TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-17422-1

Job Description: RVAAP - ECC

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-17422-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The 353.2 Nitrocellulose, 8330 Nitroguanidine and 8330B Explosives analysis were performed at the TestAmerica Sacramento Laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters for which TestAmerica North Canton has certification were evaluated to the limit of detection (LOD) and include qualified results where applicable. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

RECEIPT

The samples were received on 11/08/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.3, 3.8, 4.4 and 5.1 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 076SS-0019M-0001-SO (240-17422-1), 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0002M-0001-SO (240-17422-5) and 073SS-0003M-0001-SO (240-17422-6) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were prepared on 11/09/2012 and analyzed on 11/14/2012 and 11/15/2012.

2-Hexanone, Acetone and Methylene Chloride were detected in method blank MB 240-64980/8 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

4-Methyl-2-pentanone (MIBK), Acetone and Styrene were detected in method blank MB 240-65171/8 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Acetone failed the recovery criteria high for MRL 240-64980/33. Acetone and Methylene Chloride failed the recovery criteria high for MRL 240-64980/5. Acetone failed the recovery criteria high for MRL 240-65171/29. Acetone failed the recovery criteria high for MRL 240-65171/5. Refer to the QC report for details.

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria high for 073SS-0002M-0001-SO (240-17422-5).

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria high for 073SS-0003M-0001-SOMS (240-17422-6MS). Refer to the QC report for details.

Internal standard responses were outside of acceptance limits for the following sample: 073SS-0002M-0001-SO (240-17422-5). The sample shows evidence of matrix interference.

Surrogate recoveries were outside criteria for samples 073SS-0002M-0001-SO (240-17422-5). Due to insufficient sample volume, repreparation and reanalysis could not occur. The second analysis of this sample had a poor purge which resulted in little or no surrogate recovery.

The compound Acetone failed the 70-130% criteria for both the opener and closing MRL in analytical batch 64980. This compound is a common lab contaminate which is effected more at the lower concentrations. The recovery failed high in both analyses.

No other difficulties were encountered during the VOCs analyses. All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 073SS-0006-0001-TB (240-17422-16) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 11/13/2012.

Methylene Chloride was detected in method blank MB 240-64831/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Methylene Chloride failed the recovery criteria high for MRL 240-64831/12. Bromomethane, Chloroethane, Chloromethane and Methylene Chloride failed the recovery criteria high for MRL 240-64831/5. Refer to the QC report for details.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 64831.

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 068SD-0009-0001-SO (240-17422-9), 068SD-00010-0001-SO (240-17422-10), 068SD-00011-0001-SO (240-17422-11) and 068SD-00012-0001-SO (240-17422-12) were analyzed for Polychlorinated biphenyls (PCBs) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8082 DOD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/18/2012 and analyzed on 11/21/2012.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 073SS-0003M-0001-SOMS (240-17422-6MS). Refer to the QC report for details.

No other difficulties were encountered during the PCBs analyses. All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0019M-0001-SO (240-17422-1), 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0001M-0001-SO (240-17422-4), 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0005M-0001-SO (240-17422-8), 068SD-0009-0001-SO (240-17422-9), 068SD-00010-0001-SO (240-17422-10), 068SD-00011-0001-SO (240-17422-11) and 068SD-00012-0001-SO (240-17422-12) were analyzed for semivolatile organic compounds (GC-MS) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8270 DoD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/18/2012 and 11/20/2012 and analyzed on 11/23/2012 and 11/26/2012.

Bis(2-ethylhexyl) phthalate and Diethyl phthalate were detected in method blank MB 240-65503/22-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-65764/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS/MSD of sample 076SS-0020M-0001-SOMS/MSD (240-17422-2) in batch 240-66051.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS/MSD of sample 073SS-0003M-0001-SOMS/MSD (240-17422-6) in batch 240-66246.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS/MSD of sample 068SD-0009-0001-SOMS/MSD (240-17422-9) in batch 240-66246.

Samples 076SS-0019M-0001-SO (240-17422-1)[4X], 073SS-0001M-0001-SO (240-17422-4)[4X], 073SS-0002M-0001-SO (240-17422-5) [4X], and 073SS-0005M-0001-SO (240-17422-8)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted due to the nature of the sample matrix: 076SS-0019M-0001-SO (240-17422-1), 073SS-0001M-0001-SO (240-17422-4), and 073SS-0002M-0001-SO (240-17422-5). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the SVOCs analyses. All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 076SW-0013-0001-SW (240-17422-13), 076SW-0014-0001-SW (240-17422-14) and 076SW-0015-0001-SW (240-17422-15) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/14/2012 and analyzed on 11/16/2012.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS of sample 076SW-0013-0001-SWMS (240-17422-13) in batch 240-65294.

3,3'-Dichlorobenzidine and Pyrene failed the recovery criteria low for the MSD of sample 076SW-0013-0001-SWMSD (240-17422-13) in batch 240-65294. Pyrene exceeded the rpd limit.

No other difficulties were encountered during the SVOCs analyses. All other quality control parameters were within the acceptance limits.

PESTICIDES WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0002M-0001-SO (240-17422-5) and 073SS-0003M-0001-SO (240-17422-6) were analyzed for pesticides with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8081 DoD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/18/2012 and analyzed on 11/28/2012.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 073SS-0003M-0001-SOMS (240-17422-6MS) and 073SS-0003M-0001-SOMSD (240-17422-6MSD). Refer to the QC report for details.

beta-BHC failed the recovery criteria low for the MS/MSD of sample 073SS-0003M-0001-SOMS/MSD (240-17422-6) in batch 240-66500.

Samples 076SS-0020M-0001-SO (240-17422-2)[5X], 073SS-0002M-0001-SO (240-17422-5)[20X] and 073SS-0003M-0001-SO (240-17422-6)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted due to the nature of the sample matrix: 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 076SS-0020M-0001-SO (240-17422-2), 076SS-0020M-0002-SO (240-17422-2 MS), 076SS-0020M-0002-SO (240-17422-2 MSD). Elevated reporting limits (RLs) are provided.

The closing MRL associated with batch 66500 recovered above the upper control limit for Aldrin . The samples associated with this MRL 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0003M-0002-SO (240-17422-6 MS), 073SS-0003M-0002-SO (240-17422-6 MSD), 076SS-0020M-0001-SO (240-17422-2), 076SS-0020M-0002-SO (240-17422-2 MS), 076SS-0020M-0002-SO (240-17422-2 MSD), 076SS-0021M-0001-SO (240-17422-3) were non-detects for the affected analyte; therefore the data have been reported.

The peaks for DDD and Endosulfan II merged on the primary column. The associated samples073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0003M-0002-SO (240-17422-6 MS), 073SS-0003M-0002-SO (240-17422-6 MSD), 076SS-0020M-0001-SO (240-17422-2), 076SS-0020M-0002-SO (240-17422-2 MS), 076SS-0020M-0002-SO (240-17422-2 MSD), 076SS-0021M-0001-SO (240-17422-3) were all non-detect for the affected analytes on the confirmation column; therefore the data have been reported. The QC data associated with these samples are reported from the confirmation column for these analytes.

Heptachlor Epoxide is reported from the confirmation column for the matrix spike (MS) and matrix spike duplicate (MSD) data with the associated parent samples 073SS-0003M-0001-SO (240-17422-6), 076SS-0020M-0001-SO (240-17422-2) because of matrix interferences on the primary column.

No other difficulties were encountered during the pesticides analyses. All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 076SW-0013-0001-SW (240-17422-13), 076SW-0014-0001-SW (240-17422-14) and 076SW-0015-0001-SW (240-17422-15) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082 DOD. The samples were prepared on 11/13/2012 and analyzed on 11/18/2012.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 068SD-00010-0001-SO (240-17422-10), 068SD-00011-0001-SO (240-17422-11), 068SD-00012-0001-SO (240-17422-12),

068SD-0009-0001-SO (240-17422-9), 068SD-0009-0002-SO (240-17422-9 MS), 068SD-0009-0002-SO (240-17422-9 MSD), 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0003M-0002-SO (240-17422-6 MS), 073SS-0003M-0002-SO (240-17422-6 MSD), 076SS-0020M-0001-SO (240-17422-2), 076SS-0020M-0002-SO (240-17422-2 MS), 076SS-0020M-0002-SO (240-17422-2 MSD), 076SS-0021M-0001-SO (240-17422-3). Lot # S65830.

No other difficulties were encountered during the PCBs analyses. All quality control parameters were within the acceptance limits.

NITROGUANIDINE (HPLC)

Samples 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0002M-0001-SO (240-17422-5) and 073SS-0003M-0001-SO (240-17422-6) were analyzed for nitroguanidine (HPLC) in accordance with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012EPA and EPA SW-846 Method 8330_Ngu. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/16/2012 and analyzed on 11/26/2012.

No difficulties were encountered during the explosives analyses. All quality control parameters were within the acceptance limits.

EXPLOSIVES

Samples 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0002M-0001-SO (240-17422-5) and 073SS-0003M-0001-SO (240-17422-6) were analyzed for explosives in accordance with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012EPA and SW-846 Method 8330B. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/16/2012 and analyzed on 11/21/2012 and 11/22/2012.

Tetryl was detected in method blank MB 320-6026/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

3,4-Dinitrotoluene failed the surrogate recovery criteria low for MB 320-6026/1-A. Refer to the QC report for details.

The continuing calibration verification at the method reporting limit (CCVL) for analytical batch 6026 exceeded control criteria for Nitrobenzene, o-Nitrotoluene, p-Nitrotoluene, 2,6-Dinitrotoluene, and RDX. The corrective action for this deficiency is an analysis of a standard at apporximately 2x the MDL. The acceptance criterion for the 2x MDL standard is detection of the compound. As the compounds were detected, the data have been qualified and reported.

The continuing calibration verification for method reporting limit (CCVL) for analytical batch 6234 exceeded control criteria for 2,4,6-Trinitroluene and 2,6-Dinitrotoluene. The corrective action for this deficiency is an analysis of a standard at apporximately 2x the MDL. The acceptance criterion for the 2x MDL standard is detection of the compound. As the compounds were detected, the data have been qualified and reported.

No other difficulties were encountered during the explosives analyses. All other quality control parameters were within the acceptance limits.

METALS (ICPMS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0019M-0001-SO (240-17422-1), 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0001M-0001-SO (240-17422-4), 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0005M-0001-SO (240-17422-8), 068SD-0009-0001-SO (240-17422-9), 068SD-00010-0001-SO (240-17422-10), 068SD-00011-0001-SO (240-17422-11) and 068SD-00012-0001-SO (240-17422-12) were analyzed for metals (ICPMS) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 6020 DoD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/15/2012 and analyzed on 11/23/2012 and 11/30/2012.

Potassium was detected in method blank MB 240-65198/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Manganese failed the recovery criteria low for the MS of sample 076SS-0020M-0001-SOMS (240-17422-2) in batch 240-66205.

Aluminum, Iron and Manganese failed the recovery criteria high for the MS of sample 073SS-0003M-0001-SOMS (240-17422-6) in batch 240-66205.

Iron and Manganese failed the recovery criteria low for the MS of sample 068SD-0009-0001-SOMS (240-17422-9) in batch 240-67023. Aluminum failed the recovery criteria high.

Manganese exceeded the rpd limit for the duplicate of sample 068SD-0009-0001-SODU (240-17422-9). Refer to the QC report for details.

Samples 073SS-0001M-0001-SO (240-17422-4)[5X], 073SS-0005M-0001-SO (240-17422-8)[10X], 068SD-0009-0001-SO (240-17422-9) [20X] and 068SD-00010-0001-SO (240-17422-10)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples 076SW-0013-0001-SW (240-17422-13), 076SW-0014-0001-SW (240-17422-14) and 076SW-0015-0001-SW (240-17422-15) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020 DoD. The samples were prepared on 11/16/2012 and analyzed on 12/10/2012.

ICB, CCB, and ICSA samples are evaluated using the lowest LOD and DL criteria in LIMS. Using this criteria, an individual element may occasionally be flagged as out of control. If the element has a higher LOD or DL, the data is evaluated to the higher limit and determined to be acceptable.

Potassium was detected in method blank MB 240-65311/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Thallium and Zinc were detected in method blank MB 240-65311/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

The following sample(s) was diluted due to the nature of the sample matrix: 073SS-0005M-0001-SO (240-17422-8). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

TOTAL MERCURY - DOD

Samples 076SW-0013-0001-SW (240-17422-13), 076SW-0014-0001-SW (240-17422-14) and 076SW-0015-0001-SW (240-17422-15) were analyzed for Total Mercury - DOD in accordance with EPA SW-846 Method 7470A. The samples were prepared on 11/26/2012 and analyzed on 11/27/2012.

No difficulties were encountered during the mercury analyses. All quality control parameters were within the acceptance limits.

MERCURY WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0019M-0001-SO (240-17422-1), 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0001M-0001-SO (240-17422-4), 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0005M-0001-SO (240-17422-8), 068SD-0009-0001-SO (240-17422-9), 068SD-00010-0001-SO (240-17422-10), 068SD-00011-0001-SO (240-17422-11) and 068SD-00012-0001-SO (240-17422-12) were analyzed for mercury with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 7471A DOD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/15/2012 and analyzed on 11/16/2012.

Hg was detected in method blank MB 240-65204/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the mercury analyses. All other quality control parameters were within the acceptance limits.

NITROCELLULOSE

Samples 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0002M-0001-SO (240-17422-5) and 073SS-0003M-0001-SO (240-17422-6) were analyzed for Nitrocellulose with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA Method 353.2. The samples began the drying and disaggregation process on 11/09/2012, and were prepared and analyzed on 12/04/2012.

Samples were extracted on smaller size 1g due to matrix effect on the instrument.

All samples in this batch, #6863, were originally ran on 11/28/12 on batch # 6765. Samples in batch #6765 were extracted using 10g of sample. The instrument analyst observed that samples extracted in batch #6765 had a pungent odor and some samples, after filtering, were still cloudy. Historically, the matrix of samples from this client have adversely impacted the cadmium coil for this method and adversely affected recoveries for the bracketing CCV's and MRL's. The analyst believes that this is a direct result of the samples' matrix. As a result, all samples in this batch, #6863, were re-extracted (within holding time) at 1.0g instead of 10.0g. Data is being reported from this re-analysis and the reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Nitrocellulose analyses. All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 076SS-0019M-0001-SO (240-17422-1), 076SS-0020M-0001-SO (240-17422-2), 076SS-0021M-0001-SO (240-17422-3), 073SS-0001M-0001-SO (240-17422-4), 073SS-0002M-0001-SO (240-17422-5), 073SS-0003M-0001-SO (240-17422-6), 073SS-0005M-0001-SO (240-17422-8), 068SD-0009-0001-SO (240-17422-9), 068SD-00010-0001-SO (240-17422-10), 068SD-00011-0001-SO (240-17422-11) and 068SD-00012-0001-SO (240-17422-12) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/15/2012 and 11/20/2012.

No difficulties were encountered during the % solids analyses. All quality control parameters were within the acceptance limits.

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 64102

Lab Sample ID: STD5 240-64102/2 IC Client Sample ID:

Date Analyzed: 11/07/12 11:44 Lab File ID: 21107002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:47

Lab Sample ID: STD3 240-64102/4 IC Client Sample ID:

Date Analyzed: 11/07/12 12:31 Lab File ID: 21107004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:47
Pyridine	3.02	Poor Chromatography	gruberj	11/07/12 14:49

Lab Sample ID: STD2 240-64102/5 IC Client Sample ID:

Date Analyzed: 11/07/12 12:54 Lab File ID: 21107005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:50
N-Nitrosodimethylamine	2.97	Poor Chromatography	gruberj	11/07/12 14:50
Pyridine	3.03	Poor Chromatography	gruberj	11/07/12 14:50
Ethyl methacrylate	3.63	Poor Chromatography	gruberj	11/07/12 14:50
Malononitrile	4.34	Poor Chromatography	gruberj	11/07/12 14:50

Lab Sample ID: STD1 240-64102/6 IC Client Sample ID:

Date Analyzed: 11/07/12 13:18 Lab File ID: 21107006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	gruberj	11/07/12 14:51
Dibenz(a,h)anthracene	16.05	Poor Chromatography	gruberj	11/07/12 14:51
Benzo[g,h,i]perylene	16.45	Poor Chromatography	gruberj	11/07/12 14:51

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 64102

Lab Sample ID: STD6 240-64102/10 ICIS Client Sample ID:

Date Analyzed: 11/07/12 14:51 Lab File ID: 21107010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.50	Poor Chromatography	gruberj	11/07/12 15:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66051

Lab Sample ID: CCV 240-66051/2 Client Sample ID:

Date Analyzed: 11/23/12 09:55 Lab File ID: 21123002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.29	Poor Chromatography	gruberj	11/23/12 10:13

Lab Sample ID: 240-17422-2 Client Sample ID: 076SS-0020M-0001-SO

Date Analyzed: 11/23/12 12:15 Lab File ID: 21123008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/23/12 13:33
Benzo[g,h,i]perylene	16.33	Poor Chromatography	gruberj	11/23/12 13:33

Lab Sample ID: 240-17422-1 Client Sample ID: 076SS-0019M-0001-SO

Date Analyzed: 11/23/12 13:25 Lab File ID: 21123011.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[g,h,i]perylene	16.32	Poor Chromatography	gruberj	11/26/12 11:23

Lab Sample ID: 240-17422-3 Client Sample ID: 076SS-0021M-0001-SO

Date Analyzed: 11/23/12 13:48 Lab File ID: 21123012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[g,h,i]perylene	16.32	Poor Chromatography	gruberj	11/26/12 11:27

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66051

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 11/23/12 14:58 Lab File ID: 21123014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorophenol (Surr)	4.59	Poor Chromatography	gruberj	11/26/12 10:35
Benzo[a]pyrene	14.18	Poor Chromatography	gruberj	11/26/12 10:35
Indeno[1,2,3-cd]pyrene	15.90	Poor Chromatography	gruberj	11/26/12 10:35
Dibenz(a,h)anthracene	15.93	Poor Chromatography	gruberj	11/26/12 10:35

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 11/23/12 15:21 Lab File ID: 21123015.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.29	Poor Chromatography	gruberj	11/26/12 10:38

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66246

Lab Sample ID: 240-17422-6 Client Sample ID: 073SS-0003M-0001-SO

Date Analyzed: 11/26/12 12:02 Lab File ID: 21126006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/26/12 12:29

Lab Sample ID: 240-17422-9 Client Sample ID: 068SD-0009-0001-SO

Date Analyzed: 11/26/12 13:12 Lab File ID: 21126009.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/27/12 15:34

Lab Sample ID: 240-17422-10 Client Sample ID: 068SD-00010-0001-SO

Date Analyzed: 11/26/12 14:22 Lab File ID: 21126012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/27/12 15:39

Lab Sample ID: 240-17422-4 Client Sample ID: 073SS-0001M-0001-SO

Date Analyzed: 11/26/12 14:45 Lab File ID: 21126013.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/27/12 15:42

Lab Sample ID: 240-17422-5 Client Sample ID: 073SS-0002M-0001-SO

Date Analyzed: 11/26/12 15:08 Lab File ID: 21126014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/27/12 15:43

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66246

Lab Sample ID: 240-17422-8 Client Sample ID: 073SS-0005M-0001-SO

Date Analyzed: 11/26/12 15:55 Lab File ID: 21126016.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.68	Poor Chromatography	gruberj	11/27/12 15:45
Benzo[b]fluoranthene	13.70	Poor Chromatography	gruberj	11/27/12 15:45
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/27/12 15:45
Benzo[g,h,i]perylene	16.32	Poor Chromatography	gruberj	11/27/12 15:45

Lab Sample ID: 240-17422-11 Client Sample ID: 068SD-00011-0001-SO

Date Analyzed: 11/26/12 16:18 Lab File ID: 21126035.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.69	Poor Chromatography	ulmanm	11/28/12 15:32
Benzo[k]fluoranthene	13.72	Poor Chromatography	ulmanm	11/28/12 15:32

Lab Sample ID: 240-17422-12 Client Sample ID: 068SD-00012-0001-SO

Date Analyzed: 11/26/12 16:41 Lab File ID: 21126036.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	11/27/12 15:48
Benzo[g,h,i]perylene	16.31	Poor Chromatography	gruberj	11/27/12 15:48

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 11/26/12 17:28 Lab File ID: 21126018.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	15.89	Poor Chromatography	gruberj	11/27/12 13:52
Dibenz(a,h)anthracene	15.92	Poor Chromatography	gruberj	11/27/12 13:52

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 64921

Lab Sample ID: STD5 240-64921/2 IC Client Sample ID:

Date Analyzed: 11/14/12 11:39 Lab File ID: 21114002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.57	Poor Chromatography	ulmanm	11/14/12 12:17

Lab Sample ID: STD4 240-64921/3 IC Client Sample ID:

Date Analyzed: 11/14/12 11:59 Lab File ID: 21114003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.55	Poor Chromatography	ulmanm	11/14/12 12:35
4,6-Dinitro-2-methylphenol	6.50	Poor Chromatography	ulmanm	11/14/12 12:35

Lab Sample ID: STD3 240-64921/4 IC Client Sample ID:

Date Analyzed: 11/14/12 12:18 Lab File ID: 21114004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.53	Poor Chromatography	ulmanm	11/14/12 13:04
4,6-Dinitro-2-methylphenol	6.50	Poor Chromatography	ulmanm	11/14/12 13:04
Dibenz(a,h)anthracene	11.94	Poor Chromatography	ulmanm	11/14/12 13:04

Lab Sample ID: STD2 240-64921/5 IC Client Sample ID:

Date Analyzed: 11/14/12 12:37 Lab File ID: 21114005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,6-Dinitro-2-methylphenol	6.50	Poor Chromatography	ulmanm	11/14/12 13:15

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 64921

Lab Sample ID: STD1 240-64921/6 IC Client Sample ID:

Date Analyzed: 11/14/12 12:56 Lab File ID: 21114006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chrysene	9.14	Poor Chromatography	ulmanm	11/14/12 13:28
Benzo[g,h,i]perylene	12.40	Poor Chromatography	ulmanm	11/14/12 13:28

Lab Sample ID: STD9 240-64921/7 IC Client Sample ID:

Date Analyzed: 11/14/12 13:15 Lab File ID: 21114007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.65	Poor Chromatography	ulmanm	11/14/12 14:03

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 65294

Lab Sample ID: MRL 240-65294/3 Client Sample ID:

Date Analyzed: 11/16/12 10:00 Lab File ID: 21116003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	4.44	Poor Chromatography	ulmanm	11/16/12 10:35

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: STD 240-66500/7 ICRT Client Sample ID:

Date Analyzed: 11/28/12 04:47 Lab File ID: P9112707.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	8.91	Baseline Event	vandorenc	11/29/12 09:35

Lab Sample ID: ICV 240-66500/11 Client Sample ID:

Date Analyzed: 11/28/12 06:22 Lab File ID: P9112711.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	8.91	Baseline Event	vandorenc	11/29/12 09:40

Lab Sample ID: STD 240-66500/12 IC Client Sample ID:

Date Analyzed: 11/28/12 06:50 Lab File ID: P9112712.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.48	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 2	10.03	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 3	10.09	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 4	10.67	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 5	11.23	Split Peak	vandorenc	11/29/12 09:40

Lab Sample ID: STD 240-66500/12 IC Client Sample ID:

Date Analyzed: 11/28/12 06:50 Lab File ID: P9112712.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 2	11.40	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 3	11.75	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 4	12.15	Split Peak	vandorenc	11/29/12 09:40
Toxaphene Peak 5	12.54	Split Peak	vandorenc	11/29/12 09:40

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: STD 240-66500/13 IC Client Sample ID:

Date Analyzed: 11/28/12 07:18 Lab File ID: P9112713.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 2	11.40	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 3	11.75	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 4	12.15	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 5	12.54	Baseline Event	vandorenc	11/29/12 09:41

Lab Sample ID: STD 240-66500/14 IC Client Sample ID:

Date Analyzed: 11/28/12 07:46 Lab File ID: P9112714.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.49	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 2	10.02	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 5	11.24	Baseline Event	vandorenc	11/29/12 09:41

Lab Sample ID: STD 240-66500/14 IC Client Sample ID:

Date Analyzed: 11/28/12 07:46 Lab File ID: P9112714.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 2	11.40	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 3	11.75	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 4	12.15	Baseline Event	vandorenc	11/29/12 09:41
Toxaphene Peak 5	12.53	Baseline Event	vandorenc	11/29/12 09:41

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: STD 240-66500/15 IC Client Sample ID:

Date Analyzed: 11/28/12 08:14 Lab File ID: P9112715.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.48	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 2	10.02	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 5	11.23	Baseline Event	vandorenc	11/29/12 09:44

Lab Sample ID: STD 240-66500/15 IC Client Sample ID:

Date Analyzed: 11/28/12 08:14 Lab File ID: P9112715.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 2	11.40	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 3	11.75	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 4	12.15	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 5	12.53	Baseline Event	vandorenc	11/29/12 09:44

Lab Sample ID: STD 240-66500/16 IC Client Sample ID:

Date Analyzed: 11/28/12 08:42 Lab File ID: P9112716.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.49	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 2	10.03	Baseline Event	vandorenc	11/29/12 09:48
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/29/12 09:48
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 5	11.24	Baseline Event	vandorenc	11/29/12 09:44

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: STD 240-66500/16 IC Client Sample ID:

Date Analyzed: 11/28/12 08:42 Lab File ID: P9112716.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 2	11.40	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 3	11.75	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 4	12.15	Baseline Event	vandorenc	11/29/12 09:44
Toxaphene Peak 5	12.54	Baseline Event	vandorenc	11/29/12 09:44

Lab Sample ID: ICV 240-66500/17 Client Sample ID:

Date Analyzed: 11/28/12 09:09 Lab File ID: P9112717.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.48	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 2	10.03	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 5	11.23	Baseline Event	vandorenc	11/29/12 09:52

Lab Sample ID: ICV 240-66500/17 Client Sample ID:

Date Analyzed: 11/28/12 09:09 Lab File ID: P9112717.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 2	11.41	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 3	11.75	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 4	12.15	Baseline Event	vandorenc	11/29/12 09:52
Toxaphene Peak 5	12.53	Baseline Event	vandorenc	11/29/12 09:52

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: LCS 240-65501/10-A Client Sample ID:

Date Analyzed: 11/28/12 10:05 Lab File ID: P9112719.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	12.86	Baseline Event	vandorenc	11/29/12 10:23

Lab Sample ID: LCS 240-65501/10-A Client Sample ID:

Date Analyzed: 11/28/12 10:05 Lab File ID: P9112719.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Heptachlor epoxide	8.61	Baseline Event	vandorenc	11/29/12 10:23

Lab Sample ID: 240-17422-2 Client Sample ID: 076SS-0020M-0001-SO

Date Analyzed: 11/28/12 10:32 Lab File ID: P9112720.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	7.98	Split Peak	vandorenc	11/29/12 10:26

Lab Sample ID: 240-17422-3 Client Sample ID: 076SS-0021M-0001-SO

Date Analyzed: 11/28/12 11:56 Lab File ID: P9112723.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	7.99	Split Peak	vandorenc	11/29/12 10:30
Methoxychlor	10.76	Split Peak	vandorenc	11/29/12 10:30
Endosulfan sulfate	10.85	Split Peak	vandorenc	11/29/12 10:30

Lab Sample ID: 240-17422-3 Client Sample ID: 076SS-0021M-0001-SO

Date Analyzed: 11/28/12 11:56 Lab File ID: P9112723.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endosulfan I	9.39	Split Peak	vandorenc	11/29/12 10:30

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: 240-17422-5 Client Sample ID: 073SS-0002M-0001-SO

Date Analyzed: 11/28/12 12:24 Lab File ID: P9112724.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	8.00	Baseline Event	vandorenc	11/29/12 10:32

Lab Sample ID: 240-17422-5 Client Sample ID: 073SS-0002M-0001-SO

Date Analyzed: 11/28/12 12:24 Lab File ID: P9112724.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	9.80	Baseline Event	vandorenc	11/29/12 10:32

Lab Sample ID: 240-17422-6 Client Sample ID: 073SS-0003M-0001-SO

Date Analyzed: 11/28/12 12:48 Lab File ID: P9112725.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	14.32	Baseline Event	vandorenc	11/29/12 10:33

Lab Sample ID: CCV 240-66500/52 Client Sample ID:

Date Analyzed: 11/29/12 01:13 Lab File ID: P9112752.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.48	Baseline Event	vandorenc	11/29/12 10:12
Toxaphene Peak 2	10.02	Baseline Event	vandorenc	11/29/12 10:12
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/29/12 10:12
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/29/12 10:12
Toxaphene Peak 5	11.23	Baseline Event	vandorenc	11/29/12 10:12

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD005 240-62068/3 IC Client Sample ID:

Date Analyzed: 10/21/12 16:53 Lab File ID: P1300003.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.46	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Baseline Event	hassl	10/22/12 09:01

Lab Sample ID: STD01 240-62068/4 IC Client Sample ID:

Date Analyzed: 10/21/12 17:08 Lab File ID: P1300004.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.46	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

Lab Sample ID: STD02 240-62068/5 IC Client Sample ID:

Date Analyzed: 10/21/12 17:23 Lab File ID: P1300005.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/6 IC Client Sample ID:

Date Analyzed: 10/21/12 17:38 Lab File ID: P1300006.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

Lab Sample ID: STD2 240-62068/8 IC Client Sample ID:

Date Analyzed: 10/21/12 18:07 Lab File ID: P1300008.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

Lab Sample ID: STD01 240-62068/10 IC Client Sample ID:

Date Analyzed: 10/21/12 18:37 Lab File ID: P1300010.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD02 240-62068/11 IC Client Sample ID:

Date Analyzed: 10/21/12 18:52 Lab File ID: P1300011.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

Lab Sample ID: STD05 240-62068/12 IC Client Sample ID:

Date Analyzed: 10/21/12 19:07 Lab File ID: P1300012.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

Lab Sample ID: STD1 240-62068/13 IC Client Sample ID:

Date Analyzed: 10/21/12 19:22 Lab File ID: P1300013.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD2 240-62068/14 IC Client Sample ID:

Date Analyzed: 10/21/12 19:37 Lab File ID: P1300014.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

Lab Sample ID: STD005 240-62068/21 IC Client Sample ID:

Date Analyzed: 10/21/12 21:21 Lab File ID: P1300021.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:04
PCB-1221 Peak 2	1.55	Split Peak	hassl	10/22/12 09:04
PCB-1221 Peak 3	1.59	Unspecified	hassl	10/22/12 09:05

Lab Sample ID: STD01 240-62068/22 IC Client Sample ID:

Date Analyzed: 10/21/12 21:36 Lab File ID: P1300022.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:05
PCB-1221 Peak 2	1.55	Split Peak	hassl	10/22/12 09:05
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:05

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD01 240-62068/22 IC Client Sample ID:

Date Analyzed: 10/21/12 21:36 Lab File ID: P1300022.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	4.41	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 2	4.92	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 3	5.18	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 4	5.56	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 5	5.78	Split Peak	hassl	10/22/12 09:05

Lab Sample ID: STD02 240-62068/23 IC Client Sample ID:

Date Analyzed: 10/21/12 21:51 Lab File ID: P1300023.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:06
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:06
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:06

Lab Sample ID: STD02 240-62068/23 IC Client Sample ID:

Date Analyzed: 10/21/12 21:51 Lab File ID: P1300023.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	4.41	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 2	4.92	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 3	5.18	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 4	5.56	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 5	5.78	Split Peak	hassl	10/22/12 09:05

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/24 IC Client Sample ID:

Date Analyzed: 10/21/12 22:06 Lab File ID: P1300024.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:07

Lab Sample ID: STD1 240-62068/25 IC Client Sample ID:

Date Analyzed: 10/21/12 22:21 Lab File ID: P1300025.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:07

Lab Sample ID: STD2 240-62068/26 IC Client Sample ID:

Date Analyzed: 10/21/12 22:36 Lab File ID: P1300026.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:08
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:08
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:08

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD005 240-62068/27 IC Client Sample ID:

Date Analyzed: 10/21/12 22:51 Lab File ID: P1300027.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:08

Lab Sample ID: STD01 240-62068/28 IC Client Sample ID:

Date Analyzed: 10/21/12 23:06 Lab File ID: P1300028.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:08

Lab Sample ID: STD02 240-62068/29 IC Client Sample ID:

Date Analyzed: 10/21/12 23:21 Lab File ID: P1300029.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/30 ICRT Client Sample ID:

Date Analyzed: 10/21/12 23:36 Lab File ID: P1300030.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

Lab Sample ID: STD1 240-62068/31 IC Client Sample ID:

Date Analyzed: 10/21/12 23:50 Lab File ID: P1300031.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

Lab Sample ID: STD2 240-62068/32 IC Client Sample ID:

Date Analyzed: 10/22/12 00:05 Lab File ID: P1300032.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: ICV 240-62068/45 Client Sample ID:

Date Analyzed: 10/22/12 03:19 Lab File ID: P1300045.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:10
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:10
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:10

Lab Sample ID: ICV 240-62068/46 Client Sample ID:

Date Analyzed: 10/22/12 03:34 Lab File ID: P1300046.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:16

Lab Sample ID: ICV 240-62068/47 Client Sample ID:

Date Analyzed: 10/22/12 03:49 Lab File ID: P1300047.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: ICV 240-62068/50 Client Sample ID:

Date Analyzed: 10/22/12 04:34 Lab File ID: P1300050.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 3	2.33	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 65363

Lab Sample ID: CCV 240-65363/3 CCVRT Client Sample ID:

Date Analyzed: 11/18/12 14:13 Lab File ID: P1300003.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	11/19/12 11:03
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/19/12 11:03
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/19/12 11:03
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/19/12 11:03
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/19/12 11:03

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 65860

Lab Sample ID: CCV 240-65860/3 CCVRT Client Sample ID:

Date Analyzed: 11/21/12 06:45 Lab File ID: P1300003.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	4.17	Baseline Event	hassl	11/21/12 08:48
PCB-1260 Peak 2	4.48	Baseline Event	hassl	11/21/12 08:48
PCB-1260 Peak 3	4.78	Baseline Event	hassl	11/21/12 08:48
PCB-1260 Peak 4	5.53	Baseline Event	hassl	11/21/12 08:48
PCB-1260 Peak 5	5.83	Baseline Event	hassl	11/21/12 08:48

Lab Sample ID: 240-17422-2 MS Client Sample ID: 076SS-0020M-0001-SO MS

Date Analyzed: 11/21/12 10:26 Lab File ID: P1300017.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	4.17	Baseline Event	hassl	11/23/12 07:19
PCB-1260 Peak 2	4.48	Baseline Event	hassl	11/23/12 07:19
PCB-1260 Peak 3	4.78	Baseline Event	hassl	11/23/12 07:19
PCB-1260 Peak 4	5.53	Baseline Event	hassl	11/23/12 07:19
PCB-1260 Peak 5	5.83	Baseline Event	hassl	11/23/12 07:19

Lab Sample ID: CCV 240-65860/29 Client Sample ID:

Date Analyzed: 11/21/12 13:25 Lab File ID: P1300029.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	1.65	Split Peak	hassl	11/23/12 07:37

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 65860

Lab Sample ID: LCS 240-65499/24-A Client Sample ID:

Date Analyzed: 11/21/12 14:25 Lab File ID: P1300033.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	2.15	Baseline Event	hassl	11/23/12 07:38
PCB-1016 Peak 2	2.57	Baseline Event	hassl	11/23/12 07:38
PCB-1016 Peak 3	3.05	Baseline Event	hassl	11/23/12 07:38
PCB-1016 Peak 4	3.20	Baseline Event	hassl	11/23/12 07:38
PCB-1016 Peak 5	3.85	Baseline Event	hassl	11/23/12 07:38

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: PDA1 Analysis Batch Number: 4663

Lab Sample ID: CCVL 320-4663/13 Client Sample ID:

Date Analyzed: 10/17/12 11:38 Lab File ID: HPNQL2_00003001-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.23	Split Peak	noonanr	10/17/12 12:29

8330 Modified

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: PDA1 Analysis Batch Number: 6340

Lab Sample ID: 240-17422-2 MS Client Sample ID: 076SS-0020M-0001-SO MS

Date Analyzed: 11/26/12 17:31 Lab File ID: 320-0001520-025-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.27	Split Peak	noonanr	11/27/12 07:56

Lab Sample ID: 240-17422-2 MSD Client Sample ID: 076SS-0020M-0001-SO MSD

Date Analyzed: 11/26/12 17:45 Lab File ID: 320-0001520-026-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.26	Split Peak	noonanr	11/27/12 07:57

8330 Modified

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 3377

Lab Sample ID: STD05 320-3377/6 IC Client Sample ID:

Date Analyzed: 09/01/12 14:30 Lab File ID: A-000010.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Nitrotoluene	27.05	Baseline	noonanr	09/13/12 09:42

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 6177

Lab Sample ID: CCVL 320-6177/13 Client Sample ID:

Date Analyzed: 11/20/12 21:41 Lab File ID: T-000013.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.65	Incomplete Integration	noonanr	11/21/12 12:04

Lab Sample ID: 240-17422-2 MS Client Sample ID: 076SS-0020M-0001-SO MS

Date Analyzed: 11/21/12 12:33 Lab File ID: T-000035.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Nitrotoluene	22.78	Baseline	noonanr	11/26/12 08:40
4-Nitrotoluene	24.45	Baseline	noonanr	11/26/12 08:40
3-Nitrotoluene	26.30	Baseline	noonanr	11/26/12 08:40

Lab Sample ID: 240-17422-6 MS Client Sample ID: 073SS-0003M-0001-SO MS

Date Analyzed: 11/21/12 15:55 Lab File ID: T-000040.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Nitrotoluene	22.82	Incomplete Integration	noonanr	11/26/12 08:43
PETN	28.75	Incomplete Integration	noonanr	11/26/12 08:43

Lab Sample ID: 240-17422-6 MSD Client Sample ID: 073SS-0003M-0001-SO MSD

Date Analyzed: 11/21/12 16:35 Lab File ID: T-000041.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.66	Incomplete Integration	noonanr	11/26/12 08:44

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 6177

Lab Sample ID: STD06 320-6177/42 CCVRT Client Sample ID:

Date Analyzed: 11/21/12 17:16 Lab File ID: T-000042.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.71	Baseline	noonanr	11/26/12 08:45

Lab Sample ID: CCVL 320-6177/43 Client Sample ID:

Date Analyzed: 11/21/12 17:56 Lab File ID: T-000043.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
RDX	7.52	Incomplete Integration	noonanr	11/26/12 08:47
PETN	28.67	Incomplete Integration	noonanr	11/26/12 08:47

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 4221

Lab Sample ID: LODV 320-4221/13 Client Sample ID:

Date Analyzed: 10/02/12 00:29 Lab File ID: C-000015.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	52.75	Baseline	noonanr	10/02/12 09:20

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 6234

Lab Sample ID: CCVL 320-6234/4 Client Sample ID:

Date Analyzed: 11/21/12 16:53 Lab File ID: U000004.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Dinitrobenzene	23.39	Incomplete Integration	noonanr	11/26/12 08:51

Lab Sample ID: 240-17422-2 Client Sample ID: 076SS-0020M-0001-SO

Date Analyzed: 11/22/12 07:05 Lab File ID: U000017.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.43	Split Peak	noonanr	11/26/12 09:23
Tetryl	45.17	Split Peak	noonanr	11/26/12 09:23

Lab Sample ID: 240-17422-3 Client Sample ID: 076SS-0021M-0001-SO

Date Analyzed: 11/22/12 08:11 Lab File ID: U000018.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.35	Split Peak	noonanr	11/26/12 09:25
Tetryl	45.21	Split Peak	noonanr	11/26/12 09:25

Lab Sample ID: 240-17422-5 Client Sample ID: 073SS-0002M-0001-SO

Date Analyzed: 11/22/12 09:16 Lab File ID: U000019.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.02	Split Peak	noonanr	11/26/12 09:47
Tetryl	44.89	Split Peak	noonanr	11/26/12 09:47

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 6234

Lab Sample ID: 240-17422-6 Client Sample ID: 073SS-0003M-0001-SO

Date Analyzed: 11/22/12 10:22 Lab File ID: U000020.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.45	Split Peak	noonanr	11/26/12 09:43
Tetryl	45.27	Split Peak	noonanr	11/26/12 09:43

Lab Sample ID: CCVL 320-6234/21 Client Sample ID:

Date Analyzed: 11/22/12 11:27 Lab File ID: U000021.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,6-Dinitrotoluene	31.66	Split Peak	noonanr	11/26/12 09:45

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-17422-1	076SS-0019M-0001-SO	Solid	11/07/2012 1525	11/08/2012 1735
240-17422-2	076SS-0020M-0001-SO	Solid	11/07/2012 1550	11/08/2012 1735
240-17422-2MS	076SS-0020M-0001-SO	Solid	11/07/2012 1550	11/08/2012 1735
240-17422-2MSD	076SS-0020M-0001-SO	Solid	11/07/2012 1550	11/08/2012 1735
240-17422-2DU	076SS-0020M-0001-SO	Solid	11/07/2012 1550	11/08/2012 1735
240-17422-3	076SS-0021M-0001-SO	Solid	11/07/2012 1550	11/08/2012 1735
240-17422-4	073SS-0001M-0001-SO	Solid	11/08/2012 0915	11/08/2012 1735
240-17422-5	073SS-0002M-0001-SO	Solid	11/08/2012 1100	11/08/2012 1735
240-17422-6	073SS-0003M-0001-SO	Solid	11/08/2012 1100	11/08/2012 1735
240-17422-6MS	073SS-0003M-0001-SO	Solid	11/08/2012 1100	11/08/2012 1735
240-17422-6MSD	073SS-0003M-0001-SO	Solid	11/08/2012 1100	11/08/2012 1735
240-17422-6DU	073SS-0003M-0001-SO	Solid	11/08/2012 1100	11/08/2012 1735
240-17422-8	073SS-0005M-0001-SO	Solid	11/08/2012 1030	11/08/2012 1735
240-17422-9	068SD-0009-0001-SO	Solid	11/08/2012 1235	11/08/2012 1735
240-17422-9MS	068SD-0009-0001-SO	Solid	11/08/2012 1235	11/08/2012 1735
240-17422-9MSD	068SD-0009-0001-SO	Solid	11/08/2012 1235	11/08/2012 1735
240-17422-9DU	068SD-0009-0001-SO	Solid	11/08/2012 1235	11/08/2012 1735
240-17422-10	068SD-00010-0001-SO	Solid	11/08/2012 1235	11/08/2012 1735
240-17422-11	068SD-00011-0001-SO	Solid	11/08/2012 1242	11/08/2012 1735
240-17422-12	068SD-00012-0001-SO	Solid	11/08/2012 1235	11/08/2012 1735
240-17422-13	076SW-0013-0001-SW	Water	11/08/2012 1430	11/08/2012 1735
240-17422-13MS	076SW-0013-0001-SW	Water	11/08/2012 1430	11/08/2012 1735
240-17422-13MSD	076SW-0013-0001-SW	Water	11/08/2012 1430	11/08/2012 1735
240-17422-13DU	076SW-0013-0001-SW	Water	11/08/2012 1430	11/08/2012 1735
240-17422-14	076SW-0014-0001-SW	Water	11/08/2012 1430	11/08/2012 1735
240-17422-15	076SW-0015-0001-SW	Water	11/08/2012 1500	11/08/2012 1735
240-17422-16TB	073SS-0006-0001-TB	Water	11/08/2012 0800	11/08/2012 1735

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-1	**076SS-0019M-0001-SO**					
2-Butanone (MEK)		3.1	J	21	ug/Kg	8260B/DoD
Acetone		62		21	ug/Kg	8260B/DoD
Toluene		0.28	J	5.2	ug/Kg	8260B/DoD
Benzo[a]pyrene		46		27	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		28		27	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		24	J M	27	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		93	J	200	ug/Kg	8270C/DoD
Fluoranthene		34		27	ug/Kg	8270C/DoD
2-Methylnaphthalene		19	J	27	ug/Kg	8270C/DoD
Naphthalene		16	J	27	ug/Kg	8270C/DoD
Phenanthrene		31		27	ug/Kg	8270C/DoD
Pyrene		25	J	27	ug/Kg	8270C/DoD
Aluminum		11000		8.9	mg/Kg	6020/DOD
Antimony		0.17	J	0.18	mg/Kg	6020/DOD
Arsenic		13		0.45	mg/Kg	6020/DOD
Barium		86		0.45	mg/Kg	6020/DOD
Beryllium		0.65		0.089	mg/Kg	6020/DOD
Cadmium		0.24		0.18	mg/Kg	6020/DOD
Calcium		2400		180	mg/Kg	6020/DOD
Chromium		20		0.45	mg/Kg	6020/DOD
Cobalt		8.3		0.089	mg/Kg	6020/DOD
Copper		16		0.36	mg/Kg	6020/DOD
Iron		23000		45	mg/Kg	6020/DOD
Lead		62		0.27	mg/Kg	6020/DOD
Magnesium		2300		89	mg/Kg	6020/DOD
Manganese		570		0.45	mg/Kg	6020/DOD
Nickel		20		0.45	mg/Kg	6020/DOD
Potassium		1100		89	mg/Kg	6020/DOD
Selenium		0.58		0.45	mg/Kg	6020/DOD
Silver		0.17		0.089	mg/Kg	6020/DOD
Sodium		41	J	89	mg/Kg	6020/DOD
Thallium		0.16	J	0.18	mg/Kg	6020/DOD
Vanadium		19		0.45	mg/Kg	6020/DOD
Zinc		100		3.6	mg/Kg	6020/DOD
Hg		0.13		0.097	mg/Kg	7471/DOD
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-2	**076SS-0020M-0001-SO**					
Acetone		26		23	ug/Kg	8260B/DoD
Benzo[a]pyrene		19		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		19		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		10	M	6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		9.7	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		36	J	49	ug/Kg	8270C/DoD
Dibenzofuran		7.0	J	49	ug/Kg	8270C/DoD
1,4-Dichlorobenzene		33	J	49	ug/Kg	8270C/DoD
Diethyl phthalate		21	J B	49	ug/Kg	8270C/DoD
Di-n-butyl phthalate		16	J	49	ug/Kg	8270C/DoD
Fluoranthene		28		6.6	ug/Kg	8270C/DoD
Fluorene		4.7	J	6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		13		6.6	ug/Kg	8270C/DoD
Isophorone		20	J	49	ug/Kg	8270C/DoD
2-Methylnaphthalene		18		6.6	ug/Kg	8270C/DoD
Naphthalene		20		6.6	ug/Kg	8270C/DoD
Phenanthrene		22		6.6	ug/Kg	8270C/DoD
Pyrene		19		6.6	ug/Kg	8270C/DoD
Aluminum		11000		9.3	mg/Kg	6020/DOD
Antimony		0.17	J	0.19	mg/Kg	6020/DOD
Arsenic		11		0.46	mg/Kg	6020/DOD
Barium		100		0.46	mg/Kg	6020/DOD
Beryllium		0.62		0.093	mg/Kg	6020/DOD
Cadmium		0.20		0.19	mg/Kg	6020/DOD
Calcium		1100		190	mg/Kg	6020/DOD
Chromium		16		0.46	mg/Kg	6020/DOD
Cobalt		9.4		0.093	mg/Kg	6020/DOD
Copper		12		0.37	mg/Kg	6020/DOD
Iron		19000		46	mg/Kg	6020/DOD
Lead		38		0.28	mg/Kg	6020/DOD
Magnesium		2000		93	mg/Kg	6020/DOD
Manganese		760	J	0.46	mg/Kg	6020/DOD
Nickel		18		0.46	mg/Kg	6020/DOD
Potassium		830		93	mg/Kg	6020/DOD
Selenium		0.60		0.46	mg/Kg	6020/DOD
Silver		0.073	J	0.093	mg/Kg	6020/DOD
Sodium		31	J	93	mg/Kg	6020/DOD
Thallium		0.21		0.19	mg/Kg	6020/DOD
Vanadium		18		0.46	mg/Kg	6020/DOD
Zinc		120		3.7	mg/Kg	6020/DOD
Hg		0.077	J	0.10	mg/Kg	7471/DOD
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture
Tetryl		0.041	J	0.25	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-3	**076SS-0021M-0001-SO**					
2-Butanone (MEK)		6.4	J	24	ug/Kg	8260B/DoD
Acetone		120		24	ug/Kg	8260B/DoD
Toluene		0.36	J	5.9	ug/Kg	8260B/DoD
Benzo[a]anthracene		8.6		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		17		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		18		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		7.3	M	6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		5.7	J	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		41	J	50	ug/Kg	8270C/DoD
Chrysene		15		6.7	ug/Kg	8270C/DoD
Dibenzofuran		5.6	J	50	ug/Kg	8270C/DoD
1,4-Dichlorobenzene		26	J	50	ug/Kg	8270C/DoD
Diethyl phthalate		20	J B	50	ug/Kg	8270C/DoD
Di-n-butyl phthalate		19	J	50	ug/Kg	8270C/DoD
Fluoranthene		21		6.7	ug/Kg	8270C/DoD
Fluorene		4.0	J	6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		12		6.7	ug/Kg	8270C/DoD
Isophorone		19	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		15		6.7	ug/Kg	8270C/DoD
Naphthalene		17		6.7	ug/Kg	8270C/DoD
Phenanthrene		16		6.7	ug/Kg	8270C/DoD
Pyrene		15		6.7	ug/Kg	8270C/DoD
Aluminum		10000		8.3	mg/Kg	6020/DOD
Antimony		0.17		0.17	mg/Kg	6020/DOD
Arsenic		11		0.42	mg/Kg	6020/DOD
Barium		88		0.42	mg/Kg	6020/DOD
Beryllium		0.54		0.083	mg/Kg	6020/DOD
Cadmium		0.15	J	0.17	mg/Kg	6020/DOD
Calcium		1100		170	mg/Kg	6020/DOD
Chromium		15		0.42	mg/Kg	6020/DOD
Cobalt		9.4		0.083	mg/Kg	6020/DOD
Copper		12		0.33	mg/Kg	6020/DOD
Iron		21000		42	mg/Kg	6020/DOD
Lead		36		0.25	mg/Kg	6020/DOD
Magnesium		2100		83	mg/Kg	6020/DOD
Manganese		700		0.42	mg/Kg	6020/DOD
Nickel		18		0.42	mg/Kg	6020/DOD
Potassium		790		83	mg/Kg	6020/DOD
Selenium		0.50		0.42	mg/Kg	6020/DOD
Silver		0.13		0.083	mg/Kg	6020/DOD
Sodium		26	J	83	mg/Kg	6020/DOD
Thallium		0.17		0.17	mg/Kg	6020/DOD
Vanadium		18		0.42	mg/Kg	6020/DOD
Zinc		77		3.3	mg/Kg	6020/DOD
Hg		0.083	J	0.090	mg/Kg	7471/DOD
Percent Solids		77		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Moisture		23		0.10	%	Moisture
Tetryl		0.030	J	0.24	mg/Kg	8330B
240-17422-4	**073SS-0001M-0001-SO**					
Anthracene		14	J	26	ug/Kg	8270C/DoD
Benzo[a]anthracene		66		26	ug/Kg	8270C/DoD
Benzo[a]pyrene		88		26	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		110		26	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		41		26	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		24	J M	26	ug/Kg	8270C/DoD
Chrysene		89		26	ug/Kg	8270C/DoD
Dibenzofuran		86	J	200	ug/Kg	8270C/DoD
1,2-Dichlorobenzene		70	J	200	ug/Kg	8270C/DoD
Fluoranthene		110		26	ug/Kg	8270C/DoD
Fluorene		15	J	26	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		54		26	ug/Kg	8270C/DoD
2-Methylnaphthalene		380		26	ug/Kg	8270C/DoD
Naphthalene		260		26	ug/Kg	8270C/DoD
Phenanthrene		170		26	ug/Kg	8270C/DoD
Pyrene		98		26	ug/Kg	8270C/DoD
Aluminum		9600		8.9	mg/Kg	6020/DOD
Antimony		0.19		0.18	mg/Kg	6020/DOD
Arsenic		18		0.45	mg/Kg	6020/DOD
Barium		64		0.45	mg/Kg	6020/DOD
Beryllium		0.62		0.089	mg/Kg	6020/DOD
Cadmium		0.26		0.18	mg/Kg	6020/DOD
Calcium		6900		180	mg/Kg	6020/DOD
Chromium		20		0.45	mg/Kg	6020/DOD
Cobalt		9.2		0.089	mg/Kg	6020/DOD
Copper		24		0.36	mg/Kg	6020/DOD
Iron		29000	D	220	mg/Kg	6020/DOD
Lead		35		0.27	mg/Kg	6020/DOD
Magnesium		3300		89	mg/Kg	6020/DOD
Manganese		430		0.45	mg/Kg	6020/DOD
Nickel		28		0.45	mg/Kg	6020/DOD
Potassium		1200		89	mg/Kg	6020/DOD
Selenium		0.81		0.45	mg/Kg	6020/DOD
Silver		0.027	J	0.089	mg/Kg	6020/DOD
Sodium		81	J	89	mg/Kg	6020/DOD
Thallium		0.19		0.18	mg/Kg	6020/DOD
Vanadium		16		0.45	mg/Kg	6020/DOD
Zinc		110		3.6	mg/Kg	6020/DOD
Hg		0.19		0.086	mg/Kg	7471/DOD
Percent Solids		98		0.10	%	Moisture
Percent Moisture		1.6		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-5	**073SS-0002M-0001-SO**					
Toluene		0.52	J	6.7	ug/Kg	8260B/DoD
Benzo[a]anthracene		52		27	ug/Kg	8270C/DoD
Benzo[a]pyrene		87		27	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		120		27	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		29		27	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		26	J M	27	ug/Kg	8270C/DoD
Chrysene		80		27	ug/Kg	8270C/DoD
Dibenzofuran		23	J	200	ug/Kg	8270C/DoD
Fluoranthene		99		27	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		54		27	ug/Kg	8270C/DoD
2-Methylnaphthalene		90		27	ug/Kg	8270C/DoD
Naphthalene		63		27	ug/Kg	8270C/DoD
Phenanthrene		61		27	ug/Kg	8270C/DoD
Pyrene		78		27	ug/Kg	8270C/DoD
Aluminum		6900		8.4	mg/Kg	6020/DOD
Antimony		0.087	J	0.17	mg/Kg	6020/DOD
Arsenic		9.4		0.42	mg/Kg	6020/DOD
Barium		48		0.42	mg/Kg	6020/DOD
Beryllium		0.49		0.084	mg/Kg	6020/DOD
Cadmium		0.22		0.17	mg/Kg	6020/DOD
Calcium		4400		170	mg/Kg	6020/DOD
Chromium		19		0.42	mg/Kg	6020/DOD
Cobalt		6.8		0.084	mg/Kg	6020/DOD
Copper		13		0.34	mg/Kg	6020/DOD
Iron		17000		42	mg/Kg	6020/DOD
Lead		14		0.25	mg/Kg	6020/DOD
Magnesium		2300		84	mg/Kg	6020/DOD
Manganese		380		0.42	mg/Kg	6020/DOD
Nickel		22		0.42	mg/Kg	6020/DOD
Potassium		950		84	mg/Kg	6020/DOD
Selenium		0.47		0.42	mg/Kg	6020/DOD
Silver		0.38		0.084	mg/Kg	6020/DOD
Sodium		42	J	84	mg/Kg	6020/DOD
Thallium		0.11	J	0.17	mg/Kg	6020/DOD
Vanadium		11		0.42	mg/Kg	6020/DOD
Zinc		64		3.4	mg/Kg	6020/DOD
Hg		0.051	J	0.095	mg/Kg	7471/DOD
Percent Solids		73		0.10	%	Moisture
Percent Moisture		27		0.10	%	Moisture
Tetryl		0.016	J	0.25	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-6	**073SS-0003M-0001-SO**					
Carbon disulfide		1.3	J	7.5	ug/Kg	8260B/DoD
Acenaphthylene		6.6	J	6.8	ug/Kg	8270C/DoD
Anthracene		16		6.8	ug/Kg	8270C/DoD
Benzo[a]anthracene		57		6.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		65		6.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		110		6.8	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		47		6.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		29	M	6.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		34	J	51	ug/Kg	8270C/DoD
Chrysene		71		6.8	ug/Kg	8270C/DoD
Dibenzofuran		15	J	51	ug/Kg	8270C/DoD
Fluoranthene		120		6.8	ug/Kg	8270C/DoD
Fluorene		8.5		6.8	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		46		6.8	ug/Kg	8270C/DoD
2-Methylnaphthalene		62		6.8	ug/Kg	8270C/DoD
Naphthalene		49		6.8	ug/Kg	8270C/DoD
Phenanthrene		71		6.8	ug/Kg	8270C/DoD
Pyrene		88		6.8	ug/Kg	8270C/DoD
beta-BHC		140	J D	71	ug/Kg	8081/DOD
Aluminum		6600	J	9.4	mg/Kg	6020/DOD
Antimony		0.098	J	0.19	mg/Kg	6020/DOD
Arsenic		9.7		0.47	mg/Kg	6020/DOD
Barium		49		0.47	mg/Kg	6020/DOD
Beryllium		0.47		0.094	mg/Kg	6020/DOD
Cadmium		0.21		0.19	mg/Kg	6020/DOD
Calcium		4700		190	mg/Kg	6020/DOD
Chromium		17		0.47	mg/Kg	6020/DOD
Cobalt		7.1		0.094	mg/Kg	6020/DOD
Copper		14		0.38	mg/Kg	6020/DOD
Iron		18000	J	47	mg/Kg	6020/DOD
Lead		15		0.28	mg/Kg	6020/DOD
Magnesium		2300		94	mg/Kg	6020/DOD
Manganese		410	J	0.47	mg/Kg	6020/DOD
Nickel		22		0.47	mg/Kg	6020/DOD
Potassium		840		94	mg/Kg	6020/DOD
Selenium		0.44	J	0.47	mg/Kg	6020/DOD
Silver		0.44		0.094	mg/Kg	6020/DOD
Sodium		40	J	94	mg/Kg	6020/DOD
Thallium		0.11	J	0.19	mg/Kg	6020/DOD
Vanadium		11		0.47	mg/Kg	6020/DOD
Zinc		64		3.8	mg/Kg	6020/DOD
Hg		0.053	J	0.095	mg/Kg	7471/DOD
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
Tetryl		0.024	J	0.25	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-8	**073SS-0005M-0001-SO**					
Acenaphthene		240	D	67	ug/Kg	8270C/DoD
Acenaphthylene		160	D	67	ug/Kg	8270C/DoD
Anthracene		300	D	67	ug/Kg	8270C/DoD
Benzo[a]anthracene		730	D	67	ug/Kg	8270C/DoD
Benzo[a]pyrene		570	D	67	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		670	D M	67	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		160	D M	67	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		190	D M	67	ug/Kg	8270C/DoD
Chrysene		1000	D	67	ug/Kg	8270C/DoD
Dibenzofuran		2500	D	500	ug/Kg	8270C/DoD
Fluoranthene		860	D	67	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		140	D	67	ug/Kg	8270C/DoD
2-Methylnaphthalene		9100	D	67	ug/Kg	8270C/DoD
Naphthalene		4600	D	67	ug/Kg	8270C/DoD
Phenanthrene		5500	D	67	ug/Kg	8270C/DoD
Pyrene		1000	D	67	ug/Kg	8270C/DoD
Aluminum		16000	D	87	mg/Kg	6020/DOD
Arsenic		28	D	4.3	mg/Kg	6020/DOD
Barium		160	D	4.3	mg/Kg	6020/DOD
Beryllium		3.3	D	0.87	mg/Kg	6020/DOD
Cadmium		0.61	J D	1.7	mg/Kg	6020/DOD
Calcium		62000	D	1700	mg/Kg	6020/DOD
Chromium		13	D	4.3	mg/Kg	6020/DOD
Cobalt		8.7	D	0.87	mg/Kg	6020/DOD
Copper		16	D	3.5	mg/Kg	6020/DOD
Iron		16000	D	430	mg/Kg	6020/DOD
Lead		26	D	2.6	mg/Kg	6020/DOD
Magnesium		9800	D	870	mg/Kg	6020/DOD
Manganese		1900	D	4.3	mg/Kg	6020/DOD
Nickel		24	D	4.3	mg/Kg	6020/DOD
Potassium		1000	D	870	mg/Kg	6020/DOD
Selenium		2.3	J D	4.3	mg/Kg	6020/DOD
Sodium		410	J D	870	mg/Kg	6020/DOD
Vanadium		6.5	D	4.3	mg/Kg	6020/DOD
Zinc		99	D	35	mg/Kg	6020/DOD
Hg		0.093	J	0.10	mg/Kg	7471/DOD
Percent Solids		97		0.10	%	Moisture
Percent Moisture		2.9		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-9	**068SD-0009-0001-SO**					
Anthracene		3.3	J	6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		16		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		26		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		46		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		16		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		12	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		38	J	49	ug/Kg	8270C/DoD
Chrysene		28		6.6	ug/Kg	8270C/DoD
Fluoranthene		38		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		17		6.6	ug/Kg	8270C/DoD
2-Methylnaphthalene		13		6.6	ug/Kg	8270C/DoD
Naphthalene		11		6.6	ug/Kg	8270C/DoD
Phenanthrene		22		6.6	ug/Kg	8270C/DoD
Pyrene		28		6.6	ug/Kg	8270C/DoD
Aluminum		12000	J	9.6	mg/Kg	6020/DOD
Antimony		0.13	J	0.19	mg/Kg	6020/DOD
Arsenic		16		0.48	mg/Kg	6020/DOD
Barium		78		0.48	mg/Kg	6020/DOD
Beryllium		0.76		0.096	mg/Kg	6020/DOD
Cadmium		0.61		0.19	mg/Kg	6020/DOD
Calcium		1500		190	mg/Kg	6020/DOD
Chromium		21		0.48	mg/Kg	6020/DOD
Cobalt		12		0.096	mg/Kg	6020/DOD
Copper		30		0.38	mg/Kg	6020/DOD
Iron		26000	J	48	mg/Kg	6020/DOD
Lead		23		0.29	mg/Kg	6020/DOD
Magnesium		2400		96	mg/Kg	6020/DOD
Manganese		1200	D J	9.6	mg/Kg	6020/DOD
Nickel		24		0.48	mg/Kg	6020/DOD
Potassium		790		96	mg/Kg	6020/DOD
Selenium		0.80		0.48	mg/Kg	6020/DOD
Silver		0.056	J	0.096	mg/Kg	6020/DOD
Sodium		47	J	96	mg/Kg	6020/DOD
Thallium		0.22		0.19	mg/Kg	6020/DOD
Vanadium		19		0.48	mg/Kg	6020/DOD
Zinc		160		3.8	mg/Kg	6020/DOD
Hg		0.079	J	0.095	mg/Kg	7471/DOD
Percent Solids		98		0.10	%	Moisture
Percent Moisture		2.3		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-10	**068SD-00010-0001-SO**					
Anthracene		3.4	J	6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		18		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		27		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		51		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		16		6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		11	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		48	J	50	ug/Kg	8270C/DoD
Chrysene		36		6.7	ug/Kg	8270C/DoD
Dibenzofuran		4.7	J	50	ug/Kg	8270C/DoD
1,4-Dichlorobenzene		20	J	50	ug/Kg	8270C/DoD
Fluoranthene		50		6.7	ug/Kg	8270C/DoD
Fluorene		3.8	J	6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		20		6.7	ug/Kg	8270C/DoD
Isophorone		14	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		14		6.7	ug/Kg	8270C/DoD
Naphthalene		15		6.7	ug/Kg	8270C/DoD
Phenanthrene		25		6.7	ug/Kg	8270C/DoD
Pyrene		35		6.7	ug/Kg	8270C/DoD
Aluminum		13000		8.2	mg/Kg	6020/DOD
Antimony		0.13	J	0.16	mg/Kg	6020/DOD
Arsenic		16		0.41	mg/Kg	6020/DOD
Barium		75		0.41	mg/Kg	6020/DOD
Beryllium		0.74		0.082	mg/Kg	6020/DOD
Cadmium		0.49		0.16	mg/Kg	6020/DOD
Calcium		1200		160	mg/Kg	6020/DOD
Chromium		22		0.41	mg/Kg	6020/DOD
Cobalt		12		0.082	mg/Kg	6020/DOD
Copper		27		0.33	mg/Kg	6020/DOD
Iron		30000	D	200	mg/Kg	6020/DOD
Lead		21		0.25	mg/Kg	6020/DOD
Magnesium		2400		82	mg/Kg	6020/DOD
Manganese		770		0.41	mg/Kg	6020/DOD
Nickel		25		0.41	mg/Kg	6020/DOD
Potassium		790		82	mg/Kg	6020/DOD
Selenium		0.78		0.41	mg/Kg	6020/DOD
Silver		0.050	J	0.082	mg/Kg	6020/DOD
Sodium		43	J	82	mg/Kg	6020/DOD
Thallium		0.23		0.16	mg/Kg	6020/DOD
Vanadium		19		0.41	mg/Kg	6020/DOD
Zinc		130		3.3	mg/Kg	6020/DOD
Hg		0.078	J	0.098	mg/Kg	7471/DOD
Percent Solids		98		0.10	%	Moisture
Percent Moisture		2.2		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-11	**068SD-00011-0001-SO**					
Benzo[a]anthracene		12		6.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		22		6.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		31	M	6.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		8.0	M	6.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		35	J	51	ug/Kg	8270C/DoD
Chrysene		17		6.8	ug/Kg	8270C/DoD
Fluoranthene		30		6.8	ug/Kg	8270C/DoD
2-Methylnaphthalene		12		6.8	ug/Kg	8270C/DoD
Naphthalene		12		6.8	ug/Kg	8270C/DoD
Phenanthrene		18		6.8	ug/Kg	8270C/DoD
Pyrene		21		6.8	ug/Kg	8270C/DoD
Aluminum		8300		9.8	mg/Kg	6020/DOD
Antimony		0.11	J	0.20	mg/Kg	6020/DOD
Arsenic		9.6		0.49	mg/Kg	6020/DOD
Barium		76		0.49	mg/Kg	6020/DOD
Beryllium		0.49		0.098	mg/Kg	6020/DOD
Cadmium		0.26		0.20	mg/Kg	6020/DOD
Calcium		1300		200	mg/Kg	6020/DOD
Chromium		12		0.49	mg/Kg	6020/DOD
Cobalt		8.3		0.098	mg/Kg	6020/DOD
Copper		12		0.39	mg/Kg	6020/DOD
Iron		22000		49	mg/Kg	6020/DOD
Lead		20		0.29	mg/Kg	6020/DOD
Magnesium		1600		98	mg/Kg	6020/DOD
Manganese		480		0.49	mg/Kg	6020/DOD
Nickel		14		0.49	mg/Kg	6020/DOD
Potassium		500		98	mg/Kg	6020/DOD
Selenium		0.58		0.49	mg/Kg	6020/DOD
Silver		0.044	J	0.098	mg/Kg	6020/DOD
Sodium		38	J	98	mg/Kg	6020/DOD
Thallium		0.17	J	0.20	mg/Kg	6020/DOD
Vanadium		15		0.49	mg/Kg	6020/DOD
Zinc		56		3.9	mg/Kg	6020/DOD
Hg		0.088	J	0.098	mg/Kg	7471/DOD
Percent Solids		98		0.10	%	Moisture
Percent Moisture		2.2		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-12	**068SD-00012-0001-SO**					
Anthracene		4.9	J	6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		12		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		20		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		25		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		5.7	J M	6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		6.4	J M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		35	J	50	ug/Kg	8270C/DoD
Chrysene		17		6.7	ug/Kg	8270C/DoD
Fluoranthene		35		6.7	ug/Kg	8270C/DoD
Fluorene		5.8	J	6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		10		6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		7.7		6.7	ug/Kg	8270C/DoD
Naphthalene		8.4		6.7	ug/Kg	8270C/DoD
Phenanthrene		29		6.7	ug/Kg	8270C/DoD
Pyrene		24		6.7	ug/Kg	8270C/DoD
Aluminum		11000		8.7	mg/Kg	6020/DOD
Antimony		0.099	J	0.17	mg/Kg	6020/DOD
Arsenic		8.8		0.43	mg/Kg	6020/DOD
Barium		57		0.43	mg/Kg	6020/DOD
Beryllium		0.49		0.087	mg/Kg	6020/DOD
Cadmium		0.089	J	0.17	mg/Kg	6020/DOD
Calcium		1100		170	mg/Kg	6020/DOD
Chromium		20		0.43	mg/Kg	6020/DOD
Cobalt		7.2		0.087	mg/Kg	6020/DOD
Copper		13		0.35	mg/Kg	6020/DOD
Iron		21000		43	mg/Kg	6020/DOD
Lead		18		0.26	mg/Kg	6020/DOD
Magnesium		2100		87	mg/Kg	6020/DOD
Manganese		300		0.43	mg/Kg	6020/DOD
Nickel		16		0.43	mg/Kg	6020/DOD
Potassium		670		87	mg/Kg	6020/DOD
Selenium		0.50		0.43	mg/Kg	6020/DOD
Silver		0.033	J	0.087	mg/Kg	6020/DOD
Sodium		53	J	87	mg/Kg	6020/DOD
Thallium		0.17		0.17	mg/Kg	6020/DOD
Vanadium		20		0.43	mg/Kg	6020/DOD
Zinc		44		3.5	mg/Kg	6020/DOD
Hg		0.063	J	0.098	mg/Kg	7471/DOD
Percent Solids		98		0.10	%	Moisture
Percent Moisture		1.9		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-13	**076SW-0013-0001-SW**					
Total Recoverable						
Aluminum		170		60	ug/L	6020/DOD
Antimony		0.42	J	2.0	ug/L	6020/DOD
Arsenic		0.67	J	5.0	ug/L	6020/DOD
Barium		22		5.0	ug/L	6020/DOD
Calcium		48000		2000	ug/L	6020/DOD
Iron		440		150	ug/L	6020/DOD
Lead		0.32	J	1.0	ug/L	6020/DOD
Magnesium		11000		1000	ug/L	6020/DOD
Manganese		98		5.0	ug/L	6020/DOD
Potassium		2800		1000	ug/L	6020/DOD
Selenium		0.43	J	5.0	ug/L	6020/DOD
Sodium		4800		1000	ug/L	6020/DOD
Thallium		0.82	J	2.0	ug/L	6020/DOD
240-17422-14	**076SW-0014-0001-SW**					
Total Recoverable						
Aluminum		87		60	ug/L	6020/DOD
Arsenic		0.54	J	5.0	ug/L	6020/DOD
Barium		21		5.0	ug/L	6020/DOD
Calcium		46000		2000	ug/L	6020/DOD
Iron		310		150	ug/L	6020/DOD
Lead		0.22	J	1.0	ug/L	6020/DOD
Magnesium		10000		1000	ug/L	6020/DOD
Manganese		100		5.0	ug/L	6020/DOD
Potassium		2800		1000	ug/L	6020/DOD
Sodium		4500		1000	ug/L	6020/DOD
Thallium		0.33	J	2.0	ug/L	6020/DOD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17422-15	**076SW-0015-0001-SW**					
Total Recoverable						
Aluminum		68		60	ug/L	6020/DOD
Arsenic		0.50	J	5.0	ug/L	6020/DOD
Barium		25		5.0	ug/L	6020/DOD
Calcium		40000		2000	ug/L	6020/DOD
Copper		1.9	J	4.0	ug/L	6020/DOD
Iron		260		150	ug/L	6020/DOD
Lead		0.25	J	1.0	ug/L	6020/DOD
Magnesium		9300		1000	ug/L	6020/DOD
Manganese		48		5.0	ug/L	6020/DOD
Nickel		0.67	J	5.0	ug/L	6020/DOD
Potassium		2400		1000	ug/L	6020/DOD
Sodium		10000		1000	ug/L	6020/DOD
Zinc		11	J	40	ug/L	6020/DOD
240-17422-16TB	**073SS-0006-0001-TB**					
Chloromethane		0.30	J	1.0	ug/L	8260B/DoD
Methylene Chloride		0.41	J B	1.0	ug/L	8260B/DoD

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Closed System Purge and Trap	TAL NC		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL NC	SW846 8270C/DoD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Organochlorine Pesticides (GC)	TAL NC	SW846 8081/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Metals (ICP/MS)	TAL NC	SW846 6020/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Preparation, Metals	TAL NC		SW846 3050B
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Preparation, Mercury	TAL NC		SW846 7471A
Percent Moisture	TAL NC	EPA Moisture	
Nitroguanidine (HPLC)	TAL WSC	SW846 8330 Modified	
Sieve and Ultrasonic Water Bath Extraction (Explosives)	TAL WSC		SW846 Sieve/Ultrasoni
Nitroaromatics and Nitramines (HPLC)	TAL WSC	SW846 8330B	
Sonication Extraction (Explosives)	TAL WSC		SW846 8330B
Nitrocellulose	TAL WSC	TAL-SAC WS-WC-0050	
Nitrocellulose Sample Preparation (Hydrolysis)	TAL WSC		MCAWW 353 (NCell-Hyd)
Nitrocellulose Sample Preparation	TAL WSC		MCAWW 353.2 (NCell)
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Purge and Trap	TAL NC		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL NC	SW846 8270C/DoD	
Liquid-Liquid Extraction (Continuous)	TAL NC		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Liquid-Liquid Extraction (Continuous)	TAL NC		SW846 3520C
Metals (ICP/MS)	TAL NC	SW846 6020/DOD	
Preparation, Total Recoverable or Dissolved Metals	TAL NC		SW846 3005A
Mercury (CVAA)	TAL NC	SW846 7470A/DOD	
Preparation, Mercury	TAL NC		SW846 7470A

Lab References:

TAL NC = TestAmerica Canton

TAL WSC = TestAmerica West Sacramento

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Description	Lab Location	Method	Preparation Method

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-SAC = TestAmerica Laboratories, West Sacramento, Facility Standard Operating Procedure.

METHOD / ANALYST SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Lata, Todd	TL
SW846 8260B/DoD	Macenczak, Steven	SM
SW846 8260B/DoD	Quayle, Rick	RQ
SW846 8270C/DoD	Gruber, John	JG
SW846 8270C/DoD	Ulman, Mark	MU
SW846 8081/DOD	Van Doren, Carolyn	CV
SW846 8082/DOD	Hass, Lori	LH
SW846 6020/DOD	Toth, Natalie J	NJT
SW846 7470A/DOD	Heakin, David	DH
SW846 7471/DOD	Heakin, David	DH
EPA Moisture	Grossman, Lucas	LG
EPA Moisture	Harshman, Tom	TH
TAL-SAC WS-WC-0050	Baynes, Jason	JB
SW846 8330 Modified	Noonan, Robyn	RN
SW846 8330B	Noonan, Robyn	RN

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0019M-0001-SO**

Lab Sample ID: 240-17422-1 Date Sampled: 11/07/2012 1525
Client Matrix: Solid % Moisture: 18.2 Date Received: 11/08/2012 1735

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64955	Lab File ID:	149162.D
Dilution:	1.0			Initial Weight/Volume:	5.852 g
Analysis Date:	11/14/2012 2112			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.0	U	0.58	5.2
1,1,2,2-Tetrachloroethane		0.52	U	0.36	5.2
1,1,2-Trichloroethane		0.52	U	0.41	5.2
1,1-Dichloroethane		0.52	U	0.38	5.2
1,1-Dichloroethene		1.0	U	0.54	5.2
1,2-Dibromoethane		1.0	U	0.52	5.2
1,2-Dichloroethane		0.52	U	0.36	5.2
1,2-Dichloroethene, Total		1.0	U	0.80	10
1,2-Dichloropropane		1.0	U	0.72	5.2
2-Butanone (MEK)		3.1	J	1.5	21
2-Hexanone		1.0	U	0.66	21
4-Methyl-2-pentanone (MIBK)		1.0	U	0.56	21
Acetone		62		6.6	21
Benzene		0.52	U	0.24	5.2
Bromochloromethane		1.0	U	0.74	5.2
Bromodichloromethane		0.52	U	0.29	5.2
Bromoform		0.52	U	0.34	5.2
Bromomethane		1.0	U	0.56	5.2
Carbon disulfide		0.52	U	0.46	5.2
Carbon tetrachloride		0.52	U	0.39	5.2
Chlorobenzene		0.52	U	0.34	5.2
Chloroethane		1.0	U	0.90	5.2
Chloroform		0.52	U	0.30	5.2
Chloromethane		0.52	U	0.43	5.2
cis-1,3-Dichloropropene		0.52	U	0.36	5.2
Dibromochloromethane		1.0	U	0.57	5.2
Ethylbenzene		0.52	U	0.27	5.2
Methyl tert-butyl ether		0.52	U	0.45	5.2
Methylene Chloride		1.0	U	0.70	5.2
Styrene		0.52	U	0.16	5.2
Tetrachloroethene		1.0	U	0.54	5.2
Toluene		0.28	J	0.28	5.2
trans-1,3-Dichloropropene		1.0	U	0.56	5.2
Trichloroethene		0.52	U	0.44	5.2
Vinyl chloride		0.52	U	0.41	5.2
Xylenes, Total		1.6	U	0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
4-Bromofluorobenzene (Surr)	105		85 - 120
Dibromofluoromethane (Surr)	84		59 - 138
Toluene-d8 (Surr)	97		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid % Moisture: 23.4 Date Received: 11/08/2012 1735

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64955	Lab File ID:	149181.D
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	11/15/2012 1513			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.2	U	0.65	5.8
1,1,2,2-Tetrachloroethane		0.58	U	0.39	5.8
1,1,2-Trichloroethane		0.58	U	0.45	5.8
1,1-Dichloroethane		0.58	U	0.42	5.8
1,1-Dichloroethene		1.2	U	0.60	5.8
1,2-Dibromoethane		1.2	U	0.58	5.8
1,2-Dichloroethane		0.58	U	0.39	5.8
1,2-Dichloroethene, Total		1.2	U	0.89	12
1,2-Dichloropropane		1.2	U	0.80	5.8
2-Butanone (MEK)		2.3	U	1.6	23
2-Hexanone		1.2	U	0.73	23
4-Methyl-2-pentanone (MIBK)		1.2	U	0.63	23
Acetone		26		7.3	23
Benzene		0.58	U	0.27	5.8
Bromochloromethane		1.2	U	0.82	5.8
Bromodichloromethane		0.58	U	0.32	5.8
Bromoform		0.58	U	0.38	5.8
Bromomethane		1.2	U	0.63	5.8
Carbon disulfide		0.58	U	0.51	5.8
Carbon tetrachloride		0.58	U	0.43	5.8
Chlorobenzene		0.58	U J	0.38	5.8
Chloroethane		1.2	U	1.0	5.8
Chloroform		0.58	U	0.34	5.8
Chloromethane		0.58	U	0.47	5.8
cis-1,3-Dichloropropene		0.58	U	0.39	5.8
Dibromochloromethane		1.2	U	0.64	5.8
Ethylbenzene		0.58	U J	0.30	5.8
Methyl tert-butyl ether		0.58	U	0.50	5.8
Methylene Chloride		1.2	U	0.78	5.8
Styrene		0.58	U J	0.17	5.8
Tetrachloroethene		1.2	U	0.60	5.8
Toluene		0.58	U	0.31	5.8
trans-1,3-Dichloropropene		1.2	U	0.63	5.8
Trichloroethene		0.58	U	0.49	5.8
Vinyl chloride		0.58	U	0.45	5.8
Xylenes, Total		1.7	U J	0.78	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		61 - 130
4-Bromofluorobenzene (Surr)	100		85 - 120
Dibromofluoromethane (Surr)	77		59 - 138
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid % Moisture: 23.1 Date Received: 11/08/2012 1735

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64955	Lab File ID:	149166.D
Dilution:	1.0			Initial Weight/Volume:	5.515 g
Analysis Date:	11/14/2012 2238			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.2	U	0.66	5.9
1,1,2,2-Tetrachloroethane		0.59	U	0.40	5.9
1,1,2-Trichloroethane		0.59	U	0.46	5.9
1,1-Dichloroethane		0.59	U	0.42	5.9
1,1-Dichloroethene		1.2	U	0.61	5.9
1,2-Dibromoethane		1.2	U	0.59	5.9
1,2-Dichloroethane		0.59	U	0.40	5.9
1,2-Dichloroethene, Total		1.2	U	0.91	12
1,2-Dichloropropane		1.2	U	0.81	5.9
2-Butanone (MEK)		6.4	J	1.7	24
2-Hexanone		1.2	U	0.74	24
4-Methyl-2-pentanone (MIBK)		1.2	U	0.64	24
Acetone		120		7.4	24
Benzene		0.59	U	0.27	5.9
Bromochloromethane		1.2	U	0.84	5.9
Bromodichloromethane		0.59	U	0.33	5.9
Bromoform		0.59	U	0.39	5.9
Bromomethane		1.2	U	0.64	5.9
Carbon disulfide		0.59	U	0.52	5.9
Carbon tetrachloride		0.59	U	0.44	5.9
Chlorobenzene		0.59	U	0.39	5.9
Chloroethane		1.2	U	1.0	5.9
Chloroform		0.59	U	0.34	5.9
Chloromethane		0.59	U	0.48	5.9
cis-1,3-Dichloropropene		0.59	U	0.40	5.9
Dibromochloromethane		1.2	U	0.65	5.9
Ethylbenzene		0.59	U	0.31	5.9
Methyl tert-butyl ether		0.59	U	0.51	5.9
Methylene Chloride		1.2	U	0.79	5.9
Styrene		0.59	U	0.18	5.9
Tetrachloroethene		1.2	U	0.61	5.9
Toluene		0.36	J	0.32	5.9
trans-1,3-Dichloropropene		1.2	U	0.64	5.9
Trichloroethene		0.59	U	0.50	5.9
Vinyl chloride		0.59	U	0.46	5.9
Xylenes, Total		1.8	U	0.79	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		61 - 130
4-Bromofluorobenzene (Surr)	107		85 - 120
Dibromofluoromethane (Surr)	84		59 - 138
Toluene-d8 (Surr)	100		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid % Moisture: 27.2 Date Received: 11/08/2012 1735

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64955	Lab File ID:	149167.D
Dilution:	1.0			Initial Weight/Volume:	5.141 g
Analysis Date:	11/14/2012 2259			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.3	U	0.75	6.7
1,1,2,2-Tetrachloroethane		0.67	U	0.45	6.7
1,1,2-Trichloroethane		0.67	U	0.52	6.7
1,1-Dichloroethane		0.67	U	0.48	6.7
1,1-Dichloroethene		1.3	U	0.69	6.7
1,2-Dibromoethane		1.3	U	0.67	6.7
1,2-Dichloroethane		0.67	U	0.45	6.7
1,2-Dichloroethene, Total		1.3	U	1.0	13
1,2-Dichloropropane		1.3	U	0.92	6.7
2-Butanone (MEK)		2.7	U	1.9	27
2-Hexanone		1.3	U	0.84	27
4-Methyl-2-pentanone (MIBK)		1.3	U	0.72	27
Acetone		8.4	U	8.4	27
Benzene		0.67	U	0.31	6.7
Bromochloromethane		1.3	U	0.95	6.7
Bromodichloromethane		0.67	U	0.37	6.7
Bromoform		0.67	U	0.44	6.7
Bromomethane		1.3	U	0.72	6.7
Carbon disulfide		0.67	U	0.59	6.7
Carbon tetrachloride		0.67	U	0.49	6.7
Chlorobenzene		0.67	U	0.44	6.7
Chloroethane		1.3	U	1.1	6.7
Chloroform		0.67	U	0.39	6.7
Chloromethane		0.67	U	0.55	6.7
cis-1,3-Dichloropropene		0.67	U	0.45	6.7
Dibromochloromethane		1.3	U	0.73	6.7
Ethylbenzene		0.67	U	0.35	6.7
Methyl tert-butyl ether		0.67	U	0.57	6.7
Methylene Chloride		1.3	U	0.89	6.7
Styrene		0.67	U	0.20	6.7
Tetrachloroethene		1.3	U	0.69	6.7
Toluene		0.52	J	0.36	6.7
trans-1,3-Dichloropropene		1.3	U	0.72	6.7
Trichloroethene		0.67	U	0.56	6.7
Vinyl chloride		0.67	U	0.52	6.7
Xylenes, Total		2.0	U	0.89	13

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
4-Bromofluorobenzene (Surr)	123	Q	85 - 120
Dibromofluoromethane (Surr)	82		59 - 138
Toluene-d8 (Surr)	112		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid % Moisture: 18.9 Date Received: 11/08/2012 1735

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64955	Lab File ID:	149185.D
Dilution:	1.0			Initial Weight/Volume:	4.085 g
Analysis Date:	11/15/2012 1639			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.5	U	0.85	7.5
1,1,2,2-Tetrachloroethane		0.75	U	0.51	7.5
1,1,2-Trichloroethane		0.75	U	0.59	7.5
1,1-Dichloroethane		0.75	U	0.54	7.5
1,1-Dichloroethene		1.5	U	0.78	7.5
1,2-Dibromoethane		1.5	U	0.75	7.5
1,2-Dichloroethane		0.75	U	0.51	7.5
1,2-Dichloroethene, Total		1.5	U	1.2	15
1,2-Dichloropropane		1.5	U	1.0	7.5
2-Butanone (MEK)		3.0	U	2.1	30
2-Hexanone		1.5	U	0.95	30
4-Methyl-2-pentanone (MIBK)		1.5	U	0.82	30
Acetone		9.5	U	9.5	30
Benzene		0.75	U	0.35	7.5
Bromochloromethane		1.5	U	1.1	7.5
Bromodichloromethane		0.75	U	0.42	7.5
Bromoform		0.75	U	0.50	7.5
Bromomethane		1.5	U	0.82	7.5
Carbon disulfide		1.3	J	0.66	7.5
Carbon tetrachloride		0.75	U	0.56	7.5
Chlorobenzene		0.75	U	0.50	7.5
Chloroethane		1.5	U	1.3	7.5
Chloroform		0.75	U	0.44	7.5
Chloromethane		0.75	U	0.62	7.5
cis-1,3-Dichloropropene		0.75	U	0.51	7.5
Dibromochloromethane		1.5	U	0.83	7.5
Ethylbenzene		0.75	U	0.39	7.5
Methyl tert-butyl ether		0.75	U	0.65	7.5
Methylene Chloride		1.5	U	1.0	7.5
Styrene		0.75	U	0.23	7.5
Tetrachloroethene		1.5	U	0.78	7.5
Toluene		0.75	U	0.41	7.5
trans-1,3-Dichloropropene		1.5	U	0.82	7.5
Trichloroethene		0.75	U	0.63	7.5
Vinyl chloride		0.75	U	0.59	7.5
Xylenes, Total		2.3	U	1.0	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		61 - 130
4-Bromofluorobenzene (Surr)	115		85 - 120
Dibromofluoromethane (Surr)	81		59 - 138
Toluene-d8 (Surr)	103		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0006-0001-TB**

Lab Sample ID: 240-17422-16TB Date Sampled: 11/08/2012 0800
Client Matrix: Water Date Received: 11/08/2012 1735

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX0869.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1420			Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1420				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromochloromethane	0.50	U	0.29	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
2-Butanone (MEK)	0.57	U	0.57	10
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloroethane	0.50	U	0.29	1.0
Chloroform	0.25	U	0.16	1.0
Chloromethane	0.30	J	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
Ethylbenzene	0.25	U	0.17	1.0
2-Hexanone	0.50	U	0.41	10
Methylene Chloride	0.41	J B	0.33	1.0
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Methyl tert-butyl ether	0.25	U	0.17	1.0
Styrene	0.25	U	0.11	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	105		85 - 120
1,2-Dichloroethane-d4 (Surr)	103		70 - 120
4-Bromofluorobenzene (Surr)	91		75 - 120
Dibromofluoromethane (Surr)	104		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0019M-0001-SO**

Lab Sample ID: 240-17422-1 Date Sampled: 11/07/2012 1525
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65503	Lab File ID:	21123011.D
Dilution:	4.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.65 g
Analysis Date:	11/23/2012 1325			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		13	U	13	27
Acenaphthylene		13	U	13	27
Anthracene		13	U	13	27
Benzo[a]anthracene		13	U	13	27
Benzo[a]pyrene		46		13	27
Benzo[b]fluoranthene		28		13	27
Benzo[g,h,i]perylene		24	J M	13	27
Benzoic acid		1300	U	1300	2700
Benzo[k]fluoranthene		13	U	13	27
Benzyl alcohol		110	U	85	1300
Bis(2-chloroethoxy)methane		110	U	89	400
Bis(2-chloroethyl)ether		13	U	8.1	400
bis (2-chloroisopropyl) ether		110	U	38	400
Bis(2-ethylhexyl) phthalate		93	J	77	200
4-Bromophenyl phenyl ether		110	U	53	200
Butyl benzyl phthalate		110	U	40	200
Carbazole		110	U	110	200
4-Chloroaniline		110	U	69	610
4-Chloro-3-methylphenol		110	U	85	610
2-Chloronaphthalene		13	U	13	200
2-Chlorophenol		110	U	110	200
4-Chlorophenyl phenyl ether		110	U	53	200
Chrysene		13	U	4.5	27
Dibenz(a,h)anthracene		13	U	13	27
Dibenzofuran		13	U	13	200
1,4-Dichlorobenzene		110	U	81	200
1,2-Dichlorobenzene		110	U	39	200
1,3-Dichlorobenzene		110	U	45	200
3,3'-Dichlorobenzidine		320	U	73	400
2,4-Dichlorophenol		110	U	81	610
Diethyl phthalate		110	U	65	200
2,4-Dimethylphenol		320	U	81	610
Dimethyl phthalate		110	U	69	200
Di-n-butyl phthalate		110	U	61	200
4,6-Dinitro-2-methylphenol		320	U	320	610
2,4-Dinitrophenol		320	U	320	1300
2,4-Dinitrotoluene		110	U	110	810
2,6-Dinitrotoluene		110	U	85	810
Di-n-octyl phthalate		110	U	110	200
Fluoranthene		34		13	27
Fluorene		13	U	13	27
Hexachlorobenzene		13	U	8.5	27
Hexachlorobutadiene		110	U	110	200
Hexachlorocyclopentadiene		110	U	110	1300
Hexachloroethane		110	U	36	200

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0019M-0001-SO**

Lab Sample ID: 240-17422-1 Date Sampled: 11/07/2012 1525
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65503	Lab File ID:	21123011.D
Dilution:	4.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.65 g
Analysis Date:	11/23/2012 1325			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		13	U	13	27
Isophorone		110	U	53	200
2-Methylnaphthalene		19	J	13	27
2-Methylphenol		320	U	320	810
3 & 4 Methylphenol		320	U	81	1600
Naphthalene		16	J	13	27
2-Nitroaniline		110	U	37	810
3-Nitroaniline		320	U	65	810
4-Nitroaniline		110	U	110	810
Nitrobenzene		13	U	8.9	400
2-Nitrophenol		110	U	110	200
4-Nitrophenol		320	U	320	1300
N-Nitrosodi-n-propylamine		110	U	110	200
N-Nitrosodiphenylamine		110	U	85	200
Pentachlorophenol		320	U	320	610
Phenanthrene		31		13	27
Phenol		110	U	110	200
Pyrene		25	J	13	27
1,2,4-Trichlorobenzene		110	U	110	200
2,4,5-Trichlorophenol		110	U	100	610
2,4,6-Trichlorophenol		320	U	320	610

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	65		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	62		35 - 100
Terphenyl-d14 (Surr)	73		30 - 125
2,4,6-Tribromophenol (Surr)	75		35 - 125
Phenol-d5 (Surr)	68		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65503	Lab File ID:	21123008.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.46 g
Analysis Date:	11/23/2012 1215			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		19		3.3	6.6
Benzo[b]fluoranthene		19		3.3	6.6
Benzo[g,h,i]perylene		10	M	3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		9.7	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	98
Bis(2-chloroethyl)ether		3.3	U	2.0	98
bis (2-chloroisopropyl) ether		27	U	9.4	98
Bis(2-ethylhexyl) phthalate		36	J	19	49
4-Bromophenyl phenyl ether		27	U	13	49
Butyl benzyl phthalate		27	U	9.8	49
Carbazole		27	U	27	49
4-Chloroaniline		27	U J	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	49
2-Chlorophenol		27	U	27	49
4-Chlorophenyl phenyl ether		27	U	13	49
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		7.0	J	3.3	49
1,4-Dichlorobenzene		33	J	20	49
1,2-Dichlorobenzene		27	U	9.6	49
1,3-Dichlorobenzene		27	U	11	49
3,3'-Dichlorobenzidine		79	U J	18	98
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		21	J B	16	49
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	49
Di-n-butyl phthalate		16	J	15	49
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	49
Fluoranthene		28		3.3	6.6
Fluorene		4.7	J	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	49
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	49

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65503	Lab File ID:	21123008.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.46 g
Analysis Date:	11/23/2012 1215			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		13		3.3	6.6
Isophorone		20	J	13	49
2-Methylnaphthalene		18		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	390
Naphthalene		20		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U J	16	200
4-Nitroaniline		27	U J	26	200
Nitrobenzene		3.3	U	2.2	98
2-Nitrophenol		27	U	27	49
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	49
N-Nitrosodiphenylamine		27	U	21	49
Pentachlorophenol		79	U	79	150
Phenanthrene		22		3.3	6.6
Phenol		27	U	27	49
Pyrene		19		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	49
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	71		45 - 105
2-Fluorophenol (Surr)	78		35 - 105
Nitrobenzene-d5 (Surr)	78		35 - 100
Terphenyl-d14 (Surr)	79		30 - 125
2,4,6-Tribromophenol (Surr)	82		35 - 125
Phenol-d5 (Surr)	77		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65503	Lab File ID:	21123012.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.78 g
Analysis Date:	11/23/2012 1348			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		8.6		3.3	6.7
Benzo[a]pyrene		17		3.3	6.7
Benzo[b]fluoranthene		18		3.3	6.7
Benzo[g,h,i]perylene		7.3	M	3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		5.7	J	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		41	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		15		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		5.6	J	3.3	50
1,4-Dichlorobenzene		26	J	20	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		20	J B	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		19	J	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		21		3.3	6.7
Fluorene		4.0	J	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65503	Lab File ID:	21123012.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.78 g
Analysis Date:	11/23/2012 1348			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		12		3.3	6.7
Isophorone		19	J	13	50
2-Methylnaphthalene		15		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		17		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		16		3.3	6.7
Phenol		27	U	27	50
Pyrene		15		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	72		45 - 105
2-Fluorophenol (Surr)	77		35 - 105
Nitrobenzene-d5 (Surr)	75		35 - 100
Terphenyl-d14 (Surr)	79		30 - 125
2,4,6-Tribromophenol (Surr)	86		35 - 125
Phenol-d5 (Surr)	79		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0001M-0001-SO**

Lab Sample ID: 240-17422-4 Date Sampled: 11/08/2012 0915
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126013.D
Dilution:	4.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.31 g
Analysis Date:	11/26/2012 1445			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		13	U	13	26
Acenaphthylene		13	U	13	26
Anthracene		14	J	13	26
Benzo[a]anthracene		66		13	26
Benzo[a]pyrene		88		13	26
Benzo[b]fluoranthene		110		13	26
Benzo[g,h,i]perylene		41		13	26
Benzoic acid		1300	U	1300	2600
Benzo[k]fluoranthene		24	J M	13	26
Benzyl alcohol		110	U	83	1300
Bis(2-chloroethoxy)methane		110	U	87	400
Bis(2-chloroethyl)ether		13	U	7.9	400
bis (2-chloroisopropyl) ether		110	U	38	400
Bis(2-ethylhexyl) phthalate		110	U	75	200
4-Bromophenyl phenyl ether		110	U	51	200
Butyl benzyl phthalate		110	U	40	200
Carbazole		110	U	110	200
4-Chloroaniline		110	U	67	590
4-Chloro-3-methylphenol		110	U	83	590
2-Chloronaphthalene		13	U	13	200
2-Chlorophenol		110	U	110	200
4-Chlorophenyl phenyl ether		110	U	51	200
Chrysene		89		4.4	26
Dibenz(a,h)anthracene		13	U	13	26
Dibenzofuran		86	J	13	200
1,4-Dichlorobenzene		110	U	79	200
1,2-Dichlorobenzene		70	J	38	200
1,3-Dichlorobenzene		110	U	44	200
3,3'-Dichlorobenzidine		320	U	71	400
2,4-Dichlorophenol		110	U	79	590
Diethyl phthalate		110	U	63	200
2,4-Dimethylphenol		320	U	79	590
Dimethyl phthalate		110	U	67	200
Di-n-butyl phthalate		110	U	59	200
4,6-Dinitro-2-methylphenol		320	U	320	590
2,4-Dinitrophenol		320	U	320	1300
2,4-Dinitrotoluene		110	U	110	790
2,6-Dinitrotoluene		110	U	83	790
Di-n-octyl phthalate		110	U	110	200
Fluoranthene		110		13	26
Fluorene		15	J	13	26
Hexachlorobenzene		13	U	8.3	26
Hexachlorobutadiene		110	U	110	200
Hexachlorocyclopentadiene		110	U	110	1300
Hexachloroethane		110	U	36	200

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0001M-0001-SO**

Lab Sample ID: 240-17422-4 Date Sampled: 11/08/2012 0915
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126013.D
Dilution:	4.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.31 g
Analysis Date:	11/26/2012 1445			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		54		13	26
Isophorone		110	U	51	200
2-Methylnaphthalene		380		13	26
2-Methylphenol		320	U	320	790
3 & 4 Methylphenol		320	U	79	1600
Naphthalene		260		13	26
2-Nitroaniline		110	U	36	790
3-Nitroaniline		320	U	63	790
4-Nitroaniline		110	U	100	790
Nitrobenzene		13	U	8.7	400
2-Nitrophenol		110	U	110	200
4-Nitrophenol		320	U	320	1300
N-Nitrosodi-n-propylamine		110	U	110	200
N-Nitrosodiphenylamine		110	U	83	200
Pentachlorophenol		320	U	320	590
Phenanthrene		170		13	26
Phenol		110	U	110	200
Pyrene		98		13	26
1,2,4-Trichlorobenzene		110	U	110	200
2,4,5-Trichlorophenol		110	U	99	590
2,4,6-Trichlorophenol		320	U	320	590

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	67		45 - 105
2-Fluorophenol (Surr)	69		35 - 105
Nitrobenzene-d5 (Surr)	69		35 - 100
Terphenyl-d14 (Surr)	76		30 - 125
2,4,6-Tribromophenol (Surr)	77		35 - 125
Phenol-d5 (Surr)	73		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126014.D
Dilution:	4.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.69 g
Analysis Date:	11/26/2012 1508			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		13	U	13	27
Acenaphthylene		13	U	13	27
Anthracene		13	U	13	27
Benzo[a]anthracene		52		13	27
Benzo[a]pyrene		87		13	27
Benzo[b]fluoranthene		120		13	27
Benzo[g,h,i]perylene		29		13	27
Benzoic acid		1300	U	1300	2700
Benzo[k]fluoranthene		26	J M	13	27
Benzyl alcohol		110	U	85	1300
Bis(2-chloroethoxy)methane		110	U	89	400
Bis(2-chloroethyl)ether		13	U	8.1	400
bis (2-chloroisopropyl) ether		110	U	38	400
Bis(2-ethylhexyl) phthalate		110	U	77	200
4-Bromophenyl phenyl ether		110	U	53	200
Butyl benzyl phthalate		110	U	40	200
Carbazole		110	U	110	200
4-Chloroaniline		110	U	69	610
4-Chloro-3-methylphenol		110	U	85	610
2-Chloronaphthalene		13	U	13	200
2-Chlorophenol		110	U	110	200
4-Chlorophenyl phenyl ether		110	U	53	200
Chrysene		80		4.4	27
Dibenz(a,h)anthracene		13	U	13	27
Dibenzofuran		23	J	13	200
1,4-Dichlorobenzene		110	U	81	200
1,2-Dichlorobenzene		110	U	39	200
1,3-Dichlorobenzene		110	U	44	200
3,3'-Dichlorobenzidine		320	U	73	400
2,4-Dichlorophenol		110	U	81	610
Diethyl phthalate		110	U	65	200
2,4-Dimethylphenol		320	U	81	610
Dimethyl phthalate		110	U	69	200
Di-n-butyl phthalate		110	U	61	200
4,6-Dinitro-2-methylphenol		320	U	320	610
2,4-Dinitrophenol		320	U	320	1300
2,4-Dinitrotoluene		110	U	110	810
2,6-Dinitrotoluene		110	U	85	810
Di-n-octyl phthalate		110	U	110	200
Fluoranthene		99		13	27
Fluorene		13	U	13	27
Hexachlorobenzene		13	U	8.5	27
Hexachlorobutadiene		110	U	110	200
Hexachlorocyclopentadiene		110	U	110	1300
Hexachloroethane		110	U	36	200

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126014.D
Dilution:	4.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.69 g
Analysis Date:	11/26/2012 1508			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		54		13	27
Isophorone		110	U	53	200
2-Methylnaphthalene		90		13	27
2-Methylphenol		320	U	320	810
3 & 4 Methylphenol		320	U	81	1600
Naphthalene		63		13	27
2-Nitroaniline		110	U	37	810
3-Nitroaniline		320	U	65	810
4-Nitroaniline		110	U	110	810
Nitrobenzene		13	U	8.9	400
2-Nitrophenol		110	U	110	200
4-Nitrophenol		320	U	320	1300
N-Nitrosodi-n-propylamine		110	U	110	200
N-Nitrosodiphenylamine		110	U	85	200
Pentachlorophenol		320	U	320	610
Phenanthrene		61		13	27
Phenol		110	U	110	200
Pyrene		78		13	27
1,2,4-Trichlorobenzene		110	U	110	200
2,4,5-Trichlorophenol		110	U	100	610
2,4,6-Trichlorophenol		320	U	320	610

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	61		35 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	75		35 - 125
Phenol-d5 (Surr)	64		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126006.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.56 g
Analysis Date:	11/26/2012 1202			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.8
Acenaphthylene		6.6	J	3.3	6.8
Anthracene		16		3.3	6.8
Benzo[a]anthracene		57		3.3	6.8
Benzo[a]pyrene		65		3.3	6.8
Benzo[b]fluoranthene		110		3.3	6.8
Benzo[g,h,i]perylene		47		3.3	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		29	M	3.3	6.8
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		34	J	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		71		1.1	6.8
Dibenz(a,h)anthracene		3.3	U	3.3	6.8
Dibenzofuran		15	J	3.3	51
1,4-Dichlorobenzene		27	U	20	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
3,3'-Dichlorobenzidine		81	U J	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		120		3.3	6.8
Fluorene		8.5		3.3	6.8
Hexachlorobenzene		3.3	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126006.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.56 g
Analysis Date:	11/26/2012 1202			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		46		3.3	6.8
Isophorone		27	U	13	51
2-Methylnaphthalene		62		3.3	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		49		3.3	6.8
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U J	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		71		3.3	6.8
Phenol		27	U	27	51
Pyrene		88		3.3	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	59		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	72		30 - 125
2,4,6-Tribromophenol (Surr)	76		35 - 125
Phenol-d5 (Surr)	60		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0005M-0001-SO**

Lab Sample ID: 240-17422-8 Date Sampled: 11/08/2012 1030
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126016.D
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	29.93 g
Analysis Date:	11/26/2012 1555			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		240	D	33	67
Acenaphthylene		160	D	33	67
Anthracene		300	D	33	67
Benzo[a]anthracene		730	D	33	67
Benzo[a]pyrene		570	D	33	67
Benzo[b]fluoranthene		670	D M	33	67
Benzo[g,h,i]perylene		160	D M	33	67
Benzoic acid		3300	U M	3300	6600
Benzo[k]fluoranthene		190	D M	33	67
Benzyl alcohol		270	U	210	3300
Bis(2-chloroethoxy)methane		270	U	220	1000
Bis(2-chloroethyl)ether		33	U	20	1000
bis (2-chloroisopropyl) ether		270	U	95	1000
Bis(2-ethylhexyl) phthalate		270	U	190	500
4-Bromophenyl phenyl ether		270	U	130	500
Butyl benzyl phthalate		270	U	100	500
Carbazole		270	U	270	500
4-Chloroaniline		270	U	170	1500
4-Chloro-3-methylphenol		270	U	210	1500
2-Chloronaphthalene		33	U	33	500
2-Chlorophenol		270	U	270	500
4-Chlorophenyl phenyl ether		270	U	130	500
Chrysene		1000	D	11	67
Dibenz(a,h)anthracene		33	U	33	67
Dibenzofuran		2500	D	33	500
1,4-Dichlorobenzene		270	U	200	500
1,2-Dichlorobenzene		270	U	97	500
1,3-Dichlorobenzene		270	U	110	500
3,3'-Dichlorobenzidine		800	U	180	1000
2,4-Dichlorophenol		270	U	200	1500
Diethyl phthalate		270	U	160	500
2,4-Dimethylphenol		800	U	200	1500
Dimethyl phthalate		270	U	170	500
Di-n-butyl phthalate		270	U	150	500
4,6-Dinitro-2-methylphenol		800	U	800	1500
2,4-Dinitrophenol		800	U	800	3300
2,4-Dinitrotoluene		270	U	270	2000
2,6-Dinitrotoluene		270	U	210	2000
Di-n-octyl phthalate		270	U	270	500
Fluoranthene		860	D	33	67
Fluorene		33	U	33	67
Hexachlorobenzene		33	U	21	67
Hexachlorobutadiene		270	U	270	500
Hexachlorocyclopentadiene		270	U	270	3300
Hexachloroethane		270	U	90	500

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0005M-0001-SO**

Lab Sample ID: 240-17422-8 Date Sampled: 11/08/2012 1030
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126016.D
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	29.93 g
Analysis Date:	11/26/2012 1555			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		140	D	33	67
Isophorone		270	U	130	500
2-Methylnaphthalene		9100	D	33	67
2-Methylphenol		800	U	800	2000
3 & 4 Methylphenol		800	U	200	4000
Naphthalene		4600	D	33	67
2-Nitroaniline		270	U	91	2000
3-Nitroaniline		800	U	160	2000
4-Nitroaniline		270	U	260	2000
Nitrobenzene		33	U	22	1000
2-Nitrophenol		270	U	270	500
4-Nitrophenol		800	U	800	3300
N-Nitrosodi-n-propylamine		270	U	270	500
N-Nitrosodiphenylamine		270	U	210	500
Pentachlorophenol		800	U	800	1500
Phenanthrene		5500	D	33	67
Phenol		270	U	270	500
Pyrene		1000	D	33	67
1,2,4-Trichlorobenzene		270	U	270	500
2,4,5-Trichlorophenol		270	U	250	1500
2,4,6-Trichlorophenol		800	U	800	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	68		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	77		35 - 100
Terphenyl-d14 (Surr)	77		30 - 125
2,4,6-Tribromophenol (Surr)	74		35 - 125
Phenol-d5 (Surr)	76		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126009.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.37 g
Analysis Date:	11/26/2012 1312			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	J	3.3	6.6
Benzo[a]anthracene		16		3.3	6.6
Benzo[a]pyrene		26		3.3	6.6
Benzo[b]fluoranthene		46		3.3	6.6
Benzo[g,h,i]perylene		16		3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		12	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		38	J	19	49
4-Bromophenyl phenyl ether		27	U	13	49
Butyl benzyl phthalate		27	U	9.9	49
Carbazole		27	U	27	49
4-Chloroaniline		27	U J	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	49
2-Chlorophenol		27	U	27	49
4-Chlorophenyl phenyl ether		27	U	13	49
Chrysene		28		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	49
1,4-Dichlorobenzene		27	U	20	49
1,2-Dichlorobenzene		27	U	9.6	49
1,3-Dichlorobenzene		27	U	11	49
3,3'-Dichlorobenzidine		79	U J	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	49
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	49
Di-n-butyl phthalate		27	U	15	49
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	49
Fluoranthene		38		3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	49
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U J	8.9	49

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126009.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.37 g
Analysis Date:	11/26/2012 1312			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		17		3.3	6.6
Isophorone		27	U	13	49
2-Methylnaphthalene		13		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	400
Naphthalene		11		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U J	16	200
4-Nitroaniline		27	U J	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	49
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	49
N-Nitrosodiphenylamine		27	U	21	49
Pentachlorophenol		79	U	79	150
Phenanthrene		22		3.3	6.6
Phenol		27	U	27	49
Pyrene		28		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	49
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	60		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	73		35 - 125
Phenol-d5 (Surr)	67		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126012.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.78 g
Analysis Date:	11/26/2012 1422			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.4	J	3.3	6.7
Benzo[a]anthracene		18		3.3	6.7
Benzo[a]pyrene		27		3.3	6.7
Benzo[b]fluoranthene		51		3.3	6.7
Benzo[g,h,i]perylene		16		3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		11	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		48	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		36		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		4.7	J	3.3	50
1,4-Dichlorobenzene		20	J	20	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		50		3.3	6.7
Fluorene		3.8	J	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126012.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.78 g
Analysis Date:	11/26/2012 1422			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		20		3.3	6.7
Isophorone		14	J	13	50
2-Methylnaphthalene		14		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		15		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		25		3.3	6.7
Phenol		27	U	27	50
Pyrene		35		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	69		45 - 105
2-Fluorophenol (Surr)	79		35 - 105
Nitrobenzene-d5 (Surr)	77		35 - 100
Terphenyl-d14 (Surr)	77		30 - 125
2,4,6-Tribromophenol (Surr)	84		35 - 125
Phenol-d5 (Surr)	80		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00011-0001-SO**

Lab Sample ID: 240-17422-11 Date Sampled: 11/08/2012 1242
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126035.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.50 g
Analysis Date:	11/26/2012 1618			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.4	U	3.4	6.8
Acenaphthylene		3.4	U	3.4	6.8
Anthracene		3.4	U	3.4	6.8
Benzo[a]anthracene		12		3.4	6.8
Benzo[a]pyrene		22		3.4	6.8
Benzo[b]fluoranthene		31	M	3.4	6.8
Benzo[g,h,i]perylene		3.4	U	3.4	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		8.0	M	3.4	6.8
Benzyl alcohol		27	U	21	340
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.4	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.7	100
Bis(2-ethylhexyl) phthalate		35	J	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.4	U	3.4	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		17		1.1	6.8
Dibenz(a,h)anthracene		3.4	U	3.4	6.8
Dibenzofuran		3.4	U	3.4	51
1,4-Dichlorobenzene		27	U	20	51
1,2-Dichlorobenzene		27	U	9.9	51
1,3-Dichlorobenzene		27	U	11	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	340
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		30		3.4	6.8
Fluorene		3.4	U	3.4	6.8
Hexachlorobenzene		3.4	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	340
Hexachloroethane		27	U	9.2	51

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00011-0001-SO**

Lab Sample ID: 240-17422-11 Date Sampled: 11/08/2012 1242
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126035.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.50 g
Analysis Date:	11/26/2012 1618			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.4	U	3.4	6.8
Isophorone		27	U	13	51
2-Methylnaphthalene		12		3.4	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		12		3.4	6.8
2-Nitroaniline		27	U	9.3	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.4	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	340
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		18		3.4	6.8
Phenol		27	U	27	51
Pyrene		21		3.4	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	55		45 - 105
2-Fluorophenol (Surr)	62		35 - 105
Nitrobenzene-d5 (Surr)	56		35 - 100
Terphenyl-d14 (Surr)	62		30 - 125
2,4,6-Tribromophenol (Surr)	62		35 - 125
Phenol-d5 (Surr)	64		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00012-0001-SO**

Lab Sample ID: 240-17422-12 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126036.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.80 g
Analysis Date:	11/26/2012 1641			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		4.9	J	3.3	6.7
Benzo[a]anthracene		12		3.3	6.7
Benzo[a]pyrene		20		3.3	6.7
Benzo[b]fluoranthene		25		3.3	6.7
Benzo[g,h,i]perylene		5.7	J M	3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		6.4	J M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		35	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		17		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,4-Dichlorobenzene		27	U	20	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		35		3.3	6.7
Fluorene		5.8	J	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00012-0001-SO**

Lab Sample ID: 240-17422-12 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65764	Lab File ID:	21126036.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.80 g
Analysis Date:	11/26/2012 1641			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		10		3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		7.7		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		8.4		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		29		3.3	6.7
Phenol		27	U	27	50
Pyrene		24		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	67		30 - 125
2,4,6-Tribromophenol (Surr)	71		35 - 125
Phenol-d5 (Surr)	66		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0013-0001-SW**

Lab Sample ID: 240-17422-13 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-64920	Lab File ID:	21116008.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1136			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Acenaphthene	0.095	U	0.095	0.19
Acenaphthylene	0.095	U	0.095	0.19
Anthracene	0.095	U	0.095	0.19
Benzo[a]anthracene	0.095	U	0.095	0.19
Benzo[a]pyrene	0.095	U J	0.095	0.19
Benzo[b]fluoranthene	0.095	U	0.095	0.19
Benzo[g,h,i]perylene	0.095	U	0.095	0.19
Benzoic acid	9.5	U	9.5	24
Benzo[k]fluoranthene	0.095	U	0.095	0.19
Benzyl alcohol	0.76	U	0.36	4.8
Bis(2-chloroethoxy)methane	0.76	U	0.30	0.95
Bis(2-chloroethyl)ether	0.095	U	0.095	0.95
bis (2-chloroisopropyl) ether	0.76	U	0.38	0.95
Bis(2-ethylhexyl) phthalate	0.76	U	0.76	1.9
4-Bromophenyl phenyl ether	0.76	U	0.76	1.9
Butyl benzyl phthalate	0.76	U	0.76	0.95
Carbazole	0.76	U	0.27	0.95
4-Chloroaniline	0.76	U	0.76	1.9
4-Chloro-3-methylphenol	0.76	U	0.76	1.9
2-Chloronaphthalene	0.095	U	0.095	0.95
2-Chlorophenol	0.76	U	0.28	0.95
4-Chlorophenyl phenyl ether	0.76	U	0.29	1.9
Chrysene	0.095	U	0.095	0.19
Dibenz(a,h)anthracene	0.095	U	0.095	0.19
Dibenzofuran	0.095	U	0.095	0.95
1,4-Dichlorobenzene	0.76	U	0.32	0.95
1,2-Dichlorobenzene	0.76	U	0.28	0.95
1,3-Dichlorobenzene	0.76	U	0.76	0.95
3,3'-Dichlorobenzidine	0.76	U J	0.35	4.8
2,4-Dichlorophenol	0.76	U	0.76	1.9
Diethyl phthalate	0.76	U	0.57	0.95
2,4-Dimethylphenol	0.76	U	0.76	1.9
Dimethyl phthalate	0.76	U	0.28	0.95
Di-n-butyl phthalate	0.76	U	0.64	0.95
4,6-Dinitro-2-methylphenol	2.3	U	2.3	4.8
2,4-Dinitrophenol	2.3	U	2.3	4.8
2,4-Dinitrotoluene	0.76	U	0.26	4.8
2,6-Dinitrotoluene	0.76	U	0.76	4.8
Di-n-octyl phthalate	0.76	U	0.76	0.95
Fluoranthene	0.095	U	0.095	0.19
Fluorene	0.095	U	0.095	0.19
Hexachlorobenzene	0.095	U	0.095	0.19
Hexachlorobutadiene	0.76	U	0.26	0.95
Hexachlorocyclopentadiene	0.76	U	0.76	9.5
Hexachloroethane	0.76	U	0.76	0.95
Indeno[1,2,3-cd]pyrene	0.095	U	0.095	0.19

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0013-0001-SW**

Lab Sample ID: 240-17422-13 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-64920	Lab File ID:	21116008.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1136			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Isophorone	0.76	U	0.26	0.95
2-Methylnaphthalene	0.095	U	0.095	0.19
2-Methylphenol	0.76	U	0.76	0.95
3 & 4 Methylphenol	0.76	U	0.76	1.9
Naphthalene	0.095	U	0.095	0.19
2-Nitroaniline	0.76	U	0.76	1.9
3-Nitroaniline	0.76	U	0.27	1.9
4-Nitroaniline	0.76	U	0.76	1.9
Nitrobenzene	0.095	U	0.038	0.95
2-Nitrophenol	0.76	U	0.27	1.9
4-Nitrophenol	2.3	U	2.3	4.8
N-Nitrosodi-n-propylamine	0.76	U	0.76	0.95
N-Nitrosodiphenylamine	0.76	U J	0.30	0.95
Pentachlorophenol	2.3	U	2.3	4.8
Phenanthrene	0.095	U	0.095	0.19
Phenol	0.76	U	0.57	0.95
Pyrene	0.095	U J	0.095	0.19
1,2,4-Trichlorobenzene	0.76	U	0.27	0.95
2,4,5-Trichlorophenol	0.76	U	0.29	4.8
2,4,6-Trichlorophenol	0.76	U	0.76	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	70		50 - 110
2-Fluorophenol (Surr)	76		20 - 110
Nitrobenzene-d5 (Surr)	71		40 - 110
Terphenyl-d14 (Surr)	66		50 - 135
2,4,6-Tribromophenol (Surr)	75		40 - 125
Phenol-d5 (Surr)	78		10 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0014-0001-SW**

Lab Sample ID: 240-17422-14 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-64920	Lab File ID:	21116011.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/16/2012 1233			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Acenaphthene	0.097	U	0.097	0.19
Acenaphthylene	0.097	U	0.097	0.19
Anthracene	0.097	U	0.097	0.19
Benzo[a]anthracene	0.097	U	0.097	0.19
Benzo[a]pyrene	0.097	U	0.097	0.19
Benzo[b]fluoranthene	0.097	U	0.097	0.19
Benzo[g,h,i]perylene	0.097	U	0.097	0.19
Benzoic acid	9.7	U	9.7	24
Benzo[k]fluoranthene	0.097	U	0.097	0.19
Benzyl alcohol	0.78	U	0.37	4.9
Bis(2-chloroethoxy)methane	0.78	U	0.31	0.97
Bis(2-chloroethyl)ether	0.097	U	0.097	0.97
bis (2-chloroisopropyl) ether	0.78	U	0.39	0.97
Bis(2-ethylhexyl) phthalate	0.78	U	0.78	1.9
4-Bromophenyl phenyl ether	0.78	U	0.78	1.9
Butyl benzyl phthalate	0.78	U	0.78	0.97
Carbazole	0.78	U	0.27	0.97
4-Chloroaniline	0.78	U	0.78	1.9
4-Chloro-3-methylphenol	0.78	U	0.78	1.9
2-Chloronaphthalene	0.097	U	0.097	0.97
2-Chlorophenol	0.78	U	0.28	0.97
4-Chlorophenyl phenyl ether	0.78	U	0.29	1.9
Chrysene	0.097	U	0.097	0.19
Dibenz(a,h)anthracene	0.097	U	0.097	0.19
Dibenzofuran	0.097	U	0.097	0.97
1,4-Dichlorobenzene	0.78	U	0.33	0.97
1,2-Dichlorobenzene	0.78	U	0.28	0.97
1,3-Dichlorobenzene	0.78	U	0.78	0.97
3,3'-Dichlorobenzidine	0.78	U	0.36	4.9
2,4-Dichlorophenol	0.78	U	0.78	1.9
Diethyl phthalate	0.78	U	0.58	0.97
2,4-Dimethylphenol	0.78	U	0.78	1.9
Dimethyl phthalate	0.78	U	0.28	0.97
Di-n-butyl phthalate	0.78	U	0.65	0.97
4,6-Dinitro-2-methylphenol	2.3	U	2.3	4.9
2,4-Dinitrophenol	2.3	U	2.3	4.9
2,4-Dinitrotoluene	0.78	U	0.26	4.9
2,6-Dinitrotoluene	0.78	U	0.78	4.9
Di-n-octyl phthalate	0.78	U	0.78	0.97
Fluoranthene	0.097	U	0.097	0.19
Fluorene	0.097	U	0.097	0.19
Hexachlorobenzene	0.097	U	0.097	0.19
Hexachlorobutadiene	0.78	U	0.26	0.97
Hexachlorocyclopentadiene	0.78	U	0.78	9.7
Hexachloroethane	0.78	U	0.78	0.97
Indeno[1,2,3-cd]pyrene	0.097	U	0.097	0.19

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0014-0001-SW**

Lab Sample ID: 240-17422-14 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-64920	Lab File ID:	21116011.D
Dilution:	1.0			Initial Weight/Volume:	1030 mL
Analysis Date:	11/16/2012 1233			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Isophorone	0.78	U	0.26	0.97
2-Methylnaphthalene	0.097	U	0.097	0.19
2-Methylphenol	0.78	U	0.78	0.97
3 & 4 Methylphenol	0.78	U	0.78	1.9
Naphthalene	0.097	U	0.097	0.19
2-Nitroaniline	0.78	U	0.78	1.9
3-Nitroaniline	0.78	U	0.27	1.9
4-Nitroaniline	0.78	U	0.78	1.9
Nitrobenzene	0.097	U	0.039	0.97
2-Nitrophenol	0.78	U	0.27	1.9
4-Nitrophenol	2.3	U	2.3	4.9
N-Nitrosodi-n-propylamine	0.78	U	0.78	0.97
N-Nitrosodiphenylamine	0.78	U	0.30	0.97
Pentachlorophenol	2.3	U	2.3	4.9
Phenanthrene	0.097	U	0.097	0.19
Phenol	0.78	U	0.58	0.97
Pyrene	0.097	U	0.097	0.19
1,2,4-Trichlorobenzene	0.78	U	0.27	0.97
2,4,5-Trichlorophenol	0.78	U	0.29	4.9
2,4,6-Trichlorophenol	0.78	U	0.78	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	64		50 - 110
2-Fluorophenol (Surr)	67		20 - 110
Nitrobenzene-d5 (Surr)	66		40 - 110
Terphenyl-d14 (Surr)	66		50 - 135
2,4,6-Tribromophenol (Surr)	68		40 - 125
Phenol-d5 (Surr)	71		10 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0015-0001-SW**

Lab Sample ID: 240-17422-15 Date Sampled: 11/08/2012 1500
Client Matrix: Water Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-64920	Lab File ID:	21116012.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1252			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Acenaphthene	0.095	U	0.095	0.19
Acenaphthylene	0.095	U	0.095	0.19
Anthracene	0.095	U	0.095	0.19
Benzo[a]anthracene	0.095	U	0.095	0.19
Benzo[a]pyrene	0.095	U	0.095	0.19
Benzo[b]fluoranthene	0.095	U	0.095	0.19
Benzo[g,h,i]perylene	0.095	U	0.095	0.19
Benzoic acid	9.5	U	9.5	24
Benzo[k]fluoranthene	0.095	U	0.095	0.19
Benzyl alcohol	0.76	U	0.36	4.8
Bis(2-chloroethoxy)methane	0.76	U	0.30	0.95
Bis(2-chloroethyl)ether	0.095	U	0.095	0.95
bis (2-chloroisopropyl) ether	0.76	U	0.38	0.95
Bis(2-ethylhexyl) phthalate	0.76	U	0.76	1.9
4-Bromophenyl phenyl ether	0.76	U	0.76	1.9
Butyl benzyl phthalate	0.76	U	0.76	0.95
Carbazole	0.76	U	0.27	0.95
4-Chloroaniline	0.76	U	0.76	1.9
4-Chloro-3-methylphenol	0.76	U	0.76	1.9
2-Chloronaphthalene	0.095	U	0.095	0.95
2-Chlorophenol	0.76	U	0.28	0.95
4-Chlorophenyl phenyl ether	0.76	U	0.29	1.9
Chrysene	0.095	U	0.095	0.19
Dibenz(a,h)anthracene	0.095	U	0.095	0.19
Dibenzofuran	0.095	U	0.095	0.95
1,4-Dichlorobenzene	0.76	U	0.32	0.95
1,2-Dichlorobenzene	0.76	U	0.28	0.95
1,3-Dichlorobenzene	0.76	U	0.76	0.95
3,3'-Dichlorobenzidine	0.76	U	0.35	4.8
2,4-Dichlorophenol	0.76	U	0.76	1.9
Diethyl phthalate	0.76	U	0.57	0.95
2,4-Dimethylphenol	0.76	U	0.76	1.9
Dimethyl phthalate	0.76	U	0.28	0.95
Di-n-butyl phthalate	0.76	U	0.64	0.95
4,6-Dinitro-2-methylphenol	2.3	U	2.3	4.8
2,4-Dinitrophenol	2.3	U	2.3	4.8
2,4-Dinitrotoluene	0.76	U	0.26	4.8
2,6-Dinitrotoluene	0.76	U	0.76	4.8
Di-n-octyl phthalate	0.76	U	0.76	0.95
Fluoranthene	0.095	U	0.095	0.19
Fluorene	0.095	U	0.095	0.19
Hexachlorobenzene	0.095	U	0.095	0.19
Hexachlorobutadiene	0.76	U	0.26	0.95
Hexachlorocyclopentadiene	0.76	U	0.76	9.5
Hexachloroethane	0.76	U	0.76	0.95
Indeno[1,2,3-cd]pyrene	0.095	U	0.095	0.19

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0015-0001-SW**

Lab Sample ID: 240-17422-15 Date Sampled: 11/08/2012 1500
Client Matrix: Water Date Received: 11/08/2012 1735

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Prep Method:	3520C	Prep Batch:	240-64920	Lab File ID:	21116012.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1252			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Isophorone	0.76	U	0.26	0.95
2-Methylnaphthalene	0.095	U	0.095	0.19
2-Methylphenol	0.76	U	0.76	0.95
3 & 4 Methylphenol	0.76	U	0.76	1.9
Naphthalene	0.095	U	0.095	0.19
2-Nitroaniline	0.76	U	0.76	1.9
3-Nitroaniline	0.76	U	0.27	1.9
4-Nitroaniline	0.76	U	0.76	1.9
Nitrobenzene	0.095	U	0.038	0.95
2-Nitrophenol	0.76	U	0.27	1.9
4-Nitrophenol	2.3	U	2.3	4.8
N-Nitrosodi-n-propylamine	0.76	U	0.76	0.95
N-Nitrosodiphenylamine	0.76	U	0.30	0.95
Pentachlorophenol	2.3	U	2.3	4.8
Phenanthrene	0.095	U	0.095	0.19
Phenol	0.76	U	0.57	0.95
Pyrene	0.095	U	0.095	0.19
1,2,4-Trichlorobenzene	0.76	U	0.27	0.95
2,4,5-Trichlorophenol	0.76	U	0.29	4.8
2,4,6-Trichlorophenol	0.76	U	0.76	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	69		50 - 110
2-Fluorophenol (Surr)	73		20 - 110
Nitrobenzene-d5 (Surr)	69		40 - 110
Terphenyl-d14 (Surr)	72		50 - 135
2,4,6-Tribromophenol (Surr)	77		40 - 125
Phenol-d5 (Surr)	76		10 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.66 g
Dilution:	5.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1032			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		3.4	U	3.1	10
4,4'-DDE		3.4	U	2.0	8.6
4,4'-DDT		3.4	U	3.2	10
Aldrin		6.7	U	6.1	20
alpha-BHC		6.7	U	3.7	13
alpha-Chlordane		6.7	U	4.8	15
beta-BHC		6.7	U	5.6	18
delta-BHC		6.7	U	6.1	20
Dieldrin		3.4	U	2.4	8.6
Endosulfan I		3.4	U	2.6	8.6
Endosulfan II		6.7	U	4.1	13
Endosulfan sulfate		6.7	U	4.4	15
Endrin		3.4	U	2.5	8.6
Endrin aldehyde		6.7	U	5.1	15
Endrin ketone		3.4	U	3.2	10
gamma-BHC (Lindane)		6.7	U	3.7	13
gamma-Chlordane		3.4	U	2.1	8.6
Heptachlor		6.7	U	5.6	18
Heptachlor epoxide		6.7	U J	4.0	13
Methoxychlor		17	U	7.6	25
Toxaphene		100	U	96	340

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		55 - 130
Tetrachloro-m-xylene	89		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.66 g
Dilution:	5.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1032			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		55 - 130
Tetrachloro-m-xylene	91		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.96 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1156			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.67	U	0.62	2.0
4,4'-DDE		0.67	U	0.39	1.7
4,4'-DDT		0.67	U	0.63	2.0
Aldrin		1.3	U	1.2	4.0
alpha-BHC		1.3	U	0.73	2.5
alpha-Chlordane		1.3	U	0.94	3.0
beta-BHC		1.3	U	1.1	3.5
delta-BHC		1.3	U	1.2	4.0
Dieldrin		0.67	U	0.47	1.7
Endosulfan I		0.67	U M	0.52	1.7
Endosulfan II		1.3	U	0.82	2.5
Endosulfan sulfate		1.3	U	0.87	3.0
Endrin		0.67	U	0.50	1.7
Endrin aldehyde		1.3	U	1.0	3.0
Endrin ketone		0.67	U	0.63	2.0
gamma-BHC (Lindane)		1.3	U	0.74	2.5
gamma-Chlordane		0.67	U	0.42	1.7
Heptachlor		1.3	U	1.1	3.5
Heptachlor epoxide		1.3	U	0.80	2.5
Methoxychlor		3.3	U	1.5	5.0
Toxaphene		20	U	19	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	60		55 - 130
Tetrachloro-m-xylene	70		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.96 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1156			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		55 - 130
Tetrachloro-m-xylene	71		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.56 g
Dilution:	20	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1224			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		14	U	13	41
4,4'-DDE		14	U M	7.9	35
4,4'-DDT		14	U	13	41
Aldrin		27	U	24	81
alpha-BHC		27	U	15	51
alpha-Chlordane		27	U	19	61
beta-BHC		27	U	22	71
delta-BHC		27	U	24	81
Dieldrin		14	U	9.5	35
Endosulfan I		14	U	11	35
Endosulfan II		27	U	17	51
Endosulfan sulfate		27	U	18	61
Endrin		14	U	10	35
Endrin aldehyde		27	U	20	61
Endrin ketone		14	U	13	41
gamma-BHC (Lindane)		27	U	15	51
gamma-Chlordane		14	U	8.5	35
Heptachlor		27	U	22	71
Heptachlor epoxide		27	U	16	51
Methoxychlor		67	U	30	100
Toxaphene		410	U	390	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		55 - 130
Tetrachloro-m-xylene	104		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.56 g
Dilution:	20	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1224			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		55 - 130
Tetrachloro-m-xylene	105		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.67 g
Dilution:	20	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1248			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		14	U	13	40
4,4'-DDE		14	U	7.9	34
4,4'-DDT		14	U	13	40
Aldrin		27	U	24	81
alpha-BHC		27	U	15	51
alpha-Chlordane		27	U	19	61
beta-BHC		140	J D	22	71
delta-BHC		27	U	24	81
Dieldrin		14	U	9.5	34
Endosulfan I		14	U	11	34
Endosulfan II		27	U	17	51
Endosulfan sulfate		27	U	18	61
Endrin		14	U	10	34
Endrin aldehyde		27	U	20	61
Endrin ketone		14	U	13	40
gamma-BHC (Lindane)		27	U	15	51
gamma-Chlordane		14	U	8.5	34
Heptachlor		27	U	22	71
Heptachlor epoxide		27	U J	16	51
Methoxychlor		67	U	30	100
Toxaphene		400	U	380	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70	M	55 - 130
Tetrachloro-m-xylene	109		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65501	Initial Weight/Volume:	29.67 g
Dilution:	20	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1248			Injection Volume:	1 uL
Prep Date:	11/18/2012 1123			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		55 - 130
Tetrachloro-m-xylene	107		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.66 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1011			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		40 - 140
DCB Decachlorobiphenyl	63		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.66 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1011			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66		40 - 140
DCB Decachlorobiphenyl	60		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.96 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1125			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66		40 - 140
DCB Decachlorobiphenyl	61		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.96 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1125			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		40 - 140
DCB Decachlorobiphenyl	58	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.56 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1140			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	41
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	87		40 - 140
DCB Decachlorobiphenyl	85		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.56 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1140			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		40 - 140
DCB Decachlorobiphenyl	78		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.67 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1155			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U J	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U J	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		40 - 140
DCB Decachlorobiphenyl	85		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.67 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1155			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	77		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	30.40 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1240			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		24	U	16	49
Aroclor-1016		24	U	21	64
Aroclor-1232		24	U	14	44
Aroclor-1242		24	U	13	39
Aroclor-1248		24	U	17	54
Aroclor-1254		24	U	17	54
Aroclor-1260		24	U	17	54

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		40 - 140
DCB Decachlorobiphenyl	81		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	30.40 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1240			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	71		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.79 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1340			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	79		40 - 140
DCB Decachlorobiphenyl	80		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.79 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1340			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	72		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00011-0001-SO**

Lab Sample ID: 240-17422-11 Date Sampled: 11/08/2012 1242
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.53 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1355			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	41
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		40 - 140
DCB Decachlorobiphenyl	78		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00011-0001-SO**

Lab Sample ID: 240-17422-11 Date Sampled: 11/08/2012 1242
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	29.53 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1355			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	71		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00012-0001-SO**

Lab Sample ID: 240-17422-12 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	30.46 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1410			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		24	U	16	49
Aroclor-1016		24	U	21	64
Aroclor-1232		24	U	14	44
Aroclor-1242		24	U	13	39
Aroclor-1248		24	U	17	54
Aroclor-1254		24	U	17	54
Aroclor-1260		24	U	17	54

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	69		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00012-0001-SO**

Lab Sample ID: 240-17422-12 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65499	Initial Weight/Volume:	30.46 g
Dilution:	1.0	Leach Batch:	240-65056	Final Weight/Volume:	10 mL
Analysis Date:	11/21/2012 1410			Injection Volume:	1 uL
Prep Date:	11/18/2012 1116			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		40 - 140
DCB Decachlorobiphenyl	68		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0013-0001-SW**

Lab Sample ID: 240-17422-13 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-64779	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/18/2012 1613			Injection Volume:	1 uL
Prep Date:	11/13/2012 0955			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aroclor-1221	0.19	U	0.12	0.48
Aroclor-1016	0.19	U	0.16	0.48
Aroclor-1232	0.19	U	0.15	0.48
Aroclor-1242	0.38	U	0.21	0.48
Aroclor-1248	0.19	U	0.095	0.48
Aroclor-1254	0.19	U	0.15	0.48
Aroclor-1260	0.19	U	0.16	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		40 - 140
DCB Decachlorobiphenyl	65		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0013-0001-SW**

Lab Sample ID: 240-17422-13 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-64779	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/18/2012 1613			Injection Volume:	1 uL
Prep Date:	11/13/2012 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		40 - 140
DCB Decachlorobiphenyl	64		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0014-0001-SW**

Lab Sample ID: 240-17422-14 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-64779	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/18/2012 1657			Injection Volume:	1 uL
Prep Date:	11/13/2012 0955			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aroclor-1221	0.19	U	0.13	0.48
Aroclor-1016	0.19	U	0.16	0.48
Aroclor-1232	0.19	U	0.15	0.48
Aroclor-1242	0.38	U	0.21	0.48
Aroclor-1248	0.19	U	0.096	0.48
Aroclor-1254	0.19	U	0.15	0.48
Aroclor-1260	0.19	U	0.16	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	90		40 - 140
DCB Decachlorobiphenyl	60		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0014-0001-SW**

Lab Sample ID: 240-17422-14 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-64779	Initial Weight/Volume:	1040 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/18/2012 1657			Injection Volume:	1 uL
Prep Date:	11/13/2012 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 140
DCB Decachlorobiphenyl	58		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0015-0001-SW**

Lab Sample ID: 240-17422-15 Date Sampled: 11/08/2012 1500
Client Matrix: Water Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-64779	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/18/2012 1712			Injection Volume:	1 uL
Prep Date:	11/13/2012 0955			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aroclor-1221	0.19	U	0.12	0.48
Aroclor-1016	0.19	U	0.16	0.48
Aroclor-1232	0.19	U	0.15	0.48
Aroclor-1242	0.38	U	0.21	0.48
Aroclor-1248	0.19	U	0.095	0.48
Aroclor-1254	0.19	U	0.15	0.48
Aroclor-1260	0.19	U	0.16	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	90		40 - 140
DCB Decachlorobiphenyl	51		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0015-0001-SW**

Lab Sample ID: 240-17422-15 Date Sampled: 11/08/2012 1500
Client Matrix: Water Date Received: 11/08/2012 1735

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-64779	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5.0 mL
Analysis Date:	11/18/2012 1712			Injection Volume:	1 uL
Prep Date:	11/13/2012 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	52		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-023-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	11/26/2012 1702			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-027-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	11/26/2012 1800			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-028-1.d
Dilution:	1.0			Initial Weight/Volume:	2.03 g
Analysis Date:	11/26/2012 1814			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-029-1.d
Dilution:	1.0			Initial Weight/Volume:	2.05 g
Analysis Date:	11/26/2012 1828			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.24

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	9.99 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 1111			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.016	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.041	J	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	100		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	9.99 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0705			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	100	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.38 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 1354			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.048	U	0.012	0.24
4-Amino-2,6-dinitrotoluene		0.048	U	0.0096	0.24
1,3-Dinitrobenzene		0.048	U	0.0040	0.24
2,4-Dinitrotoluene		0.048	U	0.0051	0.24
2,6-Dinitrotoluene		0.048	U	0.0070	0.24
HMX		0.048	U	0.012	0.24
Nitrobenzene		0.048	U	0.017	0.24
Nitroglycerin		0.24	U	0.014	0.48
2-Nitrotoluene		0.048	U	0.013	0.24
3-Nitrotoluene		0.048	U	0.015	0.24
4-Nitrotoluene		0.048	U	0.018	0.24
PETN		0.24	U	0.024	0.48
RDX		0.048	U	0.012	0.24
Tetryl		0.030	J	0.0096	0.24
1,3,5-Trinitrobenzene		0.048	U	0.0096	0.24
2,4,6-Trinitrotoluene		0.048	U	0.019	0.24

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	97		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.38 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0811			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	96	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.19 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 1434			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.049	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.049	U	0.0098	0.25
1,3-Dinitrobenzene		0.049	U	0.0041	0.25
2,4-Dinitrotoluene		0.049	U	0.0052	0.25
2,6-Dinitrotoluene		0.049	U	0.0072	0.25
HMX		0.049	U	0.012	0.25
Nitroglycerin		0.25	U	0.015	0.49
2-Nitrotoluene		0.049	U	0.013	0.25
3-Nitrotoluene		0.049	U	0.015	0.25
4-Nitrotoluene		0.049	U	0.018	0.25
PETN		0.25	U	0.025	0.49
RDX		0.049	U	0.012	0.25
Tetryl		0.016	J	0.0098	0.25
1,3,5-Trinitrobenzene		0.049	U	0.0098	0.25
2,4,6-Trinitrotoluene		0.049	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	98		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.19 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0916			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitrobenzene		0.049	U	0.017	0.25

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.19 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0916			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	121	M Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.03 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 1515			Injection Volume:	500 uL
Prep Date:	11/16/2012 1107			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.024	J	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	96		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.03 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 1022			Injection Volume:	500 uL
Prep Date:	11/16/2012 1107			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	120	M Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0019M-0001-SO**

Lab Sample ID: 240-17422-1 Date Sampled: 11/07/2012 1525
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.12 g
Analysis Date:	11/23/2012 1623			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		11000		2.2	8.9
Antimony		0.17	J	0.055	0.18
Arsenic		13		0.047	0.45
Barium		86		0.12	0.45
Beryllium		0.65		0.0031	0.089
Cadmium		0.24		0.0028	0.18
Calcium		2400		36	180
Chromium		20		0.14	0.45
Cobalt		8.3		0.0040	0.089
Copper		16		0.098	0.36
Iron		23000		9.7	45
Lead		62		0.063	0.27
Magnesium		2300		7.9	89
Manganese		570		0.14	0.45
Nickel		20		0.077	0.45
Potassium		1100		3.4	89
Selenium		0.58		0.018	0.45
Silver		0.17		0.014	0.089
Sodium		41	J	13	89
Thallium		0.16	J	0.050	0.18
Vanadium		19		0.039	0.45
Zinc		100		0.89	3.6

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.62 g
Analysis Date:	11/16/2012 1914			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.13		0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1522			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		11000		2.3	9.3
Antimony		0.17	J	0.057	0.19
Arsenic		11		0.048	0.46
Barium		100		0.12	0.46
Beryllium		0.62		0.0032	0.093
Cadmium		0.20		0.0029	0.19
Calcium		1100		37	190
Chromium		16		0.15	0.46
Cobalt		9.4		0.0042	0.093
Copper		12		0.10	0.37
Iron		19000		10	46
Lead		38		0.065	0.28
Magnesium		2000		8.2	93
Manganese		760	J	0.15	0.46
Nickel		18		0.080	0.46
Potassium		830		3.5	93
Selenium		0.60		0.019	0.46
Silver		0.073	J	0.015	0.093
Sodium		31	J	13	93
Thallium		0.21		0.052	0.19
Vanadium		18		0.040	0.46
Zinc		120		0.93	3.7

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1904			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.077	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.20 g
Analysis Date:	11/23/2012 1628			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		10000		2.1	8.3
Antimony		0.17		0.052	0.17
Arsenic		11		0.044	0.42
Barium		88		0.11	0.42
Beryllium		0.54		0.0029	0.083
Cadmium		0.15	J	0.0026	0.17
Calcium		1100		33	170
Chromium		15		0.13	0.42
Cobalt		9.4		0.0038	0.083
Copper		12		0.092	0.33
Iron		21000		9.1	42
Lead		36		0.059	0.25
Magnesium		2100		7.4	83
Manganese		700		0.13	0.42
Nickel		18		0.072	0.42
Potassium		790		3.1	83
Selenium		0.50		0.017	0.42
Silver		0.13		0.013	0.083
Sodium		26	J	12	83
Thallium		0.17		0.047	0.17
Vanadium		18		0.036	0.42
Zinc		77		0.83	3.3

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.67 g
Analysis Date:	11/16/2012 1915			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.083	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0001M-0001-SO**

Lab Sample ID: 240-17422-4 Date Sampled: 11/08/2012 0915
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.12 g
Analysis Date:	11/23/2012 1633			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		9600		2.2	8.9
Antimony		0.19		0.055	0.18
Arsenic		18		0.047	0.45
Barium		64		0.12	0.45
Beryllium		0.62		0.0031	0.089
Cadmium		0.26		0.0028	0.18
Calcium		6900		36	180
Chromium		20		0.14	0.45
Cobalt		9.2		0.0040	0.089
Copper		24		0.098	0.36
Lead		35		0.063	0.27
Magnesium		3300		7.9	89
Manganese		430		0.14	0.45
Nickel		28		0.077	0.45
Potassium		1200		3.4	89
Selenium		0.81		0.018	0.45
Silver		0.027	J	0.014	0.089
Sodium		81	J	13	89
Thallium		0.19		0.050	0.18
Vanadium		16		0.039	0.45
Zinc		110		0.89	3.6

Analysis Method:	6020/DOD	Analysis Batch:	240-66869	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112912A.csv
Dilution:	5.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.12 g
Analysis Date:	11/30/2012 0550			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Iron		29000	D	49	220

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.70 g
Analysis Date:	11/16/2012 1916			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0001M-0001-SO**

Lab Sample ID: 240-17422-4 Date Sampled: 11/08/2012 0915
Client Matrix: Solid Date Received: 11/08/2012 1735

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.19		0.012	0.086

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.19 g
Analysis Date:	11/23/2012 1638			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		6900		2.1	8.4
Antimony		0.087	J	0.052	0.17
Arsenic		9.4		0.044	0.42
Barium		48		0.11	0.42
Beryllium		0.49		0.0029	0.084
Cadmium		0.22		0.0026	0.17
Calcium		4400		34	170
Chromium		19		0.13	0.42
Cobalt		6.8		0.0038	0.084
Copper		13		0.092	0.34
Iron		17000		9.2	42
Lead		14		0.059	0.25
Magnesium		2300		7.5	84
Manganese		380		0.13	0.42
Nickel		22		0.073	0.42
Potassium		950		3.2	84
Selenium		0.47		0.017	0.42
Silver		0.38		0.013	0.084
Sodium		42	J	12	84
Thallium		0.11	J	0.047	0.17
Vanadium		11		0.036	0.42
Zinc		64		0.84	3.4

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1921			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.051	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.06 g
Analysis Date:	11/23/2012 1643			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		6600	J	2.3	9.4
Antimony		0.098	J	0.058	0.19
Arsenic		9.7		0.049	0.47
Barium		49		0.12	0.47
Beryllium		0.47		0.0033	0.094
Cadmium		0.21		0.0029	0.19
Calcium		4700		38	190
Chromium		17		0.15	0.47
Cobalt		7.1		0.0042	0.094
Copper		14		0.10	0.38
Iron		18000	J	10	47
Lead		15		0.067	0.28
Magnesium		2300		8.4	94
Manganese		410	J	0.15	0.47
Nickel		22		0.082	0.47
Potassium		840		3.5	94
Selenium		0.44	J	0.020	0.47
Silver		0.44		0.015	0.094
Sodium		40	J	13	94
Thallium		0.11	J	0.053	0.19
Vanadium		11		0.041	0.47
Zinc		64		0.94	3.8

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1922			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.053	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **073SS-0005M-0001-SO**

Lab Sample ID: 240-17422-8 Date Sampled: 11/08/2012 1030
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	1.15 g
Analysis Date:	11/23/2012 1718			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		16000	D	22	87
Antimony		1.3	U	0.54	1.7
Arsenic		28	D	0.45	4.3
Barium		160	D	1.1	4.3
Beryllium		3.3	D	0.030	0.87
Cadmium		0.61	J D	0.027	1.7
Calcium		62000	D	350	1700
Chromium		13	D	1.4	4.3
Cobalt		8.7	D	0.039	0.87
Copper		16	D	0.96	3.5
Iron		16000	D	95	430
Lead		26	D	0.61	2.6
Magnesium		9800	D	77	870
Manganese		1900	D	1.4	4.3
Nickel		24	D	0.75	4.3
Potassium		1000	D	33	870
Selenium		2.3	J D	0.18	4.3
Silver		0.43	U	0.14	0.87
Sodium		410	J D	120	870
Thallium		1.3	U	0.49	1.7
Vanadium		6.5	D	0.38	4.3
Zinc		99	D	8.7	35

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1929			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.093	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1722			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		12000	J	2.4	9.6
Antimony		0.13	J	0.060	0.19
Arsenic		16		0.050	0.48
Barium		78		0.13	0.48
Beryllium		0.76		0.0034	0.096
Cadmium		0.61		0.0030	0.19
Calcium		1500		39	190
Chromium		21		0.15	0.48
Cobalt		12		0.0043	0.096
Copper		30		0.11	0.38
Iron		26000	J	10	48
Lead		23		0.068	0.29
Magnesium		2400		8.6	96
Nickel		24		0.083	0.48
Potassium		790		3.6	96
Selenium		0.80		0.020	0.48
Silver		0.056	J	0.015	0.096
Sodium		47	J	13	96
Thallium		0.22		0.054	0.19
Vanadium		19		0.042	0.48
Zinc		160		0.96	3.8

Analysis Method:	6020/DOD	Analysis Batch:	240-67023	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8113012B.csv
Dilution:	20	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/30/2012 1225			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		1200	D J	3.1	9.6

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1930			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.079	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.22 g
Analysis Date:	11/23/2012 1739			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		13000		2.0	8.2
Antimony		0.13	J	0.051	0.16
Arsenic		16		0.043	0.41
Barium		75		0.11	0.41
Beryllium		0.74		0.0029	0.082
Cadmium		0.49		0.0025	0.16
Calcium		1200		33	160
Chromium		22		0.13	0.41
Cobalt		12		0.0037	0.082
Copper		27		0.090	0.33
Lead		21		0.058	0.25
Magnesium		2400		7.3	82
Manganese		770		0.13	0.41
Nickel		25		0.071	0.41
Potassium		790		3.1	82
Selenium		0.78		0.017	0.41
Silver		0.050	J	0.013	0.082
Sodium		43	J	11	82
Thallium		0.23		0.046	0.16
Vanadium		19		0.035	0.41
Zinc		130		0.82	3.3

Analysis Method:	6020/DOD	Analysis Batch:	240-66869	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112912A.csv
Dilution:	5.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.22 g
Analysis Date:	11/30/2012 0612			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Iron		30000	D	45	200

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1935			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.078	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00011-0001-SO**

Lab Sample ID: 240-17422-11 Date Sampled: 11/08/2012 1242
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.02 g
Analysis Date:	11/23/2012 1744			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		8300		2.4	9.8
Antimony		0.11	J	0.061	0.20
Arsenic		9.6		0.051	0.49
Barium		76		0.13	0.49
Beryllium		0.49		0.0034	0.098
Cadmium		0.26		0.0030	0.20
Calcium		1300		39	200
Chromium		12		0.16	0.49
Cobalt		8.3		0.0044	0.098
Copper		12		0.11	0.39
Iron		22000		11	49
Lead		20		0.069	0.29
Magnesium		1600		8.7	98
Manganese		480		0.16	0.49
Nickel		14		0.085	0.49
Potassium		500		3.7	98
Selenium		0.58		0.020	0.49
Silver		0.044	J	0.016	0.098
Sodium		38	J	14	98
Thallium		0.17	J	0.055	0.20
Vanadium		15		0.042	0.49
Zinc		56		0.98	3.9

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1940			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.088	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **068SD-00012-0001-SO**

Lab Sample ID: 240-17422-12 Date Sampled: 11/08/2012 1235
Client Matrix: Solid Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.15 g
Analysis Date:	11/23/2012 1749			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		11000		2.2	8.7
Antimony		0.099	J	0.054	0.17
Arsenic		8.8		0.045	0.43
Barium		57		0.11	0.43
Beryllium		0.49		0.0030	0.087
Cadmium		0.089	J	0.0027	0.17
Calcium		1100		35	170
Chromium		20		0.14	0.43
Cobalt		7.2		0.0039	0.087
Copper		13		0.096	0.35
Iron		21000		9.5	43
Lead		18		0.061	0.26
Magnesium		2100		7.7	87
Manganese		300		0.14	0.43
Nickel		16		0.075	0.43
Potassium		670		3.3	87
Selenium		0.50		0.018	0.43
Silver		0.033	J	0.014	0.087
Sodium		53	J	12	87
Thallium		0.17		0.049	0.17
Vanadium		20		0.038	0.43
Zinc		44		0.87	3.5

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1941			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.063	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0013-0001-SW**

Lab Sample ID: 240-17422-13 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020/DOD	Analysis Batch:	240-68088	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1106			Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aluminum	170		20	60
Antimony	0.42	J	0.21	2.0
Arsenic	0.67	J	0.44	5.0
Barium	22		1.6	5.0
Beryllium	0.50	U	0.50	1.0
Cadmium	0.40	U	0.40	2.0
Calcium	48000		540	2000
Chromium	1.5	U	0.53	2.0
Cobalt	0.20	U	0.20	1.0
Copper	4.0	U	1.4	4.0
Iron	440		44	150
Lead	0.32	J	0.20	1.0
Magnesium	11000		120	1000
Manganese	98		1.1	5.0
Nickel	1.5	U	0.62	5.0
Potassium	2800		16	1000
Selenium	0.43	J	0.20	5.0
Silver	0.25	U	0.080	1.0
Sodium	4800		160	1000
Thallium	0.82	J	0.32	2.0
Vanadium	1.5	U	0.51	5.0
Zinc	20	U	8.8	40

7470A/DOD Mercury (CVAA)

Analysis Method:	7470A/DOD	Analysis Batch:	240-66485	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-66219	Lab File ID:	112712A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/27/2012 1559			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1525				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Mercury	0.20	U	0.12	0.20

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0014-0001-SW**

Lab Sample ID: 240-17422-14 Date Sampled: 11/08/2012 1430
Client Matrix: Water Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020/DOD	Analysis Batch:	240-68088	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1209			Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aluminum	87		20	60
Antimony	0.50	U	0.21	2.0
Arsenic	0.54	J	0.44	5.0
Barium	21		1.6	5.0
Beryllium	0.50	U	0.50	1.0
Cadmium	0.40	U	0.40	2.0
Calcium	46000		540	2000
Chromium	1.5	U	0.53	2.0
Cobalt	0.20	U	0.20	1.0
Copper	4.0	U	1.4	4.0
Iron	310		44	150
Lead	0.22	J	0.20	1.0
Magnesium	10000		120	1000
Manganese	100		1.1	5.0
Nickel	1.5	U	0.62	5.0
Potassium	2800		16	1000
Selenium	0.50	U	0.20	5.0
Silver	0.25	U	0.080	1.0
Sodium	4500		160	1000
Thallium	0.33	J	0.32	2.0
Vanadium	1.5	U	0.51	5.0
Zinc	20	U	8.8	40

7470A/DOD Mercury (CVAA)

Analysis Method:	7470A/DOD	Analysis Batch:	240-66485	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-66219	Lab File ID:	112712A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/27/2012 1636			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1525				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Mercury	0.20	U	0.12	0.20

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Client Sample ID: **076SW-0015-0001-SW**

Lab Sample ID: 240-17422-15 Date Sampled: 11/08/2012 1500
Client Matrix: Water Date Received: 11/08/2012 1735

6020/DOD Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020/DOD	Analysis Batch:	240-68088	Instrument ID:	I8
Prep Method:	3005A	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1214			Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aluminum	68		20	60
Antimony	0.50	U	0.21	2.0
Arsenic	0.50	J	0.44	5.0
Barium	25		1.6	5.0
Beryllium	0.50	U	0.50	1.0
Cadmium	0.40	U	0.40	2.0
Calcium	40000		540	2000
Chromium	1.5	U	0.53	2.0
Cobalt	0.20	U	0.20	1.0
Copper	1.9	J	1.4	4.0
Iron	260		44	150
Lead	0.25	J	0.20	1.0
Magnesium	9300		120	1000
Manganese	48		1.1	5.0
Nickel	0.67	J	0.62	5.0
Potassium	2400		16	1000
Selenium	0.50	U	0.20	5.0
Silver	0.25	U	0.080	1.0
Sodium	10000		160	1000
Thallium	1.0	U	0.32	2.0
Vanadium	1.5	U	0.51	5.0
Zinc	11	J	8.8	40

7470A/DOD Mercury (CVAA)

Analysis Method:	7470A/DOD	Analysis Batch:	240-66485	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-66219	Lab File ID:	112712A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/27/2012 1631			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1525				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Mercury	0.20	U	0.12	0.20

General Chemistry

Client Sample ID: **076SS-0019M-0001-SO**

Lab Sample ID: 240-17422-1 Date Sampled: 11/07/2012 1525

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SS-0020M-0001-SO**

Lab Sample ID: 240-17422-2 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Nitrocellulose	18	U	mg/Kg	7.8	50	1.0	WS-WC-0050
Analysis Batch: 320-6863	Analysis Date: 12/04/2012 1416						DryWt Corrected: N
Prep Batch: 320-6824	Prep Date: 12/04/2012 0705						

General Chemistry

Client Sample ID: **076SS-0021M-0001-SO**

Lab Sample ID: 240-17422-3 Date Sampled: 11/07/2012 1550
Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Nitrocellulose	17	U	mg/Kg	7.1	45	1.0	WS-WC-0050
Analysis Batch: 320-6863	Analysis Date: 12/04/2012 1430						DryWt Corrected: N
Prep Batch: 320-6824	Prep Date: 12/04/2012 0705						

General Chemistry

Client Sample ID: **073SS-0001M-0001-SO**

Lab Sample ID: 240-17422-4 Date Sampled: 11/08/2012 0915

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N
Percent Moisture	1.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N

General Chemistry

Client Sample ID: **073SS-0002M-0001-SO**

Lab Sample ID: 240-17422-5 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	73		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Percent Moisture	27		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Nitrocellulose	17	U	mg/Kg	7.4	47	1.0	WS-WC-0050
Analysis Batch: 320-6863	Analysis Date: 12/04/2012 1432						DryWt Corrected: N
Prep Batch: 320-6824	Prep Date: 12/04/2012 0705						

General Chemistry

Client Sample ID: **073SS-0003M-0001-SO**

Lab Sample ID: 240-17422-6 Date Sampled: 11/08/2012 1100
Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0901						DryWt Corrected: N
Nitrocellulose	17	U	mg/Kg	7.4	48	1.0	WS-WC-0050
Analysis Batch: 320-6863	Analysis Date: 12/04/2012 1434						DryWt Corrected: N
Prep Batch: 320-6824	Prep Date: 12/04/2012 0705						

General Chemistry

Client Sample ID: **073SS-0005M-0001-SO**

Lab Sample ID: 240-17422-8 Date Sampled: 11/08/2012 1030

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	97		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N
Percent Moisture	2.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SD-0009-0001-SO**

Lab Sample ID: 240-17422-9 Date Sampled: 11/08/2012 1235

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N
Percent Moisture	2.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SD-00010-0001-SO**

Lab Sample ID: 240-17422-10 Date Sampled: 11/08/2012 1235

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N
Percent Moisture	2.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SD-00011-0001-SO**

Lab Sample ID: 240-17422-11 Date Sampled: 11/08/2012 1242

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N
Percent Moisture	2.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SD-00012-0001-SO**

Lab Sample ID: 240-17422-12 Date Sampled: 11/08/2012 1235

Client Matrix: Solid Date Received: 11/08/2012 1735

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N
Percent Moisture	1.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1047						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-64980/5		90	96	98	93
MRL 240-64980/33		88	100	97	95
MRL 240-65171/5		89	97	97	95
MRL 240-65171/29		87	100	96	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-17422-1	076SS-0019M-0001-SO	84	103	97	105
240-17422-2	076SS-0020M-0001-SO	77	98	94	100
240-17422-3	076SS-0021M-0001-SO	84	106	100	107
240-17422-5	073SS-0002M-0001-SO	82	103	112	123Q
240-17422-6	073SS-0003M-0001-SO	81	96	103	115
MB 240-64980/8		82	93	94	90
MB 240-65171/8		83	95	93	97
LCS 240-64980/7		93	96	94	97
LCS 240-65171/7		93	94	97	102
240-17422-2 MS	076SS-0020M-0001-SO MS	94	99	100	109
240-17422-6 MS	073SS-0003M-0001-SO MS	95	99	112	124Q
240-17422-2 MSD	076SS-0020M-0001-SO MSD	92	98	94	103
240-17422-6 MSD	073SS-0003M-0001-SO MSD	92	93	103	112

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-64831/5		100	99	104	99
MRL 240-64831/12		104	104	109	97

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-17422-16	073SS-0006-0001-TB	104	103	105	91
MB 240-64831/6		101	102	101	94
LCS 240-64831/4		102	105	104	106

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-17422-1	076SS-0019M-0001-SO	60	68	62	65	75	73
240-17422-2	076SS-0020M-0001-SO	78	77	78	71	82	79
240-17422-3	076SS-0021M-0001-SO	77	79	75	72	86	79
240-17422-4	073SS-0001M-0001-SO	69	73	69	67	77	76
240-17422-5	073SS-0002M-0001-SO	60	64	61	59	75	68
240-17422-6	073SS-0003M-0001-SO	59	60	59	59	76	72
240-17422-8	073SS-0005M-0001-SO	65	76	77	68	74	77
240-17422-9	068SD-0009-0001-SO	65	67	59	60	73	68
240-17422-10	068SD-00010-0001-SO	79	80	77	69	84	77
240-17422-11	068SD-00011-0001-SO	62	64	56	55	62	62
240-17422-12	068SD-00012-0001-SO	63	66	59	59	71	67
MB 240-65503/22-A		77	77	78	72	77	91
MB 240-65764/23-A		70	72	69	64	69	86
LCS 240-65503/23-A		69	74	69	68	76	78
LCS 240-65764/24-A		69	70	69	64	79	82
240-17422-2 MS	076SS-0020M-0001-SO MS	64	68	61	63	84	80
240-17422-6 MS	073SS-0003M-0001-SO MS	61	66	57	59	73	69
240-17422-9 MS	068SD-0009-0001-SO MS	73	74	69	65	78	69
240-17422-2 MSD	076SS-0020M-0001-SO MSD	72	74	71	69	85	79
240-17422-6 MSD	073SS-0003M-0001-SO MSD	60	64	58	60	76	71

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-17422-9 MSD	068SD-0009-0001-SO MSD	68	72	70	66	79	76

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-17422-13	076SW-0013-0001-SW	76	78	71	70	75	66
240-17422-14	076SW-0014-0001-SW	67	71	66	64	68	66
240-17422-15	076SW-0015-0001-SW	73	76	69	69	77	72
MB 240-64920/23-A		79	82	75	74	71	82
LCS 240-64920/24-A		84	85	75	74	79	81
240-17422-13 MS	076SW-0013-0001-SW MS	80	79	73	73	81	75
240-17422-13 MSD	076SW-0013-0001-SW MSD	74	77	67	66	68	64

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	20-110
PHL = Phenol-d5 (Surr)	10-115
NBZ = Nitrobenzene-d5 (Surr)	40-110
FBP = 2-Fluorobiphenyl (Surr)	50-110
TBP = 2,4,6-Tribromophenol (Surr)	40-125
TPH = Terphenyl-d14 (Surr)	50-135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
MRL 240-66051/3		100	97	104Q	97	106	101
MRL 240-66051/13		103	104Q	107Q	99	113	101
MRL 240-66246/3		101	104Q	108Q	100	107	102
MRL 240-66246/17		104	107Q	108Q	100	112	102

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
MRL 240-65294/3		97	100	93	100	95	101
MRL 240-65294/19		99	94	92	98	99	100

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	70-130
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8081/DOD Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-17422-2	076SS-0020M-0001-SO	91	89	75	76
240-17422-3	076SS-0021M-0001-SO	71	70	82	60
240-17422-5	073SS-0002M-0001-SO	105	104	99	128
240-17422-6	073SS-0003M-0001-SO	107	109	117	70M
MB 240-65501/9-A		75	76	93	90
LCS 240-65501/10-A		83	87	90M	88
240-17422-2 MS	076SS-0020M-0001-SO MS	106	94	97	99
240-17422-6 MS	073SS-0003M-0001-SO MS	115	96	135Q	148Q
240-17422-2 MSD	076SS-0020M-0001-SO MSD	106	102	91	88
240-17422-6 MSD	073SS-0003M-0001-SO MSD	120	108	161Q	147Q

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-17422-2	076SS-0020M-0001-SO	76	66	63	60
240-17422-3	076SS-0021M-0001-SO	66	64	61	58Q
240-17422-5	073SS-0002M-0001-SO	87	76	85	78
240-17422-6	073SS-0003M-0001-SO	82	75	85	77
240-17422-9	068SD-0009-0001-SO	82	75	81	71
240-17422-10	068SD-00010-0001-SO	79	72	80	72
240-17422-11	068SD-00011-0001-SO	81	72	78	71
240-17422-12	068SD-00012-0001-SO	75	71	69	68
MB 240-65499/23-A		77		90	
LCS 240-65499/24-A		88	78	94	95
240-17422-2 MS	076SS-0020M-0001-SO MS	73	74	69	66
240-17422-6 MS	073SS-0003M-0001-SO MS	52	54	56Q	52Q
240-17422-9 MS	068SD-0009-0001-SO MS	70	71	74	64
240-17422-2 MSD	076SS-0020M-0001-SO MSD	82	83	80	83
240-17422-6 MSD	073SS-0003M-0001-SO MSD	89	85	97	87
240-17422-9 MSD	068SD-0009-0001-SO MSD	85	82	90	77

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-17422-13	076SW-0013-0001-SW	88	76	65	64
240-17422-14	076SW-0014-0001-SW	90	78	60	58
240-17422-15	076SW-0015-0001-SW	90	75	51	52
MB 240-64779/13-A		92	88	90	85
LCS 240-64779/14-A		89	76	92	85
240-17422-13 MS	076SW-0013-0001-SW MS	92	79	65	63
240-17422-13 MSD	076SW-0013-0001-SW MSD	89	74	49	47

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	40-135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
MRL 240-65363/4		105	113	111	109
MRL 240-65363/26		108	105	112	107
MRL 240-65860/9		108	116	102	106
MRL 240-65860/36		107	112	106	107

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate Recovery Report

8330B Nitroaromatics and Nitramines (HPLC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DNT1 %Rec	DNT2 %Rec
240-17422-2	076SS-0020M-0001-SO	100	
240-17422-2	076SS-0020M-0001-SO		100M
240-17422-3	076SS-0021M-0001-SO	97	
240-17422-3	076SS-0021M-0001-SO		96M
240-17422-5	073SS-0002M-0001-SO	98	
240-17422-5	073SS-0002M-0001-SO		121M Q
240-17422-6	073SS-0003M-0001-SO	96	
240-17422-6	073SS-0003M-0001-SO		120M Q
MB 320-6026/1-A		99	
MB 320-6026/1-A			75Q
LCS 320-6026/2-A		99	
240-17422-2 MS	076SS-0020M-0001-SO MS	107	
240-17422-6 MS	073SS-0003M-0001-SO MS	95	
240-17422-2 MSD	076SS-0020M-0001-SO MSD	101	
240-17422-6 MSD	073SS-0003M-0001-SO MSD	98	

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	78-118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-64831

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MB 240-64831/6	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0866.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1255	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1255				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	0.57	U	0.57	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromochloromethane	0.50	U	0.29	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
Chlorobenzene	0.25	U	0.15	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
Chloroethane	0.50	U	0.29	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
Chloroform	0.25	U	0.16	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
Chloromethane	0.50	U	0.30	1.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Hexanone	0.50	U	0.41	10
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	1.37		0.33	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
1,1,1-Trichloroethane	0.25	U	0.22	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 120
4-Bromofluorobenzene (Surr)	94	75 - 120
Dibromofluoromethane (Surr)	101	85 - 115
Toluene-d8 (Surr)	101	85 - 120

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-64831

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	LCS 240-64831/4	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0864.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1210	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1210				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	20.0	19.0	95	30 - 150	
Acetone	20.0	21.4	107	40 - 140	
Benzene	10.0	10.4	104	80 - 120	
Bromochloromethane	10.0	10.2	102	65 - 130	
Bromodichloromethane	10.0	10.5	105	75 - 120	
Bromoform	10.0	9.95	100	70 - 130	
Bromomethane	10.0	10.1	101	30 - 145	
Carbon disulfide	10.0	11.0	110	35 - 160	
Carbon tetrachloride	10.0	10.4	104	65 - 140	
1,1-Dichloroethane	10.0	10.8	108	70 - 135	
Chlorobenzene	10.0	10.1	101	80 - 120	
1,2-Dichloroethane	10.0	10.4	104	70 - 130	
Chloroethane	10.0	10.5	105	60 - 135	
1,1-Dichloroethene	10.0	10.9	109	70 - 130	
Chloroform	10.0	10.1	101	65 - 135	
Chloromethane	10.0	9.74	97	40 - 125	
1,2-Dichloropropane	10.0	10.4	104	75 - 125	
2-Hexanone	20.0	20.0	100	55 - 130	
cis-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
Dibromochloromethane	10.0	10.1	101	60 - 135	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	100	60 - 135	
Ethylbenzene	10.0	10.4	104	75 - 125	
Methyl tert-butyl ether	10.0	10.4	104	65 - 125	
Methylene Chloride	10.0	11.4	114	55 - 140	
1,1,2,2-Tetrachloroethane	10.0	9.64	96	65 - 130	
Styrene	10.0	10.7	107	65 - 135	
Tetrachloroethene	10.0	9.91	99	45 - 150	
Toluene	10.0	10.4	104	75 - 120	
1,1,1-Trichloroethane	10.0	10.7	107	65 - 130	
trans-1,3-Dichloropropene	10.0	10.3	103	55 - 140	
1,1,2-Trichloroethane	10.0	10.4	104	75 - 125	
Trichloroethene	10.0	10.4	104	70 - 125	
Vinyl chloride	10.0	10.0	100	50 - 145	
Xylenes, Total	30.0	31.6	105	75 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 120
4-Bromofluorobenzene (Surr)	106	75 - 120
Dibromofluoromethane (Surr)	102	85 - 115
Toluene-d8 (Surr)	104	85 - 120

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-64831 **Method: 8260B/DoD**
Preparation: 5030B

Lab Sample ID:	MRL 240-64831/5	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0865.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1233	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1233				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00880	88	70 - 130	J
Acetone	0.0100	0.00924	92	70 - 130	J
Benzene	0.00100	0.00113	113	70 - 130	
Bromochloromethane	0.00100	0.00103	103	70 - 130	
Bromodichloromethane	0.00100	0.00103	103	70 - 130	
Bromoform	0.00100	0.000918	92	70 - 130	J
Bromomethane	0.00100	0.00135	135	70 - 130	^
Carbon disulfide	0.00100	0.00101	101	70 - 130	
Carbon tetrachloride	0.00100	0.00106	106	70 - 130	
1,1-Dichloroethane	0.00100	0.00109	109	70 - 130	
Chlorobenzene	0.00100	0.00111	111	70 - 130	
1,2-Dichloroethane	0.00100	0.00113	113	70 - 130	
Chloroethane	0.00100	0.00143	143	70 - 130	^
1,1-Dichloroethene	0.00100	0.00102	102	70 - 130	
Chloroform	0.00100	0.00108	108	70 - 130	
Chloromethane	0.00100	0.00135	135	70 - 130	^
1,2-Dichloropropane	0.00100	0.00102	102	70 - 130	
2-Hexanone	0.0100	0.00941	94	70 - 130	J
cis-1,3-Dichloropropene	0.00100	0.000883	88	70 - 130	J
Dibromochloromethane	0.00100	0.000963	96	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00913	91	70 - 130	J
Ethylbenzene	0.00100	0.00104	104	70 - 130	
Methyl tert-butyl ether	0.00100	0.00106	106	70 - 130	
Methylene Chloride	0.00100	0.00251	251	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00115	115	70 - 130	
Styrene	0.00100	0.000944	94	70 - 130	J
Tetrachloroethene	0.00100	0.00105	105	70 - 130	
Toluene	0.00100	0.00110	110	70 - 130	
1,1,1-Trichloroethane	0.00100	0.00112	112	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000895	89	70 - 130	J
1,1,2-Trichloroethane	0.00100	0.00107	107	70 - 130	
Trichloroethene	0.00100	0.00105	105	70 - 130	
Vinyl chloride	0.00100	0.00123	123	70 - 130	
Xylenes, Total	0.00300	0.00292	97	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	50 - 150
4-Bromofluorobenzene (Surr)	99	50 - 150
Dibromofluoromethane (Surr)	100	50 - 150
Toluene-d8 (Surr)	104	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-64831 **Method: 8260B/DoD**
Preparation: 5030B

Lab Sample ID:	MRL 240-64831/12	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0872.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1527	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1527				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00916	92	70 - 130	J
Acetone	0.0100	0.00985	99	70 - 130	J
Benzene	0.00100	0.00104	104	70 - 130	
Bromochloromethane	0.00100	0.00109	109	70 - 130	
Bromodichloromethane	0.00100	0.000934	93	70 - 130	J
Bromoform	0.00100	0.000769	77	70 - 130	J
Bromomethane	0.00100	0.00115	115	70 - 130	
Carbon disulfide	0.00100	0.000973	97	70 - 130	J
Carbon tetrachloride	0.00100	0.00103	103	70 - 130	
1,1-Dichloroethane	0.00100	0.00105	105	70 - 130	
Chlorobenzene	0.00100	0.000988	99	70 - 130	J
1,2-Dichloroethane	0.00100	0.00105	105	70 - 130	
Chloroethane	0.00100	0.00116	116	70 - 130	
1,1-Dichloroethene	0.00100	0.00106	106	70 - 130	
Chloroform	0.00100	0.00107	107	70 - 130	
Chloromethane	0.00100	0.00124	124	70 - 130	
1,2-Dichloropropane	0.00100	0.00100	100	70 - 130	
2-Hexanone	0.0100	0.00917	92	70 - 130	J
cis-1,3-Dichloropropene	0.00100	0.000883	88	70 - 130	J
Dibromochloromethane	0.00100	0.000853	85	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00922	92	70 - 130	J
Ethylbenzene	0.00100	0.000902	90	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000996	100	70 - 130	J
Methylene Chloride	0.00100	0.00273	273	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00103	103	70 - 130	
Styrene	0.00100	0.000771	77	70 - 130	J
Tetrachloroethene	0.00100	0.00103	103	70 - 130	
Toluene	0.00100	0.00108	108	70 - 130	
1,1,1-Trichloroethane	0.00100	0.00104	104	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000855	85	70 - 130	J
1,1,2-Trichloroethane	0.00100	0.00110	110	70 - 130	
Trichloroethene	0.00100	0.00102	102	70 - 130	
Vinyl chloride	0.00100	0.00116	116	70 - 130	
Xylenes, Total	0.00300	0.00260	87	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	50 - 150
4-Bromofluorobenzene (Surr)	97	50 - 150
Dibromofluoromethane (Surr)	104	50 - 150
Toluene-d8 (Surr)	109	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17422-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149182.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.467 g
Analysis Date:	11/15/2012 1534			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149183.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.534 g
Analysis Date:	11/15/2012 1556			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	95	86	70 - 135	11	30		
1,1,2,2-Tetrachloroethane	119	97	55 - 130	22	30		
1,1,2-Trichloroethane	111	94	60 - 125	18	30		
1,1-Dichloroethane	98	88	75 - 125	12	30		
1,1-Dichloroethene	95	88	65 - 135	9	30		
1,2-Dichloroethane	102	90	70 - 135	13	30		
1,2-Dichloropropane	98	88	70 - 120	12	30		
2-Butanone (MEK)	105	97	30 - 160	9	30		
2-Hexanone	81	80	45 - 145	2	30		
4-Methyl-2-pentanone (MIBK)	105	98	45 - 145	8	30		
Acetone	117	94	20 - 160	19	30		
Benzene	95	83	75 - 125	14	30		
Bromochloromethane	96	87	70 - 125	11	30		
Bromodichloromethane	80	72	70 - 130	12	30		
Bromoform	80	73	55 - 135	10	30		
Bromomethane	79	74	30 - 160	8	30		
Carbon disulfide	62	60	45 - 160	5	30		
Carbon tetrachloride	87	79	65 - 135	10	30		
Chlorobenzene	86	69	75 - 125	23	30		J
Chloroethane	80	65	40 - 155	21	30		
Chloroform	93	84	70 - 125	12	30		
Chloromethane	93	86	50 - 130	9	30		
cis-1,3-Dichloropropene	81	73	70 - 125	10	30		
Dibromochloromethane	90	77	65 - 130	17	30		
Ethylbenzene	90	71	75 - 125	26	30		J
Methyl tert-butyl ether	100	92	70 - 130	10	30		
Methylene Chloride	87	80	55 - 140	9	30		
Styrene	84	67	75 - 125	23	30		J
Tetrachloroethene	92	75	65 - 140	21	30		
Toluene	96	77	70 - 125	23	30		
trans-1,3-Dichloropropene	84	73	65 - 125	15	30		
Trichloroethene	95	83	75 - 125	14	30		
Vinyl chloride	90	84	60 - 125	8	30		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17422-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149182.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.467 g
Analysis Date:	11/15/2012 1534			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149183.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.534 g
Analysis Date:	11/15/2012 1556			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	88	69	75 - 125	25	30		J

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	98	61 - 130
4-Bromofluorobenzene (Surr)	109	103	85 - 120
Dibromofluoromethane (Surr)	94	92	59 - 138
Toluene-d8 (Surr)	100	94	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17422-6	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149186.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.916 g
Analysis Date:	11/15/2012 1701			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149187.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.691 g
Analysis Date:	11/15/2012 1722			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	93	95	70 - 135	6	30		
1,1,2,2-Tetrachloroethane	152	119	55 - 130	20	30	J	
1,1,2-Trichloroethane	119	104	60 - 125	9	30		
1,1-Dichloroethane	98	96	75 - 125	2	30		
1,1-Dichloroethene	92	91	65 - 135	4	30		
1,2-Dichloroethane	97	93	70 - 135	0	30		
1,2-Dichloropropane	96	93	70 - 120	2	30		
2-Butanone (MEK)	120	104	30 - 160	9	30		
2-Hexanone	119	102	45 - 145	10	30		
4-Methyl-2-pentanone (MIBK)	146	116	45 - 145	18	30	J	
Acetone	138	113	20 - 160	15	30		
Benzene	89	87	75 - 125	2	30		
Bromochloromethane	94	90	70 - 125	1	30		
Bromodichloromethane	77	77	70 - 130	4	30		
Bromoform	77	74	55 - 135	0	30		
Bromomethane	75	73	30 - 160	2	30		
Carbon disulfide	56	61	45 - 160	13	30		
Carbon tetrachloride	85	87	65 - 135	7	30		
Chlorobenzene	77	72	75 - 125	1	30		J
Chloroethane	52	70	40 - 155	34	30		J
Chloroform	91	89	70 - 125	2	30		
Chloromethane	93	92	50 - 130	3	30		
cis-1,3-Dichloropropene	70	72	70 - 125	7	30		
Dibromochloromethane	91	84	65 - 130	3	30		
Ethylbenzene	84	79	75 - 125	1	30		
Methyl tert-butyl ether	102	94	70 - 130	3	30		
Methylene Chloride	90	87	55 - 140	2	30		
Styrene	70	67	75 - 125	1	30	J	J
Tetrachloroethene	92	85	65 - 140	3	30		
Toluene	97	87	70 - 125	5	30		
trans-1,3-Dichloropropene	79	74	65 - 125	2	30		
Trichloroethene	85	83	75 - 125	2	30		
Vinyl chloride	88	86	60 - 125	2	30		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17422-6	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149186.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.916 g
Analysis Date:	11/15/2012 1701			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149187.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.691 g
Analysis Date:	11/15/2012 1722			Final Weight/Volume:	5 mL
Prep Date:	11/09/2012 1000				
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	82	77	75 - 125	2	30		

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		93	61 - 130
4-Bromofluorobenzene (Surr)	124	Q	112	85 - 120
Dibromofluoromethane (Surr)	95		92	59 - 138
Toluene-d8 (Surr)	112		103	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17422-2	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/15/2012 1534			Analysis Date:	11/15/2012 1556
Prep Date:	11/09/2012 1000			Prep Date:	11/09/2012 1000
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	1.2	U	59.7	59.0	56.5	50.7	
1,1,2,2-Tetrachloroethane	0.58	U	59.7	59.0	71.1	57.0	
1,1,2-Trichloroethane	0.58	U	59.7	59.0	66.2	55.4	
1,1-Dichloroethane	0.58	U	59.7	59.0	58.6	51.9	
1,1-Dichloroethene	1.2	U	59.7	59.0	56.4	51.8	
1,2-Dichloroethane	0.58	U	59.7	59.0	60.7	53.2	
1,2-Dichloropropane	1.2	U	59.7	59.0	58.8	52.1	
2-Butanone (MEK)	2.3	U	119	118	126	115	
2-Hexanone	1.2	U	119	118	96.4	94.7	
4-Methyl-2-pentanone (MIBK)	1.2	U	119	118	125	115	
Acetone	26		119	118	165	136	
Benzene	0.58	U	59.7	59.0	56.5	49.0	
Bromochloromethane	1.2	U	59.7	59.0	57.3	51.3	
Bromodichloromethane	0.58	U	59.7	59.0	47.9	42.4	
Bromoform	0.58	U	59.7	59.0	47.7	43.4	
Bromomethane	1.2	U	59.7	59.0	47.3	43.6	
Carbon disulfide	0.58	U	59.7	59.0	37.3	35.4	
Carbon tetrachloride	0.58	U	59.7	59.0	51.8	46.7	
Chlorobenzene	0.58	U	59.7	59.0	51.2	40.5	J
Chloroethane	1.2	U	59.7	59.0	47.7	38.6	
Chloroform	0.58	U	59.7	59.0	55.8	49.7	
Chloromethane	0.58	U	59.7	59.0	55.6	50.6	
cis-1,3-Dichloropropene	0.58	U	59.7	59.0	48.1	43.3	
Dibromochloromethane	1.2	U	59.7	59.0	53.7	45.5	
Ethylbenzene	0.58	U	59.7	59.0	54.0	41.6	J
Methyl tert-butyl ether	0.58	U	59.7	59.0	59.8	54.1	
Methylene Chloride	1.2	U	59.7	59.0	51.8	47.4	
Styrene	0.58	U	59.7	59.0	50.1	39.7	J
Tetrachloroethene	1.2	U	59.7	59.0	55.2	44.5	
Toluene	0.58	U	59.7	59.0	57.3	45.5	
trans-1,3-Dichloropropene	1.2	U	59.7	59.0	49.9	42.9	
Trichloroethene	0.58	U	59.7	59.0	56.5	49.3	
Vinyl chloride	0.58	U	59.7	59.0	53.6	49.5	
Xylenes, Total	1.7	U	179	177	158	123	J

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17422-6	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/15/2012 1701			Analysis Date:	11/15/2012 1722
Prep Date:	11/09/2012 1000			Prep Date:	11/09/2012 1000
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	1.5	U	62.7	65.7	58.5		62.2	
1,1,2,2-Tetrachloroethane	0.75	U	62.7	65.7	95.3	J	78.2	
1,1,2-Trichloroethane	0.75	U	62.7	65.7	74.8		68.1	
1,1-Dichloroethane	0.75	U	62.7	65.7	61.7		63.2	
1,1-Dichloroethene	1.5	U	62.7	65.7	57.5		59.6	
1,2-Dichloroethane	0.75	U	62.7	65.7	61.1		60.8	
1,2-Dichloropropane	1.5	U	62.7	65.7	60.1		61.3	
2-Butanone (MEK)	3.0	U	125	131	151		137	
2-Hexanone	1.5	U	125	131	149		134	
4-Methyl-2-pentanone (MIBK)	1.5	U	125	131	183	J	153	
Acetone	9.5	U	125	131	173		148	
Benzene	0.75	U	62.7	65.7	56.0		56.9	
Bromochloromethane	1.5	U	62.7	65.7	59.0		59.3	
Bromodichloromethane	0.75	U	62.7	65.7	48.5		50.5	
Bromoform	0.75	U	62.7	65.7	48.3		48.4	
Bromomethane	1.5	U	62.7	65.7	47.0		48.1	
Carbon disulfide	1.3	J	62.7	65.7	36.3		41.5	
Carbon tetrachloride	0.75	U	62.7	65.7	53.1		57.0	
Chlorobenzene	0.75	U	62.7	65.7	48.1		47.4	J
Chloroethane	1.5	U	62.7	65.7	32.9		46.3	J
Chloroform	0.75	U	62.7	65.7	57.1		58.5	
Chloromethane	0.75	U	62.7	65.7	58.5		60.5	
cis-1,3-Dichloropropene	0.75	U	62.7	65.7	44.1		47.3	
Dibromochloromethane	1.5	U	62.7	65.7	57.2		55.2	
Ethylbenzene	0.75	U	62.7	65.7	52.4		51.7	
Methyl tert-butyl ether	0.75	U	62.7	65.7	63.7		62.0	
Methylene Chloride	1.5	U	62.7	65.7	56.2		57.3	
Styrene	0.75	U	62.7	65.7	43.8	J	44.0	J
Tetrachloroethene	1.5	U	62.7	65.7	57.5		55.8	
Toluene	0.75	U	62.7	65.7	60.6		57.4	
trans-1,3-Dichloropropene	1.5	U	62.7	65.7	49.8		48.7	
Trichloroethene	0.75	U	62.7	65.7	53.6		54.7	
Vinyl chloride	0.75	U	62.7	65.7	55.5		56.8	
Xylenes, Total	2.3	U	188	197	154		151	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-64980

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-64980/8	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149143.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 1423	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	2.0	U	1.4	20
Acetone	6.33	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromochloromethane	1.0	U	0.71	5.0
Bromodichloromethane	0.50	U	0.28	5.0
Bromoform	0.50	U	0.33	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
1,2-Dibromoethane	1.0	U	0.50	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
Chlorobenzene	0.50	U	0.33	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
Chloroethane	1.0	U	0.86	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
Chloroform	0.50	U	0.29	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
Chloromethane	0.50	U	0.41	5.0
1,2-Dichloropropane	1.0	U	0.69	5.0
2-Hexanone	0.802	J	0.63	20
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
4-Methyl-2-pentanone (MIBK)	1.0	U	0.54	20
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Methylene Chloride	1.54	J	0.67	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
Styrene	0.50	U	0.15	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
1,1,1-Trichloroethane	1.0	U	0.56	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
Trichloroethene	0.50	U	0.42	5.0
Vinyl chloride	0.50	U	0.39	5.0
Xylenes, Total	1.5	U	0.67	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	61 - 130
4-Bromofluorobenzene (Surr)	90	85 - 120
Dibromofluoromethane (Surr)	82	59 - 138
Toluene-d8 (Surr)	94	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-64980

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-64980/5	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149140.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 1318	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00959	96	70 - 130	J
Acetone	0.0100	0.0159	159	70 - 130	^
Benzene	0.00500	0.00507	101	70 - 130	
Bromochloromethane	0.00500	0.00504	101	70 - 130	
Bromodichloromethane	0.00500	0.00418	84	70 - 130	
Bromoform	0.00500	0.00619	124	70 - 130	
Bromomethane	0.00500	0.00523	105	70 - 130	
Carbon disulfide	0.00500	0.00387	77	70 - 130	
Carbon tetrachloride	0.00500	0.00459	92	70 - 130	
1,1-Dichloroethane	0.00500	0.00490	98	70 - 130	
Chlorobenzene	0.00500	0.00489	98	70 - 130	
1,2-Dichloroethane	0.00500	0.00510	102	70 - 130	
Chloroethane	0.00500	0.00514	103	70 - 130	
1,1-Dichloroethene	0.00500	0.00518	104	70 - 130	
Chloroform	0.00500	0.00486	97	70 - 130	
Chloromethane	0.00500	0.00504	101	70 - 130	
1,2-Dichloropropane	0.00500	0.00488	98	70 - 130	
2-Hexanone	0.0100	0.00966	97	70 - 130	J
cis-1,3-Dichloropropene	0.00500	0.00512	102	70 - 130	
Dibromochloromethane	0.00500	0.00493	99	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0103	103	70 - 130	
Ethylbenzene	0.00500	0.00462	92	70 - 130	
Methyl tert-butyl ether	0.00500	0.00490	98	70 - 130	
Methylene Chloride	0.00500	0.00796	159	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00472	94	70 - 130	
Styrene	0.00500	0.00442	88	70 - 130	
Tetrachloroethene	0.00500	0.00528	106	70 - 130	
Toluene	0.00500	0.00518	104	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00489	98	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00427	85	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00515	103	70 - 130	
Trichloroethene	0.00500	0.00515	103	70 - 130	
Vinyl chloride	0.00500	0.00495	99	70 - 130	
Xylenes, Total	0.0150	0.0146	97	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	50 - 150
4-Bromofluorobenzene (Surr)	93	50 - 150
Dibromofluoromethane (Surr)	90	50 - 150
Toluene-d8 (Surr)	98	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-64980

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-64980/7	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149142.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 1401	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	100	98.9	99	30 - 160	
Acetone	100	119	119	20 - 160	
Benzene	50.0	50.5	101	75 - 125	
Bromochloromethane	50.0	50.7	101	70 - 125	
Bromodichloromethane	50.0	44.6	89	70 - 130	
Bromoform	50.0	45.5	91	55 - 135	
Bromomethane	50.0	49.8	100	30 - 160	
Carbon disulfide	50.0	42.4	85	45 - 160	
Carbon tetrachloride	50.0	51.1	102	65 - 135	
1,1-Dichloroethane	50.0	52.4	105	75 - 125	
Chlorobenzene	50.0	48.0	96	75 - 125	
1,2-Dichloroethane	50.0	51.4	103	70 - 135	
Chloroethane	50.0	51.4	103	40 - 155	
1,1-Dichloroethene	50.0	53.0	106	65 - 135	
Chloroform	50.0	51.1	102	70 - 125	
Chloromethane	50.0	51.7	103	50 - 130	
1,2-Dichloropropane	50.0	51.4	103	70 - 120	
2-Hexanone	100	102	102	45 - 145	
cis-1,3-Dichloropropene	50.0	45.0	90	70 - 125	
Dibromochloromethane	50.0	46.4	93	65 - 130	
4-Methyl-2-pentanone (MIBK)	100	112	112	45 - 145	
Ethylbenzene	50.0	49.1	98	75 - 125	
Methyl tert-butyl ether	50.0	50.7	101	70 - 130	
Methylene Chloride	50.0	55.4	111	55 - 140	
1,1,2,2-Tetrachloroethane	50.0	55.4	111	55 - 130	
Styrene	50.0	50.2	100	75 - 125	
Tetrachloroethene	50.0	50.0	100	65 - 140	
Toluene	50.0	50.0	100	70 - 125	
1,1,1-Trichloroethane	50.0	55.9	112	70 - 135	
trans-1,3-Dichloropropene	50.0	44.0	88	65 - 125	
1,1,2-Trichloroethane	50.0	53.3	107	60 - 125	
Trichloroethene	50.0	51.6	103	75 - 125	
Vinyl chloride	50.0	50.7	101	60 - 125	
Xylenes, Total	150	152	101	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	61 - 130
4-Bromofluorobenzene (Surr)	97	85 - 120
Dibromofluoromethane (Surr)	93	59 - 138
Toluene-d8 (Surr)	94	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-64980

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-64980/33	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149168.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 2321	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00998	100	70 - 130	J
Acetone	0.0100	0.0157	157	70 - 130	^
Benzene	0.00500	0.00502	100	70 - 130	
Bromochloromethane	0.00500	0.00491	98	70 - 130	
Bromodichloromethane	0.00500	0.00390	78	70 - 130	
Bromoform	0.00500	0.00591	118	70 - 130	
Bromomethane	0.00500	0.00480	96	70 - 130	
Carbon disulfide	0.00500	0.00362	72	70 - 130	
Carbon tetrachloride	0.00500	0.00448	90	70 - 130	
1,1-Dichloroethane	0.00500	0.00480	96	70 - 130	
Chlorobenzene	0.00500	0.00504	101	70 - 130	
1,2-Dichloroethane	0.00500	0.00537	107	70 - 130	
Chloroethane	0.00500	0.00518	104	70 - 130	
1,1-Dichloroethene	0.00500	0.00488	98	70 - 130	
Chloroform	0.00500	0.00487	97	70 - 130	
Chloromethane	0.00500	0.00510	102	70 - 130	
1,2-Dichloropropane	0.00500	0.00496	99	70 - 130	
2-Hexanone	0.0100	0.00893	89	70 - 130	J
cis-1,3-Dichloropropene	0.00500	0.00514	103	70 - 130	
Dibromochloromethane	0.00500	0.00459	92	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00935	94	70 - 130	J
Ethylbenzene	0.00500	0.00481	96	70 - 130	
Methyl tert-butyl ether	0.00500	0.00489	98	70 - 130	
Methylene Chloride	0.00500	0.00645	129	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00491	98	70 - 130	
Styrene	0.00500	0.00439	88	70 - 130	
Tetrachloroethene	0.00500	0.00505	101	70 - 130	
Toluene	0.00500	0.00517	103	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00476	95	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00397	79	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00510	102	70 - 130	
Trichloroethene	0.00500	0.00506	101	70 - 130	
Vinyl chloride	0.00500	0.00505	101	70 - 130	
Xylenes, Total	0.0150	0.0149	99	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	50 - 150
4-Bromofluorobenzene (Surr)	95	50 - 150
Dibromofluoromethane (Surr)	88	50 - 150
Toluene-d8 (Surr)	97	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65171

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-65171/8	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149176.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 1325	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	2.0	U	1.4	20
Acetone	6.41	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromochloromethane	1.0	U	0.71	5.0
Bromodichloromethane	0.50	U	0.28	5.0
Bromoform	0.50	U	0.33	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
1,2-Dibromoethane	1.0	U	0.50	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
Chlorobenzene	0.50	U	0.33	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
Chloroethane	1.0	U	0.86	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
Chloroform	0.50	U	0.29	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
Chloromethane	0.50	U	0.41	5.0
1,2-Dichloropropane	1.0	U	0.69	5.0
2-Hexanone	1.0	U	0.63	20
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
4-Methyl-2-pentanone (MIBK)	0.598	J	0.54	20
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Methylene Chloride	1.0	U	0.67	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
Styrene	0.151	J	0.15	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
1,1,1-Trichloroethane	1.0	U	0.56	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
Trichloroethene	0.50	U	0.42	5.0
Vinyl chloride	0.50	U	0.39	5.0
Xylenes, Total	1.5	U	0.67	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	61 - 130
4-Bromofluorobenzene (Surr)	97	85 - 120
Dibromofluoromethane (Surr)	83	59 - 138
Toluene-d8 (Surr)	93	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65171 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65171/5	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149173.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 1220	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0102	102	70 - 130	
Acetone	0.0100	0.0175	175	70 - 130	^
Benzene	0.00500	0.00490	98	70 - 130	
Bromochloromethane	0.00500	0.00475	95	70 - 130	
Bromodichloromethane	0.00500	0.00411	82	70 - 130	
Bromoform	0.00500	0.00607	121	70 - 130	
Bromomethane	0.00500	0.00580	116	70 - 130	
Carbon disulfide	0.00500	0.00358	72	70 - 130	
Carbon tetrachloride	0.00500	0.00456	91	70 - 130	
1,1-Dichloroethane	0.00500	0.00470	94	70 - 130	
Chlorobenzene	0.00500	0.00498	100	70 - 130	
1,2-Dichloroethane	0.00500	0.00505	101	70 - 130	
Chloroethane	0.00500	0.00562	112	70 - 130	
1,1-Dichloroethene	0.00500	0.00478	96	70 - 130	
Chloroform	0.00500	0.00474	95	70 - 130	
Chloromethane	0.00500	0.00583	117	70 - 130	
1,2-Dichloropropane	0.00500	0.00485	97	70 - 130	
2-Hexanone	0.0100	0.00914	91	70 - 130	J
cis-1,3-Dichloropropene	0.00500	0.00504	101	70 - 130	
Dibromochloromethane	0.00500	0.00454	91	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00948	95	70 - 130	J
Ethylbenzene	0.00500	0.00470	94	70 - 130	
Methyl tert-butyl ether	0.00500	0.00465	93	70 - 130	
Methylene Chloride	0.00500	0.00565	113	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00464	93	70 - 130	
Styrene	0.00500	0.00411	82	70 - 130	
Tetrachloroethene	0.00500	0.00523	105	70 - 130	
Toluene	0.00500	0.00494	99	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00465	93	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00416	83	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00489	98	70 - 130	
Trichloroethene	0.00500	0.00490	98	70 - 130	
Vinyl chloride	0.00500	0.00555	111	70 - 130	
Xylenes, Total	0.0150	0.0139	92	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	95	50 - 150
Dibromofluoromethane (Surr)	89	50 - 150
Toluene-d8 (Surr)	97	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65171

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-65171/7	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149175.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 1303	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	100	107	107	30 - 160	
Acetone	100	116	116	20 - 160	
Benzene	50.0	49.4	99	75 - 125	
Bromochloromethane	50.0	49.6	99	70 - 125	
Bromodichloromethane	50.0	44.0	88	70 - 130	
Bromoform	50.0	44.8	90	55 - 135	
Bromomethane	50.0	43.0	86	30 - 160	
Carbon disulfide	50.0	38.9	78	45 - 160	
Carbon tetrachloride	50.0	49.1	98	65 - 135	
1,1-Dichloroethane	50.0	51.0	102	75 - 125	
Chlorobenzene	50.0	48.4	97	75 - 125	
1,2-Dichloroethane	50.0	50.2	100	70 - 135	
Chloroethane	50.0	44.2	88	40 - 155	
1,1-Dichloroethene	50.0	49.9	100	65 - 135	
Chloroform	50.0	48.8	98	70 - 125	
Chloromethane	50.0	48.2	96	50 - 130	
1,2-Dichloropropane	50.0	52.2	104	70 - 120	
2-Hexanone	100	110	110	45 - 145	
cis-1,3-Dichloropropene	50.0	46.1	92	70 - 125	
Dibromochloromethane	50.0	48.1	96	65 - 130	
4-Methyl-2-pentanone (MIBK)	100	111	111	45 - 145	
Ethylbenzene	50.0	49.5	99	75 - 125	
Methyl tert-butyl ether	50.0	48.4	97	70 - 130	
Methylene Chloride	50.0	49.0	98	55 - 140	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	55 - 130	
Styrene	50.0	52.1	104	75 - 125	
Tetrachloroethene	50.0	50.1	100	65 - 140	
Toluene	50.0	49.1	98	70 - 125	
1,1,1-Trichloroethane	50.0	52.5	105	70 - 135	
trans-1,3-Dichloropropene	50.0	45.0	90	65 - 125	
1,1,2-Trichloroethane	50.0	53.1	106	60 - 125	
Trichloroethene	50.0	50.5	101	75 - 125	
Vinyl chloride	50.0	47.1	94	60 - 125	
Xylenes, Total	150	149	99	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	61 - 130
4-Bromofluorobenzene (Surr)	102	85 - 120
Dibromofluoromethane (Surr)	93	59 - 138
Toluene-d8 (Surr)	97	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65171 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65171/29	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149197.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 2117	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0119	119	70 - 130	
Acetone	0.0100	0.0201	201	70 - 130	^
Benzene	0.00500	0.00504	101	70 - 130	
Bromochloromethane	0.00500	0.00472	94	70 - 130	
Bromodichloromethane	0.00500	0.00433	87	70 - 130	
Bromoform	0.00500	0.00648	130	70 - 130	
Bromomethane	0.00500	0.00491	98	70 - 130	
Carbon disulfide	0.00500	0.00353	71	70 - 130	
Carbon tetrachloride	0.00500	0.00444	89	70 - 130	
1,1-Dichloroethane	0.00500	0.00476	95	70 - 130	
Chlorobenzene	0.00500	0.00495	99	70 - 130	
1,2-Dichloroethane	0.00500	0.00522	104	70 - 130	
Chloroethane	0.00500	0.00482	96	70 - 130	
1,1-Dichloroethene	0.00500	0.00467	93	70 - 130	
Chloroform	0.00500	0.00471	94	70 - 130	
Chloromethane	0.00500	0.00516	103	70 - 130	
1,2-Dichloropropane	0.00500	0.00508	102	70 - 130	
2-Hexanone	0.0100	0.0109	109	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00542	108	70 - 130	
Dibromochloromethane	0.00500	0.00492	98	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0102	102	70 - 130	
Ethylbenzene	0.00500	0.00487	97	70 - 130	
Methyl tert-butyl ether	0.00500	0.00451	90	70 - 130	
Methylene Chloride	0.00500	0.00528	106	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00525	105	70 - 130	
Styrene	0.00500	0.00453	91	70 - 130	
Tetrachloroethene	0.00500	0.00537	107	70 - 130	
Toluene	0.00500	0.00512	102	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00437	87	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00425	85	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00567	113	70 - 130	
Trichloroethene	0.00500	0.00521	104	70 - 130	
Vinyl chloride	0.00500	0.00518	104	70 - 130	
Xylenes, Total	0.0150	0.0148	99	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	50 - 150
4-Bromofluorobenzene (Surr)	101	50 - 150
Dibromofluoromethane (Surr)	87	50 - 150
Toluene-d8 (Surr)	96	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	MB 240-64920/23-A	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/16/2012 1021	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	0.10	U	0.10	0.20
Acenaphthylene	0.10	U	0.10	0.20
Anthracene	0.10	U	0.10	0.20
Benzo[a]anthracene	0.10	U	0.10	0.20
Benzo[a]pyrene	0.10	U	0.10	0.20
Benzo[b]fluoranthene	0.10	U	0.10	0.20
Benzo[g,h,i]perylene	0.10	U	0.10	0.20
Benzoic acid	10	U	10	25
Benzo[k]fluoranthene	0.10	U	0.10	0.20
Benzyl alcohol	0.80	U	0.38	5.0
Bis(2-chloroethoxy)methane	0.80	U	0.32	1.0
Bis(2-chloroethyl)ether	0.10	U	0.10	1.0
bis (2-chloroisopropyl) ether	0.80	U	0.40	1.0
Bis(2-ethylhexyl) phthalate	0.80	U	0.80	2.0
4-Bromophenyl phenyl ether	0.80	U	0.80	2.0
Butyl benzyl phthalate	0.80	U	0.80	1.0
Carbazole	0.80	U	0.28	1.0
4-Chloroaniline	0.80	U	0.80	2.0
4-Chloro-3-methylphenol	0.80	U	0.80	2.0
2-Chloronaphthalene	0.10	U	0.10	1.0
2-Chlorophenol	0.80	U	0.29	1.0
4-Chlorophenyl phenyl ether	0.80	U	0.30	2.0
Chrysene	0.10	U	0.10	0.20
Dibenz(a,h)anthracene	0.10	U	0.10	0.20
Dibenzofuran	0.10	U	0.10	1.0
1,4-Dichlorobenzene	0.80	U	0.34	1.0
1,2-Dichlorobenzene	0.80	U	0.29	1.0
1,3-Dichlorobenzene	0.80	U	0.80	1.0
3,3'-Dichlorobenzidine	0.80	U	0.37	5.0
2,4-Dichlorophenol	0.80	U	0.80	2.0
Diethyl phthalate	0.80	U	0.60	1.0
2,4-Dimethylphenol	0.80	U	0.80	2.0
Dimethyl phthalate	0.80	U	0.29	1.0
Di-n-butyl phthalate	0.80	U	0.67	1.0
4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.0
2,4-Dinitrophenol	2.4	U	2.4	5.0
2,4-Dinitrotoluene	0.80	U	0.27	5.0
2,6-Dinitrotoluene	0.80	U	0.80	5.0
Di-n-octyl phthalate	0.80	U	0.80	1.0
Fluoranthene	0.10	U	0.10	0.20
Fluorene	0.10	U	0.10	0.20
Hexachlorobenzene	0.10	U	0.10	0.20
Hexachlorobutadiene	0.80	U	0.27	1.0
Hexachlorocyclopentadiene	0.80	U	0.80	10
Hexachloroethane	0.80	U	0.80	1.0

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	MB 240-64920/23-A	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/16/2012 1021	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	0.10	U	0.10	0.20
Isophorone	0.80	U	0.27	1.0
2-Methylnaphthalene	0.10	U	0.10	0.20
2-Methylphenol	0.80	U	0.80	1.0
3 & 4 Methylphenol	0.80	U	0.80	2.0
Naphthalene	0.10	U	0.10	0.20
2-Nitroaniline	0.80	U	0.80	2.0
3-Nitroaniline	0.80	U	0.28	2.0
4-Nitroaniline	0.80	U	0.80	2.0
Nitrobenzene	0.10	U	0.040	1.0
2-Nitrophenol	0.80	U	0.28	2.0
4-Nitrophenol	2.4	U	2.4	5.0
N-Nitrosodi-n-propylamine	0.80	U	0.80	1.0
N-Nitrosodiphenylamine	0.80	U	0.31	1.0
Pentachlorophenol	2.4	U	2.4	5.0
Phenanthrene	0.10	U	0.10	0.20
Phenol	0.80	U	0.60	1.0
Pyrene	0.10	U	0.10	0.20
1,2,4-Trichlorobenzene	0.80	U	0.28	1.0
2,4,5-Trichlorophenol	0.80	U	0.30	5.0
2,4,6-Trichlorophenol	0.80	U	0.80	5.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	74	50 - 110
2-Fluorophenol (Surr)	79	20 - 110
Nitrobenzene-d5 (Surr)	75	40 - 110
Terphenyl-d14 (Surr)	82	50 - 135
2,4,6-Tribromophenol (Surr)	71	40 - 125
Phenol-d5 (Surr)	82	10 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	LCS 240-64920/24-A	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/16/2012 1040	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	15.8	79	45 - 110	
Acenaphthylene	20.0	15.6	78	50 - 105	
Anthracene	20.0	15.2	76	55 - 110	
Benzo[a]anthracene	20.0	14.1	71	55 - 110	
Benzo[a]pyrene	20.0	12.1	61	55 - 110	
Benzo[b]fluoranthene	20.0	13.2	66	45 - 120	
Benzo[g,h,i]perylene	20.0	14.3	72	40 - 125	
Benzoic acid	20.0	11.2	56	0 - 125	J
Benzo[k]fluoranthene	20.0	14.8	74	45 - 125	
Benzyl alcohol	20.0	16.7	84	30 - 110	
Bis(2-chloroethoxy)methane	20.0	15.7	78	45 - 105	
Bis(2-chloroethyl)ether	20.0	17.0	85	35 - 110	
bis (2-chloroisopropyl) ether	20.0	16.6	83	25 - 130	
Bis(2-ethylhexyl) phthalate	20.0	18.9	95	40 - 125	
4-Bromophenyl phenyl ether	20.0	15.8	79	50 - 115	
Butyl benzyl phthalate	20.0	14.6	73	45 - 115	
Carbazole	20.0	15.5	78	50 - 115	
4-Chloroaniline	20.0	13.0	65	15 - 110	
4-Chloro-3-methylphenol	20.0	16.1	80	45 - 110	
2-Chloronaphthalene	20.0	15.5	77	50 - 105	
2-Chlorophenol	20.0	16.9	84	35 - 105	
4-Chlorophenyl phenyl ether	20.0	15.4	77	50 - 110	
Chrysene	20.0	15.2	76	55 - 110	
Dibenz(a,h)anthracene	20.0	14.8	74	40 - 125	
Dibenzofuran	20.0	15.4	77	55 - 105	
1,4-Dichlorobenzene	20.0	16.2	81	30 - 100	
1,2-Dichlorobenzene	20.0	15.9	80	35 - 100	
1,3-Dichlorobenzene	20.0	15.5	78	30 - 100	
3,3'-Dichlorobenzidine	20.0	8.65	43	20 - 110	
2,4-Dichlorophenol	20.0	16.3	82	50 - 105	
Diethyl phthalate	20.0	15.8	79	40 - 120	
2,4-Dimethylphenol	20.0	11.7	59	30 - 110	
Dimethyl phthalate	20.0	15.8	79	25 - 125	
Di-n-butyl phthalate	20.0	15.6	78	55 - 115	
4,6-Dinitro-2-methylphenol	20.0	15.6	78	40 - 130	
2,4-Dinitrophenol	20.0	12.1	60	15 - 140	
2,4-Dinitrotoluene	20.0	16.5	83	50 - 120	
2,6-Dinitrotoluene	20.0	16.9	84	50 - 115	
Di-n-octyl phthalate	20.0	14.4	72	35 - 135	
Fluoranthene	20.0	15.8	79	55 - 115	
Fluorene	20.0	15.4	77	50 - 110	
Hexachlorobenzene	20.0	14.7	74	50 - 110	
Hexachlorobutadiene	20.0	14.2	71	25 - 105	
Hexachloroethane	20.0	15.3	76	30 - 95	
Indeno[1,2,3-cd]pyrene	20.0	14.5	72	45 - 125	
Isophorone	20.0	16.3	82	50 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	LCS 240-64920/24-A	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/16/2012 1040	Units:	ug/L	Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	20.0	15.8	79	45 - 105	
2-Methylphenol	20.0	16.6	83	40 - 110	
3 & 4 Methylphenol	40.0	33.4	84	30 - 110	
Naphthalene	20.0	15.8	79	40 - 100	
2-Nitroaniline	20.0	16.1	80	50 - 115	
3-Nitroaniline	20.0	14.8	74	20 - 125	
4-Nitroaniline	20.0	16.0	80	35 - 120	
Nitrobenzene	20.0	15.9	79	45 - 110	
2-Nitrophenol	20.0	16.3	81	40 - 115	
4-Nitrophenol	20.0	15.1	76	0 - 125	
N-Nitrosodi-n-propylamine	20.0	16.6	83	35 - 130	
N-Nitrosodiphenylamine	20.0	15.1	76	50 - 110	
Pentachlorophenol	20.0	10.5	52	40 - 115	
Phenanthrene	20.0	15.4	77	50 - 115	
Phenol	20.0	16.8	84	0 - 115	
Pyrene	20.0	14.5	73	50 - 130	
1,2,4-Trichlorobenzene	20.0	14.5	72	35 - 105	
2,4,5-Trichlorophenol	20.0	15.3	76	50 - 110	
2,4,6-Trichlorophenol	20.0	15.7	79	50 - 115	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	74	50 - 110
2-Fluorophenol (Surr)	84	20 - 110
Nitrobenzene-d5 (Surr)	75	40 - 110
Terphenyl-d14 (Surr)	81	50 - 135
2,4,6-Tribromophenol (Surr)	79	40 - 125
Phenol-d5 (Surr)	85	10 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

MS Lab Sample ID:	240-17422-13	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1155			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-13	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1214			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	76	70	45 - 110	8	30		
Acenaphthylene	74	67	50 - 105	10	30		
Anthracene	67	56	55 - 110	18	30		
Benzo[a]anthracene	67	55	55 - 110	18	30		
Benzo[a]pyrene	54	42	55 - 110	23	30	J	J
Benzo[b]fluoranthene	59	48	45 - 120	21	30		
Benzo[g,h,i]perylene	67	53	40 - 125	22	30		
Benzoic acid	75	75	0 - 125	0	30	J	J
Benzo[k]fluoranthene	72	61	45 - 125	18	30		
Benzyl alcohol	78	76	30 - 110	2	30		
Bis(2-chloroethoxy)methane	78	74	45 - 105	5	30		
Bis(2-chloroethyl)ether	81	78	35 - 110	4	30		
bis (2-chloroisopropyl) ether	78	75	25 - 130	4	30		
Bis(2-ethylhexyl) phthalate	59	49	40 - 125	20	30		
4-Bromophenyl phenyl ether	75	68	50 - 115	10	30		
Butyl benzyl phthalate	69	63	45 - 115	10	30		
Carbazole	75	69	50 - 115	7	30		
4-Chloroaniline	48	41	15 - 110	15	30		
4-Chloro-3-methylphenol	80	74	45 - 110	8	30		
2-Chloronaphthalene	75	69	50 - 105	9	30		
2-Chlorophenol	80	76	35 - 105	5	30		
4-Chlorophenyl phenyl ether	77	69	50 - 110	11	30		
Chrysene	72	62	55 - 110	14	30		
Dibenz(a,h)anthracene	68	56	40 - 125	20	30		
Dibenzofuran	75	69	55 - 105	8	30		
1,4-Dichlorobenzene	77	73	30 - 100	6	30		
1,2-Dichlorobenzene	76	72	35 - 100	5	30		
1,3-Dichlorobenzene	73	69	30 - 100	6	30		
3,3'-Dichlorobenzidine	0	0	20 - 110	NC	30	U J	U J
2,4-Dichlorophenol	81	75	50 - 105	7	30		
Diethyl phthalate	76	71	40 - 120	7	30		
2,4-Dimethylphenol	67	53	30 - 110	24	30		
Dimethyl phthalate	77	71	25 - 125	7	30		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

MS Lab Sample ID:	240-17422-13	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1155			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-13	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	240-64920	Lab File ID:	21116010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	11/16/2012 1214			Final Weight/Volume:	2.0 mL
Prep Date:	11/14/2012 0833			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	77	69	55 - 115	10	30		
4,6-Dinitro-2-methylphenol	74	71	40 - 130	4	30		
2,4-Dinitrophenol	60	61	15 - 140	1	30		
2,4-Dinitrotoluene	81	73	50 - 120	10	30		
2,6-Dinitrotoluene	81	73	50 - 115	9	30		
Di-n-octyl phthalate	59	45	35 - 135	28	30		
Fluoranthene	76	68	55 - 115	12	30		
Fluorene	75	69	50 - 110	9	30		
Hexachlorobenzene	76	66	50 - 110	15	30		
Hexachlorobutadiene	71	63	25 - 105	13	30		
Hexachloroethane	73	67	30 - 95	8	30		
Indeno[1,2,3-cd]pyrene	67	55	45 - 125	20	30		
Isophorone	80	76	50 - 110	5	30		
2-Methylnaphthalene	77	74	45 - 105	4	30		
2-Methylphenol	80	73	40 - 110	10	30		
3 & 4 Methylphenol	81	75	30 - 110	7	30		
Naphthalene	78	74	40 - 100	5	30		
2-Nitroaniline	78	71	50 - 115	9	30		
3-Nitroaniline	54	47	20 - 125	15	30		
4-Nitroaniline	65	58	35 - 120	11	30		
Nitrobenzene	76	72	45 - 110	5	30		
2-Nitrophenol	81	74	40 - 115	9	30		
4-Nitrophenol	72	68	0 - 125	5	30		
N-Nitrosodi-n-propylamine	79	76	35 - 130	5	30		
N-Nitrosodiphenylamine	72	50	50 - 110	35	30		J
Pentachlorophenol	67	62	40 - 115	8	30		
Phenanthrene	76	69	50 - 115	9	30		
Phenol	80	77	0 - 115	4	30		
Pyrene	68	0	50 - 130	200	30		U J
1,2,4-Trichlorobenzene	71	66	35 - 105	7	30		
2,4,5-Trichlorophenol	74	68	50 - 110	8	30		
2,4,6-Trichlorophenol	75	69	50 - 115	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	73	66	50 - 110
2-Fluorophenol (Surr)	80	74	20 - 110
Nitrobenzene-d5 (Surr)	73	67	40 - 110
Terphenyl-d14 (Surr)	75	64	50 - 135
2,4,6-Tribromophenol (Surr)	81	68	40 - 125
Phenol-d5 (Surr)	79	77	10 - 115

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

MS Lab Sample ID:	240-17422-13	Units:	ug/L	MSD Lab Sample ID:	240-17422-13
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/16/2012 1155			Analysis Date:	11/16/2012 1214
Prep Date:	11/14/2012 0833			Prep Date:	11/14/2012 0833
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	0.095	U	19.0	19.0	14.4		13.3	
Acenaphthylene	0.095	U	19.0	19.0	14.1		12.7	
Anthracene	0.095	U	19.0	19.0	12.8		10.7	
Benzo[a]anthracene	0.095	U	19.0	19.0	12.7		10.6	
Benzo[a]pyrene	0.095	U	19.0	19.0	10.2	J	8.07	J
Benzo[b]fluoranthene	0.095	U	19.0	19.0	11.2		9.08	
Benzo[g,h,i]perylene	0.095	U	19.0	19.0	12.7		10.1	
Benzoic acid	9.5	U	19.0	19.0	14.2	J	14.2	J
Benzo[k]fluoranthene	0.095	U	19.0	19.0	13.8		11.6	
Benzyl alcohol	0.76	U	19.0	19.0	14.8		14.6	
Bis(2-chloroethoxy)methane	0.76	U	19.0	19.0	14.8		14.1	
Bis(2-chloroethyl)ether	0.095	U	19.0	19.0	15.4		14.8	
bis (2-chloroisopropyl) ether	0.76	U	19.0	19.0	14.9		14.3	
Bis(2-ethylhexyl) phthalate	0.76	U	19.0	19.0	11.3		9.26	
4-Bromophenyl phenyl ether	0.76	U	19.0	19.0	14.3		13.0	
Butyl benzyl phthalate	0.76	U	19.0	19.0	13.2		11.9	
Carbazole	0.76	U	19.0	19.0	14.2		13.2	
4-Chloroaniline	0.76	U	19.0	19.0	9.21		7.89	
4-Chloro-3-methylphenol	0.76	U	19.0	19.0	15.3		14.2	
2-Chloronaphthalene	0.095	U	19.0	19.0	14.3		13.1	
2-Chlorophenol	0.76	U	19.0	19.0	15.3		14.5	
4-Chlorophenyl phenyl ether	0.76	U	19.0	19.0	14.6		13.1	
Chrysene	0.095	U	19.0	19.0	13.7		11.9	
Dibenz(a,h)anthracene	0.095	U	19.0	19.0	13.0		10.7	
Dibenzofuran	0.095	U	19.0	19.0	14.2		13.2	
1,4-Dichlorobenzene	0.76	U	19.0	19.0	14.7		13.9	
1,2-Dichlorobenzene	0.76	U	19.0	19.0	14.4		13.7	
1,3-Dichlorobenzene	0.76	U	19.0	19.0	14.0		13.1	
3,3'-Dichlorobenzidine	0.76	U	19.0	19.0	0.76	U J	0.76	U J
2,4-Dichlorophenol	0.76	U	19.0	19.0	15.4		14.3	
Diethyl phthalate	0.76	U	19.0	19.0	14.4		13.5	
2,4-Dimethylphenol	0.76	U	19.0	19.0	12.8		10.1	
Dimethyl phthalate	0.76	U	19.0	19.0	14.6		13.6	
Di-n-butyl phthalate	0.76	U	19.0	19.0	14.6		13.2	
4,6-Dinitro-2-methylphenol	2.3	U	19.0	19.0	14.1		13.6	
2,4-Dinitrophenol	2.3	U	19.0	19.0	11.5		11.6	
2,4-Dinitrotoluene	0.76	U	19.0	19.0	15.4		13.9	
2,6-Dinitrotoluene	0.76	U	19.0	19.0	15.3		14.0	
Di-n-octyl phthalate	0.76	U	19.0	19.0	11.2		8.48	
Fluoranthene	0.095	U	19.0	19.0	14.5		12.9	
Fluorene	0.095	U	19.0	19.0	14.3		13.1	
Hexachlorobenzene	0.095	U	19.0	19.0	14.5		12.5	
Hexachlorobutadiene	0.76	U	19.0	19.0	13.5		11.9	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64920

Method: 8270C/DoD
Preparation: 3520C

MS Lab Sample ID:	240-17422-13	Units:	ug/L	MSD Lab Sample ID:	240-17422-13
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/16/2012 1155			Analysis Date:	11/16/2012 1214
Prep Date:	11/14/2012 0833			Prep Date:	11/14/2012 0833
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Hexachloroethane	0.76	U	19.0	19.0	13.9	12.8	
Indeno[1,2,3-cd]pyrene	0.095	U	19.0	19.0	12.8	10.5	
Isophorone	0.76	U	19.0	19.0	15.2	14.5	
2-Methylnaphthalene	0.095	U	19.0	19.0	14.7	14.0	
2-Methylphenol	0.76	U	19.0	19.0	15.3	13.8	
3 & 4 Methylphenol	0.76	U	38.1	38.1	30.7	28.6	
Naphthalene	0.095	U	19.0	19.0	14.9	14.2	
2-Nitroaniline	0.76	U	19.0	19.0	14.8	13.6	
3-Nitroaniline	0.76	U	19.0	19.0	10.4	8.97	
4-Nitroaniline	0.76	U	19.0	19.0	12.3	11.0	
Nitrobenzene	0.095	U	19.0	19.0	14.5	13.8	
2-Nitrophenol	0.76	U	19.0	19.0	15.4	14.1	
4-Nitrophenol	2.3	U	19.0	19.0	13.7	13.0	
N-Nitrosodi-n-propylamine	0.76	U	19.0	19.0	15.1	14.4	
N-Nitrosodiphenylamine	0.76	U	19.0	19.0	13.7	9.58	J
Pentachlorophenol	2.3	U	19.0	19.0	12.7	11.7	
Phenanthrene	0.095	U	19.0	19.0	14.4	13.2	
Phenol	0.76	U	19.0	19.0	15.3	14.6	
Pyrene	0.095	U	19.0	19.0	13.0	0.095	U J
1,2,4-Trichlorobenzene	0.76	U	19.0	19.0	13.5	12.6	
2,4,5-Trichlorophenol	0.76	U	19.0	19.0	14.1	13.0	
2,4,6-Trichlorophenol	0.76	U	19.0	19.0	14.2	13.1	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65294

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-65294/3	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21116003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2012 1000	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.99	100	70 - 130	
Acenaphthylene	5.00	5.05	101	70 - 130	
Anthracene	5.00	5.07	101	70 - 130	
Benzo[a]anthracene	5.00	4.84	97	70 - 130	
Benzo[a]pyrene	5.00	4.88	98	70 - 130	
Benzo[b]fluoranthene	5.00	4.78	96	70 - 130	
Benzo[g,h,i]perylene	5.00	4.82	96	70 - 130	
Benzoic acid	10.0	8.59	86	70 - 130	M
Benzo[k]fluoranthene	5.00	5.11	102	70 - 130	
Benzyl alcohol	5.00	4.88	98	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.96	99	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70 - 130	
bis (2-chloroisopropyl) ether	5.00	4.84	97	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.08	102	70 - 130	
Butyl benzyl phthalate	5.00	4.99	100	70 - 130	
Carbazole	5.00	5.13	103	70 - 130	
4-Chloroaniline	5.00	4.91	98	70 - 130	
4-Chloro-3-methylphenol	5.00	4.90	98	70 - 130	
2-Chloronaphthalene	5.00	4.86	97	70 - 130	
2-Chlorophenol	5.00	5.12	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.91	98	70 - 130	
Chrysene	5.00	4.95	99	70 - 130	
Dibenz(a,h)anthracene	5.00	4.94	99	70 - 130	
Dibenzofuran	5.00	4.85	97	70 - 130	
1,4-Dichlorobenzene	5.00	5.10	102	70 - 130	
1,2-Dichlorobenzene	5.00	4.96	99	70 - 130	
1,3-Dichlorobenzene	5.00	5.01	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.12	102	70 - 130	
2,4-Dichlorophenol	5.00	5.11	102	70 - 130	
Diethyl phthalate	5.00	4.79	96	70 - 130	
2,4-Dimethylphenol	5.00	4.91	98	70 - 130	
Dimethyl phthalate	5.00	4.84	97	70 - 130	
Di-n-butyl phthalate	5.00	5.10	102	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.99	100	70 - 130	
2,4-Dinitrophenol	10.0	8.37	84	70 - 130	
2,4-Dinitrotoluene	5.00	5.01	100	70 - 130	
2,6-Dinitrotoluene	5.00	5.12	102	70 - 130	
Di-n-octyl phthalate	5.00	4.99	100	70 - 130	
Fluoranthene	5.00	5.05	101	70 - 130	
Fluorene	5.00	4.82	96	70 - 130	
Hexachlorobenzene	5.00	5.16	103	70 - 130	
Hexachlorobutadiene	5.00	5.01	100	70 - 130	
Hexachloroethane	5.00	5.01	100	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.84	97	70 - 130	
Isophorone	5.00	4.88	98	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65294 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65294/3	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21116003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2012 1000	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	5.00	5.05	101	70 - 130	
2-Methylphenol	5.00	4.99	100	70 - 130	
3 & 4 Methylphenol	5.00	5.05	101	70 - 130	
Naphthalene	5.00	5.01	100	70 - 130	
2-Nitroaniline	5.00	4.89	98	70 - 130	
3-Nitroaniline	5.00	5.02	100	70 - 130	
4-Nitroaniline	5.00	5.00	100	70 - 130	
Nitrobenzene	5.00	4.93	99	70 - 130	
2-Nitrophenol	5.00	4.96	99	70 - 130	
4-Nitrophenol	5.00	4.56	91	70 - 130	
N-Nitrosodi-n-propylamine	5.00	4.91	98	70 - 130	
N-Nitrosodiphenylamine	5.00	5.11	102	70 - 130	
Pentachlorophenol	10.0	8.19	82	70 - 130	
Phenanthrene	5.00	4.93	99	70 - 130	
Phenol	5.00	5.09	102	70 - 130	
Pyrene	5.00	5.06	101	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.83	97	70 - 130	
2,4,5-Trichlorophenol	5.00	4.81	96	70 - 130	
2,4,6-Trichlorophenol	5.00	4.71	94	70 - 130	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	100	70 - 130
2-Fluorophenol (Surr)	97	50 - 150
Nitrobenzene-d5 (Surr)	93	50 - 150
Terphenyl-d14 (Surr)	101	50 - 150
2,4,6-Tribromophenol (Surr)	95	50 - 150
Phenol-d5 (Surr)	100	50 - 150

Method Reporting Limit Check - Batch: 240-65294 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65294/19	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21116019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2012 1509	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.93	99	70 - 130	
Acenaphthylene	5.00	4.98	100	70 - 130	
Anthracene	5.00	4.99	100	70 - 130	
Benzo[a]anthracene	5.00	4.76	95	70 - 130	
Benzo[a]pyrene	5.00	4.97	99	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65294

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-65294/19	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21116019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2012 1509	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[b]fluoranthene	5.00	4.67	93	70 - 130	
Benzo[g,h,i]perylene	5.00	4.66	93	70 - 130	
Benzoic acid	10.0	7.23	72	70 - 130	
Benzo[k]fluoranthene	5.00	5.40	108	70 - 130	
Benzyl alcohol	5.00	4.71	94	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.95	99	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.98	100	70 - 130	
bis (2-chloroisopropyl) ether	5.00	4.89	98	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.79	96	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.08	102	70 - 130	
Butyl benzyl phthalate	5.00	4.95	99	70 - 130	
Carbazole	5.00	4.97	99	70 - 130	
4-Chloroaniline	5.00	4.74	95	70 - 130	
4-Chloro-3-methylphenol	5.00	4.79	96	70 - 130	
2-Chloronaphthalene	5.00	4.88	98	70 - 130	
2-Chlorophenol	5.00	4.94	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.00	100	70 - 130	
Chrysene	5.00	4.88	98	70 - 130	
Dibenz(a,h)anthracene	5.00	5.23	105	70 - 130	
Dibenzofuran	5.00	4.71	94	70 - 130	
1,4-Dichlorobenzene	5.00	4.92	98	70 - 130	
1,2-Dichlorobenzene	5.00	4.98	100	70 - 130	
1,3-Dichlorobenzene	5.00	4.99	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.93	99	70 - 130	
2,4-Dichlorophenol	5.00	4.97	99	70 - 130	
Diethyl phthalate	5.00	4.79	96	70 - 130	
2,4-Dimethylphenol	5.00	4.89	98	70 - 130	
Dimethyl phthalate	5.00	4.83	97	70 - 130	
Di-n-butyl phthalate	5.00	4.94	99	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.40	88	70 - 130	
2,4-Dinitrophenol	10.0	7.63	76	70 - 130	
2,4-Dinitrotoluene	5.00	5.02	100	70 - 130	
2,6-Dinitrotoluene	5.00	4.81	96	70 - 130	
Di-n-octyl phthalate	5.00	5.14	103	70 - 130	
Fluoranthene	5.00	5.00	100	70 - 130	
Fluorene	5.00	4.91	98	70 - 130	
Hexachlorobenzene	5.00	5.02	100	70 - 130	
Hexachlorobutadiene	5.00	5.05	101	70 - 130	
Hexachloroethane	5.00	5.00	100	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.17	103	70 - 130	
Isophorone	5.00	4.84	97	70 - 130	
2-Methylnaphthalene	5.00	4.91	98	70 - 130	
2-Methylphenol	5.00	4.92	98	70 - 130	
3 & 4 Methylphenol	5.00	4.98	100	70 - 130	
Naphthalene	5.00	4.97	99	70 - 130	
2-Nitroaniline	5.00	4.66	93	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65294

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-65294/19	Analysis Batch:	240-65294	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21116019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/16/2012 1509	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3-Nitroaniline	5.00	4.64	93	70 - 130	
4-Nitroaniline	5.00	4.78	96	70 - 130	
Nitrobenzene	5.00	4.86	97	70 - 130	
2-Nitrophenol	5.00	4.88	98	70 - 130	
4-Nitrophenol	5.00	4.00	80	70 - 130	
N-Nitrosodi-n-propylamine	5.00	4.82	96	70 - 130	
N-Nitrosodiphenylamine	5.00	4.88	98	70 - 130	
Pentachlorophenol	10.0	7.60	76	70 - 130	
Phenanthrene	5.00	4.88	98	70 - 130	
Phenol	5.00	4.76	95	70 - 130	
Pyrene	5.00	4.91	98	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.05	101	70 - 130	
2,4,5-Trichlorophenol	5.00	4.60	92	70 - 130	
2,4,6-Trichlorophenol	5.00	4.72	94	70 - 130	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	98	70 - 130
2-Fluorophenol (Surr)	99	50 - 150
Nitrobenzene-d5 (Surr)	92	50 - 150
Terphenyl-d14 (Surr)	100	50 - 150
2,4,6-Tribromophenol (Surr)	99	50 - 150
Phenol-d5 (Surr)	94	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65503/22-A	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/23/2012 1128	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	19.8	J	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,4-Dichlorobenzene	27	U	20	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27.7	J	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65503/22-A	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/23/2012 1128	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	72	45 - 105
2-Fluorophenol (Surr)	77	35 - 105
Nitrobenzene-d5 (Surr)	78	35 - 100
Terphenyl-d14 (Surr)	91	30 - 125
2,4,6-Tribromophenol (Surr)	77	35 - 125
Phenol-d5 (Surr)	77	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65503/23-A	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/23/2012 1151	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	492	74	45 - 110	
Acenaphthylene	667	501	75	45 - 105	
Anthracene	667	523	78	55 - 105	
Benzo[a]anthracene	667	511	77	50 - 110	
Benzo[a]pyrene	667	461	69	50 - 110	
Benzo[b]fluoranthene	667	533	80	45 - 115	
Benzo[g,h,i]perylene	667	588	88	40 - 125	
Benzoic acid	667	330	25	0 - 110	U
Benzo[k]fluoranthene	667	502	75	45 - 125	
Benzyl alcohol	667	488	73	20 - 125	
Bis(2-chloroethoxy)methane	667	466	70	45 - 110	
Bis(2-chloroethyl)ether	667	460	69	40 - 105	
bis (2-chloroisopropyl) ether	667	448	67	20 - 115	
Bis(2-ethylhexyl) phthalate	667	521	78	45 - 125	
4-Bromophenyl phenyl ether	667	549	82	45 - 115	
Butyl benzyl phthalate	667	522	78	50 - 125	
Carbazole	667	533	80	45 - 115	
4-Chloroaniline	667	361	54	10 - 110	
4-Chloro-3-methylphenol	667	531	80	45 - 115	
2-Chloronaphthalene	667	481	72	45 - 105	
2-Chlorophenol	667	466	70	45 - 105	
4-Chlorophenyl phenyl ether	667	518	78	45 - 110	
Chrysene	667	533	80	55 - 110	
Dibenz(a,h)anthracene	667	529	79	40 - 125	
Dibenzofuran	667	485	73	50 - 105	
1,4-Dichlorobenzene	667	433	65	35 - 105	
1,2-Dichlorobenzene	667	429	64	45 - 110	
1,3-Dichlorobenzene	667	415	62	40 - 100	
3,3'-Dichlorobenzidine	667	309	46	10 - 130	
2,4-Dichlorophenol	667	510	76	45 - 110	
Diethyl phthalate	667	535	80	50 - 115	
2,4-Dimethylphenol	667	379	57	30 - 105	
Dimethyl phthalate	667	535	80	50 - 110	
Di-n-butyl phthalate	667	558	84	55 - 110	
4,6-Dinitro-2-methylphenol	667	459	69	30 - 135	
2,4-Dinitrophenol	667	389	58	15 - 130	
2,4-Dinitrotoluene	667	536	80	50 - 115	
2,6-Dinitrotoluene	667	544	82	50 - 110	
Di-n-octyl phthalate	667	526	79	40 - 130	
Fluoranthene	667	545	82	55 - 115	
Fluorene	667	500	75	50 - 110	
Hexachlorobenzene	667	505	76	45 - 120	
Hexachlorobutadiene	667	427	64	40 - 115	
Hexachloroethane	667	418	63	35 - 110	
Indeno[1,2,3-cd]pyrene	667	538	81	40 - 120	
Isophorone	667	499	75	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65503/23-A	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/23/2012 1151	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	474	71	45 - 105	
2-Methylphenol	667	481	72	40 - 105	
3 & 4 Methylphenol	1330	997	75	40 - 105	
Naphthalene	667	449	67	40 - 105	
2-Nitroaniline	667	557	84	45 - 120	
3-Nitroaniline	667	478	72	25 - 110	
4-Nitroaniline	667	531	80	35 - 115	
Nitrobenzene	667	461	69	40 - 115	
2-Nitrophenol	667	512	77	40 - 110	
4-Nitrophenol	667	525	79	15 - 140	
N-Nitrosodi-n-propylamine	667	484	73	40 - 115	
N-Nitrosodiphenylamine	667	514	77	50 - 115	
Pentachlorophenol	667	372	56	25 - 120	
Phenanthrene	667	507	76	50 - 110	
Phenol	667	499	75	40 - 100	
Pyrene	667	494	74	45 - 125	
1,2,4-Trichlorobenzene	667	436	65	45 - 110	
2,4,5-Trichlorophenol	667	513	77	50 - 110	
2,4,6-Trichlorophenol	667	517	78	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	68	45 - 105
2-Fluorophenol (Surr)	69	35 - 105
Nitrobenzene-d5 (Surr)	69	35 - 100
Terphenyl-d14 (Surr)	78	30 - 125
2,4,6-Tribromophenol (Surr)	76	35 - 125
Phenol-d5 (Surr)	74	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123009.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.67 g
Analysis Date:	11/23/2012 1238			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123010.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.67 g
Analysis Date:	11/23/2012 1301			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	68	75	45 - 110	10	30		
Acenaphthylene	69	76	45 - 105	9	30		
Anthracene	75	78	55 - 105	4	30		
Benzo[a]anthracene	79	76	50 - 110	4	30		
Benzo[a]pyrene	65	62	50 - 110	4	30		
Benzo[b]fluoranthene	76	72	45 - 115	6	30		
Benzo[g,h,i]perylene	71	67	40 - 125	5	30		
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	71	68	45 - 125	4	30		
Benzyl alcohol	67	75	20 - 125	12	30		
Bis(2-chloroethoxy)methane	62	72	45 - 110	15	30		
Bis(2-chloroethyl)ether	57	67	40 - 105	16	30		
bis (2-chloroisopropyl) ether	59	69	20 - 115	16	30		
Bis(2-ethylhexyl) phthalate	79	77	45 - 125	2	30		
4-Bromophenyl phenyl ether	76	80	45 - 115	5	30		
Butyl benzyl phthalate	80	80	50 - 125	0	30		
Carbazole	71	70	45 - 115	1	30		
4-Chloroaniline	5	7	10 - 95	38	30	J	J
4-Chloro-3-methylphenol	79	80	45 - 115	1	30		
2-Chloronaphthalene	64	75	45 - 105	15	30		
2-Chlorophenol	63	69	45 - 105	8	30		
4-Chlorophenyl phenyl ether	76	79	45 - 110	4	30		
Chrysene	82	80	55 - 110	2	30		
Dibenz(a,h)anthracene	69	66	40 - 125	4	30		
Dibenzofuran	68	75	50 - 105	9	30		
1,4-Dichlorobenzene	50	61	35 - 105	19	30		
1,2-Dichlorobenzene	52	63	45 - 95	19	30		
1,3-Dichlorobenzene	49	59	40 - 100	18	30		
3,3'-Dichlorobenzidine	0	0	10 - 130	NC	30	U J	U J
2,4-Dichlorophenol	71	79	45 - 110	10	30		
Diethyl phthalate	76	79	50 - 115	4	30		
2,4-Dimethylphenol	56	64	30 - 105	13	30		
Dimethyl phthalate	76	81	50 - 110	6	30		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123009.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.67 g
Analysis Date:	11/23/2012 1238			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65503	Lab File ID:	21123010.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.67 g
Analysis Date:	11/23/2012 1301			Final Weight/Volume:	2 mL
Prep Date:	11/18/2012 1134			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	80	82	55 - 110	1	30		
4,6-Dinitro-2-methylphenol	61	63	30 - 135	2	30		
2,4-Dinitrophenol	64	66	15 - 130	3	30		
2,4-Dinitrotoluene	78	82	50 - 115	4	30		
2,6-Dinitrotoluene	78	82	50 - 110	5	30		
Di-n-octyl phthalate	81	78	40 - 130	3	30		
Fluoranthene	77	79	55 - 115	3	30		
Fluorene	73	77	50 - 110	5	30		
Hexachlorobenzene	73	80	45 - 120	9	30		
Hexachlorobutadiene	56	65	40 - 115	14	30		
Hexachloroethane	52	60	35 - 110	15	30		
Indeno[1,2,3-cd]pyrene	68	65	40 - 120	4	30		
Isophorone	67	76	45 - 110	13	30		
2-Methylnaphthalene	62	71	45 - 105	14	30		
2-Methylphenol	64	72	40 - 105	12	30		
3 & 4 Methylphenol	68	74	40 - 105	8	30		
Naphthalene	58	69	40 - 105	17	30		
2-Nitroaniline	81	83	45 - 120	3	30		
3-Nitroaniline	8	12	25 - 110	36	30	J	J
4-Nitroaniline	19	23	35 - 115	18	30	J	J
Nitrobenzene	61	71	40 - 115	15	30		
2-Nitrophenol	66	78	40 - 110	16	30		
4-Nitrophenol	78	84	15 - 140	7	30		
N-Nitrosodi-n-propylamine	65	75	40 - 115	14	30		
N-Nitrosodiphenylamine	71	75	50 - 115	5	30		
Pentachlorophenol	83	84	25 - 120	2	30		
Phenanthrene	72	76	50 - 110	5	30		
Phenol	67	76	40 - 100	12	30		
Pyrene	72	70	45 - 125	2	30		
1,2,4-Trichlorobenzene	56	66	45 - 110	17	30		
2,4,5-Trichlorophenol	79	83	50 - 110	5	30		
2,4,6-Trichlorophenol	79	84	45 - 110	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	63	69	45 - 105
2-Fluorophenol (Surr)	64	72	35 - 105
Nitrobenzene-d5 (Surr)	61	71	35 - 100
Terphenyl-d14 (Surr)	80	79	30 - 125
2,4,6-Tribromophenol (Surr)	84	85	35 - 125
Phenol-d5 (Surr)	68	74	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2012 1238			Analysis Date:	11/23/2012 1301
Prep Date:	11/18/2012 1134			Prep Date:	11/18/2012 1134
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.3	U	674	674	460		507	
Acenaphthylene	3.3	U	674	674	467		513	
Anthracene	3.3	U	674	674	508		528	
Benzo[a]anthracene	3.3	U	674	674	535		512	
Benzo[a]pyrene	19		674	674	456		440	
Benzo[b]fluoranthene	19		674	674	534		505	
Benzo[g,h,i]perylene	10		674	674	489		464	
Benzoic acid	330	U	674	674	340	U	340	U
Benzo[k]fluoranthene	9.7		674	674	486		468	
Benzyl alcohol	27	U	674	674	449		505	
Bis(2-chloroethoxy)methane	27	U	674	674	417		484	
Bis(2-chloroethyl)ether	3.3	U	674	674	386		453	
bis (2-chloroisopropyl) ether	27	U	674	674	399		467	
Bis(2-ethylhexyl) phthalate	36	J	674	674	569		558	
4-Bromophenyl phenyl ether	27	U	674	674	510		537	
Butyl benzyl phthalate	27	U	674	674	537		538	
Carbazole	27	U	674	674	479		475	
4-Chloroaniline	27	U	674	674	33.9	J	49.9	J
4-Chloro-3-methylphenol	27	U	674	674	531		538	
2-Chloronaphthalene	3.3	U	674	674	434		504	
2-Chlorophenol	27	U	674	674	425		462	
4-Chlorophenyl phenyl ether	27	U	674	674	511		532	
Chrysene	3.3	U	674	674	553		541	
Dibenz(a,h)anthracene	3.3	U	674	674	463		444	
Dibenzofuran	7.0	J	674	674	468		510	
1,4-Dichlorobenzene	33	J	674	674	368		443	
1,2-Dichlorobenzene	27	U	674	674	351		423	
1,3-Dichlorobenzene	27	U	674	674	331		397	
3,3'-Dichlorobenzidine	79	U	674	674	81	U J	81	U J
2,4-Dichlorophenol	27	U	674	674	482		530	
Diethyl phthalate	21	J	674	674	531		553	
2,4-Dimethylphenol	79	U	674	674	378		430	
Dimethyl phthalate	27	U	674	674	513		545	
Di-n-butyl phthalate	16	J	674	674	558		566	
4,6-Dinitro-2-methylphenol	79	U	674	674	414		423	
2,4-Dinitrophenol	79	U	674	674	431		444	
2,4-Dinitrotoluene	27	U	674	674	529		550	
2,6-Dinitrotoluene	27	U	674	674	526		555	
Di-n-octyl phthalate	27	U	674	674	546		529	
Fluoranthene	28		674	674	547		563	
Fluorene	4.7	J	674	674	498		522	
Hexachlorobenzene	3.3	U	674	674	495		539	
Hexachlorobutadiene	27	U	674	674	379		438	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65503

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/23/2012 1238		
Prep Date:	11/18/2012 1134		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/23/2012 1301
Prep Date:	11/18/2012 1134
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	27	U	674	674	350		405	
Indeno[1,2,3-cd]pyrene	13		674	674	470		451	
Isophorone	20	J	674	674	470		534	
2-Methylnaphthalene	18		674	674	435		498	
2-Methylphenol	79	U	674	674	432		487	
3 & 4 Methylphenol	79	U	1350	1350	918		996	
Naphthalene	20		674	674	409		486	
2-Nitroaniline	27	U	674	674	545		562	
3-Nitroaniline	79	U	674	674	56.2	J	81.3	J
4-Nitroaniline	27	U	674	674	131	J	157	J
Nitrobenzene	3.3	U	674	674	410		476	
2-Nitrophenol	27	U	674	674	445		525	
4-Nitrophenol	79	U	674	674	528		567	
N-Nitrosodi-n-propylamine	27	U	674	674	437		503	
N-Nitrosodiphenylamine	27	U	674	674	477		503	
Pentachlorophenol	79	U	674	674	559		569	
Phenanthrene	22		674	674	510		534	
Phenol	27	U	674	674	451		510	
Pyrene	19		674	674	502		490	
1,2,4-Trichlorobenzene	27	U	674	674	376		447	
2,4,5-Trichlorophenol	27	U	674	674	535		561	
2,4,6-Trichlorophenol	79	U	674	674	532		566	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65764/23-A	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/26/2012 1116	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	22.1	J	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,4-Dichlorobenzene	27	U	20	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27	U	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65764/23-A	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/26/2012 1116	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	64	45 - 105
2-Fluorophenol (Surr)	70	35 - 105
Nitrobenzene-d5 (Surr)	69	35 - 100
Terphenyl-d14 (Surr)	86	30 - 125
2,4,6-Tribromophenol (Surr)	69	35 - 125
Phenol-d5 (Surr)	72	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65764/24-A	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/26/2012 1139	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	459	69	45 - 110	
Acenaphthylene	667	458	69	45 - 105	
Anthracene	667	509	76	55 - 105	
Benzo[a]anthracene	667	498	75	50 - 110	
Benzo[a]pyrene	667	454	68	50 - 110	
Benzo[b]fluoranthene	667	528	79	45 - 115	
Benzo[g,h,i]perylene	667	540	81	40 - 125	
Benzoic acid	667	330	25	0 - 110	U
Benzo[k]fluoranthene	667	498	75	45 - 125	
Benzyl alcohol	667	462	69	20 - 125	
Bis(2-chloroethoxy)methane	667	445	67	45 - 110	
Bis(2-chloroethyl)ether	667	436	65	40 - 105	
bis (2-chloroisopropyl) ether	667	450	68	20 - 115	
Bis(2-ethylhexyl) phthalate	667	513	77	45 - 125	
4-Bromophenyl phenyl ether	667	532	80	45 - 115	
Butyl benzyl phthalate	667	508	76	50 - 125	
Carbazole	667	522	78	45 - 115	
4-Chloroaniline	667	325	49	10 - 110	
4-Chloro-3-methylphenol	667	506	76	45 - 115	
2-Chloronaphthalene	667	447	67	45 - 105	
2-Chlorophenol	667	445	67	45 - 105	
4-Chlorophenyl phenyl ether	667	497	75	45 - 110	
Chrysene	667	525	79	55 - 110	
Dibenz(a,h)anthracene	667	501	75	40 - 125	
Dibenzofuran	667	453	68	50 - 105	
1,4-Dichlorobenzene	667	432	65	35 - 105	
1,2-Dichlorobenzene	667	440	66	45 - 110	
1,3-Dichlorobenzene	667	410	62	40 - 100	
3,3'-Dichlorobenzidine	667	332	50	10 - 130	
2,4-Dichlorophenol	667	479	72	45 - 110	
Diethyl phthalate	667	514	77	50 - 115	
2,4-Dimethylphenol	667	340	51	30 - 105	
Dimethyl phthalate	667	500	75	50 - 110	
Di-n-butyl phthalate	667	558	84	55 - 110	
4,6-Dinitro-2-methylphenol	667	469	70	30 - 135	
2,4-Dinitrophenol	667	441	66	15 - 130	
2,4-Dinitrotoluene	667	530	80	50 - 115	
2,6-Dinitrotoluene	667	512	77	50 - 110	
Di-n-octyl phthalate	667	505	76	40 - 130	
Fluoranthene	667	540	81	55 - 115	
Fluorene	667	476	71	50 - 110	
Hexachlorobenzene	667	511	77	45 - 120	
Hexachlorobutadiene	667	427	64	40 - 115	
Hexachloroethane	667	423	63	35 - 110	
Indeno[1,2,3-cd]pyrene	667	508	76	40 - 120	
Isophorone	667	482	72	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65764/24-A	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/26/2012 1139	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	458	69	45 - 105	
2-Methylphenol	667	427	64	40 - 105	
3 & 4 Methylphenol	1330	909	68	40 - 105	
Naphthalene	667	446	67	40 - 105	
2-Nitroaniline	667	532	80	45 - 120	
3-Nitroaniline	667	488	73	25 - 110	
4-Nitroaniline	667	497	75	35 - 115	
Nitrobenzene	667	473	71	40 - 115	
2-Nitrophenol	667	487	73	40 - 110	
4-Nitrophenol	667	518	78	15 - 140	
N-Nitrosodi-n-propylamine	667	470	70	40 - 115	
N-Nitrosodiphenylamine	667	518	78	50 - 115	
Pentachlorophenol	667	395	59	25 - 120	
Phenanthrene	667	488	73	50 - 110	
Phenol	667	454	68	40 - 100	
Pyrene	667	488	73	45 - 125	
1,2,4-Trichlorobenzene	667	429	64	45 - 110	
2,4,5-Trichlorophenol	667	497	75	50 - 110	
2,4,6-Trichlorophenol	667	473	71	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	64	45 - 105
2-Fluorophenol (Surr)	69	35 - 105
Nitrobenzene-d5 (Surr)	69	35 - 100
Terphenyl-d14 (Surr)	82	30 - 125
2,4,6-Tribromophenol (Surr)	79	35 - 125
Phenol-d5 (Surr)	70	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126007.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.31 g
Analysis Date:	11/26/2012 1226			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126008.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.49 g
Analysis Date:	11/26/2012 1249			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	65	69	45 - 110	5	30		
Acenaphthylene	65	68	45 - 105	4	30		
Anthracene	69	72	55 - 105	3	30		
Benzo[a]anthracene	68	72	50 - 110	5	30		
Benzo[a]pyrene	60	60	50 - 110	1	30		
Benzo[b]fluoranthene	68	67	45 - 115	2	30		
Benzo[g,h,i]perylene	60	56	40 - 125	7	30		
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	70	70	45 - 125	0	30		
Benzyl alcohol	67	66	20 - 125	3	30		
Bis(2-chloroethoxy)methane	59	59	45 - 110	0	30		
Bis(2-chloroethyl)ether	58	55	40 - 105	5	30		
bis (2-chloroisopropyl) ether	58	56	20 - 115	3	30		
Bis(2-ethylhexyl) phthalate	69	70	45 - 125	1	30		
4-Bromophenyl phenyl ether	72	75	45 - 115	3	30		
Butyl benzyl phthalate	71	74	50 - 125	3	30		
Carbazole	69	67	45 - 115	4	30		
4-Chloroaniline	24	26	10 - 95	7	30		
4-Chloro-3-methylphenol	75	76	45 - 115	1	30		
2-Chloronaphthalene	62	65	45 - 105	4	30		
2-Chlorophenol	60	60	45 - 105	1	30		
4-Chlorophenyl phenyl ether	69	70	45 - 110	1	30		
Chrysene	71	74	55 - 110	4	30		
Dibenz(a,h)anthracene	62	59	40 - 125	7	30		
Dibenzofuran	63	68	50 - 105	5	30		
1,4-Dichlorobenzene	57	56	35 - 105	2	30		
1,2-Dichlorobenzene	54	52	45 - 95	3	30		
1,3-Dichlorobenzene	51	52	40 - 100	2	30		
3,3'-Dichlorobenzidine	0	0	10 - 130	NC	30	U J	U J
2,4-Dichlorophenol	70	71	45 - 110	1	30		
Diethyl phthalate	71	77	50 - 115	7	30		
2,4-Dimethylphenol	63	64	30 - 105	1	30		
Dimethyl phthalate	70	73	50 - 110	4	30		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126007.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.31 g
Analysis Date:	11/26/2012 1226			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126008.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.49 g
Analysis Date:	11/26/2012 1249			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	77	78	55 - 110	1	30		
4,6-Dinitro-2-methylphenol	56	52	30 - 135	8	30		
2,4-Dinitrophenol	40	38	15 - 130	6	30	J	J
2,4-Dinitrotoluene	71	76	50 - 115	6	30		
2,6-Dinitrotoluene	73	75	50 - 110	2	30		
Di-n-octyl phthalate	74	75	40 - 130	1	30		
Fluoranthene	73	74	55 - 115	1	30		
Fluorene	66	71	50 - 110	6	30		
Hexachlorobenzene	69	72	45 - 120	4	30		
Hexachlorobutadiene	54	55	40 - 115	1	30		
Hexachloroethane	47	45	35 - 110	5	30		
Indeno[1,2,3-cd]pyrene	60	55	40 - 120	7	30		
Isophorone	65	66	45 - 110	2	30		
2-Methylnaphthalene	63	65	45 - 105	2	30		
2-Methylphenol	66	63	40 - 105	5	30		
3 & 4 Methylphenol	71	66	40 - 105	7	30		
Naphthalene	56	59	40 - 105	3	30		
2-Nitroaniline	73	80	45 - 120	8	30		
3-Nitroaniline	28	34	25 - 110	19	30	J	
4-Nitroaniline	32	33	35 - 115	3	30	J	J
Nitrobenzene	57	60	40 - 115	5	30		
2-Nitrophenol	62	65	40 - 110	4	30		
4-Nitrophenol	71	78	15 - 140	8	30		
N-Nitrosodi-n-propylamine	63	61	40 - 115	4	30		
N-Nitrosodiphenylamine	74	74	50 - 115	1	30		
Pentachlorophenol	69	70	25 - 120	0	30		
Phenanthrene	67	70	50 - 110	3	30		
Phenol	69	65	40 - 100	7	30		
Pyrene	64	67	45 - 125	3	30		
1,2,4-Trichlorobenzene	53	56	45 - 110	5	30		
2,4,5-Trichlorophenol	70	76	50 - 110	7	30		
2,4,6-Trichlorophenol	71	76	45 - 110	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	59	60	45 - 105
2-Fluorophenol (Surr)	61	60	35 - 105
Nitrobenzene-d5 (Surr)	57	58	35 - 100
Terphenyl-d14 (Surr)	69	71	30 - 125
2,4,6-Tribromophenol (Surr)	73	76	35 - 125
Phenol-d5 (Surr)	66	64	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-9	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126010.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.78 g
Analysis Date:	11/26/2012 1335			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17422-9	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126011.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.76 g
Analysis Date:	11/26/2012 1358			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	71	72	45 - 110	3	30		
Acenaphthylene	70	70	45 - 105	1	30		
Anthracene	73	73	55 - 105	0	30		
Benzo[a]anthracene	69	74	50 - 110	6	30		
Benzo[a]pyrene	58	62	50 - 110	5	30		
Benzo[b]fluoranthene	67	72	45 - 115	6	30		
Benzo[g,h,i]perylene	47	54	40 - 125	15	30		
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	69	74	45 - 125	6	30		
Benzyl alcohol	73	71	20 - 125	3	30		
Bis(2-chloroethoxy)methane	69	67	45 - 110	3	30		
Bis(2-chloroethyl)ether	68	64	40 - 105	6	30		
bis (2-chloroisopropyl) ether	68	64	20 - 115	6	30		
Bis(2-ethylhexyl) phthalate	69	75	45 - 125	7	30		
4-Bromophenyl phenyl ether	75	76	45 - 115	1	30		
Butyl benzyl phthalate	73	77	50 - 125	6	30		
Carbazole	71	73	45 - 115	2	30		
4-Chloroaniline	9	21	10 - 95	74	30	J	J
4-Chloro-3-methylphenol	80	80	45 - 115	0	30		
2-Chloronaphthalene	68	68	45 - 105	0	30		
2-Chlorophenol	70	67	45 - 105	4	30		
4-Chlorophenyl phenyl ether	72	74	45 - 110	3	30		
Chrysene	71	76	55 - 110	7	30		
Dibenz(a,h)anthracene	49	55	40 - 125	12	30		
Dibenzofuran	71	71	50 - 105	0	30		
1,4-Dichlorobenzene	68	63	35 - 105	7	30		
1,2-Dichlorobenzene	65	60	45 - 95	7	30		
1,3-Dichlorobenzene	63	57	40 - 100	9	30		
3,3'-Dichlorobenzidine	0	0	10 - 130	NC	30	U J	U J
2,4-Dichlorophenol	76	75	45 - 110	1	30		
Diethyl phthalate	75	77	50 - 115	2	30		
2,4-Dimethylphenol	66	65	30 - 105	1	30		
Dimethyl phthalate	75	76	50 - 110	2	30		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-9	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126010.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.78 g
Analysis Date:	11/26/2012 1335			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17422-9	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65764	Lab File ID:	21126011.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.76 g
Analysis Date:	11/26/2012 1358			Final Weight/Volume:	2 mL
Prep Date:	11/20/2012 1132			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	78	79	55 - 110	1	30		
4,6-Dinitro-2-methylphenol	56	43	30 - 135	26	30		
2,4-Dinitrophenol	54	45	15 - 130	18	30		J
2,4-Dinitrotoluene	76	77	50 - 115	1	30		
2,6-Dinitrotoluene	75	77	50 - 110	3	30		
Di-n-octyl phthalate	79	83	40 - 130	4	30		
Fluoranthene	75	76	55 - 115	0	30		
Fluorene	72	73	50 - 110	1	30		
Hexachlorobenzene	73	75	45 - 120	3	30		
Hexachlorobutadiene	65	63	40 - 115	3	30		
Hexachloroethane	41	32	35 - 110	25	30		J
Indeno[1,2,3-cd]pyrene	48	55	40 - 120	12	30		
Isophorone	76	75	45 - 110	2	30		
2-Methylnaphthalene	71	70	45 - 105	1	30		
2-Methylphenol	71	71	40 - 105	1	30		
3 & 4 Methylphenol	74	72	40 - 105	3	30		
Naphthalene	69	67	40 - 105	3	30		
2-Nitroaniline	77	84	45 - 120	8	30		
3-Nitroaniline	9	17	25 - 110	64	30	J	J
4-Nitroaniline	21	23	35 - 115	10	30	J	J
Nitrobenzene	68	67	40 - 115	2	30		
2-Nitrophenol	75	73	40 - 110	3	30		
4-Nitrophenol	75	78	15 - 140	5	30		
N-Nitrosodi-n-propylamine	75	71	40 - 115	6	30		
N-Nitrosodiphenylamine	71	73	50 - 115	4	30		
Pentachlorophenol	75	68	25 - 120	10	30		
Phenanthrene	71	72	50 - 110	2	30		
Phenol	75	74	40 - 100	1	30		
Pyrene	64	69	45 - 125	7	30		
1,2,4-Trichlorobenzene	65	63	45 - 110	4	30		
2,4,5-Trichlorophenol	76	80	50 - 110	5	30		
2,4,6-Trichlorophenol	76	79	45 - 110	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	65	66	45 - 105
2-Fluorophenol (Surr)	73	68	35 - 105
Nitrobenzene-d5 (Surr)	69	70	35 - 100
Terphenyl-d14 (Surr)	69	76	30 - 125
2,4,6-Tribromophenol (Surr)	78	79	35 - 125
Phenol-d5 (Surr)	74	72	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/26/2012 1226			Analysis Date:	11/26/2012 1249
Prep Date:	11/20/2012 1132			Prep Date:	11/20/2012 1132
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.3	U	660	656	428		449	
Acenaphthylene	6.6	J	660	656	438		455	
Anthracene	16		660	656	474		489	
Benzo[a]anthracene	57		660	656	503		527	
Benzo[a]pyrene	65		660	656	464		460	
Benzo[b]fluoranthene	110		660	656	553		544	
Benzo[g,h,i]perylene	47		660	656	444		415	
Benzoic acid	340	U	660	656	330	U	330	U
Benzo[k]fluoranthene	29		660	656	490		488	
Benzyl alcohol	27	U	660	656	445		434	
Bis(2-chloroethoxy)methane	27	U	660	656	387		387	
Bis(2-chloroethyl)ether	3.3	U	660	656	382		362	
bis (2-chloroisopropyl) ether	27	U	660	656	381		370	
Bis(2-ethylhexyl) phthalate	34	J	660	656	491		496	
4-Bromophenyl phenyl ether	27	U	660	656	474		490	
Butyl benzyl phthalate	27	U	660	656	469		484	
Carbazole	27	U	660	656	456		440	
4-Chloroaniline	27	U	660	656	160		173	
4-Chloro-3-methylphenol	27	U	660	656	494		499	
2-Chloronaphthalene	3.3	U	660	656	407		425	
2-Chlorophenol	27	U	660	656	393		396	
4-Chlorophenyl phenyl ether	27	U	660	656	453		458	
Chrysene	71		660	656	538		557	
Dibenz(a,h)anthracene	3.3	U	660	656	412		385	
Dibenzofuran	15	J	660	656	434		459	
1,4-Dichlorobenzene	27	U	660	656	376		369	
1,2-Dichlorobenzene	27	U	660	656	353		343	
1,3-Dichlorobenzene	27	U	660	656	335		342	
3,3'-Dichlorobenzidine	81	U	660	656	79	U J	79	U J
2,4-Dichlorophenol	27	U	660	656	463		467	
Diethyl phthalate	27	U	660	656	468		502	
2,4-Dimethylphenol	81	U	660	656	414		417	
Dimethyl phthalate	27	U	660	656	463		481	
Di-n-butyl phthalate	27	U	660	656	509		512	
4,6-Dinitro-2-methylphenol	81	U	660	656	370		341	
2,4-Dinitrophenol	81	U	660	656	263	J	247	J
2,4-Dinitrotoluene	27	U	660	656	470		500	
2,6-Dinitrotoluene	27	U	660	656	483		490	
Di-n-octyl phthalate	27	U	660	656	491		495	
Fluoranthene	120		660	656	596		605	
Fluorene	8.5		660	656	443		471	
Hexachlorobenzene	3.3	U	660	656	454		470	
Hexachlorobutadiene	27	U	660	656	354		358	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/26/2012 1226		
Prep Date:	11/20/2012 1132		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/26/2012 1249
Prep Date:	11/20/2012 1132
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	27	U	660	656	307		293	
Indeno[1,2,3-cd]pyrene	46		660	656	440		409	
Isophorone	27	U	660	656	426		435	
2-Methylnaphthalene	62		660	656	479		487	
2-Methylphenol	81	U	660	656	434		412	
3 & 4 Methylphenol	81	U	1320	1310	931		864	
Naphthalene	49		660	656	422		435	
2-Nitroaniline	27	U	660	656	480		522	
3-Nitroaniline	81	U	660	656	183	J	221	
4-Nitroaniline	27	U	660	656	211	J	218	J
Nitrobenzene	3.3	U	660	656	377		395	
2-Nitrophenol	27	U	660	656	410		428	
4-Nitrophenol	81	U	660	656	471		510	
N-Nitrosodi-n-propylamine	27	U	660	656	414		397	
N-Nitrosodiphenylamine	27	U	660	656	487		484	
Pentachlorophenol	81	U	660	656	457		458	
Phenanthrene	71		660	656	515		533	
Phenol	27	U	660	656	458		428	
Pyrene	88		660	656	509		526	
1,2,4-Trichlorobenzene	27	U	660	656	348		367	
2,4,5-Trichlorophenol	27	U	660	656	464		499	
2,4,6-Trichlorophenol	81	U	660	656	466		497	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-9	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-9
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/26/2012 1335			Analysis Date:	11/26/2012 1358
Prep Date:	11/20/2012 1132			Prep Date:	11/20/2012 1132
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.3	U	672	672	474		487	
Acenaphthylene	3.3	U	672	672	467		471	
Anthracene	3.3	J	672	672	492		495	
Benzo[a]anthracene	16		672	672	480		511	
Benzo[a]pyrene	26		672	672	417		440	
Benzo[b]fluoranthene	46		672	672	498		531	
Benzo[g,h,i]perylene	16		672	672	329		381	
Benzoic acid	330	U	672	672	340	U	340	U
Benzo[k]fluoranthene	12		672	672	477		507	
Benzyl alcohol	27	U	672	672	492		477	
Bis(2-chloroethoxy)methane	27	U	672	672	462		450	
Bis(2-chloroethyl)ether	3.3	U	672	672	460		432	
bis (2-chloroisopropyl) ether	27	U	672	672	456		429	
Bis(2-ethylhexyl) phthalate	38	J	672	672	502		541	
4-Bromophenyl phenyl ether	27	U	672	672	507		513	
Butyl benzyl phthalate	27	U	672	672	489		517	
Carbazole	27	U	672	672	479		488	
4-Chloroaniline	27	U	672	672	63.4	J	138	J
4-Chloro-3-methylphenol	27	U	672	672	535		535	
2-Chloronaphthalene	3.3	U	672	672	458		460	
2-Chlorophenol	27	U	672	672	472		452	
4-Chlorophenyl phenyl ether	27	U	672	672	485		498	
Chrysene	28		672	672	504		542	
Dibenz(a,h)anthracene	3.3	U	672	672	330		373	
Dibenzofuran	3.3	U	672	672	476		477	
1,4-Dichlorobenzene	27	U	672	672	456		423	
1,2-Dichlorobenzene	27	U	672	672	435		404	
1,3-Dichlorobenzene	27	U	672	672	422		385	
3,3'-Dichlorobenzidine	79	U	672	672	81	U J	81	U J
2,4-Dichlorophenol	27	U	672	672	509		507	
Diethyl phthalate	27	U	672	672	506		518	
2,4-Dimethylphenol	79	U	672	672	440		435	
Dimethyl phthalate	27	U	672	672	504		514	
Di-n-butyl phthalate	27	U	672	672	527		531	
4,6-Dinitro-2-methylphenol	79	U	672	672	375		289	
2,4-Dinitrophenol	79	U	672	672	361		302	J
2,4-Dinitrotoluene	27	U	672	672	511		515	
2,6-Dinitrotoluene	27	U	672	672	501		517	
Di-n-octyl phthalate	27	U	672	672	532		555	
Fluoranthene	38		672	672	544		546	
Fluorene	3.3	U	672	672	484		488	
Hexachlorobenzene	3.3	U	672	672	493		507	
Hexachlorobutadiene	27	U	672	672	436		425	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65764

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17422-9	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-9
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/26/2012 1335			Analysis Date:	11/26/2012 1358
Prep Date:	11/20/2012 1132			Prep Date:	11/20/2012 1132
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	27	U	672	672	273		213	J
Indeno[1,2,3-cd]pyrene	17		672	672	343		385	
Isophorone	27	U	672	672	513		504	
2-Methylnaphthalene	13		672	672	488		484	
2-Methylphenol	79	U	672	672	480		476	
3 & 4 Methylphenol	79	U	1340	1340	992		966	
Naphthalene	11		672	672	472		460	
2-Nitroaniline	27	U	672	672	520		564	
3-Nitroaniline	79	U	672	672	58.6	J	114	J
4-Nitroaniline	27	U	672	672	142	J	157	J
Nitrobenzene	3.3	U	672	672	459		450	
2-Nitrophenol	27	U	672	672	505		488	
4-Nitrophenol	79	U	672	672	501		527	
N-Nitrosodi-n-propylamine	27	U	672	672	505		476	
N-Nitrosodiphenylamine	27	U	672	672	475		493	
Pentachlorophenol	79	U	672	672	504		455	
Phenanthrene	22		672	672	499		506	
Phenol	27	U	672	672	504		497	
Pyrene	28		672	672	458		490	
1,2,4-Trichlorobenzene	27	U	672	672	439		420	
2,4,5-Trichlorophenol	27	U	672	672	511		537	
2,4,6-Trichlorophenol	79	U	672	672	509		530	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/3	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1018	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.94	99	70 - 130	
Acenaphthylene	5.00	4.93	99	70 - 130	
Anthracene	5.00	5.01	100	70 - 130	
Benzo[a]anthracene	5.00	5.01	100	70 - 130	
Benzo[a]pyrene	5.00	5.16	103	70 - 130	
Benzo[b]fluoranthene	5.00	5.03	101	70 - 130	
Benzo[g,h,i]perylene	5.00	5.40	108	70 - 130	
Benzoic acid	10.0	8.86	89	70 - 130	
Benzo[k]fluoranthene	5.00	5.30	106	70 - 130	
Benzyl alcohol	5.00	4.88	98	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.01	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.91	98	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.19	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.06	101	70 - 130	
Butyl benzyl phthalate	5.00	5.09	102	70 - 130	
Carbazole	5.00	4.97	99	70 - 130	
4-Chloro-3-methylphenol	5.00	5.07	101	70 - 130	
2-Chloronaphthalene	5.00	4.85	97	70 - 130	
2-Chlorophenol	5.00	4.82	96	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70 - 130	
Chrysene	5.00	4.95	99	70 - 130	
Dibenz(a,h)anthracene	5.00	4.89	98	70 - 130	
Dibenzofuran	5.00	4.80	96	70 - 130	
1,4-Dichlorobenzene	5.00	4.91	98	70 - 130	
1,2-Dichlorobenzene	5.00	4.84	97	70 - 130	
1,3-Dichlorobenzene	5.00	4.81	96	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.12	102	70 - 130	
2,4-Dichlorophenol	5.00	5.14	103	70 - 130	
Diethyl phthalate	5.00	4.91	98	70 - 130	
2,4-Dimethylphenol	5.00	5.19	104	70 - 130	
Dimethyl phthalate	5.00	4.95	99	70 - 130	
Di-n-butyl phthalate	5.00	5.20	104	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.07	101	70 - 130	
2,4-Dinitrophenol	10.0	9.52	95	70 - 130	
2,4-Dinitrotoluene	5.00	5.07	101	70 - 130	
2,6-Dinitrotoluene	5.00	5.13	103	70 - 130	
Di-n-octyl phthalate	5.00	5.20	104	70 - 130	
Fluoranthene	5.00	5.14	103	70 - 130	
Fluorene	5.00	4.96	99	70 - 130	
Hexachlorobenzene	5.00	5.13	103	70 - 130	
Hexachlorobutadiene	5.00	4.91	98	70 - 130	
Hexachloroethane	5.00	4.93	99	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70 - 130	
Isophorone	5.00	5.11	102	70 - 130	
2-Methylnaphthalene	5.00	4.96	99	70 - 130	
2-Methylphenol	5.00	4.98	100	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/3	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1018	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	4.90	98	70 - 130	
Naphthalene	5.00	4.87	97	70 - 130	
2-Nitroaniline	5.00	5.46	109	70 - 130	
3-Nitroaniline	5.00	5.23	105	70 - 130	
4-Nitroaniline	5.00	5.06	101	70 - 130	
Nitrobenzene	5.00	5.19	104	70 - 130	
2-Nitrophenol	5.00	5.38	108	70 - 130	
4-Nitrophenol	5.00	5.22	104	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70 - 130	
N-Nitrosodiphenylamine	5.00	5.01	100	70 - 130	
Pentachlorophenol	10.0	9.75	98	70 - 130	
Phenanthrene	5.00	4.95	99	70 - 130	
Phenol	5.00	4.88	98	70 - 130	
Pyrene	5.00	4.97	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.00	100	70 - 130	
2,4,5-Trichlorophenol	5.00	5.12	102	70 - 130	
2,4,6-Trichlorophenol	5.00	5.24	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	97		50 - 150
2-Fluorophenol (Surr)	100		50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	101		50 - 150
2,4,6-Tribromophenol (Surr)	106		50 - 150
Phenol-d5 (Surr)	97		50 - 150

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/13	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1435	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.03	101	70 - 130	
Acenaphthylene	5.00	5.02	100	70 - 130	
Anthracene	5.00	5.00	100	70 - 130	
Benzo[a]anthracene	5.00	5.21	104	70 - 130	
Benzo[a]pyrene	5.00	5.05	101	70 - 130	
Benzo[b]fluoranthene	5.00	5.31	106	70 - 130	
Benzo[g,h,i]perylene	5.00	4.59	92	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/13	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1435	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	10.3	103	70 - 130	
Benzo[k]fluoranthene	5.00	4.90	98	70 - 130	
Benzyl alcohol	5.00	5.10	102	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.99	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.03	101	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.36	107	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.01	100	70 - 130	
Butyl benzyl phthalate	5.00	5.37	107	70 - 130	
Carbazole	5.00	4.91	98	70 - 130	
4-Chloro-3-methylphenol	5.00	5.40	108	70 - 130	
2-Chloronaphthalene	5.00	4.97	99	70 - 130	
2-Chlorophenol	5.00	5.12	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.14	103	70 - 130	
Chrysene	5.00	5.08	102	70 - 130	
Dibenz(a,h)anthracene	5.00	4.66	93	70 - 130	
Dibenzofuran	5.00	4.99	100	70 - 130	
1,4-Dichlorobenzene	5.00	5.00	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.07	101	70 - 130	
1,3-Dichlorobenzene	5.00	4.94	99	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70 - 130	
2,4-Dichlorophenol	5.00	5.12	102	70 - 130	
Diethyl phthalate	5.00	5.22	104	70 - 130	
2,4-Dimethylphenol	5.00	5.12	102	70 - 130	
Dimethyl phthalate	5.00	5.19	104	70 - 130	
Di-n-butyl phthalate	5.00	5.14	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.24	85	70 - 130	
2,4-Dinitrophenol	10.0	8.11	81	70 - 130	
2,4-Dinitrotoluene	5.00	5.46	109	70 - 130	
2,6-Dinitrotoluene	5.00	5.33	107	70 - 130	
Di-n-octyl phthalate	5.00	5.40	108	70 - 130	
Fluoranthene	5.00	5.10	102	70 - 130	
Fluorene	5.00	5.04	101	70 - 130	
Hexachlorobenzene	5.00	4.97	99	70 - 130	
Hexachlorobutadiene	5.00	5.08	102	70 - 130	
Hexachloroethane	5.00	4.90	98	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.66	93	70 - 130	
Isophorone	5.00	5.36	107	70 - 130	
2-Methylnaphthalene	5.00	4.90	98	70 - 130	
2-Methylphenol	5.00	5.08	102	70 - 130	
3 & 4 Methylphenol	5.00	5.17	103	70 - 130	
Naphthalene	5.00	5.01	100	70 - 130	
2-Nitroaniline	5.00	5.54	111	70 - 130	
3-Nitroaniline	5.00	5.54	111	70 - 130	
4-Nitroaniline	5.00	5.47	109	70 - 130	
Nitrobenzene	5.00	5.23	105	70 - 130	
2-Nitrophenol	5.00	5.43	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/13	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1435	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	5.32	106	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.43	109	70 - 130	
N-Nitrosodiphenylamine	5.00	4.89	98	70 - 130	
Pentachlorophenol	10.0	9.97	100	70 - 130	
Phenanthrene	5.00	4.72	94	70 - 130	
Phenol	5.00	5.28	106	70 - 130	
Pyrene	5.00	4.96	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.26	105	70 - 130	
2,4,5-Trichlorophenol	5.00	5.55	111	70 - 130	
2,4,6-Trichlorophenol	5.00	5.55	111	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	99		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	107	Q	50 - 150
Terphenyl-d14 (Surr)	101		50 - 150
2,4,6-Tribromophenol (Surr)	113		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66246 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66246/3	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21126003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/26/2012 1053	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.04	101	70 - 130	
Acenaphthylene	5.00	4.94	99	70 - 130	
Anthracene	5.00	5.03	101	70 - 130	
Benzo[a]anthracene	5.00	5.09	102	70 - 130	
Benzo[a]pyrene	5.00	5.08	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.13	103	70 - 130	
Benzo[g,h,i]perylene	5.00	5.51	110	70 - 130	
Benzoic acid	10.0	9.15	92	70 - 130	
Benzo[k]fluoranthene	5.00	5.49	110	70 - 130	
Benzyl alcohol	5.00	5.15	103	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.14	103	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.16	103	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.27	105	70 - 130	
Butyl benzyl phthalate	5.00	5.11	102	70 - 130	
Carbazole	5.00	5.12	102	70 - 130	
4-Chloro-3-methylphenol	5.00	5.13	103	70 - 130	
2-Chloronaphthalene	5.00	4.85	97	70 - 130	
2-Chlorophenol	5.00	5.11	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.10	102	70 - 130	
Chrysene	5.00	5.02	100	70 - 130	
Dibenz(a,h)anthracene	5.00	4.99	100	70 - 130	
Dibenzofuran	5.00	4.90	98	70 - 130	
1,4-Dichlorobenzene	5.00	5.11	102	70 - 130	
1,2-Dichlorobenzene	5.00	5.09	102	70 - 130	
1,3-Dichlorobenzene	5.00	5.17	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.04	101	70 - 130	
2,4-Dichlorophenol	5.00	5.22	104	70 - 130	
Diethyl phthalate	5.00	5.07	101	70 - 130	
2,4-Dimethylphenol	5.00	5.22	104	70 - 130	
Dimethyl phthalate	5.00	5.05	101	70 - 130	
Di-n-butyl phthalate	5.00	5.12	102	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.08	102	70 - 130	
2,4-Dinitrophenol	10.0	10.1	101	70 - 130	
2,4-Dinitrotoluene	5.00	5.18	104	70 - 130	
2,6-Dinitrotoluene	5.00	4.98	100	70 - 130	
Di-n-octyl phthalate	5.00	4.99	100	70 - 130	
Fluoranthene	5.00	5.19	104	70 - 130	
Fluorene	5.00	4.95	99	70 - 130	
Hexachlorobenzene	5.00	5.12	102	70 - 130	
Hexachlorobutadiene	5.00	5.14	103	70 - 130	
Hexachloroethane	5.00	5.07	101	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.15	103	70 - 130	
Isophorone	5.00	5.17	103	70 - 130	
2-Methylnaphthalene	5.00	5.02	100	70 - 130	
2-Methylphenol	5.00	5.17	103	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66246 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66246/3	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21126003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/26/2012 1053	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.01	100	70 - 130	
Naphthalene	5.00	5.07	101	70 - 130	
2-Nitroaniline	5.00	5.35	107	70 - 130	
3-Nitroaniline	5.00	5.39	108	70 - 130	
4-Nitroaniline	5.00	5.01	100	70 - 130	
Nitrobenzene	5.00	5.43	109	70 - 130	
2-Nitrophenol	5.00	5.30	106	70 - 130	
4-Nitrophenol	5.00	5.03	101	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.18	104	70 - 130	
N-Nitrosodiphenylamine	5.00	5.04	101	70 - 130	
Pentachlorophenol	10.0	10.1	101	70 - 130	
Phenanthrene	5.00	4.88	98	70 - 130	
Phenol	5.00	5.18	104	70 - 130	
Pyrene	5.00	4.96	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.18	104	70 - 130	
2,4,5-Trichlorophenol	5.00	5.44	109	70 - 130	
2,4,6-Trichlorophenol	5.00	5.23	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	100		50 - 150
2-Fluorophenol (Surr)	101		50 - 150
Nitrobenzene-d5 (Surr)	108	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	107		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150

Method Reporting Limit Check - Batch: 240-66246 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66246/17	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21126017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/26/2012 1705	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.09	102	70 - 130	
Acenaphthylene	5.00	5.09	102	70 - 130	
Anthracene	5.00	5.19	104	70 - 130	
Benzo[a]anthracene	5.00	5.26	105	70 - 130	
Benzo[a]pyrene	5.00	5.12	102	70 - 130	
Benzo[b]fluoranthene	5.00	6.08	122	70 - 130	
Benzo[g,h,i]perylene	5.00	2.92	58	70 - 130	^

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66246 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66246/17	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21126017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/26/2012 1705	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	10.1	101	70 - 130	
Benzo[k]fluoranthene	5.00	5.66	113	70 - 130	
Benzyl alcohol	5.00	5.35	107	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.06	101	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.16	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.35	107	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.21	104	70 - 130	
Butyl benzyl phthalate	5.00	5.38	108	70 - 130	
Carbazole	5.00	5.16	103	70 - 130	
4-Chloro-3-methylphenol	5.00	5.53	111	70 - 130	
2-Chloronaphthalene	5.00	4.98	100	70 - 130	
2-Chlorophenol	5.00	5.24	105	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.30	106	70 - 130	
Chrysene	5.00	5.00	100	70 - 130	
Dibenz(a,h)anthracene	5.00	3.26	65	70 - 130	^
Dibenzofuran	5.00	5.06	101	70 - 130	
1,4-Dichlorobenzene	5.00	5.09	102	70 - 130	
1,2-Dichlorobenzene	5.00	5.15	103	70 - 130	
1,3-Dichlorobenzene	5.00	5.11	102	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70 - 130	
2,4-Dichlorophenol	5.00	5.35	107	70 - 130	
Diethyl phthalate	5.00	5.23	105	70 - 130	
2,4-Dimethylphenol	5.00	5.47	109	70 - 130	
Dimethyl phthalate	5.00	5.26	105	70 - 130	
Di-n-butyl phthalate	5.00	5.29	106	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	3.59	72	70 - 130	
2,4-Dinitrophenol	10.0	6.79	68	70 - 130	^
2,4-Dinitrotoluene	5.00	5.64	113	70 - 130	
2,6-Dinitrotoluene	5.00	5.50	110	70 - 130	
Di-n-octyl phthalate	5.00	7.54	151	70 - 130	^
Fluoranthene	5.00	5.25	105	70 - 130	
Fluorene	5.00	5.17	103	70 - 130	
Hexachlorobenzene	5.00	5.18	104	70 - 130	
Hexachlorobutadiene	5.00	5.02	100	70 - 130	
Hexachloroethane	5.00	3.63	73	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	3.28	66	70 - 130	^
Isophorone	5.00	5.43	109	70 - 130	
2-Methylnaphthalene	5.00	5.18	104	70 - 130	
2-Methylphenol	5.00	5.37	107	70 - 130	
3 & 4 Methylphenol	5.00	5.20	104	70 - 130	
Naphthalene	5.00	5.15	103	70 - 130	
2-Nitroaniline	5.00	5.74	115	70 - 130	
3-Nitroaniline	5.00	5.72	114	70 - 130	
4-Nitroaniline	5.00	5.32	106	70 - 130	
Nitrobenzene	5.00	5.29	106	70 - 130	
2-Nitrophenol	5.00	5.70	114	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66246

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66246/17	Analysis Batch:	240-66246	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21126017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/26/2012 1705	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	5.14	103	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.54	111	70 - 130	
N-Nitrosodiphenylamine	5.00	5.06	101	70 - 130	
Pentachlorophenol	10.0	9.94	99	70 - 130	
Phenanthrene	5.00	4.96	99	70 - 130	
Phenol	5.00	5.36	107	70 - 130	
Pyrene	5.00	5.05	101	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.10	102	70 - 130	
2,4,5-Trichlorophenol	5.00	5.48	110	70 - 130	
2,4,6-Trichlorophenol	5.00	5.47	109	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	100		50 - 150
2-Fluorophenol (Surr)	104		50 - 150
Nitrobenzene-d5 (Surr)	108	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	112		50 - 150
Phenol-d5 (Surr)	107	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65501

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-65501/9-A	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65501	Lab File ID:	P9112728.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/28/2012 1412	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1123			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
4,4'-DDD	0.67	U	0.62	2.0
4,4'-DDE	0.67	U	0.39	1.7
4,4'-DDT	0.67	U	0.63	2.0
Aldrin	1.3	U	1.2	4.0
alpha-BHC	1.3	U	0.73	2.5
alpha-Chlordane	1.3	U	0.94	3.0
beta-BHC	1.3	U	1.1	3.5
delta-BHC	1.3	U	1.2	4.0
Dieldrin	0.67	U	0.47	1.7
Endosulfan I	0.67	U	0.52	1.7
Endosulfan II	1.3	U	0.82	2.5
Endosulfan sulfate	1.3	U	0.87	3.0
Endrin	0.67	U	0.50	1.7
Endrin aldehyde	1.3	U	1.0	3.0
Endrin ketone	0.67	U	0.63	2.0
gamma-BHC (Lindane)	1.3	U	0.74	2.5
gamma-Chlordane	0.67	U	0.42	1.7
Heptachlor	1.3	U	1.1	3.5
Heptachlor epoxide	1.3	U	0.80	2.5
Methoxychlor	3.3	U	1.5	5.0
Toxaphene	20	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	55 - 130
Tetrachloro-m-xylene	76	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	93	55 - 130
Tetrachloro-m-xylene	75	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65501

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-65501/10-A	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65501	Lab File ID:	P9112719.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/28/2012 1005	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1123			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	33.3	30.4	91	30 - 135	
4,4'-DDE	33.3	29.1	87	70 - 125	
4,4'-DDT	33.3	36.7	110	45 - 140	
Aldrin	33.3	29.1	87	45 - 140	
alpha-BHC	33.3	29.4	88	60 - 125	
alpha-Chlordane	33.3	28.7	86	65 - 120	
beta-BHC	33.3	28.6	86	60 - 125	
delta-BHC	33.3	34.0	102	55 - 130	
Dieldrin	33.3	30.3	91	65 - 125	
Endosulfan I	33.3	21.6	65	15 - 135	
Endosulfan II	33.3	24.6	74	35 - 140	
Endosulfan sulfate	33.3	34.3	103	60 - 135	
Endrin	33.3	28.9	87	60 - 135	
Endrin aldehyde	33.3	31.8	95	35 - 145	
Endrin ketone	33.3	30.8	93	65 - 135	
gamma-BHC (Lindane)	33.3	27.5	82	60 - 125	
gamma-Chlordane	33.3	27.6	83	65 - 125	
Heptachlor	33.3	25.0	75	50 - 140	
Heptachlor epoxide	33.3	29.3	88	65 - 130	M
Methoxychlor	33.3	34.0	102	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	55 - 130
Tetrachloro-m-xylene	87	70 - 125

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	90	M	55 - 130
Tetrachloro-m-xylene	83		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65501

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65501	Lab File ID:	P9112721.D
Dilution:	5.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.77 g
Analysis Date:	11/28/2012 1100			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1123			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65501	Lab File ID:	P9112722.D
Dilution:	5.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.68 g
Analysis Date:	11/28/2012 1128			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1123			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	105	91	30 - 135	14	30	D	D
4,4'-DDE	92	89	70 - 125	4	30	D	D
4,4'-DDT	114	98	45 - 140	15	30	D	D
Aldrin	99	95	45 - 140	4	30	D	D
alpha-BHC	93	90	60 - 125	2	30	D	D
alpha-Chlordane	95	86	65 - 120	9	30	D	D
beta-BHC	100	92	60 - 125	7	30	D	D
delta-BHC	113	105	55 - 130	7	30	D	D
Dieldrin	94	89	65 - 125	5	30	D	D
Endosulfan I	73	66	15 - 135	10	30	D	D
Endosulfan II	87	78	35 - 140	11	30	D	D
Endosulfan sulfate	110	97	60 - 135	12	30	D	D
Endrin	94	82	60 - 135	14	30	D	D
Endrin aldehyde	104	90	35 - 145	14	30	D	D
Endrin ketone	93	86	65 - 135	8	30	D	D
gamma-BHC (Lindane)	95	86	60 - 125	9	30	D	D
gamma-Chlordane	94	85	65 - 125	10	30	D	D
Heptachlor	88	71	50 - 140	21	30	D	D
Heptachlor epoxide	108	102	65 - 130	5	30	D	D
Methoxychlor	96	112	55 - 145	15	30	D	D

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	99	88	55 - 130
Tetrachloro-m-xylene	94	102	70 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	91	55 - 130
Tetrachloro-m-xylene	106	106	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65501

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65501	Lab File ID:	P9112726.D
Dilution:	20	Leach Batch:	240-65056	Initial Weight/Volume:	30.20 g
Analysis Date:	11/28/2012 1316			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1123			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65501	Lab File ID:	P9112727.D
Dilution:	20	Leach Batch:	240-65056	Initial Weight/Volume:	29.81 g
Analysis Date:	11/28/2012 1344			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1123			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	100	104	30 - 135	5	30	J D	J D
4,4'-DDE	104	110	70 - 125	7	30	D	D
4,4'-DDT	103	107	45 - 140	5	30	J D	J D
Aldrin	105	107	45 - 140	3	30	J D	J D
alpha-BHC	92	98	60 - 125	8	30	J D	J D
alpha-Chlordane	97	102	65 - 120	6	30	J D	J D
beta-BHC	-139	-123	60 - 125	5	30	4 D	4 D
delta-BHC	105	112	55 - 130	8	30	J D	J D
Dieldrin	98	105	65 - 125	9	30	J D	D
Endosulfan I	75	80	15 - 135	9	30	J D	J D
Endosulfan II	84	87	35 - 140	5	30	J D	J D
Endosulfan sulfate	107	116	60 - 135	10	30	J D	J D
Endrin	93	100	60 - 135	9	30	J D	J D
Endrin aldehyde	100	109	35 - 145	10	30	J D	J D
Endrin ketone	96	100	65 - 135	5	30	J D	J D
gamma-BHC (Lindane)	102	108	60 - 125	6	30	J D	J D
gamma-Chlordane	100	111	65 - 125	11	30	J D	D
Heptachlor	106	109	50 - 140	4	30	J D	J D
Heptachlor epoxide	112	113	65 - 130	3	30	J D	J D
Methoxychlor	131	131	55 - 145	1	30	J D	J D

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	148	Q	147	Q	55 - 130
Tetrachloro-m-xylene	96		108		70 - 125

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	135	Q	161	Q	55 - 130
Tetrachloro-m-xylene	115		120		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65501

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Units:	ug/Kg	MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	11/28/2012 1100			Analysis Date:	11/28/2012 1128
Prep Date:	11/18/2012 1123			Prep Date:	11/18/2012 1123
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4,4'-DDD	3.4	U	33.6	33.7	35.2	D	30.6	D
4,4'-DDE	3.4	U	33.6	33.7	31.0	D	29.9	D
4,4'-DDT	3.4	U	33.6	33.7	38.4	D	33.0	D
Aldrin	6.7	U	33.6	33.7	33.1	D	31.9	D
alpha-BHC	6.7	U	33.6	33.7	31.2	D	30.4	D
alpha-Chlordane	6.7	U	33.6	33.7	31.8	D	28.9	D
beta-BHC	6.7	U	33.6	33.7	33.5	D	31.2	D
delta-BHC	6.7	U	33.6	33.7	38.0	D	35.4	D
Dieldrin	3.4	U	33.6	33.7	31.5	D	29.8	D
Endosulfan I	3.4	U	33.6	33.7	24.6	D	22.2	D
Endosulfan II	6.7	U	33.6	33.7	29.3	D	26.3	D
Endosulfan sulfate	6.7	U	33.6	33.7	36.8	D	32.6	D
Endrin	3.4	U	33.6	33.7	31.5	D	27.5	D
Endrin aldehyde	6.7	U	33.6	33.7	35.0	D	30.5	D
Endrin ketone	3.4	U	33.6	33.7	31.3	D	28.9	D
gamma-BHC (Lindane)	6.7	U	33.6	33.7	31.8	D	28.9	D
gamma-Chlordane	3.4	U	33.6	33.7	31.4	D	28.6	D
Heptachlor	6.7	U	33.6	33.7	29.5	D	23.9	D
Heptachlor epoxide	6.7	U	33.6	33.7	36.3	D	34.5	D
Methoxychlor	17	U	33.6	33.7	32.3	D	37.7	D

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65501

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Units: ug/Kg	MSD Lab Sample ID:	240-17422-6	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	20		Dilution:	20	
Analysis Date:	11/28/2012 1316		Analysis Date:	11/28/2012 1344	
Prep Date:	11/18/2012 1123		Prep Date:	11/18/2012 1123	
Leach Date:	11/09/2012 1400		Leach Date:	11/09/2012 1400	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4,4'-DDD	14	U	33.1	33.5	33.1	J D	34.8	J D
4,4'-DDE	14	U	33.1	33.5	34.5	D	37.0	D
4,4'-DDT	14	U	33.1	33.5	34.1	J D	35.8	J D
Aldrin	27	U	33.1	33.5	34.8	J D	36.0	J D
alpha-BHC	27	U	33.1	33.5	30.6	J D	33.0	J D
alpha-Chlordane	27	U	33.1	33.5	32.2	J D	34.1	J D
beta-BHC	140		33.1	33.5	95.4	4 D	100	4 D
delta-BHC	27	U	33.1	33.5	34.7	J D	37.5	J D
Dieldrin	14	U	33.1	33.5	32.4	J D	35.3	D
Endosulfan I	14	U	33.1	33.5	24.8	J D	27.0	J D
Endosulfan II	27	U	33.1	33.5	27.9	J D	29.2	J D
Endosulfan sulfate	27	U	33.1	33.5	35.4	J D	38.9	J D
Endrin	14	U	33.1	33.5	30.7	J D	33.6	J D
Endrin aldehyde	27	U	33.1	33.5	33.1	J D	36.6	J D
Endrin ketone	14	U	33.1	33.5	31.8	J D	33.5	J D
gamma-BHC (Lindane)	27	U	33.1	33.5	33.9	J D	36.2	J D
gamma-Chlordane	14	U	33.1	33.5	33.2	J D	37.2	D
Heptachlor	27	U	33.1	33.5	35.2	J D	36.6	J D
Heptachlor epoxide	27	U	33.1	33.5	37.0	J D	37.9	J D
Methoxychlor	67	U	33.1	33.5	43.5	J D	44.1	J D

Method Reporting Limit Check - Batch: 240-66500 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66500/18	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/28/2012 0937	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00553	111	70 - 130	
4,4'-DDE	0.00500	0.00540	108	70 - 130	
4,4'-DDT	0.00500	0.00525	105	70 - 130	
Aldrin	0.00500	0.00544	109	70 - 130	
alpha-BHC	0.00500	0.00489	98	70 - 130	J
alpha-Chlordane	0.00500	0.00572	114	70 - 130	
beta-BHC	0.00500	0.00600	120	70 - 130	
delta-BHC	0.00500	0.00513	103	70 - 130	
Dieldrin	0.00500	0.00566	113	70 - 130	
Endosulfan I	0.00500	0.00594	119	70 - 130	
Endosulfan II	0.00500	0.00553	111	70 - 130	
Endosulfan sulfate	0.00500	0.00558	112	70 - 130	
Endrin	0.00500	0.00567	113	70 - 130	
Endrin aldehyde	0.00500	0.00590	118	70 - 130	
Endrin ketone	0.00500	0.00556	111	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00534	107	70 - 130	
gamma-Chlordane	0.00500	0.00555	111	70 - 130	
Heptachlor	0.00500	0.00585	117	70 - 130	
Heptachlor epoxide	0.00500	0.00577	115	70 - 130	
Methoxychlor	0.00500	0.00557	111	70 - 130	J

Method Reporting Limit Check - Batch: 240-66500 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66500/18	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/28/2012 0937	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00526	105	70 - 130	
4,4'-DDE	0.00500	0.00524	105	70 - 130	
4,4'-DDT	0.00500	0.00507	101	70 - 130	
Aldrin	0.00500	0.00539	108	70 - 130	
alpha-BHC	0.00500	0.00519	104	70 - 130	
alpha-Chlordane	0.00500	0.00551	110	70 - 130	
beta-BHC	0.00500	0.00573	115	70 - 130	
delta-BHC	0.00500	0.00523	105	70 - 130	
Dieldrin	0.00500	0.00537	107	70 - 130	
Endosulfan I	0.00500	0.00567	113	70 - 130	
Endosulfan II	0.00500	0.00564	113	70 - 130	
Endosulfan sulfate	0.00500	0.00563	113	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66500 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66500/18	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/28/2012 0937	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.00500	0.00563	113	70 - 130	
Endrin aldehyde	0.00500	0.00557	111	70 - 130	
Endrin ketone	0.00500	0.00559	112	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00534	107	70 - 130	
gamma-Chlordane	0.00500	0.00546	109	70 - 130	
Heptachlor	0.00500	0.00566	113	70 - 130	
Heptachlor epoxide	0.00500	0.00561	112	70 - 130	
Methoxychlor	0.00500	0.00551	110	70 - 130	J

Method Reporting Limit Check - Batch: 240-66500 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66500/56	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 0303	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00575	115	70 - 130	
4,4'-DDE	0.00500	0.00593	119	70 - 130	
4,4'-DDT	0.00500	0.00514	103	70 - 130	
Aldrin	0.00500	0.00657	131	70 - 130	^
alpha-BHC	0.00500	0.00591	118	70 - 130	
alpha-Chlordane	0.00500	0.00631	126	70 - 130	
beta-BHC	0.00500	0.00667	133	70 - 130	^
delta-BHC	0.00500	0.00566	113	70 - 130	
Dieldrin	0.00500	0.00606	121	70 - 130	
Endosulfan I	0.00500	0.00611	122	70 - 130	
Endosulfan II	0.00500	0.00575	115	70 - 130	
Endosulfan sulfate	0.00500	0.00599	120	70 - 130	
Endrin	0.00500	0.00564	113	70 - 130	
Endrin aldehyde	0.00500	0.00586	117	70 - 130	
Endrin ketone	0.00500	0.00580	116	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00579	116	70 - 130	
gamma-Chlordane	0.00500	0.00623	125	70 - 130	
Heptachlor	0.00500	0.00576	115	70 - 130	
Heptachlor epoxide	0.00500	0.00635	127	70 - 130	
Methoxychlor	0.00500	0.00580	116	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-66500

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-66500/56	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 0303	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00578	116	70 - 130	
4,4'-DDE	0.00500	0.00608	122	70 - 130	
4,4'-DDT	0.00500	0.00510	102	70 - 130	
Aldrin	0.00500	0.00666	133	70 - 130	^
alpha-BHC	0.00500	0.00640	128	70 - 130	
alpha-Chlordane	0.00500	0.00636	127	70 - 130	
beta-BHC	0.00500	0.00652	130	70 - 130	
delta-BHC	0.00500	0.00596	119	70 - 130	
Dieldrin	0.00500	0.00605	121	70 - 130	
Endosulfan I	0.00500	0.00611	122	70 - 130	
Endosulfan II	0.00500	0.00597	119	70 - 130	
Endosulfan sulfate	0.00500	0.00629	126	70 - 130	
Endrin	0.00500	0.00582	116	70 - 130	
Endrin aldehyde	0.00500	0.00582	116	70 - 130	
Endrin ketone	0.00500	0.00611	122	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00607	121	70 - 130	
gamma-Chlordane	0.00500	0.00626	125	70 - 130	
Heptachlor	0.00500	0.00570	114	70 - 130	
Heptachlor epoxide	0.00500	0.00633	127	70 - 130	
Methoxychlor	0.00500	0.00591	118	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-64779

Method: 8082/DOD
Preparation: 3520C

Lab Sample ID:	MB 240-64779/13-A	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-64779	Lab File ID:	P1300016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/18/2012 1727	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/13/2012 0955			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
Aroclor-1221	0.20	U	0.13	0.50
Aroclor-1016	0.20	U	0.17	0.50
Aroclor-1232	0.20	U	0.16	0.50
Aroclor-1242	0.40	U	0.22	0.50
Aroclor-1248	0.20	U	0.10	0.50
Aroclor-1254	0.20	U	0.16	0.50
Aroclor-1260	0.20	U	0.17	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	92	40 - 140
DCB Decachlorobiphenyl	90	40 - 135

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	88	40 - 140
DCB Decachlorobiphenyl	85	40 - 135

Lab Control Sample - Batch: 240-64779

Method: 8082/DOD
Preparation: 3520C

Lab Sample ID:	LCS 240-64779/14-A	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-64779	Lab File ID:	P1300024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/18/2012 1927	Units:	ug/L	Final Weight/Volume:	5.0 mL
Prep Date:	11/13/2012 0955			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.39	88	25 - 145	
Aroclor-1260	5.00	4.71	94	30 - 145	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	89	40 - 140
DCB Decachlorobiphenyl	92	40 - 135

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	76	40 - 140
DCB Decachlorobiphenyl	85	40 - 135

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64779

Method: 8082/DOD
Preparation: 3520C

MS Lab Sample ID:	240-17422-13	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-64779	Lab File ID:	P1300012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	11/18/2012 1628			Final Weight/Volume:	5.0 mL
Prep Date:	11/13/2012 0955			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-13	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-64779	Lab File ID:	P1300013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1050 mL
Analysis Date:	11/18/2012 1643			Final Weight/Volume:	5.0 mL
Prep Date:	11/13/2012 0955			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	91	84	25 - 145	8	30		
Aroclor-1260	87	69	30 - 145	24	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	92	89	40 - 140
DCB Decachlorobiphenyl	65	49	40 - 135

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	79	74	40 - 140
DCB Decachlorobiphenyl	63	47	40 - 135

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64779

Method: 8082/DOD
Preparation: 3520C

MS Lab Sample ID:	240-17422-13	Units:	ug/L	MSD Lab Sample ID:	240-17422-13
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/18/2012 1628			Analysis Date:	11/18/2012 1643
Prep Date:	11/13/2012 0955			Prep Date:	11/13/2012 0955
Leach Date:	N/A			Leach Date:	N/A

	Sample		MS Spike	MSD Spike	MS	MSD
Analyte	Result/Qual		Amount	Amount	Result/Qual	Result/Qual
Aroclor-1016	0.19	U	4.76	4.76	4.34	4.02
Aroclor-1260	0.19	U	4.76	4.76	4.16	3.28

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65363

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-65363/4	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/18/2012 1428	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0534	107	70 - 130	
Aroclor-1260	0.0500	0.0462	92	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	105	50 - 150
DCB Decachlorobiphenyl	111	50 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	113	50 - 150
DCB Decachlorobiphenyl	109	50 - 150

Method Reporting Limit Check - Batch: 240-65363

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-65363/26	Analysis Batch:	240-65363	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/18/2012 1956	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0534	107	70 - 130	
Aroclor-1260	0.0500	0.0452	90	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	108	50 - 150
DCB Decachlorobiphenyl	112	50 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	105	50 - 150
DCB Decachlorobiphenyl	107	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-65499/23-A	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1055	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
Aroclor-1221	25	U	16	50
Aroclor-1016	25	U	21	65
Aroclor-1232	25	U	14	45
Aroclor-1242	25	U	13	40
Aroclor-1248	25	U	17	55
Aroclor-1254	25	U	17	55
Aroclor-1260	25	U	17	55

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	77	40 - 140
DCB Decachlorobiphenyl	90	60 - 125

Lab Control Sample - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-65499/24-A	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300033.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1425	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	293	88	40 - 140	
Aroclor-1260	333	313	94	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	88	40 - 140
DCB Decachlorobiphenyl	94	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	78	40 - 140
DCB Decachlorobiphenyl	95	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300017.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.96 g
Analysis Date:	11/21/2012 1026			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300018.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.74 g
Analysis Date:	11/21/2012 1040			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	77	86	40 - 140	12	30		
Aroclor-1260	77	85	60 - 130	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	73	82	40 - 140
DCB Decachlorobiphenyl	69	80	60 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	74	83	40 - 140
DCB Decachlorobiphenyl	66	83	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300024.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.61 g
Analysis Date:	11/21/2012 1210			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300025.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.50 g
Analysis Date:	11/21/2012 1225			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	57	91	40 - 140	200	30		J
Aroclor-1260	57	169	60 - 130	200	30	J	J

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	52		89	40 - 140
DCB Decachlorobiphenyl	56	Q	97	60 - 125

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	54		85	40 - 140
DCB Decachlorobiphenyl	52	Q	87	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-9	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300027.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	29.67 g
Analysis Date:	11/21/2012 1255			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-9	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65499	Lab File ID:	P1300028.D
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	30.15 g
Analysis Date:	11/21/2012 1310			Final Weight/Volume:	10 mL
Prep Date:	11/18/2012 1116			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	70	88	40 - 140	20	30		
Aroclor-1260	70	84	60 - 130	16	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	70	85	40 - 140
DCB Decachlorobiphenyl	74	90	60 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	71	82	40 - 140
DCB Decachlorobiphenyl	64	77	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-2	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1026		
Prep Date:	11/18/2012 1116		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1040
Prep Date:	11/18/2012 1116
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor-1016	25	U	334	336	257	289
Aroclor-1260	25	U	334	336	256	285

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-6	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1210		
Prep Date:	11/18/2012 1116		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1225
Prep Date:	11/18/2012 1116
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Aroclor-1016	25	U	338	339	192		309	J
Aroclor-1260	25	U	338	339	191	J	574	J

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65499

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17422-9	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1255		
Prep Date:	11/18/2012 1116		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17422-9
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1310
Prep Date:	11/18/2012 1116
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor-1016	24	U	337	332	237	290
Aroclor-1260	24	U	337	332	236	278

Method Reporting Limit Check - Batch: 240-65860 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65860/9	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 0814	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0523	105	70 - 130	
Aroclor-1260	0.0500	0.0436	87	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	108	50 - 150
DCB Decachlorobiphenyl	102	50 - 150

Method Reporting Limit Check - Batch: 240-65860 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65860/9	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 0814	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0695	139	70 - 130	
Aroclor-1260	0.0500	0.0549	110	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	116	50 - 150
DCB Decachlorobiphenyl	106	50 - 150

Method Reporting Limit Check - Batch: 240-65860 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65860/36	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1454	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0540	108	70 - 130	
Aroclor-1260	0.0500	0.0472	94	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	107	50 - 150
DCB Decachlorobiphenyl	106	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 240-65860

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-65860/36	Analysis Batch:	240-65860	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1454	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0687	137	70 - 130	
Aroclor-1260	0.0500	0.0527	105	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	50 - 150
DCB Decachlorobiphenyl	107	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	MB 320-6035/1-A	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-005-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/26/2012 1245	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitroguanidine	0.040	U	0.020	0.25

Lab Control Sample - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	LCS 320-6035/2-A	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-006-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/26/2012 1259	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitroguanidine	1.00	0.983	98	72 - 121	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17422-2	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-025-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/26/2012 1731			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-026-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.08 g
Analysis Date:	11/26/2012 1745			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	91	92	72 - 121	4	20	M	M

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17422-6	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-030-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.99 g
Analysis Date:	11/26/2012 1843			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-031-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.05 g
Analysis Date:	11/26/2012 1857			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	90	91	72 - 121	3	20		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17422-2	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/26/2012 1731		
Prep Date:	11/16/2012 1129		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/26/2012 1745
Prep Date:	11/16/2012 1129
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Nitroguanidine	0.040	U	1.00	0.962	0.915	M	0.881	M

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17422-6	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/26/2012 1843		
Prep Date:	11/16/2012 1129		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/26/2012 1857
Prep Date:	11/16/2012 1129
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitroguanidine	0.039	U	1.01	0.976	0.908	0.884

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 320-6026

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-6026/1-A	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/20/2012 2221	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
1,3-Dinitrobenzene	0.050	U	0.0042	0.25
2,4-Dinitrotoluene	0.050	U	0.0053	0.25
2,6-Dinitrotoluene	0.050	U	0.0073	0.25
HMX	0.050	U	0.012	0.25
Nitrobenzene	0.050	U	0.018	0.25
Nitroglycerin	0.25	U	0.015	0.50
2-Nitrotoluene	0.050	U	0.013	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
PETN	0.25	U	0.025	0.50
RDX	0.050	U	0.012	0.25
Tetryl	0.050	U	0.010	0.25
1,3,5-Trinitrobenzene	0.050	U	0.010	0.25
2,4,6-Trinitrotoluene	0.050	U	0.019	0.25

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	99	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 320-6026

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-6026/1-A	Analysis Batch:	320-6234	Instrument ID:	LC12
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	U000005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/21/2012 1759	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
1,3-Dinitrobenzene	0.050	U	0.0042	0.25
2,4-Dinitrotoluene	0.050	U	0.0053	0.25
2,6-Dinitrotoluene	0.050	U	0.0073	0.25
HMX	0.050	U	0.012	0.25
Nitrobenzene	0.050	U	0.018	0.25
Nitroglycerin	0.25	U	0.015	0.50
2-Nitrotoluene	0.050	U	0.013	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
PETN	0.25	U	0.025	0.50
RDX	0.050	U	0.012	0.25
Tetryl	0.0189	J	0.010	0.25
1,3,5-Trinitrobenzene	0.050	U	0.010	0.25
2,4,6-Trinitrotoluene	0.050	U	0.019	0.25

Surrogate	% Rec		Acceptance Limits
3,4-Dinitrotoluene	75	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 320-6026

Method: 8330B
Preparation: 8330B

Lab Sample ID:	LCS 320-6026/2-A	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/20/2012 2302	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Amino-4,6-dinitrotoluene	0.500	0.494	99	79 - 119	
4-Amino-2,6-dinitrotoluene	0.500	0.519	104	81 - 121	
1,3-Dinitrobenzene	0.500	0.508	102	81 - 121	
2,4-Dinitrotoluene	0.500	0.503	101	79 - 119	
2,6-Dinitrotoluene	0.500	0.483	97	79 - 119	
HMX	0.500	0.512	102	80 - 120	
Nitrobenzene	0.500	0.497	99	80 - 120	
Nitroglycerin	1.00	0.973	97	76 - 116	
2-Nitrotoluene	0.500	0.472	94	78 - 118	
3-Nitrotoluene	0.500	0.493	99	77 - 117	
4-Nitrotoluene	0.500	0.481	96	78 - 118	
PETN	1.00	0.995	99	76 - 116	
RDX	0.500	0.503	101	82 - 122	
Tetryl	0.500	0.425	85	63 - 120	
1,3,5-Trinitrobenzene	0.500	0.505	101	81 - 121	
2,4,6-Trinitrotoluene	0.500	0.421	84	65 - 105	

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	99	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17422-2	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.10 g
Analysis Date:	11/21/2012 1233			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1048			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000036.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.08 g
Analysis Date:	11/21/2012 1314			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1048			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2-Amino-4,6-dinitrotoluene	101	97	79 - 119	4	20		
4-Amino-2,6-dinitrotoluene	99	98	81 - 121	2	20		
1,3-Dinitrobenzene	102	102	81 - 121	0	20		
2,4-Dinitrotoluene	100	95	79 - 119	4	20		
2,6-Dinitrotoluene	105	98	79 - 119	6	20		
HMX	101	99	80 - 120	1	20		
Nitrobenzene	102	99	80 - 120	3	20		
Nitroglycerin	89	88	76 - 116	1	20		
2-Nitrotoluene	94	90	78 - 118	3	20	M	
3-Nitrotoluene	96	95	77 - 117	1	20	M	
4-Nitrotoluene	95	94	78 - 118	1	20	M	
PETN	101	105	76 - 116	4	20		
RDX	97	95	82 - 122	2	20		
Tetryl	84	84	63 - 120	0	20		
1,3,5-Trinitrobenzene	101	117	81 - 121	14	20		
2,4,6-Trinitrotoluene	86	85	65 - 105	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
3,4-Dinitrotoluene	107	101	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17422-6	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000040.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	9.96 g
Analysis Date:	11/21/2012 1555			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1111			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000041.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.17 g
Analysis Date:	11/21/2012 1635			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1111			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2-Amino-4,6-dinitrotoluene	98	96	79 - 119	4	20		
4-Amino-2,6-dinitrotoluene	100	98	81 - 121	4	20		
1,3-Dinitrobenzene	102	101	81 - 121	3	20		
2,4-Dinitrotoluene	100	99	79 - 119	3	20		
2,6-Dinitrotoluene	100	96	79 - 119	6	20		
HMX	100	101	80 - 120	0	20		
Nitrobenzene	99	98	80 - 120	3	20		
Nitroglycerin	97	97	76 - 116	2	20		
2-Nitrotoluene	90	95	78 - 118	3	20	M	
3-Nitrotoluene	96	98	77 - 117	0	20		
4-Nitrotoluene	94	95	78 - 118	1	20		
PETN	91	91	76 - 116	2	20	M	M
RDX	95	95	82 - 122	2	20		
Tetryl	71	69	63 - 120	5	20		
1,3,5-Trinitrobenzene	100	100	81 - 121	2	20		
2,4,6-Trinitrotoluene	83	83	65 - 105	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
3,4-Dinitrotoluene	95	98	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17422-2	Units:	mg/Kg	MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/21/2012 1233			Analysis Date:	11/21/2012 1314
Prep Date:	11/16/2012 1048			Prep Date:	11/16/2012 1048
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
2-Amino-4,6-dinitrotoluene	0.050	U	0.495	0.496	0.502		0.482
4-Amino-2,6-dinitrotoluene	0.050	U	0.495	0.496	0.492		0.484
1,3-Dinitrobenzene	0.050	U	0.495	0.496	0.505		0.504
2,4-Dinitrotoluene	0.019	J	0.495	0.496	0.512		0.490
2,6-Dinitrotoluene	0.050	U	0.495	0.496	0.518		0.487
HMX	0.050	U	0.495	0.496	0.500		0.492
Nitrobenzene	0.050	U	0.495	0.496	0.503		0.490
Nitroglycerin	0.087	J	0.990	0.992	0.973		0.961
2-Nitrotoluene	0.015	J	0.495	0.496	0.478	M	0.463
3-Nitrotoluene	0.050	U	0.495	0.496	0.475	M	0.469
4-Nitrotoluene	0.050	U	0.495	0.496	0.471	M	0.467
PETN	0.25	U	0.990	0.992	0.996		1.04
RDX	0.050	U	0.495	0.496	0.481		0.471
Tetryl	0.012	J	0.495	0.496	0.427		0.428
1,3,5-Trinitrobenzene	0.012	J	0.495	0.496	0.511		0.590
2,4,6-Trinitrotoluene	0.050	U	0.495	0.496	0.425		0.420

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17422-6	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1555		
Prep Date:	11/16/2012 1111		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1635
Prep Date:	11/16/2012 1111
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
2-Amino-4,6-dinitrotoluene	0.050	U	0.502	0.492	0.491		0.473	
4-Amino-2,6-dinitrotoluene	0.050	U	0.502	0.492	0.503		0.484	
1,3-Dinitrobenzene	0.050	U	0.502	0.492	0.511		0.494	
2,4-Dinitrotoluene	0.050	U	0.502	0.492	0.500		0.484	
2,6-Dinitrotoluene	0.050	U	0.502	0.492	0.501		0.474	
HMX	0.050	U	0.502	0.492	0.500		0.498	
Nitrobenzene	0.050	U	0.502	0.492	0.497		0.482	
Nitroglycerin	0.25	U	1.00	0.983	0.974		0.955	
2-Nitrotoluene	0.050	U	0.502	0.492	0.453	M	0.465	
3-Nitrotoluene	0.050	U	0.502	0.492	0.482		0.480	
4-Nitrotoluene	0.050	U	0.502	0.492	0.471		0.465	
PETN	0.25	U	1.00	0.983	0.910	M	0.891	M
RDX	0.050	U	0.502	0.492	0.475		0.465	
Tetryl	0.024	J	0.502	0.492	0.382		0.364	
1,3,5-Trinitrobenzene	0.050	U	0.502	0.492	0.500		0.491	
2,4,6-Trinitrotoluene	0.050	U	0.502	0.492	0.417		0.410	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 240-65198/1-A	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/23/2012 1510	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Aluminum	4.0	U	2.5	10
Antimony	0.15	U	0.062	0.20
Arsenic	0.15	U	0.052	0.50
Barium	0.30	U	0.13	0.50
Beryllium	0.010	U	0.0035	0.10
Cadmium	0.010	U	0.0031	0.20
Calcium	100	U	40	200
Chromium	0.45	U	0.16	0.50
Cobalt	0.015	U	0.0045	0.10
Copper	0.30	U	0.11	0.40
Iron	30	U	11	50
Lead	0.20	U	0.071	0.30
Magnesium	25	U	8.9	100
Manganese	0.40	U	0.16	0.50
Nickel	0.25	U	0.086	0.50
Potassium	4.92	J	3.8	100
Selenium	0.060	U	0.021	0.50
Silver	0.050	U	0.016	0.10
Sodium	40	U	14	100
Thallium	0.15	U	0.056	0.20
Vanadium	0.10	U	0.043	0.50
Zinc	2.0	U	1.0	4.0

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 240-65198/2-A	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/23/2012 1515	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	1000	936	94	80 - 120	
Antimony	10.0	9.31	93	68 - 113	
Arsenic	100	86.3	86	73 - 110	
Barium	100	93.6	94	70 - 110	
Beryllium	100	93.4	93	79 - 110	
Cadmium	100	97.4	97	74 - 110	
Calcium	1000	902	90	80 - 120	
Chromium	100	93.0	93	70 - 110	
Cobalt	100	91.9	92	74 - 110	
Copper	100	94.5	95	73 - 110	
Iron	1000	984	98	80 - 120	
Lead	100	91.9	92	75 - 110	
Magnesium	1000	986	99	80 - 120	
Manganese	100	94.5	94	80 - 120	
Nickel	100	93.4	93	75 - 110	
Potassium	1000	966	97	80 - 120	
Selenium	100	85.5	85	65 - 110	
Silver	10.0	10.2	102	60 - 114	
Sodium	1000	994	99	80 - 120	
Thallium	25.0	22.3	89	71 - 110	
Vanadium	100	89.0	89	72 - 110	
Zinc	100	93.3	93	72 - 113	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-2	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1537	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	11000		926	11400	98	70 - 130	4
Antimony	0.17	J	9.26	2.48	25	75 - 125	J
Arsenic	11		9.26	17.9	70	23 - 131	
Barium	100		9.26	115	114	10 - 199	4
Beryllium	0.62		9.26	8.42	84	58 - 112	
Cadmium	0.20		9.26	8.57	90	58 - 110	
Calcium	1100		926	1970	93	70 - 130	
Chromium	16		9.26	25.0	95	10 - 199	
Cobalt	9.4		9.26	17.8	91	55 - 110	
Copper	12		9.26	19.3	81	10 - 199	
Iron	19000		926	20400	121	70 - 130	4
Lead	38		9.26	46.4	92	10 - 199	4
Magnesium	2000		926	2890	91	70 - 130	
Manganese	760		9.26	761	-30	10 - 199	4
Nickel	18		9.26	27.6	101	10 - 176	
Potassium	830		926	1690	93	70 - 130	
Selenium	0.60		9.26	7.20	71	39 - 116	
Silver	0.073	J	9.26	8.71	93	75 - 125	
Sodium	31	J	926	928	97	70 - 130	
Thallium	0.21		9.26	8.67	91	82 - 110	
Vanadium	18		9.26	26.4	91	39 - 129	
Zinc	120		9.26	131	68	10 - 199	4

Post Digestion Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-2	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1544	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	11000		926	11000	55	75 - 125	J
Antimony	0.17	J	9.26	9.18	97	75 - 125	
Arsenic	11		92.6	95.3	91	75 - 125	
Barium	100		92.6	189	92	75 - 125	
Beryllium	0.62		92.6	91.7	98	75 - 125	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Post Digestion Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-2	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1544	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.20	92.6	92.3	100	75 - 125	
Calcium	1100	926	1930	88	75 - 125	
Chromium	16	92.6	104	95	75 - 125	
Cobalt	9.4	92.6	94.4	92	75 - 125	
Copper	12	92.6	97.1	92	75 - 125	
Iron	19000	926	19500	26	75 - 125	J
Lead	38	92.6	120	89	75 - 125	
Magnesium	2000	926	2910	94	75 - 125	
Manganese	760	92.6	822	62	75 - 125	J
Nickel	18	92.6	103	92	75 - 125	
Potassium	830	926	1750	100	75 - 125	
Selenium	0.60	92.6	85.9	92	75 - 125	
Silver	0.073 J	9.26	9.57	103	75 - 125	
Sodium	31 J	926	985	103	75 - 125	
Thallium	0.21	23.1	21.1	90	75 - 125	
Vanadium	18	92.6	104	92	75 - 125	
Zinc	120	92.6	207	89	75 - 125	

Matrix Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-6	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.06 g
Analysis Date:	11/23/2012 1653	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	6600	943	8250	173	70 - 130	4
Antimony	0.098 J	9.43	2.41	25	75 - 125	J
Arsenic	9.7	9.43	17.4	82	23 - 131	
Barium	49	9.43	63.4	151	10 - 199	4
Beryllium	0.47	9.43	8.77	88	58 - 112	
Cadmium	0.21	9.43	8.64	89	58 - 110	
Calcium	4700	943	5810	119	70 - 130	4
Chromium	17	9.43	26.2	93	10 - 199	
Cobalt	7.1	9.43	16.2	97	55 - 110	
Copper	14	9.43	22.6	88	10 - 199	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-6	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.06 g
Analysis Date:	11/23/2012 1653	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Iron	18000	943	19600	139	70 - 130	4
Lead	15	9.43	24.6	101	10 - 199	
Magnesium	2300	943	3310	106	70 - 130	
Manganese	410	9.43	469	580	10 - 199	4
Nickel	22	9.43	31.1	93	10 - 176	
Potassium	840	943	1800	103	70 - 130	
Selenium	0.44 J	9.43	7.27	72	39 - 116	
Silver	0.44	9.43	9.31	94	75 - 125	
Sodium	40 J	943	925	94	70 - 130	
Thallium	0.11 J	9.43	8.80	92	82 - 110	
Vanadium	11	9.43	20.5	100	39 - 129	
Zinc	64	9.43	70.5	68	10 - 199	4

Matrix Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-9	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1732	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	12000	962	14900	256	70 - 130	4
Antimony	0.13 J	9.62	2.37	23	75 - 125	J
Arsenic	16	9.62	22.1	59	23 - 131	
Barium	78	9.62	88.6	111	10 - 199	4
Beryllium	0.76	9.62	8.85	84	58 - 112	
Cadmium	0.61	9.62	9.18	89	58 - 110	
Calcium	1500	962	2230	73	70 - 130	
Chromium	21	9.62	31.5	109	10 - 199	
Cobalt	12	9.62	19.7	81	55 - 110	
Copper	30	9.62	37.5	83	10 - 199	
Iron	26000	962	26800	37	70 - 130	4
Lead	23	9.62	29.9	73	10 - 199	
Magnesium	2400	962	3430	111	70 - 130	
Nickel	24	9.62	33.2	91	10 - 176	
Potassium	790	962	1770	102	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-9	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1732	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Selenium	0.80	9.62	7.62	71	39 - 116	
Silver	0.056 J	9.62	8.70	90	75 - 125	
Sodium	47 J	962	942	93	70 - 130	
Thallium	0.22	9.62	8.54	87	82 - 110	
Vanadium	19	9.62	29.0	104	39 - 129	
Zinc	160	9.62	179	192	10 - 199	4

Matrix Spike - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-9	Analysis Batch:	240-67023	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8113012B.csv
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/30/2012 1208	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Manganese	1200	9.62	850	-3599	10 - 199	D 4

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Serial Dilution - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-2	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1527	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	11000		11300	7.5	10	D
Antimony	0.17	J	0.69	NC	10	U
Arsenic	11		12.1	NC	10	D
Barium	100		108	3.6	10	D
Beryllium	0.62		0.671	NC	10	D
Cadmium	0.20		0.248	NC	10	J D
Calcium	1100		1170	NC	10	D
Chromium	16		16.5	NC	10	D
Cobalt	9.4		9.65	3.1	10	D
Copper	12		12.8	NC	10	D
Iron	19000		20200	4.5	10	D
Lead	38		41.0	8.4	10	D
Magnesium	2000		2170	NC	10	D
Manganese	760		795	4.0	10	D
Nickel	18		19.1	NC	10	D
Potassium	830		871	NC	10	D
Selenium	0.60		0.731	NC	10	J D
Silver	0.073	J	0.0782	NC	10	J D
Sodium	31	J	190	NC	10	U
Thallium	0.21		0.295	NC	10	J D
Vanadium	18		18.2	NC	10	D
Zinc	120		139	NC	10	D

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-2	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1532	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	11000		10100	4	20	
Antimony	0.17	J	0.174	0.4	20	J
Arsenic	11		11.0	3	20	
Barium	100		123	16	20	
Beryllium	0.62		0.552	11	20	
Cadmium	0.20		0.214	5	20	
Calcium	1100		1160	5	20	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-2	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.08 g
Analysis Date:	11/23/2012 1532	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Chromium	16		16.1	0.2	20	
Cobalt	9.4		9.57	2	20	
Copper	12		12.0	2	20	
Iron	19000		19800	2	20	
Lead	38		40.3	6	20	
Magnesium	2000		2000	2	20	
Manganese	760		819	7	20	
Nickel	18		18.3	0.05	20	
Potassium	830		801	3	20	
Selenium	0.60		0.565	7	20	
Silver	0.073	J	0.0802	9	20	J
Sodium	31	J	27.8	10	20	J
Thallium	0.21		0.186	11	20	J
Vanadium	18		17.9	0.7	20	
Zinc	120		128	2	20	

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-6	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.06 g
Analysis Date:	11/23/2012 1648	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	6600		6480	2	20	
Antimony	0.098	J	0.102	4	20	J
Arsenic	9.7		10.0	4	20	
Barium	49		51.3	4	20	
Beryllium	0.47		0.466	1	20	
Cadmium	0.21		0.226	7	20	
Calcium	4700		4650	0.8	20	
Chromium	17		17.4	0.6	20	
Cobalt	7.1		7.21	2	20	
Copper	14		14.7	3	20	
Iron	18000		18500	1	20	
Lead	15		15.5	2	20	
Magnesium	2300		2330	0.7	20	
Manganese	410		442	6	20	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-6	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.06 g
Analysis Date:	11/23/2012 1648	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Nickel	22		23.6	6	20	
Potassium	840		805	4	20	
Selenium	0.44	J	0.498	12	20	
Silver	0.44		0.485	10	20	
Sodium	40	J	39.3	0.7	20	J
Thallium	0.11	J	0.117	8	20	J
Vanadium	11		11.0	0.7	20	
Zinc	64		63.0	2	20	

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-9	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1727	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	12000		12200	2	20	
Antimony	0.13	J	0.128	2	20	J
Arsenic	16		14.9	10	20	
Barium	78		79.0	1	20	
Beryllium	0.76		0.744	2	20	
Cadmium	0.61		0.613	0.3	20	
Calcium	1500		1480	4	20	
Chromium	21		22.0	4	20	
Cobalt	12		11.1	6	20	
Copper	30		29.1	2	20	
Iron	26000		25700	3	20	
Lead	23		21.8	5	20	
Magnesium	2400		2390	0.7	20	
Nickel	24		24.5	0.08	20	
Potassium	790		777	2	20	
Selenium	0.80		0.856	7	20	
Silver	0.056	J	0.0560	0.3	20	J
Sodium	47	J	46.6	0.4	20	J
Thallium	0.22		0.217	2	20	
Vanadium	19		18.8	1	20	
Zinc	160		162	0.9	20	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-9	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1727	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual

Duplicate - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17422-9	Analysis Batch:	240-67023	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8113012B.csv
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	1.04 g
Analysis Date:	11/30/2012 1202	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Manganese	1200	891	29	20	D J

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 240-65311/1-A	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1054	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Aluminum	60	U	20	60
Antimony	0.50	U	0.21	2.0
Arsenic	1.0	U	0.44	5.0
Barium	4.0	U	1.6	5.0
Beryllium	0.50	U	0.50	1.0
Cadmium	0.40	U	0.40	2.0
Calcium	1000	U	540	2000
Chromium	1.5	U	0.53	2.0
Cobalt	0.20	U	0.20	1.0
Copper	4.0	U	1.4	4.0
Iron	100	U	44	150
Lead	0.50	U	0.20	1.0
Magnesium	300	U	120	1000
Manganese	3.0	U	1.1	5.0
Nickel	1.5	U	0.62	5.0
Potassium	20.7	J	16	1000
Selenium	0.50	U	0.20	5.0
Silver	0.25	U	0.080	1.0
Sodium	400	U	160	1000
Thallium	0.348	J	0.32	2.0
Vanadium	1.5	U	0.51	5.0
Zinc	10.4	J	8.8	40

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Control Sample - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	LCS 240-65311/2-A	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1059	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10000	9160	92	80 - 120	
Antimony	100	92.0	92	80 - 120	
Arsenic	1000	933	93	80 - 120	
Barium	1000	927	93	80 - 120	
Beryllium	1000	944	94	80 - 120	
Cadmium	1000	973	97	80 - 120	
Calcium	10000	9590	96	80 - 120	
Chromium	1000	948	95	80 - 120	
Cobalt	1000	924	92	80 - 120	
Copper	1000	991	99	80 - 120	
Iron	10000	9160	92	80 - 120	
Lead	1000	953	95	80 - 120	
Magnesium	10000	9480	95	80 - 120	
Manganese	1000	980	98	80 - 120	
Nickel	1000	968	97	80 - 120	
Potassium	10000	9230	92	80 - 120	
Selenium	1000	938	94	80 - 120	
Silver	100	98.5	99	80 - 120	
Sodium	10000	9120	91	80 - 120	
Thallium	250	220	88	80 - 120	
Vanadium	1000	903	90	80 - 120	
Zinc	1000	1010	101	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-17422-13	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1123	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	170		10000	10300	102	63 - 128	
Antimony	0.42	J	100	98.9	98	44 - 153	
Arsenic	0.67	J	100	99.6	99	82 - 123	
Barium	22		100	121	99	45 - 144	
Beryllium	0.50	U	100	98.1	98	77 - 124	
Cadmium	0.40	U	100	102	102	78 - 117	
Calcium	48000		10000	59400	111	70 - 130	4
Chromium	1.5	U	100	98.9	99	72 - 110	
Cobalt	0.20	U	100	98.9	99	67 - 114	
Copper	4.0	U	100	103	103	60 - 123	
Iron	440		10000	10600	101	22 - 169	
Lead	0.32	J	100	105	104	73 - 115	
Magnesium	11000		10000	21400	109	70 - 130	
Manganese	98		100	199	101	10 - 172	
Nickel	1.5	U	100	101	101	72 - 111	
Potassium	2800		10000	13300	104	70 - 130	
Selenium	0.43	J	100	96.4	96	72 - 148	
Silver	0.25	U	100	103	103	10 - 139	
Sodium	4800		10000	15100	102	80 - 120	
Thallium	0.82	J	100	98.5	98	69 - 117	
Vanadium	1.5	U	100	96.9	97	70 - 112	
Zinc	20	U	100	108	108	49 - 156	

Post Digestion Spike - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-17422-13	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1130	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	170		10000	11300	111	75 - 125	
Antimony	0.42	J	100	95.2	95	75 - 125	
Arsenic	0.67	J	100	103	102	75 - 125	
Barium	22		100	124	101	75 - 125	
Beryllium	0.50	U	100	102	102	75 - 125	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Post Digestion Spike - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-17422-13	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1130	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.40	U	100	105	105	75 - 125	
Calcium	48000		10000	58700	104	75 - 125	
Chromium	1.5	U	100	101	101	75 - 125	
Cobalt	0.20	U	100	102	102	75 - 125	
Copper	4.0	U	100	106	106	75 - 125	
Iron	440		10000	11600	112	75 - 125	
Lead	0.32	J	100	108	108	75 - 125	
Magnesium	11000		10000	21900	113	75 - 125	
Manganese	98		100	200	102	75 - 125	
Nickel	1.5	U	100	103	103	75 - 125	
Potassium	2800		10000	14200	113	75 - 125	
Selenium	0.43	J	100	100	100	75 - 125	
Silver	0.25	U	100	102	102	75 - 125	
Sodium	4800		10000	15800	109	75 - 125	
Thallium	0.82	J	100	104	103	75 - 125	
Vanadium	1.5	U	100	100	100	75 - 125	
Zinc	20	U	100	109	109	75 - 125	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Serial Dilution - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-17422-13	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1113	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	170		167	NC	10	J D
Antimony	0.42	J	2.5	NC	10	U
Arsenic	0.67	J	5.0	NC	10	U
Barium	22		21.5	NC	10	J D
Beryllium	0.50	U	2.5	NC	10	U
Cadmium	0.40	U	2.0	NC	10	U
Calcium	48000		49100	NC	10	D
Chromium	1.5	U	7.5	NC	10	U
Cobalt	0.20	U	1.0	NC	10	U
Copper	4.0	U	20	NC	10	U
Iron	440		433	NC	10	J D
Lead	0.32	J	2.5	NC	10	U
Magnesium	11000		10900	NC	10	D
Manganese	98		101	NC	10	D
Nickel	1.5	U	7.5	NC	10	U
Potassium	2800		2960	NC	10	J D
Selenium	0.43	J	2.5	NC	10	U
Silver	0.25	U	1.3	NC	10	U
Sodium	4800		4890	NC	10	J D
Thallium	0.82	J	1.80	NC	10	J D
Vanadium	1.5	U	7.5	NC	10	U
Zinc	20	U	100	NC	10	U

Duplicate - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-17422-13	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1118	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	170		166	3	20	
Antimony	0.42	J	0.50	NC	20	U
Arsenic	0.67	J	0.613	9	20	J
Barium	22		21.9	2	20	
Beryllium	0.50	U	0.50	NC	20	U
Cadmium	0.40	U	0.40	NC	20	U
Calcium	48000		48000	0.4	20	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65311

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-17422-13	Analysis Batch:	240-68088	Instrument ID:	I8
Client Matrix:	Water	Prep Batch:	240-65311	Lab File ID:	I8121012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/10/2012 1118	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	11/16/2012 0908				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Chromium	1.5	U	1.5	NC	20	U
Cobalt	0.20	U	0.20	NC	20	U
Copper	4.0	U	4.0	NC	20	U
Iron	440		429	2	20	
Lead	0.32	J	0.288	11	20	J
Magnesium	11000		10600	1	20	
Manganese	98		97.2	0.8	20	
Nickel	1.5	U	0.681	NC	20	J
Potassium	2800		2840	0.1	20	
Selenium	0.43	J	0.50	NC	20	U
Silver	0.25	U	0.25	NC	20	U
Sodium	4800		4780	1	20	
Thallium	0.82	J	1.0	NC	20	U
Vanadium	1.5	U	1.5	NC	20	U
Zinc	20	U	20	NC	20	U

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike - Batch: 240-66219

Method: 7470A/DOD
Preparation: 7470A

Lab Sample ID:	240-17422-13	Analysis Batch:	240-66485	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-66219	Lab File ID:	112712A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/27/2012 1605	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1525				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20	U	1.00	0.969	97	80 - 120	

Duplicate - Batch: 240-66219

Method: 7470A/DOD
Preparation: 7470A

Lab Sample ID:	240-17422-13	Analysis Batch:	240-66485	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-66219	Lab File ID:	112712A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/27/2012 1601	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1525				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC		U

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-65204/1-A	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1859	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Hg	0.0276	J	0.014	0.10

Lab Control Sample - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-65204/2-A	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1900	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.833	0.705	85	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17422-2	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1907	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.077	J	0.167	0.229	91	80 - 120	

Matrix Spike - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17422-6	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1926	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.053	J	0.159	0.193	88	80 - 120	

Matrix Spike - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17422-9	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1933	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.079	J	0.159	0.213	84	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17422-2	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1905	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hg	0.077	J	0.0811	5		J

Duplicate - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17422-6	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1924	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hg	0.053	J	0.0564	6		J

Duplicate - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17422-9	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1932	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hg	0.079	J	0.0853	7		J

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65100

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-17422-2	Analysis Batch:	240-65100	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/15/2012 0901	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	77	75	3	20	
Percent Moisture	23	25	8	20	

Duplicate - Batch: 240-65100

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-17422-6	Analysis Batch:	240-65100	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/15/2012 0901	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	81	75	8	20	
Percent Moisture	19	25	28	20	J

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Duplicate - Batch: 240-65747

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-17422-9	Analysis Batch:	240-65747	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/20/2012 1047	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	98	98	0.02	20	
Percent Moisture	2.3	2.3	0.7	20	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Blank - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	MB 320-6800/1-B	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6824	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/04/2012 1412	Units:	mg/Kg	Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitrocellulose	1.8	U	0.78	5.0

Lab Control Sample - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	LCS 320-6800/2-B	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6824	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/04/2012 1414	Units:	mg/Kg	Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	51.0	25.1	49	34 - 115	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17422-2	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6824	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/04/2012 1418			Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-2	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6824	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/04/2012 1420			Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrocellulose	60	63	34 - 115	3	71		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17422-6	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6824	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/04/2012 1436			Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17422-6	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6824	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/04/2012 1438			Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrocellulose	50	50	34 - 115	10	71		

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17422-2	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/04/2012 1418		
Prep Date:	12/04/2012 0705		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17422-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/04/2012 1420
Prep Date:	12/04/2012 0705
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrocellulose	18	U	481	447	291	283

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17422-6	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/04/2012 1436		
Prep Date:	12/04/2012 0705		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17422-6
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/04/2012 1438
Prep Date:	12/04/2012 0705
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrocellulose	17	U	510	464	257	232

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Method Reporting Limit Check - Batch: 320-6863

Method: WS-WC-0050
Preparation: N/A

Lab Sample ID:	MRL 320-6863/20	Analysis Batch:	320-6863	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	120412A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	12/04/2012 1422	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	109	70 - 130	U

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
GC/MS Semi VOA		
	B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Section	Qualifier	Description
GC Semi VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
HPLC/IC		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
Metals		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Lab Section	Qualifier	Description
General Chemistry		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	U	Undetected at the Limit of Detection.

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-64831					
LCS 240-64831/4	Lab Control Sample	T	Water	8260B/DoD	
MB 240-64831/6	Method Blank	T	Water	8260B/DoD	
240-17422-16TB	073SS-0006-0001-TB	T	Water	8260B/DoD	
Prep Batch: 240-64955					
240-17422-1	076SS-0019M-0001-SO	T	Solid	5035	
240-17422-2	076SS-0020M-0001-SO	T	Solid	5035	
240-17422-2MS	Matrix Spike	T	Solid	5035	
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	5035	
240-17422-3	076SS-0021M-0001-SO	T	Solid	5035	
240-17422-5	073SS-0002M-0001-SO	T	Solid	5035	
240-17422-6	073SS-0003M-0001-SO	T	Solid	5035	
240-17422-6MS	Matrix Spike	T	Solid	5035	
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:240-64980					
LCS 240-64980/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-64980/8	Method Blank	T	Solid	8260B/DoD	
240-17422-1	076SS-0019M-0001-SO	T	Solid	8260B/DoD	240-64955
240-17422-3	076SS-0021M-0001-SO	T	Solid	8260B/DoD	240-64955
240-17422-5	073SS-0002M-0001-SO	T	Solid	8260B/DoD	240-64955
Analysis Batch:240-65171					
LCS 240-65171/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-65171/8	Method Blank	T	Solid	8260B/DoD	
240-17422-2	076SS-0020M-0001-SO	T	Solid	8260B/DoD	240-64955
240-17422-2MS	Matrix Spike	T	Solid	8260B/DoD	240-64955
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-64955
240-17422-6	073SS-0003M-0001-SO	T	Solid	8260B/DoD	240-64955
240-17422-6MS	Matrix Spike	T	Solid	8260B/DoD	240-64955
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-64955

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-64920					
LCS 240-64920/24-A	Lab Control Sample	T	Water	3520C	
MB 240-64920/23-A	Method Blank	T	Water	3520C	
240-17422-13	076SW-0013-0001-SW	T	Water	3520C	
240-17422-13MS	Matrix Spike	T	Water	3520C	
240-17422-13MSD	Matrix Spike Duplicate	T	Water	3520C	
240-17422-14	076SW-0014-0001-SW	T	Water	3520C	
240-17422-15	076SW-0015-0001-SW	T	Water	3520C	
Prep Batch: 240-65056					
240-17422-1	076SS-0019M-0001-SO	T	Solid	Increment, Prep	
240-17422-2	076SS-0020M-0001-SO	T	Solid	Increment, Prep	
240-17422-2MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17422-3	076SS-0021M-0001-SO	T	Solid	Increment, Prep	
240-17422-4	073SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17422-5	073SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17422-6	073SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17422-6MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17422-8	073SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17422-9	068SD-0009-0001-SO	T	Solid	Increment, Prep	
240-17422-9MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-9MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17422-10	068SD-00010-0001-SO	T	Solid	Increment, Prep	
240-17422-11	068SD-00011-0001-SO	T	Solid	Increment, Prep	
240-17422-12	068SD-00012-0001-SO	T	Solid	Increment, Prep	
Analysis Batch:240-65294					
LCS 240-64920/24-A	Lab Control Sample	T	Water	8270C/DoD	240-64920
MB 240-64920/23-A	Method Blank	T	Water	8270C/DoD	240-64920
240-17422-13	076SW-0013-0001-SW	T	Water	8270C/DoD	240-64920
240-17422-13MS	Matrix Spike	T	Water	8270C/DoD	240-64920
240-17422-13MSD	Matrix Spike Duplicate	T	Water	8270C/DoD	240-64920
240-17422-14	076SW-0014-0001-SW	T	Water	8270C/DoD	240-64920
240-17422-15	076SW-0015-0001-SW	T	Water	8270C/DoD	240-64920
Prep Batch: 240-65503					
LCS 240-65503/23-A	Lab Control Sample	T	Solid	3540C	
MB 240-65503/22-A	Method Blank	T	Solid	3540C	
240-17422-1	076SS-0019M-0001-SO	T	Solid	3540C	240-65056
240-17422-2	076SS-0020M-0001-SO	T	Solid	3540C	240-65056
240-17422-2MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-3	076SS-0021M-0001-SO	T	Solid	3540C	240-65056

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-65764					
LCS 240-65764/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-65764/23-A	Method Blank	T	Solid	3540C	
240-17422-4	073SS-0001M-0001-SO	T	Solid	3540C	240-65056
240-17422-5	073SS-0002M-0001-SO	T	Solid	3540C	240-65056
240-17422-6	073SS-0003M-0001-SO	T	Solid	3540C	240-65056
240-17422-6MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-8	073SS-0005M-0001-SO	T	Solid	3540C	240-65056
240-17422-9	068SD-0009-0001-SO	T	Solid	3540C	240-65056
240-17422-9MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-9MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-10	068SD-00010-0001-SO	T	Solid	3540C	240-65056
240-17422-11	068SD-00011-0001-SO	T	Solid	3540C	240-65056
240-17422-12	068SD-00012-0001-SO	T	Solid	3540C	240-65056
Analysis Batch:240-66051					
LCS 240-65503/23-A	Lab Control Sample	T	Solid	8270C/DoD	240-65503
MB 240-65503/22-A	Method Blank	T	Solid	8270C/DoD	240-65503
240-17422-1	076SS-0019M-0001-SO	T	Solid	8270C/DoD	240-65503
240-17422-2	076SS-0020M-0001-SO	T	Solid	8270C/DoD	240-65503
240-17422-2MS	Matrix Spike	T	Solid	8270C/DoD	240-65503
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-65503
240-17422-3	076SS-0021M-0001-SO	T	Solid	8270C/DoD	240-65503
Analysis Batch:240-66246					
LCS 240-65764/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-65764
MB 240-65764/23-A	Method Blank	T	Solid	8270C/DoD	240-65764
240-17422-4	073SS-0001M-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-5	073SS-0002M-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-6	073SS-0003M-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-6MS	Matrix Spike	T	Solid	8270C/DoD	240-65764
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-65764
240-17422-8	073SS-0005M-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-9	068SD-0009-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-9MS	Matrix Spike	T	Solid	8270C/DoD	240-65764
240-17422-9MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-65764
240-17422-10	068SD-00010-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-11	068SD-00011-0001-SO	T	Solid	8270C/DoD	240-65764
240-17422-12	068SD-00012-0001-SO	T	Solid	8270C/DoD	240-65764

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-64779					
LCS 240-64779/14-A	Lab Control Sample	T	Water	3520C	
MB 240-64779/13-A	Method Blank	T	Water	3520C	
240-17422-13	076SW-0013-0001-SW	T	Water	3520C	
240-17422-13MS	Matrix Spike	T	Water	3520C	
240-17422-13MSD	Matrix Spike Duplicate	T	Water	3520C	
240-17422-14	076SW-0014-0001-SW	T	Water	3520C	
240-17422-15	076SW-0015-0001-SW	T	Water	3520C	
Prep Batch: 240-65056					
240-17422-2	076SS-0020M-0001-SO	T	Solid	Increment, Prep	
240-17422-2MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17422-3	076SS-0021M-0001-SO	T	Solid	Increment, Prep	
240-17422-5	073SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17422-6	073SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17422-6MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17422-9	068SD-0009-0001-SO	T	Solid	Increment, Prep	
240-17422-9MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-9MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17422-10	068SD-00010-0001-SO	T	Solid	Increment, Prep	
240-17422-11	068SD-00011-0001-SO	T	Solid	Increment, Prep	
240-17422-12	068SD-00012-0001-SO	T	Solid	Increment, Prep	
Analysis Batch:240-65363					
LCS 240-64779/14-A	Lab Control Sample	T	Water	8082/DOD	240-64779
MB 240-64779/13-A	Method Blank	T	Water	8082/DOD	240-64779
240-17422-13	076SW-0013-0001-SW	T	Water	8082/DOD	240-64779
240-17422-13MS	Matrix Spike	T	Water	8082/DOD	240-64779
240-17422-13MSD	Matrix Spike Duplicate	T	Water	8082/DOD	240-64779
240-17422-14	076SW-0014-0001-SW	T	Water	8082/DOD	240-64779
240-17422-15	076SW-0015-0001-SW	T	Water	8082/DOD	240-64779

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-65499					
LCS 240-65499/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-65499/23-A	Method Blank	T	Solid	3540C	
240-17422-2	076SS-0020M-0001-SO	T	Solid	3540C	240-65056
240-17422-2MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-3	076SS-0021M-0001-SO	T	Solid	3540C	240-65056
240-17422-5	073SS-0002M-0001-SO	T	Solid	3540C	240-65056
240-17422-6	073SS-0003M-0001-SO	T	Solid	3540C	240-65056
240-17422-6MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-9	068SD-0009-0001-SO	T	Solid	3540C	240-65056
240-17422-9MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-9MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-10	068SD-00010-0001-SO	T	Solid	3540C	240-65056
240-17422-11	068SD-00011-0001-SO	T	Solid	3540C	240-65056
240-17422-12	068SD-00012-0001-SO	T	Solid	3540C	240-65056
Prep Batch: 240-65501					
LCS 240-65501/10-A	Lab Control Sample	T	Solid	3540C	
MB 240-65501/9-A	Method Blank	T	Solid	3540C	
240-17422-2	076SS-0020M-0001-SO	T	Solid	3540C	240-65056
240-17422-2MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056
240-17422-3	076SS-0021M-0001-SO	T	Solid	3540C	240-65056
240-17422-5	073SS-0002M-0001-SO	T	Solid	3540C	240-65056
240-17422-6	073SS-0003M-0001-SO	T	Solid	3540C	240-65056
240-17422-6MS	Matrix Spike	T	Solid	3540C	240-65056
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65056

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-65860					
LCS 240-65499/24-A	Lab Control Sample	T	Solid	8082/DOD	240-65499
MB 240-65499/23-A	Method Blank	T	Solid	8082/DOD	240-65499
240-17422-2	076SS-0020M-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-2MS	Matrix Spike	T	Solid	8082/DOD	240-65499
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-65499
240-17422-3	076SS-0021M-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-5	073SS-0002M-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-6	073SS-0003M-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-6MS	Matrix Spike	T	Solid	8082/DOD	240-65499
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-65499
240-17422-9	068SD-0009-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-9MS	Matrix Spike	T	Solid	8082/DOD	240-65499
240-17422-9MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-65499
240-17422-10	068SD-00010-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-11	068SD-00011-0001-SO	T	Solid	8082/DOD	240-65499
240-17422-12	068SD-00012-0001-SO	T	Solid	8082/DOD	240-65499
Analysis Batch:240-66500					
LCS 240-65501/10-A	Lab Control Sample	T	Solid	8081/DOD	240-65501
MB 240-65501/9-A	Method Blank	T	Solid	8081/DOD	240-65501
240-17422-2	076SS-0020M-0001-SO	T	Solid	8081/DOD	240-65501
240-17422-2MS	Matrix Spike	T	Solid	8081/DOD	240-65501
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8081/DOD	240-65501
240-17422-3	076SS-0021M-0001-SO	T	Solid	8081/DOD	240-65501
240-17422-5	073SS-0002M-0001-SO	T	Solid	8081/DOD	240-65501
240-17422-6	073SS-0003M-0001-SO	T	Solid	8081/DOD	240-65501
240-17422-6MS	Matrix Spike	T	Solid	8081/DOD	240-65501
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8081/DOD	240-65501

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-65056					
240-17422-1	076SS-0019M-0001-SO	T	Solid	Increment, Prep	
240-17422-2	076SS-0020M-0001-SO	T	Solid	Increment, Prep	
240-17422-2DU	Duplicate	T	Solid	Increment, Prep	
240-17422-2MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-3	076SS-0021M-0001-SO	T	Solid	Increment, Prep	
240-17422-4	073SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17422-5	073SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17422-6	073SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17422-6DU	Duplicate	T	Solid	Increment, Prep	
240-17422-6MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-8	073SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17422-9	068SD-0009-0001-SO	T	Solid	Increment, Prep	
240-17422-9DU	Duplicate	T	Solid	Increment, Prep	
240-17422-9MS	Matrix Spike	T	Solid	Increment, Prep	
240-17422-10	068SD-00010-0001-SO	T	Solid	Increment, Prep	
240-17422-11	068SD-00011-0001-SO	T	Solid	Increment, Prep	
240-17422-12	068SD-00012-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-65198					
LCS 240-65198/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-65198/1-A	Method Blank	T	Solid	3050B	
240-17422-1	076SS-0019M-0001-SO	T	Solid	3050B	240-65056
240-17422-2	076SS-0020M-0001-SO	T	Solid	3050B	240-65056
240-17422-2DU	Duplicate	T	Solid	3050B	240-65056
240-17422-2MS	Matrix Spike	T	Solid	3050B	240-65056
240-17422-3	076SS-0021M-0001-SO	T	Solid	3050B	240-65056
240-17422-4	073SS-0001M-0001-SO	T	Solid	3050B	240-65056
240-17422-5	073SS-0002M-0001-SO	T	Solid	3050B	240-65056
240-17422-6	073SS-0003M-0001-SO	T	Solid	3050B	240-65056
240-17422-6DU	Duplicate	T	Solid	3050B	240-65056
240-17422-6MS	Matrix Spike	T	Solid	3050B	240-65056
240-17422-8	073SS-0005M-0001-SO	T	Solid	3050B	240-65056
240-17422-9	068SD-0009-0001-SO	T	Solid	3050B	240-65056
240-17422-9DU	Duplicate	T	Solid	3050B	240-65056
240-17422-9MS	Matrix Spike	T	Solid	3050B	240-65056
240-17422-10	068SD-00010-0001-SO	T	Solid	3050B	240-65056
240-17422-11	068SD-00011-0001-SO	T	Solid	3050B	240-65056
240-17422-12	068SD-00012-0001-SO	T	Solid	3050B	240-65056

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-65204					
LCS 240-65204/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-65204/1-A	Method Blank	T	Solid	7471A	
240-17422-1	076SS-0019M-0001-SO	T	Solid	7471A	240-65056
240-17422-2	076SS-0020M-0001-SO	T	Solid	7471A	240-65056
240-17422-2DU	Duplicate	T	Solid	7471A	240-65056
240-17422-2MS	Matrix Spike	T	Solid	7471A	240-65056
240-17422-3	076SS-0021M-0001-SO	T	Solid	7471A	240-65056
240-17422-4	073SS-0001M-0001-SO	T	Solid	7471A	240-65056
240-17422-5	073SS-0002M-0001-SO	T	Solid	7471A	240-65056
240-17422-6	073SS-0003M-0001-SO	T	Solid	7471A	240-65056
240-17422-6DU	Duplicate	T	Solid	7471A	240-65056
240-17422-6MS	Matrix Spike	T	Solid	7471A	240-65056
240-17422-8	073SS-0005M-0001-SO	T	Solid	7471A	240-65056
240-17422-9	068SD-0009-0001-SO	T	Solid	7471A	240-65056
240-17422-9DU	Duplicate	T	Solid	7471A	240-65056
240-17422-9MS	Matrix Spike	T	Solid	7471A	240-65056
240-17422-10	068SD-00010-0001-SO	T	Solid	7471A	240-65056
240-17422-11	068SD-00011-0001-SO	T	Solid	7471A	240-65056
240-17422-12	068SD-00012-0001-SO	T	Solid	7471A	240-65056
Prep Batch: 240-65311					
LCS 240-65311/2-A	Lab Control Sample	R	Water	3005A	
MB 240-65311/1-A	Method Blank	R	Water	3005A	
240-17422-13	076SW-0013-0001-SW	R	Water	3005A	
240-17422-13DU	Duplicate	R	Water	3005A	
240-17422-13MS	Matrix Spike	R	Water	3005A	
240-17422-14	076SW-0014-0001-SW	R	Water	3005A	
240-17422-15	076SW-0015-0001-SW	R	Water	3005A	

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-65450					
LCS 240-65204/2-A	Lab Control Sample	T	Solid	7471/DOD	240-65204
MB 240-65204/1-A	Method Blank	T	Solid	7471/DOD	240-65204
240-17422-1	076SS-0019M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-2	076SS-0020M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-2DU	Duplicate	T	Solid	7471/DOD	240-65204
240-17422-2MS	Matrix Spike	T	Solid	7471/DOD	240-65204
240-17422-3	076SS-0021M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-4	073SS-0001M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-5	073SS-0002M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-6	073SS-0003M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-6DU	Duplicate	T	Solid	7471/DOD	240-65204
240-17422-6MS	Matrix Spike	T	Solid	7471/DOD	240-65204
240-17422-8	073SS-0005M-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-9	068SD-0009-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-9DU	Duplicate	T	Solid	7471/DOD	240-65204
240-17422-9MS	Matrix Spike	T	Solid	7471/DOD	240-65204
240-17422-10	068SD-00010-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-11	068SD-00011-0001-SO	T	Solid	7471/DOD	240-65204
240-17422-12	068SD-00012-0001-SO	T	Solid	7471/DOD	240-65204
Analysis Batch:240-66205					
LCS 240-65198/2-A	Lab Control Sample	T	Solid	6020/DOD	240-65198
MB 240-65198/1-A	Method Blank	T	Solid	6020/DOD	240-65198
240-17422-1	076SS-0019M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-2	076SS-0020M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-2DU	Duplicate	T	Solid	6020/DOD	240-65198
240-17422-2MS	Matrix Spike	T	Solid	6020/DOD	240-65198
240-17422-3	076SS-0021M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-4	073SS-0001M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-5	073SS-0002M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-6	073SS-0003M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-6DU	Duplicate	T	Solid	6020/DOD	240-65198
240-17422-6MS	Matrix Spike	T	Solid	6020/DOD	240-65198
240-17422-8	073SS-0005M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-9	068SD-0009-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-9DU	Duplicate	T	Solid	6020/DOD	240-65198
240-17422-9MS	Matrix Spike	T	Solid	6020/DOD	240-65198
240-17422-10	068SD-00010-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-11	068SD-00011-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-12	068SD-00012-0001-SO	T	Solid	6020/DOD	240-65198

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-66219					
240-17422-13	076SW-0013-0001-SW	T	Water	7470A	
240-17422-13DU	Duplicate	T	Water	7470A	
240-17422-13MS	Matrix Spike	T	Water	7470A	
240-17422-14	076SW-0014-0001-SW	T	Water	7470A	
240-17422-15	076SW-0015-0001-SW	T	Water	7470A	
Analysis Batch:240-66485					
240-17422-13	076SW-0013-0001-SW	T	Water	7470A/DOD	240-66219
240-17422-13DU	Duplicate	T	Water	7470A/DOD	240-66219
240-17422-13MS	Matrix Spike	T	Water	7470A/DOD	240-66219
240-17422-14	076SW-0014-0001-SW	T	Water	7470A/DOD	240-66219
240-17422-15	076SW-0015-0001-SW	T	Water	7470A/DOD	240-66219
Analysis Batch:240-66869					
240-17422-4	073SS-0001M-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-9	068SD-0009-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-9DU	Duplicate	T	Solid	6020/DOD	240-65198
240-17422-9MS	Matrix Spike	T	Solid	6020/DOD	240-65198
240-17422-10	068SD-00010-0001-SO	T	Solid	6020/DOD	240-65198
Analysis Batch:240-67023					
240-17422-9	068SD-0009-0001-SO	T	Solid	6020/DOD	240-65198
240-17422-9DU	Duplicate	T	Solid	6020/DOD	240-65198
240-17422-9MS	Matrix Spike	T	Solid	6020/DOD	240-65198
Analysis Batch:240-68088					
LCS 240-65311/2-A	Lab Control Sample	R	Water	6020/DOD	240-65311
MB 240-65311/1-A	Method Blank	R	Water	6020/DOD	240-65311
240-17422-13	076SW-0013-0001-SW	R	Water	6020/DOD	240-65311
240-17422-13DU	Duplicate	R	Water	6020/DOD	240-65311
240-17422-13MS	Matrix Spike	R	Water	6020/DOD	240-65311
240-17422-14	076SW-0014-0001-SW	R	Water	6020/DOD	240-65311
240-17422-15	076SW-0015-0001-SW	R	Water	6020/DOD	240-65311

Report Basis

R = Total Recoverable

T = Total

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 320-6824					
LCS 320-6800/2-B	Lab Control Sample	T	Solid	353 (NCell-Hyd)	
MB 320-6800/1-B	Method Blank	T	Solid	353 (NCell-Hyd)	
240-17422-2	076SS-0020M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17422-2MS	Matrix Spike	T	Solid	353 (NCell-Hyd)	
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	353 (NCell-Hyd)	
240-17422-3	076SS-0021M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17422-5	073SS-0002M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17422-6	073SS-0003M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17422-6MS	Matrix Spike	T	Solid	353 (NCell-Hyd)	
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	353 (NCell-Hyd)	
Analysis Batch:320-6863					
LCS 320-6800/2-B	Lab Control Sample	T	Solid	WS-WC-0050	320-6824
MB 320-6800/1-B	Method Blank	T	Solid	WS-WC-0050	320-6824
240-17422-2	076SS-0020M-0001-SO	T	Solid	WS-WC-0050	320-6824
240-17422-2MS	Matrix Spike	T	Solid	WS-WC-0050	320-6824
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	WS-WC-0050	320-6824
240-17422-3	076SS-0021M-0001-SO	T	Solid	WS-WC-0050	320-6824
240-17422-5	073SS-0002M-0001-SO	T	Solid	WS-WC-0050	320-6824
240-17422-6	073SS-0003M-0001-SO	T	Solid	WS-WC-0050	320-6824
240-17422-6MS	Matrix Spike	T	Solid	WS-WC-0050	320-6824
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	WS-WC-0050	320-6824
Analysis Batch:240-65100					
240-17422-1	076SS-0019M-0001-SO	T	Solid	Moisture	
240-17422-2	076SS-0020M-0001-SO	T	Solid	Moisture	
240-17422-2DU	Duplicate	T	Solid	Moisture	
240-17422-3	076SS-0021M-0001-SO	T	Solid	Moisture	
240-17422-5	073SS-0002M-0001-SO	T	Solid	Moisture	
240-17422-6	073SS-0003M-0001-SO	T	Solid	Moisture	
240-17422-6DU	Duplicate	T	Solid	Moisture	
Analysis Batch:240-65747					
240-17422-4	073SS-0001M-0001-SO	T	Solid	Moisture	
240-17422-8	073SS-0005M-0001-SO	T	Solid	Moisture	
240-17422-9	068SD-0009-0001-SO	T	Solid	Moisture	
240-17422-9DU	Duplicate	T	Solid	Moisture	
240-17422-10	068SD-00010-0001-SO	T	Solid	Moisture	
240-17422-11	068SD-00011-0001-SO	T	Solid	Moisture	
240-17422-12	068SD-00012-0001-SO	T	Solid	Moisture	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Prep Batch: 320-6026					
LCS 320-6026/2-A	Lab Control Sample	T	Solid	8330B	
MB 320-6026/1-A	Method Blank	T	Solid	8330B	
240-17422-2	076SS-0020M-0001-SO	T	Solid	8330B	
240-17422-2MS	Matrix Spike	T	Solid	8330B	
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8330B	
240-17422-3	076SS-0021M-0001-SO	T	Solid	8330B	
240-17422-5	073SS-0002M-0001-SO	T	Solid	8330B	
240-17422-6	073SS-0003M-0001-SO	T	Solid	8330B	
240-17422-6MS	Matrix Spike	T	Solid	8330B	
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8330B	
Prep Batch: 320-6035					
LCS 320-6035/2-A	Lab Control Sample	T	Solid	Sieve/Ultrasoni	
MB 320-6035/1-A	Method Blank	T	Solid	Sieve/Ultrasoni	
240-17422-2	076SS-0020M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17422-2MS	Matrix Spike	T	Solid	Sieve/Ultrasoni	
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	Sieve/Ultrasoni	
240-17422-3	076SS-0021M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17422-5	073SS-0002M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17422-6	073SS-0003M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17422-6MS	Matrix Spike	T	Solid	Sieve/Ultrasoni	
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	Sieve/Ultrasoni	
Analysis Batch:320-6177					
LCS 320-6026/2-A	Lab Control Sample	T	Solid	8330B	320-6026
MB 320-6026/1-A	Method Blank	T	Solid	8330B	320-6026
240-17422-2	076SS-0020M-0001-SO	T	Solid	8330B	320-6026
240-17422-2MS	Matrix Spike	T	Solid	8330B	320-6026
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8330B	320-6026
240-17422-3	076SS-0021M-0001-SO	T	Solid	8330B	320-6026
240-17422-5	073SS-0002M-0001-SO	T	Solid	8330B	320-6026
240-17422-6	073SS-0003M-0001-SO	T	Solid	8330B	320-6026
240-17422-6MS	Matrix Spike	T	Solid	8330B	320-6026
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8330B	320-6026
Analysis Batch:320-6234					
MB 320-6026/1-A	Method Blank	T	Solid	8330B	320-6026
240-17422-2	076SS-0020M-0001-SO	T	Solid	8330B	320-6026
240-17422-3	076SS-0021M-0001-SO	T	Solid	8330B	320-6026
240-17422-5	073SS-0002M-0001-SO	T	Solid	8330B	320-6026
240-17422-6	073SS-0003M-0001-SO	T	Solid	8330B	320-6026

Client: Environmental Chemical Corp. Job Number: 240-17422-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Analysis Batch:320-6340					
LCS 320-6035/2-A	Lab Control Sample	T	Solid	8330 Modified	320-6035
MB 320-6035/1-A	Method Blank	T	Solid	8330 Modified	320-6035
240-17422-2	076SS-0020M-0001-SO	T	Solid	8330 Modified	320-6035
240-17422-2MS	Matrix Spike	T	Solid	8330 Modified	320-6035
240-17422-2MSD	Matrix Spike Duplicate	T	Solid	8330 Modified	320-6035
240-17422-3	076SS-0021M-0001-SO	T	Solid	8330 Modified	320-6035
240-17422-5	073SS-0002M-0001-SO	T	Solid	8330 Modified	320-6035
240-17422-6	073SS-0003M-0001-SO	T	Solid	8330 Modified	320-6035
240-17422-6MS	Matrix Spike	T	Solid	8330 Modified	320-6035
240-17422-6MSD	Matrix Spike Duplicate	T	Solid	8330 Modified	320-6035

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-1 **Client ID: 076SS-0019M-0001-SO**

Sample Date/Time: 11/07/2012 15:25 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-B-1-A		240-64980	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-B-1-A		240-64980	240-64955	11/14/2012 21:12	1	TAL NC	SM
P:3540C	240-17422-A-1-E		240-66051	240-65503	11/18/2012 11:34	4	TAL NC	AC
A:8270C/DoD	240-17422-A-1-E		240-66051	240-65503	11/23/2012 13:25	4	TAL NC	JG
P:3050B	240-17422-A-1-C		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-1-C		240-66205	240-65198	11/23/2012 16:23	1	TAL NC	NJT
P:7471A	240-17422-A-1-D		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-1-D		240-65450	240-65204	11/16/2012 19:14	1	TAL NC	DH
A:Moisture	240-17422-D-1		240-65100		11/15/2012 09:01	1	TAL NC	LG

Lab ID: 240-17422-2 **Client ID: 076SS-0020M-0001-SO**

Sample Date/Time: 11/07/2012 15:50 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-E-2-A		240-65171	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-E-2-A		240-65171	240-64955	11/15/2012 15:13	1	TAL NC	TL
P:3540C	240-17422-A-2-T		240-66051	240-65503	11/18/2012 11:34	1	TAL NC	AC
A:8270C/DoD	240-17422-A-2-T		240-66051	240-65503	11/23/2012 12:15	1	TAL NC	JG
P:3540C	240-17422-A-2-Q		240-66500	240-65501	11/18/2012 11:23	5	TAL NC	AC
A:8081/DOD	240-17422-A-2-Q		240-66500	240-65501	11/28/2012 10:32	5	TAL NC	CV
P:3540C	240-17422-A-2-N		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-2-N		240-65860	240-65499	11/21/2012 10:11	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-P-2-G		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-P-2-G		320-6340	320-6035	11/26/2012 17:02	1	TAL WSC	RN
P:8330B	240-17422-P-2-D		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-P-2-D		320-6177	320-6026	11/21/2012 11:11	1	TAL WSC	RN
P:8330B	240-17422-P-2-D		320-6234	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-P-2-D		320-6234	320-6026	11/22/2012 07:05	1	TAL WSC	RN
P:3050B	240-17422-A-2-E		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-2-E		240-66205	240-65198	11/23/2012 15:22	1	TAL NC	NJT
P:7471A	240-17422-A-2-H		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-2-H		240-65450	240-65204	11/16/2012 19:04	1	TAL NC	DH
A:Moisture	240-17422-J-2		240-65100		11/15/2012 09:01	1	TAL NC	LG
P:353 (NCell-Hyd)	240-17422-O-2-B		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-O-2-B		320-6863	320-6824	12/04/2012 14:16	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-2 **Client ID:** 076SS-0020M-0001-SO

Sample Date/Time: 11/07/2012 15:50 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-G-2-A MS		240-65171	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-G-2-A MS		240-65171	240-64955	11/15/2012 15:34	1	TAL NC	TL
P:3540C	240-17422-A-2-U MS		240-66051	240-65503	11/18/2012 11:34	1	TAL NC	AC
A:8270C/DoD	240-17422-A-2-U MS		240-66051	240-65503	11/23/2012 12:38	1	TAL NC	JG
P:3540C	240-17422-A-2-R MS		240-66500	240-65501	11/18/2012 11:23	5	TAL NC	AC
A:8081/DOD	240-17422-A-2-R MS		240-66500	240-65501	11/28/2012 11:00	5	TAL NC	CV
P:3540C	240-17422-A-2-O MS		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-2-O MS		240-65860	240-65499	11/21/2012 10:26	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-P-2-H MS		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-P-2-H MS		320-6340	320-6035	11/26/2012 17:31	1	TAL WSC	RN
P:8330B	240-17422-P-2-E MS		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-P-2-E MS		320-6177	320-6026	11/21/2012 12:33	1	TAL WSC	RN
P:3050B	240-17422-A-2-G MS		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-2-G MS		240-66205	240-65198	11/23/2012 15:37	1	TAL NC	NJT
P:7471A	240-17422-A-2-J MS		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-2-J MS		240-65450	240-65204	11/16/2012 19:07	1	TAL NC	DH
P:353 (NCell-Hyd)	240-17422-A-2-Y MS		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-A-2-Y MS		320-6863	320-6824	12/04/2012 14:18	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-2 **Client ID: 076SS-0020M-0001-SO**

Sample Date/Time: 11/07/2012 15:50 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-I-2-A MSD		240-65171	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-I-2-A MSD		240-65171	240-64955	11/15/2012 15:56	1	TAL NC	TL
P:3540C	240-17422-A-2-V MSD		240-66051	240-65503	11/18/2012 11:34	1	TAL NC	AC
A:8270C/DoD	240-17422-A-2-V MSD		240-66051	240-65503	11/23/2012 13:01	1	TAL NC	JG
P:3540C	240-17422-A-2-S MSD		240-66500	240-65501	11/18/2012 11:23	5	TAL NC	AC
A:8081/DOD	240-17422-A-2-S MSD		240-66500	240-65501	11/28/2012 11:28	5	TAL NC	CV
P:3540C	240-17422-A-2-P MSD		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-2-P MSD		240-65860	240-65499	11/21/2012 10:40	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-P-2-I MSD		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-P-2-I MSD		320-6340	320-6035	11/26/2012 17:45	1	TAL WSC	RN
P:8330B	240-17422-P-2-F MSD		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-P-2-F MSD		320-6177	320-6026	11/21/2012 13:14	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-17422-A-2-Z MSD		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-A-2-Z MSD		320-6863	320-6824	12/04/2012 14:20	1	TAL WSC	JB

Lab ID: 240-17422-2 **Client ID: 076SS-0020M-0001-SO**

Sample Date/Time: 11/07/2012 15:50 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17422-A-2-L DU		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-2-L DU		240-66205	240-65198	11/23/2012 15:32	1	TAL NC	NJT
P:7471A	240-17422-A-2-M DU		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-2-M DU		240-65450	240-65204	11/16/2012 19:05	1	TAL NC	DH
A:Moisture	240-17422-J-2 DU		240-65100		11/15/2012 09:01	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-2 SD **Client ID: 076SS-0020M-0001-SO**

Sample Date/Time: 11/07/2012 15:50 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17422-A-2-E SD ^5		240-66205	240-65198	11/15/2012 12:19	5	TAL NC	SG
A:6020/DOD	240-17422-A-2-E SD ^5		240-66205	240-65198	11/23/2012 15:27	5	TAL NC	NJT
P:3050B	240-17422-A-2-E PDS		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-2-E PDS		240-66205	240-65198	11/23/2012 15:44	1	TAL NC	NJT

Lab ID: 240-17422-3 **Client ID: 076SS-0021M-0001-SO**

Sample Date/Time: 11/07/2012 15:50 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-B-3-A		240-64980	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-B-3-A		240-64980	240-64955	11/14/2012 22:38	1	TAL NC	SM
P:3540C	240-17422-A-3-G		240-66051	240-65503	11/18/2012 11:34	1	TAL NC	AC
A:8270C/DoD	240-17422-A-3-G		240-66051	240-65503	11/23/2012 13:48	1	TAL NC	JG
P:3540C	240-17422-A-3-F		240-66500	240-65501	11/18/2012 11:23	1	TAL NC	AC
A:8081/DOD	240-17422-A-3-F		240-66500	240-65501	11/28/2012 11:56	1	TAL NC	CV
P:3540C	240-17422-A-3-E		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-3-E		240-65860	240-65499	11/21/2012 11:25	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-F-3-C		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-F-3-C		320-6340	320-6035	11/26/2012 18:00	1	TAL WSC	RN
P:8330B	240-17422-F-3-B		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-F-3-B		320-6177	320-6026	11/21/2012 13:54	1	TAL WSC	RN
P:8330B	240-17422-F-3-B		320-6234	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-F-3-B		320-6234	320-6026	11/22/2012 08:11	1	TAL WSC	RN
P:3050B	240-17422-A-3-C		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-3-C		240-66205	240-65198	11/23/2012 16:28	1	TAL NC	NJT
P:7471A	240-17422-A-3-D		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-3-D		240-65450	240-65204	11/16/2012 19:15	1	TAL NC	DH
A:Moisture	240-17422-D-3		240-65100		11/15/2012 09:01	1	TAL NC	LG
P:353 (NCell-Hyd)	240-17422-F-3-H		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-F-3-H		320-6863	320-6824	12/04/2012 14:30	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-4 **Client ID: 073SS-0001M-0001-SO**

Sample Date/Time: 11/08/2012 09:15 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-4-D		240-66246	240-65764	11/20/2012 11:32	4	TAL NC	AC
A:8270C/DoD	240-17422-A-4-D		240-66246	240-65764	11/26/2012 14:45	4	TAL NC	JG
P:3050B	240-17422-A-4-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-4-B		240-66205	240-65198	11/23/2012 16:33	1	TAL NC	NJT
P:3050B	240-17422-A-4-B ^5		240-66869	240-65198	11/15/2012 12:19	5	TAL NC	SG
A:6020/DOD	240-17422-A-4-B ^5		240-66869	240-65198	11/30/2012 05:50	5	TAL NC	NJT
P:7471A	240-17422-A-4-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-4-C		240-65450	240-65204	11/16/2012 19:16	1	TAL NC	DH
A:Moisture	240-17422-A-4		240-65747		11/20/2012 10:47	1	TAL NC	TH

Lab ID: 240-17422-5 **Client ID: 073SS-0002M-0001-SO**

Sample Date/Time: 11/08/2012 11:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-B-5-A		240-64980	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-B-5-A		240-64980	240-64955	11/14/2012 22:59	1	TAL NC	SM
P:3540C	240-17422-A-5-G		240-66246	240-65764	11/20/2012 11:32	4	TAL NC	AC
A:8270C/DoD	240-17422-A-5-G		240-66246	240-65764	11/26/2012 15:08	4	TAL NC	JG
P:3540C	240-17422-A-5-F		240-66500	240-65501	11/18/2012 11:23	20	TAL NC	AC
A:8081/DOD	240-17422-A-5-F		240-66500	240-65501	11/28/2012 12:24	20	TAL NC	CV
P:3540C	240-17422-A-5-E		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-5-E		240-65860	240-65499	11/21/2012 11:40	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-F-5-C		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-F-5-C		320-6340	320-6035	11/26/2012 18:14	1	TAL WSC	RN
P:8330B	240-17422-F-5-B		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-F-5-B		320-6177	320-6026	11/21/2012 14:34	1	TAL WSC	RN
P:8330B	240-17422-F-5-B		320-6234	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17422-F-5-B		320-6234	320-6026	11/22/2012 09:16	1	TAL WSC	RN
P:3050B	240-17422-A-5-C		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-5-C		240-66205	240-65198	11/23/2012 16:38	1	TAL NC	NJT
P:7471A	240-17422-A-5-D		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-5-D		240-65450	240-65204	11/16/2012 19:21	1	TAL NC	DH
A:Moisture	240-17422-D-5		240-65100		11/15/2012 09:01	1	TAL NC	LG
P:353 (NCell-Hyd)	240-17422-F-5-H		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-F-5-H		320-6863	320-6824	12/04/2012 14:32	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-6 **Client ID:** 073SS-0003M-0001-SO

Sample Date/Time: 11/08/2012 11:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-D-6-A		240-65171	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-D-6-A		240-65171	240-64955	11/15/2012 16:39	1	TAL NC	TL
P:3540C	240-17422-A-6-T		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-6-T		240-66246	240-65764	11/26/2012 12:02	1	TAL NC	JG
P:3540C	240-17422-A-6-Q		240-66500	240-65501	11/18/2012 11:23	20	TAL NC	AC
A:8081/DOD	240-17422-A-6-Q		240-66500	240-65501	11/28/2012 12:48	20	TAL NC	CV
P:3540C	240-17422-A-6-N		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-6-N		240-65860	240-65499	11/21/2012 11:55	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-P-6-G		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-P-6-G		320-6340	320-6035	11/26/2012 18:28	1	TAL WSC	RN
P:8330B	240-17422-P-6-D		320-6177	320-6026	11/16/2012 11:07	1	TAL WSC	TP
A:8330B	240-17422-P-6-D		320-6177	320-6026	11/21/2012 15:15	1	TAL WSC	RN
P:8330B	240-17422-P-6-D		320-6234	320-6026	11/16/2012 11:07	1	TAL WSC	TP
A:8330B	240-17422-P-6-D		320-6234	320-6026	11/22/2012 10:22	1	TAL WSC	RN
P:3050B	240-17422-A-6-E		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-6-E		240-66205	240-65198	11/23/2012 16:43	1	TAL NC	NJT
P:7471A	240-17422-A-6-H		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-6-H		240-65450	240-65204	11/16/2012 19:22	1	TAL NC	DH
A:Moisture	240-17422-K-6		240-65100		11/15/2012 09:01	1	TAL NC	LG
P:353 (NCell-Hyd)	240-17422-O-6-K		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-O-6-K		320-6863	320-6824	12/04/2012 14:34	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-6 **Client ID:** 073SS-0003M-0001-SO

Sample Date/Time: 11/08/2012 11:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-A-6-W MS		240-65171	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-A-6-W MS		240-65171	240-64955	11/15/2012 17:01	1	TAL NC	TL
P:3540C	240-17422-A-6-U MS		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-6-U MS		240-66246	240-65764	11/26/2012 12:26	1	TAL NC	JG
P:3540C	240-17422-A-6-R MS		240-66500	240-65501	11/18/2012 11:23	20	TAL NC	AC
A:8081/DOD	240-17422-A-6-R MS		240-66500	240-65501	11/28/2012 13:16	20	TAL NC	CV
P:3540C	240-17422-A-6-O MS		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-6-O MS		240-65860	240-65499	11/21/2012 12:10	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-P-6-H MS		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-P-6-H MS		320-6340	320-6035	11/26/2012 18:43	1	TAL WSC	RN
P:8330B	240-17422-P-6-E MS		320-6177	320-6026	11/16/2012 11:11	1	TAL WSC	TP
A:8330B	240-17422-P-6-E MS		320-6177	320-6026	11/21/2012 15:55	1	TAL WSC	RN
P:3050B	240-17422-A-6-G MS		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-6-G MS		240-66205	240-65198	11/23/2012 16:53	1	TAL NC	NJT
P:7471A	240-17422-A-6-J MS		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-6-J MS		240-65450	240-65204	11/16/2012 19:26	1	TAL NC	DH
P:353 (NCell-Hyd)	240-17422-A-6-AA MS		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-A-6-AA MS		320-6863	320-6824	12/04/2012 14:36	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: **240-17422-6** **Client ID:** **073SS-0003M-0001-SO**

Sample Date/Time: 11/08/2012 11:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17422-A-6-X MSD		240-65171	240-64955	11/09/2012 10:00	1	TAL NC	LM
A:8260B/DoD	240-17422-A-6-X MSD		240-65171	240-64955	11/15/2012 17:22	1	TAL NC	TL
P:3540C	240-17422-A-6-V MSD		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-6-V MSD		240-66246	240-65764	11/26/2012 12:49	1	TAL NC	JG
P:3540C	240-17422-A-6-S MSD		240-66500	240-65501	11/18/2012 11:23	20	TAL NC	AC
A:8081/DOD	240-17422-A-6-S MSD		240-66500	240-65501	11/28/2012 13:44	20	TAL NC	CV
P:3540C	240-17422-A-6-P MSD		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-6-P MSD		240-65860	240-65499	11/21/2012 12:25	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17422-P-6-I MSD		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17422-P-6-I MSD		320-6340	320-6035	11/26/2012 18:57	1	TAL WSC	RN
P:8330B	240-17422-P-6-F MSD		320-6177	320-6026	11/16/2012 11:11	1	TAL WSC	TP
A:8330B	240-17422-P-6-F MSD		320-6177	320-6026	11/21/2012 16:35	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-17422-A-6-AB MSD		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17422-A-6-AB MSD		320-6863	320-6824	12/04/2012 14:38	1	TAL WSC	JB

Lab ID: **240-17422-6** **Client ID:** **073SS-0003M-0001-SO**

Sample Date/Time: 11/08/2012 11:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17422-A-6-L DU		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-6-L DU		240-66205	240-65198	11/23/2012 16:48	1	TAL NC	NJT
P:7471A	240-17422-A-6-M DU		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-6-M DU		240-65450	240-65204	11/16/2012 19:24	1	TAL NC	DH
A:Moisture	240-17422-J-6 DU		240-65100		11/15/2012 09:01	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-8 **Client ID: 073SS-0005M-0001-SO**

Sample Date/Time: 11/08/2012 10:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-8-D		240-66246	240-65764	11/20/2012 11:32	10	TAL NC	AC
A:8270C/DoD	240-17422-A-8-D		240-66246	240-65764	11/26/2012 15:55	10	TAL NC	JG
P:3050B	240-17422-A-8-B ^10		240-66205	240-65198	11/15/2012 12:19	10	TAL NC	SG
A:6020/DOD	240-17422-A-8-B ^10		240-66205	240-65198	11/23/2012 17:18	10	TAL NC	NJT
P:7471A	240-17422-A-8-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-8-C		240-65450	240-65204	11/16/2012 19:29	1	TAL NC	DH
A:Moisture	240-17422-A-8		240-65747		11/20/2012 10:47	1	TAL NC	TH

Lab ID: 240-17422-9 **Client ID: 068SD-0009-0001-SO**

Sample Date/Time: 11/08/2012 12:35 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-9-P		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-9-P		240-66246	240-65764	11/26/2012 13:12	1	TAL NC	JG
P:3540C	240-17422-A-9-M		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-9-M		240-65860	240-65499	11/21/2012 12:40	1	TAL NC	LH
P:3050B	240-17422-A-9-D		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-9-D		240-66205	240-65198	11/23/2012 17:22	1	TAL NC	NJT
P:3050B	240-17422-A-9-D ^20		240-67023	240-65198	11/15/2012 12:19	20	TAL NC	SG
A:6020/DOD	240-17422-A-9-D ^20		240-67023	240-65198	11/30/2012 12:25	20	TAL NC	NJT
P:7471A	240-17422-A-9-G		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-9-G		240-65450	240-65204	11/16/2012 19:30	1	TAL NC	DH
A:Moisture	240-17422-B-9		240-65747		11/20/2012 10:47	1	TAL NC	TH

Lab ID: 240-17422-9 **Client ID: 068SD-0009-0001-SO**

Sample Date/Time: 11/08/2012 12:35 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-9-Q MS		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-9-Q MS		240-66246	240-65764	11/26/2012 13:35	1	TAL NC	JG
P:3540C	240-17422-A-9-N MS		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-9-N MS		240-65860	240-65499	11/21/2012 12:55	1	TAL NC	LH
P:3050B	240-17422-A-9-F MS		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-9-F MS		240-66205	240-65198	11/23/2012 17:32	1	TAL NC	NJT
P:3050B	240-17422-A-9-F MS ^10		240-67023	240-65198	11/15/2012 12:19	10	TAL NC	SG
A:6020/DOD	240-17422-A-9-F MS ^10		240-67023	240-65198	11/30/2012 12:08	10	TAL NC	NJT
P:7471A	240-17422-A-9-I MS		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-9-I MS		240-65450	240-65204	11/16/2012 19:33	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-9 **Client ID: 068SD-0009-0001-SO**

Sample Date/Time: 11/08/2012 12:35 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-9-R MSD		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-9-R MSD		240-66246	240-65764	11/26/2012 13:58	1	TAL NC	JG
P:3540C	240-17422-A-9-O MSD		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-9-O MSD		240-65860	240-65499	11/21/2012 13:10	1	TAL NC	LH

Lab ID: 240-17422-9 **Client ID: 068SD-0009-0001-SO**

Sample Date/Time: 11/08/2012 12:35 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17422-A-9-K DU		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-9-K DU		240-66205	240-65198	11/23/2012 17:27	1	TAL NC	NJT
P:3050B	240-17422-A-9-K DU ^10		240-67023	240-65198	11/15/2012 12:19	10	TAL NC	SG
A:6020/DOD	240-17422-A-9-K DU ^10		240-67023	240-65198	11/30/2012 12:02	10	TAL NC	NJT
P:7471A	240-17422-A-9-L DU		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-9-L DU		240-65450	240-65204	11/16/2012 19:32	1	TAL NC	DH
A:Moisture	240-17422-A-9 DU		240-65747		11/20/2012 10:47	1	TAL NC	TH

Lab ID: 240-17422-10 **Client ID: 068SD-00010-0001-SO**

Sample Date/Time: 11/08/2012 12:35 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-10-E		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-10-E		240-66246	240-65764	11/26/2012 14:22	1	TAL NC	JG
P:3540C	240-17422-A-10-D		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-10-D		240-65860	240-65499	11/21/2012 13:40	1	TAL NC	LH
P:3050B	240-17422-A-10-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-10-B		240-66205	240-65198	11/23/2012 17:39	1	TAL NC	NJT
P:3050B	240-17422-A-10-B ^5		240-66869	240-65198	11/15/2012 12:19	5	TAL NC	SG
A:6020/DOD	240-17422-A-10-B ^5		240-66869	240-65198	11/30/2012 06:12	5	TAL NC	NJT
P:7471A	240-17422-A-10-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-10-C		240-65450	240-65204	11/16/2012 19:35	1	TAL NC	DH
A:Moisture	240-17422-A-10		240-65747		11/20/2012 10:47	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-11 **Client ID: 068SD-00011-0001-SO**

Sample Date/Time: 11/08/2012 12:42 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-11-E		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-11-E		240-66246	240-65764	11/26/2012 16:18	1	TAL NC	JG
P:3540C	240-17422-A-11-D		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-11-D		240-65860	240-65499	11/21/2012 13:55	1	TAL NC	LH
P:3050B	240-17422-A-11-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-11-B		240-66205	240-65198	11/23/2012 17:44	1	TAL NC	NJT
P:7471A	240-17422-A-11-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-11-C		240-65450	240-65204	11/16/2012 19:40	1	TAL NC	DH
A:Moisture	240-17422-A-11		240-65747		11/20/2012 10:47	1	TAL NC	TH

Lab ID: 240-17422-12 **Client ID: 068SD-00012-0001-SO**

Sample Date/Time: 11/08/2012 12:35 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17422-A-12-E		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	240-17422-A-12-E		240-66246	240-65764	11/26/2012 16:41	1	TAL NC	JG
P:3540C	240-17422-A-12-D		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	240-17422-A-12-D		240-65860	240-65499	11/21/2012 14:10	1	TAL NC	LH
P:3050B	240-17422-A-12-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17422-A-12-B		240-66205	240-65198	11/23/2012 17:49	1	TAL NC	NJT
P:7471A	240-17422-A-12-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17422-A-12-C		240-65450	240-65204	11/16/2012 19:41	1	TAL NC	DH
A:Moisture	240-17422-A-12		240-65747		11/20/2012 10:47	1	TAL NC	TH

Lab ID: 240-17422-13 **Client ID: 076SW-0013-0001-SW**

Sample Date/Time: 11/08/2012 14:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3520C	240-17422-E-13-A		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	240-17422-E-13-A		240-65294	240-64920	11/16/2012 11:36	1	TAL NC	MU
P:3520C	240-17422-G-13-A		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	240-17422-G-13-A		240-65363	240-64779	11/18/2012 16:13	1	TAL NC	LH
P:3005A	240-17422-B-13-A		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	240-17422-B-13-A		240-68088	240-65311	12/10/2012 11:06	1	TAL NC	NJT
P:7470A	240-17422-B-13-D		240-66485	240-66219	11/26/2012 15:25	1	TAL NC	SG
A:7470A/DOD	240-17422-B-13-D		240-66485	240-66219	11/27/2012 15:59	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-13 **Client ID: 076SW-0013-0001-SW**

Sample Date/Time: 11/08/2012 14:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3520C	240-17422-H-13-A MS		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	240-17422-H-13-A MS		240-65294	240-64920	11/16/2012 11:55	1	TAL NC	MU
P:3520C	240-17422-I-13-A MS		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	240-17422-I-13-A MS		240-65363	240-64779	11/18/2012 16:28	1	TAL NC	LH
P:3005A	240-17422-B-13-C MS		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	240-17422-B-13-C MS		240-68088	240-65311	12/10/2012 11:23	1	TAL NC	NJT
P:7470A	240-17422-B-13-F MS		240-66485	240-66219	11/26/2012 15:25	1	TAL NC	SG
A:7470A/DOD	240-17422-B-13-F MS		240-66485	240-66219	11/27/2012 16:05	1	TAL NC	DH

Lab ID: 240-17422-13 **Client ID: 076SW-0013-0001-SW**

Sample Date/Time: 11/08/2012 14:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3520C	240-17422-F-13-A MSD		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	240-17422-F-13-A MSD		240-65294	240-64920	11/16/2012 12:14	1	TAL NC	MU
P:3520C	240-17422-D-13-A MSD		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	240-17422-D-13-A MSD		240-65363	240-64779	11/18/2012 16:43	1	TAL NC	LH

Lab ID: 240-17422-13 **Client ID: 076SW-0013-0001-SW**

Sample Date/Time: 11/08/2012 14:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	240-17422-B-13-B DU		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	240-17422-B-13-B DU		240-68088	240-65311	12/10/2012 11:18	1	TAL NC	NJT
P:7470A	240-17422-B-13-E DU		240-66485	240-66219	11/26/2012 15:25	1	TAL NC	SG
A:7470A/DOD	240-17422-B-13-E DU		240-66485	240-66219	11/27/2012 16:01	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: 240-17422-13 SD **Client ID: 076SW-0013-0001-SW**

Sample Date/Time: 11/08/2012 14:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	240-17422-B-13-A SD ^5		240-68088	240-65311	11/16/2012 09:08	5	TAL NC	LM
A:6020/DOD	240-17422-B-13-A SD ^5		240-68088	240-65311	12/10/2012 11:13	5	TAL NC	NJT
P:3005A	240-17422-B-13-A PDS		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	240-17422-B-13-A PDS		240-68088	240-65311	12/10/2012 11:30	1	TAL NC	NJT

Lab ID: 240-17422-14 **Client ID: 076SW-0014-0001-SW**

Sample Date/Time: 11/08/2012 14:30 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3520C	240-17422-B-14-A		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	240-17422-B-14-A		240-65294	240-64920	11/16/2012 12:33	1	TAL NC	MU
P:3520C	240-17422-C-14-A		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	240-17422-C-14-A		240-65363	240-64779	11/18/2012 16:57	1	TAL NC	LH
P:3005A	240-17422-A-14-A		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	240-17422-A-14-A		240-68088	240-65311	12/10/2012 12:09	1	TAL NC	NJT
P:7470A	240-17422-A-14-B		240-66485	240-66219	11/26/2012 15:25	1	TAL NC	SG
A:7470A/DOD	240-17422-A-14-B		240-66485	240-66219	11/27/2012 16:36	1	TAL NC	DH

Lab ID: 240-17422-15 **Client ID: 076SW-0015-0001-SW**

Sample Date/Time: 11/08/2012 15:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3520C	240-17422-C-15-A		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	240-17422-C-15-A		240-65294	240-64920	11/16/2012 12:52	1	TAL NC	MU
P:3520C	240-17422-B-15-A		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	240-17422-B-15-A		240-65363	240-64779	11/18/2012 17:12	1	TAL NC	LH
P:3005A	240-17422-A-15-A		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	240-17422-A-15-A		240-68088	240-65311	12/10/2012 12:14	1	TAL NC	NJT
P:7470A	240-17422-A-15-B		240-66485	240-66219	11/26/2012 15:25	1	TAL NC	SG
A:7470A/DOD	240-17422-A-15-B		240-66485	240-66219	11/27/2012 16:31	1	TAL NC	DH

Lab ID: 240-17422-16 **Client ID: 073SS-0006-0001-TB**

Sample Date/Time: 11/08/2012 08:00 Received Date/Time: 11/08/2012 17:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-17422-B-16		240-64831		11/13/2012 14:20	1	TAL NC	RQ
A:8260B/DoD	240-17422-B-16		240-64831		11/13/2012 14:20	1	TAL NC	RQ

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 240-64831/6		240-64831		11/13/2012 12:55	1	TAL NC	RQ
A:8260B/DoD	MB 240-64831/6		240-64831		11/13/2012 12:55	1	TAL NC	RQ
A:8260B/DoD	MB 240-64980/8		240-64980		11/14/2012 14:23	1	TAL NC	SM
A:8260B/DoD	MB 240-65171/8		240-65171		11/15/2012 13:25	1	TAL NC	TL
P:3520C	MB 240-64920/23-A		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	MB 240-64920/23-A		240-65294	240-64920	11/16/2012 10:21	1	TAL NC	MU
P:3540C	MB 240-65503/22-A		240-66051	240-65503	11/18/2012 11:34	1	TAL NC	AC
A:8270C/DoD	MB 240-65503/22-A		240-66051	240-65503	11/23/2012 11:28	1	TAL NC	JG
P:3540C	MB 240-65764/23-A		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	MB 240-65764/23-A		240-66246	240-65764	11/26/2012 11:16	1	TAL NC	JG
P:3540C	MB 240-65501/9-A		240-66500	240-65501	11/18/2012 11:23	1	TAL NC	AC
A:8081/DOD	MB 240-65501/9-A		240-66500	240-65501	11/28/2012 14:12	1	TAL NC	CV
P:3520C	MB 240-64779/13-A		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	MB 240-64779/13-A		240-65363	240-64779	11/18/2012 17:27	1	TAL NC	LH
P:3540C	MB 240-65499/23-A		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	MB 240-65499/23-A		240-65860	240-65499	11/21/2012 10:55	1	TAL NC	LH
P:Sieve/Ultrasoni	MB 320-6035/1-A		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	MB 320-6035/1-A		320-6340	320-6035	11/26/2012 12:45	1	TAL WSC	RN
P:8330B	MB 320-6026/1-A		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	MB 320-6026/1-A		320-6177	320-6026	11/20/2012 22:21	1	TAL WSC	RN
P:8330B	MB 320-6026/1-A		320-6234	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	MB 320-6026/1-A		320-6234	320-6026	11/21/2012 17:59	1	TAL WSC	RN
P:3050B	MB 240-65198/1-A		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	MB 240-65198/1-A		240-66205	240-65198	11/23/2012 15:10	1	TAL NC	NJT
P:3005A	MB 240-65311/1-A		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	MB 240-65311/1-A		240-68088	240-65311	12/10/2012 10:54	1	TAL NC	NJT
P:7471A	MB 240-65204/1-A		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	MB 240-65204/1-A		240-65450	240-65204	11/16/2012 18:59	1	TAL NC	DH
P:353 (NCell-Hyd)	MB 320-6800/1-B		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	MB 320-6800/1-B		320-6863	320-6824	12/04/2012 14:12	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 240-64831/4		240-64831		11/13/2012 12:10	1	TAL NC	RQ
A:8260B/DoD	LCS 240-64831/4		240-64831		11/13/2012 12:10	1	TAL NC	RQ
A:8260B/DoD	LCS 240-64980/7		240-64980		11/14/2012 14:01	1	TAL NC	SM
A:8260B/DoD	LCS 240-65171/7		240-65171		11/15/2012 13:03	1	TAL NC	TL
P:3520C	LCS 240-64920/24-A		240-65294	240-64920	11/14/2012 08:33	1	TAL NC	SE
A:8270C/DoD	LCS 240-64920/24-A		240-65294	240-64920	11/16/2012 10:40	1	TAL NC	MU
P:3540C	LCS 240-65503/23-A		240-66051	240-65503	11/18/2012 11:34	1	TAL NC	AC
A:8270C/DoD	LCS 240-65503/23-A		240-66051	240-65503	11/23/2012 11:51	1	TAL NC	JG
P:3540C	LCS 240-65764/24-A		240-66246	240-65764	11/20/2012 11:32	1	TAL NC	AC
A:8270C/DoD	LCS 240-65764/24-A		240-66246	240-65764	11/26/2012 11:39	1	TAL NC	JG
P:3540C	LCS 240-65501/10-A		240-66500	240-65501	11/18/2012 11:23	1	TAL NC	AC
A:8081/DOD	LCS 240-65501/10-A		240-66500	240-65501	11/28/2012 10:05	1	TAL NC	CV
P:3520C	LCS 240-64779/14-A		240-65363	240-64779	11/13/2012 09:55	1	TAL NC	SE
A:8082/DOD	LCS 240-64779/14-A		240-65363	240-64779	11/18/2012 19:27	1	TAL NC	LH
P:3540C	LCS 240-65499/24-A		240-65860	240-65499	11/18/2012 11:16	1	TAL NC	AC
A:8082/DOD	LCS 240-65499/24-A		240-65860	240-65499	11/21/2012 14:25	1	TAL NC	LH
P:Sieve/Ultrasoni	LCS 320-6035/2-A		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	LCS 320-6035/2-A		320-6340	320-6035	11/26/2012 12:59	1	TAL WSC	RN
P:8330B	LCS 320-6026/2-A		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	LCS 320-6026/2-A		320-6177	320-6026	11/20/2012 23:02	1	TAL WSC	RN
P:3050B	LCS 240-65198/2-A		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	LCS 240-65198/2-A		240-66205	240-65198	11/23/2012 15:15	1	TAL NC	NJT
P:3005A	LCS 240-65311/2-A		240-68088	240-65311	11/16/2012 09:08	1	TAL NC	LM
A:6020/DOD	LCS 240-65311/2-A		240-68088	240-65311	12/10/2012 10:59	1	TAL NC	NJT
P:7471A	LCS 240-65204/2-A		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	LCS 240-65204/2-A		240-65450	240-65204	11/16/2012 19:00	1	TAL NC	DH
P:353 (NCell-Hyd)	LCS 320-6800/2-B		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	LCS 320-6800/2-B		320-6863	320-6824	12/04/2012 14:14	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17422-1

Laboratory Chronicle

Lab ID: **MRL** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MRL 240-64831/5		240-64831		11/13/2012 12:33	1	TAL NC	RQ
A:8260B/DoD	MRL 240-64831/5		240-64831		11/13/2012 12:33	1	TAL NC	RQ
P:5030B	MRL 240-64831/12		240-64831		11/13/2012 15:27	1	TAL NC	RQ
A:8260B/DoD	MRL 240-64831/12		240-64831		11/13/2012 15:27	1	TAL NC	RQ
A:8260B/DoD	MRL 240-64980/5		240-64980		11/14/2012 13:18	1	TAL NC	SM
A:8260B/DoD	MRL 240-64980/33		240-64980		11/14/2012 23:21	1	TAL NC	SM
A:8260B/DoD	MRL 240-65171/5		240-65171		11/15/2012 12:20	1	TAL NC	TL
A:8260B/DoD	MRL 240-65171/29		240-65171		11/15/2012 21:17	1	TAL NC	TL
A:8270C/DoD	MRL 240-65294/3		240-65294		11/16/2012 10:00	1	TAL NC	MU
A:8270C/DoD	MRL 240-65294/19		240-65294		11/16/2012 15:09	1	TAL NC	MU
A:8270C/DoD	MRL 240-66051/3		240-66051		11/23/2012 10:18	1	TAL NC	JG
A:8270C/DoD	MRL 240-66051/13		240-66051		11/23/2012 14:35	1	TAL NC	JG
A:8270C/DoD	MRL 240-66246/3		240-66246		11/26/2012 10:53	1	TAL NC	JG
A:8270C/DoD	MRL 240-66246/17		240-66246		11/26/2012 17:05	1	TAL NC	JG
A:8081/DOD	MRL 240-66500/18		240-66500		11/28/2012 09:37	1	TAL NC	CV
A:8081/DOD	MRL 240-66500/56		240-66500		11/29/2012 03:03	1	TAL NC	CV
A:8082/DOD	MRL 240-65363/4		240-65363		11/18/2012 14:28	1	TAL NC	LH
A:8082/DOD	MRL 240-65363/26		240-65363		11/18/2012 19:56	1	TAL NC	LH
A:8082/DOD	MRL 240-65860/9		240-65860		11/21/2012 08:14	1	TAL NC	LH
A:8082/DOD	MRL 240-65860/36		240-65860		11/21/2012 14:54	1	TAL NC	LH
A:WS-WC-0050	MRL 320-6863/10		320-6863		12/04/2012 14:02	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-6863/20		320-6863		12/04/2012 14:22	1	TAL WSC	JB

Lab References:

TAL NC = TestAmerica Canton

TAL WSC = TestAmerica West Sacramento

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
EX10PPMSPK_00006	01/25/13	07/25/12	MEOH, Lot 117046	1000 mL	EXPCB1016_00004	2 mL	Aroclor-1016	10 ug/mL
					EXPCB1260_00004	2 mL	Aroclor-1260	10 ug/mL
.EXPCB1016_00004	12/06/15	AccuStandard, Inc., Lot B5120059			(Purchased Reagent)		Aroclor-1016	5000 ug/mL
.EXPCB1260_00004	06/25/13	AccuStandard, Lot B3060258			(Purchased Reagent)		Aroclor-1260	5000 ug/mL
EX2/.2SURRW_00019	04/19/13	10/19/12	MEOH, Lot 123279	2000 mL	EX2/.2SURR_00002	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.EX2/.2SURR_00002	10/01/13	Ultra Scientific, Lot CG-3165			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
EXBNALCS1_00029	06/30/13	10/26/12	MEOH, Lot 123279	200 mL	EXBNALCS_00009	40 mL	1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dinitrobenzene	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	40 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Aniline	20.02 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di(2-ethylhexyl)adipate	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20.02 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
.EXBNALCS_00009	06/30/13		SUPELCO, Lot LB93716		(Purchased Reagent)		1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dinitrobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Aniline	100.1 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di(2-ethylhexyl)adipate	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100.1 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
EXBNALCS1_00030	06/30/13	11/15/12	MEOH, Lot 123279	200 mL	EXBNALCS_00009	40 mL	1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dinitrobenzene	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	40 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Aniline	20.02 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di(2-ethylhexyl)adipate	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20.02 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
.EXBNALCS_00009	06/30/13		SUPELCO, Lot LB93716		(Purchased Reagent)		1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dinitrobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Aniline	100.1 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di(2-ethylhexyl)adipate	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100.1 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
EXBNASURRW_00020	07/31/15	10/26/12	MEOH, Lot 123279	2000 mL	EXBNASURR_00007	400 mL	2,4,6-Tribromophenol (Surr)	30 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	30 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	30 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.EXBNASURR_00007	07/31/15		SUPELCO, Lot lb88729		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	150 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	150 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	150 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
EXPSTNPDESSPW_00011	02/01/13	08/01/12	MEOH, Lot 117046	200 mL	EXPELCSSTOCK_00002	20 mL	4,4'-DDD	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDE	1 ug/mL
							4,4'-DDT	1 ug/mL
							Aldrin	1 ug/mL
							alpha-BHC	1 ug/mL
							alpha-Chlordane	1 ug/mL
							beta-BHC	1 ug/mL
							delta-BHC	1 ug/mL
							Dieldrin	1 ug/mL
							Endosulfan I	1 ug/mL
							Endosulfan II	1 ug/mL
							Endosulfan sulfate	1 ug/mL
							Endrin	1 ug/mL
							Endrin aldehyde	1 ug/mL
							Endrin ketone	1 ug/mL
							gamma-BHC (Lindane)	1 ug/mL
							gamma-Chlordane	1 ug/mL
							Heptachlor	1 ug/mL
							Heptachlor epoxide	1 ug/mL
							Methoxychlor	1 ug/mL
.EXPELCSSTOCK_00002	04/30/13	08/02/11	MEOH, Lot 117046	100 mL	EXPESTSTOCK_00005	1 mL	4,4'-DDD	10 ug/mL
							4,4'-DDE	10 ug/mL
							4,4'-DDT	10 ug/mL
							Aldrin	10 ug/mL
							alpha-BHC	10 ug/mL
							alpha-Chlordane	10 ug/mL
							beta-BHC	10 ug/mL
							delta-BHC	10 ug/mL
							Dieldrin	10 ug/mL
							Endosulfan I	10 ug/mL
							Endosulfan II	10 ug/mL
							Endosulfan sulfate	10 ug/mL
							Endrin	10 ug/mL
							Endrin aldehyde	10 ug/mL
							Endrin ketone	10 ug/mL
							gamma-BHC (Lindane)	10 ug/mL
							gamma-Chlordane	10 ug/mL
							Heptachlor	10 ug/mL
							Heptachlor epoxide	10 ug/mL
							Methoxychlor	10 ug/mL
..EXPESTSTOCK_00005	04/30/13		ULTRA, Lot CH-0689		(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
EXRESTEKSPKW_00016	12/20/12	10/26/12	MEOH, Lot 123279	200 mL	EXBNARESSPK_00006	40 mL	1,1'-Biphenyl	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2-Picoline	20 ug/mL
							Acetophenone	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							Chloroacetophenone	20 ug/mL
							Chlorobenzilate	20 ug/mL
							Ethyl methanesulfonate	20 ug/mL
							Phenacetin	20 ug/mL
							Phorate	20 ug/mL
							Pronamide	20 ug/mL
							Quinoline	20 ug/mL
							Safrole, Total	20 ug/mL
.EXBNARESSPK_00006	12/13/13	Restek, Lot A089172			(Purchased Reagent)		1,1'-Biphenyl	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2-Picoline	100 ug/mL
							Acetophenone	100 ug/mL
							Atrazine	100 ug/mL
							Benzaldehyde	100 ug/mL
							Caprolactam	100 ug/mL
							Chloroacetophenone	100 ug/mL
							Chlorobenzilate	100 ug/mL
							Ethyl methanesulfonate	100 ug/mL
							Phenacetin	100 ug/mL
							Phorate	100 ug/mL
							Pronamide	100 ug/mL
							Quinoline	100 ug/mL
							Safrole, Total	100 ug/mL
MT1TO1HN03_00376	11/15/12	11/15/12	DIWATER, Lot DI WATER	1000 mL	MTHNO3_00036	500 mL	Nitric acid	0.5 mL/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00392	11/15/12	11/15/12	NA, Lot NA	320 mL	MTHCL_00047	240 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00036	80 mL	Nitric acid	0.25 mL/mL
.MTHCL_00047	11/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MTH202_00012	11/30/13	Macron, Lot K45A06			(Purchased Reagent)		Hydrogen Peroxide	30 %
MTH2S04_00010	10/09/14	Macron, Lot K20042			(Purchased Reagent)		Sulfuric acid	100 %
MTHCL_00047	11/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
MTHGCALW_00280	11/15/12	11/15/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Hg	100 ug/L
					MTHNO3_00036	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Hg	10 ug/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTHGCALW_00283	11/26/12	11/26/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Hg	100 ug/L
					MTHNO3_00037	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Hg	10 ug/mL
.MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00428	11/15/12	11/15/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Hg	500 ug/L
					MTHNO3_00035	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Hg	50 ug/mL
.MTHNO3_00035	10/09/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00435	11/26/12	11/26/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Hg	500 ug/L
					MTHNO3_00036	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Hg	50 ug/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
							Nitric acid	100 %
MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTICPMS2_00009	07/10/13	High Purity Standards, Lot 1218529			(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
MTICPMSA_00007	01/10/13	High Purity Standards, Lot 1102022			(Purchased Reagent)		Arsenic	10 ug/mL
							B	10 ug/mL
							Barium	10 ug/mL
							Beryllium	10 ug/mL
							Cadmium	10 ug/mL
							Chromium	10 ug/mL
							Cobalt	10 ug/mL
							Copper	10 ug/mL
							Lead	10 ug/mL
							Manganese	10 ug/mL
							Nickel	10 ug/mL
							Selenium	10 ug/mL
							Sr	10 ug/mL
							Thallium	10 ug/mL
							Vanadium	10 ug/mL
							Zinc	10 ug/mL
MTICPMSA_00010	09/11/13	High Purity Standards, Lot 1225405			(Purchased Reagent)		Arsenic	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Barium	100 ug/mL
							Beryllium	100 ug/mL
							Cadmium	100 ug/mL
							Chromium	100 ug/mL
							Cobalt	100 ug/mL
							Copper	100 ug/mL
							Lead	100 ug/mL
							Manganese	100 ug/mL
							Nickel	100 ug/mL
							Selenium	100 ug/mL
							Sr	100 ug/mL
							Thallium	25 ug/mL
							Vanadium	100 ug/mL
							Zinc	100 ug/mL
MTICPMSB_00007	01/10/13	High Purity Standards, Lot 1102023			(Purchased Reagent)		Antimony	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL
							Sn	10 ug/mL
							Ti	10 ug/mL
							W	10 ug/mL
							Zr	10 ug/mL
MTICPMSB_00010	09/11/13	High Purity Standards, Lot 1225412			(Purchased Reagent)		Antimony	10 ug/mL
							B	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL
							Sn	10 ug/mL
							Ti	10 ug/mL
							W	10 ug/mL
MTK2S208RGNT_00029	11/19/14	11/19/12	DIWATER, Lot DIWATER	2 L	MTK2S208_00008	100 g	Potassium persulfate	0.05 g/g
.MTK2S208_00008	10/03/17	Fisher, Lot 117411			(Purchased Reagent)		Potassium persulfate	1 g/g
MTKMnO4Liq_00005	10/31/14	Ricca Chemical Company, Lot 2210830			(Purchased Reagent)		Potassium Permanganate	1 g
MTKMnO4Liq_00006	10/31/14	Ricca Chemical Company, Lot 2210830			(Purchased Reagent)		Potassium Permanganate	1 g
MTMSCAL2CCVW_00053	05/07/13	11/07/12	DIWATER, Lot DIWATER	500 mL	MTMSCAL3_00005	10 mL	Aluminum	500 ug/L
							Arsenic	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Calcium	50000 ug/L
							Chromium	100 ug/L
							Cobalt	100 ug/L
							Copper	100 ug/L
							Iron	25000 ug/L
							Lead	100 ug/L
							Magnesium	50000 ug/L
							Manganese	500 ug/L
							Nickel	100 ug/L

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Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Potassium	50000 ug/L
							Selenium	100 ug/L
							Silver	100 ug/L
							Sodium	50000 ug/L
							Thallium	100 ug/L
							Vanadium	100 ug/L
							Zinc	100 ug/L
					MTMSCAL4_00006	10 mL	Antimony	100 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
.MTMSCAL4_00006	08/01/13	INORGANIC VENTURES, Lot F2-MEB428150			(Purchased Reagent)		Antimony	5 ug/mL
MTMSCAL2CCVW_00054	05/29/13	11/29/12	DIWATER, Lot DIWATER	500 mL	MTMSCAL3_00005	10 mL	Aluminum	500 ug/L
							Arsenic	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Calcium	50000 ug/L
							Chromium	100 ug/L
							Cobalt	100 ug/L
							Copper	100 ug/L
							Iron	25000 ug/L
							Lead	100 ug/L
							Magnesium	50000 ug/L
							Manganese	500 ug/L
							Nickel	100 ug/L
							Potassium	50000 ug/L
							Selenium	100 ug/L
							Silver	100 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Sodium	50000 ug/L
							Thallium	100 ug/L
							Vanadium	100 ug/L
							Zinc	100 ug/L
					MTMSCAL4_00006	10 mL	Antimony	100 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
.MTMSCAL4_00006	08/01/13	INORGANIC VENTURES, Lot F2-MEB428150			(Purchased Reagent)		Antimony	5 ug/mL
MTMSCAL3W_00016	03/28/13	09/28/12	DIWATER, Lot DIWATER	250 mL	MTMSCAL3_00005	10 mL	Aluminum	1000 ug/L
							Arsenic	200 ug/L
							Barium	200 ug/L
							Beryllium	200 ug/L
							Cadmium	200 ug/L
							Calcium	100000 ug/L
							Chromium	200 ug/L
							Cobalt	200 ug/L
							Copper	200 ug/L
							Iron	50000 ug/L
							Lead	200 ug/L
							Magnesium	100000 ug/L
							Manganese	1000 ug/L
							Nickel	200 ug/L
							Potassium	100000 ug/L
							Selenium	200 ug/L
							Silver	200 ug/L
							Sodium	100000 ug/L
							Thallium	200 ug/L
							Vanadium	200 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Zinc	200 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
MTMSCAL3W_00017	05/07/13	11/07/12	DIWATER, Lot DIWATER	250 mL	MTMSCAL3_00005	10 mL	Aluminum	1000 ug/L
							Arsenic	200 ug/L
							Barium	200 ug/L
							Beryllium	200 ug/L
							Cadmium	200 ug/L
							Calcium	100000 ug/L
							Chromium	200 ug/L
							Cobalt	200 ug/L
							Copper	200 ug/L
							Iron	50000 ug/L
							Lead	200 ug/L
							Magnesium	100000 ug/L
							Manganese	1000 ug/L
							Nickel	200 ug/L
							Potassium	100000 ug/L
							Selenium	200 ug/L
							Silver	200 ug/L
							Sodium	100000 ug/L
							Thallium	200 ug/L
							Vanadium	200 ug/L
							Zinc	200 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
MTMSCAL4W_00014	03/28/13	09/28/12	DIWATER, Lot DIWATER	250 mL	MTMSCAL4_00006	10 mL	Antimony	200 ug/L
.MTMSCAL4_00006	08/01/13		INORGANIC VENTURES, Lot F2-MEB428150		(Purchased Reagent)		Antimony	5 ug/mL
MTMSCRIW_00028	05/20/13	11/20/12	DIWATER, Lot DIWATER	200 mL	MTMSCRI_00004	1 mL	Aluminum	50 ug/L
							Antimony	2 ug/L
							Arsenic	2 ug/L
							Barium	1 ug/L
							Beryllium	1 ug/L
							Cadmium	0.5 ug/L
							Calcium	1000 ug/L
							Chromium	2 ug/L
							Cobalt	1 ug/L
							Copper	2 ug/L
							Iron	50 ug/L
							Lead	1 ug/L
							Magnesium	1000 ug/L
							Manganese	1 ug/L
							Nickel	2 ug/L
							Potassium	1000 ug/L
							Selenium	2 ug/L
							Silver	0.5 ug/L
							Sodium	1000 ug/L
							Thallium	1 ug/L
							Vanadium	5 ug/L
							Zinc	10 ug/L
.MTMSCRI_00004	09/28/13		HIGH PURITY STANDARDS, Lot 1226917		(Purchased Reagent)		Aluminum	10 ug/mL
							Antimony	0.4 ug/mL
							Arsenic	0.4 ug/mL
							Barium	0.2 ug/mL
							Beryllium	0.2 ug/mL
							Cadmium	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Calcium	200 ug/mL
							Chromium	0.4 ug/mL
							Cobalt	0.2 ug/mL
							Copper	0.4 ug/mL
							Iron	10 ug/mL
							Lead	0.2 ug/mL
							Magnesium	200 ug/mL
							Manganese	0.2 ug/mL
							Nickel	0.4 ug/mL
							Potassium	200 ug/mL
							Selenium	0.4 ug/mL
							Silver	0.1 ug/mL
							Sodium	200 ug/mL
							Thallium	0.2 ug/mL
							Vanadium	1 ug/mL
							Zinc	2 ug/mL
MTMSICSABW_00019	05/01/13	11/05/12	DIWATER, Lot DIWATER	200 mL	MTMSICSA_00007	10 mL	Aluminum	50000 ug/L
							Calcium	50000 ug/L
							Iron	50000 ug/L
							Magnesium	50000 ug/L
							Mo	1100 ug/L
							Potassium	50000 ug/L
							Sodium	50000 ug/L
					MTMSICSABSOLA_00003	1 mL	Arsenic	100 ug/L
							B	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Chromium	100 ug/L
							Cobalt	100 ug/L
							Copper	100 ug/L
							Lead	100 ug/L
							Manganese	100 ug/L
							Nickel	100 ug/L
							Selenium	100 ug/L
							Sr	100 ug/L
							Thallium	100 ug/L
							Vanadium	100 ug/L
							Zinc	100 ug/L
					MTMSICSABSOLB_00003	1 mL	Antimony	100 ug/L
							Mo	1100 ug/L
							Silver	100 ug/L
							Sn	100 ug/L
.MTMSICSA_00007	05/01/13		INORGANIC VENTURES, Lot E2MEB371022		(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Mo	20 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
.MTMSICSABSOLA_00003	07/10/13	HIGH PURITY STANDARDS, Lot 1218526			(Purchased Reagent)		Arsenic	20 ug/mL
							B	20 ug/mL
							Barium	20 ug/mL
							Beryllium	20 ug/mL
							Cadmium	20 ug/mL
							Chromium	20 ug/mL
							Cobalt	20 ug/mL
							Copper	20 ug/mL
							Lead	20 ug/mL
							Manganese	20 ug/mL
							Nickel	20 ug/mL
							Selenium	20 ug/mL
							Sr	20 ug/mL
							Thallium	20 ug/mL
							Vanadium	20 ug/mL
							Zinc	20 ug/mL
.MTMSICSABSOLB_00003	07/10/13	HIGH PURITY STANDARDS, Lot 1218527			(Purchased Reagent)		Antimony	20 ug/mL
							Mo	20 ug/mL
							Silver	20 ug/mL
							Sn	20 ug/mL
MTMSICSAW_00020	05/01/13	11/07/12	DIWATER, Lot DIWATER	200 mL	MTMSICSA_00007	10 mL	Aluminum	50000 ug/L
							Calcium	50000 ug/L
							Iron	50000 ug/L
							Magnesium	50000 ug/L
							Mo	1000 ug/L
							Potassium	50000 ug/L
							Sodium	50000 ug/L
.MTMSICSA_00007	05/01/13	INORGANIC VENTURES, Lot E2MEB371022			(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Mo	20 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
MTMSICVW_00017	01/16/13	09/28/12	DIWATER, Lot DIWATER	250 mL	MTMSICV1_00003	10 mL	Aluminum	400 ug/L
							Arsenic	80 ug/L
							Barium	80 ug/L
							Beryllium	80 ug/L
							Cadmium	80 ug/L
							Calcium	40000 ug/L
							Chromium	80 ug/L
							Cobalt	80 ug/L
							Copper	80 ug/L
							Iron	20000 ug/L

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Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Lead	80 ug/L
							Magnesium	40000 ug/L
							Manganese	400 ug/L
							Nickel	80 ug/L
							Potassium	40000 ug/L
							Selenium	80 ug/L
							Silver	80 ug/L
							Sodium	40000 ug/L
							Thallium	80 ug/L
							Vanadium	80 ug/L
							Zinc	80 ug/L
					MTMSICV2_00003	10 mL	Antimony	80 ug/L
.MTMSICV1_00003	01/16/13	HIGH PURITY STANDARDS, Lot 1201317			(Purchased Reagent)		Aluminum	10 ug/mL
							Arsenic	2 ug/mL
							Barium	2 ug/mL
							Beryllium	2 ug/mL
							Cadmium	2 ug/mL
							Calcium	1000 ug/mL
							Chromium	2 ug/mL
							Cobalt	2 ug/mL
							Copper	2 ug/mL
							Iron	500 ug/mL
							Lead	2 ug/mL
							Magnesium	1000 ug/mL
							Manganese	10 ug/mL
							Nickel	2 ug/mL
							Potassium	1000 ug/mL
							Selenium	2 ug/mL
							Silver	2 ug/mL
							Sodium	1000 ug/mL
							Thallium	2 ug/mL
							Vanadium	2 ug/mL
							Zinc	2 ug/mL
.MTMSICV2_00003	07/10/13	HIGH PURITY STANDARDS, Lot 1218720			(Purchased Reagent)		Antimony	2 ug/mL
SG 1660 ICV_00003	07/03/13	07/03/12	HEXANE, Lot K42e19	10 mL	SG 1016 ICV_00004	1 mL	Aroclor-1016	10 ug/mL
					SG 1260 ICV_00005	1 mL	Aroclor-1260	10 ug/mL
.SG 1016 ICV_00004	03/31/17	ULTRA, Lot CF-0785			(Purchased Reagent)		Aroclor-1016	100 ug/mL
.SG 1260 ICV_00005	12/31/14	ULTRA, Lot CC-3829			(Purchased Reagent)		Aroclor-1260	100 ug/mL
SG1221ICV_00006	08/27/13	08/27/12	HEXANE, Lot L03E01	10 mL	SG 1221 ICV_00003	1 mL	Aroclor-1221	10000 ug/L
.SG 1221 ICV_00003	12/31/14	Ultra Scientific, Lot CB-1791z			(Purchased Reagent)		Aroclor-1221	100 ug/mL
SG1232@0.05PP_00005	12/05/12	06/05/12	HEXANE, Lot J42E19	100 mL	SG1232@10ppm_00002	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.1PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.2PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	2 mL	PCB-1232 Peak 1	0.2 ug/mL
							PCB-1232 Peak 2	0.2 ug/mL
							PCB-1232 Peak 3	0.2 ug/mL
							PCB-1232 Peak 4	0.2 ug/mL
							PCB-1232 Peak 5	0.2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.5PPM_00008	12/08/12	07/12/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@1.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	10 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@2.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	20 mL	PCB-1232 Peak 1	2 ug/mL
							PCB-1232 Peak 2	2 ug/mL
							PCB-1232 Peak 3	2 ug/mL
							PCB-1232 Peak 4	2 ug/mL
							PCB-1232 Peak 5	2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232ICV_00003	05/16/13	05/16/12	HEXANE, Lot K42E19	10 mL	SG 1232 ICV_00003	1 mL	Aroclor-1232	10 ug/mL
.SG 1232 ICV_00003	10/31/14		Ultra Scientific, Lot CG-3213		(Purchased Reagent)		Aroclor-1232	100 ug/mL
SG1242@.05ppm_00004	01/03/13	07/03/12	HEXANE, Lot k142e19	100 mL	SG1242@10ppm_00002	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.1ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.2ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	2 mL	PCB-1242 Peak 1	0.2 ug/mL
							PCB-1242 Peak 2	0.2 ug/mL
							PCB-1242 Peak 3	0.2 ug/mL
							PCB-1242 Peak 4	0.2 ug/mL
							PCB-1242 Peak 5	0.2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.5ppm_00006	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@1.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	10 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@2.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	20 mL	PCB-1242 Peak 1	2 ug/mL
							PCB-1242 Peak 2	2 ug/mL
							PCB-1242 Peak 3	2 ug/mL
							PCB-1242 Peak 4	2 ug/mL
							PCB-1242 Peak 5	2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242ICV_00003	08/09/13	08/09/12	HEXANE, Lot L08E17	10 mL	SG 1242 ICV_00003	1 mL	Aroclor-1242	10 ug/mL
.SG 1242 ICV_00003	09/30/19		Ultra Scientific, Lot CH-2711		(Purchased Reagent)		Aroclor-1242	100 ug/mL
SG1248@.05ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.1PPM_00005	01/04/13	07/04/12	HEXANE, Lot k42E19	100 mL	SG1248@10ppm_00003	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.2ppm_00005	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.5ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@1.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@2.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248ICV_00005	02/20/13	02/20/12	HEXANE, Lot K29E03	10 mL	SG 1248 ICV_00003	1 mL	Aroclor-1248	10 ug/mL
.SG 1248 ICV_00003	11/30/19		Ultra Scientific, Lot CH-3256		(Purchased Reagent)		Aroclor-1248	100 ug/mL
SG1254ICV_00004	02/22/13	02/22/12	HEXANE, Lot K29e03	10 mL	SG 1254 ICV_00003	1 mL	Aroclor-1254	10 ug/mL
.SG 1254 ICV_00003	05/31/17		Ultra Scientific, Lot CF-1469		(Purchased Reagent)		Aroclor-1254	100 ug/mL
SG1660@.05PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	0.5 mL	Aroclor-1016	0.05 ug/mL
							Aroclor-1260	0.05 ug/mL
							PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCGSURRSTK_00003	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	2 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCGSURRSTK_00003	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00012	03/03/13	09/03/12	HEXANE, Lot 0000013019	200 mL	SG1016/1260_00005	10 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00013	04/14/13	10/14/12	HEXANE, Lot 000003546	200 mL	SG1016/1260_00005	10 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
							PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.0PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	10 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@2.0PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	20 mL	PCB-1016 Peak 1	2 ug/mL
							PCB-1016 Peak 2	2 ug/mL
							PCB-1016 Peak 3	2 ug/mL
							PCB-1016 Peak 4	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 5	2 ug/mL
							PCB-1260 Peak 1	2 ug/mL
							PCB-1260 Peak 2	2 ug/mL
							PCB-1260 Peak 3	2 ug/mL
							PCB-1260 Peak 4	2 ug/mL
							PCB-1260 Peak 5	2 ug/mL
					SGPCGSURRSTK_00003	5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCGSURRSTK_00003	0.25 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00003	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.2PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08e17	100 mL	SG2154@10ppm_00002	2 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
							PCB-1254 Peak 5	0.2 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.5PPM_00006	01/31/13	08/02/12	HEXANE, Lot L08e17	100 mL	SG2154@10ppm_00002	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@1.0PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	10 mL	PCB-1221 Peak 1	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@2.0PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	20 mL	PCB-1221 Peak 1	2 ug/mL
							PCB-1221 Peak 2	2 ug/mL
							PCB-1221 Peak 3	2 ug/mL
							PCB-1254 Peak 1	2 ug/mL
							PCB-1254 Peak 2	2 ug/mL
							PCB-1254 Peak 3	2 ug/mL
							PCB-1254 Peak 4	2 ug/mL
							PCB-1254 Peak 5	2 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG2154@O.1PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SGPestAB1_00003	03/08/13	09/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	25 uL	4,4'-DDD	0.005 ug/mL
							4,4'-DDE	0.005 ug/mL
							4,4'-DDT	0.005 ug/mL
							Aldrin	0.005 ug/mL
							alpha-BHC	0.005 ug/mL
							alpha-Chlordane	0.005 ug/mL
							beta-BHC	0.005 ug/mL
							delta-BHC	0.005 ug/mL
							Dieldrin	0.005 ug/mL
							Endosulfan I	0.005 ug/mL
							Endosulfan II	0.005 ug/mL
							Endosulfan sulfate	0.005 ug/mL
							Endrin	0.005 ug/mL
							Endrin aldehyde	0.005 ug/mL
							Endrin ketone	0.005 ug/mL
							gamma-BHC (Lindane)	0.005 ug/mL
							gamma-Chlordane	0.005 ug/mL
							Heptachlor	0.005 ug/mL
							Heptachlor epoxide	0.005 ug/mL
							Methoxychlor	0.005 ug/mL
							DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB2_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	50 uL	4,4'-DDD	0.01 ug/mL
							4,4'-DDE	0.01 ug/mL
							4,4'-DDT	0.01 ug/mL
							Aldrin	0.01 ug/mL

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Lab Name: TestAmerica Canton Job No.: 240-17422-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							alpha-BHC	0.01 ug/mL
							alpha-Chlordane	0.01 ug/mL
							beta-BHC	0.01 ug/mL
							delta-BHC	0.01 ug/mL
							Dieldrin	0.01 ug/mL
							Endosulfan I	0.01 ug/mL
							Endosulfan II	0.01 ug/mL
							Endosulfan sulfate	0.01 ug/mL
							Endrin	0.01 ug/mL
							Endrin aldehyde	0.01 ug/mL
							Endrin ketone	0.01 ug/mL
							gamma-BHC (Lindane)	0.01 ug/mL
							gamma-Chlordane	0.01 ug/mL
							Heptachlor	0.01 ug/mL
							Heptachlor epoxide	0.01 ug/mL
							Methoxychlor	0.01 ug/mL
							DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB3_00004	02/03/13	08/03/12	HEXANE, Lot L08E17	200 mL	SGPESTABST_00003	0.25 mL	4,4'-DDD	0.025 ug/mL
							4,4'-DDE	0.025 ug/mL
							4,4'-DDT	0.025 ug/mL
							Aldrin	0.025 ug/mL
							alpha-BHC	0.025 ug/mL
							alpha-Chlordane	0.025 ug/mL
							beta-BHC	0.025 ug/mL
							delta-BHC	0.025 ug/mL
							Dieldrin	0.025 ug/mL
							Endosulfan I	0.025 ug/mL
							Endosulfan II	0.025 ug/mL
							Endosulfan sulfate	0.025 ug/mL
							Endrin	0.025 ug/mL
							Endrin aldehyde	0.025 ug/mL
							Endrin ketone	0.025 ug/mL
							gamma-BHC (Lindane)	0.025 ug/mL
							gamma-Chlordane	0.025 ug/mL
							Heptachlor	0.025 ug/mL
							Heptachlor epoxide	0.025 ug/mL
							Methoxychlor	0.025 ug/mL
							DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SGPESTABST_00003	03/08/13	03/07/12	HEXANE, Lot K29E03	10 mL	SGPESTAB_00004	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00004	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00004	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00004	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB4_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	250 uL	4,4'-DDD	0.05 ug/mL
							4,4'-DDE	0.05 ug/mL
							4,4'-DDT	0.05 ug/mL
							Aldrin	0.05 ug/mL
							alpha-BHC	0.05 ug/mL
							alpha-Chlordane	0.05 ug/mL
							beta-BHC	0.05 ug/mL
							delta-BHC	0.05 ug/mL
							Dieldrin	0.05 ug/mL
							Endosulfan I	0.05 ug/mL
							Endosulfan II	0.05 ug/mL
							Endosulfan sulfate	0.05 ug/mL
							Endrin	0.05 ug/mL
							Endrin aldehyde	0.05 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin ketone	0.05 ug/mL
							gamma-BHC (Lindane)	0.05 ug/mL
							gamma-Chlordane	0.05 ug/mL
							Heptachlor	0.05 ug/mL
							Heptachlor epoxide	0.05 ug/mL
							Methoxychlor	0.05 ug/mL
							DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB5_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	500 uL	4,4'-DDD	0.1 ug/mL
							4,4'-DDE	0.1 ug/mL
							4,4'-DDT	0.1 ug/mL
							Aldrin	0.1 ug/mL
							alpha-BHC	0.1 ug/mL
							alpha-Chlordane	0.1 ug/mL
							beta-BHC	0.1 ug/mL
							delta-BHC	0.1 ug/mL
							Dieldrin	0.1 ug/mL
							Endosulfan I	0.1 ug/mL
							Endosulfan II	0.1 ug/mL
							Endosulfan sulfate	0.1 ug/mL
							Endrin	0.1 ug/mL
							Endrin aldehyde	0.1 ug/mL
							Endrin ketone	0.1 ug/mL
							gamma-BHC (Lindane)	0.1 ug/mL
							gamma-Chlordane	0.1 ug/mL
							Heptachlor	0.1 ug/mL
							Heptachlor epoxide	0.1 ug/mL
							Methoxychlor	0.1 ug/mL
							DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB6_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	1 mL	4,4'-DDD	0.2 ug/mL
							4,4'-DDE	0.2 ug/mL
							4,4'-DDT	0.2 ug/mL
							Aldrin	0.2 ug/mL
							alpha-BHC	0.2 ug/mL
							alpha-Chlordane	0.2 ug/mL
							beta-BHC	0.2 ug/mL
							delta-BHC	0.2 ug/mL
							Dieldrin	0.2 ug/mL
							Endosulfan I	0.2 ug/mL
							Endosulfan II	0.2 ug/mL
							Endosulfan sulfate	0.2 ug/mL
							Endrin	0.2 ug/mL
							Endrin aldehyde	0.2 ug/mL
							Endrin ketone	0.2 ug/mL
							gamma-BHC (Lindane)	0.2 ug/mL
							gamma-Chlordane	0.2 ug/mL
							Heptachlor	0.2 ug/mL
							Heptachlor epoxide	0.2 ug/mL
							Methoxychlor	0.2 ug/mL
							DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPESTABCV_00010	01/27/13	08/02/12	HEXANE, Lot L08E19	100 mL	SGPESTABIC_00004	250 uL	4,4'-DDD	0.025 ug/mL
							4,4'-DDE	0.025 ug/mL
							4,4'-DDT	0.025 ug/mL
							Aldrin	0.025 ug/mL
							alpha-BHC	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							alpha-Chlordane	0.025 ug/mL
							beta-BHC	0.025 ug/mL
							delta-BHC	0.025 ug/mL
							Dieldrin	0.025 ug/mL
							Endosulfan I	0.025 ug/mL
							Endosulfan II	0.025 ug/mL
							Endosulfan sulfate	0.025 ug/mL
							Endrin	0.025 ug/mL
							Endrin aldehyde	0.025 ug/mL
							Endrin ketone	0.025 ug/mL
							gamma-BHC (Lindane)	0.025 ug/mL
							gamma-Chlordane	0.025 ug/mL
							Heptachlor	0.025 ug/mL
							Heptachlor epoxide	0.025 ug/mL
							Methoxychlor	0.025 ug/mL
.SGPESTABIC_00004	07/27/13	07/27/12	HEXANE, Lot L08E17	100 mL	SGPESTABIV_00007	1 mL	4,4'-DDD	10 ug/mL
							4,4'-DDE	10 ug/mL
							4,4'-DDT	10 ug/mL
							Aldrin	10 ug/mL
							alpha-BHC	10 ug/mL
							alpha-Chlordane	10 ug/mL
							beta-BHC	10 ug/mL
							delta-BHC	10 ug/mL
							Dieldrin	10 ug/mL
							Endosulfan I	10 ug/mL
							Endosulfan II	10 ug/mL
							Endosulfan sulfate	10 ug/mL
							Endrin	10 ug/mL
							Endrin aldehyde	10 ug/mL
							Endrin ketone	10 ug/mL
							gamma-BHC (Lindane)	10 ug/mL
							gamma-Chlordane	10 ug/mL
							Heptachlor	10 ug/mL
							Heptachlor epoxide	10 ug/mL
							Methoxychlor	10 ug/mL
..SGPESTABIV_00007	12/31/13		Ultra Scientific, Lot CH-3658		(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
SGPESTPEM_00007	01/11/13	07/14/11	HEXANE, Lot K42E19	100 mL	SGPESTPEMS_00006	1 mL	4,4'-DDT	0.1 ug/mL
							alpha-BHC	0.01 ug/mL
							beta-BHC	0.01 ug/mL
							Endrin	0.05 ug/mL
							gamma-BHC (Lindane)	0.01 ug/mL
							Methoxychlor	0.25 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SGPESTPEMS_00006	02/28/14		Restek, Lot A073209		(Purchased Reagent)		4,4'-DDT	10 ug/mL
							alpha-BHC	1 ug/mL
							beta-BHC	1 ug/mL
							Endrin	5 ug/mL
							gamma-BHC (Lindane)	1 ug/mL
							Methoxychlor	25 ug/mL
							Tetrachloro-m-xylene	1 ug/mL
SGPESTTOXI_00003	02/02/13	01/10/12	HEXANE, Lot K12E23	100 mL	SGPESTTOX_00011	1 mL	Toxaphene	10 ug/mL
							Toxaphene Peak 1	10 ug/mL
							Toxaphene Peak 2	10 ug/mL
							Toxaphene Peak 3	10 ug/mL
							Toxaphene Peak 4	10 ug/mL
							Toxaphene Peak 5	10 ug/mL
.SGPESTTOX_00011	02/28/14		SUPELCO, Lot LB82082		(Purchased Reagent)		Toxaphene	1000 ug/mL
							Toxaphene Peak 1	1000 ug/mL
							Toxaphene Peak 2	1000 ug/mL
							Toxaphene Peak 3	1000 ug/mL
							Toxaphene Peak 4	1000 ug/mL
							Toxaphene Peak 5	1000 ug/mL
SGPESTTOXS_00006	07/27/13	07/31/12	HEXANE, Lot L08E17	100 mL	SGPESTTOX_00012	1 mL	Toxaphene	10 ug/mL
							Toxaphene Peak 1	10 ug/mL
							Toxaphene Peak 2	10 ug/mL
							Toxaphene Peak 3	10 ug/mL
							Toxaphene Peak 4	10 ug/mL
							Toxaphene Peak 5	10 ug/mL
.SGPESTTOX_00012	06/30/15		Restek, Lot A080394		(Purchased Reagent)		Toxaphene	1000 ug/mL
							Toxaphene Peak 1	1000 ug/mL
							Toxaphene Peak 2	1000 ug/mL
							Toxaphene Peak 3	1000 ug/mL
							Toxaphene Peak 4	1000 ug/mL
							Toxaphene Peak 5	1000 ug/mL
SMDoDSS Ind W_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoDSSInd ST_00001	1 mL	1,2,4-Trichlorobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
.SMDoDSSInd ST_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoD IND SS_00001	1 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
..SMDoD IND SS_00001	08/31/13		Sigma-Aldrich, Lot LB90764		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3,3'-Dichlorobenzidine	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzoic acid	2000 ug/mL
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
SMTCL L1 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	2 uL	2,4-Dinitrophenol	0.2 ug/mL
							Benzoic acid	0.2 ug/mL
							Pentachlorophenol	0.2 ug/mL
					SMTCL DPH ST_00003	2 uL	1,4-Dichlorobenzene	0.1 ug/mL
							2,4,5-Trichlorophenol	0.1 ug/mL
							2,4,6-Tribromophenol (Surr)	0.1 ug/mL
							2,4,6-Trichlorophenol	0.1 ug/mL
							2,4-Dichlorophenol	0.1 ug/mL
							2,4-Dimethylphenol	0.1 ug/mL
							2,4-Dinitrophenol	0.2 ug/mL
							2-Chlorophenol	0.1 ug/mL
							2-Fluorophenol (Surr)	0.1 ug/mL
							2-Methylphenol	0.1 ug/mL
							2-Nitrophenol	0.1 ug/mL
							3 & 4 Methylphenol	0.1 ug/mL
							4,6-Dinitro-2-methylphenol	0.1 ug/mL
							4-Chloro-3-methylphenol	0.1 ug/mL
							4-Nitrophenol	0.1 ug/mL
							Benzoic acid	0.2 ug/mL
							Benzyl alcohol	0.1 ug/mL
							Pentachlorophenol	0.2 ug/mL
							Phenol	0.1 ug/mL
							Phenol-d5 (Surr)	0.1 ug/mL
							2-Nitroaniline	0.1 ug/mL
							3,3'-Dichlorobenzidine	0.1 ug/mL
							3-Nitroaniline	0.1 ug/mL
							4-Nitroaniline	0.1 ug/mL
							N-Nitrosodi-n-propylamine	0.1 ug/mL
							N-Nitrosodiphenylamine	0.1 ug/mL
							1,1'-Biphenyl	0.1 ug/mL
							1-Methylnaphthalene	0.1 ug/mL
							2-Methylnaphthalene	0.1 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Bis(2-ethylhexyl) phthalate	0.1 ug/mL
							Butyl benzyl phthalate	0.1 ug/mL
							Carbazole	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Di-n-butyl phthalate	0.1 ug/mL
							Di-n-octyl phthalate	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Dibenzofuran	0.1 ug/mL
							Diethyl phthalate	0.1 ug/mL
							Dimethyl phthalate	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Isophorone	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							1,2,4-Trichlorobenzene	0.1 ug/mL
							1,2-Dichlorobenzene	0.1 ug/mL
							1,3-Dichlorobenzene	0.1 ug/mL
							2,4-Dinitrotoluene	0.1 ug/mL
							2,6-Dinitrotoluene	0.1 ug/mL
							2-Chloronaphthalene	0.1 ug/mL
							2-Fluorobiphenyl (Surr)	0.1 ug/mL
							4-Bromophenyl phenyl ether	0.1 ug/mL
							4-Chlorophenyl phenyl ether	0.1 ug/mL
							Benzaldehyde	0.1 ug/mL
							Bis(2-chloroethoxy)methane	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Hexachlorobutadiene	0.1 ug/mL
							Hexachlorocyclopentadiene	0.1 ug/mL
							Hexachloroethane	0.1 ug/mL
							Nitrobenzene	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14		UltraScientific, Lot CH-1761		(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Anthracene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L2 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	10 uL	2,4-Dinitrophenol	1 ug/mL
							Benzoic acid	1 ug/mL
							Pentachlorophenol	1 ug/mL
					SMTCL DPH ST_00003	10 uL	1,4-Dichlorobenzene	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							2,3,5,6-Tetrachlorophenol	0.5 ug/mL
							2,4,5-Trichlorophenol	0.5 ug/mL
							2,4,6-Tribromophenol (Surr)	0.5 ug/mL
							2,4,6-Trichlorophenol	0.5 ug/mL
							2,4-Dichlorophenol	0.5 ug/mL
							2,4-Dimethylphenol	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							2-Chlorophenol	0.5 ug/mL
							2-Fluorophenol (Surr)	0.5 ug/mL
							2-Methylphenol	0.5 ug/mL
							2-Nitrophenol	0.5 ug/mL
							3 & 4 Methylphenol	0.5 ug/mL
							4,6-Dinitro-2-methylphenol	0.5 ug/mL
							4-Chloro-3-methylphenol	0.5 ug/mL
							4-Nitrophenol	0.5 ug/mL
							Benzoic acid	1 ug/mL
							Benzyl alcohol	0.5 ug/mL
							Pentachlorophenol	1 ug/mL
							Phenol	0.5 ug/mL
							Phenol-d5 (Surr)	0.5 ug/mL
							2,4-Toluene diamine	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL
							3,3'-Dichlorobenzidine	0.5 ug/mL
							3,3'-Dimethoxybenzidine	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	0.5 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							4-Nitroaniline	0.5 ug/mL
							Aniline	0.5 ug/mL
							Atrazine	0.5 ug/mL
							Benzidine	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							N-Nitrosodimethylamine	0.5 ug/mL
							N-Nitrosodiphenylamine	0.5 ug/mL
							Pyridine	0.5 ug/mL
							1,1'-Biphenyl	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1-Methylnaphthalene	0.5 ug/mL
							2-Methylnaphthalene	0.5 ug/mL
							Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Acetophenone	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Azobenzene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Bis(2-ethylhexyl) phthalate	0.5 ug/mL
							Butyl benzyl phthalate	0.5 ug/mL
							Caprolactam	0.5 ug/mL
							Carbazole	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Di-n-butyl phthalate	0.5 ug/mL
							Di-n-octyl phthalate	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Dibenzofuran	0.5 ug/mL
							Diethyl phthalate	0.5 ug/mL
							Dimethyl phthalate	0.5 ug/mL
							Ethyl methacrylate	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Isophorone	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Phenanthrene	0.5 ug/mL
							Pyrene	0.5 ug/mL
							1,2,3,5-Tetrachlorobenzene	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Dichlorobenzene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dinitrobenzene	0.5 ug/mL
							1,3,5-Trichlorobenzene	0.5 ug/mL
							1,3-Dichlorobenzene	0.5 ug/mL
							2,4-Dinitrotoluene	0.5 ug/mL
							2,6-Dinitrotoluene	0.5 ug/mL
							2-Chloronaphthalene	0.5 ug/mL
							2-Fluorobiphenyl (Surr)	0.5 ug/mL
							3-Chloropropionitrile	0.5 ug/mL
							4-Bromophenyl phenyl ether	0.5 ug/mL
							4-Chlorophenyl phenyl ether	0.5 ug/mL
							Benzaldehyde	0.5 ug/mL
							bis (2-chloroisopropyl) ether	0.5 ug/mL
							Bis(2-chloroethoxy)methane	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachlorocyclopentadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Malononitrile	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L3 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	20 uL	2,4-Dinitrophenol	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzoic acid	2 ug/mL
							Pentachlorophenol	2 ug/mL
					SMTCL DPH ST_00003	20 uL	1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							2,3,5,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Tribromophenol (Surr)	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Fluorophenol (Surr)	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							4,6-Dinitro-2-methylphenol	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Nitrophenol	1 ug/mL
							Benzoic acid	2 ug/mL
							Benzyl alcohol	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenol	1 ug/mL
							Phenol-d5 (Surr)	1 ug/mL
							2,4-Toluene diamine	1 ug/mL
							2-Nitroaniline	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							3,3'-Dimethoxybenzidine	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Nitroaniline	1 ug/mL
							Aniline	1 ug/mL
							Atrazine	1 ug/mL
							Benzidine	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							Pyridine	1 ug/mL
							1,1'-Biphenyl	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Anthracene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Caprolactam	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Ethyl methacrylate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL
							Pyrene	1 ug/mL
							1,2,3,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Dinitrobenzene	1 ug/mL
							1,3,5-Trichlorobenzene	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Fluorobiphenyl (Surr)	1 ug/mL
							3-Chloropropionitrile	1 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							Benzaldehyde	1 ug/mL
							bis (2-chloroisopropyl) ether	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Malononitrile	1 ug/mL
							Nitrobenzene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L4 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	40 uL	2,4-Dinitrophenol	4 ug/mL
							Benzoic acid	4 ug/mL
							Pentachlorophenol	4 ug/mL
					SMTCL DPH ST_00003	40 uL	1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							2,3,5,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Tribromophenol (Surr)	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Fluorophenol (Surr)	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Nitrophenol	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzoic acid	4 ug/mL
							Benzyl alcohol	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenol	2 ug/mL
							Phenol-d5 (Surr)	2 ug/mL
							2,4-Toluene diamine	2 ug/mL
							2-Nitroaniline	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							3,3'-Dimethoxybenzidine	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Nitroaniline	2 ug/mL
							Aniline	2 ug/mL
							Atrazine	2 ug/mL
							Benzidine	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							Pyridine	2 ug/mL
							1,1'-Biphenyl	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Caprolactam	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Ethyl methacrylate	2 ug/mL
							Fluoranthene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
							1,2,3,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Dinitrobenzene	2 ug/mL
							1,3,5-Trichlorobenzene	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Fluorobiphenyl (Surr)	2 ug/mL
							3-Chloropropionitrile	2 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							Benzaldehyde	2 ug/mL
							bis (2-chloroisopropyl) ether	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Malononitrile	2 ug/mL
							Nitrobenzene	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L5 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	100 uL	2,4-Dinitrophenol	10 ug/mL
							Benzoic acid	10 ug/mL
							Pentachlorophenol	10 ug/mL
					SMTCL DPH ST_00003	100 uL	1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							2,3,5,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Tribromophenol (Surr)	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Fluorophenol (Surr)	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							4,6-Dinitro-2-methylphenol	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Nitrophenol	5 ug/mL
							Benzoic acid	10 ug/mL
							Benzyl alcohol	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenol	5 ug/mL
							Phenol-d5 (Surr)	5 ug/mL
							2,4-Toluene diamine	5 ug/mL
							2-Nitroaniline	5 ug/mL
							3,3'-Dichlorobenzidine	5 ug/mL
							3,3'-Dimethoxybenzidine	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Nitroaniline	5 ug/mL
							Aniline	5 ug/mL
							Atrazine	5 ug/mL
							Benzidine	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL
							Pyridine	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1'-Biphenyl	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Caprolactam	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Ethyl methacrylate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							Naphthalene	5 ug/mL
							Phenanthrene	5 ug/mL
							Pyrene	5 ug/mL
							1,2,3,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Dinitrobenzene	5 ug/mL
							1,3,5-Trichlorobenzene	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Fluorobiphenyl (Surr)	5 ug/mL
							3-Chloropropionitrile	5 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							Benzaldehyde	5 ug/mL
							bis (2-chloroisopropyl) ether	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Malononitrile	5 ug/mL
							Nitrobenzene	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L6 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	200 uL	2,4-Dinitrophenol	20 ug/mL
							Benzoic acid	20 ug/mL
							Pentachlorophenol	20 ug/mL
					SMTCL DPH ST_00003	200 uL	1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							2,3,5,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2-Chlorophenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorophenol (Surr)	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenol	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							2,4-Toluene diamine	10 ug/mL
							2-Nitroaniline	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							3,3'-Dimethoxybenzidine	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Nitroaniline	10 ug/mL
							Aniline	10 ug/mL
							Atrazine	10 ug/mL
							Benzidine	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Pyridine	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Caprolactam	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Ethyl methacrylate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
							1,2,3,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Dinitrobenzene	10 ug/mL
							1,3,5-Trichlorobenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							3-Chloropropionitrile	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							Benzaldehyde	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Malononitrile	10 ug/mL
							Nitrobenzene	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L7 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	300 uL	2,4-Dinitrophenol	30 ug/mL
							Benzoic acid	30 ug/mL
							Pentachlorophenol	30 ug/mL
					SMTCL DPH ST_00003	300 uL	1,4-Dichlorobenzene	15 ug/mL
							1,4-Dioxane	15 ug/mL
							2,3,5,6-Tetrachlorophenol	15 ug/mL
							2,4,5-Trichlorophenol	15 ug/mL
							2,4,6-Tribromophenol (Surr)	15 ug/mL
							2,4,6-Trichlorophenol	15 ug/mL
							2,4-Dichlorophenol	15 ug/mL
							2,4-Dimethylphenol	15 ug/mL
							2,4-Dinitrophenol	30 ug/mL
							2-Chlorophenol	15 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							2-Methylphenol	15 ug/mL
							2-Nitrophenol	15 ug/mL
							3 & 4 Methylphenol	15 ug/mL
							4,6-Dinitro-2-methylphenol	15 ug/mL
							4-Chloro-3-methylphenol	15 ug/mL
							4-Nitrophenol	15 ug/mL
							Benzoic acid	30 ug/mL
							Benzyl alcohol	15 ug/mL
							Pentachlorophenol	30 ug/mL
							Phenol	15 ug/mL
							Phenol-d5 (Surr)	15 ug/mL
							2,4-Toluene diamine	15 ug/mL
							2-Nitroaniline	15 ug/mL
							3,3'-Dichlorobenzidine	15 ug/mL
							3,3'-Dimethoxybenzidine	15 ug/mL
							3-Nitroaniline	15 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	15 ug/mL
							4-Chloroaniline	15 ug/mL
							4-Nitroaniline	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aniline	15 ug/mL
							Atrazine	15 ug/mL
							Benzidine	15 ug/mL
							N-Nitrosodi-n-propylamine	15 ug/mL
							N-Nitrosodimethylamine	15 ug/mL
							N-Nitrosodiphenylamine	15 ug/mL
							Pyridine	15 ug/mL
							1,1'-Biphenyl	15 ug/mL
							1,2-Diphenylhydrazine	15 ug/mL
							1-Methylnaphthalene	15 ug/mL
							2-Methylnaphthalene	15 ug/mL
							Acenaphthene	15 ug/mL
							Acenaphthylene	15 ug/mL
							Acetophenone	15 ug/mL
							Anthracene	15 ug/mL
							Azobenzene	15 ug/mL
							Benzo[a]anthracene	15 ug/mL
							Benzo[a]pyrene	15 ug/mL
							Benzo[b]fluoranthene	15 ug/mL
							Benzo[g,h,i]perylene	15 ug/mL
							Benzo[k]fluoranthene	15 ug/mL
							Bis(2-ethylhexyl) phthalate	15 ug/mL
							Butyl benzyl phthalate	15 ug/mL
							Caprolactam	15 ug/mL
							Carbazole	15 ug/mL
							Chrysene	15 ug/mL
							Di-n-butyl phthalate	15 ug/mL
							Di-n-octyl phthalate	15 ug/mL
							Dibenz(a,h)anthracene	15 ug/mL
							Dibenzofuran	15 ug/mL
							Diethyl phthalate	15 ug/mL
							Dimethyl phthalate	15 ug/mL
							Ethyl methacrylate	15 ug/mL
							Fluoranthene	15 ug/mL
							Fluorene	15 ug/mL
							Indeno[1,2,3-cd]pyrene	15 ug/mL
							Isophorone	15 ug/mL
							Naphthalene	15 ug/mL
							Phenanthrene	15 ug/mL
							Pyrene	15 ug/mL
							1,2,3,5-Tetrachlorobenzene	15 ug/mL
							1,2,4-Trichlorobenzene	15 ug/mL
							1,2-Dichlorobenzene	15 ug/mL
							1,2-Dinitrobenzene	15 ug/mL
							1,3,5-Trichlorobenzene	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL
							2,4-Dinitrotoluene	15 ug/mL
							2,6-Dinitrotoluene	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloronaphthalene	15 ug/mL
							2-Fluorobiphenyl (Surr)	15 ug/mL
							3-Chloropropionitrile	15 ug/mL
							4-Bromophenyl phenyl ether	15 ug/mL
							4-Chlorophenyl phenyl ether	15 ug/mL
							Benzaldehyde	15 ug/mL
							bis (2-chloroisopropyl) ether	15 ug/mL
							Bis(2-chloroethoxy)methane	15 ug/mL
							Bis(2-chloroethyl)ether	15 ug/mL
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	15 ug/mL
							Malononitrile	15 ug/mL
							Nitrobenzene	15 ug/mL
							Nitrobenzene-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	15 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L8 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	400 uL	2,4-Dinitrophenol	40 ug/mL
							Benzoic acid	40 ug/mL
							Pentachlorophenol	40 ug/mL
					SMTCL DPH ST_00003	400 uL	1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Benzoic acid	40 ug/mL
							Benzyl alcohol	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenol	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							2,4-Toluene diamine	20 ug/mL
							2-Nitroaniline	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							3,3'-Dimethoxybenzidine	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Nitroaniline	20 ug/mL
							Aniline	20 ug/mL
							Atrazine	20 ug/mL
							Benzidine	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Pyridine	20 ug/mL
							1,1'-Biphenyl	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Caprolactam	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Ethyl methacrylate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							Naphthalene	20 ug/mL
							Phenanthrene	20 ug/mL
							Pyrene	20 ug/mL
							1,2,3,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,3,5-Trichlorobenzene	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							3-Chloropropionitrile	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							Benzaldehyde	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Malononitrile	20 ug/mL
							Nitrobenzene	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L9 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	500 uL	2,4-Dinitrophenol	50 ug/mL
							Benzoic acid	50 ug/mL
							Pentachlorophenol	50 ug/mL
					SMTCL DPH ST_00003	500 uL	1,4-Dichlorobenzene	25 ug/mL
							1,4-Dioxane	25 ug/mL
							2,3,5,6-Tetrachlorophenol	25 ug/mL
							2,4,5-Trichlorophenol	25 ug/mL
							2,4,6-Tribromophenol (Surr)	25 ug/mL
							2,4,6-Trichlorophenol	25 ug/mL
							2,4-Dichlorophenol	25 ug/mL
							2,4-Dimethylphenol	25 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2-Chlorophenol	25 ug/mL
							2-Fluorophenol (Surr)	25 ug/mL
							2-Methylphenol	25 ug/mL
							2-Nitrophenol	25 ug/mL
							3 & 4 Methylphenol	25 ug/mL
							4,6-Dinitro-2-methylphenol	25 ug/mL
							4-Chloro-3-methylphenol	25 ug/mL
							4-Nitrophenol	25 ug/mL
							Benzoic acid	50 ug/mL
							Benzyl alcohol	25 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenol	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL
							2,4-Toluene diamine	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	25 ug/mL
							3,3'-Dichlorobenzidine	25 ug/mL
							3,3'-Dimethoxybenzidine	25 ug/mL
							3-Nitroaniline	25 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	25 ug/mL
							4-Chloroaniline	25 ug/mL
							4-Nitroaniline	25 ug/mL
							Aniline	25 ug/mL
							Atrazine	25 ug/mL
							Benzidine	25 ug/mL
							N-Nitrosodi-n-propylamine	25 ug/mL
							N-Nitrosodimethylamine	25 ug/mL
							N-Nitrosodiphenylamine	25 ug/mL
							Pyridine	25 ug/mL
							1,1'-Biphenyl	25 ug/mL
							1,2-Diphenylhydrazine	25 ug/mL
							1-Methylnaphthalene	25 ug/mL
							2-Methylnaphthalene	25 ug/mL
							Acenaphthene	25 ug/mL
							Acenaphthylene	25 ug/mL
							Acetophenone	25 ug/mL
							Anthracene	25 ug/mL
							Azobenzene	25 ug/mL
							Benzo[a]anthracene	25 ug/mL
							Benzo[a]pyrene	25 ug/mL
							Benzo[b]fluoranthene	25 ug/mL
							Benzo[g,h,i]perylene	25 ug/mL
							Benzo[k]fluoranthene	25 ug/mL
							Bis(2-ethylhexyl) phthalate	25 ug/mL
							Butyl benzyl phthalate	25 ug/mL
							Caprolactam	25 ug/mL
							Carbazole	25 ug/mL
							Chrysene	25 ug/mL
							Di-n-butyl phthalate	25 ug/mL
							Di-n-octyl phthalate	25 ug/mL
							Dibenz(a,h)anthracene	25 ug/mL
							Dibenzofuran	25 ug/mL
							Diethyl phthalate	25 ug/mL
							Dimethyl phthalate	25 ug/mL
							Ethyl methacrylate	25 ug/mL
							Fluoranthene	25 ug/mL
							Fluorene	25 ug/mL
							Indeno[1,2,3-cd]pyrene	25 ug/mL
							Isophorone	25 ug/mL
							Naphthalene	25 ug/mL
							Phenanthrene	25 ug/mL
							Pyrene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3,5-Tetrachlorobenzene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dinitrobenzene	25 ug/mL
							1,3,5-Trichlorobenzene	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							2,4-Dinitrotoluene	25 ug/mL
							2,6-Dinitrotoluene	25 ug/mL
							2-Chloronaphthalene	25 ug/mL
							2-Fluorobiphenyl (Surr)	25 ug/mL
							3-Chloropropionitrile	25 ug/mL
							4-Bromophenyl phenyl ether	25 ug/mL
							4-Chlorophenyl phenyl ether	25 ug/mL
							Benzaldehyde	25 ug/mL
							bis (2-chloroisopropyl) ether	25 ug/mL
							Bis(2-chloroethoxy)methane	25 ug/mL
							Bis(2-chloroethyl)ether	25 ug/mL
							Hexachlorobenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Hexachlorocyclopentadiene	25 ug/mL
							Hexachloroethane	25 ug/mL
							Malononitrile	25 ug/mL
							Nitrobenzene	25 ug/mL
							Nitrobenzene-d5 (Surr)	25 ug/mL
							Terphenyl-d14 (Surr)	25 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14	Restek, Lot A081933			(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
VM250-IS_00012	04/10/13	10/10/12	MEOH, Lot 123279	100 mL	vmcus8126_00007	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00007	09/30/14	Ultra Scientific, Lot CJ-3237			(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250SS_00009	03/05/13	09/05/12	MEOH, Lot 117046	100 mL	VMCUS8125_00007	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VMCUS8125_00007	10/31/14	Ultra Scientific, Lot CG-3334			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	25000 ug/mL
							4-Bromofluorobenzene (Surr)	25000 ug/mL
							Dibromofluoromethane (Surr)	25000 ug/mL
							Toluene-d8 (Surr)	25000 ug/mL
VM2MNP_00062	12/09/12	11/09/12	MEOH, Lot na	1 mL	VMSV200_00008	1 mL	2-Methylnaphthalene	100 ug/mL
.VMSV200_00008	08/31/14	ULTRA, Lot CC-1268Z			(Purchased Reagent)		2-Methylnaphthalene	100 ug/mL
VM50IS_00021	11/21/12	08/21/12	MEOH, Lot 117046	50 mL	VMSTM520_00016	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.VMSTM520_00016	12/31/14	Ultra Scientific, Lot CH-3660			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00082	11/12/12	11/05/12	MEOH, Lot na	2 mL	vm50ss_stk_00041	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00041	01/02/13	10/03/12	MEOH, Lot 117046	50 mL	VMstm530_00014	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00014	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00083	11/20/12	11/13/12	MEOH, Lot na	2 mL	vm50ss_stk_00043	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00043	02/12/13	11/12/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vmap9_00099	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMCU12302_00010	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							3-Chloro-1-propene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexanone	500 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl ether	50 ug/mL
							Isobutyl alcohol	1000 ug/mL
							Isopropyl ether	250 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							n-Butanol	1000 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
.VMCU12302_00010	09/30/14	Ultra Scientific, Lot CJ-3239			(Purchased Reagent)		1,2,3-Trimethylbenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Cyclohexanone	500 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl ether	50 ug/mL
							Isobutyl alcohol	1000 ug/mL
							Isopropyl ether	250 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							n-Butanol	1000 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
VMCGAS_00095	11/12/12	11/05/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15	ULTRA, Lot CJ-0858			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMCGAS_00096	11/20/12	11/13/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASWS_00116	11/15/12	11/08/12	MEOH, Lot na	3 mL	VMFAS_00032	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMFAS_00032	11/22/12	10/22/12	MEOH, Lot 123279	100 mL	VM48799U_00009	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00015	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00009	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00015	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMPRIMARY_00146	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14		Ultra Scientific, Lot CJ-0210		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMPRIMARY_00147	11/20/12	11/13/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14	Ultra Scientific, Lot CJ-0210			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMSUPPW_00099	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VMCU5013_00008	1 mL	Vinyl acetate	50 ug/mL
					VMCUS8634_00007	1 mL	Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
					VMEPA1016_00003	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
..VM30006_00004	11/30/13	Restek, Lot A076449			(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
..VMCU5013_00008	01/31/13	Ultra, Lot CJ-3443			(Purchased Reagent)		Vinyl acetate	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VMCUS8634_00007	01/31/13	Ultra, Lot CJ-3453			(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Acrolein	25000 ug/mL
							Acrylonitrile	5000 ug/mL
..VMEPA1016_00003	04/30/13	Ultra, Lot CG-0850			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
HP34DNTSU_00007	03/13/13	09/13/12	Acetonitrile, Lot 0000732	50 mL	HP8330SU_00007	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
.HP8330SU_00007	03/13/13	Restek, Lot A087054			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
HP8330IC_00005	10/19/12	06/13/12	25% 0.1%HOAc in ACN, Lot 4457-41A	10 mL	HP8330TA_00007	25 uL	1,3,5-Trinitrobenzene	500 ng/mL
							1,3-Dinitrobenzene	500 ng/mL
							2,4,6-Trinitrotoluene	500 ng/mL
							2,4-Dinitrotoluene	500 ng/mL
							2,6-Dinitrotoluene	500 ng/mL
							2-Amino-4,6-dinitrotoluene	500 ng/mL
							2-Nitrotoluene	500 ng/mL
							3-Nitrotoluene	500 ng/mL
							4-Amino-2,6-dinitrotoluene	500 ng/mL
							4-Nitrotoluene	500 ng/mL
							HMX	500 ng/mL
							Nitrobenzene	500 ng/mL
							RDX	500 ng/mL
							Tetryl	500 ng/mL
					HPNGTA_00011	5 uL	Nitroglycerin	500 ng/mL
					HPPETNTA_00006	5 uL	PETN	500 ng/mL
.HP8330TA_00007	10/30/12	Cerilliant, Lot ER083011-01			(Purchased Reagent)		1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							2,4,6-Trinitrotoluene	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Amino-4,6-dinitrotoluene	200 ug/mL
							2-Nitrotoluene	200 ug/mL
							3-Nitrotoluene	200 ug/mL
							4-Amino-2,6-dinitrotoluene	200 ug/mL
							4-Nitrotoluene	200 ug/mL
							HMX	200 ug/mL
							Nitrobenzene	200 ug/mL
							RDX	200 ug/mL
							Tetryl	200 ug/mL
.HPNGTA_00011	10/31/12	Cerilliant, Lot FN052106-01			(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNTA_00006	10/30/12	Cerilliant, Lot FN102810-02			(Purchased Reagent)		PETN	1000 ug/mL
HP8330ICL_00002	12/07/12	07/27/12	25:75 HOAc/ACN, Lot 4457-41E	50 mL	HP34DNTSU_00004	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00006	5 uL	1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL
							2,4,6-Trinitrotoluene	5 ng/mL
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
					HPNGSP_00004	20 uL	Nitroglycerin	20 ng/mL
					HPPETNSP_00003	20 uL	PETN	20 ng/mL
.HP34DNTSU_00004	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00004	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00004	12/07/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HP8330SP_00005	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP8330SP_00005	12/11/12		Restek, Lot A078069		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L1_00004	12/07/12	08/29/12	25% 1%HoAC in ACN 75, Lot 4457-51G	50 mL	HP8330L4_00003	5 mL	3,4-Dinitrotoluene	5 ng/mL
							3,5-Dinitroaniline	5 ng/mL
							1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trinitrotoluene	5 ng/mL
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
							Ethylene glycol dinitrate	5 ng/mL
							Nitroglycerin	5 ng/mL
							2,4,6-Trinitrophenol	10 ng/mL
							PETN	5 ng/mL
.HP8330L4_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	50 uL	3,4-Dinitrotoluene	50 ng/mL
					HP8330SP_00008	50 uL	3,5-Dinitroaniline	50 ng/mL
							1,3,5-Trinitrobenzene	50 ng/mL
							1,3-Dinitrobenzene	50 ng/mL
							2,4,6-Trinitrotoluene	50 ng/mL
							2,4-Dinitrotoluene	50 ng/mL
							2,6-Dinitrotoluene	50 ng/mL
							2-Amino-4,6-dinitrotoluene	50 ng/mL
							2-Nitrotoluene	50 ng/mL
							3-Nitrotoluene	50 ng/mL
							4-Amino-2,6-dinitrotoluene	50 ng/mL
							4-Nitrotoluene	50 ng/mL
							HMX	50 ng/mL
							Nitrobenzene	50 ng/mL
							RDX	50 ng/mL
							Tetryl	50 ng/mL
					HPEGDNSP_00003	50 uL	Ethylene glycol dinitrate	50 ng/mL
					HPNGSP_00004	50 uL	Nitroglycerin	50 ng/mL
					HPPASP_00006	100 uL	2,4,6-Trinitrophenol	100 ng/mL
					HPPETNSP_00003	50 uL	PETN	50 ng/mL
..HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
...HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
..HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
...HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
...HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
..HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
...HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
..HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
...HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
..HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
...HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
..HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
...HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L2_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	10 uL	3,4-Dinitrotoluene	10 ng/mL
					HP8330SP_00008	10 uL	3,5-Dinitroaniline	10 ng/mL
							1,3,5-Trinitrobenzene	10 ng/mL
							1,3-Dinitrobenzene	10 ng/mL
							2,4,6-Trinitrotoluene	10 ng/mL
							2,4-Dinitrotoluene	10 ng/mL
							2,6-Dinitrotoluene	10 ng/mL
							2-Amino-4,6-dinitrotoluene	10 ng/mL
							2-Nitrotoluene	10 ng/mL
							3-Nitrotoluene	10 ng/mL
							4-Amino-2,6-dinitrotoluene	10 ng/mL
							4-Nitrotoluene	10 ng/mL
							HMX	10 ng/mL
							Nitrobenzene	10 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							RDX	10 ng/mL
							Tetryl	10 ng/mL
					HPEGDNSP_00003	10 uL	Ethylene glycol dinitrate	10 ng/mL
					HPNGSP_00004	10 uL	Nitroglycerin	10 ng/mL
					HPPASP_00006	20 uL	2,4,6-Trinitrophenol	20 ng/mL
					HPPETNSP_00003	10 uL	PETN	10 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L3_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00008	20 uL	3,5-Dinitroaniline	20 ng/mL
							1,3,5-Trinitrobenzene	20 ng/mL
							1,3-Dinitrobenzene	20 ng/mL
							2,4,6-Trinitrotoluene	20 ng/mL
							2,4-Dinitrotoluene	20 ng/mL
							2,6-Dinitrotoluene	20 ng/mL
							2-Amino-4,6-dinitrotoluene	20 ng/mL
							2-Nitrotoluene	20 ng/mL
							3-Nitrotoluene	20 ng/mL
							4-Amino-2,6-dinitrotoluene	20 ng/mL
							4-Nitrotoluene	20 ng/mL
							HMX	20 ng/mL
							Nitrobenzene	20 ng/mL
							RDX	20 ng/mL
							Tetryl	20 ng/mL
					HPEGDNSP_00003	20 uL	Ethylene glycol dinitrate	20 ng/mL
					HPNGSP_00004	20 uL	Nitroglycerin	20 ng/mL
					HPPASP_00006	50 uL	2,4,6-Trinitrophenol	50 ng/mL
					HPPETNSP_00003	20 uL	PETN	20 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L4_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	50 uL	3,4-Dinitrotoluene	50 ng/mL
					HP8330SP_00008	50 uL	3,5-Dinitroaniline	50 ng/mL
							1,3,5-Trinitrobenzene	50 ng/mL
							1,3-Dinitrobenzene	50 ng/mL
							2,4,6-Trinitrotoluene	50 ng/mL
							2,4-Dinitrotoluene	50 ng/mL
							2,6-Dinitrotoluene	50 ng/mL
							2-Amino-4,6-dinitrotoluene	50 ng/mL
							2-Nitrotoluene	50 ng/mL
							3-Nitrotoluene	50 ng/mL
							4-Amino-2,6-dinitrotoluene	50 ng/mL
							4-Nitrotoluene	50 ng/mL
							HMX	50 ng/mL
							Nitrobenzene	50 ng/mL
							RDX	50 ng/mL
							Tetryl	50 ng/mL
					HPEGDNSP_00003	50 uL	Ethylene glycol dinitrate	50 ng/mL
					HPNGSP_00004	50 uL	Nitroglycerin	50 ng/mL
					HPPASP_00006	100 uL	2,4,6-Trinitrophenol	100 ng/mL
					HPPETNSP_00003	50 uL	PETN	50 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L5_00004	12/07/12	08/29/12	25% 1%HoAC in ACN 75, Lot 4457-17F	200 mL	HP34DNTSU_00005	400 uL	3,4-Dinitrotoluene	100 ng/mL
					HP8330SP_00008	400 uL	3,5-Dinitroaniline	100 ng/mL
							1,3,5-Trinitrobenzene	100 ng/mL
							1,3-Dinitrobenzene	100 ng/mL
							2,4,6-Trinitrotoluene	100 ng/mL
							2,4-Dinitrotoluene	100 ng/mL
							2,6-Dinitrotoluene	100 ng/mL
							2-Amino-4,6-dinitrotoluene	100 ng/mL
							2-Nitrotoluene	100 ng/mL
							3-Nitrotoluene	100 ng/mL
							4-Amino-2,6-dinitrotoluene	100 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrotoluene	100 ng/mL
							HMX	100 ng/mL
							Nitrobenzene	100 ng/mL
							RDX	100 ng/mL
							Tetryl	100 ng/mL
					HPEGDNSP_00003	400 uL	Ethylene glycol dinitrate	100 ng/mL
					HPNGSP_00004	400 uL	Nitroglycerin	100 ng/mL
					HPPASP_00006	800 uL	2,4,6-Trinitrophenol	200 ng/mL
					HPPETNSP_00003	400 uL	PETN	100 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16	Restek, Lot A085338			(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15	Restek, Lot A084334			(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12	Restek, Lot A066822			(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12	Restek, Lot A082035			(Purchased Reagent)		Nitroglycerin	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L6_00004	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	100 mL	HP34DNTSU_00005	400 uL	3,4-Dinitrotoluene	200 ng/mL
					HP8330SP_00008	400 uL	3,5-Dinitroaniline	200 ng/mL
							1,3,5-Trinitrobenzene	200 ng/mL
							1,3-Dinitrobenzene	200 ng/mL
							2,4,6-Trinitrotoluene	200 ng/mL
							2,4-Dinitrotoluene	200 ng/mL
							2,6-Dinitrotoluene	200 ng/mL
							2-Amino-4,6-dinitrotoluene	200 ng/mL
							2-Nitrotoluene	200 ng/mL
							3-Nitrotoluene	200 ng/mL
							4-Amino-2,6-dinitrotoluene	200 ng/mL
							4-Nitrotoluene	200 ng/mL
							HMX	200 ng/mL
							Nitrobenzene	200 ng/mL
							RDX	200 ng/mL
							Tetryl	200 ng/mL
					HPEGDNSP_00003	400 uL	Ethylene glycol dinitrate	200 ng/mL
					HPNGSP_00004	400 uL	Nitroglycerin	200 ng/mL
					HPPASP_00006	1000 uL	2,4,6-Trinitrophenol	500 ng/mL
					HPPETNSP_00003	400 uL	PETN	200 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L7_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	25 mL	HP34DNTSU_00005	150 uL	3,4-Dinitrotoluene	300 ng/mL
					HP8330SP_00008	250 uL	3,5-Dinitroaniline	500 ng/mL
							1,3,5-Trinitrobenzene	500 ng/mL
							1,3-Dinitrobenzene	500 ng/mL
							2,4,6-Trinitrotoluene	500 ng/mL
							2,4-Dinitrotoluene	500 ng/mL
							2,6-Dinitrotoluene	500 ng/mL
							2-Amino-4,6-dinitrotoluene	500 ng/mL
							2-Nitrotoluene	500 ng/mL
							3-Nitrotoluene	500 ng/mL
							4-Amino-2,6-dinitrotoluene	500 ng/mL
							4-Nitrotoluene	500 ng/mL
							HMX	500 ng/mL
							Nitrobenzene	500 ng/mL
							RDX	500 ng/mL
							Tetryl	500 ng/mL
					HPEGDNSP_00003	250 uL	Ethylene glycol dinitrate	500 ng/mL
					HPNGSP_00004	250 uL	Nitroglycerin	500 ng/mL
					HPPASP_00006	500 uL	2,4,6-Trinitrophenol	1000 ng/mL
					HPPETNSP_00003	250 uL	PETN	500 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L8_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	25 mL	HP34DNTSU_00005	250 uL	3,4-Dinitrotoluene	500 ng/mL
					HP8330SP_00008	500 uL	3,5-Dinitroaniline	1000 ng/mL
							1,3,5-Trinitrobenzene	1000 ng/mL
							1,3-Dinitrobenzene	1000 ng/mL
							2,4,6-Trinitrotoluene	1000 ng/mL
							2,4-Dinitrotoluene	1000 ng/mL
							2,6-Dinitrotoluene	1000 ng/mL
							2-Amino-4,6-dinitrotoluene	1000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrotoluene	1000 ng/mL
							3-Nitrotoluene	1000 ng/mL
							4-Amino-2,6-dinitrotoluene	1000 ng/mL
							4-Nitrotoluene	1000 ng/mL
							HMX	1000 ng/mL
							Nitrobenzene	1000 ng/mL
							RDX	1000 ng/mL
							Tetryl	1000 ng/mL
					HPEGDNSP_00003	500 uL	Ethylene glycol dinitrate	1000 ng/mL
					HPNGSP_00004	500 uL	Nitroglycerin	1000 ng/mL
					HPPASP_00006	1 mL	2,4,6-Trinitrophenol	2000 ng/mL
					HPPETNSP_00003	500 uL	PETN	1000 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16	Restek, Lot A085338			(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15	Restek, Lot A084334			(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
.HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
.HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
HPNCSP_00007	04/05/13	11/05/12	Acetone, Lot Acetone_00004	200 mL	HPNCTA_00001	0.102 g	Nitrocellulose	510 ug/mL
.HPNCTA_00001	03/19/17		Theater Affects, Lot 031912		(Purchased Reagent)		Nitrocellulose	1 g/g
HPNGSP_00006	12/07/12	09/05/12	Methanol, Lot K18E18	50 mL	HPNGTA_00003	2.5 mL	Nitroglycerin	50 ug/mL
.HPNGTA_00003	03/06/13		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
HPNQ2xMDL_00002	04/15/13	10/16/12	DI Water, Lot M10152012	4 mL	HPNQL2_00003	1 mL	Nitroguanidine	5 ng/mL
.HPNQL2_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	20 uL	Nitroguanidine	20 ng/mL
..HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQIC_00002	12/12/12	06/12/12	Water, Lot NA	50 mL	HPNQTA_00009	0.1 mL	Nitroguanidine	200 ng/mL
.HPNQTA_00009	12/12/12		AccuStandard, Inc, Lot 211111014		(Purchased Reagent)		Nitroguanidine	100 ug/mL
HPNQL2_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	20 uL	Nitroguanidine	20 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL3_00003	04/15/13	10/12/12	Water, Lot M10152012	50 mL	HPNQSP_00006	50 uL	Nitroguanidine	50 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL4_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	100 uL	Nitroguanidine	100 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL5_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	200 uL	Nitroguanidine	200 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL6_00003	04/15/13	10/16/12	Water, Lot M10152012	25 mL	HPNQSP_00006	250 uL	Nitroguanidine	500 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL7_00003	04/15/13	10/16/12	Water, Lot M10152012	25 mL	HPNQSP_00006	500 uL	Nitroguanidine	1000 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
.HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPPETNSP_00005	03/05/13	09/05/12	Methanol, Lot K41815	50 mL	HPPETNTA_00009	2.5 mL	PETN	50 ug/mL
.HPPETNTA_00009	03/05/13		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
WC-353.2-ICV_00010	12/14/12	11/14/12	DI Water, Lot xxxx	100 mL	WC-N02-1000_00014	0.05 mL	Nitrate Nitrite as N	1 mg/L as N
							Nitrocellulose	4.491 mg/L as N
					WC-N03-1000_00002	0.05 mL	Nitrate Nitrite as N	1 mg/L as N
							Nitrocellulose	4.491 mg/L as N
.WC-N02-1000_00014	08/14/13		CPI International, Lot 12B200		(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8475 mg/L as N
.WC-N03-1000_00002	08/14/13		RICCA, Lot 1204143		(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	507 mg/L as N
WC-353.2-L1_00011	12/14/12	11/14/12	DI Water, Lot xxxx	100 mL	WC-353.2-INT_00009	0.05 mL	Nitrocellulose	0.42375 mg/L as N
.WC-353.2-INT_00009	12/14/12	11/14/12	DI Water, Lot xxxxxxx	10 mL	WC-N02-1000_00013	0.5 mL	Nitrocellulose	847.5 mg/L as N
					WC-N03-1000_00003	0.5 mL	Nitrocellulose	847.5 mg/L as N

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..WC-N02-1000_00013	11/09/13	ERA, Lot 210912			(Purchased Reagent)		Nitrocellulose	8475 mg/L as N
..WC-N03-1000_00003	04/19/13	ERA, Lot 2040212			(Purchased Reagent)		Nitrocellulose	8475 mg/L as N
WC-353.2-L4_00008	12/14/12	11/14/12	DI Water, Lot xxxx	100 mL	WC-353.2-INT_00009	1 mL	Nitrate Nitrite as N	1 mg/L as N
							Nitrocellulose	8.475 mg/L as N
.WC-353.2-INT_00009	12/14/12	11/14/12	DI Water, Lot xxxxxxx	10 mL	WC-N02-1000_00013	0.5 mL	Nitrate Nitrite as N	100 mg/L as N
							Nitrocellulose	847.5 mg/L as N
					WC-N03-1000_00003	0.5 mL	Nitrate Nitrite as N	100 mg/L as N
							Nitrocellulose	847.5 mg/L as N
..WC-N02-1000_00013	11/09/13	ERA, Lot 210912			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8475 mg/L as N
..WC-N03-1000_00003	04/19/13	ERA, Lot 2040212			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8475 mg/L as N

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Certificate of Analysis

rec'd SG 8-24-12

Product Description:

Name:	Mercury	Source Material:	Mercury Metal
Part Number:	**10 33-1**	Material Purity:	99.9998%
Lot Number:	**1221902**	Matrix:	5% (v/v) HNO_3

Certified Value: 10.0 µg/mL ± 0.1 µg/mL

The Certified value is based on gravimetric and volumetric preparation, and confirmed against SRM 3133 (lot number 061204) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2.

Preparation Information:

The standard solution is prepared using high purity materials and assayed by analytical methods for conformity prior to use. This standard was prepared using the methods developed at NIST for SRM Spectrometric Standard Solutions under appropriate laboratory conditions.

Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 mega ohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards:**
The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: August 6, 2012
Shipped Date: AUG 2 0 2012
Expiration Date: AUG 2 0 2013
Certificate Issue Date: August 7, 2012

Quality Information:

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

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Certificate of Analysis

rec'd 7-12-12 SG

Product Description:

Name:	ICP-MS-2
Part Number:	**SM-606-049**
Lot Number:	**1218529**
Matrix:	5% HNO_3
Purity:	99.98% - 99.9995%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Al	1000 ± 5	3101a	060502	Mg	1000 ± 5	3131a	050302
Ca	1000 ± 5	3109a	050825	K	1000 ± 5	3141a	051220
Fe	1000 ± 5	3126a	051031	Na	1000 ± 5	3152a	010728

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2
* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 3, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 5, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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Recd 1.12.12 4PM

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Certificate of Analysis

SM-606-021 (ICV/LCS-1 10ppm)

Solution A

Lot # 1200416

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.997+%	HNO_3, 2%	10 µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 10 2013
MSDS ATTACHED

SM-606-021 (ICV/LCS-1 10ppm)

Solution A

Element List

(10 µg/mL)

Arsenic
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Nickel
Selenium
Strontium
Thallium
Vanadium
Zinc

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Certificate of Analysis

Rec'd 9-13-12 km

Product Description:

Name:	ICPMS 1A
Part Number:	**SM-606-119**
	Solution A
Lot Number:	**1225405**
Matrix:	2% HNO_3
* Purity:	99.995% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
As	100 ± 1	3103a	100818	Mn	100 ± 1	3132	050429
Ba	100.0 ± 0.6	3104a	070222	Ni	100.0 ± 0.5	3136	000612
Be	100 ± 1	3105a	090514	Se	100 ± 1	3149	100901
Cd	100.0 ± 0.5	3108	060531	Sr	100.0 ± 0.5	3153a	990906
Cr	100.0 ± 0.5	3112a	030730	Tl	25 ± 0.2	3158	993012
Co	100.0 ± 0.5	3113	000630	V	100.0 ± 0.6	3165	992706
Cu	100.0 ± 0.5	3114	011017	Zn	100.0 ± 0.5	3168a	080123
Pb	100.0 ± 0.6	3128	101026				

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: **September 10, 2012**
Shipped Date: SEP 1 1 2012
Expiration Date: SEP 1 1 2013
Certificate Issue Date: **September 10, 2012**

Quality Information:

ACLASS ACCREDITED TESTING
ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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Recd 1.12.12 VPM

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Certificate of Analysis

SM-606-021 (ICV/LCS-1 10ppm)

Solution B

Lot # 1200435

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.8+%	HNO_3, 2% + Tr HF	10 µg/mL ± 0.5% Antimony, Molybdenum, Silver, Tin, Titanium, Tungsten, Zirconium

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 10 2013

MSDS ATTACHED

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Certificate of Analysis

Rec'd 9-13-12 km

Product Description:

Name:	ICPMS 1B
Part Number:	**SM-606-119**
	Soluiton B
Lot Number:	**1225412**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.98% - 99.999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	10.0 ± 0.6	3102a	061229	Sn	10.0 ± 0.6	3161a	070330
B	10.0 ± 0.5	3107	070514	Ti	10.0 ± 0.6	3162a	060808
Mo	10.0 ± 0.6	3134	891307	W	10.0 ± 0.6	3163	080331
Ag	10.0 ± 0.5	3151	992212				

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2
* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

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The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: September 10, 2012
Shipped Date: SEP 1 1 2012
Expiration Date: SEP 1 1 2013
Certificate Issue Date: September 10, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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fax: 540.585.3012
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CERTIFICATE OF ANALYSIS

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: STLPA-CAL-SPECA-REV

Lot Number: **F2-MEB428149**

Matrix: 3% HNO3(v/v)

2,500 µg/mL ea:
Ca, K, Mg, Na,

1,250 µg/mL ea:
Fe,

25 µg/mL ea:
Al, Mn,

5 µg/mL ea:
Ag, As, Ba, Be, Cd, Co, Cr3, Cu, Ni,
Pb, Se, Sr, Tl, V, Zn

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	24.99 ± 0.20 µg/mL	Arsenic, As	5.001 ± 0.032 µg/mL	Barium, Ba	5.000 ± 0.036 µg/mL
Beryllium, Be	5.000 ± 0.036 µg/mL	Cadmium, Cd	5.000 ± 0.032 µg/mL	Calcium, Ca	2,500 ± 17 µg/mL
Chromium+3, Cr3	5.001 ± 0.032 µg/mL	Cobalt, Co	5.001 ± 0.032 µg/mL	Copper, Cu	5.000 ± 0.032 µg/mL
Iron, Fe	1,250 ± 8 µg/mL	Lead, Pb	5.000 ± 0.032 µg/mL	Magnesium, Mg	2,500 ± 16 µg/mL
Manganese, Mn	24.99 ± 0.19 µg/mL	Nickel, Ni	5.000 ± 0.028 µg/mL	Potassium, K	2,500 ± 18 µg/mL
Selenium, Se	5.000 ± 0.028 µg/mL	Silver, Ag	5.000 ± 0.032 µg/mL	Sodium, Na	2,500 ± 17 µg/mL
Strontium, Sr	5.000 ± 0.032 µg/mL	Thallium, Tl	5.000 ± 0.032 µg/mL	Vanadium, V	5.001 ± 0.032 µg/mL
Zinc, Zn	5.001 ± 0.032 µg/mL				

Certified Density: 1.051 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\Sigma x_i}{n}$ ($\bar{x}$) = mean

x_i = individual results

n = number of measurements

Uncertainty (±) = $2 [\Sigma(s_i)^2]^{½}$ 2 = the coverage factor.

$[\Sigma(s_i)^2]^{½}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	992212	Ag	Volhard	999b	999b
Al	ICP Assay	3101a	060502	Al	EDTA	928	928
As	Calculated		See Sec. 4.2	As	ICP Assay	3103a	010713
Ba	Gravimetric		See Sec. 4.2	Ba	ICP Assay	3104a	070222
Be	Calculated		See Sec. 4.2	Be	ICP Assay	3105a	892707
Ca	ICP Assay	3109a	050825	Ca	EDTA	928	928
Cd	ICP Assay	3108	060531	Cd	EDTA	928	928
Co	ICP Assay	3113	00630	Co	EDTA	928	928
Cr3	Calculated		See Sec. 4.2	Cr3	ICP Assay	3112a	030730
Cu	ICP Assay	3114	011017	Cu	EDTA	928	928
Fe	ICP Assay	3126a	051031	Fe	EDTA	928	928
K	Gravimetric		See Sec. 4.2	K	ICP Assay	3141a	051220
Mg	ICP Assay	3131a	050302	Mg	EDTA	928	928
Mn	ICP Assay	3132	050429	Mn	EDTA	928	928
Na	Gravimetric		See Sec. 4.2	Na	ICP Assay	3152a	010728
Ni	ICP Assay	3136	000612	Ni	EDTA	928	928
Pb	ICP Assay	3128	101026	Pb	EDTA	928	928
Se	Calculated		See Sec. 4.2	Se	ICP Assay	3149	992106
Sr	ICP Assay	3153a	990906	Sr	EDTA	928	928
Tl	Calculated		See Sec. 4.2	Tl	ICP Assay	3158	993012
V	ICP Assay	3165	992706	V	EDTA	928	928
Zn	ICP Assay	3168a	080123	Zn	EDTA	928	928

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4ºC. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

Low Silver Note: This solution contains "LOW" levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: July 03, 2012

Expiration Date: EXPIRES 01 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Christy Shortridge
Product Documentation Technician

Christy Shortridge

Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor

Brian Alexander

Certifying Officer: Paul Gaines
PhD., Senior Technical Director

Paul R Gaines

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CERTIFICATE OF ANALYSIS

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1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: CAL-SPECC

Lot Number: **F2-MEB428150**

Matrix: tr. HF, 3% HNO3(v/v)

Reed 7/13/12

5 µg/mL ea:

B, Mo, Sb, Sn, Ti, W

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	4.999 ± 0.046 µg/mL	Boron, B	4.999 ± 0.032 µg/mL	Molybdenum, Mo	4.999 ± 0.036 µg/mL
Tin, Sn	4.999 ± 0.041 µg/mL	Titanium, Ti	4.999 ± 0.040 µg/mL	Tungsten, W	5.000 ± 0.032 µg/mL

Certified Density: 1.014 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = 2\,[\,\Sigma(s_i)^2\,]^{1/2}$$

$(\bar{x})$ = mean

x_i = individual results

n = number of measurements

2 = the coverage factor.

$[\,\Sigma(s_i)^2\,]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 **TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 **ASSAY INFORMATION**

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	Calculated		See Sec. 4.2	B	ICP Assay	3107	070514
Mo	Calculated		See Sec. 4.2	Mo	ICP Assay	3134	891307
Sb	Calculated		See Sec. 4.2	Sb	ICP Assay	3102A	061229
Sn	Calculated		See Sec. 4.2	Sn	ICP Assay	3161a	070330
Ti	Calculated		See Sec. 4.2	Ti	ICP Assay	3162a	060808
W	Calculated		See Sec. 4.2	W	ICP Assay	3163	080331

4.2 **BALANCE CALIBRATION -** All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION -** All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION -** An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration
- QMI File Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: July 03, 2012

Expiration Date: EXPIRES 01/2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Christy Shortridge
Product Documentation Technician

Christy Shortridge

Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor

Brian Alexander

Certifying Officer: Paul Gaines
PhD., Senior Technical Director

Paul R Gaines

HIGH-PURITY STANDARDS
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P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

Read 10/2/12
BLD

Product Description:

Name:	ICPMS RL-R
Part Number:	**SM-606-087**
Lot Number:	**1226917**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.98% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Al	10.00 ± 0.05	3101a	060502	Mn	0.200 ± 0.002	3132	050429
Sb	0.400 ± 0.004	3102a	061229	Mo	2.00 ± 0.02	3134	891307
As	0.400 ± 0.004	3103a	100818	Ni	0.400 ± 0.004	3136	000612
Ba	0.200 ± 0.002	3104a	070222	K	200 ± 1	3141a	051220
Be	0.200 ± 0.002	3105a	090514	Se	0.400 ± 0.004	3149	100901
B	2.00 ± 0.01	3107	070514	Ag	0.100 ± 0.001	3151	992212
Cd	0.100 ± 0.001	3108	060531	Na	200 ± 1	3152a	010728
Ca	200 ± 1	3109a	050825	Sr	2.00 ± 0.01	3153a	990906
Cr	0.400 ± 0.004	3112a	030730	Tl	0.200 ± 0.002	3158	993012
Co	0.200 ± 0.002	3113	000630	Sn	2.00 ± 0.02	3161a	070330
Cu	0.400 ± 0.004	3114	011017	Ti	2.00 ± 0.02	3162a	060808
Fe	10.00 ± 0.05	3126a	051031	W	2.00 ± 0.02	3163	080331
Pb	0.200 ± 0.002	3128	101026	V	1.00 ± 0.01	3165	992706
Mg	200 ± 1	3131a	050302	Zn	2.00 ± 0.01	3168a	080123

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2
* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived

units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: September 25, 2012
Shipped Date: SEP 2 8 2012
Expiration Date: SEP 2 8 2013
Certificate Issue Date: September 27, 2012

Quality Information:

ACLASS ACCREDITED TESTING
ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

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CERTIFICATE OF ANALYSIS

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1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 683.01 — ACCREDITED Reference Material Producer Certificate 683.02

2.0 **DESCRIPTION OF CRM**

	Stock Solution
Catalog No.:	6020ICS-0A
Lot Number:	**E2-MEB371022**
Matrix:	1.4% HNO3(v/v)

Rec'd 4/16/12 BLD

10,000 µg/mL ea:
Chloride,

2,000 µg/mL ea:
C,

1,000 µg/mL ea:
Al, Ca, Fe, K, Mg, Na, P, S,

20 µg/mL ea:
Mo, Ti

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	1,002 ± 6 µg/mL	Calcium, Ca	1,002 ± 6 µg/mL	Carbon, C	2,004 ± 10 µg/mL
Chloride, Chloride	10,020.0 ± 20.0 µg/mL	Iron, Fe	1,002 ± 3 µg/mL	Magnesium, Mg	1,002 ± 7 µg/mL
Molybdenum, Mo	20.04 ± 0.10 µg/mL	Phosphorus, P	1,002 ± 5 µg/mL	Potassium, K	1,002 ± 5 µg/mL
Sodium, Na	1,002 ± 3 µg/mL	Sulfur, S	1,002 ± 5 µg/mL	Titanium, Ti	20.04 ± 0.10 µg/mL

Certified Density: 1.032 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

($\bar{x}$) = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Al	ICP Assay	3101a	060502
C	Gravimetric		See Sec. 4.2
Ca	EDTA	928	928
Chloride	Volhard	999b	999b
Fe	EDTA	928	928
K	ICP Assay	3141a	051220
Mg	EDTA	928	928
Mo	ICP Assay	3134	891307
Na	ICP Assay	3152a	010728
P	Acidimetric	84k	84k
S	Acidimetric	84k	84k
Ti	ICP Assay	3162a	060808

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Al	EDTA	928	928
Ca	ICP Assay	3109a	050825
Chloride	IC Assay	3182	060925
Fe	ICP Assay	3126a	051031
K	Calculated		See Sec. 4.2
Mg	ICP Assay	3131a	050302
Mo	Calculated		See Sec. 4.2
Na	Gravimetric		See Sec. 4.2
P	ICP Assay	3139a	890607
S	ICP Assay	3154	892205
Ti	Calculated		See Sec. 4.2

4.2 BALANCE CALIBRATION - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 THERMOMETER CALIBRATION - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 GLASSWARE CALIBRATION - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL

Custom-Grade solutions are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

s	Al		M	Dy	< 0.006000	O	Li	0.002200	M	Pr	< 0.000300	M	Te	< 0.030000
M	Sb	< 0.000500	M	Er	< 0.005000	M	Lu	< 0.000400	M	Re	< 0.001000	M	Tb	< 0.000300
O	As	< 0.006000	M	Eu	< 0.003000	s	Mg		M	Rh	< 0.001000	M	Tl	< 0.001000
O	Ba	0.001200	M	Gd	< 0.001000	O	Mn	< 0.010000	M	Rb	0.051999	M	Th	< 0.001000
O	Be	< 0.000090	M	Ga	< 0.001000	O	Hg	< 0.014000	M	Ru	< 0.002000	M	Tm	< 0.000400
M	Bi	< 0.000400	O	Ge	< 0.010000	s	Mo		M	Sm	< 0.001000	M	Sn	< 0.005000
O	B	< 0.050000	M	Au	< 0.003000	M	Nd	< 0.002000	M	Sc	< 0.010000	s	Ti	
O	Cd	< 0.005000	M	Hf	< 0.002000	O	Ni	< 0.010000	M	Se	< 0.299996	M	W	< 0.010000
s	Ca		M	Ho	< 0.000500	M	Nb	< 0.000500	N	Si		M	U	< 0.002000
M	Ce	< 0.005000	M	In	< 0.010000	n	Os		M	Ag	< 0.002000	O	V	< 0.010000
M	Cs	0.042999	M	Ir	< 0.005000	M	Pd	< 0.005000	s	Na		M	Yb	< 0.001000
O	Cr	< 0.010000	s	Fe		s	P		O	Sr	0.003200	M	Y	< 0.039999
M	Co	< 0.003000	M	La	< 0.000500	M	Pt	< 0.002000	s	S		O	Zn	< 0.020000
M	Cu	< 0.006000	M	Pb	< 0.003000	s	K		M	Ta	< 0.007000	M	Zr	< 0.005000

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4ºC. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element; Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to in-house procedure IV-MPM-004 and is guaranteed to be homogeneous.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration
- QMI Certificate Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: April 01, 2011

Expiration Date: EXPIRES 01 M 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Brenda Francis, Product Documentation Technician

Certificate Approved By: Madeline Gozzi, Quality Control Supervisor

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

HIGH-PURITY STANDARDS
www.highpuritystandards.com

P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
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Certificate of Analysis

rec'd 7-12-12 SG

Product Description:

Part Number:	**SM-606-031**
	Solution A
Lot Number:	**1218526**
Matrix:	2% HNO_3
Purity:	99.997% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
As	20.0 ± 0.2	3103a	100818	Pb	20.00 ± 0.12	3128	101026
Ba	20.00 ± 0.12	3104a	070222	Mn	20.0 ± 0.2	3132	050429
Be	20.0 ± 0.2	3105a	090514	Ni	20.0 ± 0.1	3136	000612
B	20.0 ± 0.1	3107	070514	Se	20.0 ± 0.2	3149	100901
Cd	20.0 ± 0.1	3108	060531	Sr	20.0 ± 0.1	3153a	990906
Cr	20.0 ± 0.1	3112a	030730	Tl	20.0 ± 0.1	3158	993012
Co	20.0 ± 0.1	3113	000630	V	20.00 ± 0.12	3165	992706
Cu	20.0 ± 0.1	3114	011017	Zn	20.0 ± 0.1	3168a	080123

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 3, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 9, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

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Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

rec'd 7-12-12 SG

Product Description:

Part Number:	**SM-606-031**
	Solution B
Lot Number:	**1218527**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.8% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	20.00 ± 0.12	3102a	061229	Ti	20.00 ± 0.12	3162a	060808
Mo	20.00 ± 0.12	3134	891307	W	20.00 ± 0.12	3163	080331
Ag	20.0 ± 0.1	3151	992212	Zr	20.00 ± 0.12	3169	071226
Sn	20.00 ± 0.12	3161a	070330				

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 3, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 9, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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Certificate of Analysis

Revd 1-18-12 hjm

SM-606-102 (ICPMS ICV)

Lot # 1201317

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts and Oxides	99.98+%	HNO_3, 2%	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 16 2013
MSDS ATTACHED

SM-606-102
(ICPMS ICV)
Element List
(µg/mL)

Aluminum	10
Arsenic	2
Barium	2
Beryllium	2
Cadmium	2
Calcium	1000
Chromium	2
Cobalt	2
Copper	2
Iron	500
Lead	2
Magnesium	1000
Manganese	10
Nickel	2
Potassium	1000
Selenium	2
Silver	2
Sodium	1000
Strontium	2
Thallium	2
Vanadium	2
Zinc	2

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Certificate of Analysis

rec'd 7-12-12 SC

Product Description:

Name:	ICV-SPECC
Part Number:	**SM-606-079**
Lot Number:	**1218720**
Matrix:	2% HNO_3 + 0.1% HF
Purity:	99.98% - 99.999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	2.00 ± 0.01	3102a	061229	Sn	2.00 ± 0.01	3161a	070330
B	2.00 ± 0.01	3107	070514	Ti	2.00 ± 0.01	3162a	060808
Mo	2.00 ± 0.01	3134	891307	W	2.00 ± 0.01	3163	080331

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 5, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 10, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

Certificate of Analysis

Aroclor 1016 Solution

Product Number: PP-281 **Page:** 1 of 1

Lot Number: CF-0785 **Lot Issue Date:** 26-Feb-2009 **Expiration Date:** 31-Mar-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1016	012674-11-2	F216A	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1221 Solution

Product Number: PP-291 **Page:** 1 of 1

Lot Number: CB-1791Z **Lot Issue Date:** 01-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1221	011104-28-2	AM-24	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1232 Solution

Product Number: PP-301 **Page:** 1 of 1

Lot Number: CG-3213 **Lot Issue Date:** 28-Sep-2010 **Expiration Date:** 31-Oct-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1232	011141-16-5	NT01717	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1242 Solution

Product Number: PP-311 **Page:** 1 of 1

Lot Number: CH-2711 **Lot Issue Date:** 25-Aug-2011 **Expiration Date:** 30-Sep-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1242	053469-21-9	NT01020	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1248 Solution

Product Number: PP-341 **Page:** 1 of 1

Lot Number: CH-3256 **Lot Issue Date:** 27-Oct-2011 **Expiration Date:** 30-Nov-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1248	012672-29-6	NT01718	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1254 Solution

Product Number: PP-351 **Page:** 1 of 1

Lot Number: CF-1469 **Lot Issue Date:** 14-Apr-2009 **Expiration Date:** 31-May-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1254	011097-69-1	K040	100.2 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1260 Solution

Product Number: PP-361 **Page:** 1 of 1

Lot Number: CG-3829 **Lot Issue Date:** 04-Nov-2010 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1260	011096-82-5	NT01023	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

RESTEK

TVIMS Received 12/13/11

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Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32039 **Lot No.:** A082781

Description : Aroclor® 1016/1260 Mix

PCB Mix, Aroclor 1016/1260, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] August 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1016	12674-11-2	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
2	Aroclor 1260	11096-82-5	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

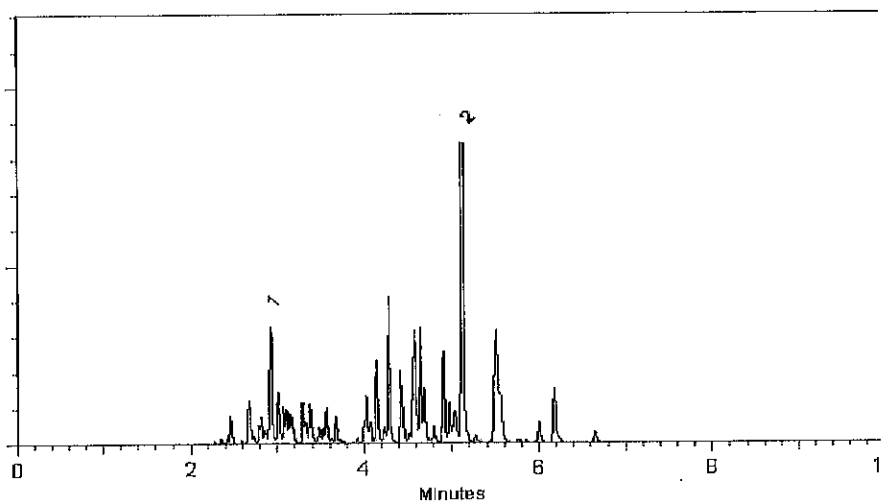
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

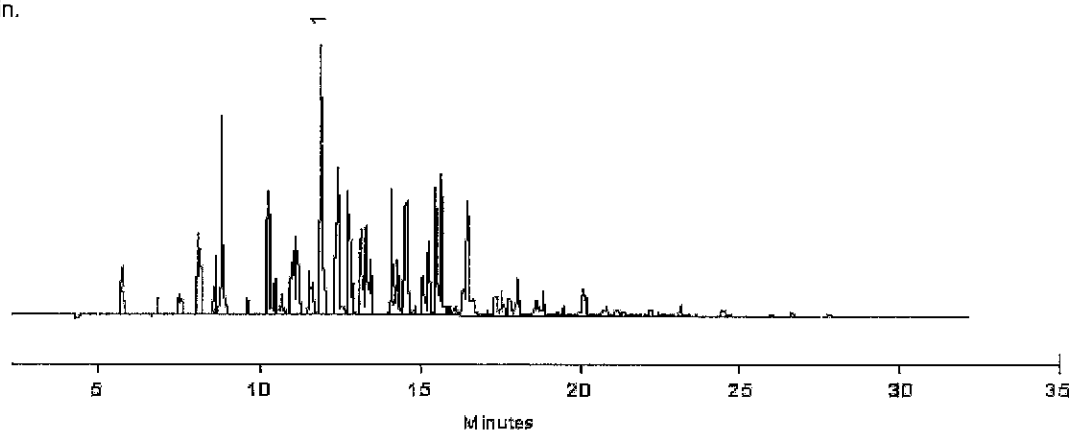
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32008 **Lot No.:** A052599
Description : Aroclor® 1232 Standard
Expiration Date[1]**:** June 2014 **Storage:** Room Temperature
Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1232	11141-16-5	99%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .5um
Rtx-CLPesticides II
Carrier Gas: helium @ 40 cm/sec.
Temp. Program: 150°C to 300°C @ 5°C/min.

Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster / QA Analyst

Balance 1119141429

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM30397

REC 9/7/07

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32009 **Lot No.:** A068369
Description : Aroclor® 1242 Standard
Expiration Date[1]**:** July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

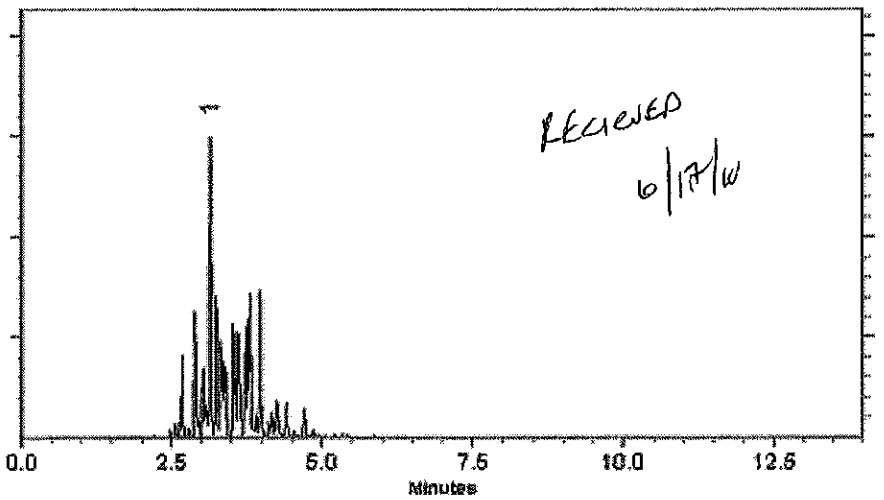
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

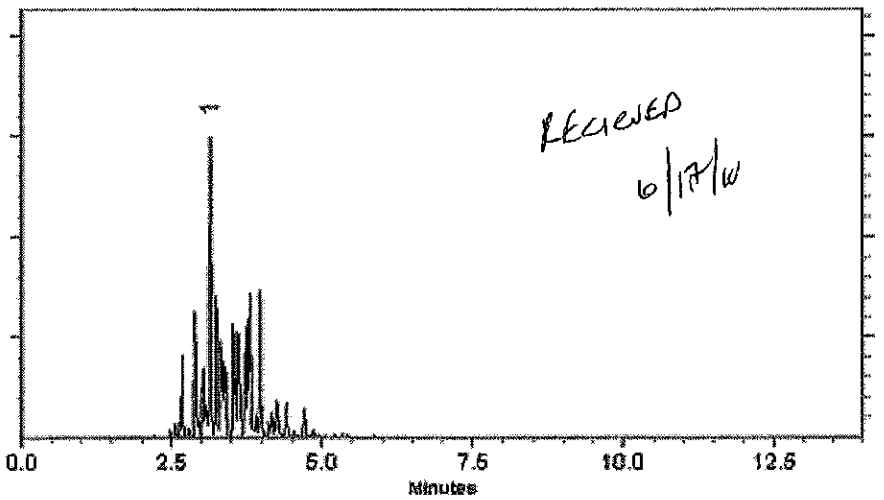
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

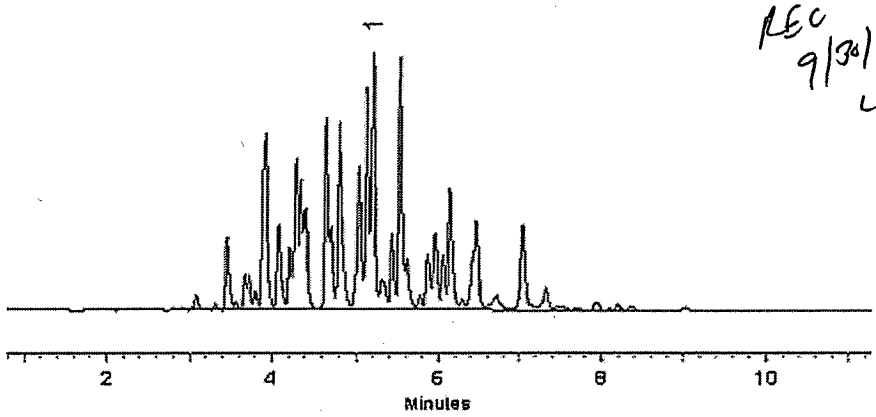
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32010 **Lot No.:** A059172
Description : Aroclor® 1248 Standard
Expiration Date[1]**:** April 2015 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1248	12672-29-6	----%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .25um Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C @ 10°C/min. (hold 5 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



REC 9/30/13 LSH

Sara Eyster QA Analyst

Balance 1128360905

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addtion to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 Lot No.: A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]: June 2017 Storage: Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x.25mm x .2um
Rtx-CLPesticides (cat.# 11323)

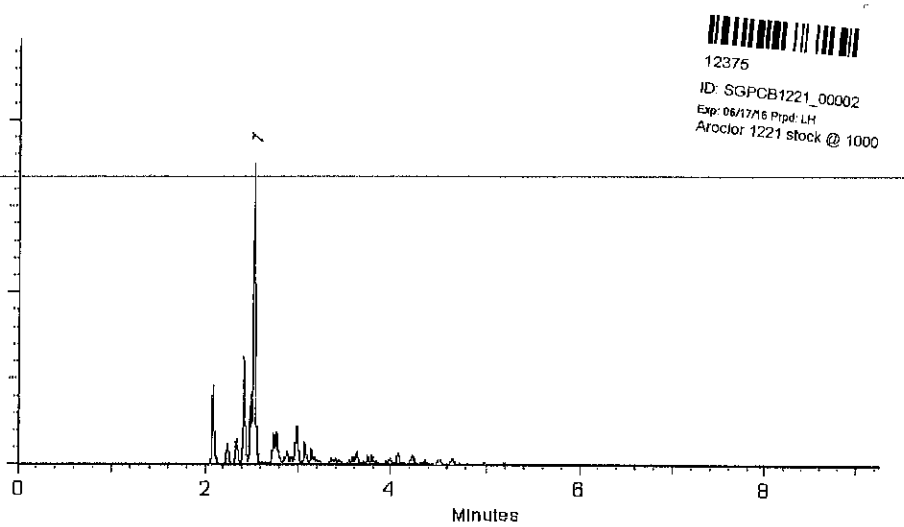
Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diana Shaffer
Diana Shaffer - QA Analyst

Date Passed: 24-May-2010 Balance: 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/27/16

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

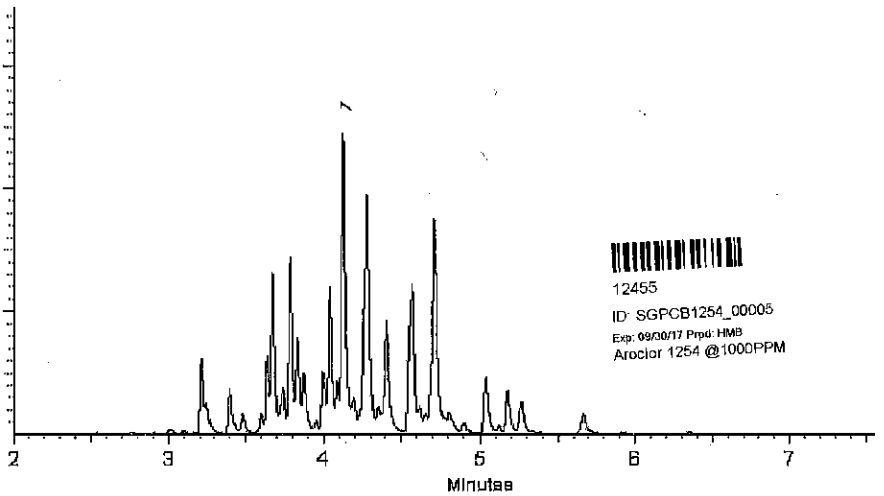
Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 7/23/11

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 **Lot No.:** A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]**:** June 2017 **Storage:** Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

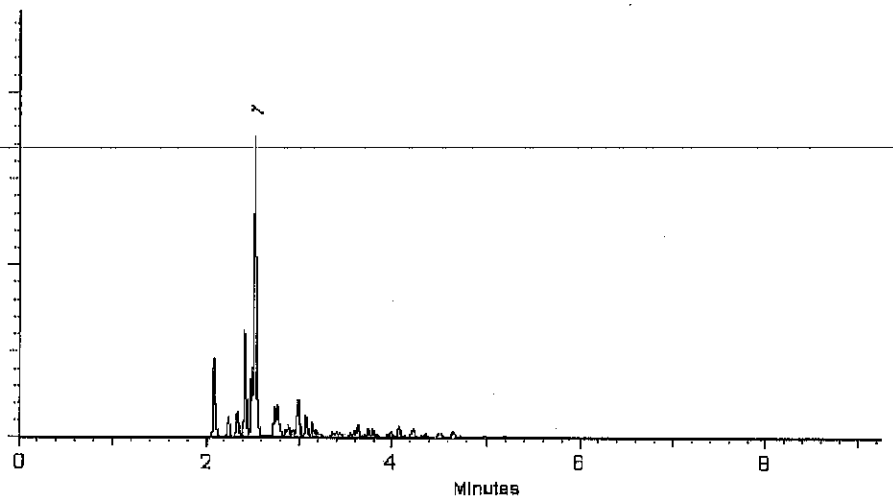
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 24-May-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

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3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/2/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING



Reagent ID: VGINTSTD_00001

		Expiration Date:	10/08/2011
Description:	INTERNAL STANDARD	Laboratory:	TestAmerica North Canton
No. of Bottles:	2	Prepared By:	Bolgrin, Deborah
Storage Location:	F022	Solvent:	MEOH
Reagent Volume:	50.000 mL	Solvent Lot:	50349
Creation Date:	04/08/2011		
Container(s):	12414, 12415		
Comment:			

Reagent Analyte Information

Analyte	Source ID	Source Expiration Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Fluorobenzene	VGISSTOCK_00001	12/31/2012	2000.000	ug/mL	50.00000	ug/mL

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
VGISSTOCK_00001	IS FLOROBENZENE	ASTD	12/31/12	ULTRA SCIENTIFIC	CE-4128	STS-160	1.2500	mL

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

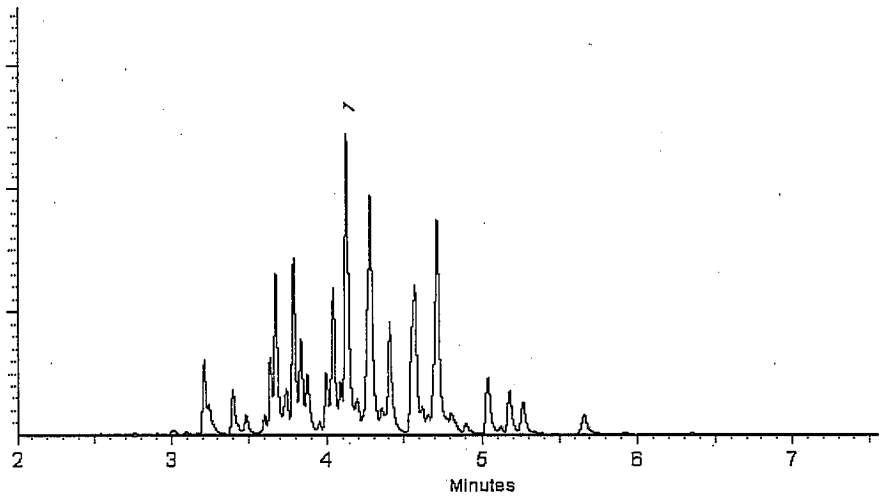
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 3/23/11

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

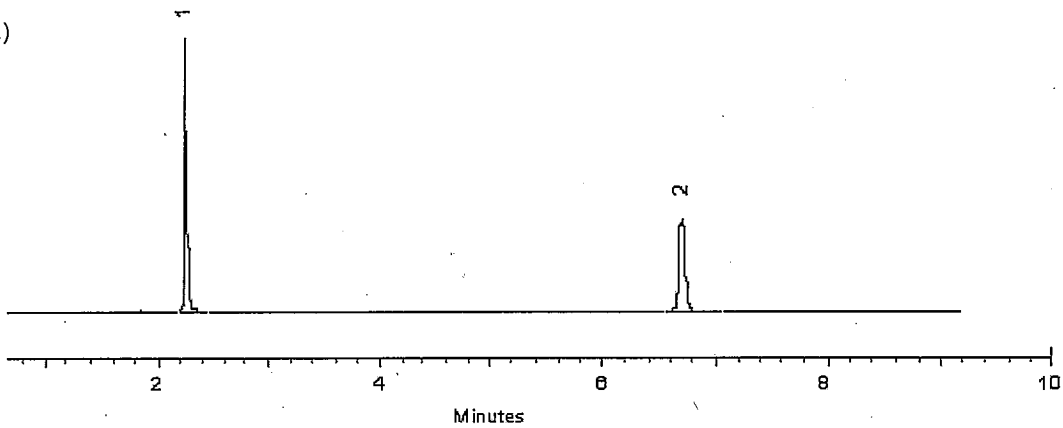
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32000 **Lot No.:** A057014
Description : Pesticide Surrogate Mix
Expiration Date[1]**:** June 2015 **Storage:** Refrigerate
Handling: Warm & Sonicate prior to use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	98%	200.018 ug/ml	+/-0.03 %
2	Decachlorobiphenyl	2051-24-3	99%	200.000 ug/ml	+/-0.03 %
Solvent:	Acetone	67-64-1	99%		

LEC 7/13/08
LOT

Column: 30m x .32mm x .25um
Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C
@ 15°C/min. (hold 12 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster QA Analyst

Balance 1128342313

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

Tech Tip:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

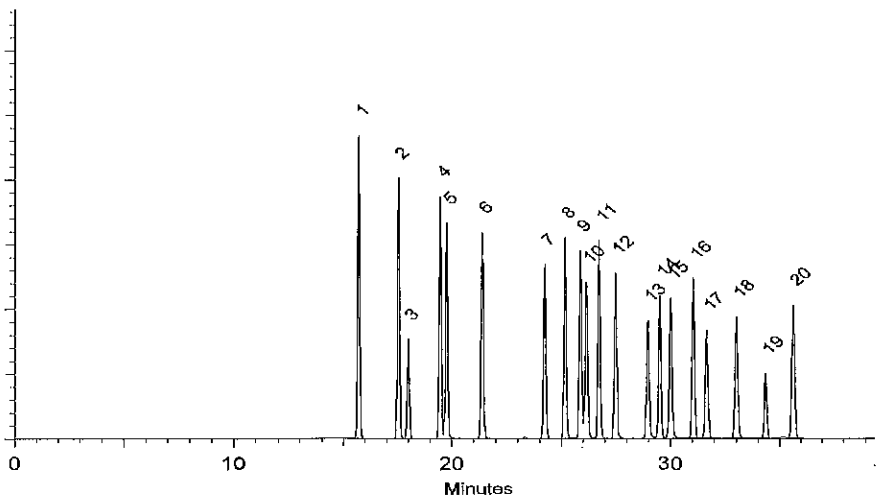
Carrier Gas:
hellium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

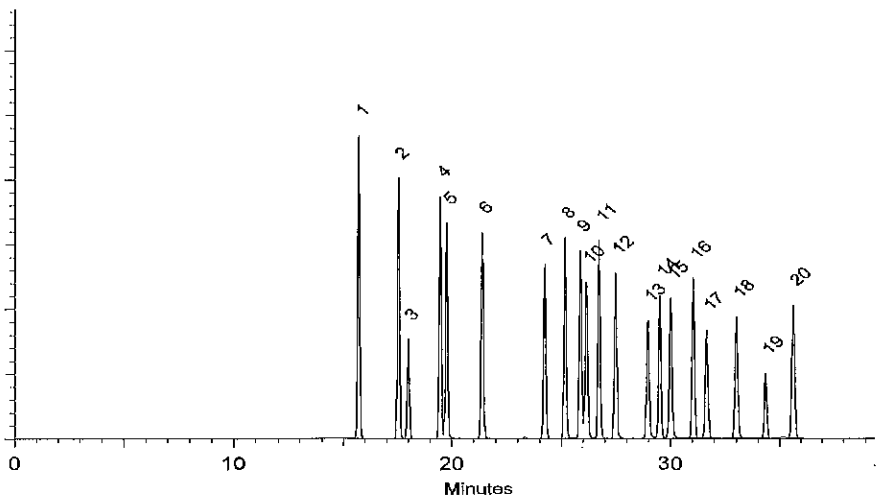
Carrier Gas:
hellium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



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Analytical Solutions

Organochlorine Pesticides Mixture

Product Number: PPM-808C

Page: 1 of 2

Lot Number: CH-3658 **Lot Issue Date:** 01-Dec-2011 **Expiration Date:** 31-Dec-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1:100 (1ml in 100)
1:400 (250uls in 100uls)

Analyte	CAS#	Analyte Lot	True Value
aldrin	000309-00-2	RM00635-01	1002 ± 5 µg/mL
alpha-BHC	000319-84-6	RM02725-01	1002 ± 5 µg/mL
beta-BHC	000319-85-7	RM02724-02	1002 ± 5 µg/mL
delta-BHC	000319-86-8	RM02723-05	1002 ± 5 µg/mL
gamma-BHC	000058-89-9	RM02694-04	1002 ± 5 µg/mL
alpha-chlordane	005103-71-9	RM02742-03	1002 ± 5 µg/mL
gamma-chlordane	005103-74-2	RM02726-08	1002 ± 5 µg/mL
4,4'-DDD	000072-54-8	RM00615-01	1002 ± 5 µg/mL
4,4'-DDE	000072-55-9	RM02892-02	1002 ± 5 µg/mL
4,4'-DDT	000050-29-3	RM02881-01	1002 ± 5 µg/mL
dieldrin	000060-57-1	RM03957-01	1002 ± 5 µg/mL
endosulfan I	000959-98-8	RM00834-01	1002 ± 5 µg/mL
endosulfan II	033213-65-9	RM02906-02	1002 ± 5 µg/mL
endosulfan sulfate	001031-07-8	RM02897-01	1002 ± 5 µg/mL
endrin	000072-20-8	256-27A	1002 ± 5 µg/mL
endrin aldehyde	007421-93-4	ER082306-01	1002 ± 5 µg/mL
endrin ketone	053494-70-5	RM00212-02	1002 ± 5 µg/mL
heptachlor	000076-44-8	RM03111-02	1002 ± 5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM03131-03	1002 ± 5 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-808C

Lot Number: CH-3658 **Lot Issue Date:** 01-Dec-2011 **Expiration Date:** 31-Dec-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

methoxychlor	000072-43-5	RM01712-05	1002 ± 5 µg/mL

Matrix: hexane/toluene (1:1)

Storage: Store at Room Temperature (18-25°C). Do Not Refrigerate.

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Rcvd 12-8-11 Recd 3 vials

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Certificate of Analysis

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Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .20m
Rtx-CLP II (cat.# 11323)

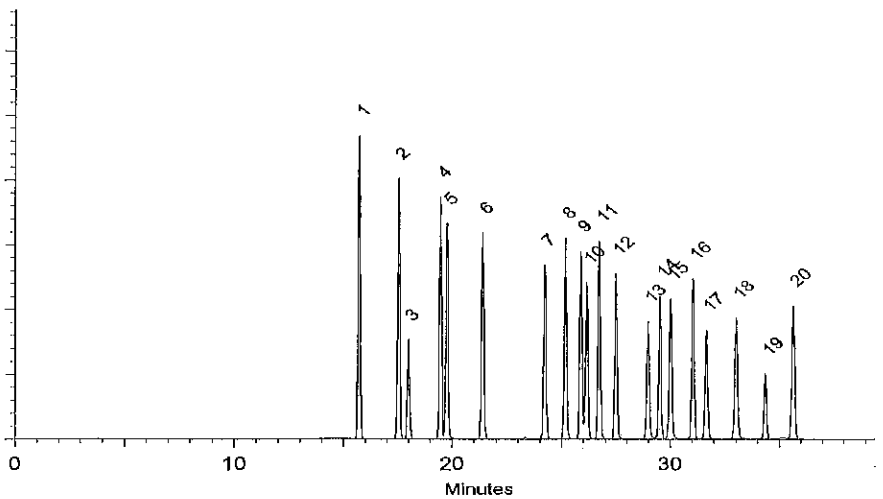
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min, (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Rcvd 12-8-11 Recd 3 vials

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .20m
Rtx-CLP II (cat.# 11323)

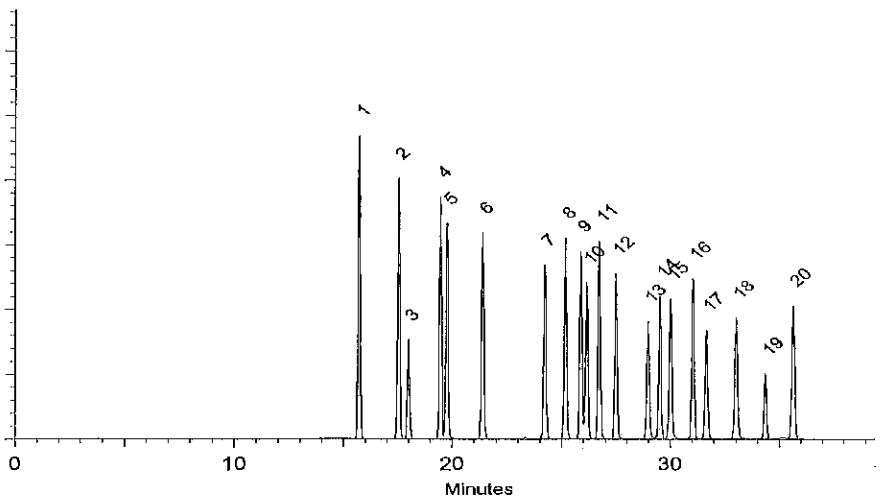
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

DESCRIPTION: Toxaphene

CATALOG NO.: 48103 MFG DATE: Feb-2011

LOT NO.: LB82082 EXPIRATION DATE: Feb-2014

SOLVENT: ISOOCTANE

ANALYTE	CAS NUMBER	PERCENT PURITY(1)	WEIGHT(2) CONCENTRATION	ANALYTICAL(3) CONCENTRATION	STD DEV	SUPELCO LOT NO
TOXAPHENE	8001-35-2	N/A (a)	1000	956	+/- 16.2	LA47407

SGPESTTOX 00011

Recd 12-12-11 1 vial

(1) Determined by capillary GC-FID, unless otherwise noted.
a) Complex mix - Can't Determine

(2) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(3) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO Analytical
595 North Harrison Road
Bellefonte, PA 16823-0048 USA
Phone (814) 359-3441

Rec'd 12-8-11. 2 vials

RESTEK

Certificate of Analysis

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Bellefonte, PA 16823-8812
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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32005 **Lot No.:** A080394

Description : Toxaphene Standard

Pesticide Mix, toxaphene, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2015 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	Toxaphene	8001-35-2	99%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

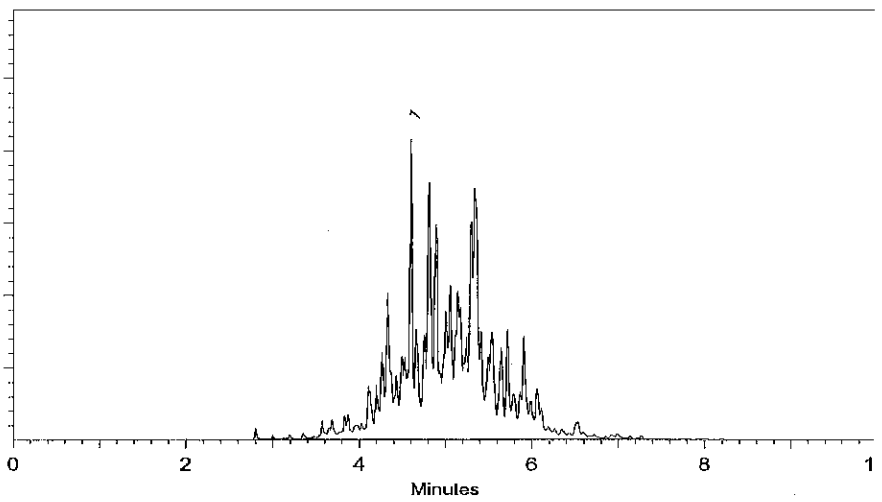
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 566300 **Lot No.:** A081795

Description : Custom Revised 8270 Mix #1

Container Size : [5] 5 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	Grav.Uncert. [4] (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	99%	400.000 ug/mL	+/- 2.7 ug/mL
2	2-Fluorophenol	367-12-4	99%	400.000 ug/mL	+/- 2.7 ug/mL
3	2-Chlorophenol-d4	93951-73-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
4	Phenol-d6	13127-88-3	99%	400.000 ug/mL	+/- 2.7 ug/mL
5	2-Chlorophenol	95-57-8	99%	400.000 ug/mL	+/- 3.0 ug/mL
6	Phenol	108-95-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
7	1,4-Dichlorobenzene	106-46-7	99%	400.000 ug/mL	+/- 2.7 ug/mL
8	Benzyl alcohol	100-51-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
9	2-Methylphenol (o-cresol)	95-48-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
10	4-Methylphenol (p-cresol)	106-44-5	99%	400.000 ug/mL	+/- 3.0 ug/mL
11	2-Nitrophenol	88-75-5	99%	400.000 ug/mL	+/- 3.0 ug/mL
12	2,4-Dimethylphenol	105-67-9	99%	400.000 ug/mL	+/- 3.0 ug/mL
13	2,4-Dichlorophenol	120-83-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
14	Benzoic acid	65-85-0	99%	400.000 ug/mL	+/- 3.0 ug/mL
15	4-Chloro-3-methylphenol	59-50-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
16	2,4,6-Trichlorophenol	88-06-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
17	2,4,5-Trichlorophenol	95-95-4	99%	400.000 ug/mL	+/- 3.0 ug/mL
18	2,4-Dinitrophenol	51-28-5	97%	399.989 ug/mL	+/- 3.0 ug/mL
19	2,3,5,6-Tetrachlorophenol	935-95-5	99%	400.000 ug/mL	+/- 2.7 ug/mL
20	4-Nitrophenol	100-02-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
21	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	99%	400.000 ug/mL	+/- 3.0 ug/mL
22	2,4,6-Tribromophenol	118-79-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
23	Pentachlorophenol	87-86-5	97%	399.989 ug/mL	+/- 3.0 ug/mL

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 57833 **Lot No.:** A081245
Description : Custom Revised 8270 Mix # 2
Container Size : [5] 2 mL **Pkg Amt:** [5] > 2 mL
Expiration Date : [1] April 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	% Grav.Uncert. [4] (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	99%	400.000 ug/mL	+/-0.67 %
2	Pyridine	110-86-1	99%	400.000 ug/mL	+/-0.67 %
3	Aniline	62-53-3	100%	400.000 ug/mL	+/-0.67 %
4	N-Nitroso-di-n-propylamine	621-64-7	99%	400.000 ug/mL	+/-0.67 %
5	4-Chloroaniline	106-47-8	99%	400.000 ug/mL	+/-0.67 %
6	2,4-Diaminotoluene	95-80-7	99%	400.000 ug/mL	+/-0.67 %
7	3-Nitroaniline	99-09-2	99%	400.000 ug/mL	+/-0.67 %
8	2-Nitroaniline	88-74-4	99%	400.000 ug/mL	+/-0.67 %
9	4-Nitroaniline	100-01-6	99%	400.000 ug/mL	+/-0.67 %
10	N-Nitrosodiphenylamine	86-30-6	97%	399.640 ug/mL	+/-0.67 %
11	Atrazine	1912-24-9	99%	400.000 ug/mL	+/-0.67 %
12	Benzidine	92-87-5	99%	400.000 ug/mL	+/-0.67 %
13	3,3'-Dichlorobenzidine	91-94-1	99%	400.000 ug/mL	+/-0.67 %
14	4,4-Methylene-bis(2-chloroaniline)	101-14-4	98%	399.840 ug/mL	+/-0.67 %
15	3,3'-Dimethoxybenzidine	119-90-4	99%	400.000 ug/mL	+/-0.67 %
Solvent:	Methylene Chloride (MEOH FREE)	75-09-2	99%		

Column:
30m x .25mm x .25um
Rtx-5 (cat.#10223)

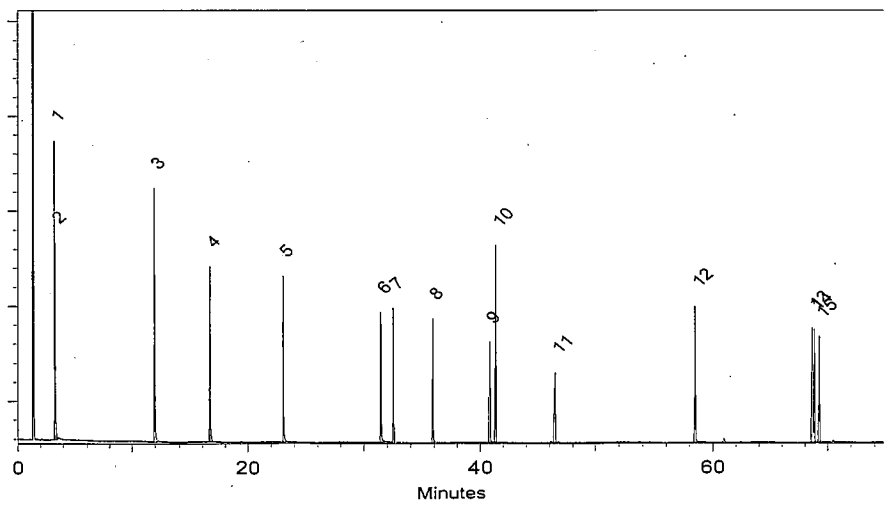
Carrier Gas:
hydrogen-constant pressure 10 psi

Temp. Program:
35°C (hold 3 min.) to 330°C
@ 3°C/min. (hold 3 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
FID



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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 57834 **Lot No.:** A083779

Description : Custom Revised 8270 Mix # 3

Container Size : [5] 2 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] December 2014 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive.

Elution Order	Compound	CAS #	Percent [2] Purity	Grav. Conc. [3] (weight/volume)	Grav.Uncert. [4] (95% C.L.; K=2)
1	Ethyl methacrylate	97-63-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
2	Acetophenone	98-86-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
3	Isophorone	78-59-1	99%	400.0 ug/mL	+/- 2.8363 ug/mL
4	Naphthalene	91-20-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
5	epsilon-Caprolactam	105-60-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
6	1-Methylnaphthalene	90-12-0	99%	400.0 ug/mL	+/- 2.8363 ug/mL
7	2-Methylnaphthalene	91-57-6	97%	399.6 ug/mL	+/- 2.8338 ug/mL
8	Biphenyl	92-52-4	99%	400.0 ug/mL	+/- 2.8363 ug/mL
9	Acenaphthylene	208-96-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
10	Dimethylphthalate	131-11-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
11	Acenaphthene	83-32-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
12	Dibenzofuran	132-64-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
13	Fluorene	86-73-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
14	Diethylphthalate	84-66-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
15	Azobenzene	103-33-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
16	Sulfotepp	3689-24-5	99%	400.0 ug/mL	+/- 2.8363 ug/mL
17	Phenanthrene	85-01-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
18	Anthracene	120-12-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
19	Carbazole	86-74-8	98%	399.8 ug/mL	+/- 2.8352 ug/mL
20	Di-n-butylphthalate	84-74-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
21	Fluoranthene	206-44-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
22	Pyrene	129-00-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
23	Benzyl butyl phthalate	85-68-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
24	Benz(a)anthracene	56-55-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
25	Chrysene	218-01-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
26	Bis(2-ethylhexyl)phthalate	117-81-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
27	Di-n-octyl phthalate	117-84-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
28	Benzo(b)fluoranthene	205-99-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
29	Benzo(k)fluoranthene	207-08-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
30	Benzo(a)pyrene	50-32-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
31	Indeno(1,2,3-cd)pyrene	193-39-5	99%	400.0 ug/mL	+/- 2.8363 ug/mL
32	Dibenz(a,h)anthracene	53-70-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
33	Benzo(g,h,i)perylene	191-24-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL

Solvent: Methylene Chloride (MEOH FREE) 75-09-2 99%

Column:
30m x .25mm x .25um
Rtx-5 (cat.#10223)

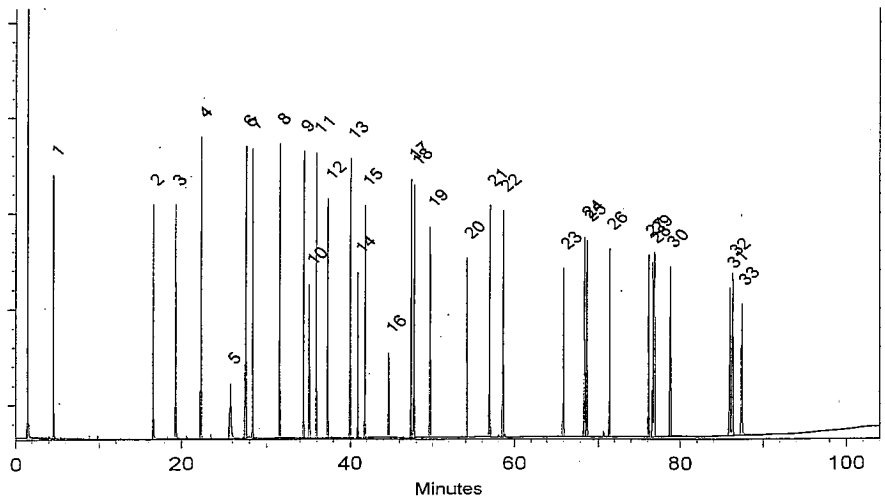
Carrier Gas:
hydrogen-constant pressure 10 psi

Temp. Program:
35°C (hold 3 min.) to 330°C
@ 3°C/min. (hold 3 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
FID



John Lidgett - QA Analyst **Date Passed:** 12-Sep-2011 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 566299 **Lot No.:** A081933

Description : Custom Revised 8270 Mix #4

Container Size : [5] 5 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] May 2014 **Storage:** 10°C or colder

Handling: Sonicate prior to use.

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	3-Chloropropionitrile	542-76-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
2	Malononitrile	109-77-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
3	Benzaldehyde	100-52-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
4	Bis(2-chloroethyl)ether	111-44-4	99%	400.0 ug/mL	+/- 2.7 ug/mL
5	1,3-Dichlorobenzene	541-73-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
6	1,2-Dichlorobenzene-d4	2199-69-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
7	1,2-Dichlorobenzene	95-50-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
8	Bis(2-chloroisopropyl)ether	108-60-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
9	Hexachloroethane	67-72-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
10	Nitrobenzene-d5	4165-60-0	99%	400.0 ug/mL	+/- 2.7 ug/mL
11	Nitrobenzene	98-95-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
12	1,2,4-Trichlorobenzene	120-82-1	97%	399.6 ug/mL	+/- 2.7 ug/mL
13	Bis(2-chloroethoxy)methane	111-91-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
14	1,3,5-Trichlorobenzene	108-70-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
15	1,2,3-Trichlorobenzene	87-61-6	99%	400.0 ug/mL	+/- 2.7 ug/mL
16	Hexachlorobutadiene	87-68-3	98%	399.8 ug/mL	+/- 2.7 ug/mL
17	1,2,3,4-Tetrachlorobenzene	634-66-2	95%	400.0 ug/mL	+/- 2.7 ug/mL
18	Hexachlorocyclopentadiene	77-47-4	99%	400.0 ug/mL	+/- 2.7 ug/mL
19	2-Fluorobiphenyl	321-60-8	99%	400.0 ug/mL	+/- 2.7 ug/mL
20	2-Chloronaphthalene	91-58-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
21	1,2,3,5-Tetrachlorobenzene	634-90-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
22	2,6-Dinitrotoluene	606-20-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
23	1,2-Dinitrobenzene	528-29-0	99%	400.0 ug/mL	+/- 2.7 ug/mL
24	2,4-Dinitrotoluene	121-14-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
25	4-Chlorophenyl phenyl ether	7005-72-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
26	4-Bromophenyl phenyl ether	101-55-3	98%	399.8 ug/mL	+/- 2.7 ug/mL
27	Hexachlorobenzene	118-74-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
28	p-Terphenyl-d14	1718-51-0	97%	399.6 ug/mL	+/- 2.7 ug/mL

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CERTIFICATE OF ANALYSIS

Catalog No: APP-9-091-50X
Description: 2,4-Dinitrophenol
Lot: B7040078
Solvent: Methanol

Date Certified: Apr 10, 2007
Expiration: Apr 10, 2017
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
2,4-Dinitrophenol	51-28-5	100	5003	5003

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials - Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 - General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

8. **Analytical Quality Control:** Products are tested by validated analytical methods specified in the manufacturer's quality system.

9. **Uncertainty Statistics and Confidence Limits:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide (Quantifying Uncertainty in Analytical Measurement). We have evaluated both Type A (based on a series of observations) and Type B (manufacturers specifications and calibration data) factors and report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_m = \sqrt{(u(P))^2 + (u(m))^2 + (u(V))^2}$. The expanded uncertainty, U, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level. Laboratories accredited to ISO/IEC 17025 and ISO Guide 34 are required to estimate uncertainty budgets associated with the measurements they make. However, for analysis, the certified value should be used as the actual value.

10. **Warranties:** The manufacturer warrants that its products shall conform to the description of such products as provided in its catalog or on the specific product label. This warranty is exclusive, and the manufacturer makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

11. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. Due to the hazardous nature, only trained personnel should handle this product. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

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CERTIFICATE OF ANALYSIS

Catalog No: Z-014D-1
Description: Benzoic acid
Lot: 211061093
Solvent: Dichloromethane

Date Certified: Jun 7, 2011
Expiration: Jun 7, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HARMFUL

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % MFG	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Benzoic acid	65-85-0	99.5	2004	1994

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials - Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 – General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements
   Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated.using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

8. **Analytical Quality Control:** Products are tested by validated analytical methods specified in the manufacturer's quality system.

9. **Uncertainty Statistics and Confidence Limits:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide (Quantifying Uncertainty in Analytical Measurement). We have evaluated both Type A (based on a series of observations) and Type B (manufacturers specifications and calibration data) factors and report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_{\mathrm{m}} = \sqrt{(u(\mathrm{P}))^2 + (u(\mathrm{m}))^2 + (u(\mathrm{V}))^2}$. The expanded uncertainty, U, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level. Laboratories accredited to ISO/IEC 17025 and ISO Guide 34 are required to estimate uncertainty budgets associated with the measurements they make. However, for analysis, the certified value should be used as the actual value.

10. **Warranties:** The manufacturer warrants that its products shall conform to the description of such products as provided in its catalog or on the specific product label. This warranty is exclusive, and the manufacturer makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

11. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. Due to the hazardous nature, only trained personnel should handle this product. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

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CERTIFICATE OF ANALYSIS

Catalog No: APP-9-176-D-20X
Description: Pentachlorophenol
Lot: 211041014
Solvent: Dichloromethane

Date Certified: Apr 1, 2011
Expiration: Apr 1, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HARMFUL

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Pentachlorophenol	87-86-5	99.0	2007	1987

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials – Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 - General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

8. **Analytical Quality Control:** Products are tested by validated analytical methods specified in the manufacturer's quality system.

9. **Uncertainty Statistics and Confidence Limits:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide (Quantifying Uncertainty in Analytical Measurement). We have evaluated both Type A (based on a series of observations) and Type B (manufacturers specifications and calibration data) factors and report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_m = \sqrt{(u(P))^2 + (u(m))^2 + (u(V))^2}$. The expanded uncertainty, U, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level. Laboratories accredited to ISO/IEC 17025 and ISO Guide 34 are required to estimate uncertainty budgets associated with the measurements they make. However, for analysis, the certified value should be used as the actual value.

10. **Warranties:** The manufacturer warrants that its products shall conform to the description of such products as provided in its catalog or on the specific product label. This warranty is exclusive, and the manufacturer makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

11. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. Due to the hazardous nature, only trained personnel should handle this product. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)		WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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SUPELCO® Analytical
595 North Harrison Road • Bellefonte, PA
16823-0048 USA • Phone (814) 359-3441

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000 +/- 5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000 +/- 5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000 +/- 5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001 +/- 5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001 +/- 5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000 +/- 5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000 +/- 5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000 +/- 10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000 +/- 5.0	LB68872
PHENOL	108-95-2	99.9	1002 +/- 5.0	LB57703
PYRENE	129-00-0	97.5	1000 +/- 5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000 +/- 5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000 +/- 5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000 +/- 5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000 +/- 5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000 +/- 5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002 +/- 5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000 +/- 5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999 +/- 5.0	LB83266

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

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ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

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BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

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ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

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2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

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4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

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ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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SUPELCO® Analytical
595 North Harrison Road • Bellefonte, PA
16823-0048 USA • Phone (814) 359-3441

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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Certificate of Analysis

Semi-Volatiles Internal Standard Mixture

Product Number: US-108N **Page:** 1 of 1

Lot Number: CH-1761 **Lot Issue Date:** 02-Jun-2011 **Expiration Date:** 30-Jun-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acenaphthene-d10	015067-26-2	RM01458/PR-19991	4013 ± 20 µg/mL
chrysene-d12	001719-03-5	RM01460/Z421P15	4013 ± 20 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700/PR-12866	4013 ± 20 µg/mL
naphthalene-d8	001146-65-2	RM01459/PR-19724	4013 ± 20 µg/mL
perylene-d12	001520-96-3	RM01461/P199BP2	4014 ± 20 µg/mL
phenanthrene-d10	001517-22-2	RM01462/PR-19222	4013 ± 20 µg/mL

Matrix: methylene chloride (dichloromethane)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0861-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-100.

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager

Semi-Volatiles Internal Standard Mixture

Print Components

Component Information for US-108N

Analyte	Concentration
acenaphthene-d10	4000 µg/mL
chrysene-d12	4000 µg/mL
1,4-dichlorobenzene-d4	4000 µg/mL
naphthalene-d8	4000 µg/mL
perylene-d12	4000 µg/mL
phenanthrene-d10	4000 µg/mL

Matrix Details

Matrix	methylene chloride (dichloromethane)

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SMIS_00004

US-108N
Lot: CH-1761
Exp: 06/30/2014
ULTRA
1 mL
Semi-Volatiles Internal Standard Mixture
6 analyte(s) at 4000 µg/mL in dichloromethane
For Lab Use Only
250 Smith St, No Kingstown, RI 02852 USA

3/15/11
TS

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 30006 **Lot No.:** A076449

Description : VOA Calibration Mix #1

Expiration Date[1]**:** November 2013 **Storage:** Freezer

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Acetone	67-64-1	99%	5,000.000 ug/ml	+/-0.58 %
2	2-Butanone (MEK)	78-93-3	99%	5,000.000 ug/ml	+/-0.58 %
3	4-Methyl-2-pentanone (MIBK)	108-10-1	99%	5,000.000 ug/ml	+/-0.58 %
4	2-Hexanone	591-78-6	99%	5,000.000 ug/ml	+/-0.58 %
Solvent:	P&T Methanol/Water (90:10)	67-56-1/7732-18-5	99%		

Column:
105m x .53mm x 3.0um
Rtx-502.2 (cat.#10910)

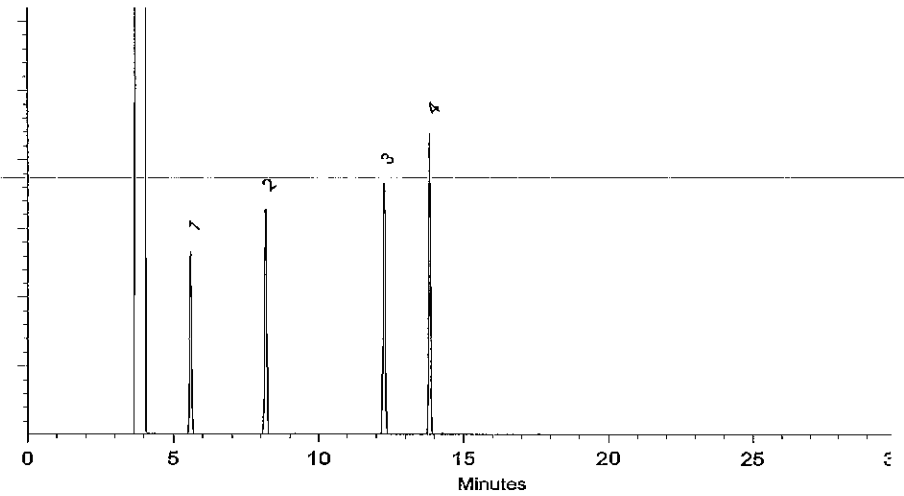
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Sara Eyster QA Analyst

Date Passed: 25-Aug-2010 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Certificate of Analysis

8/23/12 TS

DESCRIPTION: Volatile Organic Compounds Mix 6

CATALOG NO.: 48799-U MFG DATE: Mar-2012

LOT NO.: LB91213 EXPIRATION DATE: Jun-2013

SOLVENT: METHANOL

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION		STD DEV	SUPELCO LOT NO
BROMOMETHANE	74-83-9	99.9 (a)	2000	2041	+/-	35.1	LB68220
CHLOROETHANE	75-00-3	99.9 (a)	2000	2079	+/-	46.9	LB55667
CHLOROMETHANE	74-87-3	99.9	2000	2116	+/-	61.9	LB64986
DICHLORODIFLUOROMETHANE	75-71-8	99.9 (a)	2000	2044	+/-	88.1	LB68837
TRICHLOROFLUOROMETHANE	75-69-4	99.9 (a)	2000	2088	+/-	44.9	LA91320
VINYL CHLORIDE	75-01-4	99.9 (a)	2000	2141	+/-	45.7	LB89571

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) GC; detector HALL

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

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595 North Harrison Road
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Bellefonte, PA 16823-8812
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11/23/11
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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 556005 **Lot No.:** A085142

Description : Custom Volatiles Mix 2

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	97%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	1,1-dichloroethene	75-35-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
3	Methyl acetate	79-20-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Carbon disulfide	75-15-0	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
5	Methylene chloride (dichloromethane)	75-09-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
6	Methyl-tert-butyl ether (MTBE)	1634-04-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
7	cis-1,2-Dichloroethene	156-59-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	n-Hexane (C6)	110-54-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloroethane	75-34-3	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
10	trans-1,2-Dichloroethene	156-60-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
11	chloroform	67-66-3	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
12	1,1,1-trichloroethane	71-55-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
13	Cyclohexane	110-82-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	carbon tetrachloride	56-23-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
15	1,2-Dichloroethane	107-06-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
16	Benzene	71-43-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	Trichloroethene	79-01-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
18	Methylcyclohexane	108-87-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
19	1,2-Dichloropropane	78-87-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
20	bromodichloromethane	75-27-4	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
21	cis-1,3-Dichloropropene	10061-01-5	97%	2,500.0 ug/mL	+/- 17.8401 ug/mL
22	Toluene	108-88-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	trans-1,3-Dichloropropene	10061-02-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
24	1,1,2-Trichloroethane	79-00-5	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
25	Tetrachloroethene	127-18-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
26	dibromochloromethane	124-48-1	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
27	1,2-Dibromoethane (EDB)	106-93-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	Chlorobenzene	108-90-7	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
29	Ethylbenzene	100-41-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
30	m-Xylene	108-38-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
31	p-Xylene	106-42-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
32	o-Xylene	95-47-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
33	Styrene	100-42-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL

11/22/11 TS

RESTEK

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 563136 **Lot No.:** A085140

Description : Custom Revised Supplemental Spike Mix

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Diethyl ether (ethyl ether)	60-29-7	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	tert-Butanol (TBA)	75-65-0	99%	50,001.6 ug/mL	+/- 292.755 ug/mL
3	Iodomethane (methyl iodide)	74-88-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Diisopropyl ether (DIPE)	108-20-3	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
5	2,2-Dichloropropane	594-20-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
6	Isobutanol (2-Methyl-1-propanol)	78-83-1	99%	125,004.4 ug/mL	+/- 731.89 ug/mL
7	Bromochloromethane	74-97-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	Tetrahydrofuran	109-99-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloropropene	563-58-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
10	Dibromomethane	74-95-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
11	1,3-Dichloropropane	142-28-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
12	1,1,1,2-Tetrachloroethane	630-20-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
13	1,2,3-Trichloropropane	96-18-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	trans-1,4-dichloro-2-butene	110-57-6	98%	5,008.2 ug/mL	+/- 29.3241 ug/mL
15	n-Propylbenzene	103-65-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
16	Bromobenzene	108-86-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	1,3,5-Trimethylbenzene	108-67-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
18	2-Chlorotoluene	95-49-8	99%	2,501.2 ug/mL	+/- 14.6784 ug/mL
19	4-Chlorotoluene	106-43-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
20	tert-Butylbenzene	98-06-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
21	1,2,4-Trimethylbenzene	95-63-6	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
22	sec-Butylbenzene	135-98-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	4-Isopropyltoluene (p-Cymene)	99-87-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
24	1,2,3-Trimethylbenzene	526-73-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
25	n-Butylbenzene	104-51-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
26	Hexachlorobutadiene	87-68-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
27	Naphthalene	91-20-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	1,2,3-Trichlorobenzene	87-61-6	99%	2,500.4 ng/mL	+/- 14.6737 ug/mL

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TS

DESCRIPTION: 8260 Ketones Mix

CATALOG NO.: 861149 MFG DATE: Jun-2011

LOT NO.: LB85301 EXPIRATION DATE: Nov-2013

SOLVENT: METHANOL:WATER (30:70)

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4)	STD DEV	SUPELCO LOT NO
ACETONE	67-64-1	99.9	2000	1891	+/- 75.1	LB60265
CYCLOHEXANONE	108-94-1	99.5	20002	18806	+/- 673.6	LB67851
2-BUTANONE	78-93-3	99.9	2001	1888	+/- 78.2	LB38154
2-HEXANONE	591-78-6	99.9	2001	1877	+/- 70.9	LB57500
4-METHYL-2-PENTANONE	108-10-1	99.9	2001	1910	+/- 71.4	LB80301

VM 861149_ 00015

(1) Listed in alphabetical order.
(2) Determined by capillary GC-FID, unless otherwise noted.
(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.
(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

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RECD 8-31-12

Custom Standard

Product Number: CUS-12302 **Page:** 1 of 2

Lot Number: CJ-3239 **Lot Issue Date:** 24-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
allyl chloride	000107-05-1	NT00409	50.3 ± 0.3 µg/mL
dichlorofluoromethane	000075-43-4	rm05287	50.2 ± 0.3 µg/mL
isopropyl ether	000108-20-3	RM04345	251.3 ± 1.3 µg/mL
chloroprene	000126-99-8	rm03863	50.0 ± 0.3 µg/mL
n-butyl alcohol	000071-36-3	RM01319	1005 ± 5 µg/mL
propionitrile	000107-12-0	RM05687	100.5 ± 0.5 µg/mL
methacrylonitrile	000126-98-7	RM05541	50.2 ± 0.3 µg/mL
isobutyl alcohol	000078-83-1	RM00981	1005 ± 5 µg/mL
methyl methacrylate	000080-62-6	RM00686	50.3 ± 0.3 µg/mL
diethyl ether	000060-29-7	RM04318	50.3 ± 0.3 µg/mL
ethyl acetate	000141-78-6	RM01211	100.4 ± 0.5 µg/mL
2-nitropropane	000079-46-9	RM02410	100.5 ± 0.5 µg/mL
cyclohexanone	000108-94-1	RM00480	502.4 ± 2.5 µg/mL
ETBE	000637-92-3	RM05301	50.3 ± 0.3 µg/mL
TAME	000994-05-8	RM00554	50.3 ± 0.3 µg/mL
1,2,3-trimethylbenzene	000526-73-8	RM00843	50.3 ± 0.3 µg/mL
n-heptane	000142-82-5	RM04192	50.0 ± 0.3 µg/mL
n-butyl acetate	000123-86-4	RM01217	100.2 ± 0.5 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Quality Assurance Manager

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Product Number: CUS-12302 **Page:** 2 of 2

Lot Number: CJ-3239 **Lot Issue Date:** 24-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-5013 **Page:** 1 of 1

Lot Number: CJ-3443 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
vinyl acetate	000108-05-4	RM04478	2507 ± 13 µg/mL
methyl acetate	000079-20-9	NT02091	2505 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-7814 **Page:** 1 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
1,1,2-trichlorotrifluoroethane	000076-13-1	1367777	50.2 ± 0.3 µg/mL
methyl iodide	000074-88-4	13302PC	50.2 ± 0.3 µg/mL
carbon disulfide	000075-15-0	AI-12071LU	50.2 ± 0.3 µg/mL
methylene chloride	000075-09-2	48248	50.2 ± 0.3 µg/mL
tert-butanol	000075-65-0	RM00555-0	1005 ± 5 µg/mL
1,1-dichloroethene	000075-35-4	02226CH	50.2 ± 0.3 µg/mL
1,1-dichloroethane	000075-34-3	64552/1	50.2 ± 0.3 µg/mL
trans-1,2-dichloroethene	000156-60-5	01306HD	50.2 ± 0.3 µg/mL
MTBE	001634-04-4	45123	50.2 ± 0.3 µg/mL
n-hexane	000110-54-3	4120791	50.2 ± 0.3 µg/mL
cis-1,2-dichloroethene	000156-59-2	MKBB9714	50.2 ± 0.3 µg/mL
tetrahydrofuran	000109-99-9	04928DN	50.2 ± 0.3 µg/mL
chloroform	000067-66-3	05143MN	50.2 ± 0.3 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	50.2 ± 0.3 µg/mL
dibromomethane	000074-95-3	EM-01514TJ	50.2 ± 0.3 µg/mL
1,4-dioxane	000123-91-1	RM02104-01	2501 ± 13 µg/mL
1,1,1-trichloroethane	000071-55-6	LU-13149TR	50.2 ± 0.3 µg/mL
carbon tetrachloride	000056-23-5	01704MF	50.2 ± 0.3 µg/mL
bromodichloromethane	000075-27-4	10529HD	50.2 ± 0.3 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-7814 **Page:** 2 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1,2-dichloropropane	000078-87-5	DC-120777	50.2 ± 0.3 µg/mL
cis-1,3-dichloropropene	010061-01-5	PR-110509-01	50.2 ± 0.3 µg/mL
trichloroethene	000079-01-6	KN-08846KN	50.2 ± 0.3 µg/mL
dibromochloromethane	000124-48-1	MU-07705AN	50.2 ± 0.3 µg/mL
1,2-dibromoethane	000106-93-4	TB-101777	50.2 ± 0.3 µg/mL
1,2,3-trichloropropane	000096-18-4	01610KH	50.2 ± 0.3 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	50.2 ± 0.3 µg/mL
benzene	000071-43-2	34097	50.2 ± 0.3 µg/mL
ethyl methacrylate	000097-63-2	04004EH	50.2 ± 0.3 µg/mL
trans-1,3-dichloropropene	010061-02-6	SR101007-01	50.2 ± 0.3 µg/mL
bromoform	000075-25-2	12312KC	50.2 ± 0.3 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	50.2 ± 0.3 µg/mL
toluene	000108-88-3	47144	50.2 ± 0.3 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	50.2 ± 0.3 µg/mL
chlorobenzene	000108-90-7	07774MG	50.2 ± 0.3 µg/mL
ethylbenzene	000100-41-4	01558CC	50.2 ± 0.3 µg/mL
styrene	000100-42-5	LR-11228MQ	50.2 ± 0.3 µg/mL
trans-1,4-dichloro-2-butene	000110-57-6	17013BH	50.2 ± 0.3 µg/mL
m-xylene	000108-38-3	DI-00459CI	50.2 ± 0.3 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-7814 **Page:** 3 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

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p-xylene	000106-42-3	03747LN	50.2 ± 0.3 µg/mL
o-xylene	000095-47-6	DO-06834CO	50.2 ± 0.3 µg/mL
1,3-dichlorobenzene	000541-73-1	JN-05902LZ	50.2 ± 0.3 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	50.2 ± 0.3 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	50.2 ± 0.3 µg/mL
bromochloromethane	000074-97-5	JS-16015HS	50.2 ± 0.3 µg/mL
bromobenzene	000108-86-1	CG-02513MF	50.2 ± 0.3 µg/mL
isopropylbenzene	000098-82-8	02827BH	50.2 ± 0.3 µg/mL
n-propylbenzene	000103-65-1	LO-14503MR	50.2 ± 0.3 µg/mL
n-butylbenzene	000104-51-8	AA-28519CO	50.2 ± 0.3 µg/mL
sec-butylbenzene	000135-98-8	07610JE	50.2 ± 0.3 µg/mL
tert-butylbenzene	000098-06-6	MQ-04010MQ	50.2 ± 0.3 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	50.2 ± 0.3 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	50.2 ± 0.3 µg/mL
1,2,3-trichlorobenzene	000087-61-6	12912PF	50.2 ± 0.3 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	50.2 ± 0.3 µg/mL
1,1-dichloropropene	000563-58-6	PR-11130-8	50.2 ± 0.3 µg/mL
1,3-dichloropropane	000142-28-9	PR-17916MR	50.2 ± 0.3 µg/mL
2,2-dichloropropane	000594-20-7	03503TD	50.2 ± 0.3 µg/mL

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Product Number: CUS-7814 **Page:** 4 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

2-chlorotoluene	000095-49-8	KZ-03621HX	50.2 ± 0.3 µg/mL
4-chlorotoluene	000106-43-4	03327TH	50.2 ± 0.3 µg/mL
4-isopropyltoluene	000099-87-6	PP-05104CP	50.2 ± 0.3 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	FBL-01	50.2 ± 0.3 µg/mL
hexachlorobutadiene	000087-68-3	339923/1	50.1 ± 0.3 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	10312DD	50.2 ± 0.3 µg/mL
naphthalene	000091-20-3	14205KB	50.2 ± 0.3 µg/mL
methyl acetate	000079-20-9	16318HA	50.2 ± 0.3 µg/mL
methylcyclohexane	000108-87-2	02348HD	50.2 ± 0.3 µg/mL
cyclohexane	000110-82-7	46184	50.2 ± 0.3 µg/mL
1,3,5-trichlorobenzene	000108-70-3	HW-00718EV	50.2 ± 0.3 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-8125 **Page:** 1 of 1

Lot Number: CG-3334 **Lot Issue Date:** Sep-2010 **Expiration Date:** Oct-2012

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	01127CO	25046 ± 125 µg/mL
dibromofluoromethane	001868-53-7	RM01021	25120 ± 126 µg/mL
1,2-dichloroethane-d4	017060-07-0	9H-136	25058 ± 125 µg/mL
toluene-d8	002037-26-5	E90P1	25096 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM CUS 8125- 00007

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RECD 8-31-12

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Product Number: CUS-8126 **Page:** 1 of 1

Lot Number: CJ-3237 **Lot Issue Date:** 23-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM05018	25079 ± 125 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM05021	25046 ± 125 µg/mL
fluorobenzene	000462-06-6	RM03366	25081 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-8634 **Page:** 1 of 1

Lot Number: CJ-3453 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acrylonitrile	000107-13-1	RM05172	5015 ± 25 µg/mL
acetonitrile	000075-05-8	RM01645	25035 ± 125 µg/mL
acrolein	000107-02-8	RM01532	25058 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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REC'D 5-15-12

VOC Gas Mixture

Product Number: DWM-544 **Page:** 1 of 1

Lot Number: CJ-0858 **Lot Issue Date:** 15-Mar-2012 **Expiration Date:** 30-Apr-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
bromomethane	000074-83-9	06623AQ	2008 ± 10 µg/mL
chloroethane	000075-00-3	00223KG	2009 ± 10 µg/mL
chloromethane	000074-87-3	07-44048	2008 ± 10 µg/mL
dichlorodifluoromethane	000075-71-8	Q96-67	2008 ± 10 µg/mL
trichlorofluoromethane	000075-69-4	DR-16417BR	2006 ± 10 µg/mL
vinyl chloride	000075-01-4	1201FC10	2008 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM DWM544_00011

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Certificate of Analysis

TS 6/9/11

2-Chloroethylvinyl Ether Solution

Product Number: EPA-1016 **Page:** 1 of 1

Lot Number: CG-0850 **Lot Issue Date:** Mar-2010 **Expiration Date:** Apr-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
2-chloroethylvinyl ether	000110-75-8	04606CJ	5015 ± 25 µg/mL

Matrix: methanol (methyl alcohol)

VMGPA1016_ 00003

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 9001:2000 Registered TUV USA, Inc. Cert. No. 06-1004

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William J. Leahy
Quality Assurance Manager

Certificate of Analysis

RCC'D 5-15-12

ULTRA SCIENTIFIC
Analytical Solutions

Internal Standard Mixture

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CH-3660 **Lot Issue Date:** 15-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM01430-01	2503 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700-06	2500 ± 13 µg/mL
fluorobenzene	000462-06-6	RM03366-01	2513 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM520_00016

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

RECD 5-15-12

ULTRA SCIENTIFIC
Analytical Solutions

Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM530_ 00014

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

10/10/12
TS

Certificate of Analysis

ULTRA SCIENTIFIC
Analytical Solutions

Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

RECD 5-15-11

2-Methylnaphthalene Solution

Product Number: SV-200 **Page:** 1 of 1

Lot Number: CC-1268Z **Lot Issue Date:** 15-Jul-2011 **Expiration Date:** 31-Aug-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
2-methylnaphthalene	000091-57-6	15416DA	100.4 ± 0.5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

VMSV200_00008

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

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Recvd 3/11/11 Scanned 4/19/11

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. :	33905	**Lot No.:**	A078069
Description :	8330 Calibration Standard		
Container Size : [5]	2 mL	**Pkg Amt:** [5]	> 1 mL
Expiration Date : [1]	June 2014	**Storage:**	10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	HMX	2691-41-0	99%	1,000.0 ug/ml	+/-0.59 %
2	RDX	121-82-4	98%	999.6 ug/ml	+/-0.59 %
3	1,3,5-Trinitrobenzene	99-35-4	99%	1,000.0 ug/ml	+/-0.59 %
4	1,3-Dinitrobenzene	99-65-0	97%	1,000.1 ug/ml	+/-0.59 %
5	Nitrobenzene	98-95-3	99%	1,000.0 ug/ml	+/-0.59 %
6	Tetryl	479-45-8	99%	1,000.0 ug/ml	+/-0.59 %
7	2,4,6-Trinitrotoluene	118-96-7	98%	999.6 ug/ml	+/-0.59 %
8	2-Amino-4,6-dinitrotoluene	35572-78-2	99%	1,000.0 ug/ml	+/-0.59 %
9	4-Amino-2,6-dinitrotoluene	19406-51-0	98%	999.6 ug/ml	+/-0.59 %
10	2,4-Dinitrotoluene	121-14-2	99%	1,000.0 ug/ml	+/-0.59 %
11	2,6-Dinitrotoluene	606-20-2	99%	1,000.0 ug/ml	+/-0.59 %
12	2-Nitrotoluene	88-72-2	99%	1,000.0 ug/ml	+/-0.59 %
13	4-Nitrotoluene	99-99-0	99%	1,000.0 ug/ml	+/-0.59 %
14	3-Nitrotoluene	99-08-1	99%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Acetonitrile	75-05-8	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

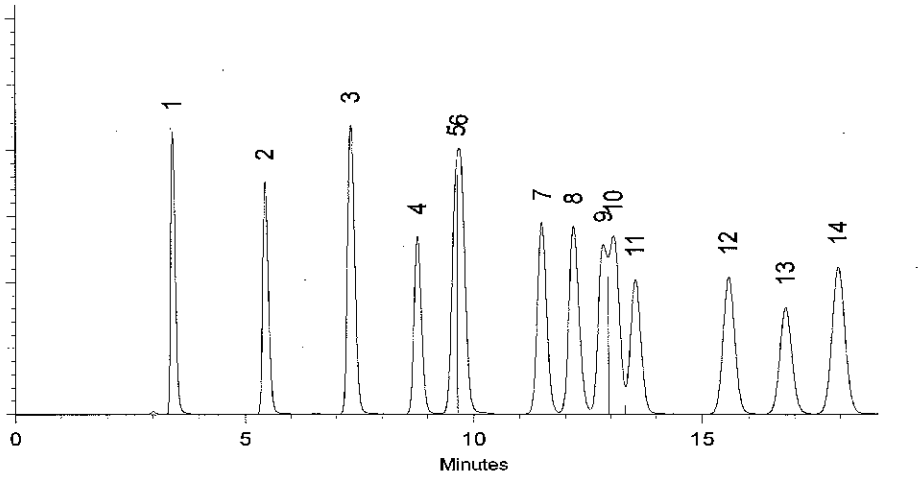
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



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Catalog No. : 31452 **Lot No.:** A082463

Description : 8330 Internal Standard Mix

SV Mix, 8000 Series Method, 8330 Internal Std, 3,4-dinitrotoluene, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L., K=2) [4]
1	3,4-Dinitrotoluene	610-39-9	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

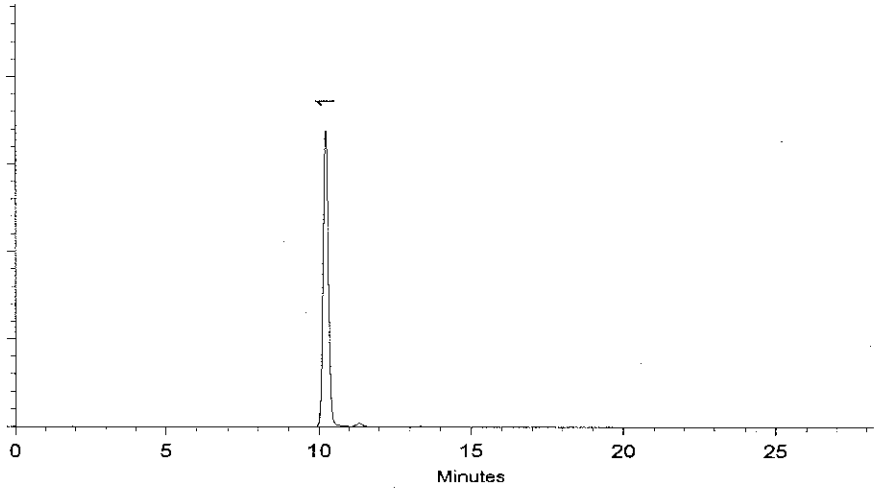
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 11/5/12

John Lidgett - QA Analyst

Date Passed: 23-Jun-2011 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31452 **Lot No.:** A082463

Description : 8330 Internal Standard Mix

SV Mix, 8000 Series Method, 8330 Internal Std, 3,4-dinitrotoluene, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L., K=2) [4]
1	3,4-Dinitrotoluene	610-39-9	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

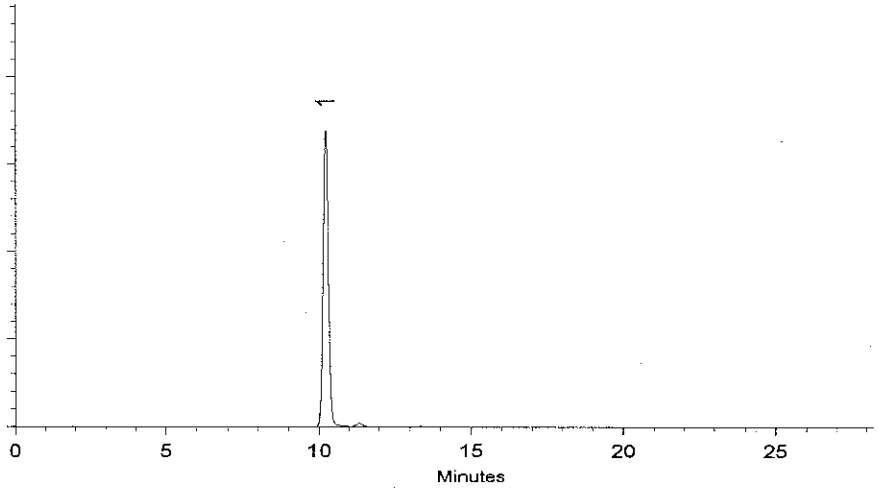
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 11/5/12

John Lidgett - QA Analyst

Date Passed: 23-Jun-2011 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

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Rcvd 8/28/17 RM

Certificate of Analysis

ACCREDITED
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31452 **Lot No.:** A087054

Description : 8330 Internal Standard Mix

8330 Internal Std 3, 4-Dinitrotoluene 1000ug/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 2017 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	3,4-Dinitrotoluene	1,000.0 ug/mL	+/- 5.9397	ug/mL	Gravimetric
	CAS # 610-39-9		+/- 12.1149	ug/mL	Unstressed
	Purity 99%		+/- 13.6550	ug/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

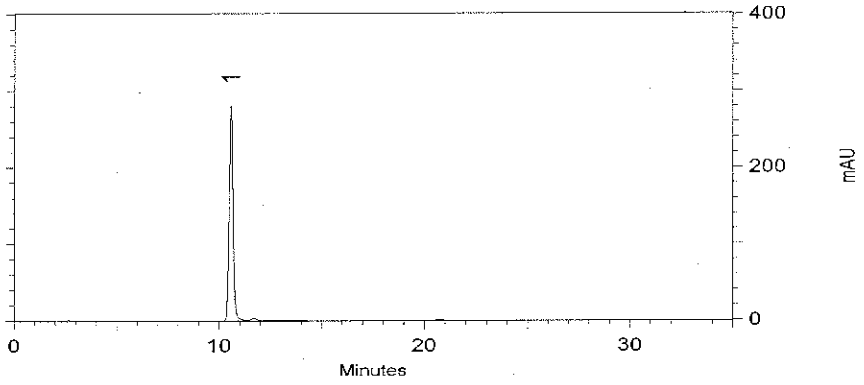
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Valerie N. Walters - QA Analyst

Date Passed: 06-Apr-2012 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date of the unopened ampul stored at the recommended storage condition is the last day of the month listed in the expiration date field.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Standard Solution Assay Parameters

Analysis Method:	HPLC/UV
Column:	Prodigy ODS 3, 4.6 x 250 mm
Mobile Phase:	A: Water B: Methanol

Gradient Program:

Time (mins)	%A	%B
0.0	50	50
10.0	40	60
25.0	40	60

Flow Rate:	0.8 mL/min
Wavelength:	254 nm

Calibration Curve

Calibration Curve:	Linear Regression
Number of Points:	1

Solution Standard Verification and Homogeneity

Compound	Verified Concentration µg/mL	Acceptance Criteria	%RSD - Homogeneity %	Acceptance Criteria
2-Amino-4,6-dinitrotoluene	199.9	± 10%	0.8	≤ 3%
4-Amino-2,6-dinitrotoluene	201.3	± 10%	1.4	≤ 3%
1,3-Dinitrobenzene	199.5	± 10%	0.7	≤ 3%
2,4-Dinitrotoluene	200.1	± 10%	0.6	≤ 3%
2,6-Dinitrotoluene	197.7	± 10%	0.9	≤ 3%
HMX	199.5	± 10%	0.7	≤ 3%
Nitrobenzene	199.8	± 10%	0.5	≤ 3%
2-Nitrotoluene	199.5	± 10%	0.2	≤ 3%
3-Nitrotoluene	199.0	± 10%	0.5	≤ 3%
4-Nitrotoluene	199.4	± 10%	0.6	≤ 3%
RDX	199.4	± 10%	0.7	≤ 3%
Tetryl	197.8	± 10%	0.7	≤ 3%
1,3,5-Trinitrobenzene	199.3	± 10%	0.7	≤ 3%
2,4,6-Trinitrotoluene (TNT)	198.6	± 10%	1.0	≤ 3%

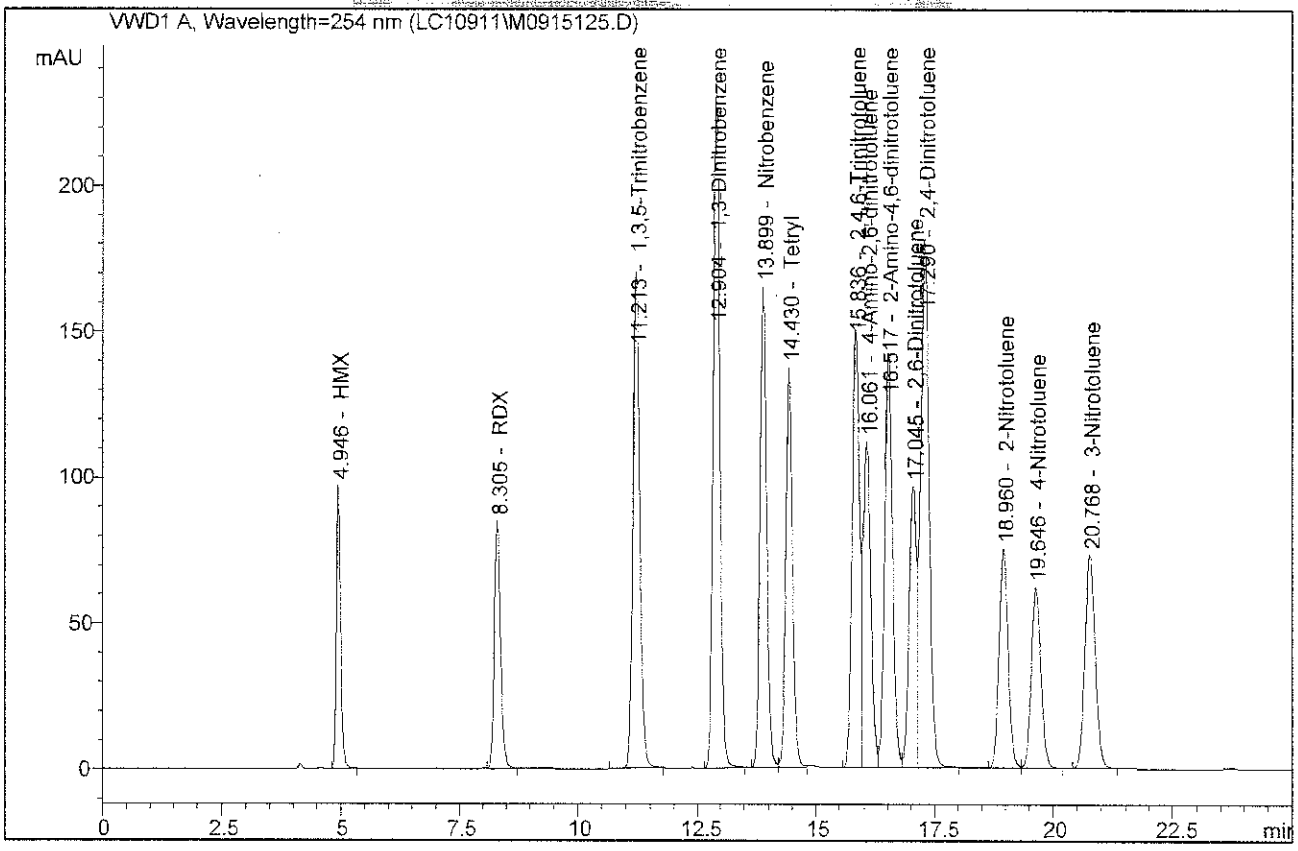
- Concentration is verified through multiple analyses and is calculated as the average of multiple analyses compared to an independently prepared calibration curve.
- Homogeneity is ensured through rigorous production process controls statistically analyzed to evaluate risk and verified by analysis. The %RSD of samples pulled from across the lot demonstrate homogeneity.
- Product is compared to prior lot and meets acceptance criteria of ± 10%.

Neat Material Data

Compound	Lot Number	CAS Number	Chemical Formula	Molecular Weight	Chromatographic Purity
2-Amino-4,6-dinitrotoluene	29550-55	35572-78-2	$C_7H_7N_3O_4$	197.15	99.98%
4-Amino-2,6-dinitrotoluene	ER070908-01	19406-51-0	$C_7H_7N_3O_4$	197.15	99.88%
1,3-Dinitrobenzene	EB-1876	99-65-0	$C_6H_4N_2O_4$	168.11	98.72%
2,4-Dinitrotoluene	EB-1379	121-14-2	$C_7H_6N_2O_4$	182.14	99.00%
2,6-Dinitrotoluene	PER-083-93401	606-20-2	$C_7H_6N_2O_4$	182.14	99.59%
HMX	ER052908-01	2691-41-0	$C_4H_8N_8O_8$	296.16	98.41%
Nitrobenzene	PR090310-01	98-95-3	$C_6H_5NO_2$	123.11	99.96%
2-Nitrotoluene	EB-1509	88-72-2	$C_7H_7NO_2$	137.14	99.95%
3-Nitrotoluene	EB-1519	99-08-1	$C_7H_7NO_2$	137.14	99.94%
4-Nitrotoluene	EB-1816	99-99-0	$C_7H_7NO_2$	137.14	99.81%
RDX	ER091609-04	121-82-4	$C_3H_6N_6O_6$	222.12	99.94%
Tetryl	34268-43	479-45-8	$C_7H_5N_5O_8$	287.15	98.67%
1,3,5-Trinitrobenzene	PR122706-01	99-35-4	$C_6H_3N_3O_6$	213.11	99.96%
2,4,6-Trinitrotoluene (TNT)	PR041911-01	118-96-7	$C_7H_5N_3O_6$	227.13	99.89%

+ Purity Factor = [(100 - wt% residual solvent - wt% residual water - wt% residual inorganics) x Chromatographic Purity/100].

Product Analysis



Rcvd 3/16/12

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Testing Laboratory
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31601 **Lot No.:** A085885

Description : EGDN Standard

1000ug/mL, Methanol, 1mL/ampul *PGI BOX REQUIRED* SHIP FED EX GROUND ONLY

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 2017 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	EGDN	628-96-6	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

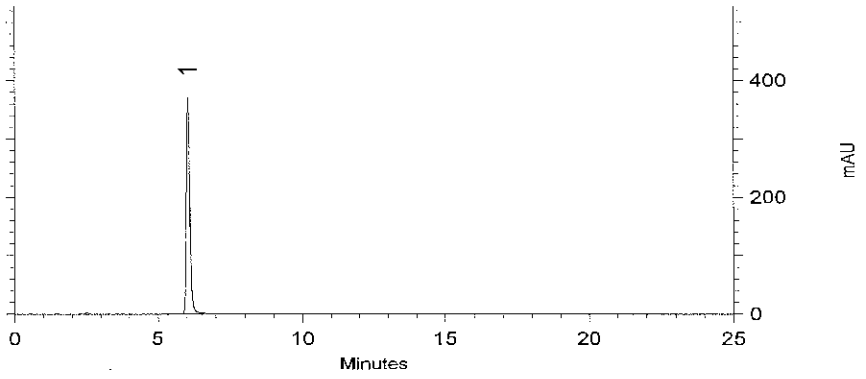
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 16-Jan-2012 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

General Reference Material Notes

Expiration Notes:

- Expiration date of the unopened ampul stored at the recommended storage condition is the last day of the month listed in the expiration date field.
- Uncertainty, concentration, and expiration of the RM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Uncertainty Value Notes:

- Uncertainties are determined using data from balances and glassware, raw material purity, and, when significant, equipment tolerances or calibration results.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

HP NGTA – 00001

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31498 **Lot No.:** A082035

Description : Nitroglycerin Standard

SV Mix, Nitroglycerin Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Nitroglycerin	55-63-0	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

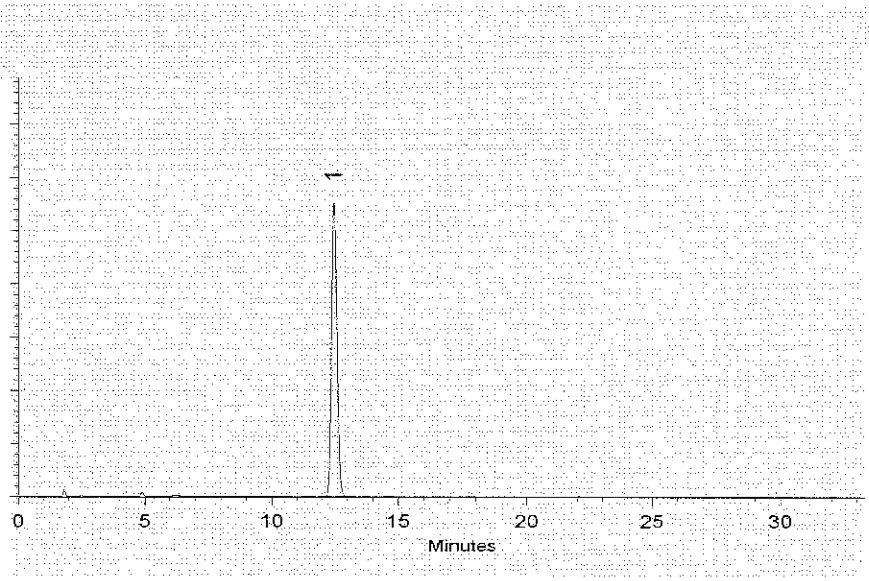
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HP NGTA – 00001

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Tel: (800)356-1688
Fax: (814)353-1309

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31498 **Lot No.:** A082035

Description : Nitroglycerin Standard

SV Mix, Nitroglycerin Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Nitroglycerin	55-63-0	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

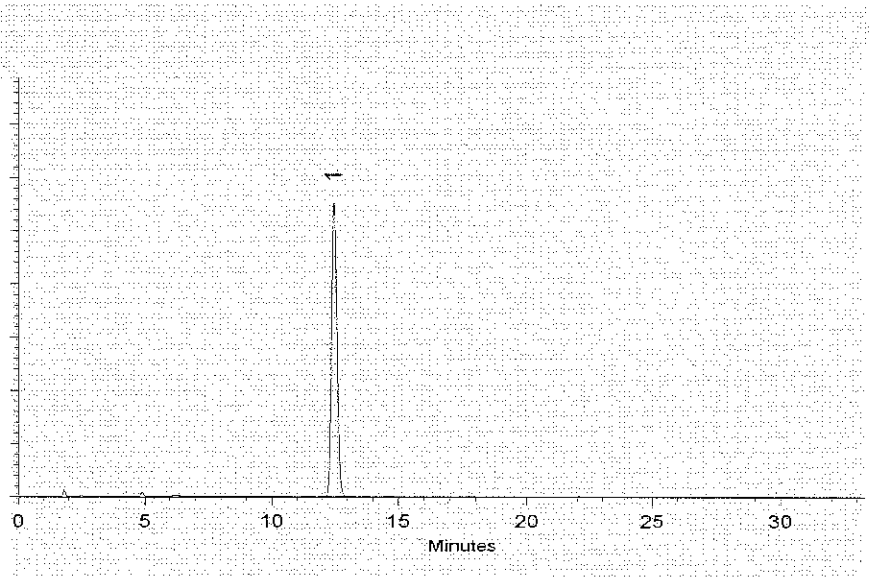
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HPNQTA-00001

5

10

RESTEK

Certificate of Analysis

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Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. :	31602	**Lot No.:**	A076817
Description :	Nitroguanidine Standard		
Container Size :	2 mL	**Pkg Amt:**	> 1 mL
Expiration Date : [1]	September 2015	**Storage:**	Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	% Grav.Uncert. [4] (95% C.L., K=2)
1	Nitroguanidine	556-88-7	99%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

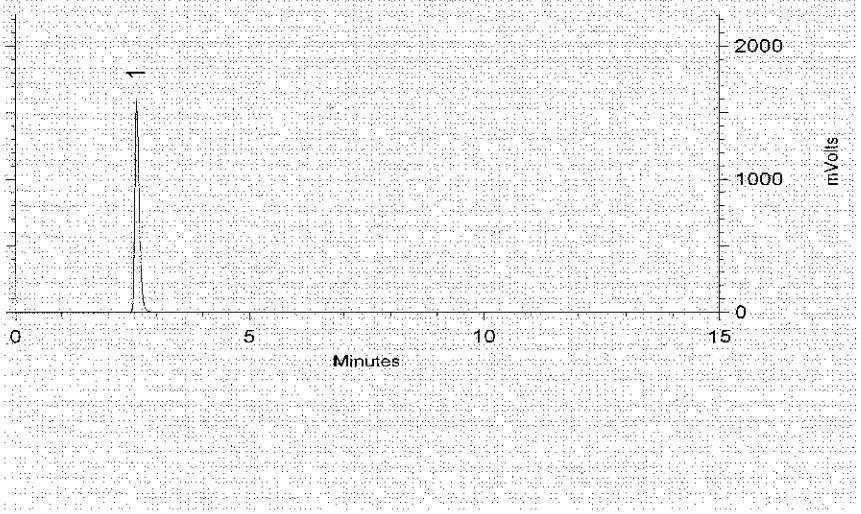
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 16-Sep-2010 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8330-ADD-6
Description: Nitroguanidine
Lot: 211111014
Solvent: Methanol

Date Certified: Nov 1, 2011
Expiration: Nov 1, 2013
Sample Size: 1 mL
Storage Condition: Freeze (<-10° C)
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (HPLC)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Nitroguanidine	556-88-7	100	100.5	100.5

Rcvd 5/25/12

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

Rcvd 3/20/12

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

ACCREDITED Reference Material Producer Certificate #3222.01

ACCREDITED Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31499 **Lot No.:** A086505

Description : Picric Acid Standard

1000ug/mL, Methanol, 1mL/ampul *PGI BOX REQUIRED* SHIP FED EX GROUND ONLY

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2017 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Picric Acid	1,000.0 ug/mL	+/- 5.9397	ug/mL	Gravimetric
	CAS # 88-89-1		+/- 32.2037	ug/mL	Unstressed
	Purity 99%		+/- 44.7693	ug/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.53mm x 0.5um
Rtx-5 (cat.# 10240)

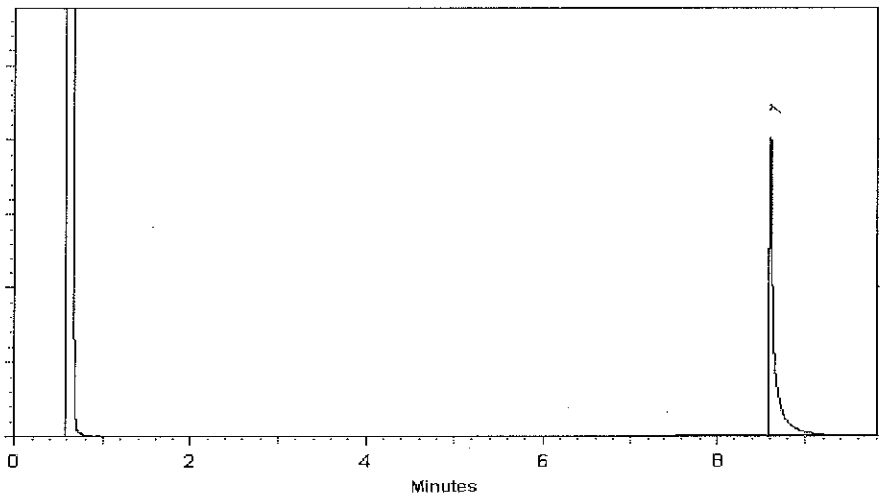
Carrier Gas:
hydrogen-constant flow 11 mL/min

Temp. Program:
70°C (hold 2 min.) to 225°C
@ 20°C/min.

Inj. Temp:
cold on-column

Det. Temp:
335°C

Det. Type:
FID



Valerie N. Walters - QA Analyst

Date Passed: 16-Mar-2012 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

Rec'd 3/16/12

RESTEK

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31600 **Lot No.:** A085138

Description : PETN Standard

SV Mix, PETN Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	PETN	78-11-5	99%	1,000.0 ug/mL	+/- 5.8686 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

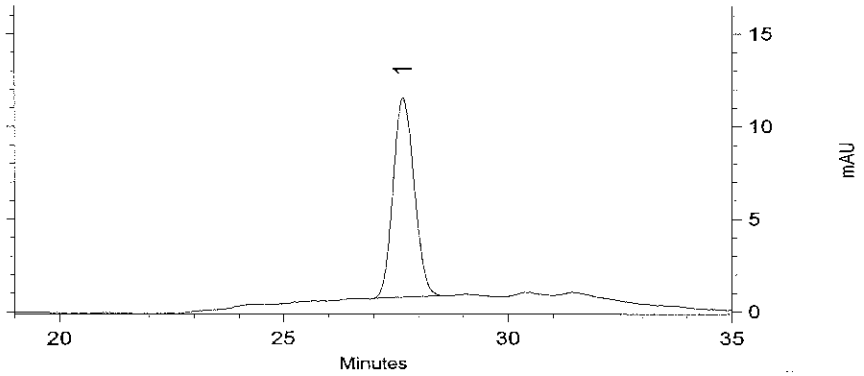
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 23-Nov-2011 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

Rec'd 3/16/12

RESTEK

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31600 **Lot No.:** A085138

Description : PETN Standard

SV Mix, PETN Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	PETN	78-11-5	99%	1,000.0 ug/mL	+/- 5.8686 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

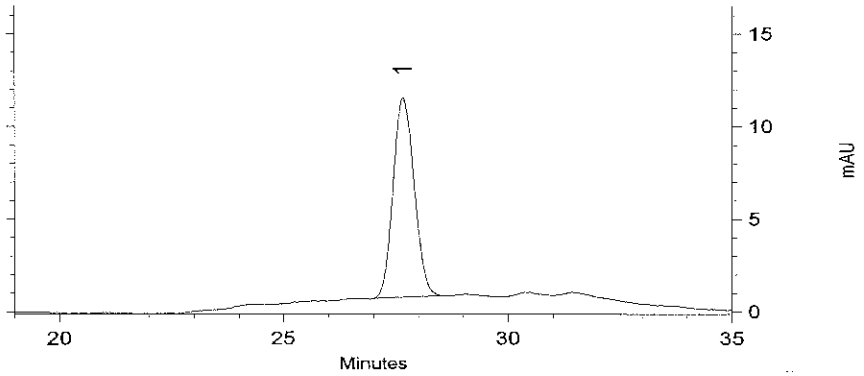
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 23-Nov-2011 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

ERA

A Waters Company

Certificate of Analysis

Rcd 11/6/12

PRODUCT:	1000 mg/L Nitrite as N (NO_2-N)
CATALOG NUMBER:	053 -125 mL; 990 - 500 mL
LOT NUMBER:	210912
ISSUE DATE:	September 21, 2012
REVISION DATE:	Original
STARTING MATERIAL:	Sodium Nitrite ($NaNO_2$)
CERTIFIED CONCENTRATION[1]:	1000 mg/L
UNCERTAINTY[2]:	0.6%
MATRIX:	18 megohm deionized water
DENSITY:	1.0007 ± 0.0008 g/mL at 21.5°C and 778 mm Hg
TRACEABILITY[3]:	NA
NIST/SRM:	SRM not available
VERIFICATION METHOD:	Ion Chromatography
STORAGE:	Store at 20-25°C

1. The **Certified Concentration** is the actual made-to concentration confirmed by ERA analytical verification.

2. The stated **Uncertainty** is the total propagated uncertainty at the 95% confidence interval. The uncertainty is based on the preparation and internal analytical verification of the product by ERA, multiplied by a coverage factor which is equal to the student t factor at a 95% confidence interval at n-1 degrees of freedom. The uncertainty applies to the product as supplied and does not take into account any required or optional dilutions and/or preparations the laboratory may perform while using this product.

3. Traceability Recovery = ((% Recovery certified standard)/(% Recovery NIST SRM))*100.

   The traceability data shown were compiled by analyzing the ERA standards or their associated stock solutions against the applicable NIST SRMs.

This standard **expires 9/2014**. The certified values are monitored and purchasers will be notified of any significant changes resulting in recertification or withdrawal of this certified reference material during the period of validity of this certificate.

This product is intended to be used as either a calibration standard or a quality control check of the entire analytical process for the analytes/matrix included in the standard.

If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or email to info@eraqc.com

Certifying Officer: Tom Widera

ACCREDITED

REFERENCE MATERIAL PRODUCER
CERT # 1539.03

16341 Table Mtn Pkwy, Golden, CO 80403 800-372-0122 fax: 303-421-0159 www.eraqc.com

DEC 1 9 2013

USA
5580 Skylane Boulevard P: 707.525.5788
Santa Rosa, CA 95403 P: 800.878.7654
F: 707.545.7901

CPI INTERNATIONAL
Advanced Analytical, Semiconductor and Life Science Solutions

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P.O. Box 2704 P: +31 20 638 05 97
1000 CS Amsterdam F: +31 20 420 28 36
The Netherlands

www.cpiinternational.com
www.colitag.com

CERTIFICATE OF ANALYSIS

P/N 4400-IC12M

Ion Chromatography Nitrogen Standard
N in H_2O
1000 µg/mL ± 0.5%

Lot # 12B200

Material Source: Sodium nitrite ($NaNO_2$)
Source Purity: 99.99%

This standard solution was prepared using a high-purity starting material and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in a Class A volumetric glassware calibrated in accordance with National Bureau of Standards Circular 602. All balances are routinely calibrated using Class F NIST traceable weights.

This solution was certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

ISO 9001:2008 REGISTERED COMPANY
ACLASS
ISO 17025
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PEAK PERFORMANCE™ CERTIFIED REFERENCE MATERIALS
MOD BLOCK
Accu•prep 7000™ Extraction Manifold
Nu•Phase™ SPE Disks

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-17422-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAC	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAC	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAC	5	200004
TestAmerica Canton	Kansas	NELAC	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAC	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAC	2	OH001
TestAmerica Canton	New York	NELAC	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica Canton	Texas	NELAC	6	
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAC	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190
TestAmerica West Sacramento	A2LA	DoD ELAP		2928-01
TestAmerica West Sacramento	Arizona	State Program	9	AZ0708
TestAmerica West Sacramento	Arkansas DEQ	State Program	6	88-0691
TestAmerica West Sacramento	California	NELAC	9	1119CA
TestAmerica West Sacramento	Colorado	State Program	8	N/A
TestAmerica West Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica West Sacramento	Florida	NELAC	4	E87570
TestAmerica West Sacramento	Guam	State Program	9	N/A
TestAmerica West Sacramento	Hawaii	State Program	9	N/A
TestAmerica West Sacramento	Illinois	NELAC	5	200060
TestAmerica West Sacramento	Kansas	NELAC	7	E-10375
TestAmerica West Sacramento	Louisiana	NELAC	6	30612
TestAmerica West Sacramento	Michigan	State Program	5	9947
TestAmerica West Sacramento	Nevada	State Program	9	CA44
TestAmerica West Sacramento	New Jersey	NELAC	2	CA005
TestAmerica West Sacramento	New York	NELAC	2	11666
TestAmerica West Sacramento	Northern Mariana Islands	State Program	9	MP0007
TestAmerica West Sacramento	Oregon	NELAC	10	CA200005
TestAmerica West Sacramento	Pennsylvania	NELAC	3	68-01272
TestAmerica West Sacramento	South Carolina	State Program	4	87014
TestAmerica West Sacramento	Texas	NELAC	6	T104704399-08-TX
TestAmerica West Sacramento	US Fish & Wildlife	Federal		LE148388-0
TestAmerica West Sacramento	USDA	Federal		P330-11-00436
TestAmerica West Sacramento	Utah	NELAC	8	QUAN1
TestAmerica West Sacramento	Washington	State Program	10	C581
TestAmerica West Sacramento	West Virginia	State Program	3	9930C
TestAmerica West Sacramento	West Virginia DEP	State Program	3	334
TestAmerica West Sacramento	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B DOD

Volatile Organic Compounds (GC/MS) by Method 8260B/DOD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-64980/5	90	96	98	93
	MRL 240-64980/33	88	100	97	95
	MRL 240-65171/5	89	97	97	95
	MRL 240-65171/29	87	100	96	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #	
076SS-0019M-0001-SO	240-17422-1	84	103	97	105	
076SS-0020M-0001-SO	240-17422-2	77	98	94	100	
076SS-0021M-0001-SO	240-17422-3	84	106	100	107	
073SS-0002M-0001-SO	240-17422-5	82	103	112	123	Q
073SS-0003M-0001-SO	240-17422-6	81	96	103	115	
	MB 240-64980/8	82	93	94	90	
	MB 240-65171/8	83	95	93	97	
	LCS 240-64980/7	93	96	94	97	
	LCS 240-65171/7	93	94	97	102	
076SS-0020M-0001-SO MS	240-17422-2 MS	94	99	100	109	
073SS-0003M-0001-SO MS	240-17422-6 MS	95	99	112	124	Q
076SS-0020M-0001-SO MSD	240-17422-2 MSD	92	98	94	103	
073SS-0003M-0001-SO MSD	240-17422-6 MSD	92	93	103	112	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-64831/5	100	99	104	99
	MRL 240-64831/12	104	104	109	97

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
073SS-0006-0001-TB	240-17422-16	104	103	105	91
	MB 240-64831/6	101	102	101	94
	LCS 240-64831/4	102	105	104	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX0864.D

Lab ID: LCS 240-64831/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	20.0	19.0	95	30-150	
Acetone	20.0	21.4	107	40-140	
Benzene	10.0	10.4	104	80-120	
Bromochloromethane	10.0	10.2	102	65-130	
Bromodichloromethane	10.0	10.5	105	75-120	
Bromoform	10.0	9.95	100	70-130	
Bromomethane	10.0	10.1	101	30-145	
Carbon disulfide	10.0	11.0	110	35-160	
1,1-Dichloroethane	10.0	10.8	108	70-135	
Carbon tetrachloride	10.0	10.4	104	65-140	
1,2-Dichloroethane	10.0	10.4	104	70-130	
Chlorobenzene	10.0	10.1	101	80-120	
1,1-Dichloroethene	10.0	10.9	109	70-130	
Chloroethane	10.0	10.5	105	60-135	
Chloroform	10.0	10.1	101	65-135	
1,2-Dichloropropane	10.0	10.4	104	75-125	
Chloromethane	10.0	9.74	97	40-125	
2-Hexanone	20.0	20.0	100	55-130	
cis-1,3-Dichloropropene	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	10.1	101	60-135	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	100	60-135	
Ethylbenzene	10.0	10.4	104	75-125	
Methyl tert-butyl ether	10.0	10.4	104	65-125	
Methylene Chloride	10.0	11.4	114	55-140	
1,1,2,2-Tetrachloroethane	10.0	9.64	96	65-130	
Styrene	10.0	10.7	107	65-135	
Tetrachloroethene	10.0	9.91	99	45-150	
Toluene	10.0	10.4	104	75-120	
1,1,1-Trichloroethane	10.0	10.7	107	65-130	
1,1,2-Trichloroethane	10.0	10.4	104	75-125	
trans-1,3-Dichloropropene	10.0	10.3	103	55-140	
Trichloroethene	10.0	10.4	104	70-125	
Vinyl chloride	10.0	10.0	100	50-145	
Xylenes, Total	30.0	31.6	105	75-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149142.D

Lab ID: LCS 240-64980/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	100	98.9	99	30-160	
Acetone	100	119	119	20-160	
Benzene	50.0	50.5	101	75-125	
Bromochloromethane	50.0	50.7	101	70-125	
Bromodichloromethane	50.0	44.6	89	70-130	
Bromoform	50.0	45.5	91	55-135	
Bromomethane	50.0	49.8	100	30-160	
Carbon disulfide	50.0	42.4	85	45-160	
1,1-Dichloroethane	50.0	52.4	105	75-125	
Carbon tetrachloride	50.0	51.1	102	65-135	
1,2-Dichloroethane	50.0	51.4	103	70-135	
Chlorobenzene	50.0	48.0	96	75-125	
1,1-Dichloroethene	50.0	53.0	106	65-135	
Chloroethane	50.0	51.4	103	40-155	
Chloroform	50.0	51.1	102	70-125	
1,2-Dichloropropane	50.0	51.4	103	70-120	
Chloromethane	50.0	51.7	103	50-130	
2-Hexanone	100	102	102	45-145	
cis-1,3-Dichloropropene	50.0	45.0	90	70-125	
Dibromochloromethane	50.0	46.4	93	65-130	
4-Methyl-2-pentanone (MIBK)	100	112	112	45-145	
Ethylbenzene	50.0	49.1	98	75-125	
Methyl tert-butyl ether	50.0	50.7	101	70-130	
Methylene Chloride	50.0	55.4	111	55-140	
1,1,2,2-Tetrachloroethane	50.0	55.4	111	55-130	
Styrene	50.0	50.2	100	75-125	
Tetrachloroethene	50.0	50.0	100	65-140	
Toluene	50.0	50.0	100	70-125	
1,1,1-Trichloroethane	50.0	55.9	112	70-135	
1,1,2-Trichloroethane	50.0	53.3	107	60-125	
trans-1,3-Dichloropropene	50.0	44.0	88	65-125	
Trichloroethene	50.0	51.6	103	75-125	
Vinyl chloride	50.0	50.7	101	60-125	
Xylenes, Total	150	152	101	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149175.D

Lab ID: LCS 240-65171/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	100	107	107	30-160	
Acetone	100	116	116	20-160	
Benzene	50.0	49.4	99	75-125	
Bromochloromethane	50.0	49.6	99	70-125	
Bromodichloromethane	50.0	44.0	88	70-130	
Bromoform	50.0	44.8	90	55-135	
Bromomethane	50.0	43.0	86	30-160	
Carbon disulfide	50.0	38.9	78	45-160	
1,1-Dichloroethane	50.0	51.0	102	75-125	
Carbon tetrachloride	50.0	49.1	98	65-135	
1,2-Dichloroethane	50.0	50.2	100	70-135	
Chlorobenzene	50.0	48.4	97	75-125	
1,1-Dichloroethene	50.0	49.9	100	65-135	
Chloroethane	50.0	44.2	88	40-155	
Chloroform	50.0	48.8	98	70-125	
1,2-Dichloropropane	50.0	52.2	104	70-120	
Chloromethane	50.0	48.2	96	50-130	
2-Hexanone	100	110	110	45-145	
cis-1,3-Dichloropropene	50.0	46.1	92	70-125	
Dibromochloromethane	50.0	48.1	96	65-130	
4-Methyl-2-pentanone (MIBK)	100	111	111	45-145	
Ethylbenzene	50.0	49.5	99	75-125	
Methyl tert-butyl ether	50.0	48.4	97	70-130	
Methylene Chloride	50.0	49.0	98	55-140	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	55-130	
Styrene	50.0	52.1	104	75-125	
Tetrachloroethene	50.0	50.1	100	65-140	
Toluene	50.0	49.1	98	70-125	
1,1,1-Trichloroethane	50.0	52.5	105	70-135	
1,1,2-Trichloroethane	50.0	53.1	106	60-125	
trans-1,3-Dichloropropene	50.0	45.0	90	65-125	
Trichloroethene	50.0	50.5	101	75-125	
Vinyl chloride	50.0	47.1	94	60-125	
Xylenes, Total	150	149	99	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX0865.D

Lab ID: MRL 240-64831/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00880 J	88	70-130	
Acetone	0.0100	0.00924 J	92	70-130	
Benzene	0.00100	0.00113	113	70-130	
Bromochloromethane	0.00100	0.00103	103	70-130	
Bromodichloromethane	0.00100	0.00103	103	70-130	
Bromoform	0.00100	0.000918 J	92	70-130	
Bromomethane	0.00100	0.00135	135	70-130	^
Carbon disulfide	0.00100	0.00101	101	70-130	
1,1-Dichloroethane	0.00100	0.00109	109	70-130	
Carbon tetrachloride	0.00100	0.00106	106	70-130	
1,2-Dichloroethane	0.00100	0.00113	113	70-130	
Chlorobenzene	0.00100	0.00111	111	70-130	
1,1-Dichloroethene	0.00100	0.00102	102	70-130	
Chloroethane	0.00100	0.00143	143	70-130	^
Chloroform	0.00100	0.00108	108	70-130	
1,2-Dichloropropane	0.00100	0.00102	102	70-130	
Chloromethane	0.00100	0.00135	135	70-130	^
2-Hexanone	0.0100	0.00941 J	94	70-130	
cis-1,3-Dichloropropene	0.00100	0.000883 J	88	70-130	
Dibromochloromethane	0.00100	0.000963 J	96	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00913 J	91	70-130	
Ethylbenzene	0.00100	0.00104	104	70-130	
Methyl tert-butyl ether	0.00100	0.00106	106	70-130	
Methylene Chloride	0.00100	0.00251	251	70-130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00115	115	70-130	
Styrene	0.00100	0.000944 J	94	70-130	
Tetrachloroethene	0.00100	0.00105	105	70-130	
Toluene	0.00100	0.00110	110	70-130	
1,1,1-Trichloroethane	0.00100	0.00112	112	70-130	
1,1,2-Trichloroethane	0.00100	0.00107	107	70-130	
trans-1,3-Dichloropropene	0.00100	0.000895 J	89	70-130	
Trichloroethene	0.00100	0.00105	105	70-130	
Vinyl chloride	0.00100	0.00123	123	70-130	
Xylenes, Total	0.00300	0.00292	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX0872.D

Lab ID: MRL 240-64831/12 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00916 J	92	70-130	
Acetone	0.0100	0.00985 J	99	70-130	
Benzene	0.00100	0.00104	104	70-130	
Bromochloromethane	0.00100	0.00109	109	70-130	
Bromodichloromethane	0.00100	0.000934 J	93	70-130	
Bromoform	0.00100	0.000769 J	77	70-130	
Bromomethane	0.00100	0.00115	115	70-130	
Carbon disulfide	0.00100	0.000973 J	97	70-130	
1,1-Dichloroethane	0.00100	0.00105	105	70-130	
Carbon tetrachloride	0.00100	0.00103	103	70-130	
1,2-Dichloroethane	0.00100	0.00105	105	70-130	
Chlorobenzene	0.00100	0.000988 J	99	70-130	
1,1-Dichloroethene	0.00100	0.00106	106	70-130	
Chloroethane	0.00100	0.00116	116	70-130	
Chloroform	0.00100	0.00107	107	70-130	
1,2-Dichloropropane	0.00100	0.00100	100	70-130	
Chloromethane	0.00100	0.00124	124	70-130	
2-Hexanone	0.0100	0.00917 J	92	70-130	
cis-1,3-Dichloropropene	0.00100	0.000883 J	88	70-130	
Dibromochloromethane	0.00100	0.000853 J	85	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00922 J	92	70-130	
Ethylbenzene	0.00100	0.000902 J	90	70-130	
Methyl tert-butyl ether	0.00100	0.000996 J	100	70-130	
Methylene Chloride	0.00100	0.00273	273	70-130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00103	103	70-130	
Styrene	0.00100	0.000771 J	77	70-130	
Tetrachloroethene	0.00100	0.00103	103	70-130	
Toluene	0.00100	0.00108	108	70-130	
1,1,1-Trichloroethane	0.00100	0.00104	104	70-130	
1,1,2-Trichloroethane	0.00100	0.00110	110	70-130	
trans-1,3-Dichloropropene	0.00100	0.000855 J	85	70-130	
Trichloroethene	0.00100	0.00102	102	70-130	
Vinyl chloride	0.00100	0.00116	116	70-130	
Xylenes, Total	0.00300	0.00260	87	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149140.D

Lab ID: MRL 240-64980/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00959 J	96	70-130	
Acetone	0.0100	0.0159	159	70-130	^
Benzene	0.00500	0.00507	101	70-130	
Bromochloromethane	0.00500	0.00504	101	70-130	
Bromodichloromethane	0.00500	0.00418	84	70-130	
Bromoform	0.00500	0.00619	124	70-130	
Bromomethane	0.00500	0.00523	105	70-130	
Carbon disulfide	0.00500	0.00387	77	70-130	
1,1-Dichloroethane	0.00500	0.00490	98	70-130	
Carbon tetrachloride	0.00500	0.00459	92	70-130	
1,2-Dichloroethane	0.00500	0.00510	102	70-130	
Chlorobenzene	0.00500	0.00489	98	70-130	
1,1-Dichloroethene	0.00500	0.00518	104	70-130	
Chloroethane	0.00500	0.00514	103	70-130	
Chloroform	0.00500	0.00486	97	70-130	
1,2-Dichloropropane	0.00500	0.00488	98	70-130	
Chloromethane	0.00500	0.00504	101	70-130	
2-Hexanone	0.0100	0.00966 J	97	70-130	
cis-1,3-Dichloropropene	0.00500	0.00512	102	70-130	
Dibromochloromethane	0.00500	0.00493	99	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0103	103	70-130	
Ethylbenzene	0.00500	0.00462	92	70-130	
Methyl tert-butyl ether	0.00500	0.00490	98	70-130	
Methylene Chloride	0.00500	0.00796	159	70-130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00472	94	70-130	
Styrene	0.00500	0.00442	88	70-130	
Tetrachloroethene	0.00500	0.00528	106	70-130	
Toluene	0.00500	0.00518	104	70-130	
1,1,1-Trichloroethane	0.00500	0.00489	98	70-130	
1,1,2-Trichloroethane	0.00500	0.00515	103	70-130	
trans-1,3-Dichloropropene	0.00500	0.00427	85	70-130	
Trichloroethene	0.00500	0.00515	103	70-130	
Vinyl chloride	0.00500	0.00495	99	70-130	
Xylenes, Total	0.0150	0.0146	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149168.D

Lab ID: MRL 240-64980/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00998 J	100	70-130	
Acetone	0.0100	0.0157	157	70-130	^
Benzene	0.00500	0.00502	100	70-130	
Bromochloromethane	0.00500	0.00491	98	70-130	
Bromodichloromethane	0.00500	0.00390	78	70-130	
Bromoform	0.00500	0.00591	118	70-130	
Bromomethane	0.00500	0.00480	96	70-130	
Carbon disulfide	0.00500	0.00362	72	70-130	
1,1-Dichloroethane	0.00500	0.00480	96	70-130	
Carbon tetrachloride	0.00500	0.00448	90	70-130	
1,2-Dichloroethane	0.00500	0.00537	107	70-130	
Chlorobenzene	0.00500	0.00504	101	70-130	
1,1-Dichloroethene	0.00500	0.00488	98	70-130	
Chloroethane	0.00500	0.00518	104	70-130	
Chloroform	0.00500	0.00487	97	70-130	
1,2-Dichloropropane	0.00500	0.00496	99	70-130	
Chloromethane	0.00500	0.00510	102	70-130	
2-Hexanone	0.0100	0.00893 J	89	70-130	
cis-1,3-Dichloropropene	0.00500	0.00514	103	70-130	
Dibromochloromethane	0.00500	0.00459	92	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00935 J	94	70-130	
Ethylbenzene	0.00500	0.00481	96	70-130	
Methyl tert-butyl ether	0.00500	0.00489	98	70-130	
Methylene Chloride	0.00500	0.00645	129	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00491	98	70-130	
Styrene	0.00500	0.00439	88	70-130	
Tetrachloroethene	0.00500	0.00505	101	70-130	
Toluene	0.00500	0.00517	103	70-130	
1,1,1-Trichloroethane	0.00500	0.00476	95	70-130	
1,1,2-Trichloroethane	0.00500	0.00510	102	70-130	
trans-1,3-Dichloropropene	0.00500	0.00397	79	70-130	
Trichloroethene	0.00500	0.00506	101	70-130	
Vinyl chloride	0.00500	0.00505	101	70-130	
Xylenes, Total	0.0150	0.0149	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149173.D

Lab ID: MRL 240-65171/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0102	102	70-130	
Acetone	0.0100	0.0175	175	70-130	^
Benzene	0.00500	0.00490	98	70-130	
Bromochloromethane	0.00500	0.00475	95	70-130	
Bromodichloromethane	0.00500	0.00411	82	70-130	
Bromoform	0.00500	0.00607	121	70-130	
Bromomethane	0.00500	0.00580	116	70-130	
Carbon disulfide	0.00500	0.00358	72	70-130	
1,1-Dichloroethane	0.00500	0.00470	94	70-130	
Carbon tetrachloride	0.00500	0.00456	91	70-130	
1,2-Dichloroethane	0.00500	0.00505	101	70-130	
Chlorobenzene	0.00500	0.00498	100	70-130	
1,1-Dichloroethene	0.00500	0.00478	96	70-130	
Chloroethane	0.00500	0.00562	112	70-130	
Chloroform	0.00500	0.00474	95	70-130	
1,2-Dichloropropane	0.00500	0.00485	97	70-130	
Chloromethane	0.00500	0.00583	117	70-130	
2-Hexanone	0.0100	0.00914 J	91	70-130	
cis-1,3-Dichloropropene	0.00500	0.00504	101	70-130	
Dibromochloromethane	0.00500	0.00454	91	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00948 J	95	70-130	
Ethylbenzene	0.00500	0.00470	94	70-130	
Methyl tert-butyl ether	0.00500	0.00465	93	70-130	
Methylene Chloride	0.00500	0.00565	113	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00464	93	70-130	
Styrene	0.00500	0.00411	82	70-130	
Tetrachloroethene	0.00500	0.00523	105	70-130	
Toluene	0.00500	0.00494	99	70-130	
1,1,1-Trichloroethane	0.00500	0.00465	93	70-130	
1,1,2-Trichloroethane	0.00500	0.00489	98	70-130	
trans-1,3-Dichloropropene	0.00500	0.00416	83	70-130	
Trichloroethene	0.00500	0.00490	98	70-130	
Vinyl chloride	0.00500	0.00555	111	70-130	
Xylenes, Total	0.0150	0.0139	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149197.D

Lab ID: MRL 240-65171/29 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0119	119	70-130	
Acetone	0.0100	0.0201	201	70-130	^
Benzene	0.00500	0.00504	101	70-130	
Bromochloromethane	0.00500	0.00472	94	70-130	
Bromodichloromethane	0.00500	0.00433	87	70-130	
Bromoform	0.00500	0.00648	130	70-130	
Bromomethane	0.00500	0.00491	98	70-130	
Carbon disulfide	0.00500	0.00353	71	70-130	
1,1-Dichloroethane	0.00500	0.00476	95	70-130	
Carbon tetrachloride	0.00500	0.00444	89	70-130	
1,2-Dichloroethane	0.00500	0.00522	104	70-130	
Chlorobenzene	0.00500	0.00495	99	70-130	
1,1-Dichloroethene	0.00500	0.00467	93	70-130	
Chloroethane	0.00500	0.00482	96	70-130	
Chloroform	0.00500	0.00471	94	70-130	
1,2-Dichloropropane	0.00500	0.00508	102	70-130	
Chloromethane	0.00500	0.00516	103	70-130	
2-Hexanone	0.0100	0.0109	109	70-130	
cis-1,3-Dichloropropene	0.00500	0.00542	108	70-130	
Dibromochloromethane	0.00500	0.00492	98	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0102	102	70-130	
Ethylbenzene	0.00500	0.00487	97	70-130	
Methyl tert-butyl ether	0.00500	0.00451	90	70-130	
Methylene Chloride	0.00500	0.00528	106	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00525	105	70-130	
Styrene	0.00500	0.00453	91	70-130	
Tetrachloroethene	0.00500	0.00537	107	70-130	
Toluene	0.00500	0.00512	102	70-130	
1,1,1-Trichloroethane	0.00500	0.00437	87	70-130	
1,1,2-Trichloroethane	0.00500	0.00567	113	70-130	
trans-1,3-Dichloropropene	0.00500	0.00425	85	70-130	
Trichloroethene	0.00500	0.00521	104	70-130	
Vinyl chloride	0.00500	0.00518	104	70-130	
Xylenes, Total	0.0150	0.0148	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149182.D

Lab ID: 240-17422-2 MS Client ID: 076SS-0020M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	59.7	1.2 U	56.5	95	70-135	
1,1,2,2-Tetrachloroethane	59.7	0.58 U	71.1	119	55-130	
1,1,2-Trichloroethane	59.7	0.58 U	66.2	111	60-125	
1,1-Dichloroethane	59.7	0.58 U	58.6	98	75-125	
1,1-Dichloroethene	59.7	1.2 U	56.4	95	65-135	
1,2-Dichloroethane	59.7	0.58 U	60.7	102	70-135	
1,2-Dichloropropane	59.7	1.2 U	58.8	98	70-120	
2-Butanone (MEK)	119	2.3 U	126	105	30-160	
2-Hexanone	119	1.2 U	96.4	81	45-145	
4-Methyl-2-pentanone (MIBK)	119	1.2 U	125	105	45-145	
Acetone	119	26	165	117	20-160	
Benzene	59.7	0.58 U	56.5	95	75-125	
Bromochloromethane	59.7	1.2 U	57.3	96	70-125	
Bromodichloromethane	59.7	0.58 U	47.9	80	70-130	
Bromoform	59.7	0.58 U	47.7	80	55-135	
Bromomethane	59.7	1.2 U	47.3	79	30-160	
Carbon disulfide	59.7	0.58 U	37.3	62	45-160	
Carbon tetrachloride	59.7	0.58 U	51.8	87	65-135	
Chlorobenzene	59.7	0.58 U	51.2	86	75-125	
Chloroethane	59.7	1.2 U	47.7	80	40-155	
Chloroform	59.7	0.58 U	55.8	93	70-125	
Chloromethane	59.7	0.58 U	55.6	93	50-130	
cis-1,3-Dichloropropene	59.7	0.58 U	48.1	81	70-125	
Dibromochloromethane	59.7	1.2 U	53.7	90	65-130	
Ethylbenzene	59.7	0.58 U	54.0	90	75-125	
Methyl tert-butyl ether	59.7	0.58 U	59.8	100	70-130	
Methylene Chloride	59.7	1.2 U	51.8	87	55-140	
Styrene	59.7	0.58 U	50.1	84	75-125	
Tetrachloroethene	59.7	1.2 U	55.2	92	65-140	
Toluene	59.7	0.58 U	57.3	96	70-125	
trans-1,3-Dichloropropene	59.7	1.2 U	49.9	84	65-125	
Trichloroethene	59.7	0.58 U	56.5	95	75-125	
Vinyl chloride	59.7	0.58 U	53.6	90	60-125	
Xylenes, Total	179	1.7 U	158	88	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149186.D

Lab ID: 240-17422-6 MS Client ID: 073SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	62.7	1.5 U	58.5	93	70-135	
1,1,2,2-Tetrachloroethane	62.7	0.75 U	95.3	152	55-130	J
1,1,2-Trichloroethane	62.7	0.75 U	74.8	119	60-125	
1,1-Dichloroethane	62.7	0.75 U	61.7	98	75-125	
1,1-Dichloroethene	62.7	1.5 U	57.5	92	65-135	
1,2-Dichloroethane	62.7	0.75 U	61.1	97	70-135	
1,2-Dichloropropane	62.7	1.5 U	60.1	96	70-120	
2-Butanone (MEK)	125	3.0 U	151	120	30-160	
2-Hexanone	125	1.5 U	149	119	45-145	
4-Methyl-2-pentanone (MIBK)	125	1.5 U	183	146	45-145	J
Acetone	125	9.5 U	173	138	20-160	
Benzene	62.7	0.75 U	56.0	89	75-125	
Bromochloromethane	62.7	1.5 U	59.0	94	70-125	
Bromodichloromethane	62.7	0.75 U	48.5	77	70-130	
Bromoform	62.7	0.75 U	48.3	77	55-135	
Bromomethane	62.7	1.5 U	47.0	75	30-160	
Carbon disulfide	62.7	1.3 J	36.3	56	45-160	
Carbon tetrachloride	62.7	0.75 U	53.1	85	65-135	
Chlorobenzene	62.7	0.75 U	48.1	77	75-125	
Chloroethane	62.7	1.5 U	32.9	52	40-155	
Chloroform	62.7	0.75 U	57.1	91	70-125	
Chloromethane	62.7	0.75 U	58.5	93	50-130	
cis-1,3-Dichloropropene	62.7	0.75 U	44.1	70	70-125	
Dibromochloromethane	62.7	1.5 U	57.2	91	65-130	
Ethylbenzene	62.7	0.75 U	52.4	84	75-125	
Methyl tert-butyl ether	62.7	0.75 U	63.7	102	70-130	
Methylene Chloride	62.7	1.5 U	56.2	90	55-140	
Styrene	62.7	0.75 U	43.8	70	75-125	J
Tetrachloroethene	62.7	1.5 U	57.5	92	65-140	
Toluene	62.7	0.75 U	60.6	97	70-125	
trans-1,3-Dichloropropene	62.7	1.5 U	49.8	79	65-125	
Trichloroethene	62.7	0.75 U	53.6	85	75-125	
Vinyl chloride	62.7	0.75 U	55.5	88	60-125	
Xylenes, Total	188	2.3 U	154	82	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149183.D

Lab ID: 240-17422-2 MSD Client ID: 076SS-0020M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	59.0	50.7	86	11	30	70-135	
1,1,2,2-Tetrachloroethane	59.0	57.0	97	22	30	55-130	
1,1,2-Trichloroethane	59.0	55.4	94	18	30	60-125	
1,1-Dichloroethane	59.0	51.9	88	12	30	75-125	
1,1-Dichloroethene	59.0	51.8	88	9	30	65-135	
1,2-Dichloroethane	59.0	53.2	90	13	30	70-135	
1,2-Dichloropropane	59.0	52.1	88	12	30	70-120	
2-Butanone (MEK)	118	115	97	9	30	30-160	
2-Hexanone	118	94.7	80	2	30	45-145	
4-Methyl-2-pentanone (MIBK)	118	115	98	8	30	45-145	
Acetone	118	136	94	19	30	20-160	
Benzene	59.0	49.0	83	14	30	75-125	
Bromochloromethane	59.0	51.3	87	11	30	70-125	
Bromodichloromethane	59.0	42.4	72	12	30	70-130	
Bromoform	59.0	43.4	73	10	30	55-135	
Bromomethane	59.0	43.6	74	8	30	30-160	
Carbon disulfide	59.0	35.4	60	5	30	45-160	
Carbon tetrachloride	59.0	46.7	79	10	30	65-135	
Chlorobenzene	59.0	40.5	69	23	30	75-125	J
Chloroethane	59.0	38.6	65	21	30	40-155	
Chloroform	59.0	49.7	84	12	30	70-125	
Chloromethane	59.0	50.6	86	9	30	50-130	
cis-1,3-Dichloropropene	59.0	43.3	73	10	30	70-125	
Dibromochloromethane	59.0	45.5	77	17	30	65-130	
Ethylbenzene	59.0	41.6	71	26	30	75-125	J
Methyl tert-butyl ether	59.0	54.1	92	10	30	70-130	
Methylene Chloride	59.0	47.4	80	9	30	55-140	
Styrene	59.0	39.7	67	23	30	75-125	J
Tetrachloroethene	59.0	44.5	75	21	30	65-140	
Toluene	59.0	45.5	77	23	30	70-125	
trans-1,3-Dichloropropene	59.0	42.9	73	15	30	65-125	
Trichloroethene	59.0	49.3	83	14	30	75-125	
Vinyl chloride	59.0	49.5	84	8	30	60-125	
Xylenes, Total	177	123	69	25	30	75-125	J

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149187.D

Lab ID: 240-17422-6 MSD Client ID: 073SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	65.7	62.2	95	6	30	70-135	
1,1,2,2-Tetrachloroethane	65.7	78.2	119	20	30	55-130	
1,1,2-Trichloroethane	65.7	68.1	104	9	30	60-125	
1,1-Dichloroethane	65.7	63.2	96	2	30	75-125	
1,1-Dichloroethene	65.7	59.6	91	4	30	65-135	
1,2-Dichloroethane	65.7	60.8	93	0	30	70-135	
1,2-Dichloropropane	65.7	61.3	93	2	30	70-120	
2-Butanone (MEK)	131	137	104	9	30	30-160	
2-Hexanone	131	134	102	10	30	45-145	
4-Methyl-2-pentanone (MIBK)	131	153	116	18	30	45-145	
Acetone	131	148	113	15	30	20-160	
Benzene	65.7	56.9	87	2	30	75-125	
Bromochloromethane	65.7	59.3	90	1	30	70-125	
Bromodichloromethane	65.7	50.5	77	4	30	70-130	
Bromoform	65.7	48.4	74	0	30	55-135	
Bromomethane	65.7	48.1	73	2	30	30-160	
Carbon disulfide	65.7	41.5	61	13	30	45-160	
Carbon tetrachloride	65.7	57.0	87	7	30	65-135	
Chlorobenzene	65.7	47.4	72	1	30	75-125	J
Chloroethane	65.7	46.3	70	34	30	40-155	J
Chloroform	65.7	58.5	89	2	30	70-125	
Chloromethane	65.7	60.5	92	3	30	50-130	
cis-1,3-Dichloropropene	65.7	47.3	72	7	30	70-125	
Dibromochloromethane	65.7	55.2	84	3	30	65-130	
Ethylbenzene	65.7	51.7	79	1	30	75-125	
Methyl tert-butyl ether	65.7	62.0	94	3	30	70-130	
Methylene Chloride	65.7	57.3	87	2	30	55-140	
Styrene	65.7	44.0	67	1	30	75-125	J
Tetrachloroethene	65.7	55.8	85	3	30	65-140	
Toluene	65.7	57.4	87	5	30	70-125	
trans-1,3-Dichloropropene	65.7	48.7	74	2	30	65-125	
Trichloroethene	65.7	54.7	83	2	30	75-125	
Vinyl chloride	65.7	56.8	86	2	30	60-125	
Xylenes, Total	197	151	77	2	30	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 149143.D Lab Sample ID: MB 240-64980/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/14/2012 14:23

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-64980/7	149142.D	11/14/2012 14:01
076SS-0019M-0001-SO	240-17422-1	149162.D	11/14/2012 21:12
076SS-0021M-0001-SO	240-17422-3	149166.D	11/14/2012 22:38
073SS-0002M-0001-SO	240-17422-5	149167.D	11/14/2012 22:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 149176.D Lab Sample ID: MB 240-65171/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/15/2012 13:25

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65171/7	149175.D	11/15/2012 13:03
076SS-0020M-0001-SO	240-17422-2	149181.D	11/15/2012 15:13
076SS-0020M-0001-SO MS	240-17422-2 MS	149182.D	11/15/2012 15:34
076SS-0020M-0001-SO MSD	240-17422-2 MSD	149183.D	11/15/2012 15:56
073SS-0003M-0001-SO	240-17422-6	149185.D	11/15/2012 16:39
073SS-0003M-0001-SO MS	240-17422-6 MS	149186.D	11/15/2012 17:01
073SS-0003M-0001-SO MSD	240-17422-6 MSD	149187.D	11/15/2012 17:22

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: UXX0866.D Lab Sample ID: MB 240-64831/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX10 Date Analyzed: 11/13/2012 12:55

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-64831/4	UXX0864.D	11/13/2012 12:10
073SS-0006-0001-TB	240-17422-16	UXX0869.D	11/13/2012 14:20

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: BFB5043.D BFB Injection Date: 11/12/2012

Instrument ID: A3UX10 BFB Injection Time: 13:44

Analysis Batch No.: 64678

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	84.3	
175	5.0 - 9.0 % of mass 174	5.5	(6.5)1
176	95.0 - 101.0 % of mass 174	83.6	(99.2)1
177	5.0 - 9.0 % of mass 176	5.2	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-64678/2	UXX0846.D	11/12/2012	15:10
	STD8260 240-64678/3	UXX0847.D	11/12/2012	15:33
	STD8260 240-64678/4	UXX0848.D	11/12/2012	15:55
	STD8260 240-64678/5	UXX0849.D	11/12/2012	16:17
	STD8260 240-64678/6	UXX0850.D	11/12/2012	16:40
	STD8260 240-64678/7	UXX0851.D	11/12/2012	17:02
	STDA9 240-64678/8	UXX0852.D	11/12/2012	17:24
	STDA9 240-64678/9	UXX0853.D	11/12/2012	17:46
	STDA9 240-64678/10	UXX0854.D	11/12/2012	18:09
	STDA9 240-64678/11	UXX0855.D	11/12/2012	18:31
	STDA9 240-64678/12	UXX0856.D	11/12/2012	18:53
	STDA9 240-64678/13	UXX0857.D	11/12/2012	19:16
	ICV 240-64678/14	UXX0858.D	11/12/2012	19:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: BFB5045.D BFB Injection Date: 11/13/2012

Instrument ID: A3UX10 BFB Injection Time: 10:58

Analysis Batch No.: 64831

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	78.2	
175	5.0 - 9.0 % of mass 174	5.1	(6.5)1
176	95.0 - 101.0 % of mass 174	75.2	(96.2)1
177	5.0 - 9.0 % of mass 176	4.9	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-64831/2	UXX0862.D	11/13/2012	11:25
	CCV 240-64831/3	UXX0863.D	11/13/2012	11:47
	LCS 240-64831/4	UXX0864.D	11/13/2012	12:10
	MRL 240-64831/5	UXX0865.D	11/13/2012	12:33
	MB 240-64831/6	UXX0866.D	11/13/2012	12:55
073SS-0006-0001-TB	240-17422-16	UXX0869.D	11/13/2012	14:20
	MRL 240-64831/12	UXX0872.D	11/13/2012	15:27

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: BFB14279.D BFB Injection Date: 11/13/2012

Instrument ID: A3UX14 BFB Injection Time: 16:10

Analysis Batch No.: 64859

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.1	
75	30.0 - 60.0 % of mass 95	49.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.1	
175	5.0 - 9.0 % of mass 174	6.2	(7.4)1
176	95.0 - 101.0 % of mass 174	82.1	(97.6)1
177	5.0 - 9.0 % of mass 176	5.4	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-64859/3	149105.D	11/13/2012	16:53
	IC 240-64859/4	149106.D	11/13/2012	17:15
	IC 240-64859/5	149107.D	11/13/2012	17:36
	ICIS 240-64859/6	149108.D	11/13/2012	17:58
	IC 240-64859/7	149109.D	11/13/2012	18:19
	IC 240-64859/8	149110.D	11/13/2012	18:41
	IC 240-64859/9	149111.D	11/13/2012	19:02
	IC 240-64859/10	149112.D	11/13/2012	19:24
	IC 240-64859/11	149113.D	11/13/2012	19:45
	ICV 240-64859/21	149123.D	11/13/2012	23:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: BFB14280.D BFB Injection Date: 11/14/2012

Instrument ID: A3UX14 BFB Injection Time: 11:52

Analysis Batch No.: 64980

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.1	
75	30.0 - 60.0 % of mass 95	49.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.7	
175	5.0 - 9.0 % of mass 174	6.4	(7.7)1
176	95.0 - 101.0 % of mass 174	80.7	(97.7)1
177	5.0 - 9.0 % of mass 176	5.2	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-64980/3	149138.D	11/14/2012	12:35
	CCV 240-64980/4	149139.D	11/14/2012	12:57
	MRL 240-64980/5	149140.D	11/14/2012	13:18
	LCS 240-64980/7	149142.D	11/14/2012	14:01
	MB 240-64980/8	149143.D	11/14/2012	14:23
076SS-0019M-0001-SO	240-17422-1	149162.D	11/14/2012	21:12
076SS-0021M-0001-SO	240-17422-3	149166.D	11/14/2012	22:38
073SS-0002M-0001-SO	240-17422-5	149167.D	11/14/2012	22:59
	MRL 240-64980/33	149168.D	11/14/2012	23:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: BFB14281.D BFB Injection Date: 11/15/2012

Instrument ID: A3UX14 BFB Injection Time: 10:54

Analysis Batch No.: 65171

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.5	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	83.8	
175	5.0 - 9.0 % of mass 174	6.4	(7.7)1
176	95.0 - 101.0 % of mass 174	82.0	(97.9)1
177	5.0 - 9.0 % of mass 176	5.3	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-65171/3	149171.D	11/15/2012	11:37
	CCV 240-65171/4	149172.D	11/15/2012	11:58
	MRL 240-65171/5	149173.D	11/15/2012	12:20
	LCS 240-65171/7	149175.D	11/15/2012	13:03
	MB 240-65171/8	149176.D	11/15/2012	13:25
076SS-0020M-0001-SO	240-17422-2	149181.D	11/15/2012	15:13
076SS-0020M-0001-SO MS	240-17422-2 MS	149182.D	11/15/2012	15:34
076SS-0020M-0001-SO MSD	240-17422-2 MSD	149183.D	11/15/2012	15:56
073SS-0003M-0001-SO	240-17422-6	149185.D	11/15/2012	16:39
073SS-0003M-0001-SO MS	240-17422-6 MS	149186.D	11/15/2012	17:01
073SS-0003M-0001-SO MSD	240-17422-6 MSD	149187.D	11/15/2012	17:22
	MRL 240-65171/29	149197.D	11/15/2012	21:17

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD8260 240-64678/4 Date Analyzed: 11/12/2012 15:55

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX0848.D Heated Purge: (Y/N) N

Calibration ID: 12291

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1810823	5.21	1245256	7.88	654209	10.13
UPPER LIMIT		3621646	5.71	2490512	8.38	1308418	10.63
LOWER LIMIT		905412	4.71	622628	7.38	327105	9.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64678/14		1733806	5.20	1200825	7.88	656657	10.13
CCV 240-64831/2		1839118	5.21	1242750	7.88	643308	10.13
CCV 240-64831/3		1787210	5.20	1174475	7.88	595661	10.13
LCS 240-64831/4		1769688	5.21	1198428	7.88	646160	10.13
MRL 240-64831/5		1759380	5.20	1181717	7.88	617475	10.13
MB 240-64831/6		1739044	5.21	1174487	7.88	575968	10.13
240-17422-16	073SS-0006-0001-TB	1629660	5.21	1051019	7.88	517276	10.13
MRL 240-64831/12		1651119	5.21	1086824	7.88	561675	10.13

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: ICIS 240-64859/6 Date Analyzed: 11/13/2012 17:58

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 149108.D Heated Purge: (Y/N) Y

Calibration ID: 12306

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1409266	6.89	863084	9.59	502466	11.57
UPPER LIMIT		2818532	7.39	1726168	10.09	1004932	12.07
LOWER LIMIT		704633	6.39	431542	9.09	251233	11.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64859/21		1402420	6.89	854220	9.59	486670	11.57
CCV 240-64980/3		1470862	6.89	885740	9.60	498264	11.57
CCV 240-64980/4		1468981	6.89	849356	9.59	475734	11.57
MRL 240-64980/5		1381950	6.89	775093	9.59	460392	11.57
LCS 240-64980/7		1212877	6.89	713375	9.60	399822	11.57
MB 240-64980/8		1385123	6.89	758736	9.59	439705	11.57
240-17422-1	076SS-0019M-0001-SO	1327968	6.89	725987	9.59	371336	11.57
240-17422-3	076SS-0021M-0001-SO	1214920	6.89	637611	9.59	289891	11.57
240-17422-5	073SS-0002M-0001-SO	1116854	6.89	485890	9.59	167973Q	11.57
MRL 240-64980/33		1408920	6.89	813956	9.59	475795	11.57
CCV 240-65171/3		1544375	6.89	914414	9.60	487749	11.57
CCV 240-65171/4		1510710	6.89	849252	9.59	467693	11.57
MRL 240-65171/5		1409743	6.89	806452	9.59	463255	11.57
LCS 240-65171/7		1527929	6.89	912135	9.59	499171	11.57
MB 240-65171/8		1456000	6.89	834335	9.60	466314	11.57
240-17422-2	076SS-0020M-0001-SO	1471279	6.89	824730	9.59	415305	11.56
240-17422-2 MS	076SS-0020M-0001-SO MS	1370122	6.89	753903	9.59	358646	11.57
240-17422-2 MSD	076SS-0020M-0001-SO MSD	1506282	6.89	878983	9.59	458052	11.57
240-17422-6	073SS-0003M-0001-SO	1362945	6.89	678820	9.59	266986	11.57
240-17422-6 MS	073SS-0003M-0001-SO MS	1332466	6.89	640749	9.59	246194Q	11.56
240-17422-6 MSD	073SS-0003M-0001-SO MSD	1483905	6.89	790122	9.59	339732	11.57
MRL 240-65171/29		1532149	6.89	930246	9.59	522429	11.57

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0019M-0001-SO | Lab Sample ID: 240-17422-1

Matrix: Solid | Lab File ID: 149162.D

Analysis Method: 8260B/DoD | Date Collected: 11/07/2012 15:25

Sample wt/vol: 5.852(g) | Date Analyzed: 11/14/2012 21:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.2 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.0	U	5.2	1.0	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	5.2	0.52	0.36
79-00-5	1,1,2-Trichloroethane	0.52	U	5.2	0.52	0.41
75-34-3	1,1-Dichloroethane	0.52	U	5.2	0.52	0.38
75-35-4	1,1-Dichloroethene	1.0	U	5.2	1.0	0.54
106-93-4	1,2-Dibromoethane	1.0	U	5.2	1.0	0.52
107-06-2	1,2-Dichloroethane	0.52	U	5.2	0.52	0.36
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.80
78-87-5	1,2-Dichloropropane	1.0	U	5.2	1.0	0.72
78-93-3	2-Butanone (MEK)	3.1	J	21	2.1	1.5
591-78-6	2-Hexanone	1.0	U	21	1.0	0.66
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	21	1.0	0.56
67-64-1	Acetone	62		21	6.6	6.6
71-43-2	Benzene	0.52	U	5.2	0.52	0.24
74-97-5	Bromochloromethane	1.0	U	5.2	1.0	0.74
75-27-4	Bromodichloromethane	0.52	U	5.2	0.52	0.29
75-25-2	Bromoform	0.52	U	5.2	0.52	0.34
74-83-9	Bromomethane	1.0	U	5.2	1.0	0.56
75-15-0	Carbon disulfide	0.52	U	5.2	0.52	0.46
56-23-5	Carbon tetrachloride	0.52	U	5.2	0.52	0.39
108-90-7	Chlorobenzene	0.52	U	5.2	0.52	0.34
75-00-3	Chloroethane	1.0	U	5.2	1.0	0.90
67-66-3	Chloroform	0.52	U	5.2	0.52	0.30
74-87-3	Chloromethane	0.52	U	5.2	0.52	0.43
10061-01-5	cis-1,3-Dichloropropene	0.52	U	5.2	0.52	0.36
124-48-1	Dibromochloromethane	1.0	U	5.2	1.0	0.57
100-41-4	Ethylbenzene	0.52	U	5.2	0.52	0.27
1634-04-4	Methyl tert-butyl ether	0.52	U	5.2	0.52	0.45
75-09-2	Methylene Chloride	1.0	U	5.2	1.0	0.70
100-42-5	Styrene	0.52	U	5.2	0.52	0.16
127-18-4	Tetrachloroethene	1.0	U	5.2	1.0	0.54
108-88-3	Toluene	0.28	J	5.2	0.52	0.28
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.2	1.0	0.56
79-01-6	Trichloroethene	0.52	U	5.2	0.52	0.44
75-01-4	Vinyl chloride	0.52	U	5.2	0.52	0.41
1330-20-7	Xylenes, Total	1.6	U	10	1.6	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0019M-0001-SO Lab Sample ID: 240-17422-1

Matrix: Solid Lab File ID: 149162.D

Analysis Method: 8260B/DoD Date Collected: 11/07/2012 15:25

Sample wt/vol: 5.852(g) Date Analyzed: 11/14/2012 21:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.2 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
460-00-4	4-Bromofluorobenzene (Surr)	105		85-120
1868-53-7	Dibromofluoromethane (Surr)	84		59-138
2037-26-5	Toluene-d8 (Surr)	97		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149162.D
Lims ID: 240-17422-B-1-A Client ID: 076SS-0019M-0001-SO
Inject. Date: 14-Nov-2012 21:12:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17422-b-1-a
Misc. Info.: 240-0014942-027 =240-0014942-027
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 26
Lims Batch ID: 64980 Lims Sample ID: 27
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 09:53:03

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1327968	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	725987	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	371336	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	295334	42.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	391703	51.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1049598	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	324247	52.6	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	95	122393	58.9	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	53	11474	2.96	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	80	6935	0.2717	
73 trans-1,3-Dichloropropene	75		8.601					9
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	37	626	0.0693	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	86	2819	0.2546	
85 o-Xylene	106	10.151	10.151	0.0	59	1362	0.1153	
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.3699	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

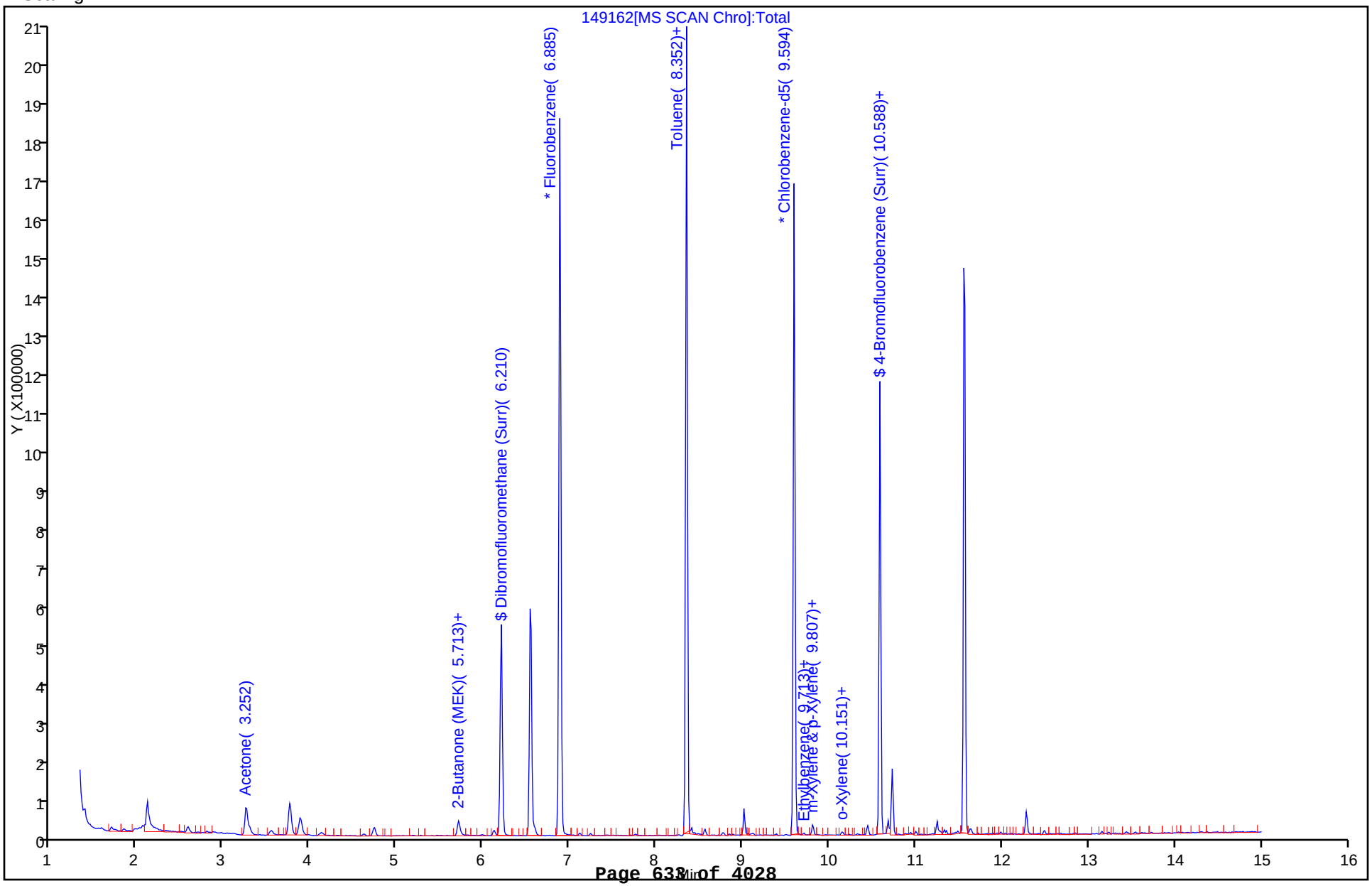
Report Date: 16-Nov-2012 16:03:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149162.D

Injection Date:	14-Nov-2012 21:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



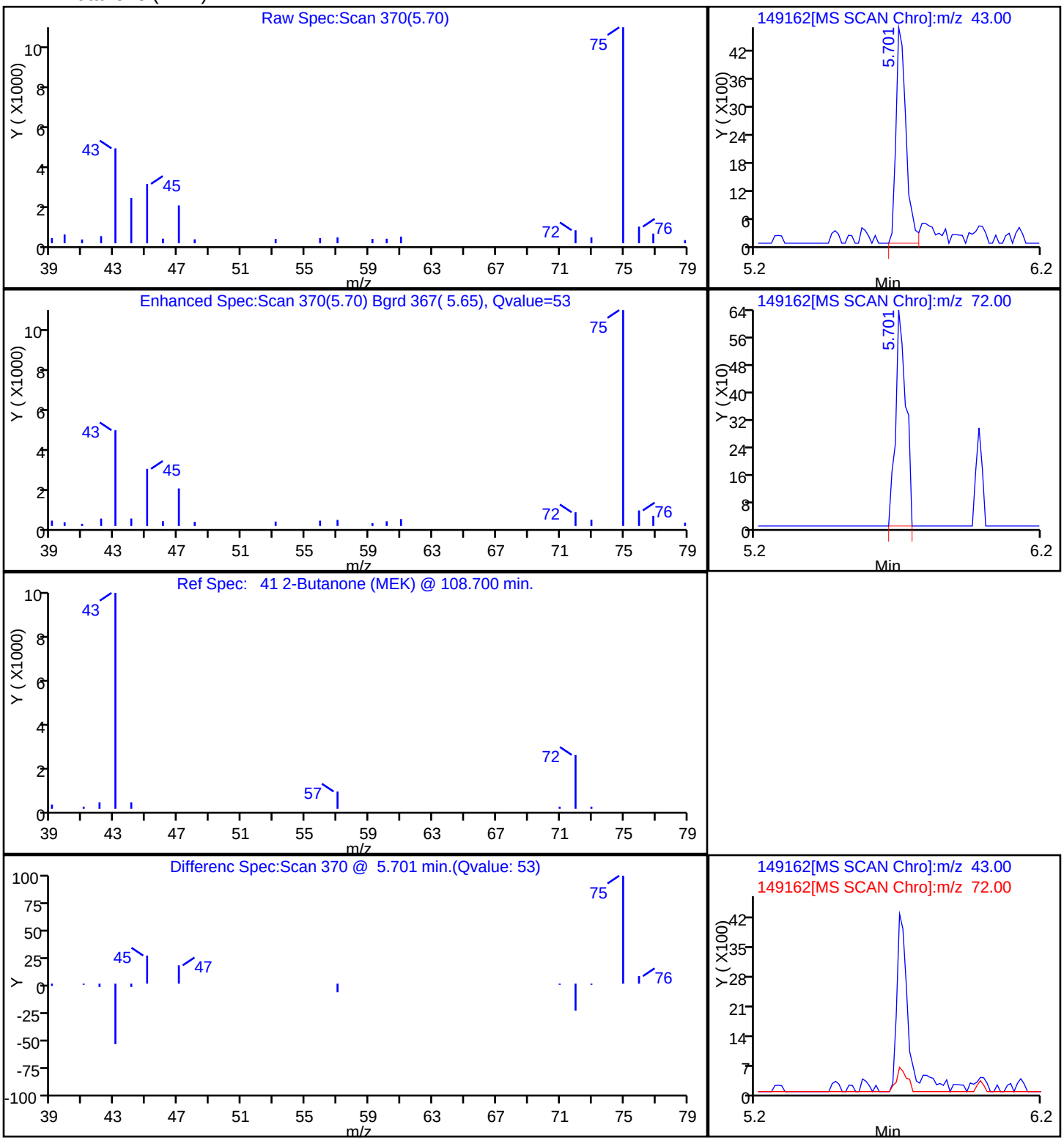
Report Date: 16-Nov-2012 16:03:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149162.D

Injection Date:	14-Nov-2012 21:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



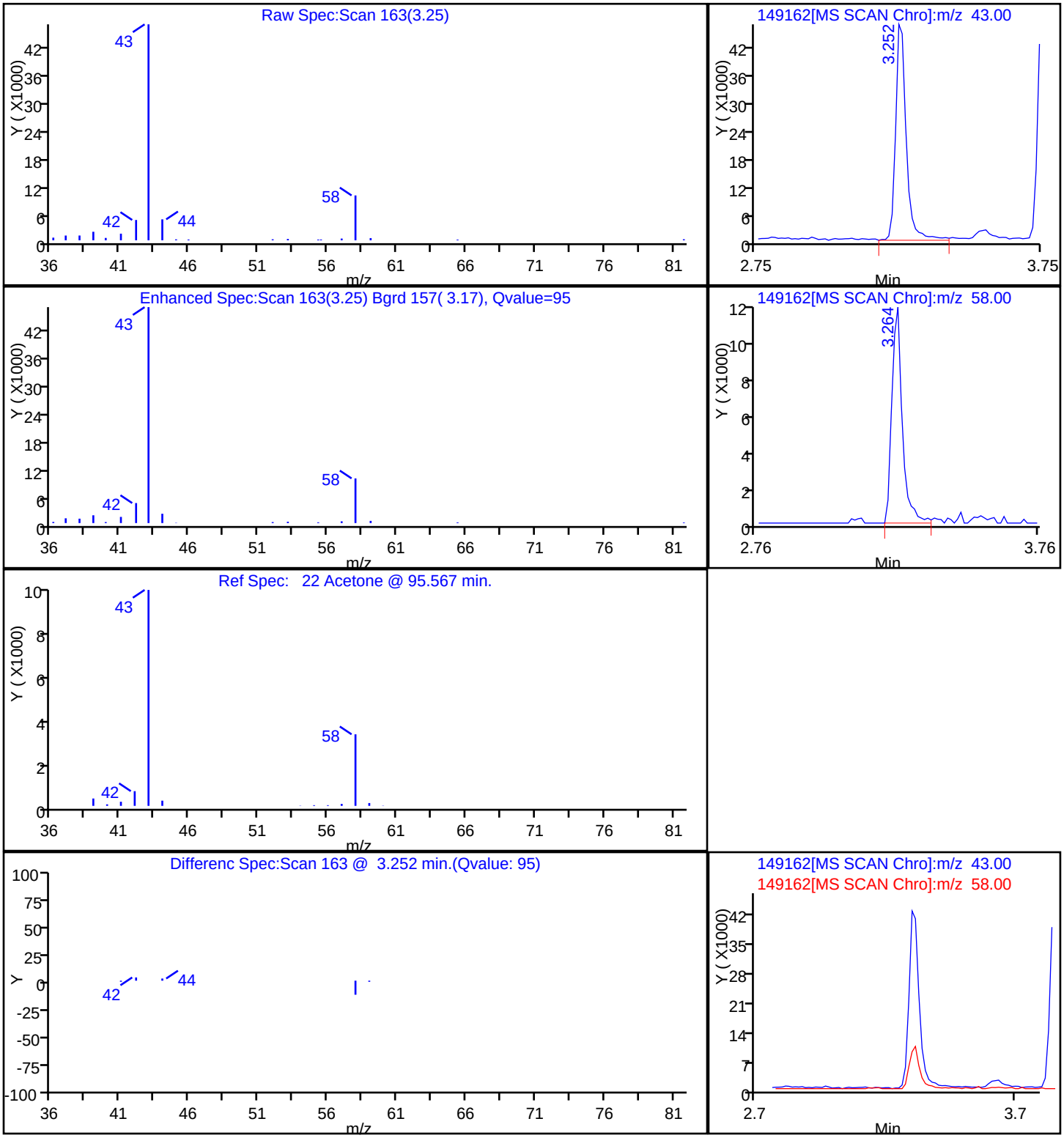
Report Date: 16-Nov-2012 16:03:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149162.D

Injection Date:	14-Nov-2012 21:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



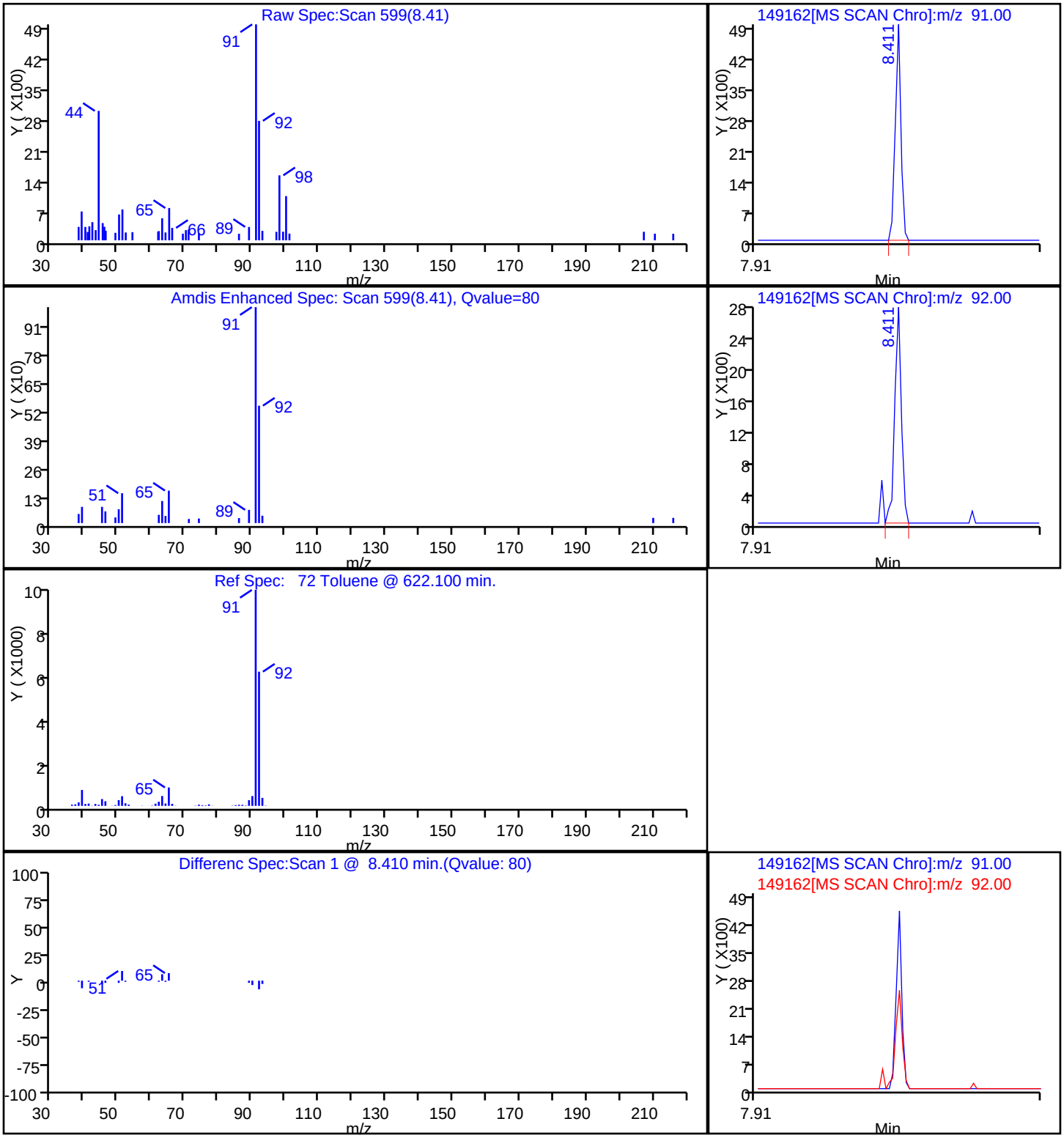
Report Date: 16-Nov-2012 16:03:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149162.D

Injection Date:	14-Nov-2012 21:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO | Lab Sample ID: 240-17422-2

Matrix: Solid | Lab File ID: 149181.D

Analysis Method: 8260B/DoD | Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.64(g) | Date Analyzed: 11/15/2012 15:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.4 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.2	U	5.8	1.2	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.58	U	5.8	0.58	0.39
79-00-5	1,1,2-Trichloroethane	0.58	U	5.8	0.58	0.45
75-34-3	1,1-Dichloroethane	0.58	U	5.8	0.58	0.42
75-35-4	1,1-Dichloroethene	1.2	U	5.8	1.2	0.60
106-93-4	1,2-Dibromoethane	1.2	U	5.8	1.2	0.58
107-06-2	1,2-Dichloroethane	0.58	U	5.8	0.58	0.39
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.89
78-87-5	1,2-Dichloropropane	1.2	U	5.8	1.2	0.80
78-93-3	2-Butanone (MEK)	2.3	U	23	2.3	1.6
591-78-6	2-Hexanone	1.2	U	23	1.2	0.73
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	23	1.2	0.63
67-64-1	Acetone	26		23	7.3	7.3
71-43-2	Benzene	0.58	U	5.8	0.58	0.27
74-97-5	Bromochloromethane	1.2	U	5.8	1.2	0.82
75-27-4	Bromodichloromethane	0.58	U	5.8	0.58	0.32
75-25-2	Bromoform	0.58	U	5.8	0.58	0.38
74-83-9	Bromomethane	1.2	U	5.8	1.2	0.63
75-15-0	Carbon disulfide	0.58	U	5.8	0.58	0.51
56-23-5	Carbon tetrachloride	0.58	U	5.8	0.58	0.43
108-90-7	Chlorobenzene	0.58	U J	5.8	0.58	0.38
75-00-3	Chloroethane	1.2	U	5.8	1.2	1.0
67-66-3	Chloroform	0.58	U	5.8	0.58	0.34
74-87-3	Chloromethane	0.58	U	5.8	0.58	0.47
10061-01-5	cis-1,3-Dichloropropene	0.58	U	5.8	0.58	0.39
124-48-1	Dibromochloromethane	1.2	U	5.8	1.2	0.64
100-41-4	Ethylbenzene	0.58	U J	5.8	0.58	0.30
1634-04-4	Methyl tert-butyl ether	0.58	U	5.8	0.58	0.50
75-09-2	Methylene Chloride	1.2	U	5.8	1.2	0.78
100-42-5	Styrene	0.58	U J	5.8	0.58	0.17
127-18-4	Tetrachloroethene	1.2	U	5.8	1.2	0.60
108-88-3	Toluene	0.58	U	5.8	0.58	0.31
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.8	1.2	0.63
79-01-6	Trichloroethene	0.58	U	5.8	0.58	0.49
75-01-4	Vinyl chloride	0.58	U	5.8	0.58	0.45
1330-20-7	Xylenes, Total	1.7	U J	12	1.7	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO Lab Sample ID: 240-17422-2

Matrix: Solid Lab File ID: 149181.D

Analysis Method: 8260B/DoD Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.64(g) Date Analyzed: 11/15/2012 15:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.4 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		61-130
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120
1868-53-7	Dibromofluoromethane (Surr)	77		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

Report Date: 16-Nov-2012 09:58:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149181.D
Lims ID: 240-17422-E-2-A Client ID: 076SS-0020M-0001-SO
Inject. Date: 15-Nov-2012 15:13:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17422-e-2-a
Misc. Info.: 240-0014986-013 =240-0014986-013
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 65171 Lims Sample ID: 13
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 15:46:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1471279	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	824730	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.570	-0.011	97	415305	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	59	301552	38.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	92	411408	49.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1163201	47.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	345529	50.2	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59	2.873	2.873	0.0	69	1643	0.2265	
25 Methylal	45	2.873	2.932	-0.059	80	4320	0	
20 Acrolein	56		3.027					
21 1,1-Dichloroethene	96		3.146					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.264	3.252	0.012	94	59360	22.1	
24 Iodomethane	142		3.347					
26 Carbon disulfide	76		3.418					
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	100	62631	10.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.879	0.0	81	53762	0.1693	
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53		4.305					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
35 Hexane	86	4.743	4.743	0.0	97	2852	1.28	
36 1,1-Dichloroethane	63		4.921					9
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42	5.985	5.985	0.0	77	2553	0.8777	
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					9
53 Carbon tetrachloride	117		6.388					
52 1,1-Dichloropropene	75		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	74	4859	0.1676	
73 trans-1,3-Dichloropropene	75		8.601					
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					
78 2-Hexanone	43		8.979					
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107		9.204					
81 1-Chlorohexane	91	9.594	9.594	0.0	21	1918	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	13	698	0.0680	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	85	2799	0.2225	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83		10.707					
91 Bromobenzene	156		10.719					
92 1,2,3-Trichloropropane	110		10.742					9
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120		10.801					
95 2-Chlorotoluene	126		10.884					
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126		10.967					9
97 tert-Butylbenzene	119		11.227					
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	1	1104	0.0755	7
101 4-Isopropyltoluene	119		11.535					
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	34	1842	0.1216	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91		11.878					
106 1,2-Dichlorobenzene	146		11.902					9
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180		13.239					9
110 Hexachlorobutadiene	225		13.369					
111 Naphthalene	128	13.428	13.440	-0.012	67	4036	0.2359	
112 1,2,3-Trichlorobenzene	180		13.630					
113 2-Methylnaphthalene	142	14.304	14.304	0.0	32	1654	0.1678	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	2169193	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	2429913	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.2225	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

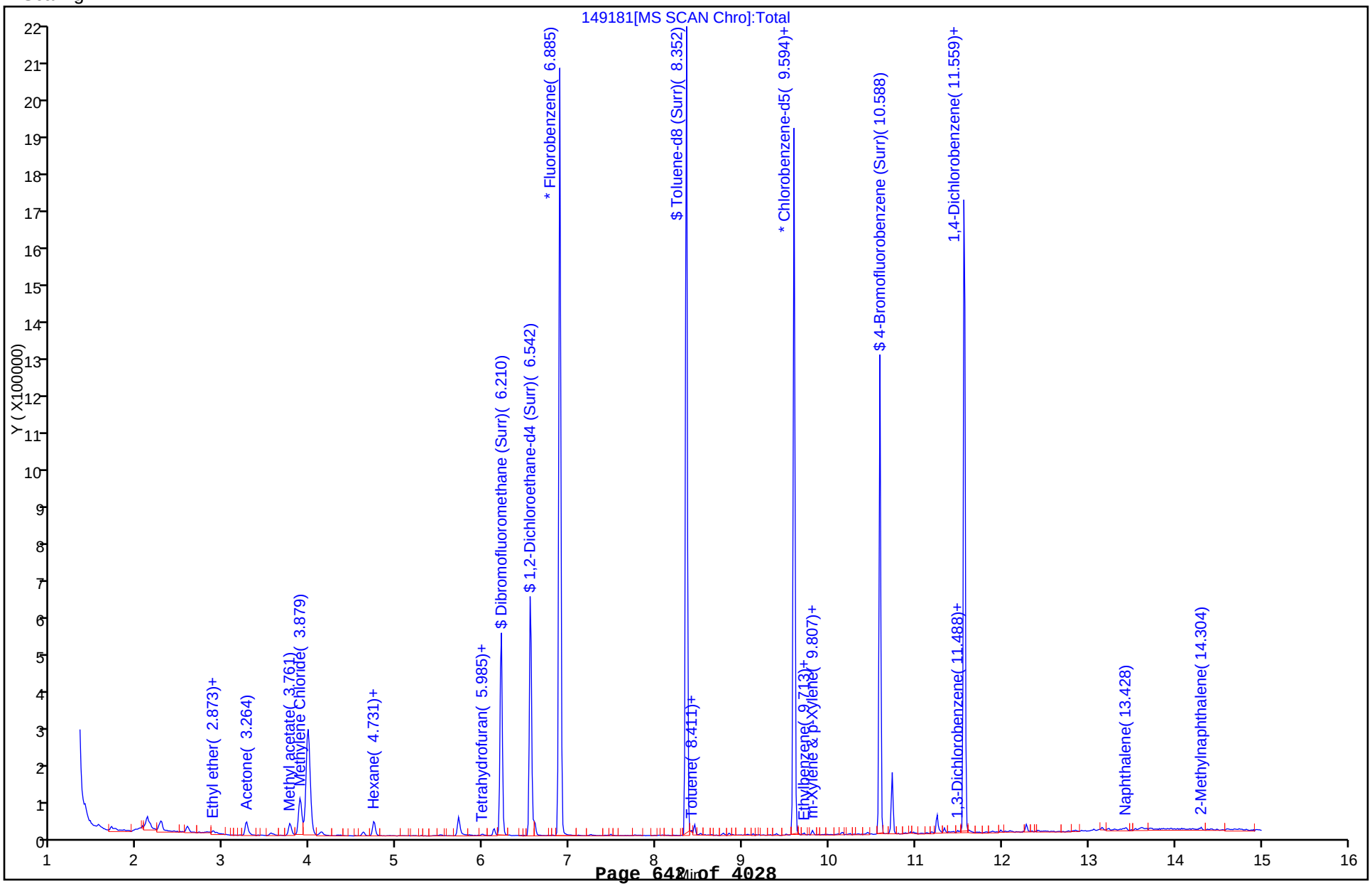
Report Date: 16-Nov-2012 09:58:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149181.D

Injection Date:	15-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	13
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



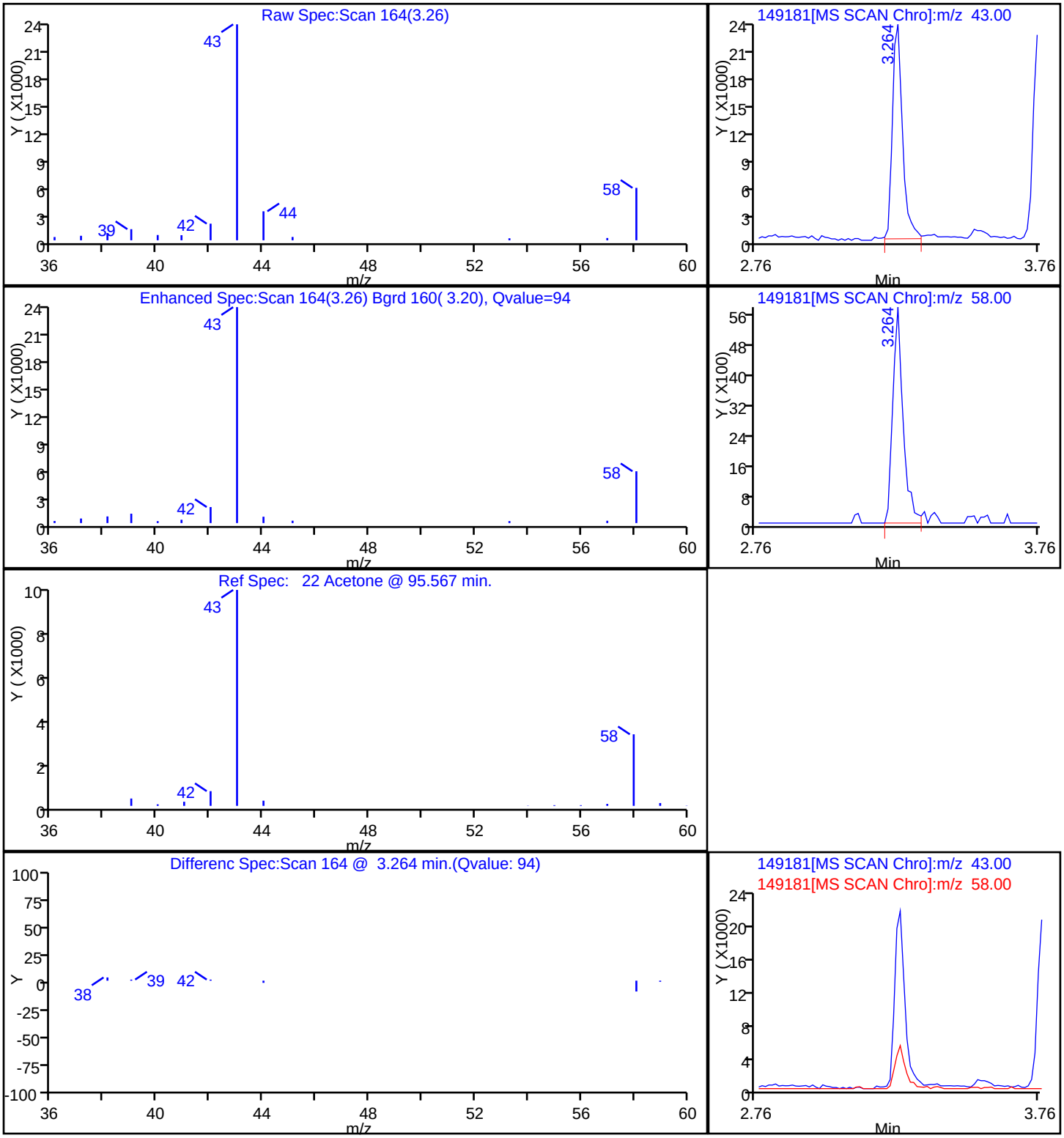
Report Date: 16-Nov-2012 09:58:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149181.D

Injection Date:	15-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	13
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO | Lab Sample ID: 240-17422-3

Matrix: Solid | Lab File ID: 149166.D

Analysis Method: 8260B/DoD | Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.515(g) | Date Analyzed: 11/14/2012 22:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.1 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.2	U	5.9	1.2	0.66
79-34-5	1,1,2,2-Tetrachloroethane	0.59	U	5.9	0.59	0.40
79-00-5	1,1,2-Trichloroethane	0.59	U	5.9	0.59	0.46
75-34-3	1,1-Dichloroethane	0.59	U	5.9	0.59	0.42
75-35-4	1,1-Dichloroethene	1.2	U	5.9	1.2	0.61
106-93-4	1,2-Dibromoethane	1.2	U	5.9	1.2	0.59
107-06-2	1,2-Dichloroethane	0.59	U	5.9	0.59	0.40
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.91
78-87-5	1,2-Dichloropropane	1.2	U	5.9	1.2	0.81
78-93-3	2-Butanone (MEK)	6.4	J	24	2.4	1.7
591-78-6	2-Hexanone	1.2	U	24	1.2	0.74
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	24	1.2	0.64
67-64-1	Acetone	120		24	7.4	7.4
71-43-2	Benzene	0.59	U	5.9	0.59	0.27
74-97-5	Bromochloromethane	1.2	U	5.9	1.2	0.84
75-27-4	Bromodichloromethane	0.59	U	5.9	0.59	0.33
75-25-2	Bromoform	0.59	U	5.9	0.59	0.39
74-83-9	Bromomethane	1.2	U	5.9	1.2	0.64
75-15-0	Carbon disulfide	0.59	U	5.9	0.59	0.52
56-23-5	Carbon tetrachloride	0.59	U	5.9	0.59	0.44
108-90-7	Chlorobenzene	0.59	U	5.9	0.59	0.39
75-00-3	Chloroethane	1.2	U	5.9	1.2	1.0
67-66-3	Chloroform	0.59	U	5.9	0.59	0.34
74-87-3	Chloromethane	0.59	U	5.9	0.59	0.48
10061-01-5	cis-1,3-Dichloropropene	0.59	U	5.9	0.59	0.40
124-48-1	Dibromochloromethane	1.2	U	5.9	1.2	0.65
100-41-4	Ethylbenzene	0.59	U	5.9	0.59	0.31
1634-04-4	Methyl tert-butyl ether	0.59	U	5.9	0.59	0.51
75-09-2	Methylene Chloride	1.2	U	5.9	1.2	0.79
100-42-5	Styrene	0.59	U	5.9	0.59	0.18
127-18-4	Tetrachloroethene	1.2	U	5.9	1.2	0.61
108-88-3	Toluene	0.36	J	5.9	0.59	0.32
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.9	1.2	0.64
79-01-6	Trichloroethene	0.59	U	5.9	0.59	0.50
75-01-4	Vinyl chloride	0.59	U	5.9	0.59	0.46
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO Lab Sample ID: 240-17422-3

Matrix: Solid Lab File ID: 149166.D

Analysis Method: 8260B/DoD Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.515(g) Date Analyzed: 11/14/2012 22:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.1 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		61-130
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120
1868-53-7	Dibromofluoromethane (Surr)	84		59-138
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149166.D
Lims ID: 240-17422-B-3-A
Client ID: 076SS-0021M-0001-SO
Inject. Date: 14-Nov-2012 22:38:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17422-b-3-a
Misc. Info.: 240-0014942-031 =240-0014942-031
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 30
Lims Batch ID: 64980
Lims Sample ID: 31
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32
Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks
Date: 15-Nov-2012 10:13:40

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1214920	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	637611	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	98	289891	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	71	270843	42.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	368026	53.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	950028	49.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	257731	53.6	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	97	191354	105.4	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					9
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.701	5.701	0.0	48	16186	5.41	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	57	889	0.1159	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	71	6925	0.3090	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164	8.884	8.885	-0.001	57	676	0.1323	
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	29	969	0.1222	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	88	3177	0.3267	
85 o-Xylene	106	10.151	10.151	0.0	66	1046	0.1008	
86 Styrene	104	10.162	10.162	0.0	59	1727	0.1300	
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.4275	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

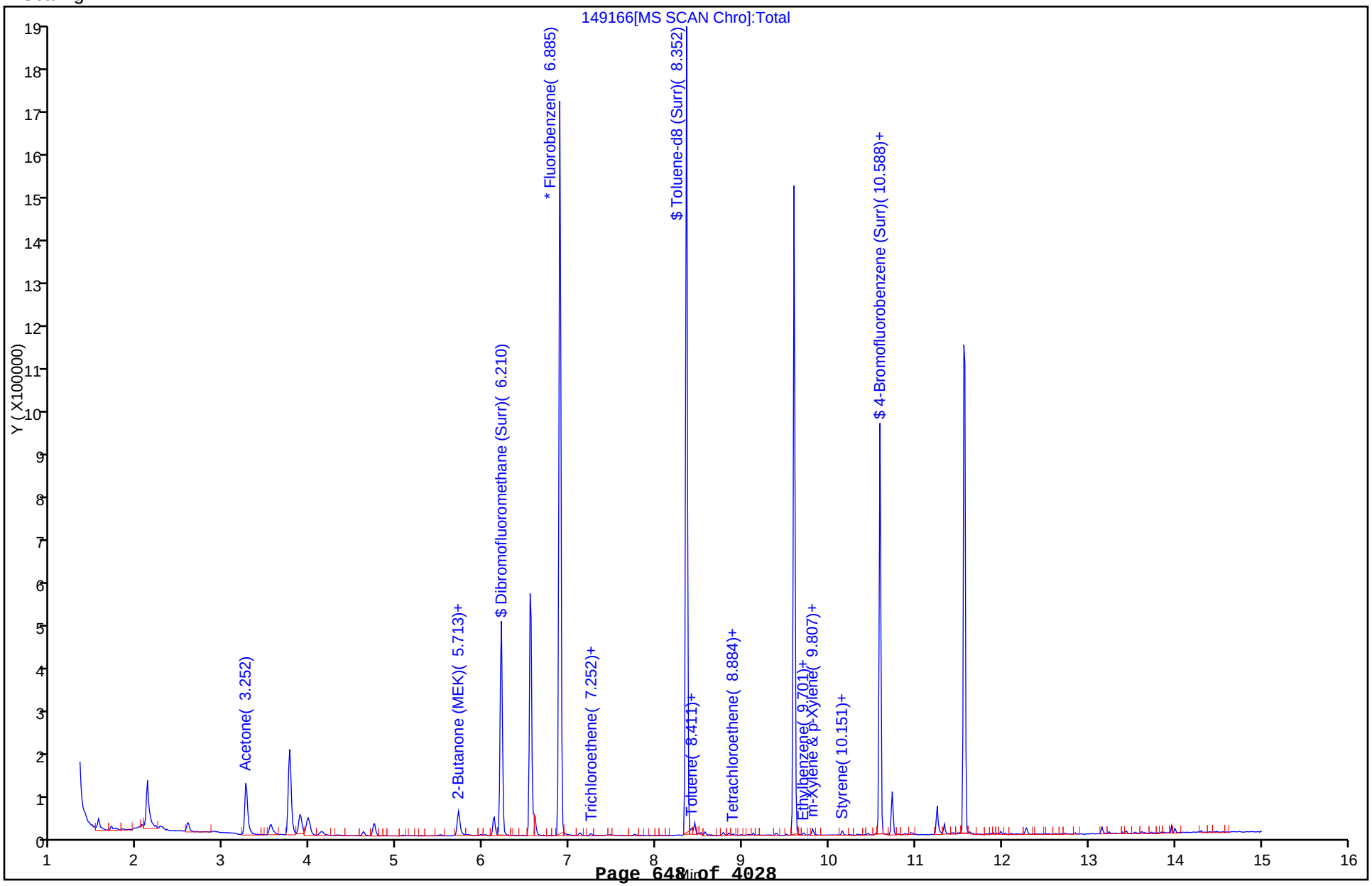
Report Date: 16-Nov-2012 16:03:51 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149166.D

Injection Date:	14-Nov-2012 22:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



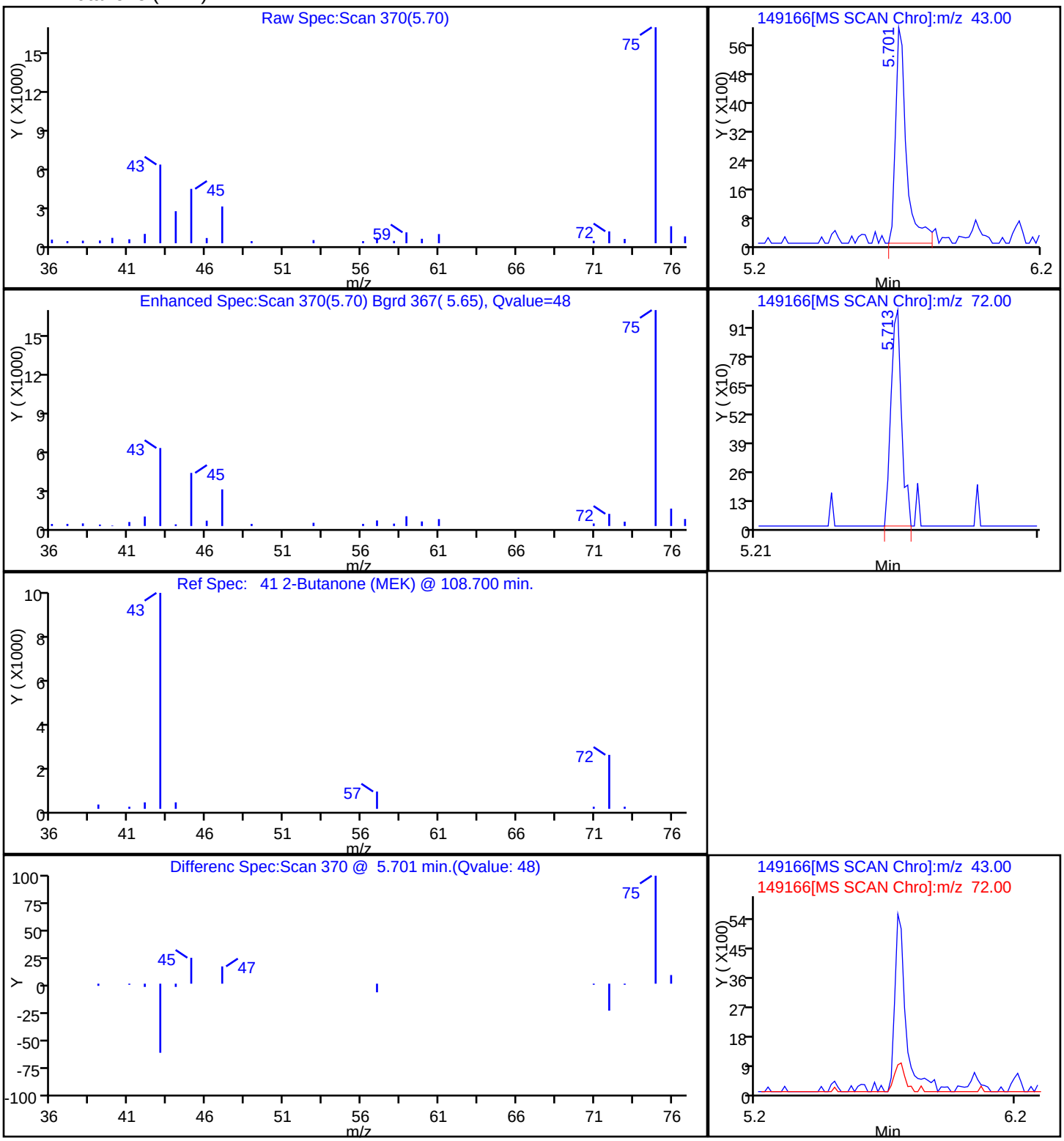
Report Date: 16-Nov-2012 16:03:51 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149166.D

Injection Date:	14-Nov-2012 22:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



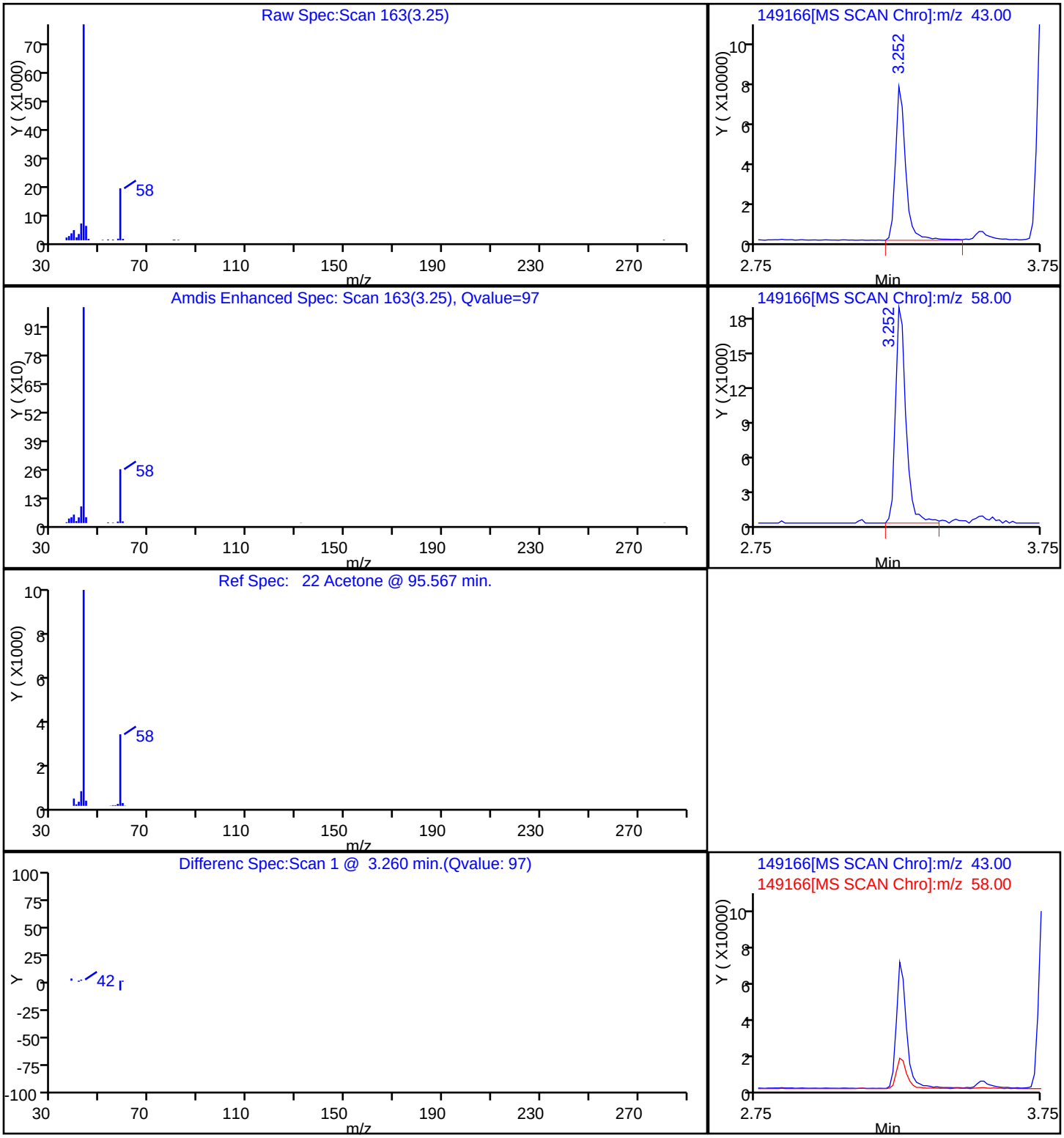
Report Date: 16-Nov-2012 16:03:51 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149166.D

Injection Date:	14-Nov-2012 22:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



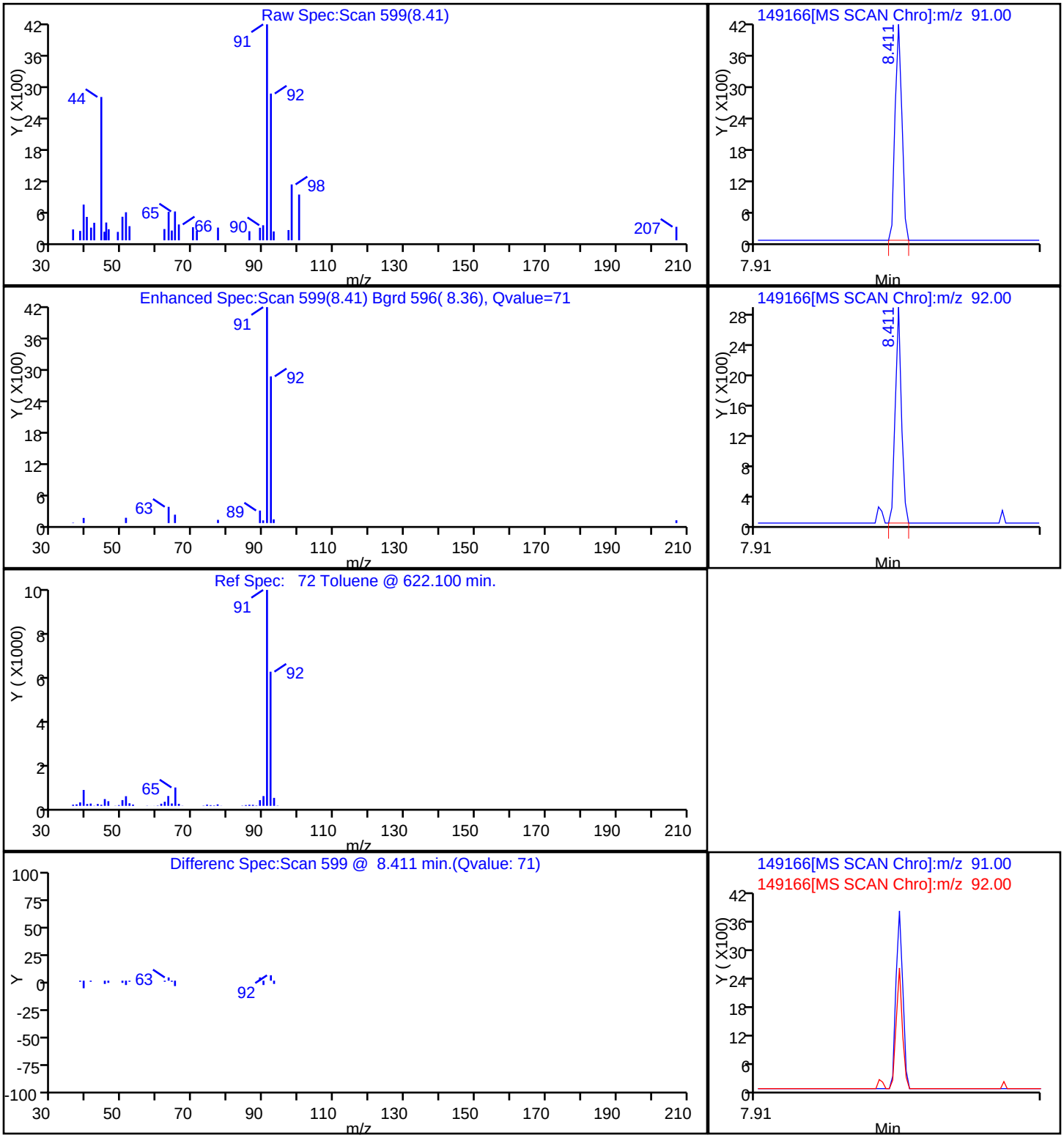
Report Date: 16-Nov-2012 16:03:51 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149166.D

Injection Date:	14-Nov-2012 22:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO | Lab Sample ID: 240-17422-5

Matrix: Solid | Lab File ID: 149167.D

Analysis Method: 8260B/DoD | Date Collected: 11/08/2012 11:00

Sample wt/vol: 5.141(g) | Date Analyzed: 11/14/2012 22:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 27.2 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.3	U	6.7	1.3	0.75
79-34-5	1,1,2,2-Tetrachloroethane	0.67	U	6.7	0.67	0.45
79-00-5	1,1,2-Trichloroethane	0.67	U	6.7	0.67	0.52
75-34-3	1,1-Dichloroethane	0.67	U	6.7	0.67	0.48
75-35-4	1,1-Dichloroethene	1.3	U	6.7	1.3	0.69
106-93-4	1,2-Dibromoethane	1.3	U	6.7	1.3	0.67
107-06-2	1,2-Dichloroethane	0.67	U	6.7	0.67	0.45
540-59-0	1,2-Dichloroethene, Total	1.3	U	13	1.3	1.0
78-87-5	1,2-Dichloropropane	1.3	U	6.7	1.3	0.92
78-93-3	2-Butanone (MEK)	2.7	U	27	2.7	1.9
591-78-6	2-Hexanone	1.3	U	27	1.3	0.84
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	27	1.3	0.72
67-64-1	Acetone	8.4	U	27	8.4	8.4
71-43-2	Benzene	0.67	U	6.7	0.67	0.31
74-97-5	Bromochloromethane	1.3	U	6.7	1.3	0.95
75-27-4	Bromodichloromethane	0.67	U	6.7	0.67	0.37
75-25-2	Bromoform	0.67	U	6.7	0.67	0.44
74-83-9	Bromomethane	1.3	U	6.7	1.3	0.72
75-15-0	Carbon disulfide	0.67	U	6.7	0.67	0.59
56-23-5	Carbon tetrachloride	0.67	U	6.7	0.67	0.49
108-90-7	Chlorobenzene	0.67	U	6.7	0.67	0.44
75-00-3	Chloroethane	1.3	U	6.7	1.3	1.1
67-66-3	Chloroform	0.67	U	6.7	0.67	0.39
74-87-3	Chloromethane	0.67	U	6.7	0.67	0.55
10061-01-5	cis-1,3-Dichloropropene	0.67	U	6.7	0.67	0.45
124-48-1	Dibromochloromethane	1.3	U	6.7	1.3	0.73
100-41-4	Ethylbenzene	0.67	U	6.7	0.67	0.35
1634-04-4	Methyl tert-butyl ether	0.67	U	6.7	0.67	0.57
75-09-2	Methylene Chloride	1.3	U	6.7	1.3	0.89
100-42-5	Styrene	0.67	U	6.7	0.67	0.20
127-18-4	Tetrachloroethene	1.3	U	6.7	1.3	0.69
108-88-3	Toluene	0.52	J	6.7	0.67	0.36
10061-02-6	trans-1,3-Dichloropropene	1.3	U	6.7	1.3	0.72
79-01-6	Trichloroethene	0.67	U	6.7	0.67	0.56
75-01-4	Vinyl chloride	0.67	U	6.7	0.67	0.52
1330-20-7	Xylenes, Total	2.0	U	13	2.0	0.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO Lab Sample ID: 240-17422-5

Matrix: Solid Lab File ID: 149167.D

Analysis Method: 8260B/DoD Date Collected: 11/08/2012 11:00

Sample wt/vol: 5.141(g) Date Analyzed: 11/14/2012 22:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 27.2 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
460-00-4	4-Bromofluorobenzene (Surr)	123	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138
2037-26-5	Toluene-d8 (Surr)	112		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149167.D
Lims ID: 240-17422-B-5-A
Client ID: 073SS-0002M-0001-SO
Inject. Date: 14-Nov-2012 22:59:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17422-b-5-a
Misc. Info.: 240-0014942-032 =240-0014942-032
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 31
Lims Batch ID: 64980
Lims Sample ID: 32
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32
Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks
Date: 15-Nov-2012 10:14:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1116854	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	93	485890	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	98	167973	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	61	243046	41.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	327827	51.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	812242	56.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	172180	61.6	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.264	3.252	0.012	98	16443	3.89	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					9
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43		5.701					9
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	69	6698	0.3921	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164	8.884	8.885	-0.001	53	689	0.1769	
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	39	650	0.1075	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	91	3296	0.4448	
85 o-Xylene	106	10.150	10.151	-0.001	54	1216	0.1538	
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.5986	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

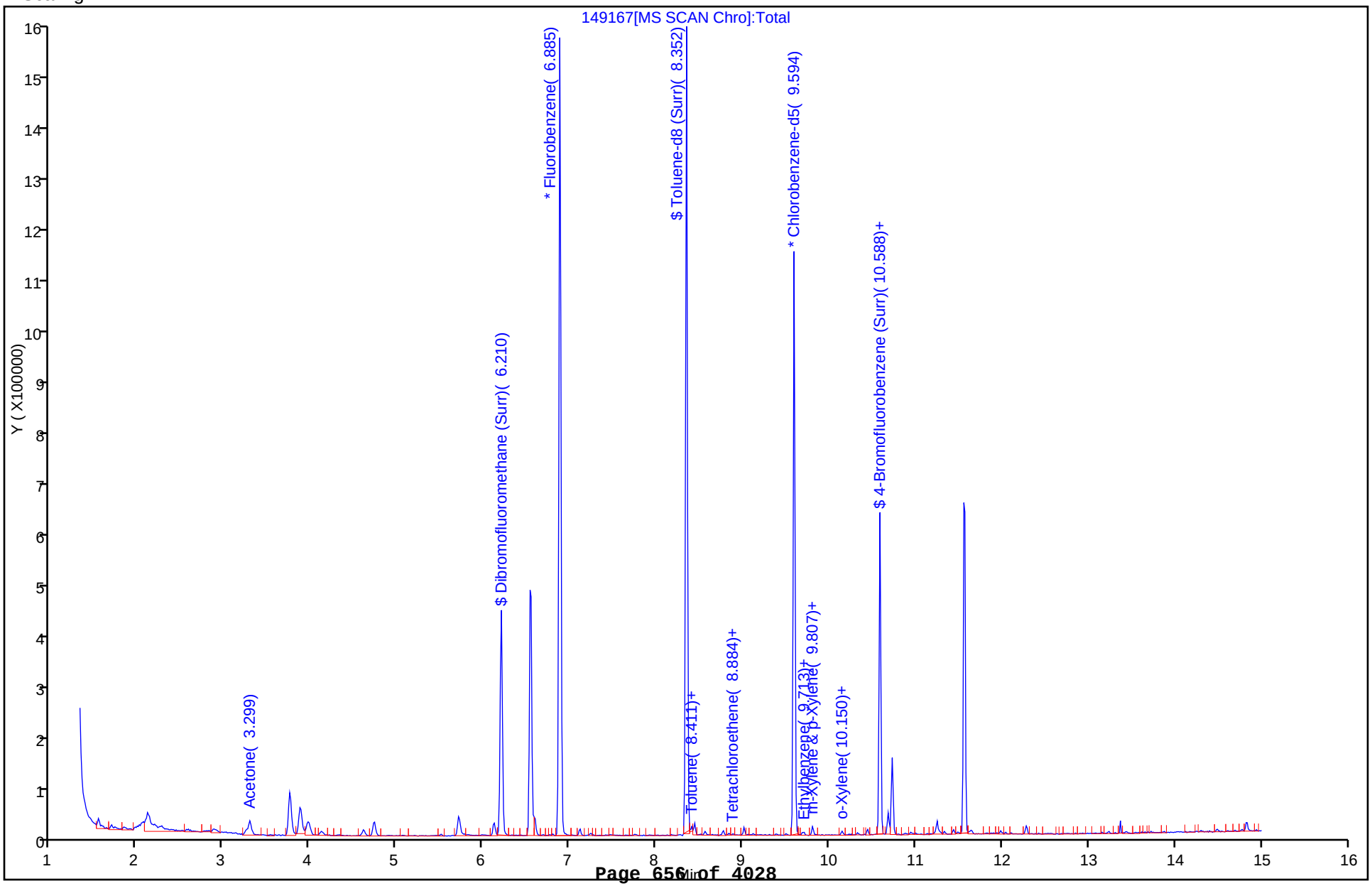
Report Date: 16-Nov-2012 16:03:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149167.D

Injection Date:	14-Nov-2012 22:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



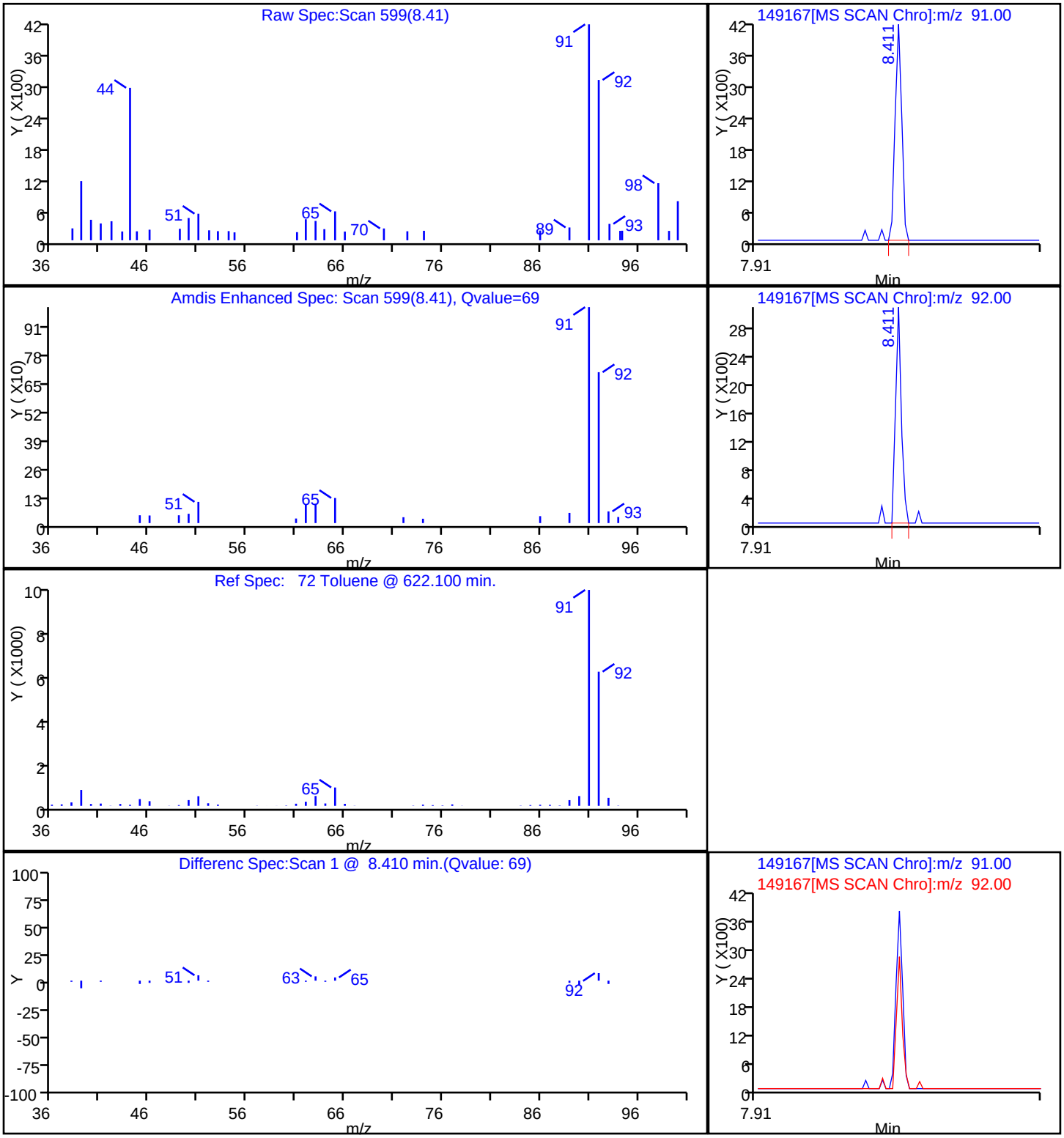
Report Date: 16-Nov-2012 16:03:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149167.D

Injection Date:	14-Nov-2012 22:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO | Lab Sample ID: 240-17422-6

Matrix: Solid | Lab File ID: 149185.D

Analysis Method: 8260B/DoD | Date Collected: 11/08/2012 11:00

Sample wt/vol: 4.085(g) | Date Analyzed: 11/15/2012 16:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.9 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.5	U	7.5	1.5	0.85
79-34-5	1,1,2,2-Tetrachloroethane	0.75	U	7.5	0.75	0.51
79-00-5	1,1,2-Trichloroethane	0.75	U	7.5	0.75	0.59
75-34-3	1,1-Dichloroethane	0.75	U	7.5	0.75	0.54
75-35-4	1,1-Dichloroethene	1.5	U	7.5	1.5	0.78
106-93-4	1,2-Dibromoethane	1.5	U	7.5	1.5	0.75
107-06-2	1,2-Dichloroethane	0.75	U	7.5	0.75	0.51
540-59-0	1,2-Dichloroethene, Total	1.5	U	15	1.5	1.2
78-87-5	1,2-Dichloropropane	1.5	U	7.5	1.5	1.0
78-93-3	2-Butanone (MEK)	3.0	U	30	3.0	2.1
591-78-6	2-Hexanone	1.5	U	30	1.5	0.95
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	30	1.5	0.82
67-64-1	Acetone	9.5	U	30	9.5	9.5
71-43-2	Benzene	0.75	U	7.5	0.75	0.35
74-97-5	Bromochloromethane	1.5	U	7.5	1.5	1.1
75-27-4	Bromodichloromethane	0.75	U	7.5	0.75	0.42
75-25-2	Bromoform	0.75	U	7.5	0.75	0.50
74-83-9	Bromomethane	1.5	U	7.5	1.5	0.82
75-15-0	Carbon disulfide	1.3	J	7.5	0.75	0.66
56-23-5	Carbon tetrachloride	0.75	U	7.5	0.75	0.56
108-90-7	Chlorobenzene	0.75	U	7.5	0.75	0.50
75-00-3	Chloroethane	1.5	U	7.5	1.5	1.3
67-66-3	Chloroform	0.75	U	7.5	0.75	0.44
74-87-3	Chloromethane	0.75	U	7.5	0.75	0.62
10061-01-5	cis-1,3-Dichloropropene	0.75	U	7.5	0.75	0.51
124-48-1	Dibromochloromethane	1.5	U	7.5	1.5	0.83
100-41-4	Ethylbenzene	0.75	U	7.5	0.75	0.39
1634-04-4	Methyl tert-butyl ether	0.75	U	7.5	0.75	0.65
75-09-2	Methylene Chloride	1.5	U	7.5	1.5	1.0
100-42-5	Styrene	0.75	U	7.5	0.75	0.23
127-18-4	Tetrachloroethene	1.5	U	7.5	1.5	0.78
108-88-3	Toluene	0.75	U	7.5	0.75	0.41
10061-02-6	trans-1,3-Dichloropropene	1.5	U	7.5	1.5	0.82
79-01-6	Trichloroethene	0.75	U	7.5	0.75	0.63
75-01-4	Vinyl chloride	0.75	U	7.5	0.75	0.59
1330-20-7	Xylenes, Total	2.3	U	15	2.3	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO Lab Sample ID: 240-17422-6

Matrix: Solid Lab File ID: 149185.D

Analysis Method: 8260B/DoD Date Collected: 11/08/2012 11:00

Sample wt/vol: 4.085(g) Date Analyzed: 11/15/2012 16:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.9 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
460-00-4	4-Bromofluorobenzene (Surr)	115		85-120
1868-53-7	Dibromofluoromethane (Surr)	81		59-138
2037-26-5	Toluene-d8 (Surr)	103		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149185.D
Lims ID: 240-17422-D-6-A
Client ID: 073SS-0003M-0001-SO
Inject. Date: 15-Nov-2012 16:39:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17422-d-6-a
Misc. Info.: 240-0014986-017 =240-0014986-017
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 16
Lims Batch ID: 65171
Lims Sample ID: 17
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08
Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: macenczaks
Date: 15-Nov-2012 16:57:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1362945	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	678820	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	266986	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	64	291929	40.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	92	372159	47.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1049397	51.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	254314	57.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59	2.873	2.873	0.0	66	973	0.1448	
25 Methylal	45		2.932					9
20 Acrolein	56		3.027					9
21 1,1-Dichloroethene	96		3.146					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.252	3.252	0.0	93	14231	0.8460	
24 Iodomethane	142		3.347					
26 Carbon disulfide	76	3.418	3.418	0.0	59	932	0.8507	
27 Acetonitrile	41	3.678	3.666	0.012	73	1558	1.83	
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	100	79528	14.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.879					
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53		4.305					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
35 Hexane	86	4.743	4.743	0.0	89	1495	0.7218	
36 1,1-Dichloroethane	63		4.921					
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42		5.985					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					
53 Carbon tetrachloride	117		6.388					
52 1,1-Dichloropropene	75		6.388					9
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					9
60 Trichloroethene	130	7.240	7.240	0.0	53	1099	0.1278	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	69	2265	0.1353	
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.926					9
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	70	5437	0.2278	
73 trans-1,3-Dichloropropene	75		8.601					
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					
78 2-Hexanone	43		8.979					9
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107		9.204					
81 1-Chlorohexane	91	9.594	9.594	0.0	14	1593	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	45	809	0.0958	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	93	3444	0.3327	
85 o-Xylene	106	10.151	10.151	0.0	45	1554	0.1407	
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83		10.707					
91 Bromobenzene	156		10.719					9
92 1,2,3-Trichloropropane	110		10.742					9
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120		10.801					9
95 2-Chlorotoluene	126		10.884					9
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126		10.967					9
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	1	1571	0.1672	
101 4-Isopropyltoluene	119		11.535					
102 1,4-Dichlorobenzene	146		11.582					9
103 1,2,3-Trimethylbenzene	105		11.630					9
105 n-Butylbenzene	91		11.878					9
106 1,2-Dichlorobenzene	146		11.902					9
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	36	1783	0.2781	
110 Hexachlorobutadiene	225		13.369					
111 Naphthalene	128	13.440	13.440	0.0	53	5459	0.4962	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	47	1388	0.2603	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	971832	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1086966	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.4734	

QC Flag Legend

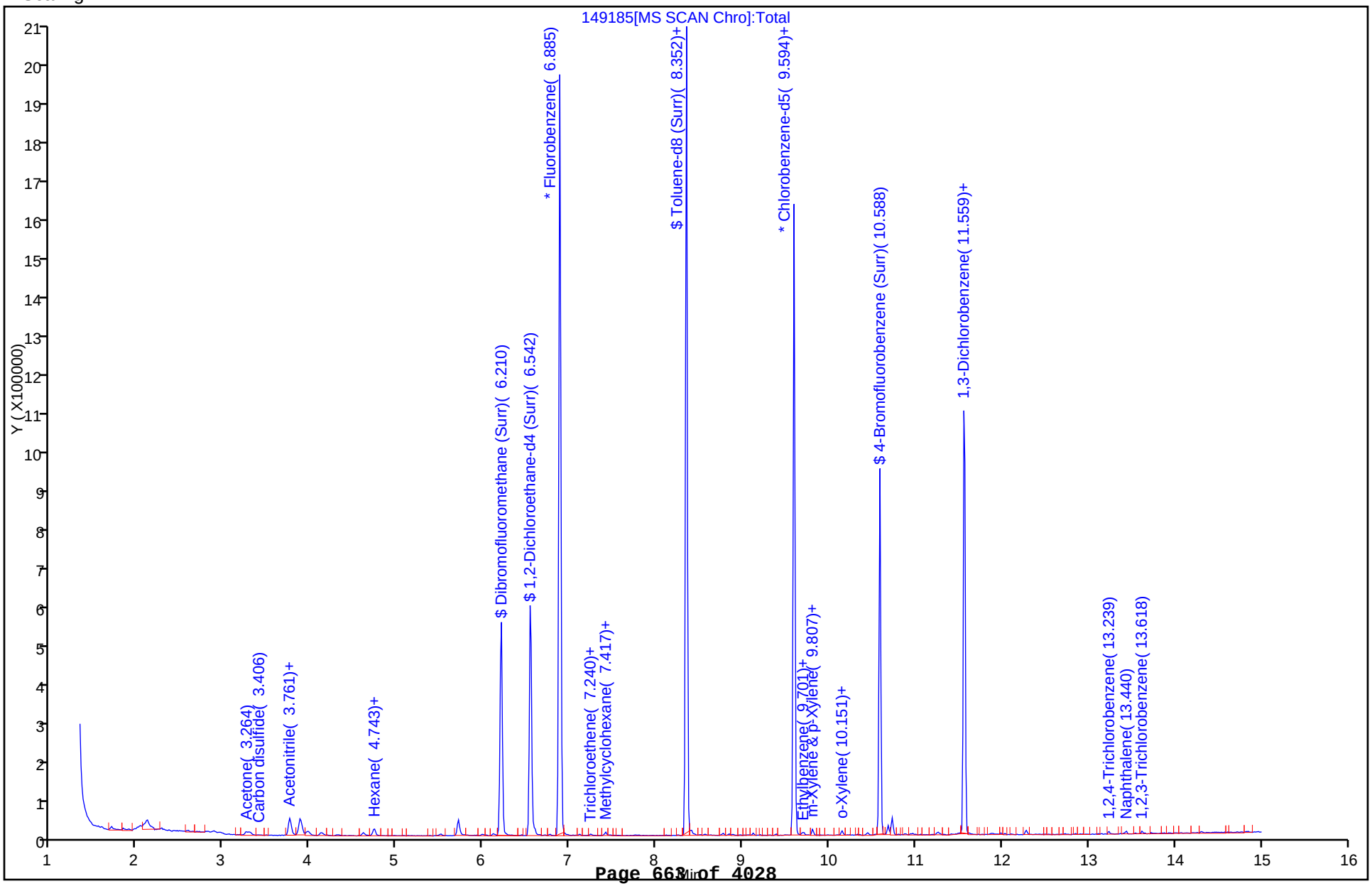
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 17-Nov-2012 10:21:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149185.D		
Injection Date:	15-Nov-2012 16:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



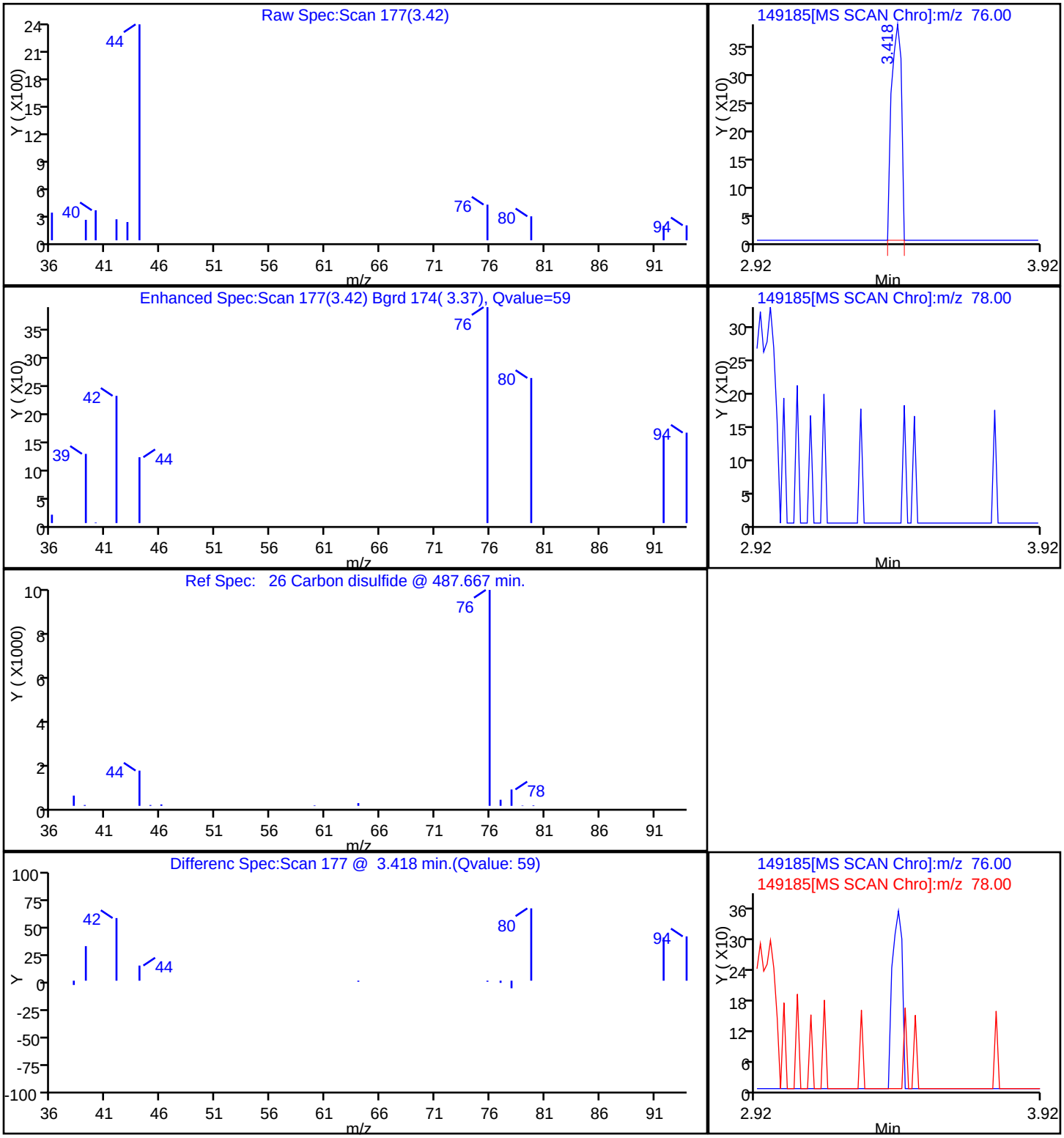
Report Date: 17-Nov-2012 10:21:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149185.D

Injection Date:	15-Nov-2012 16:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0006-0001-TB | Lab Sample ID: 240-17422-16

Matrix: Water | Lab File ID: UXX0869.D

Analysis Method: 8260B/DoD | Date Collected: 11/08/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 14:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-87-3	Chloromethane	0.30	J	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
75-09-2	Methylene Chloride	0.41	J B	1.0	0.50	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0006-0001-TB Lab Sample ID: 240-17422-16

Matrix: Water Lab File ID: UXX0869.D

Analysis Method: 8260B/DoD Date Collected: 11/08/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 14:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	105		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
1868-53-7	Dibromofluoromethane (Surr)	104		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0869.D
Lims ID: 240-17422-B-16 Client ID: 073SS-0006-0001-TB
Inject. Date: 13-Nov-2012 14:20:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID:
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 64831 Lims Sample ID: 9
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

First Level Reviewer: quayler Date: 13-Nov-2012 15:36:33

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	1629660	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	84	1051019	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.126	0.003	94	517276	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	59	465849	10.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.911	0.012	0	540567	10.3	
$ 7 Toluene-d8 (Surr)	98	6.568	6.567	0.001	92	1738120	10.5	
$ 8 4-Bromofluorobenzene (Surr)	95	8.994	8.993	0.001	92	496880	9.08	
13 Chloromethane	50	1.693	1.692	0.001	58	18856	0.3011	
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.083					9
17 Chloroethane	64		2.165					
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.816					
27 Carbon disulfide	76		3.006					
31 Methylene Chloride	84	3.195	3.195	0.0	71	22787	0.4052	
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
37 1,1-Dichloroethane	63		3.763					
42 2-Butanone (MEK)	43		4.236					
43 cis-1,2-Dichloroethene	96		4.248					
48 Chlorobromomethane	128		4.437					
50 Chloroform	83		4.496					
51 1,1,1-Trichloroethane	97		4.674					
54 Carbon tetrachloride	117		4.816					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.514					
64 1,2-Dichloropropane	63		5.703					
68 Dichlorobromomethane	83		5.928					
71 cis-1,3-Dichloropropene	75		6.319					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
72 4-Methyl-2-pentanone (MIBK)	43		6.437					
73 Toluene	91		6.626					9
74 trans-1,3-Dichloropropene	75		6.792					
76 1,1,2-Trichloroethane	97		6.969					
78 Tetrachloroethene	164		7.135					
79 2-Hexanone	43		7.182					
81 Chlorodibromomethane	129		7.336					
83 Ethylene Dibromide	107		7.455					
85 Chlorobenzene	112		7.904					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.117					
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					
91 Bromoform	173		8.685					
95 1,1,2,2-Tetrachloroethane	83		9.111					
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 122 Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

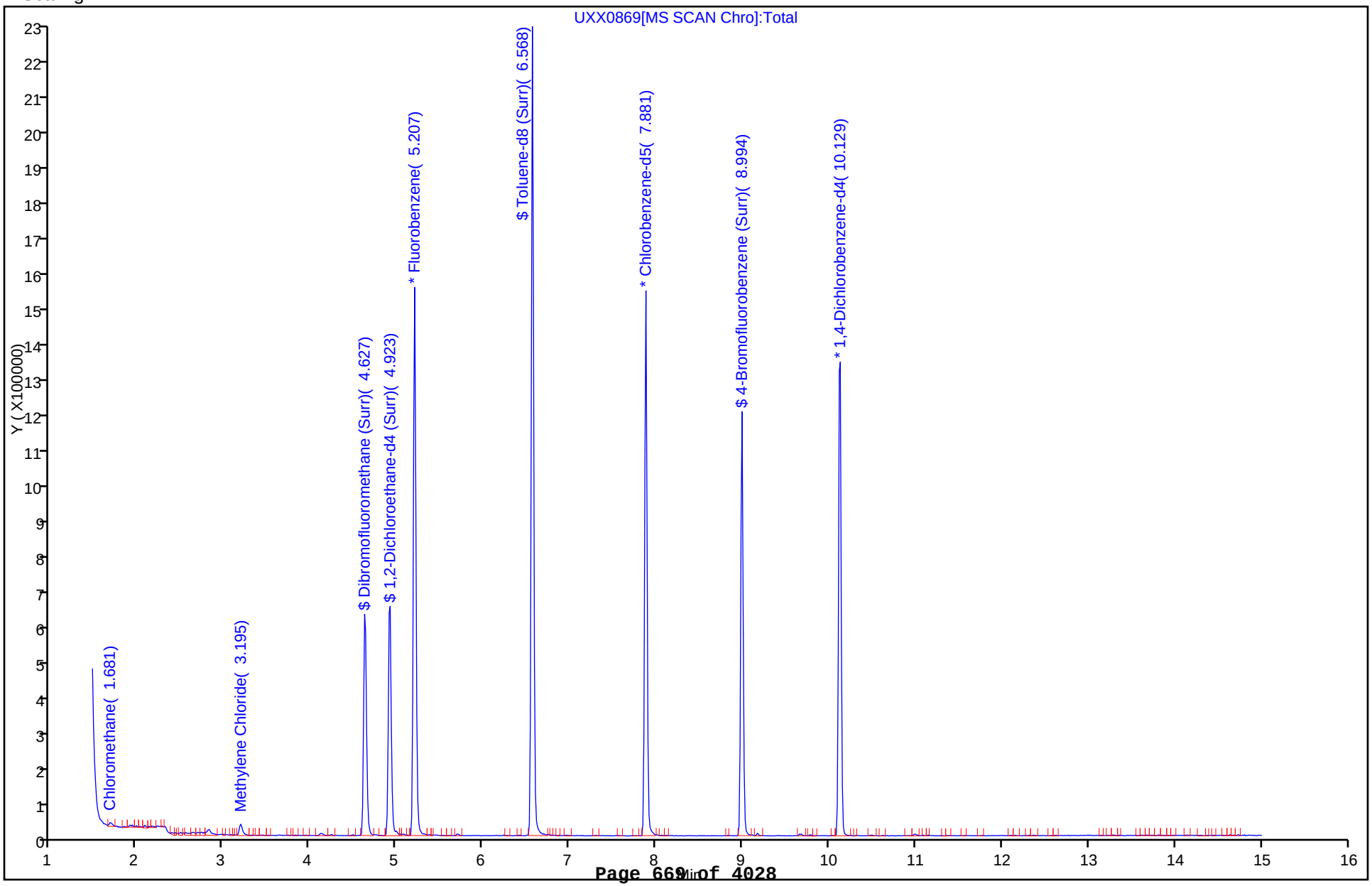
Report Date: 15-Nov-2012 13:51:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0869.D

Injection Date:	13-Nov-2012 14:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0006-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



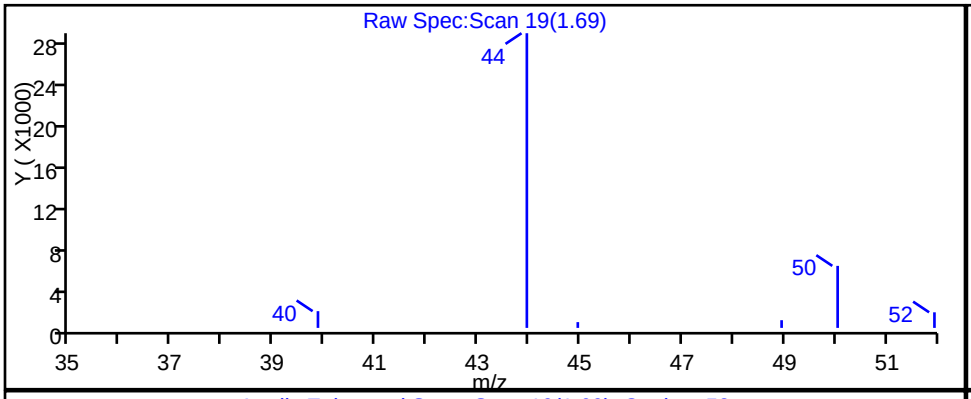
Report Date: 15-Nov-2012 13:51:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

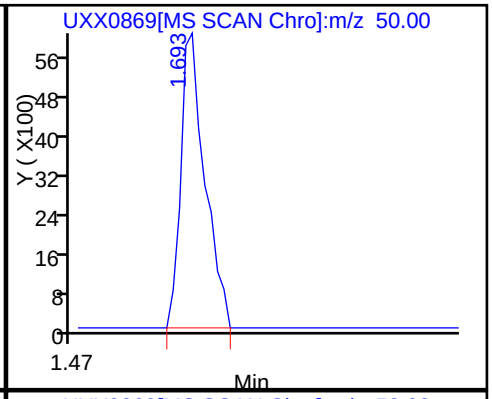
TestAmerica Canton

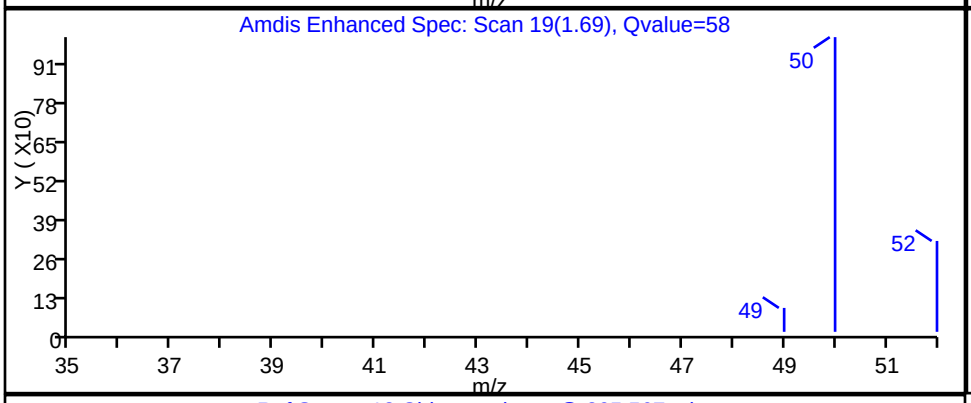
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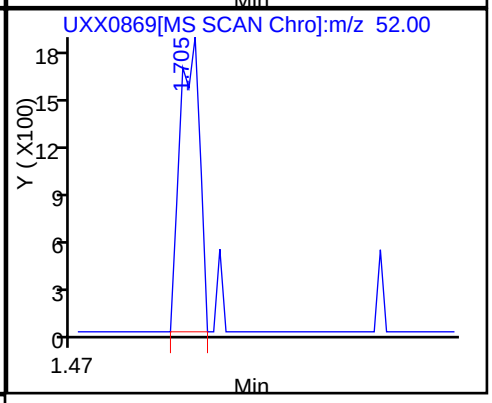
Injection Date:	13-Nov-2012 14:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0006-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

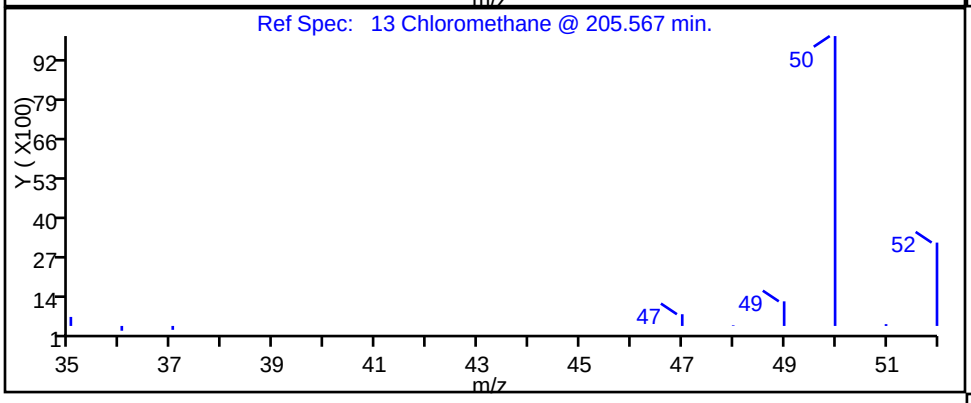
13 Chloromethane

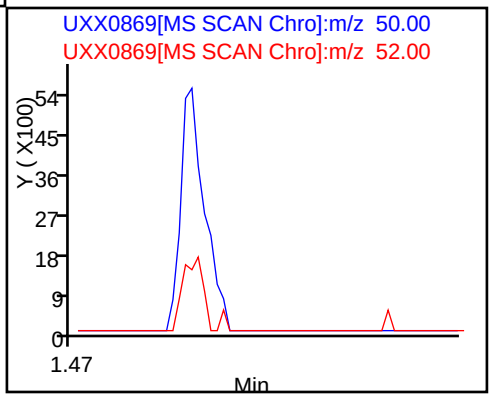












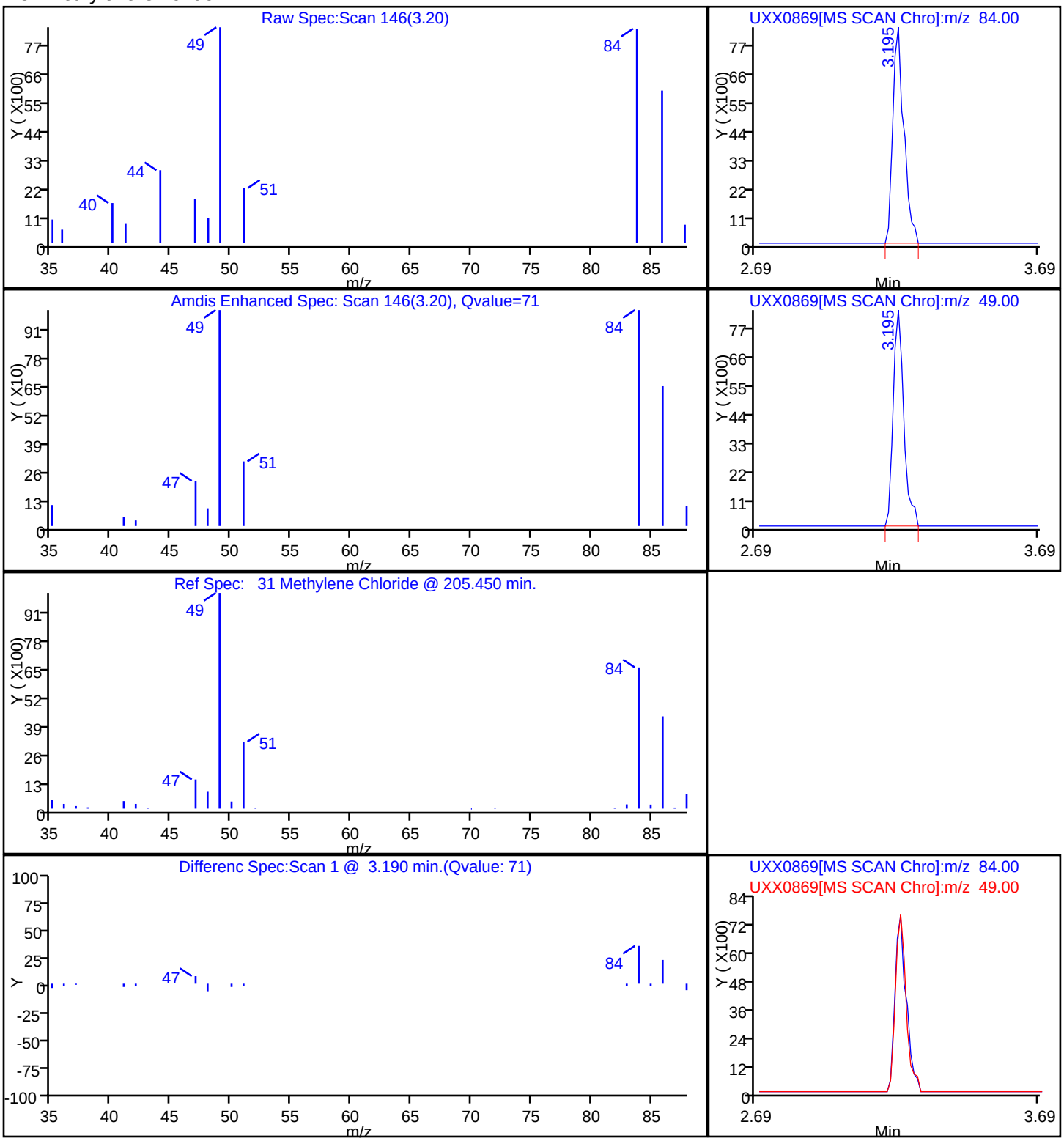
Report Date: 15-Nov-2012 13:51:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0869.D

Injection Date:	13-Nov-2012 14:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0006-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

31 Methylene Chloride



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-64678/7	UXX0851.D
Level 2	STD8260 240-64678/6	UXX0850.D
Level 3	STD8260 240-64678/5	UXX0849.D
Level 4	STD8260 240-64678/4	UXX0848.D
Level 5	STD8260 240-64678/3	UXX0847.D
Level 6	STD8260 240-64678/2	UXX0846.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1989 0.2041	0.2025	0.1993	0.2061	0.1849	Ave		0.1993			0.1000	3.8		15.0			
Chloromethane	0.4442 0.3339	0.4489	0.3848	0.3484	0.3457	Ave		0.3843			0.1000	13.0		15.0			
Vinyl chloride	0.3144 0.2884	0.3231	0.3099	0.3010	0.2881	Ave		0.3042			0.1000	4.7		15.0			
Bromomethane	0.1621 0.1324	0.1622	0.1367	0.1309	0.1294	Ave		0.1423			0.0500	11.0		15.0			
Chloroethane	0.1612 0.1409	0.1694	0.1398	0.1352	0.1359	Ave		0.1471				9.9		15.0			
Trichlorofluoromethane	0.2188 0.2421	0.2204	0.2101	0.2221	0.2114	Ave		0.2208			0.1000	5.2		15.0			
Acrolein	0.0374 0.0346	0.0355	0.0342	0.0356	0.0352	Ave		0.0354				3.2		15.0			
1,1-Dichloroethene	0.2563 0.2519	0.2432	0.2412	0.2414	0.2340	Ave		0.2447			0.1000	3.3		15.0			
Acetone	0.1289 0.0702	0.0998	0.0933	0.0815	0.0776	Lin1	0.1304	0.0715			0.0500				0.9960		0.9950
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1806 0.1919	0.1893	0.1835	0.1920	0.1745	Ave		0.1853			0.0500	3.8		15.0			
Iodomethane	0.4406 0.3945	0.4633	0.4182	0.3914	0.3897	Ave		0.4163				7.3		15.0			
Carbon disulfide	0.7843 0.8231	0.7867	0.7688	0.7446	0.7488	Ave		0.7761			0.1000	3.7		15.0			
Acetonitrile	0.0376 0.0238	0.0345	0.0320	0.0298	0.0275	Qua	0.0892	0.0306	0						1.0000		0.9900
Methyl acetate	0.2579 0.2103	0.2481	0.2370	0.2264	0.2231	Ave		0.2338			0.1000	7.5		15.0			
Methylene Chloride	0.4165 0.3189	0.3801	0.3325	0.3090	0.3137	Ave		0.3451			0.1000	13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-2-propanol	0.0231 0.0151	0.0220	0.0209	0.0203	0.0198	Ave		0.0202				14.0		15.0			
Acrylonitrile	0.1223 0.1112	0.1158	0.1213	0.1164	0.1163	Ave		0.1172				3.5		15.0			
Methyl tert-butyl ether	0.8827 0.8678	0.8781	0.8738	0.8392	0.8830	Ave		0.8708			0.1000	1.9		15.0			
trans-1,2-Dichloroethene	0.3020 0.3064	0.3058	0.3007	0.2902	0.2935	Ave		0.2998			0.1000	2.2		15.0			
Hexane	0.0438 0.0532	0.0514	0.0432	0.0507	0.0446	Ave		0.0478				9.3		15.0			
1,1-Dichloroethane	0.5407 0.5150	0.5261	0.5080	0.4741	0.5029	Ave		0.5111			0.1000	4.4		15.0			
Vinyl acetate	0.0478 0.0588	0.0484	0.0506	0.0555	0.0571	Ave		0.0530				8.9		15.0			
2-Butanone (MEK)	0.1466 0.1153	0.1377	0.1344	0.1292	0.1249	Ave		0.1314			0.0500	8.2		15.0			
cis-1,2-Dichloroethene	0.3434 0.3406	0.3378	0.3321	0.3149	0.3313	Ave		0.3334			0.1000	3.1		15.0			
2,2-Dichloropropane	0.2985 0.3018	0.2994	0.2904	0.2816	0.2841	Ave		0.2926				2.9		15.0			
Bromochloromethane	0.1745 0.1603	0.1650	0.1579	0.1524	0.1600	Ave		0.1617				4.6		15.0			
Tetrahydrofuran	0.1623 0.0770	0.1268	0.1019	0.0945	0.0906	Qua	0.0510	0.0977	-0.001						1.0000		0.9900
Chloroform	0.5382 0.5104	0.5344	0.5141	0.4847	0.5051	Ave		0.5145				3.8		15.0			
1,1,1-Trichloroethane	0.3435 0.3635	0.3603	0.3531	0.3495	0.3459	Ave		0.3526			0.1000	2.3		15.0			
Cyclohexane	0.3924 0.4297	0.3928	0.3828	0.4176	0.3822	Ave		0.3996			0.1000	4.9		15.0			
1,1-Dichloropropene	0.3666 0.3817	0.3585	0.3484	0.3567	0.3593	Ave		0.3619				3.1		15.0			
Carbon tetrachloride	0.2800 0.2944	0.2895	0.2827	0.2798	0.2804	Ave		0.2845			0.1000	2.1		15.0			
1,2-Dichloroethane	0.3753 0.3636	0.3888	0.3748	0.3532	0.3679	Ave		0.3706			0.1000	3.3		15.0			
Benzene	1.3377 1.2769	1.2734	1.2459	1.1756	1.2375	Ave		1.2578			0.5000	4.3		15.0			
Trichloroethene	0.3319 0.3129	0.3175	0.3008	0.2936	0.3049	Ave		0.3103			0.2000	4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.2943 0.2967	0.2997	0.2914	0.2787	0.2906	Ave		0.2919			0.1000	2.5		15.0			
Methylcyclohexane	0.3048 0.3820	0.3122	0.3088	0.3523	0.3165	Ave		0.3294			0.1000	9.4		15.0			
Dibromomethane	0.1719 0.1654	0.1776	0.1687	0.1613	0.1693	Ave		0.1691				3.3		15.0			
1,4-Dioxane	0.0032 0.0019	0.0035	0.0031	0.0032	0.0028	Qua	-0.045	0.0037	0						0.9990		0.9900
Bromodichloromethane	0.3305 0.3666	0.3535	0.3408	0.3314	0.3579	Ave		0.3468			0.1000	4.3		15.0			
2-Chloroethyl vinyl ether	0.1453 0.1796	0.1517	0.1668	0.1668	0.1838	Ave		0.1657				9.1		15.0			
cis-1,3-Dichloropropene	0.3841 0.4756	0.4149	0.4156	0.4175	0.4608	Ave		0.4281			0.1500	7.9		15.0			
4-Methyl-2-pentanone (MIBK)	0.2502 0.2431	0.2520	0.2578	0.2546	0.2644	Ave		0.2537			0.0500	2.8		15.0			
Toluene	1.8664 1.9630	1.9065	1.8992	1.8001	1.8781	Ave		1.8855			0.4000	2.8		15.0			
trans-1,3-Dichloropropene	0.4843 0.5851	0.5120	0.5214	0.5271	0.5752	Ave		0.5342			0.1000	7.2		15.0			
Ethyl methacrylate	0.4175 0.5248	0.4537	0.4976	0.5155	0.5358	Ave		0.4908				9.4		15.0			
1,1,2-Trichloroethane	0.3965 0.3639	0.3986	0.3947	0.3693	0.3697	Ave		0.3821			0.1000	4.2		15.0			
1,3-Dichloropropane	0.6981 0.6579	0.7006	0.6719	0.6455	0.6646	Ave		0.6731				3.3		15.0			
Tetrachloroethene	0.3597 0.3421	0.3494	0.3394	0.3274	0.3239	Ave		0.3403			0.2000	3.9		15.0			
2-Hexanone	0.2126 0.2211	0.2276	0.2441	0.2370	0.2427	Ave		0.2308			0.0500	5.5		15.0			
Dibromochloromethane	0.3322 0.4007	0.3628	0.3736	0.3663	0.3888	Ave		0.3707				6.4		15.0			
1,2-Dibromoethane	0.3784 0.3620	0.3712	0.3747	0.3568	0.3796	Ave		0.3704				2.5		15.0			
Chlorobenzene	1.2245 1.2162	1.1857	1.2088	1.1348	1.1884	Ave		1.1931			0.3000	2.7		15.0			
1,1,1,2-Tetrachloroethane	0.4228 0.4179	0.4074	0.4195	0.3970	0.4190	Ave		0.4139				2.4		15.0			
Ethylbenzene	0.5412 0.6396	0.5736	0.6094	0.5997	0.6150	Ave		0.5964				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	0.6972 0.8248	0.7263	0.7597	0.7488	0.7812	Ave		0.7563				5.8		15.0			
o-Xylene	0.6828 0.7903	0.7132	0.7597	0.7334	0.7722	Ave		0.7419				5.4		15.0			
Styrene	1.0085 1.3633	1.0896	1.1898	1.1917	1.3011	Ave		1.1907			0.3000	11.0		15.0			
Bromoform	0.2037 0.2410	0.2123	0.2232	0.2246	0.2417	Ave		0.2244			0.1000	6.8		15.0			
Isopropylbenzene	1.5016 1.8634	1.5874	1.6652	1.6598	1.7248	Ave		1.6670			0.1000	7.4		15.0			
1,1,2,2-Tetrachloroethane	0.9993 0.8703	0.9692	0.9229	0.9160	0.9142	Ave		0.9320			0.3000	4.9		15.0			
Bromobenzene	0.9066 0.9891	0.9305	0.9192	0.9074	0.9325	Ave		0.9309				3.3		15.0			
1,2,3-Trichloropropane	0.3141 0.2807	0.3294	0.2942	0.2917	0.2971	Ave		0.3012				5.8		15.0			
trans-1,4-Dichloro-2-butene	0.1535 0.2176	0.1449	0.1624	0.1859	0.1964	Lin1	-0.107	0.2101							0.9950		0.9950
N-Propylbenzene	0.7428 0.9160	0.8241	0.8091	0.8068	0.8366	Ave		0.8226				6.8		15.0			
2-Chlorotoluene	0.7886 0.8627	0.8575	0.8175	0.7989	0.8347	Ave		0.8267				3.7		15.0			
1,3,5-Trimethylbenzene	2.3054 2.8184	2.4085	2.5167	2.5446	2.6165	Ave		2.5350				7.0		15.0			
4-Chlorotoluene	0.8271 0.9287	0.9160	0.8864	0.8522	0.8747	Ave		0.8808				4.3		15.0			
tert-Butylbenzene	1.8150 2.4805	2.0046	2.0255	2.0722	2.0913	Ave		2.0815				11.0		15.0			
1,2,4-Trimethylbenzene	2.3225 2.8553	2.5618	2.6034	2.6596	2.7260	Ave		2.6214				6.8		15.0			
sec-Butylbenzene	2.4876 2.9246	2.5564	2.5936	2.6735	2.6770	Ave		2.6521				5.7		15.0			
1,3-Dichlorobenzene	1.7689 1.6631	1.7710	1.6117	1.5728	1.6251	Ave		1.6688			0.6000	5.0		15.0			
4-Isopropyltoluene	1.9274 2.4835	2.1614	2.2101	2.2659	2.3252	Ave		2.2289				8.3		15.0			
1,4-Dichlorobenzene	1.9138 1.7559	1.9110	1.7950	1.6808	1.7314	Ave		1.7980			0.5000	5.3		15.0			
n-Butylbenzene	1.5952 1.9531	1.7170	1.7201	1.8049	1.7969	Ave		1.7645				6.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.7369 1.5919	1.7869	1.6727	1.5983	1.6348	Ave		1.6702			0.4000	4.7		15.0			
1,2-Dibromo-3-Chloropropane	0.1560 0.1265	0.1750	0.1482	0.1702	0.1674	Ave		0.1572			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	1.0120 0.7612	1.0543	0.9110	0.9328	0.9131	Ave		0.9307				11.0		15.0			
1,2,4-Trichlorobenzene	0.8797 0.6225	0.9696	0.8584	0.9081	0.8514	Ave		0.8483			0.2000	14.0		15.0			
Hexachlorobutadiene	0.4057 0.1875	0.4181	0.3466	0.3516	0.2693	Qua	0.1206	0.3580	-0.004						0.9980		0.9900
Naphthalene	2.3166 +++++	2.7051	2.4216	2.8654	2.6168	Ave		2.5851				8.5		15.0			
1,2,3-Trichlorobenzene	0.9662 +++++	1.0400	0.8872	0.9193	0.7679	Ave		0.9161				11.0		15.0			
Dibromofluoromethane (Surr)	0.2741 0.2764	0.2745	0.2863	0.2620	0.2701	Ave		0.2739				2.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3189 0.3200	0.3315	0.3353	0.3006	0.3252	Ave		0.3219				3.8		15.0			
Toluene-d8 (Surr)	1.5102 1.6599	1.5163	1.6282	1.5503	1.5788	Ave		1.5740				3.8		15.0			
4-Bromofluorobenzene (Surr)	0.5032 0.5358	0.5103	0.5387	0.5055	0.5296	Ave		0.5205				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-64678/7	UXX0851.D
Level 2	STD8260 240-64678/6	UXX0850.D
Level 3	STD8260 240-64678/5	UXX0849.D
Level 4	STD8260 240-64678/4	UXX0848.D
Level 5	STD8260 240-64678/3	UXX0847.D
Level 6	STD8260 240-64678/2	UXX0846.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	34671 1517107	70486	177301	373185	669856	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	77442 2482208	156281	342304	630854	1252314	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	54815 2144335	112499	275699	545008	1043756	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	28264 983996	56470	121597	236981	468904	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	28099 1047754	58980	124356	244780	492362	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	38147 1799625	76738	186904	402134	765812	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	65268 2570338	123569	304469	644261	1273557	10.0 400	20.0	50.0	100	200
1,1-Dichloroethene	FB	Ave	44690 1872976	84658	214549	437052	847885	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	44960 1043547	69478	166058	295160	562559	2.00 80.0	4.00	10.0	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	31497 1426944	65909	163255	347682	632122	1.00 40.0	2.00	5.00	10.0	20.0
Iodomethane	FB	Ave	76830 2933107	161277	372028	708810	1411863	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	136745 6119513	273875	683913	1348377	2713083	1.00 40.0	2.00	5.00	10.0	20.0
Acetonitrile	FB	Qua	65625 1767771	120215	284821	538745	994750	10.0 400	20.0	50.0	100	200
Methyl acetate	FB	Ave	89933 3126431	172767	421663	819857	1616797	2.00 80.0	4.00	10.0	20.0	40.0
Methylene Chloride	FB	Ave	72627 2370613	132313	295754	559579	1136559	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	80525 2241645	153465	372177	736635	1437321	20.0 800	40.0	100	200	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	FB	Ave	42638 1653968	80637	215874	421506	842773	2.00 80.0	4.00	10.0	20.0	40.0
Methyl tert-butyl ether	FB	Ave	153912 6451424	305714	777265	1519712	3199056	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	52663 2277605	106452	267462	525590	1063185	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	7645 395795	17904	38466	91773	161419	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	94279 3828847	183164	451913	858573	1821871	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	8334 437314	16843	44995	100425	206976	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	51121 1714375	95911	239039	468043	904760	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	59877 2532393	117608	295440	570139	1200218	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	52041 2243724	104223	258332	509922	1029269	1.00 40.0	2.00	5.00	10.0	20.0
Bromochloromethane	FB	Ave	30419 1191655	57430	140473	275976	579619	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Qua	28303 572725	44131	90634	171197	328102	1.00 40.0	2.00	5.00	10.0	20.0
Chloroform	FB	Ave	93846 3794429	186053	457349	877735	1830142	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	59884 2702490	125449	314125	632967	1253228	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	68421 3194526	136757	340535	756268	1384706	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	63924 2837459	124802	309947	645899	1301656	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	48821 2188730	100798	251500	506633	1015979	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	FB	Ave	65431 2702867	135372	333387	639567	1332741	1.00 40.0	2.00	5.00	10.0	20.0
Benzene	FB	Ave	233228 9493368	443302	1108291	2128801	4483517	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	57861 2326533	110526	267568	531723	1104556	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	51313 2205915	104320	259174	504756	1052699	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	53144 2839694	108692	274651	637965	1146512	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	29978 1229677	61839	150074	292142	613551	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Qua	27535 720574	60682	137374	288501	512220	50.0 2000	100	250	500	1000
Bromodichloromethane	FB	Ave	57623 2725858	123061	303148	600098	1296764	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	50671 2670875	105614	296796	604141	1331531	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	66977 3536095	144437	369728	755964	1669482	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	87243 3614614	175491	458647	922094	1915881	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	217546 10274925	451655	1132310	2241611	4790661	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	56453 3062643	121296	310855	656429	1467254	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	48665 2746746	107493	296669	641991	1366660	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	46213 1904687	94427	235302	459854	943086	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	81372 3443790	165969	400610	803827	1695247	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	41923 1790634	82786	202364	407744	826165	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	49559 2314236	107859	291062	590164	1237996	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	38720 2097297	85958	222734	456198	991725	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	44106 1895026	87936	223365	444348	968223	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	142728 6365963	280902	720708	1413092	3031433	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	49287 2187416	96510	250128	494391	1068740	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	63081 3347620	135894	363350	746753	1568837	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	162535 8634865	344119	905853	1864879	3985489	2.00 80.0	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	79587 4136461	168969	452959	913272	1969700	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	117552 7135888	258133	709345	1484029	3318900	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	23746 1261483	50285	133051	279702	616561	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	175027 9753706	376054	992795	2066828	4399760	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	59590 2260530	119752	294932	599230	1229157	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	54065 2569216	114972	293754	593639	1253824	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	18732 729085	40695	94024	190863	399459	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	9151 565293	17898	51883	121595	264109	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	44296 2379317	101816	258545	527842	1124810	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	47028 2240856	105949	261247	522662	1122340	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	137475 7320946	297581	804267	1664702	3517956	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	49320 2412432	113179	283249	557492	1176060	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	108234 6443256	247676	647284	1355669	2811782	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	138495 7416636	316517	831957	1739940	3665232	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	148343 7596669	315856	828824	1749001	3599319	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	105483 4319964	218816	515050	1028971	2184946	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	114936 6450809	267048	706275	1482377	3126343	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	114122 4561039	236109	573628	1099593	2327891	1.00 40.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	95124 5073281	212137	549686	1180776	2416052	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	103573 4134855	220774	534538	1045591	2198021	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	9302 328665	21622	47356	111358	225061	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	60345 1977219	130259	291118	610228	1227759	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	52456 1616850	119798	274305	594109	1144674	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Qua	24195 487092	51657	110766	230031	362028	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	138144 +++++	334220	773873	1874568	3518446	1.00 +++++	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	57614 +++++	128490	283525	601412	1032422	1.00 +++++	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	47796 2054581	95558	254654	474438	978409	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	55605 2378828	115392	298265	544354	1178172	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	176027 8688536	359210	970714	1930573	4027368	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	58658 2804504	120897	321161	629515	1350915	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0846.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 12-Nov-2012 15:10:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014871-001
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 64678 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:53 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 12-Nov-2012 15:41:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1858646	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1308572	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	72	649378	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	59	2054581	40.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.002	0	2378828	39.8	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	92	8688536	42.2	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	91	2804504	41.2	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	88	1517107	41.0	
13 Chloromethane	50	1.701	1.704	-0.003	89	2482208	34.8	
14 Vinyl chloride	62	1.808	1.799	0.009	82	2144335	37.9	
16 Bromomethane	94	2.092	2.094	-0.002	88	983996	37.2	
17 Chloroethane	64	2.174	2.177	-0.003	99	1047754	38.3	
19 Trichlorofluoromethane	101	2.399	2.390	0.009	97	1799625	43.9	
21 Acrolein	56	2.695	2.698	-0.003	96	2570338	390.5	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	88	1872976	41.2	
24 Acetone	43	2.825	2.828	-0.003	100	1043547	76.7	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.840	-0.003	83	1426944	41.4	
26 Iodomethane	142	2.943	2.935	0.008	96	2933107	37.9	
27 Carbon disulfide	76	3.003	3.006	-0.003	98	6119513	42.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	1767771	400.1	
30 Methyl acetate	43	3.097	3.100	-0.003	95	3126431	71.9	
31 Methylene Chloride	84	3.192	3.195	-0.003	79	2370613	37.0	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	96	2241645	596.5	
33 Acrylonitrile	53	3.381	3.384	-0.003	100	1653968	75.9	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	87	6451424	39.9	
34 trans-1,2-Dichloroethene	96	3.429	3.432	-0.003	61	2277605	40.9	
36 Hexane	86	3.665	3.656	0.009	91	395795	44.5	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	96	3828847	40.3	
38 Vinyl acetate	86	3.795	3.798	-0.003	96	437314	44.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.233	4.236	-0.003	95	1714375	70.2	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	68	2532393	40.9	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	87	2243724	41.3	
48 Chlorobromomethane	128	4.446	4.449	-0.003	89	1191655	39.7	
49 Tetrahydrofuran	42	4.482	4.485	-0.003	95	572725	39.9	
50 Chloroform	83	4.494	4.497	-0.003	81	3794429	39.7	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	89	2702490	41.2	
52 Cyclohexane	56	4.742	4.745	-0.003	86	3194526	43.0	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	95	2837459	42.2	
54 Carbon tetrachloride	117	4.825	4.816	0.009	89	2188730	41.4	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	78	2702867	39.2	
57 Benzene	78	4.979	4.982	-0.003	94	9493368	40.6	
61 Trichloroethene	130	5.523	5.514	0.009	92	2326533	40.3	
63 Methylcyclohexane	83	5.701	5.703	-0.003	88	2839694	46.4	
64 1,2-Dichloropropane	63	5.701	5.703	-0.003	92	2205915	40.7	
66 Dibromomethane	93	5.807	5.798	0.009	89	1229677	39.1	
67 1,4-Dioxane	88	5.807	5.810	-0.003	89	720574	1977.5	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	94	2725858	42.3	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	2670875	86.7	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	94	3536095	44.4	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	3614614	76.7	
73 Toluene	91	6.623	6.626	-0.003	97	10274925	41.6	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	87	3062643	43.8	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	88	2746746	42.8	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	84	1904687	38.1	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	92	3443790	39.1	
78 Tetrachloroethene	164	7.132	7.135	-0.003	90	1790634	40.2	
79 2-Hexanone	43	7.180	7.183	-0.003	95	2314236	76.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	88	2097297	43.2	
83 Ethylene Dibromide	107	7.452	7.455	-0.003	99	1895026	39.1	
85 Chlorobenzene	112	7.913	7.904	0.009	98	6365963	40.8	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	85	2187416	40.4	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	3347620	42.9	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	98	8634865	87.2	
89 o-Xylene	106	8.493	8.496	-0.003	92	4136461	42.6	
90 Styrene	104	8.505	8.508	-0.003	93	7135888	45.8	
91 Bromoform	173	8.682	8.685	-0.003	99	1261483	43.0	
92 Isopropylbenzene	105	8.848	8.851	-0.003	94	9753706	44.7	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	85	2260530	37.4	
96 Bromobenzene	156	9.144	9.147	-0.003	90	2569216	42.5	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	71	729085	37.3	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	72	565293	41.9	
99 N-Propylbenzene	120	9.250	9.241	0.009	98	2379317	44.5	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	2240856	41.7	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	7320946	44.5	
102 4-Chlorotoluene	126	9.440	9.431	0.009	98	2412432	42.2	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	90	6443256	47.7	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	72	7416636	43.6	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	94	7596669	44.1	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	96	4319964	39.9	
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	97	6450809	44.6	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	95	4561039	39.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.505	10.496	0.009	97	5073281	44.3	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	98	4134855	38.1	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	88	328665	32.2	
113 1,3,5-Trichlorobenzene	180	11.510	11.513	-0.003	97	1977219	32.7	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	92	1616850	29.4	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	96	487092	NaN	
116 Naphthalene	128	12.374	12.377	-0.003	100	4042500	24.1	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	1163004	19.5	
S 119 Trihalomethanes, Total	1				0		168.2	
S 120 1,2-Dichloroethene, Total	96				0		81.8	
S 121 1,3-Dichloropropene, Total	75				0		88.3	
S 122 Xylenes, Total	106				0		129.9	

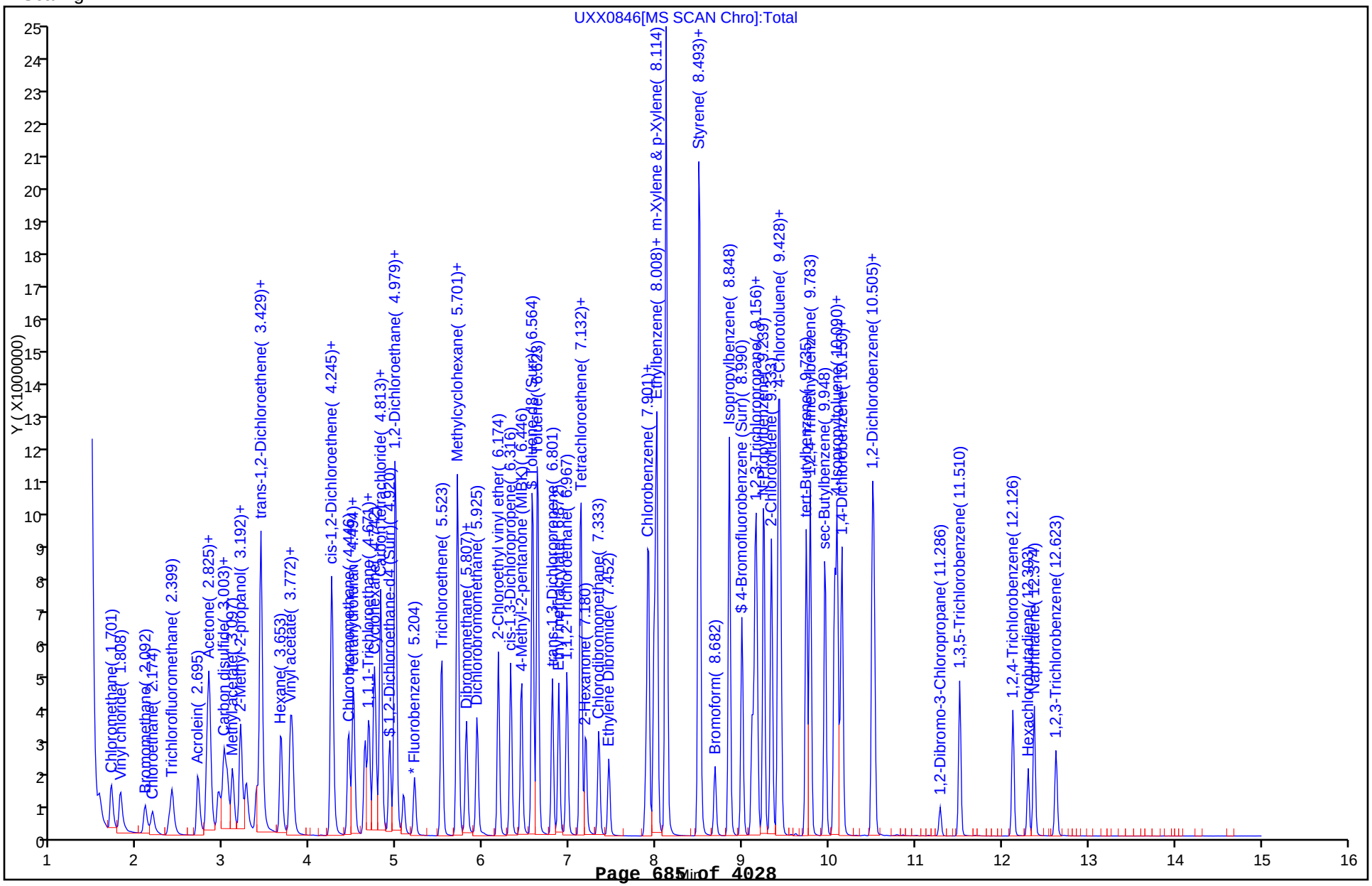
Report Date: 14-Nov-2012 12:22:53 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0846.D

Injection Date:	12-Nov-2012 15:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	2
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0847.D
Lims ID: STD8260 L5 Client ID:
Inject. Date: 12-Nov-2012 15:33:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014871-002
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64678 Lims Sample ID: 3
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:54 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.204	0.001	100	1811507	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	85	1275429	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	79	672268	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.627	0.010	60	978409	19.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.923	-0.001	0	1178172	20.2	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	4027368	20.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	93	1350915	20.3	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	92	669856	18.6	
13 Chloromethane	50	1.702	1.704	-0.002	99	1252314	18.0	
14 Vinyl chloride	62	1.809	1.799	0.010	94	1043756	18.9	
16 Bromomethane	94	2.093	2.094	-0.001	88	468904	18.2	
17 Chloroethane	64	2.175	2.177	-0.002	99	492362	18.5	
19 Trichlorofluoromethane	101	2.400	2.390	0.010	98	765812	19.1	
21 Acrolein	56	2.696	2.698	-0.002	97	1273557	198.5	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	88	847885	19.1	
24 Acetone	43	2.826	2.828	-0.002	100	562559	41.6	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	82	632122	18.8	
26 Iodomethane	142	2.933	2.935	-0.002	95	1411863	18.7	
27 Carbon disulfide	76	3.004	3.006	-0.002	98	2713083	19.3	
28 Acetonitrile	41	3.051	3.053	-0.002	99	994750	199.5	
30 Methyl acetate	43	3.098	3.100	-0.002	95	1616797	38.2	
31 Methylene Chloride	84	3.193	3.195	-0.002	81	1136559	18.2	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	98	1437321	392.5	
33 Acrylonitrile	53	3.382	3.384	-0.002	100	842773	39.7	
35 Methyl tert-butyl ether	73	3.430	3.432	-0.002	87	3199056	20.3	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	62	1063185	19.6	
36 Hexane	86	3.666	3.656	0.010	91	161419	18.6	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	85	1821871	19.7	
38 Vinyl acetate	86	3.797	3.798	-0.001	97	206976	21.5	
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	95	904760	38.0	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	68	1200218	19.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	87	1029269	19.4	
48 Chlorobromomethane	128	4.447	4.449	-0.002	91	579619	19.8	
49 Tetrahydrofuran	42	4.495	4.485	0.010	88	328102	20.3	
50 Chloroform	83	4.495	4.497	-0.002	89	1830142	19.6	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	92	1253228	19.6	
52 Cyclohexane	56	4.743	4.745	-0.002	87	1384706	19.1	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	95	1301656	19.9	
54 Carbon tetrachloride	117	4.826	4.816	0.010	86	1015979	19.7	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	52	1332741	19.9	
57 Benzene	78	4.980	4.982	-0.002	94	4483517	19.7	
61 Trichloroethene	130	5.524	5.514	0.010	92	1104556	19.7	
63 Methylcyclohexane	83	5.702	5.703	-0.001	84	1146512	19.2	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	84	1052699	19.9	
66 Dibromomethane	93	5.808	5.798	0.010	88	613551	20.0	
67 1,4-Dioxane	88	5.808	5.810	-0.002	87	512220	1012.5	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	100	1296764	20.6	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	90	1331531	44.4	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	1669482	21.5	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	95	1915881	41.7	
73 Toluene	91	6.625	6.626	-0.001	98	4790661	19.9	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	91	1467254	21.5	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	88	1366660	21.8	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	85	943086	19.4	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	91	1695247	19.7	
78 Tetrachloroethene	164	7.133	7.135	-0.002	89	826165	19.0	
79 2-Hexanone	43	7.181	7.183	-0.002	96	1237996	42.0	
81 Chlorodibromomethane	129	7.335	7.336	-0.001	88	991725	21.0	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	968223	20.5	
85 Chlorobenzene	112	7.914	7.904	0.010	94	3031433	19.9	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	85	1068740	20.2	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	1568837	20.6	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	99	3985489	41.3	
89 o-Xylene	106	8.494	8.496	-0.002	92	1969700	20.8	
90 Styrene	104	8.506	8.508	-0.002	93	3318900	21.9	
91 Bromoform	173	8.684	8.685	-0.001	98	616561	21.5	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	4399760	20.7	
95 1,1,2,2-Tetrachloroethane	83	9.110	9.111	-0.001	81	1229157	19.6	
96 Bromobenzene	156	9.145	9.147	-0.002	91	1253824	20.0	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	75	399459	19.7	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	71	264109	19.2	
99 N-Propylbenzene	120	9.240	9.241	-0.001	98	1124810	20.3	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	1122340	20.2	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	3517956	20.6	
102 4-Chlorotoluene	126	9.441	9.431	0.010	97	1176060	19.9	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	89	2811782	20.1	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	3665232	20.8	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	93	3599319	20.2	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	96	2184946	19.5	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	97	3126343	20.9	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	94	2327891	19.3	
110 n-Butylbenzene	91	10.494	10.496	-0.002	97	2416052	20.4	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	98	2198021	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.002	89	225061	21.3	
113 1,3,5-Trichlorobenzene	180	11.512	11.513	-0.001	97	1227759	19.6	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	94	1144674	20.1	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	91	362028	19.2	
116 Naphthalene	128	12.375	12.377	-0.002	100	3518446	20.2	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	100	1032422	16.8	
S 119 Trihalomethanes, Total	1				0		82.8	
S 120 1,2-Dichloroethene, Total	96				0		39.5	
S 121 1,3-Dichloropropene, Total	75				0		43.1	
S 122 Xylenes, Total	106				0		62.1	

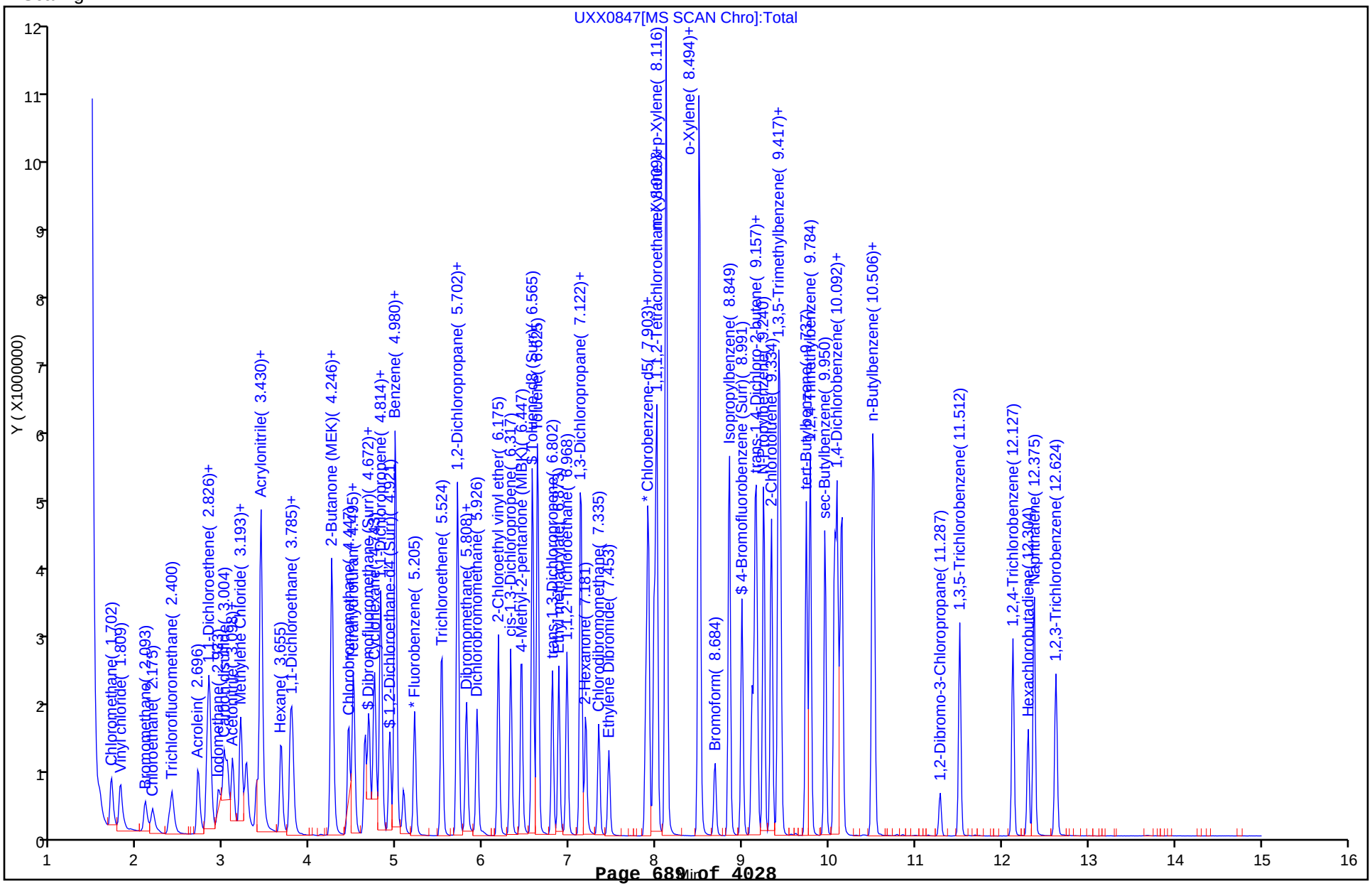
Report Date: 14-Nov-2012 12:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0847.D

Injection Date:	12-Nov-2012 15:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	3
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0848.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 12-Nov-2012 15:55:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: 240-0014871-004
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64678 Lims Sample ID: 4
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:55 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.0	99	1810823	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1245256	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	89	654209	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	59	474438	9.57	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	544354	9.34	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1930573	9.85	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	93	629515	9.71	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	87	373185	10.3	
13 Chloromethane	50	1.704	1.704	0.0	89	630854	9.07	
14 Vinyl chloride	62	1.799	1.799	0.0	82	545008	9.90	
16 Bromomethane	94	2.094	2.094	0.0	87	236981	9.20	
17 Chloroethane	64	2.177	2.177	0.0	98	244780	9.19	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	98	402134	10.1	
21 Acrolein	56	2.698	2.698	0.0	96	644261	100.5	
23 1,1-Dichloroethene	96	2.816	2.816	0.0	89	437052	9.86	
24 Acetone	43	2.828	2.828	0.0	94	295160	21.0	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	83	347682	10.4	
26 Iodomethane	142	2.935	2.935	0.0	96	708810	9.40	
27 Carbon disulfide	76	3.006	3.006	0.0	98	1348377	9.59	
28 Acetonitrile	41	3.053	3.053	0.0	100	538745	100.1	
30 Methyl acetate	43	3.100	3.100	0.0	95	819857	19.4	
31 Methylene Chloride	84	3.195	3.195	0.0	84	559579	8.95	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	95	736635	201.2	
33 Acrylonitrile	53	3.384	3.384	0.0	99	421506	19.9	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	87	1519712	9.64	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	63	525590	9.68	
36 Hexane	86	3.656	3.656	0.0	91	91773	10.6	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	858573	9.28	
38 Vinyl acetate	86	3.798	3.798	0.0	96	100425	10.5	
42 2-Butanone (MEK)	43	4.236	4.236	0.0	95	468043	19.7	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	68	570139	9.44	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.260	4.260	0.0	87	509922	9.62	
48 Chlorobromomethane	128	4.449	4.449	0.0	90	275976	9.43	
49 Tetrahydrofuran	42	4.485	4.485	0.0	86	171197	9.68	
50 Chloroform	83	4.497	4.497	0.0	93	877735	9.42	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	89	632967	9.91	
52 Cyclohexane	56	4.745	4.745	0.0	87	756268	10.5	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	95	645899	9.86	
54 Carbon tetrachloride	117	4.816	4.816	0.0	86	506633	9.83	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	46	639567	9.53	
57 Benzene	78	4.982	4.982	0.0	94	2128801	9.35	
61 Trichloroethene	130	5.514	5.514	0.0	98	531723	9.46	
63 Methylcyclohexane	83	5.703	5.703	0.0	86	637965	10.7	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	83	504756	9.55	
66 Dibromomethane	93	5.798	5.798	0.0	92	292142	9.54	
67 1,4-Dioxane	88	5.810	5.810	0.0	87	288501	497.5	
68 Dichlorobromomethane	83	5.928	5.928	0.0	99	600098	9.56	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	91	604141	20.1	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	92	755964	9.75	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	922094	20.1	
73 Toluene	91	6.626	6.626	0.0	97	2241611	9.55	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	91	656429	9.87	
75 Ethyl methacrylate	69	6.875	6.875	0.0	88	641991	10.5	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	89	459854	9.66	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	91	803827	9.59	
78 Tetrachloroethene	164	7.135	7.135	0.0	89	407744	9.62	
79 2-Hexanone	43	7.183	7.183	0.0	95	590164	20.5	
81 Chlorodibromomethane	129	7.336	7.336	0.0	90	456198	9.88	
83 Ethylene Dibromide	107	7.455	7.455	0.0	99	444348	9.63	
85 Chlorobenzene	112	7.904	7.904	0.0	95	1413092	9.51	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	86	494391	9.59	
87 Ethylbenzene	106	8.011	8.011	0.0	97	746753	10.1	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	1864879	19.8	
89 o-Xylene	106	8.496	8.496	0.0	95	913272	9.88	
90 Styrene	104	8.508	8.508	0.0	93	1484029	10.0	
91 Bromoform	173	8.685	8.685	0.0	98	279702	10.0	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2066828	9.96	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	87	599230	9.83	
96 Bromobenzene	156	9.147	9.147	0.0	89	593639	9.75	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	190863	9.69	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.170	0.0	70	121595	9.35	
99 N-Propylbenzene	120	9.241	9.241	0.0	98	527842	9.81	
100 2-Chlorotoluene	126	9.336	9.336	0.0	97	522662	9.66	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	93	1664702	10.0	
102 4-Chlorotoluene	126	9.431	9.431	0.0	98	557492	9.67	
103 tert-Butylbenzene	119	9.738	9.738	0.0	81	1355669	9.96	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	70	1739940	10.1	
105 sec-Butylbenzene	105	9.951	9.951	0.0	93	1749001	10.1	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	88	1028971	9.43	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	95	1482377	10.2	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1099593	9.35	
110 n-Butylbenzene	91	10.496	10.496	0.0	95	1180776	10.2	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	98	1045591	9.57	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	86	111358	10.8	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	97	610228	10.0	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	93	594109	10.7	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	94	230031	10.9	
116 Naphthalene	128	12.377	12.377	0.0	100	1874568	11.1	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	100	601412	10.0	
S 119 Trihalomethanes, Total	1				0		38.9	
S 120 1,2-Dichloroethene, Total	96				0		19.1	
S 121 1,3-Dichloropropene, Total	75				0		19.6	
S 122 Xylenes, Total	106				0		29.7	

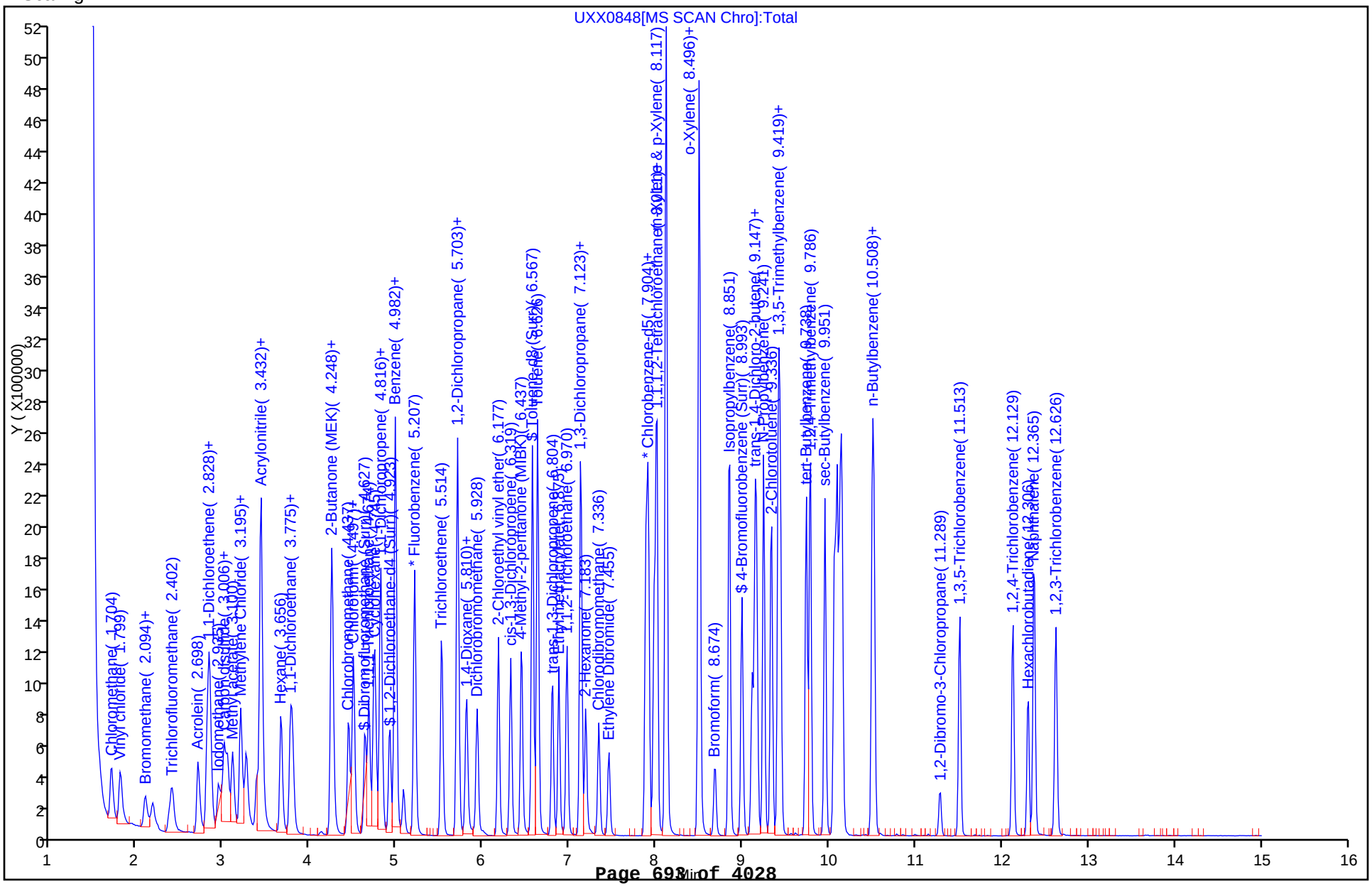
Report Date: 14-Nov-2012 12:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0848.D

Injection Date:	12-Nov-2012 15:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	4
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0849.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 12-Nov-2012 16:17:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014871-005
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64678 Lims Sample ID: 5
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:56 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.207	-0.002	99	1779078	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.003	85	1192390	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	91	639132	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	59	254654	5.23	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.002	0	298265	5.21	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	970714	5.17	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	91	321161	5.17	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	97	177301	5.00	
13 Chloromethane	50	1.702	1.704	-0.002	88	342304	5.01	
14 Vinyl chloride	62	1.796	1.799	-0.003	82	275699	5.09	
16 Bromomethane	94	2.092	2.094	-0.002	89	121597	4.80	
17 Chloroethane	64	2.175	2.177	-0.002	98	124356	4.75	
19 Trichlorofluoromethane	101	2.400	2.390	0.010	93	186904	4.76	
21 Acrolein	56	2.708	2.698	0.010	90	304469	48.3	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	89	214549	4.93	
24 Acetone	43	2.826	2.828	-0.002	81	166058	11.2	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	81	163255	4.95	
26 Iodomethane	142	2.944	2.935	0.009	97	372028	5.02	
27 Carbon disulfide	76	3.003	3.006	-0.003	98	683913	4.95	
28 Acetonitrile	41	3.051	3.053	-0.002	98	284821	50.9	
30 Methyl acetate	43	3.098	3.100	-0.002	95	421663	10.1	
31 Methylene Chloride	84	3.193	3.195	-0.002	86	295754	4.82	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	95	372177	103.5	
33 Acrylonitrile	53	3.382	3.384	-0.002	99	215874	10.4	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	88	777265	5.02	
34 trans-1,2-Dichloroethene	96	3.429	3.432	-0.003	63	267462	5.02	
36 Hexane	86	3.666	3.656	0.010	90	38466	4.52	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	97	451913	4.97	
38 Vinyl acetate	86	3.796	3.798	-0.002	97	44995	4.77	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	70	239039	10.2	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	68	295440	4.98	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	86	258332	4.96	
48 Chlorobromomethane	128	4.447	4.449	-0.002	94	140473	4.88	
49 Tetrahydrofuran	42	4.494	4.485	0.009	86	90634	4.82	
50 Chloroform	83	4.494	4.497	-0.003	94	457349	5.00	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	89	314125	5.01	
52 Cyclohexane	56	4.743	4.745	-0.002	86	340535	4.79	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	94	309947	4.81	
54 Carbon tetrachloride	117	4.826	4.816	0.010	80	251500	4.97	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	52	333387	5.06	
57 Benzene	78	4.979	4.982	-0.003	94	1108291	4.95	
61 Trichloroethene	130	5.524	5.514	0.010	95	267568	4.85	
63 Methylcyclohexane	83	5.701	5.703	-0.002	84	274651	4.69	
64 1,2-Dichloropropane	63	5.701	5.703	-0.002	83	259174	4.99	
66 Dibromomethane	93	5.808	5.798	0.010	88	150074	4.99	
67 1,4-Dioxane	88	5.808	5.810	-0.002	91	137374	231.7	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	99	303148	4.91	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	91	296796	10.1	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	369728	4.85	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	96	458647	10.2	
73 Toluene	91	6.624	6.626	-0.002	98	1132310	5.04	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	89	310855	4.88	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	88	296669	5.07	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	89	235302	5.16	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	91	400610	4.99	
78 Tetrachloroethene	164	7.133	7.135	-0.002	87	202364	4.99	
79 2-Hexanone	43	7.180	7.183	-0.003	95	291062	10.6	
81 Chlorodibromomethane	129	7.334	7.336	-0.002	88	222734	5.04	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	223365	5.06	
85 Chlorobenzene	112	7.914	7.904	0.010	97	720708	5.07	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	83	250128	5.07	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	363350	5.11	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	905853	10.0	
89 o-Xylene	106	8.494	8.496	-0.002	90	452959	5.12	
90 Styrene	104	8.506	8.508	-0.002	92	709345	5.00	
91 Bromoform	173	8.683	8.685	-0.002	98	133051	4.97	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	992795	4.99	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	87	294932	4.95	
96 Bromobenzene	156	9.145	9.147	-0.002	91	293754	4.94	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	74	94024	4.88	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	64	51883	4.37	
99 N-Propylbenzene	120	9.239	9.241	-0.002	98	258545	4.92	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	261247	4.94	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	804267	4.96	
102 4-Chlorotoluene	126	9.440	9.431	0.009	96	283249	5.03	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	89	647284	4.87	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	831957	4.97	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	92	828824	4.89	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	97	515050	4.83	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	97	706275	4.96	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	96	573628	4.99	
110 n-Butylbenzene	91	10.494	10.496	-0.002	95	549686	4.87	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	98	534538	5.01	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	69	47356	4.71	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	97	291118	4.89	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	93	274305	5.06	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	92	110766	4.78	
116 Naphthalene	128	12.375	12.377	-0.002	100	773873	4.68	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	283525	4.84	
S 119 Trihalomethanes, Total	1				0		19.9	
S 120 1,2-Dichloroethene, Total	96				0		10.0	
S 121 1,3-Dichloropropene, Total	75				0		9.73	
S 122 Xylenes, Total	106				0		15.2	

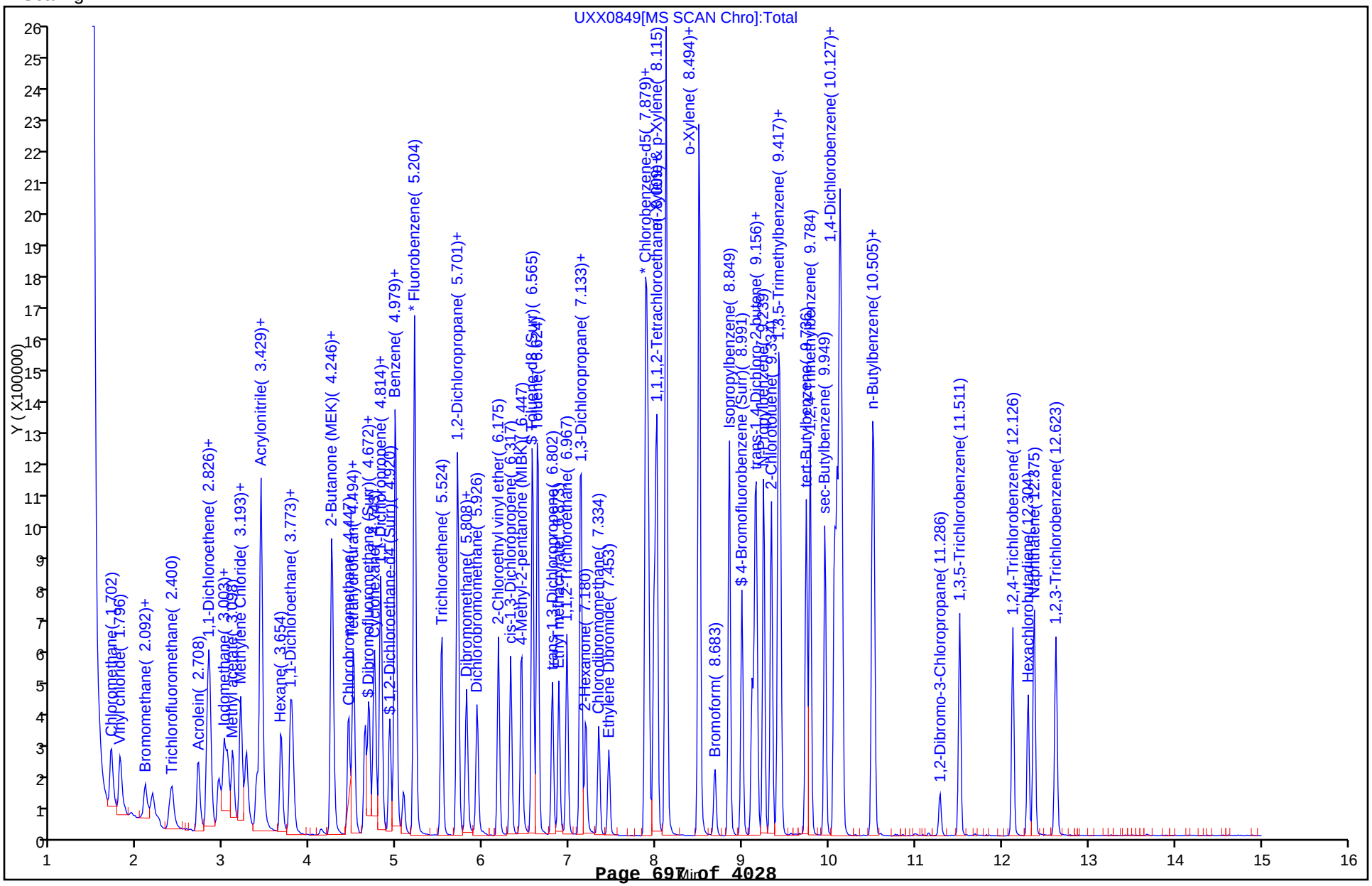
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0849.D

Injection Date:	12-Nov-2012 16:17:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	5
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0850.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 12-Nov-2012 16:40:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014871-006
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 64678 Lims Sample ID: 6
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:57 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.207	-0.001	99	1740672	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.002	83	1184519	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	94	617764	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.627	0.010	55	95558	2.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.923	-0.001	0	115392	2.06	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	359210	1.93	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	87	120897	1.96	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	78	70486	2.03	
13 Chloromethane	50	1.690	1.704	-0.014	98	156281	2.34	
14 Vinyl chloride	62	1.797	1.799	-0.002	91	112499	2.12	
16 Bromomethane	94	2.093	2.094	-0.002	83	56470	2.28	
17 Chloroethane	64	2.175	2.177	-0.002	87	58980	2.30	
19 Trichlorofluoromethane	101	2.388	2.390	-0.002	86	76738	2.00	
21 Acrolein	56	2.696	2.698	-0.002	92	123569	20.0	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	95	84658	1.99	
24 Acetone	43	2.826	2.828	-0.002	88	69478	3.76	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	87	65909	2.04	
26 Iodomethane	142	2.933	2.935	-0.002	96	161277	2.23	
27 Carbon disulfide	76	3.004	3.006	-0.002	96	273875	2.03	
28 Acetonitrile	41	3.051	3.053	-0.002	99	120215	19.9	
30 Methyl acetate	43	3.098	3.100	-0.002	95	172767	4.25	
31 Methylene Chloride	84	3.193	3.195	-0.002	85	132313	2.20	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	95	153465	43.6	
33 Acrylonitrile	53	3.382	3.384	-0.002	96	80637	3.95	
35 Methyl tert-butyl ether	73	3.430	3.432	-0.002	88	305714	2.02	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	62	106452	2.04	
36 Hexane	86	3.654	3.656	-0.002	90	17904	2.15	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	93	183164	2.06	
38 Vinyl acetate	86	3.796	3.798	-0.002	97	16843	1.82	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	61	95911	4.19	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	81	117608	2.03	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	79	104223	2.05	
48 Chlorobromomethane	128	4.447	4.449	-0.002	82	57430	2.04	
49 Tetrahydrofuran	42	4.495	4.485	0.010	80	44131	2.10	
50 Chloroform	83	4.495	4.497	-0.002	90	186053	2.08	
51 1,1,1-Trichloroethane	97	4.684	4.674	0.010	90	125449	2.04	
52 Cyclohexane	56	4.743	4.745	-0.002	88	136757	1.97	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	93	124802	1.98	
54 Carbon tetrachloride	117	4.826	4.816	0.010	80	100798	2.04	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	53	135372	2.10	
57 Benzene	78	4.980	4.982	-0.002	94	443302	2.02	
61 Trichloroethene	130	5.524	5.514	0.010	94	110526	2.05	
63 Methylcyclohexane	83	5.702	5.703	-0.001	83	108692	1.90	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	87	104320	2.05	
66 Dibromomethane	93	5.808	5.798	0.010	88	61839	2.10	
67 1,4-Dioxane	88	5.808	5.810	-0.002	86	60682	108.3	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	96	123061	2.04	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	88	105614	3.66	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	90	144437	1.94	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.437	0.010	94	175491	3.97	
73 Toluene	91	6.624	6.626	-0.002	97	451655	2.02	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	85	121296	1.92	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	84	107493	1.85	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	88	94427	2.09	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	91	165969	2.08	
78 Tetrachloroethene	164	7.133	7.135	-0.002	94	82786	2.05	
79 2-Hexanone	43	7.181	7.183	-0.002	96	107859	3.94	
81 Chlorodibromomethane	129	7.334	7.336	-0.002	87	85958	1.96	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	95	87936	2.00	
85 Chlorobenzene	112	7.914	7.904	0.010	96	280902	1.99	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	82	96510	1.97	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	135894	1.92	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	344119	3.84	
89 o-Xylene	106	8.494	8.496	-0.002	90	168969	1.92	
90 Styrene	104	8.506	8.508	-0.002	91	258133	1.83	
91 Bromoform	173	8.683	8.685	-0.002	96	50285	1.89	
92 Isopropylbenzene	105	8.849	8.851	-0.002	93	376054	1.90	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	95	119752	2.08	
96 Bromobenzene	156	9.145	9.147	-0.002	91	114972	2.00	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	66	40695	2.19	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	57	17898	1.89	
99 N-Propylbenzene	120	9.240	9.241	-0.001	97	101816	2.00	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	105949	2.07	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	297581	1.90	
102 4-Chlorotoluene	126	9.441	9.431	0.010	96	113179	2.08	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	89	247676	1.93	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	316517	1.95	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	89	315856	1.93	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	93	218816	2.12	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	96	267048	1.94	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	89	236109	2.13	
110 n-Butylbenzene	91	10.494	10.496	-0.002	97	212137	1.95	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	98	220774	2.14	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.002	60	21622	2.23	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	95	130259	2.27	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	90	119798	2.29	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	91	51657	2.05	
116 Naphthalene	128	12.375	12.377	-0.002	100	334220	2.09	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	98	128490	2.27	
S 119 Trihalomethanes, Total	1				0		7.97	
S 120 1,2-Dichloroethene, Total	96				0		4.07	
S 121 1,3-Dichloropropene, Total	75				0		3.86	
S 122 Xylenes, Total	106				0		5.76	

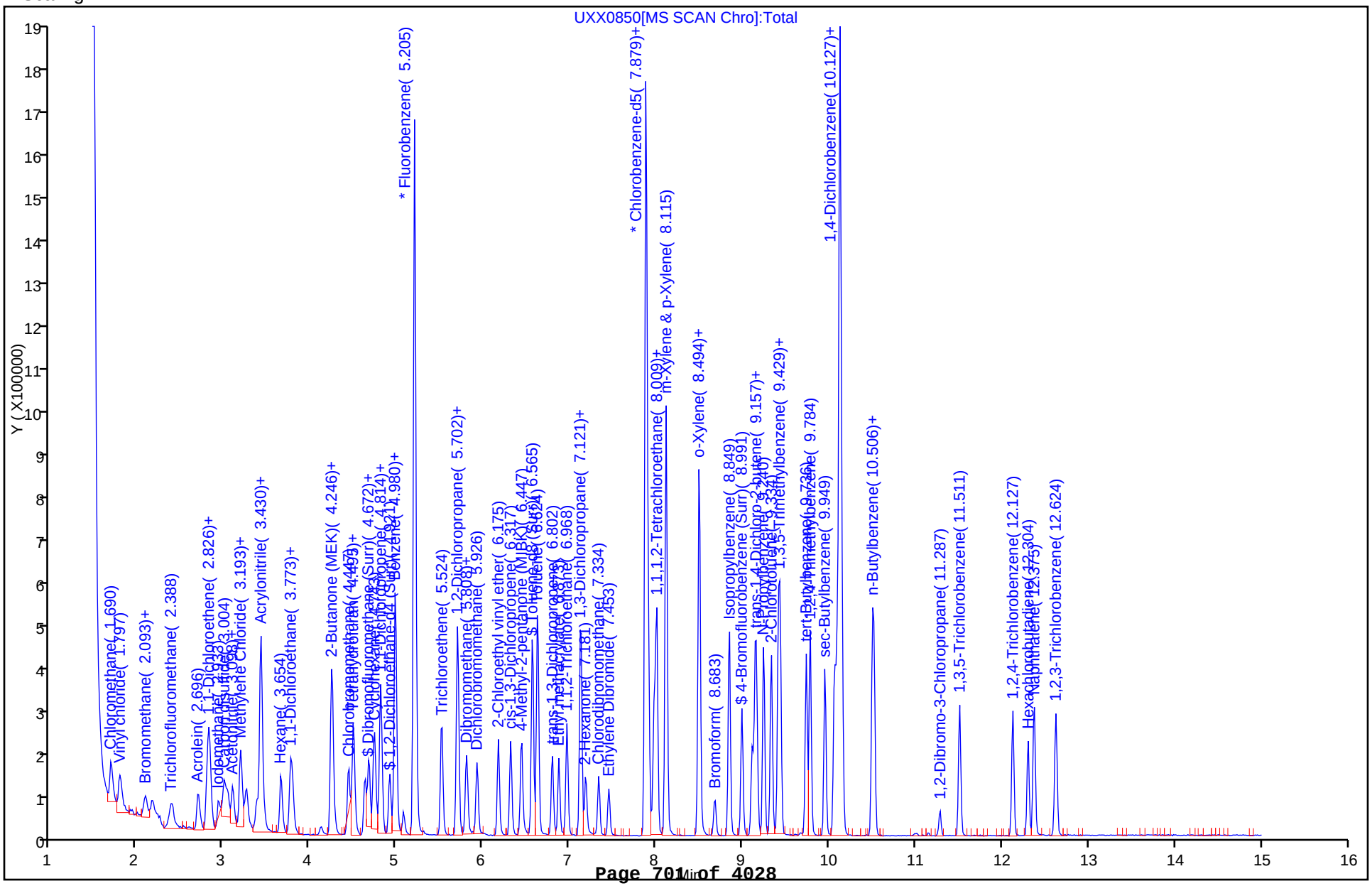
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0850.D

Injection Date:	12-Nov-2012 16:40:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0851.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 12-Nov-2012 17:02:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014871-007
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 64678 Lims Sample ID: 7
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:58 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.001	99	1743563	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1165603	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	93	596320	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	51	47796	1.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.001	0	55605	0.99	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	91	176027	0.9595	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	83	58658	0.9668	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	67	34671	1.00	
13 Chloromethane	50	1.704	1.704	0.0	96	77442	1.16	
14 Vinyl chloride	62	1.799	1.799	0.0	85	54815	1.03	
16 Bromomethane	94	2.094	2.094	0.0	81	28264	1.14	
17 Chloroethane	64	2.177	2.177	0.0	59	28099	1.10	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	78	38147	0.99	
21 Acrolein	56	2.710	2.698	0.012	88	65268	10.6	
23 1,1-Dichloroethene	96	2.804	2.816	-0.012	92	44690	1.05	
24 Acetone	43	2.828	2.828	0.0	86	44960	1.78	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	71	31497	0.9748	
26 Iodomethane	142	2.946	2.935	0.011	95	76830	1.06	
27 Carbon disulfide	76	3.006	3.006	0.0	97	136745	1.01	
28 Acetonitrile	41	3.053	3.053	0.0	99	65625	9.44	
30 Methyl acetate	43	3.100	3.100	0.0	94	89933	2.21	
31 Methylene Chloride	84	3.195	3.195	0.0	86	72627	1.21	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	99	80525	22.8	
33 Acrylonitrile	53	3.384	3.384	0.0	93	42638	2.09	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	90	153912	1.01	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	63	52663	1.01	
36 Hexane	86	3.668	3.656	0.012	86	7645	0.9167	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	84	94279	1.06	
38 Vinyl acetate	86	3.798	3.798	0.0	94	8334	0.9014	
42 2-Butanone (MEK)	43	4.248	4.236	0.012	66	51121	2.23	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	77	59877	1.03	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.260	4.260	0.0	69	52041	1.02	
48 Chlorobromomethane	128	4.449	4.449	0.0	72	30419	1.08	
49 Tetrahydrofuran	42	4.497	4.485	0.012	75	28303	1.15	
50 Chloroform	83	4.497	4.497	0.0	86	93846	1.05	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	85	59884	0.9739	
52 Cyclohexane	56	4.745	4.745	0.0	86	68421	0.9820	
53 1,1-Dichloropropene	75	4.816	4.804	0.012	91	63924	1.01	
54 Carbon tetrachloride	117	4.816	4.816	0.0	82	48821	0.9843	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	65431	1.01	
57 Benzene	78	4.982	4.982	0.0	94	233228	1.06	
61 Trichloroethene	130	5.526	5.514	0.012	87	57861	1.07	
63 Methylcyclohexane	83	5.704	5.703	0.001	82	53144	0.9253	
64 1,2-Dichloropropane	63	5.704	5.703	0.001	82	51313	1.01	
66 Dibromomethane	93	5.810	5.798	0.012	85	29978	1.02	
67 1,4-Dioxane	88	5.810	5.810	0.0	44	27535	55.1	
68 Dichlorobromomethane	83	5.928	5.928	0.0	94	57623	0.9530	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	82	50671	1.75	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	83	66977	0.8973	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	92	87243	1.97	
73 Toluene	91	6.626	6.626	0.0	97	217546	0.9898	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	87	56453	0.9066	
75 Ethyl methacrylate	69	6.875	6.875	0.0	84	48665	0.8506	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	84	46213	1.04	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	87	81372	1.04	
78 Tetrachloroethene	164	7.135	7.135	0.0	85	41923	1.06	
79 2-Hexanone	43	7.183	7.183	0.0	91	49559	1.84	
81 Chlorodibromomethane	129	7.336	7.336	0.0	82	38720	0.8960	
83 Ethylene Dibromide	107	7.455	7.455	0.0	78	44106	1.02	
85 Chlorobenzene	112	7.904	7.904	0.0	92	142728	1.03	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	77	49287	1.02	
87 Ethylbenzene	106	8.011	8.011	0.0	96	63081	0.9074	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	162535	1.84	
89 o-Xylene	106	8.496	8.496	0.0	90	79587	0.9203	
90 Styrene	104	8.496	8.508	-0.012	89	117552	0.8470	
91 Bromoform	173	8.685	8.685	0.0	85	23746	0.9078	
92 Isopropylbenzene	105	8.851	8.851	0.0	93	175027	0.9008	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	85	59590	1.07	
96 Bromobenzene	156	9.147	9.147	0.0	88	54065	0.9739	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	65	18732	1.04	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.170	0.0	51	9151	1.24	
99 N-Propylbenzene	120	9.242	9.241	0.001	94	44296	0.9031	
100 2-Chlorotoluene	126	9.336	9.336	0.0	96	47028	0.9540	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	90	137475	0.9094	
102 4-Chlorotoluene	126	9.431	9.431	0.0	96	49320	0.9390	
103 tert-Butylbenzene	119	9.738	9.738	0.0	78	108234	0.8720	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	89	138495	0.8860	
105 sec-Butylbenzene	105	9.951	9.951	0.0	85	148343	0.9380	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	94	105483	1.06	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	93	114936	0.8647	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	90	114122	1.06	
110 n-Butylbenzene	91	10.496	10.496	0.0	93	95124	0.9040	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	93	103573	1.04	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	37	9302	0.99	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	89	60345	1.09	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	79	52456	1.04	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	82	24195	0.8043	
116 Naphthalene	128	12.365	12.377	-0.012	99	138144	0.8961	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	94	57614	1.05	
S 119 Trihalomethanes, Total	1				0		3.80	
S 120 1,2-Dichloroethene, Total	96				0		2.04	
S 121 1,3-Dichloropropene, Total	75				0		1.80	
S 122 Xylenes, Total	106				0		2.76	

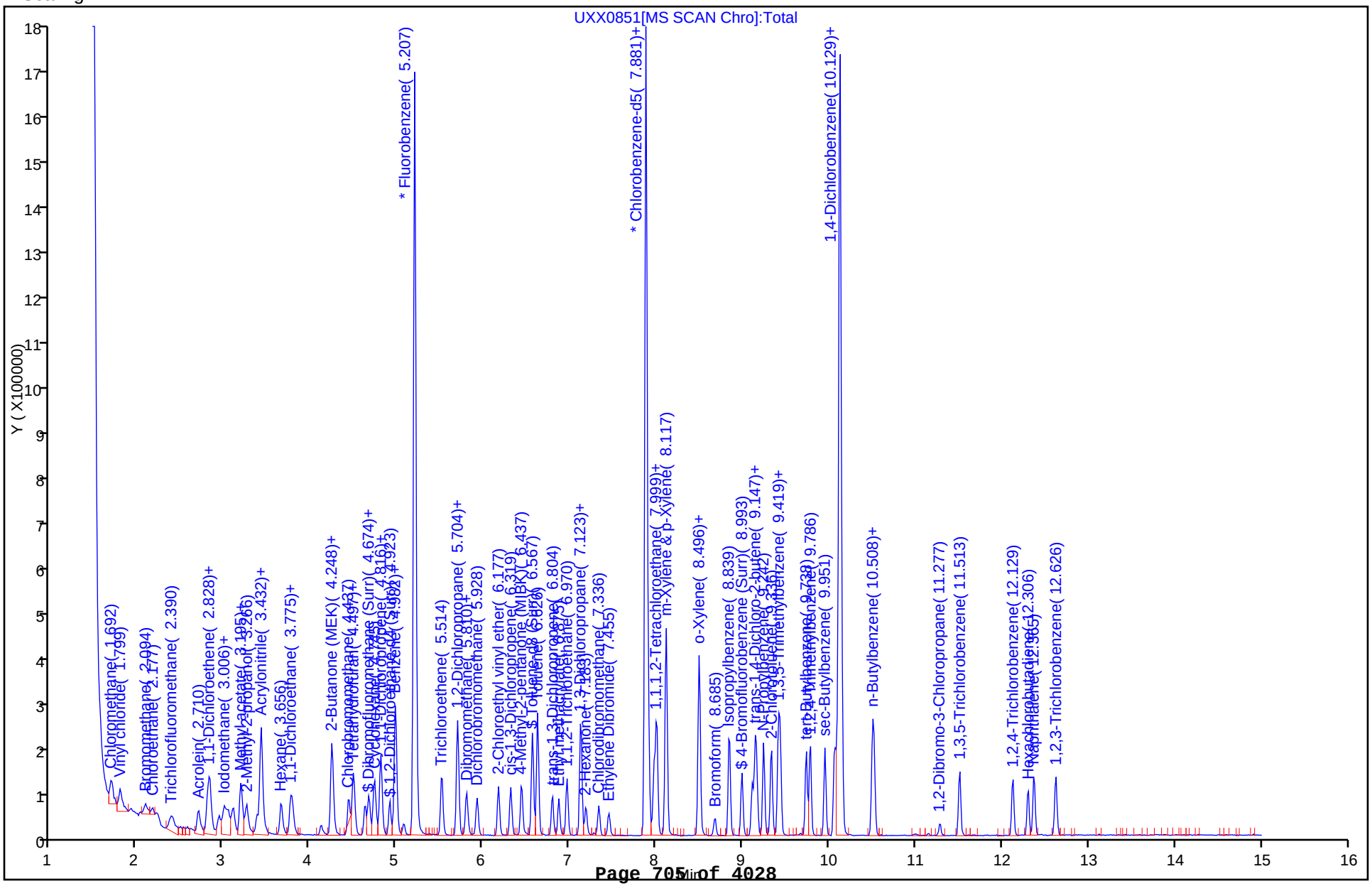
Report Date: 14-Nov-2012 12:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0851.D

Injection Date:	12-Nov-2012 17:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	7
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-64678/13	UXX0857.D
Level 2	STDA9 240-64678/12	UXX0856.D
Level 3	STDA9 240-64678/11	UXX0855.D
Level 4	STDA9 240-64678/10	UXX0854.D
Level 5	STDA9 240-64678/9	UXX0853.D
Level 6	STDA9 240-64678/8	UXX0852.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorofluoromethane	0.4820 0.3960	0.4881	0.4094	0.3861	0.4061	Ave		0.4280				11.0		15.0			
Ethyl ether	0.2464 0.2460	0.2704	0.2574	0.2436	0.2508	Ave		0.2524				4.0		15.0			
3-Chloro-1-propene	0.1463 0.1615	0.1640	0.1489	0.1462	0.1583	Ave		0.1542				5.2		15.0			
Isopropyl ether	0.2734 0.3044	0.2919	0.2900	0.2782	0.2967	Ave		0.2891				4.0		15.0			
2-Chloro-1,3-butadiene	0.3936 0.4156	0.4157	0.4169	0.3934	0.4171	Ave		0.4087				2.9		15.0			
Tert-butyl ethyl ether	0.8271 0.8941	0.8690	0.8655	0.8307	0.8866	Ave		0.8622				3.2		15.0			
Propionitrile	0.0372 0.0424	0.0411	0.0402	0.0409	0.0400	Ave		0.0403				4.3		15.0			
Ethyl acetate	0.2670 0.2681	0.2539	0.2565	0.2522	0.2647	Ave		0.2604				2.7		15.0			
Methacrylonitrile	0.1718 0.1761	0.1669	0.1710	0.1707	0.1769	Ave		0.1722				2.2		15.0			
Isobutyl alcohol	0.0121 0.0124	0.0145	0.0139	0.0132	0.0132	Ave		0.0132				6.7		15.0			
Tert-amyl methyl ether	0.7160 0.8471	0.7448	0.7861	0.7709	0.8222	Ave		0.7812				6.2		15.0			
n-Heptane	0.0413 0.0405	0.0433	0.0442	0.0415	0.0432	Ave		0.0424				3.4		15.0			
n-Butanol	0.0097 0.0108	0.0112	0.0112	0.0118	0.0124	Ave		0.0112				8.2		15.0			
Methyl methacrylate	0.1958 0.2339	0.1965	0.2057	0.2090	0.2260	Ave		0.2112				7.4		15.0			
2-Nitropropane	0.0431 0.0564	0.0461	0.0467	0.0460	0.0529	Ave		0.0485				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.1010 0.0958	0.1154	0.1132	0.1208	0.1173	Ave		0.1106				8.9		15.0			
1,2,3-Trimethylbenzene	2.2775 3.0396	2.5201	2.7349	2.7663	3.1094	Ave		2.7413				11.0		15.0			
2-Methylnaphthalene	1.1719 +++++	1.5195	1.5032	1.4987	1.2007	Ave		1.3788				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-64678/13	UXX0857.D
Level 2	STDA9 240-64678/12	UXX0856.D
Level 3	STDA9 240-64678/11	UXX0855.D
Level 4	STDA9 240-64678/10	UXX0854.D
Level 5	STDA9 240-64678/9	UXX0853.D
Level 6	STDA9 240-64678/8	UXX0852.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorofluoromethane	FB	Ave	80460 2850971	164725	356024	712254	1482330	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	41138 1771077	91256	223860	449359	915505	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	24425 1162812	55345	129440	269645	577928	1.00 40.0	2.00	5.00	10.0	20.0
Isopropyl ether	FB	Ave	228181 10955114	492531	1260700	2565660	5414567	5.00 200	10.0	25.0	50.0	100
2-Chloro-1,3-butadiene	FB	Ave	65705 2991997	140291	362511	725705	1522542	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	138066 6436168	293270	752623	1532406	3236247	1.00 40.0	2.00	5.00	10.0	20.0
Propionitrile	FB	Ave	12432 610118	27715	69934	150931	292320	2.00 80.0	4.00	10.0	20.0	40.0
Ethyl acetate	FB	Ave	89127 3860208	171365	446141	930357	1932724	2.00 80.0	4.00	10.0	20.0	40.0
Methacrylonitrile	FB	Ave	28684 1267693	56328	148682	314882	645704	1.00 40.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	CBZ	Ave	26069 1171509	63194	159758	320091	622869	20.0 800	40.0	100	200	400
Tert-amyl methyl ether	FB	Ave	119519 6097885	251377	683604	1421979	3001391	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	6900 291851	14617	38476	76535	157782	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	20848 1022178	48741	128789	285095	583521	20.0 800	40.0	100	200	400
Methyl methacrylate	FB	Ave	32693 1684004	66318	178849	385468	825080	1.00 40.0	2.00	5.00	10.0	20.0
2-Nitropropane	FB	Ave	14400 811606	31128	81277	169611	386536	2.00 80.0	4.00	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	53736 2293716	128051	322361	730245	1427988	10.0 400	20.0	50.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCB	Ave	121230 7276258	279664	779019	1672368	3786861	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	124754 +++++	337237	856345	1812094	2924495	2.00 +++++	4.00	10.0	20.0	40.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0852.D		
Lims ID:	STDA9 L6	Client ID:	
Inject. Date:	12-Nov-2012 17:24:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014871-008		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	64678	Lims Sample ID:	8
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:59	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 08:45:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.207	-0.002	98	1799703	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.881	-0.003	84	1178574	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	93	598446	10.0	
18 Dichlorofluoromethane	67	2.328	2.329	-0.001	98	2850971	37.0	
20 Ethyl ether	59	2.600	2.601	-0.001	88	1771077	39.0	
29 3-Chloro-1-propene	76	3.097	3.098	-0.001	94	1162812	41.9	
39 Isopropyl ether	87	3.819	3.820	-0.001	78	10955114	210.6	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	81	2991997	40.7	
41 Tert-butyl ethyl ether	59	4.115	4.127	-0.012	97	6436168	41.5	
45 Propionitrile	54	4.281	4.281	0.0	97	610118	84.1	
46 Ethyl acetate	43	4.281	4.293	-0.012	99	3860208	82.4	
47 Methacrylonitrile	41	4.411	4.411	0.0	92	1267693	40.9	
55 Isobutyl alcohol	41	4.849	4.849	0.0	95	1171509	752.3	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	99	6097885	43.4	
59 n-Heptane	100	5.192	5.192	0.0	94	291851	38.3	
60 n-Butanol	56	5.405	5.405	0.0	87	1022178	776.8	
65 Methyl methacrylate	41	5.783	5.784	-0.001	89	1684004	44.3	
69 2-Nitropropane	41	6.115	6.115	0.0	97	811606	92.9	
80 n-Butyl acetate	56	7.298	7.299	-0.001	97	2510793	0	
94 Cyclohexanone	55	8.931	8.932	-0.001	90	2293716	346.7	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	98	7276258	44.4	
118 2-Methylnaphthalene	142	13.676	13.677	-0.001	100	2458220	29.8	

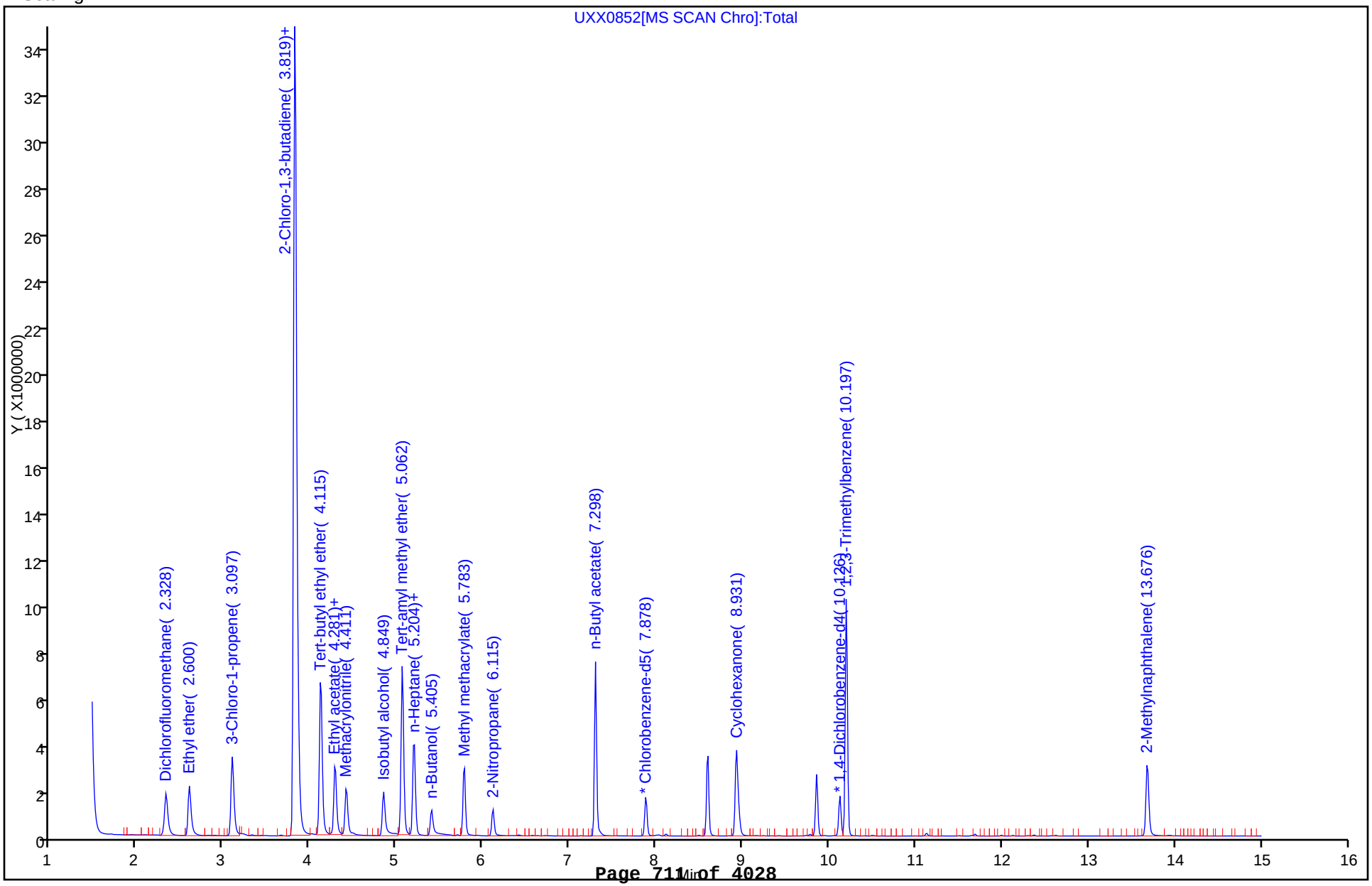
Report Date: 14-Nov-2012 12:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0852.D

Injection Date:	12-Nov-2012 17:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	8
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0853.D		
Lims ID:	STDA9 L5	Client ID:	
Inject. Date:	12-Nov-2012 17:46:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014871-009		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	8
Lims Batch ID:	64678	Lims Sample ID:	9
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:00	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.001	98	1825158	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	82	1180628	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.130	10.129	0.001	93	608930	10.0	
18 Dichlorofluoromethane	67	2.332	2.329	0.003	83	1482330	19.0	
20 Ethyl ether	59	2.604	2.601	0.003	88	915505	19.9	
29 3-Chloro-1-propene	76	3.101	3.098	0.003	92	577928	20.5	
39 Isopropyl ether	87	3.823	3.820	0.003	96	5414567	102.6	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	86	1522542	20.4	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	97	3236247	20.6	
45 Propionitrile	54	4.284	4.281	0.003	99	292320	39.7	
46 Ethyl acetate	43	4.284	4.293	-0.009	99	1932724	40.7	
47 Methacrylonitrile	41	4.414	4.411	0.003	92	645704	20.5	
55 Isobutyl alcohol	41	4.840	4.849	-0.009	94	622869	399.3	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	98	3001391	21.1	
59 n-Heptane	100	5.195	5.192	0.003	91	157782	20.4	
60 n-Butanol	56	5.396	5.405	-0.009	89	583521	442.7	
65 Methyl methacrylate	41	5.775	5.784	-0.009	90	825080	21.4	
69 2-Nitropropane	41	6.106	6.115	-0.009	98	386536	43.6	
80 n-Butyl acetate	56	7.302	7.299	0.003	97	1224701	0	
94 Cyclohexanone	55	8.923	8.932	-0.009	91	1427988	212.1	
109 1,2,3-Trimethylbenzene	105	10.201	10.198	0.003	98	3786861	22.7	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	100	2924495	34.8	

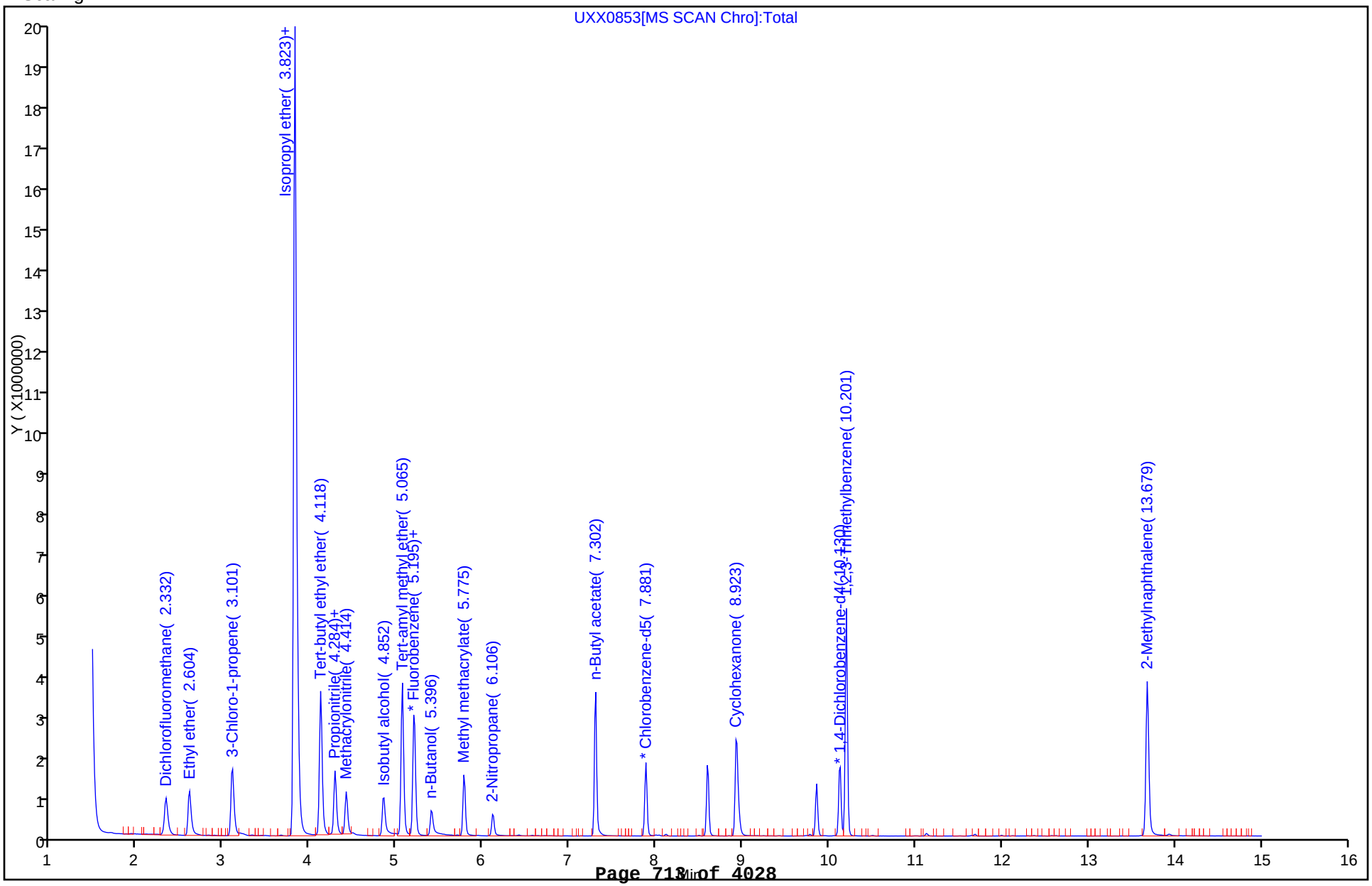
Report Date: 14-Nov-2012 12:23:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0853.D

Injection Date:	12-Nov-2012 17:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0854.D		
Lims ID:	STDA9 L4	Client ID:	
Inject. Date:	12-Nov-2012 18:09:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014871-010		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	64678	Lims Sample ID:	10
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:00	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	98	1844671	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	84	1211006	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	93	604557	10.0	
18 Dichlorofluoromethane	67	2.329	2.329	0.0	97	712254	9.02	
20 Ethyl ether	59	2.601	2.601	0.0	89	449359	9.65	
29 3-Chloro-1-propene	76	3.098	3.098	0.0	92	269645	9.48	
39 Isopropyl ether	87	3.820	3.820	0.0	95	2565660	48.1	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	74	725705	9.63	
41 Tert-butyl ethyl ether	59	4.127	4.127	0.0	97	1532406	9.64	
45 Propionitrile	54	4.281	4.281	0.0	95	150931	20.3	
46 Ethyl acetate	43	4.293	4.293	0.0	99	930357	19.4	
47 Methacrylonitrile	41	4.411	4.411	0.0	91	314882	9.91	
55 Isobutyl alcohol	41	4.849	4.849	0.0	94	320091	200.1	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	98	1421979	9.87	
59 n-Heptane	100	5.192	5.192	0.0	90	76535	9.80	
60 n-Butanol	56	5.405	5.405	0.0	87	285095	210.9	
65 Methyl methacrylate	41	5.784	5.784	0.0	89	385468	9.90	
69 2-Nitropropane	41	6.115	6.115	0.0	97	169611	18.9	
80 n-Butyl acetate	56	7.299	7.299	0.0	97	558077	0	
94 Cyclohexanone	55	8.932	8.932	0.0	90	730245	109.2	
109 1,2,3-Trimethylbenzene	105	10.198	10.198	0.0	98	1672368	10.1	
118 2-Methylnaphthalene	142	13.677	13.677	0.0	100	1812094	21.7	

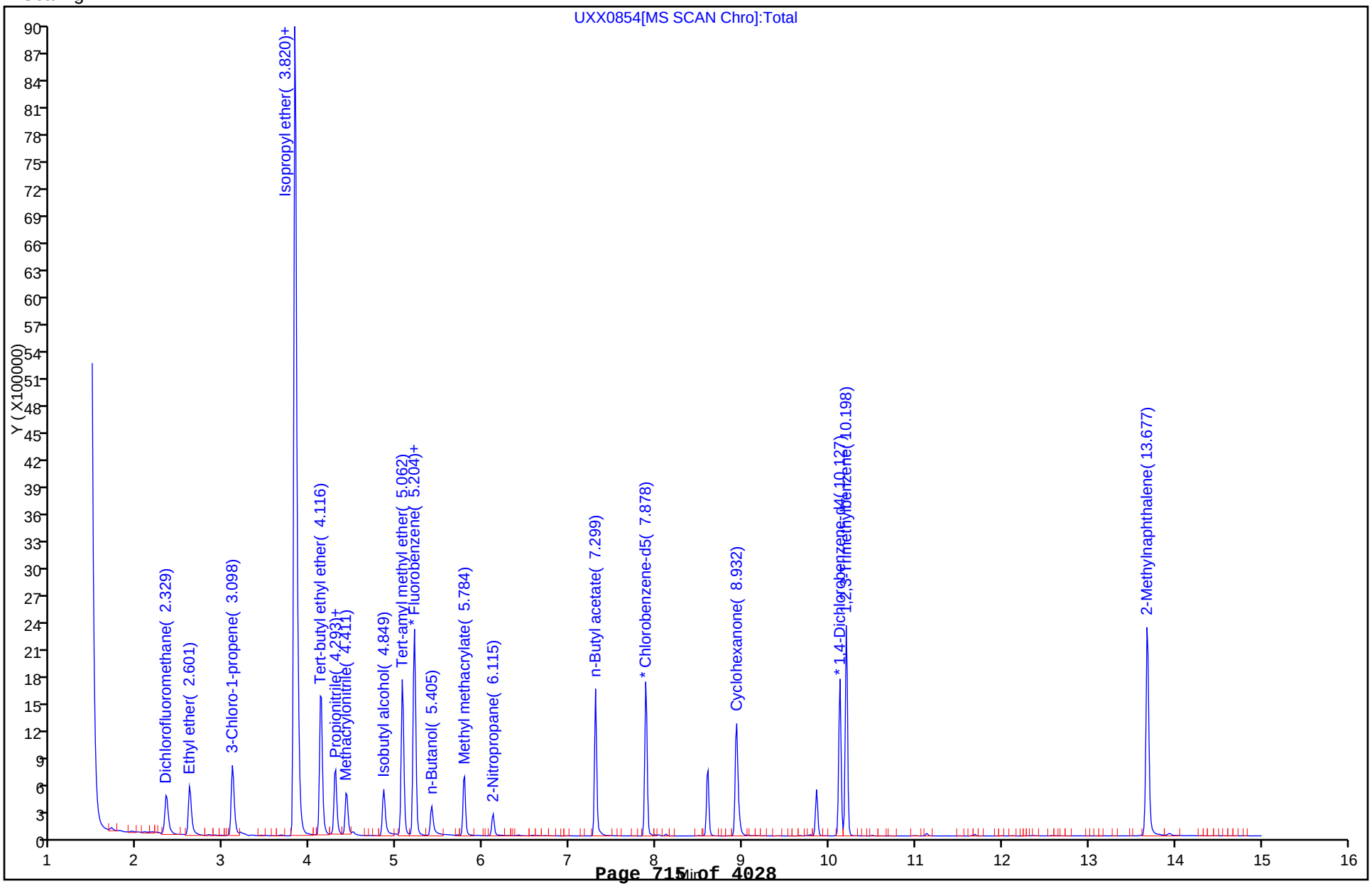
Report Date: 14-Nov-2012 12:23:01 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0854.D

Injection Date:	12-Nov-2012 18:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	10
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0855.D
Lims ID: STDA9 L3 Client ID:
Inject. Date: 12-Nov-2012 18:31:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014871-011
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 10
Lims Batch ID: 64678 Lims Sample ID: 11
Sublist: chrom-8260_10*sub2
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:01 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	98	1739128	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1150642	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	94	569678	10.0	
18 Dichlorofluoromethane	67	2.328	2.329	-0.001	82	356024	4.78	
20 Ethyl ether	59	2.601	2.601	0.0	88	223860	5.10	
29 3-Chloro-1-propene	76	3.098	3.098	0.0	91	129440	4.83	
39 Isopropyl ether	87	3.819	3.820	-0.001	94	1260700	25.1	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	89	362511	5.10	
41 Tert-butyl ethyl ether	59	4.115	4.127	-0.012	97	752623	5.02	
45 Propionitrile	54	4.281	4.281	0.0	39	69934	9.98	
46 Ethyl acetate	43	4.293	4.293	0.0	99	446141	9.85	
47 Methacrylonitrile	41	4.411	4.411	0.0	90	148682	4.96	
55 Isobutyl alcohol	41	4.849	4.849	0.0	92	159758	105.1	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	97	683604	5.03	
59 n-Heptane	100	5.192	5.192	0.0	86	38476	5.22	
60 n-Butanol	56	5.405	5.405	0.0	90	128789	100.2	
65 Methyl methacrylate	41	5.772	5.784	-0.012	89	178849	4.87	
69 2-Nitropropane	41	6.115	6.115	0.0	99	81277	9.63	
80 n-Butyl acetate	56	7.298	7.299	-0.001	97	256809	0	
94 Cyclohexanone	55	8.931	8.932	-0.001	90	322361	51.2	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	98	779019	4.99	
118 2-Methylnaphthalene	142	13.688	13.677	0.011	100	856345	10.9	

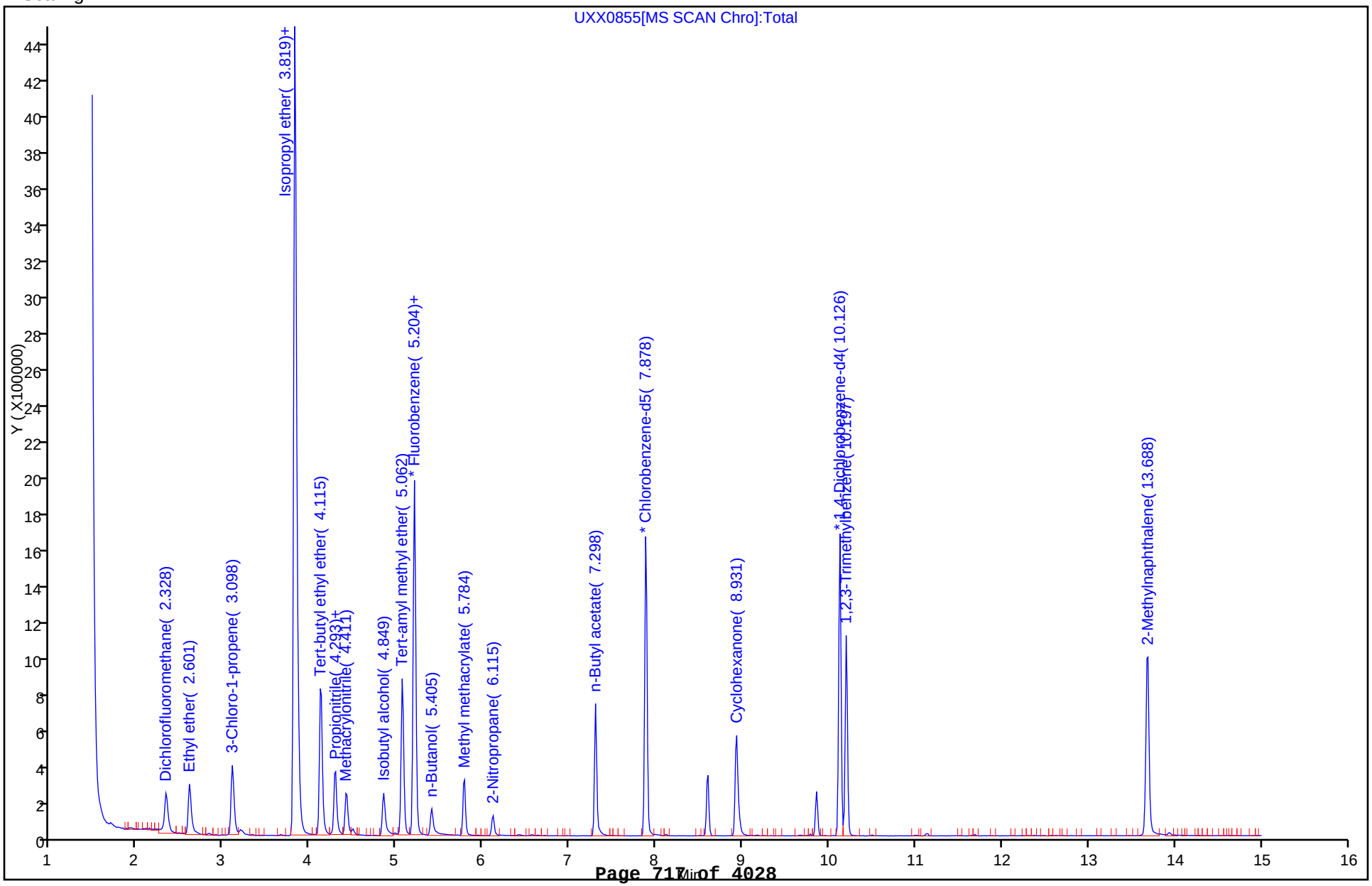
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0855.D

Injection Date:	12-Nov-2012 18:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0856.D		
Lims ID:	STDA9 L2	Client ID:	
Inject. Date:	12-Nov-2012 18:53:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014871-012		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	64678	Lims Sample ID:	12
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:02	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	1687438	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	84	1091451	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	93	554865	10.0	
18 Dichlorofluoromethane	67	2.331	2.329	0.002	95	164725	2.28	
20 Ethyl ether	59	2.604	2.601	0.003	87	91256	2.14	
29 3-Chloro-1-propene	76	3.101	3.098	0.003	90	55345	2.13	
39 Isopropyl ether	87	3.822	3.820	0.002	94	492531	10.1	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	83	140291	2.03	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	95	293270	2.02	
45 Propionitrile	54	4.284	4.281	0.003	34	27715	4.07	
46 Ethyl acetate	43	4.284	4.293	-0.009	98	171365	3.90	
47 Methacrylonitrile	41	4.414	4.411	0.003	88	56328	1.94	
55 Isobutyl alcohol	41	4.852	4.849	0.003	91	63194	43.8	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	96	251377	1.91	
59 n-Heptane	100	5.195	5.192	0.003	87	14617	2.05	
60 n-Butanol	56	5.408	5.405	0.003	90	48741	40.0	
65 Methyl methacrylate	41	5.775	5.784	-0.009	92	66318	1.86	
69 2-Nitropropane	41	6.106	6.115	-0.009	95	31128	3.80	
80 n-Butyl acetate	56	7.301	7.299	0.002	96	86946	0	
94 Cyclohexanone	55	8.922	8.932	-0.010	91	128051	20.9	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	96	279664	1.84	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	100	337237	4.41	

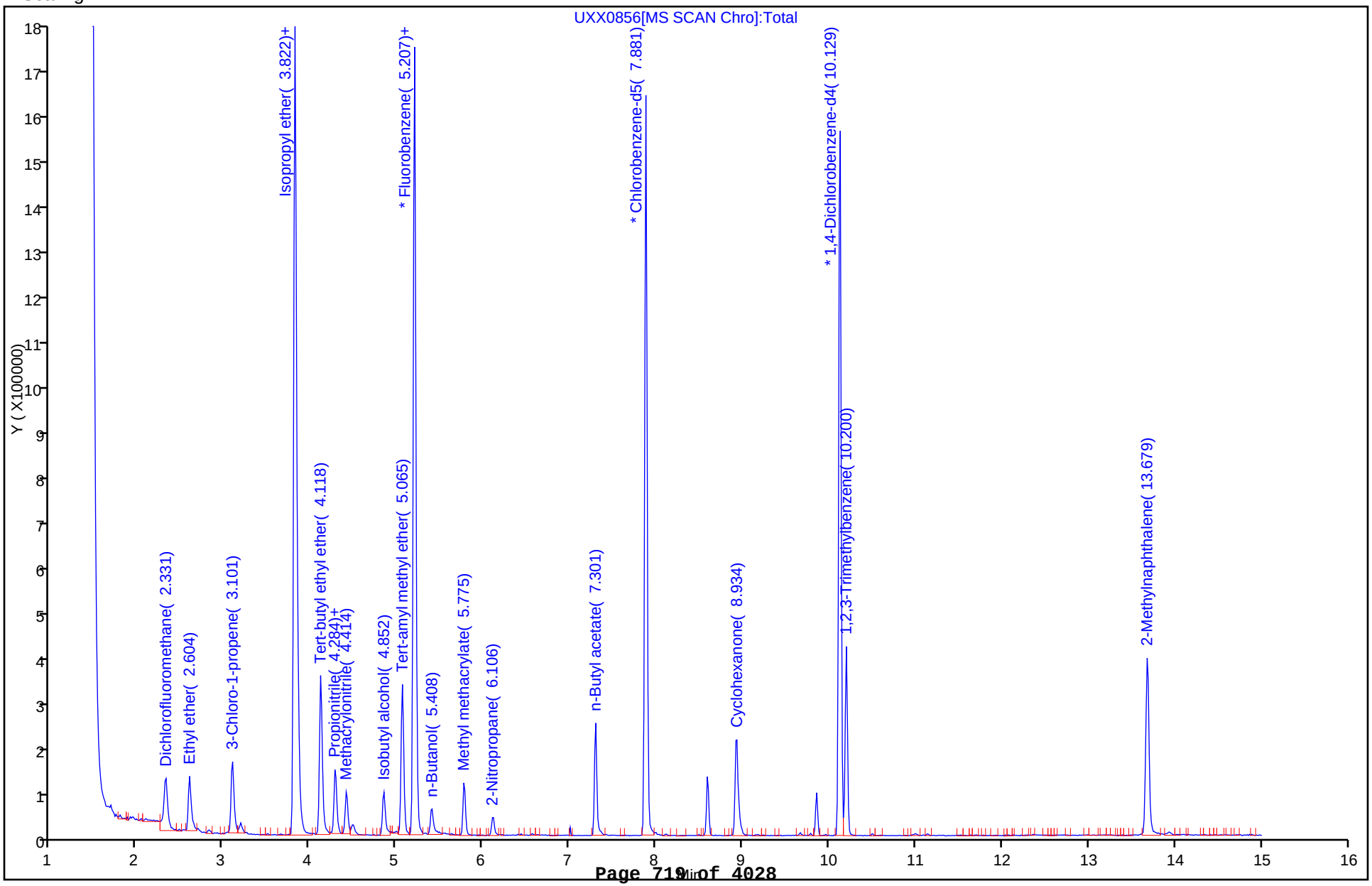
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0856.D

Injection Date:	12-Nov-2012 18:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Lims ID:	STDA9 L1	Client ID:	
Inject. Date:	12-Nov-2012 19:16:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014871-013		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	64678	Lims Sample ID:	13
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:03	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 08:55:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	1669342	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	85	1078623	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	93	532286	10.0	
18 Dichlorofluoromethane	67	2.331	2.329	0.002	85	80460	1.13	
20 Ethyl ether	59	2.604	2.601	0.003	85	41138	0.9762	
29 3-Chloro-1-propene	76	3.100	3.098	0.002	87	24425	0.9489	
39 Isopropyl ether	87	3.822	3.820	0.002	93	228181	4.73	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	76	65705	0.9630	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	96	138066	0.9593	
45 Propionitrile	54	4.284	4.281	0.003	26	12432	1.85	
46 Ethyl acetate	43	4.284	4.293	-0.009	94	89127	2.05	
47 Methacrylonitrile	41	4.414	4.411	0.003	81	28684	1.00	
55 Isobutyl alcohol	41	4.852	4.849	0.003	77	26069	18.3	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	95	119519	0.9165	
59 n-Heptane	100	5.195	5.192	0.003	74	6900	0.9758	
60 n-Butanol	56	5.408	5.405	0.003	74	20848	17.3	
65 Methyl methacrylate	41	5.775	5.784	-0.009	81	32693	0.9275	
69 2-Nitropropane	41	6.106	6.115	-0.009	88	14400	1.78	
80 n-Butyl acetate	56	7.301	7.299	0.002	97	39843	0	
94 Cyclohexanone	55	8.922	8.932	-0.010	88	53736	9.13	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	87	121230	0.8308	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	97	124754	1.70	

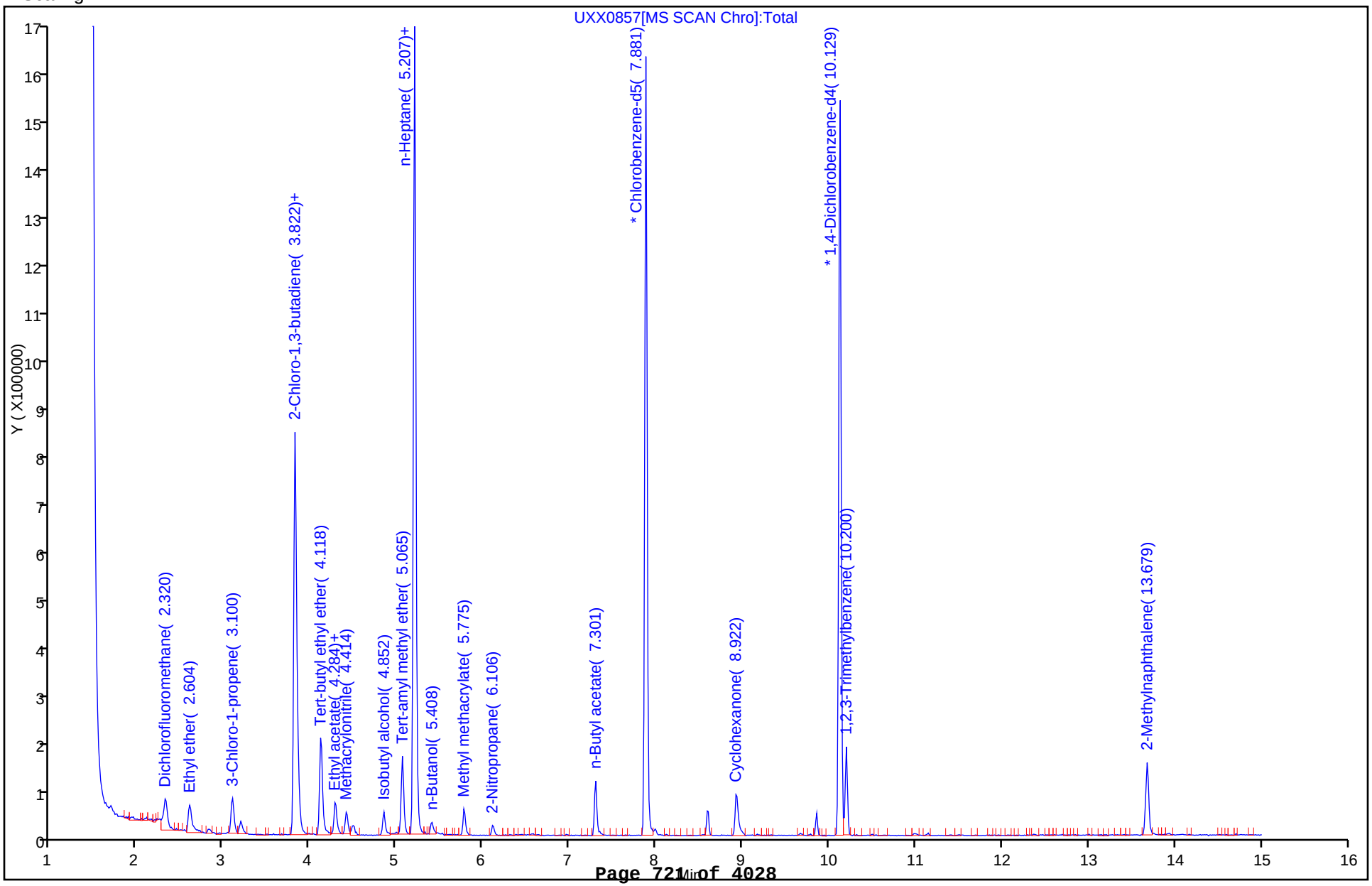
Report Date: 14-Nov-2012 12:23:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D

Injection Date:	12-Nov-2012 19:16:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	13
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-64859/11	149113.D
Level 2	IC 240-64859/10	149112.D
Level 3	IC 240-64859/9	149111.D
Level 4	IC 240-64859/8	149110.D
Level 5	IC 240-64859/7	149109.D
Level 6	ICIS 240-64859/6	149108.D
Level 7	IC 240-64859/5	149107.D
Level 8	IC 240-64859/4	149106.D
Level 9	IC 240-64859/3	149105.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2643 0.2963	0.2696 0.2725	0.3188 0.2747	0.3039 0.2805	0.3062	Ave		0.2874			0.1000	6.7		15.0			
Chloromethane	0.5151 0.4987	0.5092 0.4608	0.5197 0.4575	0.4982 0.4342	0.5151	Ave		0.4898			0.1000	6.3		15.0			
Vinyl chloride	0.3470 0.4029	0.3624 0.3742	0.4232 0.3781	0.3960 0.3605	0.4121	Ave		0.3840			0.1000	6.7		15.0			
Bromomethane	0.2150 0.1323	0.1540 0.1193	0.1584 0.1195	0.1486 0.1230	0.1439	Lin1	0.1143	0.1220			0.0500				0.9980		0.9950
Chloroethane	0.2238 0.2231	0.2209 0.2070	0.2420 0.1992	0.2311 0.2090	0.2304	Ave		0.2207				6.1		15.0			
Trichlorofluoromethane	0.2971 0.3881	0.3069 0.3744	0.3801 0.3819	0.3858 0.3858	0.3986	Ave		0.3665			0.1000	10.0		15.0			
Acrolein	0.0365 0.0339	0.0355 0.0317	0.0362 0.0323	0.0325 0.0321	0.0349	Ave		0.0339				5.6		15.0			
1,1-Dichloroethene	0.2662 0.3121	0.2650 0.2891	0.2919 0.2871	0.2896 0.2804	0.3055	Ave		0.2874			0.1000	5.5		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2199 0.2953	0.2615 0.2744	0.2932 0.2692	0.2814 0.2718	0.3036	Ave		0.2745			0.0500	9.0		15.0			
Acetone	0.2658 0.0843	0.2060 0.0735	0.1146 0.0727	0.0921 0.0672	0.0936	Lin1	0.4626	0.0703			0.0500				0.9950		0.9950
Iodomethane	0.4580 0.5387	0.4918 0.5078	0.5276 0.4993	0.5228 0.5027	0.5585	Ave		0.5119				5.7		15.0			
Carbon disulfide	0.4728 0.8390	0.5096 0.8405	0.6174 0.8597	0.6484 0.8663	0.7467	Lin1	-0.695	0.8570			0.1000				0.9990		0.9950
Acetonitrile	0.0330 0.0306	0.0376 0.0274	0.0337 0.0273	0.0321 0.0266	0.0325	Ave		0.0312				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Methyl acetate	0.2476 0.1987	0.2196 0.1856	0.2141 0.1874	0.1902 0.1903	0.2086	Ave		0.2047			0.1000	9.9		15.0			
Methylene Chloride	1.9333 0.3404	1.2118 0.3051	0.6816 0.2890	0.4653 0.2853	0.4040	Lin1	1.7790	0.2839			0.1000				0.9980		0.9950
2-Methyl-2-propanol	0.0146 0.0150	0.0145 0.0136	0.0146 0.0142	0.0142 0.0139	0.0156	Ave		0.0145				4.2		15.0			
Acrylonitrile	0.1126 0.0956	0.1045 0.0888	0.0993 0.0882	0.0915 0.0895	0.1003	Ave		0.0967				8.5		15.0			
trans-1,2-Dichloroethene	0.2972 0.3345	0.3261 0.3121	0.3470 0.3084	0.3280 0.3081	0.3430	Ave		0.3227			0.1000	5.3		15.0			
Methyl tert-butyl ether	0.5638 0.6890	0.6326 0.6458	0.6767 0.6557	0.6421 0.6646	0.7039	Ave		0.6527			0.1000	6.2		15.0			
Hexane	0.0915 0.0722	0.0774 0.0705	0.0846 0.0707	0.0745 0.0691	0.0734	Ave		0.0760				9.8		15.0			
1,1-Dichloroethane	0.5968 0.6381	0.5827 0.6134	0.6375 0.6110	0.6232 0.6111	0.6541	Ave		0.6187			0.1000	3.6		15.0			
Vinyl acetate	0.0142 0.0267	0.0238 0.0263	0.0225 0.0287	0.0223 0.0280	0.0257	Lin1	-0.017	0.0278							0.9990		0.9950
2,2-Dichloropropane	0.1609 0.2336	0.1866 0.2219	0.2057 0.2090	0.2086 0.2125	0.2344	Ave		0.2081				11.0		15.0			
cis-1,2-Dichloroethene	0.3123 0.3336	0.3104 0.3191	0.3464 0.3125	0.3321 0.3109	0.3466	Ave		0.3249			0.1000	4.6		15.0			
2-Butanone (MEK)	0.1756 0.0970	0.1390 0.0910	0.1128 0.0967	0.0942 0.0978	0.0970	Lin1	0.1492	0.0956			0.0500				0.9990		0.9950
Bromochloromethane	0.1355 0.1464	0.1347 0.1397	0.1533 0.1397	0.1432 0.1394	0.1545	Ave		0.1429				5.0		15.0			
Tetrahydrofuran	0.1034 0.0734	0.0679 0.0637	0.0801 0.0683	0.0652 0.0697	0.0747	Lin1	0.0267	0.0684							0.9980		0.9950
Chloroform	0.4832 0.5433	0.4988 0.5119	0.5317 0.5112	0.5193 0.5182	0.5483	Ave		0.5184				4.0		15.0			
1,1,1-Trichloroethane	0.2842 0.4486	0.3320 0.4308	0.3837 0.4286	0.3984 0.4352	0.4445	Ave		0.3984			0.1000	14.0		15.0			
Cyclohexane	0.7048 0.8526	0.7346 0.8068	0.8582 0.7981	0.8321 0.8041	0.8746	Ave		0.8073			0.1000	7.0		15.0			
1,1-Dichloropropene	0.3502 0.4206	0.3509 0.4001	0.4322 0.4074	0.4094 0.4045	0.4201	Ave		0.3995				7.4		15.0			
Carbon tetrachloride	0.2246 0.3991	0.2669 0.3965	0.3175 0.3982	0.3392 0.4091	0.3757	Lin1	-0.265	0.4031			0.1000				1.0000		0.9950
Benzene	1.1023 1.1345	1.0896 1.0784	1.1744 1.0883	1.0933 1.1009	1.1596	Ave		1.1135			0.5000	3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichloroethane	0.4507 0.3982	0.4047 0.3750	0.4002 0.3852	0.3873 0.3845	0.4079	Ave		0.3993			0.1000	5.5		15.0			
Trichloroethene	0.3012 0.3198	0.3082 0.3100	0.3281 0.3186	0.3117 0.3205	0.3219	Ave		0.3155			0.2000	2.6		15.0			
Methylcyclohexane	0.5423 0.6599	0.5140 0.6242	0.6428 0.6096	0.6452 0.6184	0.6706	Ave		0.6141			0.1000	8.6		15.0			
1,2-Dichloropropane	0.2769 0.2908	0.2574 0.2834	0.2833 0.2902	0.2657 0.2942	0.2873	Ave		0.2810			0.1000	4.4		15.0			
Dibromomethane	0.1280 0.1247	0.1199 0.1209	0.1156 0.1230	0.1178 0.1230	0.1263	Ave		0.1221				3.3		15.0			
1,4-Dioxane	0.0014 0.0017	0.0015 0.0015	0.0017 0.0016	0.0016 0.0016	0.0017	Ave		0.0016				6.7		15.0			
Bromodichloromethane	0.1835 0.2773	0.1816 0.2864	0.2072 0.3117	0.2148 0.3169	0.2439	Lin1	-0.281	0.3060			0.1000				0.9960		0.9950
2-Chloroethyl vinyl ether	0.0768 0.0830	0.0590 0.0834	0.0663 0.0947	0.0640 0.0966	0.0727	Qua	-0.161	0.0789	0						1.0000		0.9900
cis-1,3-Dichloropropene	0.1808 0.3011	0.1700 0.3119	0.2000 0.3454	0.2035 0.3482	0.2573	Qua	-0.603	0.3036	0.0002		0.1500				1.0000		0.9900
4-Methyl-2-pentanone (MIBK)	0.2955 0.3342	0.2753 0.3061	0.2916 0.3246	0.2915 0.3348	0.3219	Ave		0.3084			0.0500	6.9		15.0			
Toluene	1.8325 1.7607	1.7447 1.6565	1.7828 1.6918	1.7766 1.7476	1.8256	Ave		1.7576			0.4000	3.2		15.0			
trans-1,3-Dichloropropene	0.1995 0.3619	0.2063 0.3648	0.2395 0.4047	0.2506 0.4126	0.3132	Lin1	-0.433	0.3968			0.1000				0.9950		0.9950
Ethyl methacrylate	0.2028 0.2760	0.2043 0.2665	0.1989 0.2920	0.2118 0.3015	0.2520	Lin1	-0.213	0.2898							0.9970		0.9950
1,1,2-Trichloroethane	0.2504 0.2469	0.2228 0.2291	0.2325 0.2362	0.2341 0.2439	0.2542	Ave		0.2389			0.1000	4.4		15.0			
Tetrachloroethene	0.4194 0.4030	0.3902 0.3754	0.4322 0.3804	0.3984 0.3896	0.4181	Ave		0.4007			0.2000	4.8		15.0			
1,3-Dichloropropane	0.4360 0.4198	0.4183 0.3977	0.4059 0.4150	0.4087 0.4268	0.4283	Ave		0.4174				2.9		15.0			
2-Hexanone	0.1753 0.1659	0.1436 0.1582	0.1463 0.1796	0.1354 0.1861	0.1542	Ave		0.1605			0.0500	11.0		15.0			
Dibromochloromethane	0.1617 0.2752	0.1640 0.2823	0.1811 0.3161	0.1891 0.3279	0.2324	Qua	-0.391	0.2620	0.0003						1.0000		0.9900
1,2-Dibromoethane	0.2063 0.2490	0.2019 0.2371	0.2338 0.2445	0.2231 0.2487	0.2489	Ave		0.2326				7.9		15.0			
Chlorobenzene	1.2301 1.1463	1.2126 1.0864	1.1540 1.1262	1.1177 1.1528	1.1536	Ave		1.1533			0.3000	3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	0.2401 0.4641	0.2940 0.4324	0.3402 0.4279	0.3764 0.4364	0.4340	Lin1	-0.255	0.4364							0.9990		0.9950
Ethylbenzene	0.6224 0.6362	0.6013 0.6036	0.6259 0.6229	0.6113 0.6334	0.6415	Ave		0.6221				2.3		15.0			
m-Xylene & p-Xylene	0.7411 0.7851	0.7015 0.7526	0.7663 0.7736	0.7531 0.7930	0.7964	Ave		0.7625				3.9		15.0			
o-Xylene	0.7482 0.8507	0.8166 0.7888	0.8327 0.7810	0.8386 0.7869	0.8795	Ave		0.8137				5.0		15.0			
Styrene	0.9051 1.1309	0.8853 1.0945	0.9766 1.1540	0.9797 1.1795	1.0680	Ave		1.0415			0.3000	10.0		15.0			
Bromoform	+++++ 0.1333	+++++ 0.1450	0.0830 0.1722	0.0930 0.1796	0.1102	Qua	-0.415	0.1317	0.0002		0.1000				1.0000		0.9900
Isopropylbenzene	1.9022 2.3818	1.9580 2.1990	2.2371 2.1939	2.2580 2.2337	2.4184	Ave		2.1980			0.1000	7.8		15.0			
1,1,2,2-Tetrachloroethane	0.4570 0.5371	0.4112 0.5156	0.4603 0.5424	0.4674 0.5659	0.5377	Ave		0.4994			0.3000	10.0		15.0			
Bromobenzene	0.8372 0.8120	0.7656 0.7865	0.8130 0.8318	0.7628 0.8750	0.8154	Ave		0.8110				4.4		15.0			
1,2,3-Trichloropropane	0.1754 0.1663	0.1620 0.1592	0.1723 0.1633	0.1581 0.1731	0.1677	Ave		0.1664				3.8		15.0			
trans-1,4-Dichloro-2-butene	0.2073 0.1595	0.1511 0.1646	0.1437 0.1918	0.1537 0.2015	0.1497	Ave		0.1692				14.0		15.0			
N-Propylbenzene	0.8388 1.0369	0.8586 1.0097	0.9688 1.0447	0.9561 1.0903	1.0247	Ave		0.9810				8.7		15.0			
2-Chlorotoluene	0.8528 0.9253	0.8118 0.8729	0.8880 0.9041	0.8745 0.9372	0.9434	Ave		0.8900				4.8		15.0			
1,3,5-Trimethylbenzene	2.5566 3.4150	2.5911 3.2489	3.0345 3.3096	3.0948 3.4225	3.3929	Ave		3.1184				11.0		15.0			
4-Chlorotoluene	0.8643 0.8701	0.7732 0.8326	0.8508 0.8767	0.8324 0.9165	0.8616	Ave		0.8531				4.6		15.0			
tert-Butylbenzene	2.3323 3.3291	2.4665 3.1817	2.9447 3.1859	2.9684 3.2899	3.2584	Ave		2.9952				12.0		15.0			
1,2,4-Trimethylbenzene	2.7192 3.2896	2.7693 3.1626	2.9124 3.1901	3.0368 3.2552	3.2996	Ave		3.0705				7.3		15.0			
sec-Butylbenzene	3.0025 4.5162	3.2987 4.2948	4.0077 4.3246	4.1548 4.4386	4.4258	Ave		4.0515				13.0		15.0			
1,3-Dichlorobenzene	1.9182 1.7180	1.8120 1.6741	1.7848 1.7053	1.7225 1.7372	1.7643	Ave		1.7596			0.6000	4.1		15.0			
4-Isopropyltoluene	2.7798 3.8238	2.9134 3.7567	3.4126 3.7682	3.5692 3.8548	3.9188	Ave		3.5331				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	2.1075 1.7161	1.9962 1.6868	1.8727 1.7004	1.7735 1.7575	1.8061	Ave		1.8241			0.5000	7.9		15.0			
n-Butylbenzene	2.5217 3.1482	2.6013 3.0614	2.9349 3.0655	2.9767 3.1307	3.1973	Ave		2.9598				8.1		15.0			
1,2-Dichlorobenzene	1.8702 1.6497	1.7989 1.5817	1.7433 1.5760	1.7200 1.6164	1.7507	Ave		1.7008			0.4000	6.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0781 0.0847	0.0613 0.0862	0.0633 0.0991	0.0624 0.1044	0.0790	Qua	-0.038	0.0767	0.0001		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	1.4839 1.3807	1.4850 1.3220	1.5406 1.3169	1.5400 1.3323	1.5284	Ave		1.4366				6.8		15.0			
1,2,4-Trichlorobenzene	1.3967 1.1071	1.2656 1.0716	1.2885 1.0911	1.2428 1.0935	1.2497	Ave		1.2007			0.2000	9.5		15.0			
Hexachlorobutadiene	0.6196 0.6501	0.6052 0.5972	0.7578 0.5954	0.7430 0.6033	0.7309	Ave		0.6558				10.0		15.0			
Naphthalene	2.2475 1.9523	2.1785 1.9221	2.0321 2.0208	2.0319 2.0288	2.1280	Ave		2.0602				5.1		15.0			
1,2,3-Trichlorobenzene	1.1014 0.8872	1.1118 0.8757	1.0856 0.9090	1.0654 0.9172	1.0356	Ave		0.9988				9.9		15.0			
Dibromofluoromethane (Surr)	0.4543 0.2506	0.3962 0.2570	0.3167 0.2648	0.2908 0.2589	0.2783	Lin1	0.2319	0.2588							1.0000		0.9950
1,2-Dichloroethane-d4 (Surr)	0.6223 0.2608	0.4795 0.2735	0.3740 0.2846	0.3266 0.2817	0.3103	Lin1	0.3773	0.2779							0.9990		0.9950
Toluene-d8 (Surr)	2.9448 1.4178	2.3163 1.4389	1.8763 1.4811	1.7245 1.4842	1.5997	Lin1	1.6498	1.4630							0.9990		0.9950
4-Bromofluorobenzene (Surr)	1.6935 0.8060	1.4518 0.8547	1.0699 0.9240	0.9544 0.9595	0.9043	Qua	1.4903	0.7601	0.0008						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-64859/11	149113.D
Level 2	IC 240-64859/10	149112.D
Level 3	IC 240-64859/9	149111.D
Level 4	IC 240-64859/8	149110.D
Level 5	IC 240-64859/7	149109.D
Level 6	ICIS 240-64859/6	149108.D
Level 7	IC 240-64859/5	149107.D
Level 8	IC 240-64859/4	149106.D
Level 9	IC 240-64859/3	149105.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	7516 417580	14492 791908	43671 1617640	82511 2115856	161720	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	14646 702799	27370 1338903	71181 2694187	135262 3275169	272081	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	9867 567761	19480 1087283	57964 2226414	107509 2718989	217685	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Lin1	6112 186493	8277 346587	21694 703622	40346 927880	76008	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloroethane	FB	Ave	6364 314365	11870 601594	33147 1172950	62735 1576477	121690	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	8449 546945	16496 1088102	52063 2249017	104736 2909895	210534	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	10367 478056	19105 921630	49585 1899816	88115 2418324	184449	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,1-Dichloroethene	FB	Ave	7569 439870	14243 840221	39983 1690386	78637 2115050	161339	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	6252 416147	14057 797347	40163 1585107	76398 2050356	160348	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetone	FB	Lin1	15114 237740	22148 426995	31391 856133	50024 1014022	98863	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	13022 759159	26435 1475619	72265 2940106	141950 3792310	295018	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon disulfide	FB	Lin1	13442 1182385	27388 2442481	84572 5062701	176057 6534814	394410	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetonitrile	FB	Ave	9385 431263	20232 796014	46125 1608529	87036 2008114	171666	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methyl acetate	FB	Ave	14079 560017	23602 1078716	58662 2206523	103288 2871085	220401	2.00 100	4.00 200	10.0 400	20.0 500	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methylene Chloride	FB	Lin1	54970 479698	65129 886504	93360 1701753	126340 2152074	213373	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methyl-2-propanol	FB	Ave	8325 422973	15618 789455	39940 1669586	77319 2089998	165099	20.0 1000	40.0 2000	100 4000	200 5000	400
Acrylonitrile	FB	Ave	6401 269580	11229 515929	27199 1038629	49698 1350561	105995	2.00 100	4.00 200	10.0 400	20.0 500	40.0
trans-1,2-Dichloroethene	FB	Ave	8450 471393	17525 907001	47533 1816271	89048 2324134	181167	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	16031 970973	34001 1876766	92686 3861248	174321 5013197	371794	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexane	FB	Ave	2602 101690	4159 204799	11588 416144	20234 521048	38787	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	16970 899255	31317 1782565	87326 3598243	169195 4609728	345487	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Lin1	403 37670	1280 76525	3079 168875	6066 211083	13557	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2,2-Dichloropropane	FB	Ave	4575 329191	10027 644879	28180 1230549	56635 1603060	123818	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	8880 470162	16683 927391	47449 1840191	90166 2345081	183097	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Lin1	9988 273345	14939 529115	30894 1139182	51145 1476018	102501	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	3854 206291	7241 405931	20994 822911	38873 1051272	81624	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Lin1	2940 103462	3649 185076	10974 402232	17698 525409	39432	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloroform	FB	Ave	13739 765651	26809 1487549	72826 3010090	140994 3908909	289607	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	8081 632148	17843 1251773	52558 2523886	108164 3282896	234761	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	20040 1201508	39484 2344534	117550 4699663	225927 6065372	461930	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	9957 592724	18859 1162651	59199 2399330	111163 3051360	221877	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Lin1	6386 562495	14343 1152166	43488 2345000	92086 3085601	198439	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Benzene	FB	Ave	31342 1598756	58561 3133611	160862 6408963	296845 8304169	612512	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane	FB	Ave	12816 561210	21751 1089587	54823 2268334	105152 2900687	215440	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	8563 450685	16566 900868	44946 1876080	84617 2417344	170019	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methylcyclohexane	FB	Ave	15420 930044	27625 1813947	88044 3589794	175167 4664620	354215	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	7874 409880	13836 823444	38810 1709124	72151 2219139	151736	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	3639 175714	6443 351417	15838 724277	31991 928129	66688	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	1977 118145	3980 219140	11737 463067	21934 597133	44297	50.0 2500	100 5000	250 10000	500 12500	1000
Bromodichloromethane	FB	Lin1	5217 390809	9759 832249	28387 1835347	58309 2390658	128819	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Qua	4368 234066	6345 484654	18171 1115017	34747 1457274	76766	2.00 100	4.00 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Qua	5140 424347	9137 906342	27402 2033998	55239 2626397	135898	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	9717 576886	16736 1136906	44863 2533577	88556 3331223	197223	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	30130 1519658	53025 3076276	137151 6603246	269854 8693371	559174	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	3281 312322	6269 677544	18422 1579454	38061 2052621	95928	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Lin1	3334 238209	6210 494988	15305 1139822	32177 1499679	77173	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	4117 213126	6770 425536	17884 921878	35558 1213279	77860	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	6896 347815	11858 697238	33251 1484602	60520 1937946	128055	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	7169 362321	12713 738571	31225 1619828	62074 2123153	131178	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	5765 286390	8731 587510	22515 1402204	41139 1851099	94486	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Qua	2658 237486	4983 524268	13929 1233608	28727 1631350	71189	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromoethane	CBZ	Ave	3392 214868	6136 440371	17983 954360	33893 1237164	76236	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	20226 989339	36855 2017592	88779 4395692	169777 5734754	353351	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBZ	Lin1	3948 400599	8935 803063	26175 1670230	57173 2171016	132946	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	10233 549095	18275 1120917	48151 2431159	92859 3150985	196492	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	24371 1355176	42642 2795237	117908 6038673	228784 7889491	487854	2.00 100	4.00 200	10.0 400	20.0 500	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
o-Xylene	CBZ	Ave	12302 734242	24817 1464950	64060 3048446	127375 3914688	269399	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Ave	14882 976030	26907 2032553	75133 4504091	148820 5867268	327115	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Qua	+++++ 115056	+++++ 269265	6385 672219	14126 893312	33753	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Isopropylbenzene	CBZ	Ave	31276 2055730	59507 4083761	172097 8563076	342974 11111466	740744	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	4412 269865	7468 551393	21908 1185915	43332 1521394	98118	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	8083 407997	13903 841041	38695 1818475	70715 2352640	148810	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	1693 83541	2942 170230	8200 356908	14657 465477	30596	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2001 80147	2744 175997	6839 419227	14248 541730	27326	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCB	Ave	8099 520989	15593 1079721	46113 2283863	88635 2931489	186998	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	8234 464923	14742 933447	42265 1976546	81078 2519820	172161	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Ave	24684 1715922	47056 3474159	144431 7235493	286915 9201957	619176	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	8345 437183	14041 890356	40495 1916783	77171 2464150	157235	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Ave	22518 1672737	44793 3402281	140155 6965216	275197 8845425	594629	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Ave	26254 1652909	50292 3381876	138620 6974339	281537 8752217	602151	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Ave	28989 2269254	59906 4592616	190752 9454717	385185 11933941	807678	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	18520 863253	32906 1790188	84949 3728094	159688 4670802	321979	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Isopropyltoluene	DCB	Ave	26839 1921354	52909 4017166	162428 8238217	330900 10364287	715161	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	20348 862272	36251 1803761	89135 3717462	164421 4725453	329600	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCB	Ave	24347 1581880	47240 3273708	139689 6702026	275970 8417394	583487	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	18057 828934	32668 1691360	82976 3445460	159459 4346036	319497	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Qua	754 42579	1114 92168	3014 216613	5781 280695	14412	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	14327 693743	26968 1413710	73328 2879013	142774 3582174	278916	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	13485 556263	22983 1145856	61330 2385332	115215 2940017	228061	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	5982 326640	10991 638577	36068 1301644	68886 1622181	133386	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	21699 980976	39563 2055400	96720 4418019	188376 5454801	388344	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	10634 445774	20191 936408	51672 1987368	98772 2466056	188992	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Lin1	12918 353208	21293 746711	43376 1559593	78941 1952797	146969	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Lin1	17695 367475	25772 794798	51229 1675798	88686 2125326	163888	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Lin1	48420 1223651	70397 2672083	144345 5780939	261942 7383215	489993	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Qua	16351 405001	26365 913962	50923 2020167	88484 2579873	165025	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149105.D
Lims ID: IC 9 Client ID:
Inject. Date: 13-Nov-2012 16:53:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 9
Sample ID: ic 9
Misc. Info.: 240-0014916-003 =240-0014916-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64859 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:51 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 13-Nov-2012 18:03:19

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1508662	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	994912	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	91	537734	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	69	1952797	249.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	96	2125326	252.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	7383215	252.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	2579873	249.9	
12 Dichlorodifluoromethane	85	1.442	1.441	0.001	88	2115856	244.0	
13 Chloromethane	50	1.607	1.607	0.0	89	3275169	221.6	
14 Vinyl chloride	62	1.737	1.737	0.0	83	2718989	234.6	
15 Bromomethane	94	2.069	2.069	0.0	90	927880	251.1	
16 Chloroethane	64	2.187	2.187	0.0	94	1576477	236.7	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	2909895	263.1	
20 Acrolein	56	3.027	3.027	0.0	95	2418324	2360.8	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	84	2115050	243.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	2050356	247.6	
22 Acetone	43	3.252	3.252	0.0	97	1014022	471.3	
24 Iodomethane	142	3.347	3.347	0.0	99	3792310	245.5	
26 Carbon disulfide	76	3.418	3.418	0.0	99	6534814	253.5	
27 Acetonitrile	41	3.654	3.666	-0.012	99	2008114	2133.0	
28 Methyl acetate	43	3.761	3.761	0.0	98	2871085	464.9	
30 Methylene Chloride	84	3.891	3.879	0.012	88	2152074	245.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	2089998	4786.7	
32 Acrylonitrile	53	4.305	4.305	0.0	96	1350561	462.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	2324134	238.7	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	91	5013197	254.6	
35 Hexane	86	4.743	4.743	0.0	96	521048	227.3	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	4609728	246.9	
37 Vinyl acetate	86	5.039	5.039	0.0	97	211083	251.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	78	1603060	255.3	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	2345081	239.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	1476018	510.2	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	1051272	243.8	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	525409	254.1	
49 Chloroform	83	6.033	6.033	0.0	84	3908909	249.9	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	3282896	273.1	
51 Cyclohexane	56	6.269	6.257	0.012	94	6065372	249.0	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	3051360	253.1	
53 Carbon tetrachloride	117	6.388	6.388	0.0	79	3085601	254.4	
55 Benzene	78	6.601	6.601	0.0	96	8304169	247.2	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	2900687	240.8	
60 Trichloroethene	130	7.240	7.240	0.0	91	2417344	253.9	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	4664620	251.7	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	2219139	261.7	
65 Dibromomethane	93	7.559	7.559	0.0	92	928129	251.9	
66 1,4-Dioxane	88	7.583	7.583	0.0	94	597133	12526	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	2390658	259.9	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	1457274	497.6	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	2626397	248.5	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	3331223	542.9	
72 Toluene	91	8.411	8.411	0.0	91	8693371	248.6	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	2052621	261.1	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	1499679	260.8	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	1213279	255.2	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	1937946	243.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	2123153	255.6	
78 2-Hexanone	43	8.979	8.979	0.0	98	1851099	579.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	1631350	249.6	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	1237164	267.3	
82 Chlorobenzene	112	9.618	9.618	0.0	91	5734754	249.9	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	89	2171016	250.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	3150985	254.6	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	95	7889491	520.0	
85 o-Xylene	106	10.151	10.151	0.001	95	3914688	241.8	
86 Styrene	104	10.162	10.162	0.0	94	5867268	283.1	
87 Bromoform	173	10.328	10.328	0.0	97	893312	249.0	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	11111466	254.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	1521394	283.3	
91 Bromobenzene	156	10.719	10.718	0.001	94	2352640	269.7	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	57	465477	260.2	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	44	541730	297.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	2931489	277.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	2519820	263.3	
96 1,3,5-Trimethylbenzene	105	10.955	10.943	0.012	94	9201957	274.4	
104 4-Chlorotoluene	126	10.979	10.967	0.012	99	2464150	268.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	8845425	274.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	8752217	265.0	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	11933941	273.9	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	4670802	246.8	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	10364287	272.8	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	4725453	240.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	8417394	264.4	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	4346036	237.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	80	280695	249.9	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	3582174	231.8	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	2940017	227.7	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	1622181	230.0	
111 Naphthalene	128	13.440	13.440	0.0	97	5454801	246.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	2466056	229.6	
S 137 Trihalomethanes, Total	1				0		1008.3	
S 11 1,2-Dichloroethene, Total	96				0		477.9	
S 9 1,3-Dichloropropene, Total	75				0		509.6	
S 114 Xylenes, Total	106				0		761.8	

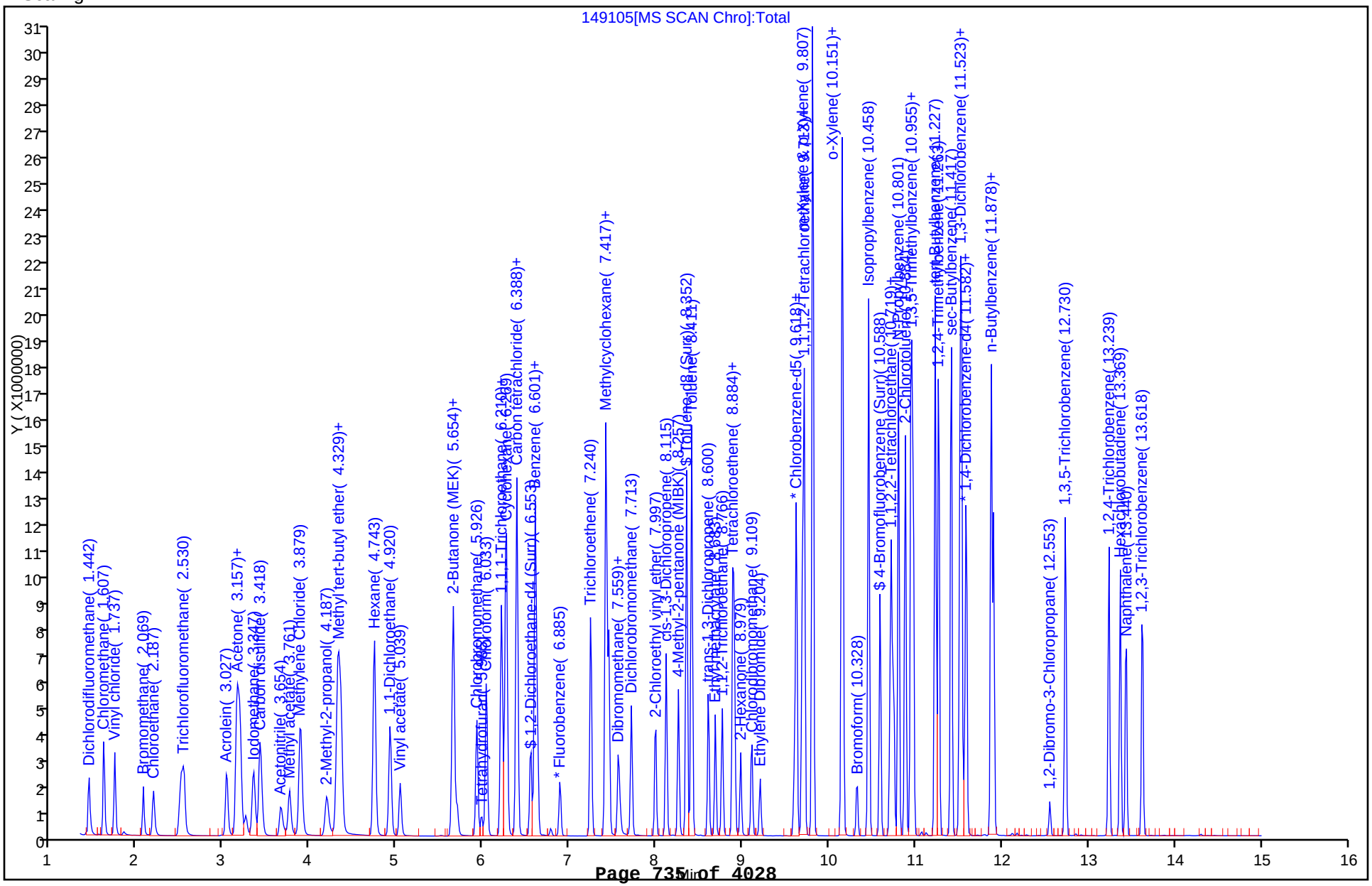
Report Date: 14-Nov-2012 15:22:51 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149105.D

Injection Date:	13-Nov-2012 16:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	3
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149106.D
Lims ID: IC 8 Client ID:
Inject. Date: 13-Nov-2012 17:15:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: ic 8
Misc. Info.: 240-0014916-004 =240-0014916-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64859 Lims Sample ID: 4
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:52 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:22:13

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1472179	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	975765	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	92	546560	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	1559593	203.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	96	1675798	203.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	5780939	201.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	2020167	200.2	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	88	1617640	191.1	
13 Chloromethane	50	1.607	1.607	0.0	89	2694187	186.8	
14 Vinyl chloride	62	1.737	1.737	0.0	83	2226414	196.9	
15 Bromomethane	94	2.069	2.069	0.0	90	703622	194.9	
16 Chloroethane	64	2.187	2.187	0.0	93	1172950	180.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	2249017	208.4	
20 Acrolein	56	3.027	3.027	0.0	96	1899816	1900.6	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	1690386	199.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	1585107	196.1	
22 Acetone	43	3.252	3.252	0.0	97	856133	406.9	
24 Iodomethane	142	3.346	3.347	-0.001	99	2940106	195.1	
26 Carbon disulfide	76	3.417	3.418	-0.001	99	5062701	201.4	
27 Acetonitrile	41	3.654	3.666	-0.012	99	1608529	1750.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	2206523	366.1	
30 Methylene Chloride	84	3.891	3.879	0.012	88	1701753	197.3	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	91	1669586	3918.6	
32 Acrylonitrile	53	4.305	4.305	0.0	96	1038629	364.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	1816271	191.2	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	3861248	200.9	
35 Hexane	86	4.743	4.743	0.0	96	416144	186.0	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	3598243	197.5	
37 Vinyl acetate	86	5.039	5.039	0.0	97	168875	206.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	77	1230549	200.8	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	1840191	192.4	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	1139182	403.2	
47 Chlorobromomethane	128	5.926	5.926	0.0	89	822911	195.5	
48 Tetrahydrofuran	42	5.973	5.985	-0.012	92	402232	199.2	
49 Chloroform	83	6.033	6.033	0.0	85	3010090	197.2	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	2523886	215.1	
51 Cyclohexane	56	6.269	6.257	0.012	94	4699663	197.7	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	2399330	204.0	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	2345000	198.3	
55 Benzene	78	6.601	6.601	0.0	96	6408963	195.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	2268334	192.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	1876080	201.9	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	3589794	198.5	
62 1,2-Dichloropropane	63	7.453	7.453	-0.001	89	1709124	206.5	
65 Dibromomethane	93	7.559	7.559	0.0	92	724277	201.4	
66 1,4-Dioxane	88	7.583	7.583	0.0	95	463067	9954.5	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	1835347	204.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	1115017	404.9	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	2033998	202.8	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	2533577	421.0	
72 Toluene	91	8.411	8.411	0.0	91	6603246	192.5	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	92	1579454	205.1	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	1139822	202.3	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	921878	197.7	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	1484602	189.8	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	1619828	198.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	1402204	447.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	1233608	200.8	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	954360	210.3	
82 Chlorobenzene	112	9.618	9.618	0.0	91	4395692	195.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	89	1670230	196.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	2431159	200.3	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	99	6038673	405.8	
85 o-Xylene	106	10.150	10.151	0.0	95	3048446	192.0	
86 Styrene	104	10.162	10.162	0.0	95	4504091	221.6	
87 Bromoform	173	10.328	10.328	0.0	98	672219	202.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	8563076	199.6	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	1185915	217.2	
91 Bromobenzene	156	10.718	10.718	0.0	94	1818475	205.1	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	73	356908	196.3	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	53	419227	226.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	2283863	213.0	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	1976546	203.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	7235493	212.3	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	1916783	205.5	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	6965216	212.7	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	6974339	207.8	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	9454717	213.5	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	3728094	193.8	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	8238217	213.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	3717462	186.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	6702026	207.1	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	3445460	185.3	
107 1,2-Dibromo-3-Chloropropane	157	12.552	12.553	-0.001	78	216613	200.4	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	2879013	183.3	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	2385332	181.7	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	1301644	181.6	
111 Naphthalene	128	13.440	13.440	0.0	97	4418019	196.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	1987368	182.0	
S 137 Trihalomethanes, Total	1				0		804.7	
S 11 1,2-Dichloroethene, Total	96				0		383.5	
S 9 1,3-Dichloropropene, Total	75				0		407.9	
S 114 Xylenes, Total	106				0		597.8	

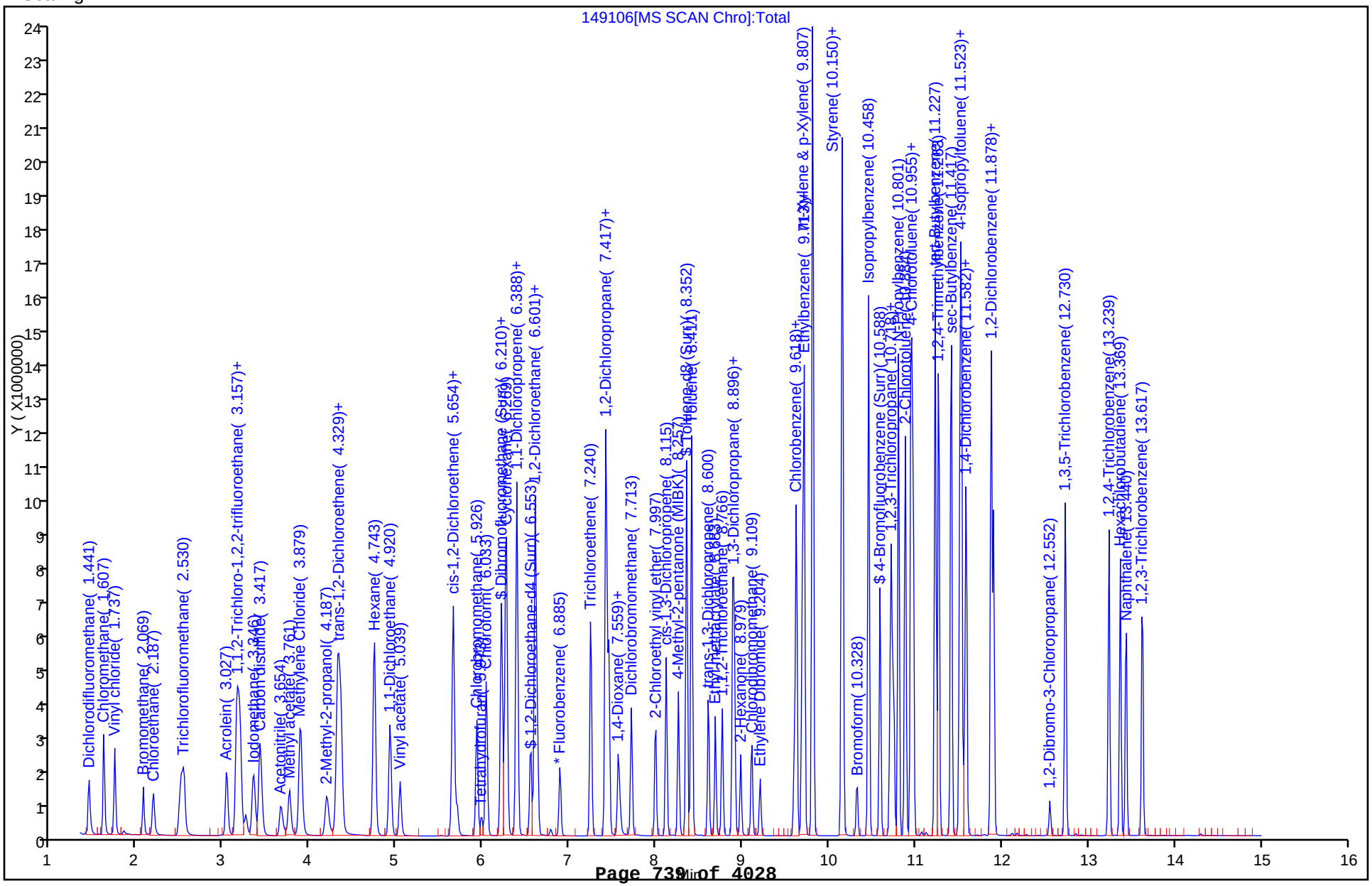
Report Date: 14-Nov-2012 15:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149106.D

Injection Date:	13-Nov-2012 17:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149107.D
Lims ID: IC 7 Client ID:
Inject. Date: 13-Nov-2012 17:36:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: ic 7
Misc. Info.: 240-0014916-005 =240-0014916-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64859 Lims Sample ID: 5
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:53 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:23:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1452960	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	928539	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	94	534668	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	74	746711	98.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	96	794798	97.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	2672083	97.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	913962	100.2	
12 Dichlorodifluoromethane	85	1.442	1.441	0.001	88	791908	94.8	
13 Chloromethane	50	1.607	1.607	0.0	89	1338903	94.1	
14 Vinyl chloride	62	1.737	1.737	0.0	83	1087283	97.4	
15 Bromomethane	94	2.069	2.069	0.0	91	346587	96.8	
16 Chloroethane	64	2.187	2.187	0.0	94	601594	93.8	
18 Trichlorofluoromethane	101	2.507	2.506	0.001	87	1088102	102.2	
20 Acrolein	56	3.039	3.027	0.012	96	921630	934.2	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	85	840221	100.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	81	797347	100.0	
22 Acetone	43	3.252	3.252	0.0	97	426995	202.4	
24 Iodomethane	142	3.347	3.347	0.0	99	1475619	99.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	2442481	98.9	
27 Acetonitrile	41	3.666	3.666	0.0	99	796014	877.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	1078716	181.4	
30 Methylene Chloride	84	3.891	3.879	0.012	88	886504	101.2	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	789455	1877.4	
32 Acrylonitrile	53	4.305	4.305	0.0	96	515929	183.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	907001	96.7	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	1876766	99.0	
35 Hexane	86	4.743	4.743	0.0	96	204799	92.8	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	1782565	99.2	
37 Vinyl acetate	86	5.039	5.039	0.0	97	76525	95.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	79	644879	106.6	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	77	927391	98.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	529115	188.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	405931	97.7	
48 Tetrahydrofuran	42	5.985	5.985	0.0	90	185076	92.7	
49 Chloroform	83	6.033	6.033	0.0	84	1487549	98.7	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	1251773	108.1	
51 Cyclohexane	56	6.269	6.257	0.012	94	2344534	99.9	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	1162651	100.2	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	1152166	99.0	
55 Benzene	78	6.601	6.601	0.0	96	3133611	96.8	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	1089587	93.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	900868	98.2	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	1813947	101.6	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	823444	100.8	
65 Dibromomethane	93	7.559	7.559	0.0	87	351417	99.0	
66 1,4-Dioxane	88	7.583	7.583	0.0	94	219140	4773.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	832249	94.5	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	484654	195.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	906342	98.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	1136906	198.5	
72 Toluene	91	8.411	8.411	0.0	91	3076276	94.2	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.0	90	677544	93.0	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	494988	92.7	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	425536	95.9	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	697238	93.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	738571	95.3	
78 2-Hexanone	43	8.979	8.979	0.0	98	587510	197.1	
79 Chlorodibromomethane	129	9.109	9.109	0.0	89	524268	99.0	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	440371	102.0	
82 Chlorobenzene	112	9.618	9.618	0.0	91	2017592	94.2	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	803063	99.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	1120917	97.0	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	2795237	197.4	
85 o-Xylene	106	10.151	10.151	0.001	95	1464950	96.9	
86 Styrene	104	10.162	10.162	0.0	94	2032553	105.1	
87 Bromoform	173	10.328	10.328	0.0	97	269265	98.4	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	4083761	100.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	85	551393	103.3	
91 Bromobenzene	156	10.719	10.718	0.001	94	841041	97.0	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	77	170230	95.7	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	51	175997	97.3	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	1079721	102.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	933447	98.1	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	3474159	104.2	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	890356	97.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	3402281	106.2	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	98	3381876	103.0	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	4592616	106.0	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	1790188	95.1	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	94	4017166	106.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	1803761	92.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	3273708	103.4	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	1691360	93.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	79	92168	98.7	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	1413710	92.0	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	1145856	89.2	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	638577	91.1	
111 Naphthalene	128	13.440	13.440	0.0	97	2055400	93.3	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	936408	87.7	
S 137 Trihalomethanes, Total	1				0		390.7	
S 11 1,2-Dichloroethene, Total	96				0		194.9	
S 9 1,3-Dichloropropene, Total	75				0		191.5	
S 114 Xylenes, Total	106				0		294.3	

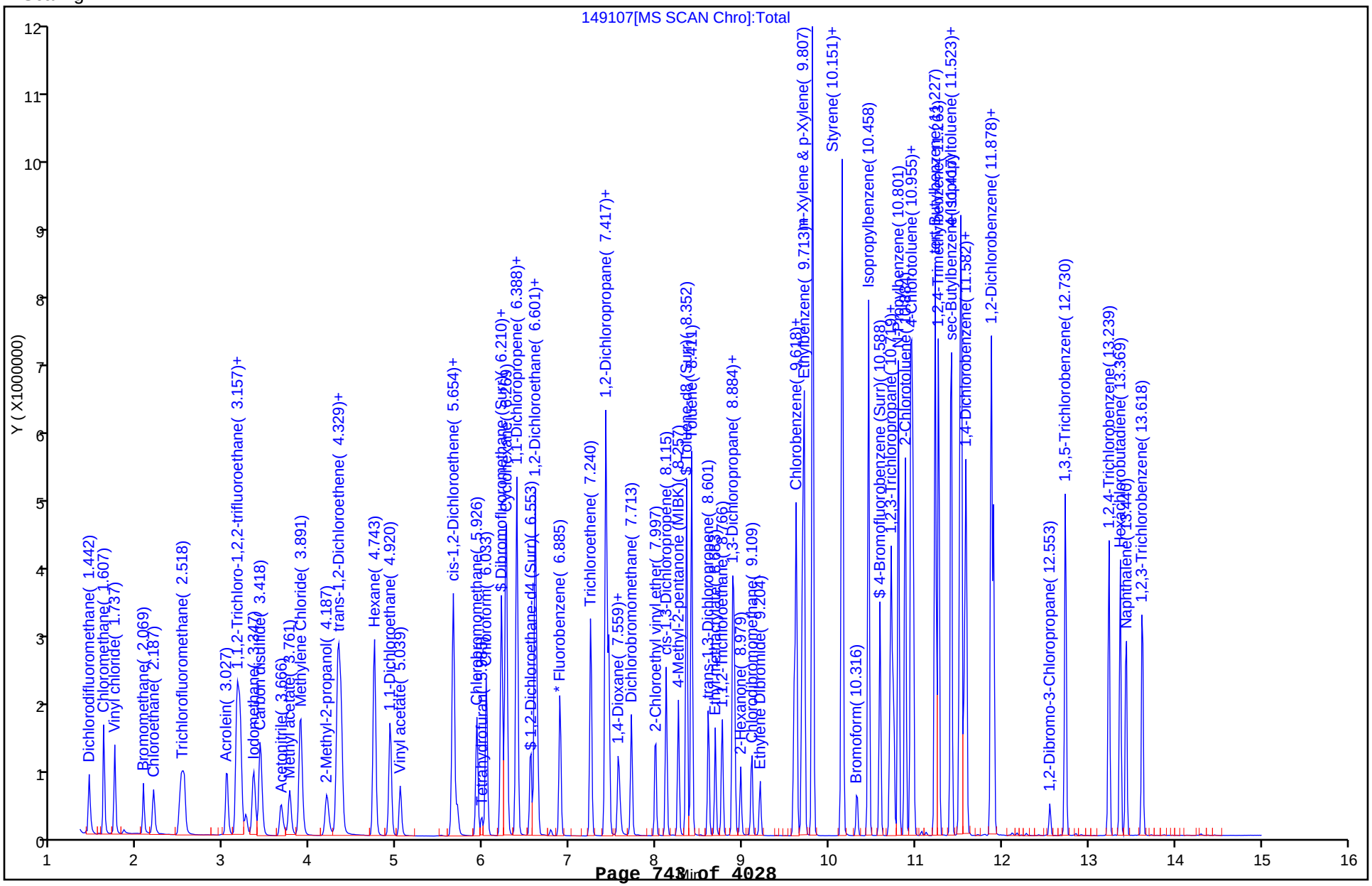
Report Date: 14-Nov-2012 15:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149107.D

Injection Date:	13-Nov-2012 17:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	5
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149108.D		
Lims ID:	ICIS 6	Client ID:	
Inject. Date:	13-Nov-2012 17:58:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	icis 6		
Misc. Info.:	240-0014916-006 =240-0014916-006		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	64859	Lims Sample ID:	6
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:54	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 09:25:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1409266	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	863084	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	502466	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	353208	47.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	94	367475	45.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1223651	47.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	405001	48.6	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	417580	51.5	
13 Chloromethane	50	1.607	1.607	0.0	89	702799	50.9	
14 Vinyl chloride	62	1.737	1.737	0.0	84	567761	52.5	
15 Bromomethane	94	2.069	2.069	0.0	91	186493	53.3	
16 Chloroethane	64	2.187	2.187	0.0	94	314365	50.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	546945	52.9	
20 Acrolein	56	3.027	3.027	0.0	94	478056	499.6	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	85	439870	54.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	416147	53.8	
22 Acetone	43	3.252	3.252	0.0	97	237740	113.4	
24 Iodomethane	142	3.347	3.347	0.0	99	759159	52.6	
26 Carbon disulfide	76	3.418	3.418	0.0	99	1182385	49.8	
27 Acetonitrile	41	3.666	3.666	0.0	99	431263	490.4	
28 Methyl acetate	43	3.761	3.761	0.0	98	560017	97.1	
30 Methylene Chloride	84	3.879	3.879	0.0	88	479698	53.7	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	89	422973	1037.1	
32 Acrylonitrile	53	4.305	4.305	0.0	96	269580	98.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	471393	51.8	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	95	970973	52.8	
35 Hexane	86	4.743	4.743	0.0	96	101690	47.5	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	899255	51.6	
37 Vinyl acetate	86	5.039	5.039	0.0	97	37670	48.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	329191	56.1	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	470162	51.3	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	273345	99.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	89	206291	51.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	103462	53.3	
49 Chloroform	83	6.033	6.033	0.0	85	765651	52.4	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	632148	56.3	
51 Cyclohexane	56	6.257	6.257	0.0	95	1201508	52.8	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	592724	52.6	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	562495	50.2	
55 Benzene	78	6.601	6.601	0.0	97	1598756	50.9	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	561210	49.9	
60 Trichloroethene	130	7.240	7.240	0.0	92	450685	50.7	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	930044	53.7	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	409880	51.7	
65 Dibromomethane	93	7.559	7.559	0.0	87	175714	51.0	
66 1,4-Dioxane	88	7.583	7.583	0.0	97	118145	2653.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	390809	46.2	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	234066	102.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	424347	50.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	576886	108.4	
72 Toluene	91	8.411	8.411	0.0	91	1519658	50.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	312322	46.7	
74 Ethyl methacrylate	69	8.683	8.683	0.0	93	238209	48.3	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	213126	51.7	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	347815	50.3	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	362321	50.3	
78 2-Hexanone	43	8.979	8.979	0.0	98	286390	103.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	237486	51.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	214868	53.5	
82 Chlorobenzene	112	9.618	9.618	0.0	91	989339	49.7	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	400599	53.8	
84 Ethylbenzene	106	9.713	9.713	0.0	98	549095	51.1	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1355176	103.0	
85 o-Xylene	106	10.151	10.151	0.0	95	734242	52.3	
86 Styrene	104	10.162	10.162	0.0	94	976030	54.3	
87 Bromoform	173	10.328	10.328	0.0	96	115056	49.9	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2055730	54.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	269865	53.8	
91 Bromobenzene	156	10.718	10.718	0.0	94	407997	50.1	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	82	83541	50.0	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	56	80147	47.1	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	520989	52.8	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	464923	52.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	1715922	54.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	437183	51.0	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	1672737	55.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1652909	53.6	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2269254	55.7	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	863253	48.8	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	1921354	54.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	862272	47.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1581880	53.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	828934	48.5	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	42579	51.8	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	693743	48.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	556263	46.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	326640	49.6	
111 Naphthalene	128	13.440	13.440	0.0	97	980976	47.4	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	445774	44.4	
S 137 Trihalomethanes, Total	1				0		199.8	
S 11 1,2-Dichloroethene, Total	96				0		103.2	
S 9 1,3-Dichloropropene, Total	75				0		96.7	
S 114 Xylenes, Total	106				0		155.2	

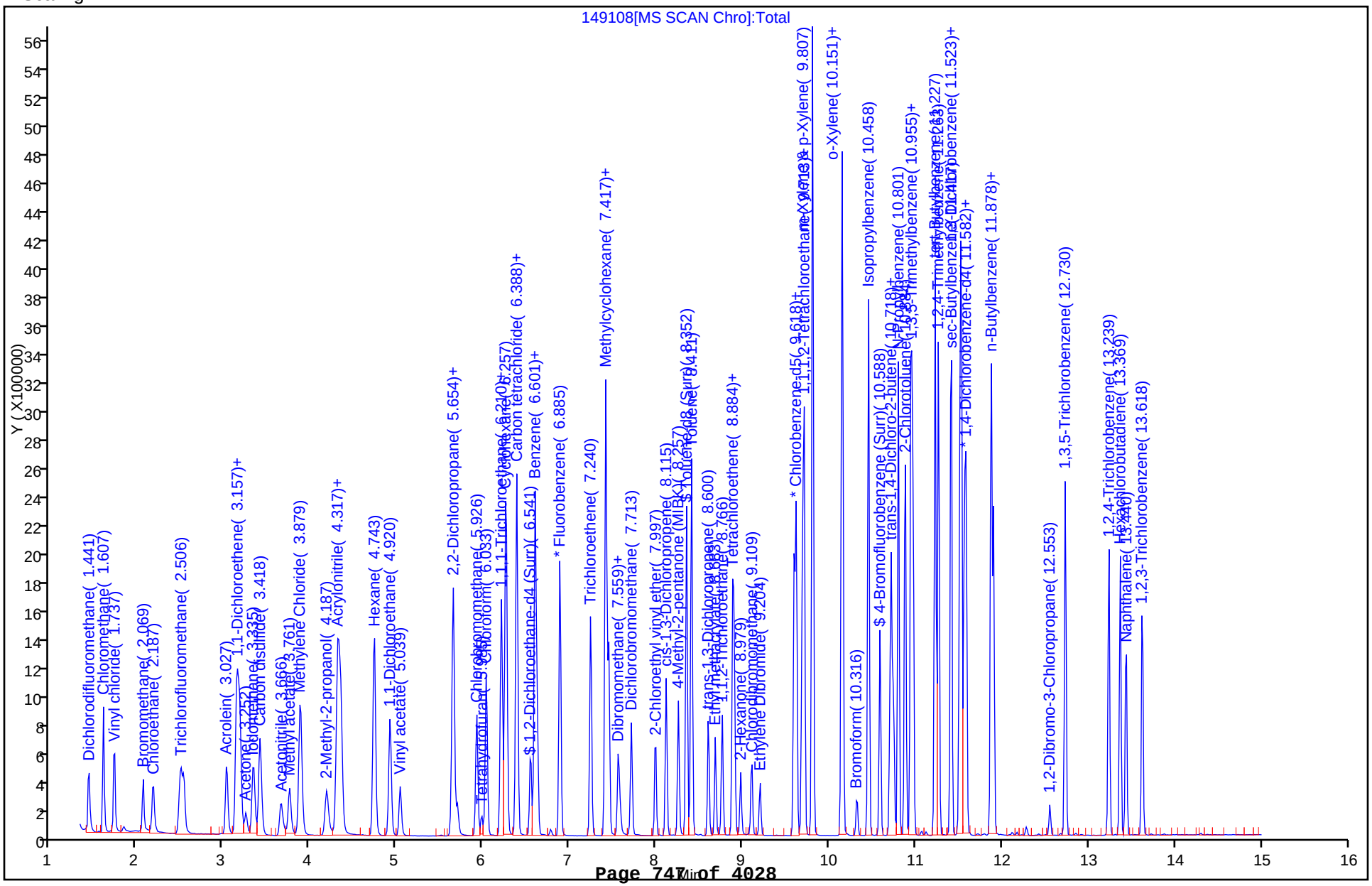
Report Date: 14-Nov-2012 15:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149108.D

Injection Date:	13-Nov-2012 17:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	6
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149109.D
Lims ID: IC 5 Client ID:
Inject. Date: 13-Nov-2012 18:19:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: ic 5
Misc. Info.: 240-0014916-007 =240-0014916-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 64859 Lims Sample ID: 7
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:55 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:27:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1320475	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	765749	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	456233	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	146969	20.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	163888	21.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	489993	20.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	165025	21.4	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	161720	21.3	
13 Chloromethane	50	1.607	1.607	0.0	89	272081	21.0	
14 Vinyl chloride	62	1.737	1.737	0.0	84	217685	21.5	
15 Bromomethane	94	2.069	2.069	0.0	90	76008	22.7	
16 Chloroethane	64	2.187	2.187	0.0	94	121690	20.9	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	87	210534	21.7	
20 Acrolein	56	3.027	3.027	0.0	95	184449	205.7	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	161339	21.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	83	160348	22.1	
22 Acetone	43	3.252	3.252	0.0	96	98863	46.7	
24 Iodomethane	142	3.347	3.347	-0.001	99	295018	21.8	
26 Carbon disulfide	76	3.418	3.418	0.0	99	394410	18.2	
27 Acetonitrile	41	3.666	3.666	0.0	99	171666	208.3	
28 Methyl acetate	43	3.761	3.761	0.0	98	220401	40.8	
30 Methylene Chloride	84	3.891	3.879	0.012	89	213373	22.2	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	165099	432.0	
32 Acrylonitrile	53	4.305	4.305	0.0	95	105995	41.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	181167	21.3	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	89	371794	21.6	
35 Hexane	86	4.743	4.743	0.0	96	38787	19.3	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	345487	21.1	
37 Vinyl acetate	86	5.039	5.039	0.0	97	13557	19.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	74	123818	22.5	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	183097	21.3	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	102501	39.0	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	81624	21.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	89	39432	21.4	
49 Chloroform	83	6.033	6.033	0.0	84	289607	21.2	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	91	234761	22.3	
51 Cyclohexane	56	6.257	6.257	0.0	95	461930	21.7	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	221877	21.0	
53 Carbon tetrachloride	117	6.388	6.388	0.0	72	198439	19.3	
55 Benzene	78	6.601	6.601	0.0	96	612512	20.8	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	215440	20.4	
60 Trichloroethene	130	7.240	7.240	0.0	92	170019	20.4	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	354215	21.8	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	151736	20.4	
65 Dibromomethane	93	7.559	7.559	0.0	88	66688	20.7	
66 1,4-Dioxane	88	7.583	7.583	0.0	95	44297	1061.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	128819	16.9	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	76766	38.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	80	135898	18.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	197223	41.8	
72 Toluene	91	8.411	8.411	0.0	91	559174	20.8	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	95928	16.9	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	77173	18.1	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	77860	21.3	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	128055	20.9	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	131178	20.5	
78 2-Hexanone	43	8.979	8.979	0.0	98	94486	38.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	71189	18.9	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	76236	21.4	
82 Chlorobenzene	112	9.618	9.618	0.0	89	353351	20.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	86	132946	20.5	
84 Ethylbenzene	106	9.713	9.713	0.0	98	196492	20.6	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	487854	41.8	
85 o-Xylene	106	10.150	10.151	0.0	95	269399	21.6	
86 Styrene	104	10.162	10.162	0.0	93	327115	20.5	
87 Bromoform	173	10.316	10.328	-0.012	94	33753	19.3	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	740744	22.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	98118	21.5	
91 Bromobenzene	156	10.718	10.718	0.0	93	148810	20.1	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	30596	20.2	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	49	27326	17.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	186998	20.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	172161	21.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	619176	21.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	157235	20.2	
97 tert-Butylbenzene	119	11.227	11.227	0.0	91	594629	21.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	602151	21.5	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	807678	21.8	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	321979	20.1	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	715161	22.2	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	329600	19.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	583487	21.6	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	319497	20.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	-0.001	61	14412	20.5	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	278916	21.3	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	228061	20.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	133386	22.3	
111 Naphthalene	128	13.440	13.440	0.0	97	388344	20.7	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	188992	20.7	
S 137 Trihalomethanes, Total	1				0		76.2	
S 11 1,2-Dichloroethene, Total	96				0		42.6	
S 9 1,3-Dichloropropene, Total	75				0		35.6	
S 114 Xylenes, Total	106				0		63.4	

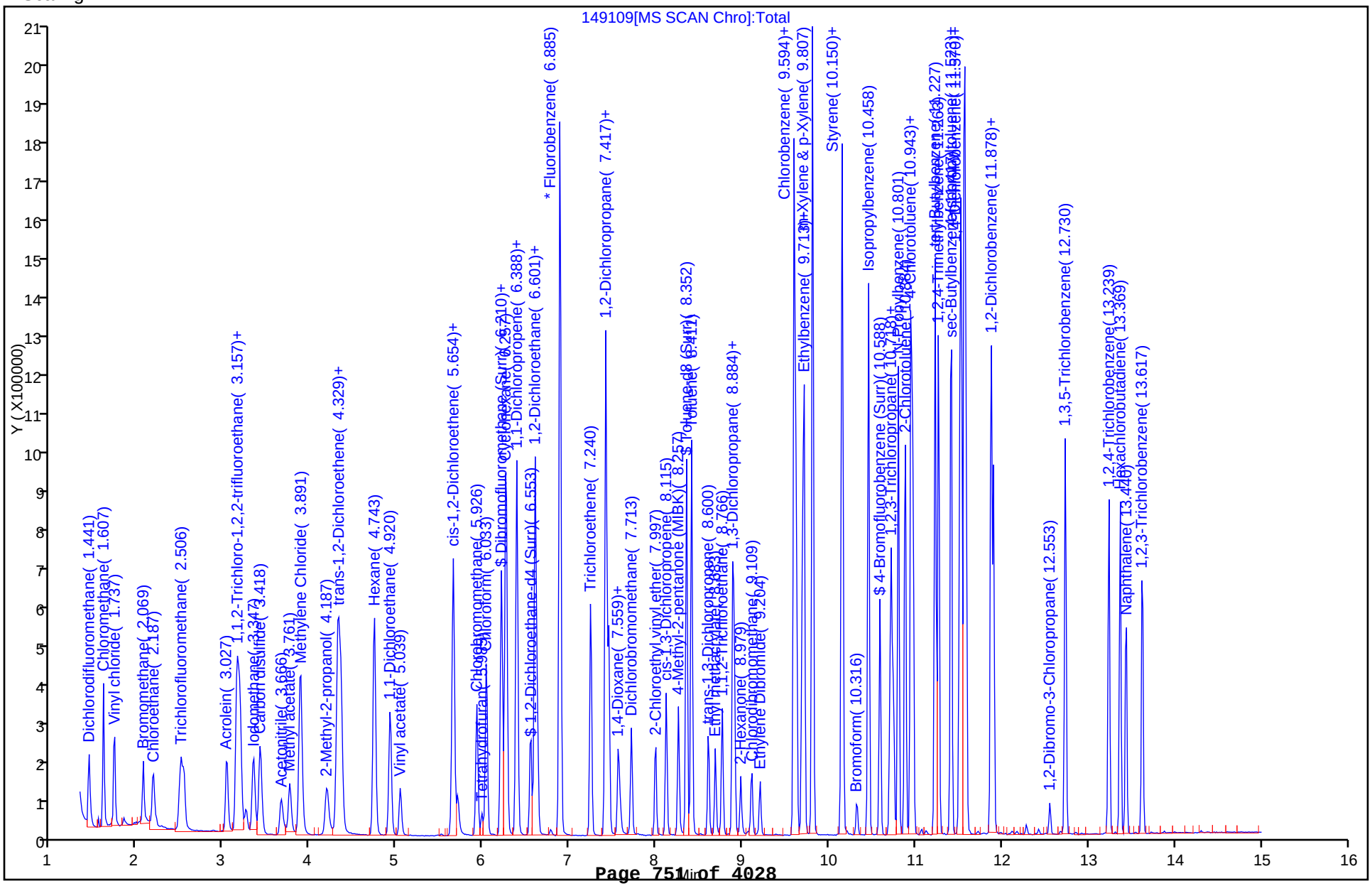
Report Date: 14-Nov-2012 15:22:55 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149109.D

Injection Date:	13-Nov-2012 18:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	7
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149110.D		
Lims ID:	IC 4	Client ID:	
Inject. Date:	13-Nov-2012 18:41:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	ic 4		
Misc. Info.:	240-0014916-008 =240-0014916-008		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	64859	Lims Sample ID:	8
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:56	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 09:32:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1357528	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	759480	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	463545	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	78941	10.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	88686	10.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	261942	10.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	88484	10.5	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	86	82511	10.6	
13 Chloromethane	50	1.607	1.607	0.0	89	135262	10.2	
14 Vinyl chloride	62	1.737	1.737	0.0	83	107509	10.3	
15 Bromomethane	94	2.069	2.069	0.0	90	40346	11.2	
16 Chloroethane	64	2.187	2.187	0.0	93	62735	10.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	85	104736	10.5	
20 Acrolein	56	3.039	3.027	0.012	95	88115	95.6	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	85	78637	10.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	76398	10.3	
22 Acetone	43	3.264	3.252	0.012	97	50024	19.6	
24 Iodomethane	142	3.347	3.347	0.0	99	141950	10.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	176057	8.38	
27 Acetonitrile	41	3.666	3.666	0.0	99	87036	102.7	
28 Methyl acetate	43	3.761	3.761	0.0	98	103288	18.6	
30 Methylene Chloride	84	3.891	3.879	0.012	90	126340	10.1	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	85	77319	196.8	
32 Acrylonitrile	53	4.305	4.305	0.0	55	49698	18.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	89048	10.2	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	174321	9.84	
35 Hexane	86	4.743	4.743	0.0	96	20234	9.81	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	169195	10.1	
37 Vinyl acetate	86	5.039	5.039	0.0	97	6066	8.64	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	56635	10.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	90166	10.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	95	51145	18.1	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	38873	10.0	
48 Tetrahydrofuran	42	5.985	5.985	0.0	86	17698	9.14	
49 Chloroform	83	6.033	6.033	0.0	85	140994	10.0	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	108164	10.0	
51 Cyclohexane	56	6.257	6.257	0.0	95	225927	10.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	84	111163	10.2	
53 Carbon tetrachloride	117	6.388	6.388	0.0	64	92086	9.07	
55 Benzene	78	6.601	6.601	0.0	97	296845	9.82	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	105152	9.70	
60 Trichloroethene	130	7.240	7.240	0.0	92	84617	9.88	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	175167	10.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	72151	9.46	
65 Dibromomethane	93	7.559	7.559	0.0	91	31991	9.65	
66 1,4-Dioxane	88	7.583	7.583	0.0	92	21934	511.3	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	58309	7.94	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	34747	18.1	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	55239	8.64	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	100	88556	18.9	
72 Toluene	91	8.411	8.411	0.0	96	269854	10.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	87	38061	7.41	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	32177	8.04	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	35558	9.80	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	60520	9.94	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	62074	9.79	
78 2-Hexanone	43	8.979	8.979	0.0	96	41139	16.9	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	28727	8.63	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	33893	9.59	
82 Chlorobenzene	112	9.618	9.618	0.0	90	169777	9.69	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	84	57173	9.21	
84 Ethylbenzene	106	9.713	9.713	0.0	98	92859	9.83	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	228784	19.8	
85 o-Xylene	106	10.150	10.151	0.0	95	127375	10.3	
86 Styrene	104	10.162	10.162	0.0	93	148820	9.41	
87 Bromoform	173	10.328	10.328	0.0	96	14126	10.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	342974	10.3	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	43332	9.36	
91 Bromobenzene	156	10.718	10.718	0.0	93	70715	9.40	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	71	14657	9.50	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	47	14248	9.08	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	88635	9.75	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	81078	9.83	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	286915	9.92	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	77171	9.76	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	275197	9.91	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	281537	9.89	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	385185	10.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	159688	9.79	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	96	330900	10.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	87	164421	9.72	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	275970	10.1	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	159459	10.1	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	58	5781	8.52	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	142774	10.7	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	115215	10.4	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	68886	11.3	
111 Naphthalene	128	13.440	13.440	0.0	97	188376	9.86	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	95	98772	10.7	
S 137 Trihalomethanes, Total	1				0		36.6	
S 11 1,2-Dichloroethene, Total	96				0		20.4	
S 9 1,3-Dichloropropene, Total	75				0		16.0	
S 114 Xylenes, Total	106				0		30.1	

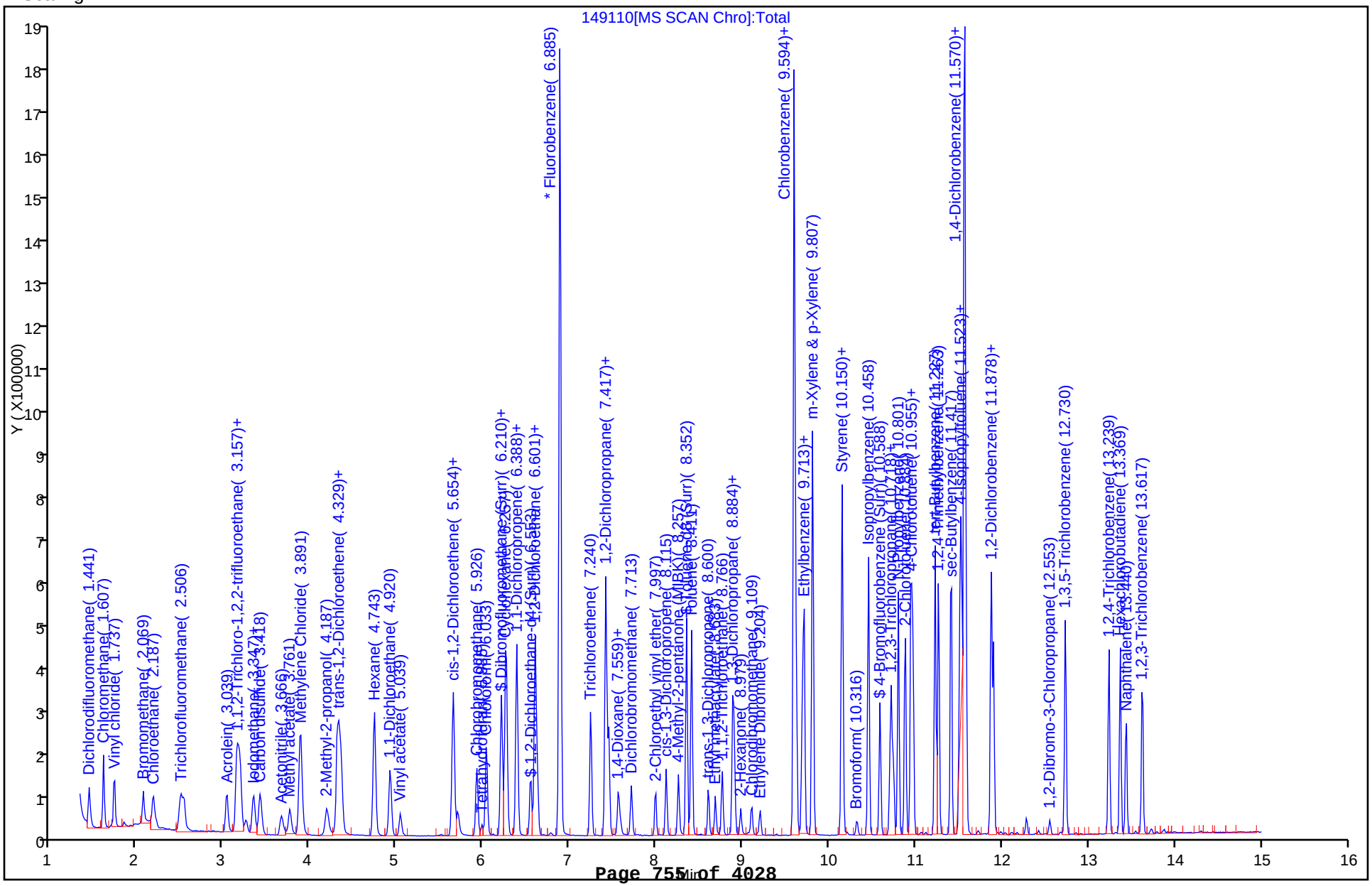
Report Date: 14-Nov-2012 15:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149110.D

Injection Date:	13-Nov-2012 18:41:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149111.D
Lims ID: IC 3 Client ID:
Inject. Date: 13-Nov-2012 19:02:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: ic 3
Misc. Info.: 240-0014916-009 =240-0014916-009
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 64859 Lims Sample ID: 9
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:57 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:31:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1369758	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	769298	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	475963	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	78	43376	5.22	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	51229	5.37	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	94	144345	5.28	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	50923	5.05	
12 Dichlorodifluoromethane	85	1.442	1.441	0.001	86	43671	5.55	
13 Chloromethane	50	1.607	1.607	0.0	89	71181	5.30	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	57964	5.51	
15 Bromomethane	94	2.069	2.069	0.0	88	21694	5.55	
16 Chloroethane	64	2.187	2.187	0.0	92	33147	5.48	
18 Trichlorofluoromethane	101	2.507	2.506	0.001	83	52063	5.19	
20 Acrolein	56	3.027	3.027	0.0	93	49585	53.3	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	87	39983	5.08	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	82	40163	5.34	
22 Acetone	43	3.252	3.252	0.0	97	31391	9.72	
24 Iodomethane	142	3.335	3.347	-0.012	100	72265	5.15	
26 Carbon disulfide	76	3.418	3.418	0.0	99	84572	4.41	
27 Acetonitrile	41	3.666	3.666	0.0	98	46125	54.0	
28 Methyl acetate	43	3.761	3.761	0.0	97	58662	10.5	
30 Methylene Chloride	84	3.879	3.879	0.0	89	93360	5.74	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	83	39940	100.8	
32 Acrylonitrile	53	4.305	4.305	0.0	92	27199	10.3	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	90	47533	5.38	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	92686	5.18	
35 Hexane	86	4.743	4.743	0.0	96	11588	5.57	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	87326	5.15	
37 Vinyl acetate	86	5.039	5.039	0.0	97	3079	4.65	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	63	28180	4.94	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	47449	5.33	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	89	30894	10.2	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	20994	5.36	
48 Tetrahydrofuran	42	5.985	5.985	0.0	87	10974	5.46	
49 Chloroform	83	6.033	6.033	0.0	84	72826	5.13	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	52558	4.82	
51 Cyclohexane	56	6.258	6.257	0.001	96	117550	5.32	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	59199	5.41	
53 Carbon tetrachloride	117	6.388	6.388	0.0	58	43488	4.60	
55 Benzene	78	6.601	6.601	0.0	97	160862	5.27	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	54823	5.01	
60 Trichloroethene	130	7.240	7.240	0.0	92	44946	5.20	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	88044	5.23	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	38810	5.04	
65 Dibromomethane	93	7.559	7.559	0.0	89	15838	4.73	
66 1,4-Dioxane	88	7.583	7.583	0.0	93	11737	271.2	
67 Dichlorobromomethane	83	7.713	7.713	0.0	88	28387	4.30	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	18171	10.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	74	27402	5.26	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	44863	9.45	
72 Toluene	91	8.411	8.411	0.0	91	137151	5.07	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	89	18422	4.11	
74 Ethyl methacrylate	69	8.683	8.683	0.0	87	15305	4.17	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	94	17884	4.87	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	33251	5.39	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	92	31225	4.86	
78 2-Hexanone	43	8.979	8.979	0.0	92	22515	9.12	
79 Chlorodibromomethane	129	9.109	9.109	0.0	82	13929	4.92	
123 Ethylene Dibromide	107	9.204	9.204	0.0	91	17983	5.03	
82 Chlorobenzene	112	9.618	9.618	0.0	87	88779	5.00	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	26175	4.48	
84 Ethylbenzene	106	9.713	9.713	0.0	98	48151	5.03	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	117908	10.1	
85 o-Xylene	106	10.151	10.151	0.001	94	64060	5.12	
86 Styrene	104	10.162	10.162	0.0	93	75133	4.69	
87 Bromoform	173	10.328	10.328	0.0	86	6385	6.25	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	172097	5.09	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	21908	4.61	
91 Bromobenzene	156	10.719	10.718	0.001	96	38695	5.01	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	71	8200	5.18	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	46	6839	4.25	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	46113	4.94	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	42265	4.99	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	144431	4.87	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	40495	4.99	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	140155	4.92	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	138620	4.74	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	190752	4.95	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	84949	5.07	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	84	162428	4.83	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	78	89135	5.13	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	93	139689	4.96	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	82976	5.13	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	46	3014	4.60	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	73328	5.36	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	61330	5.37	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	92	36068	5.78	
111 Naphthalene	128	13.440	13.440	0.0	97	96720	4.93	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	95	51672	5.43	
S 137 Trihalomethanes, Total	1				0		20.6	
S 11 1,2-Dichloroethene, Total	96				0		10.7	
S 9 1,3-Dichloropropene, Total	75				0		9.37	
S 114 Xylenes, Total	106				0		15.2	

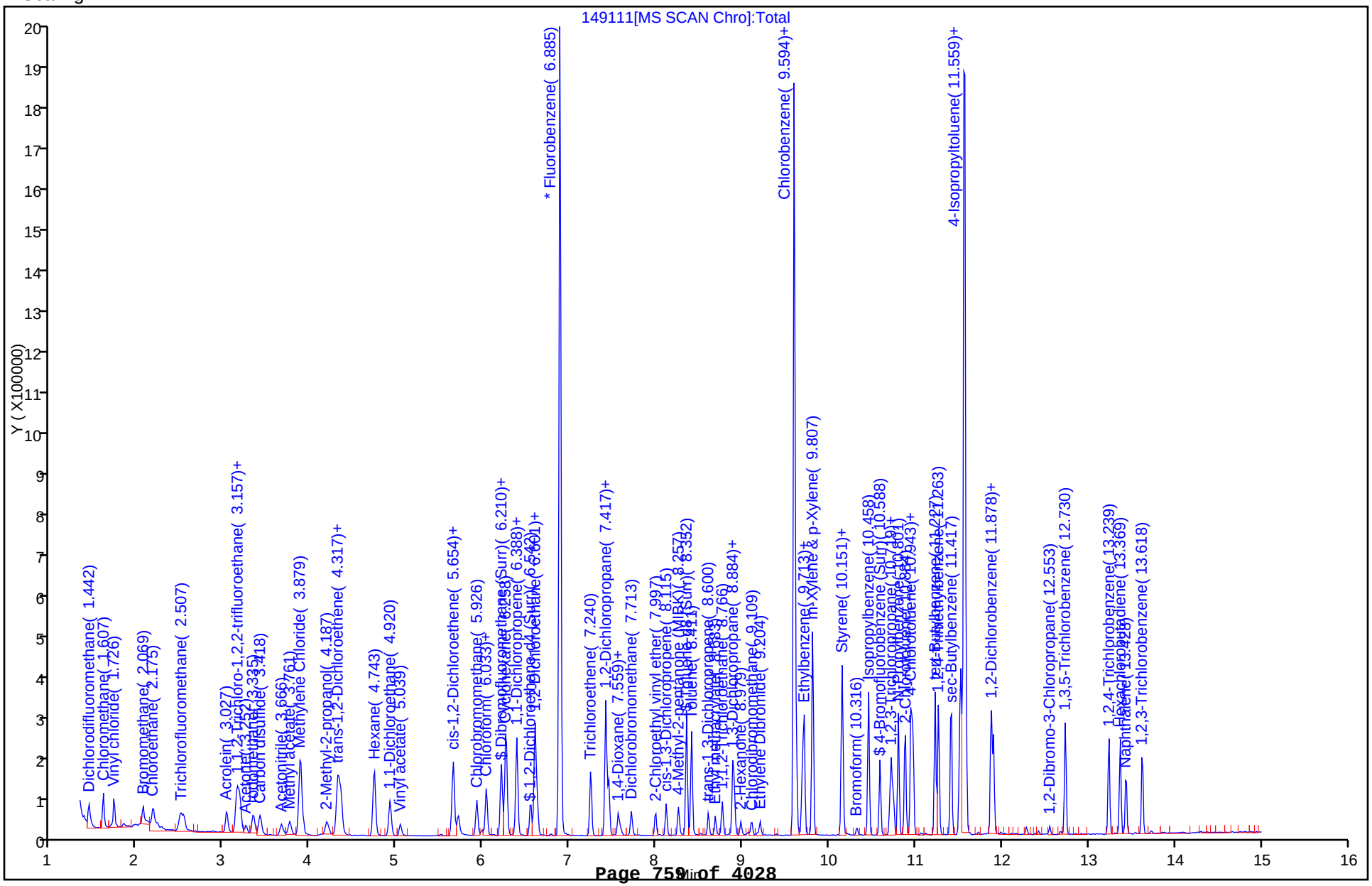
Report Date: 14-Nov-2012 15:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149111.D

Injection Date:	13-Nov-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	9
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149112.D
Lims ID: IC 2 Client ID:
Inject. Date: 13-Nov-2012 19:24:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: ic 2
Misc. Info.: 240-0014916-010 =240-0014916-010
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 64859 Lims Sample ID: 10
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:58 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:30:23

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1343660	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.0	98	759811	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	454007	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	21293	2.17	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	94	25772	2.09	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	94	70397	2.04	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	26365	1.86	
12 Dichlorodifluoromethane	85	1.430	1.441	-0.011	83	14492	1.88	
13 Chloromethane	50	1.607	1.607	0.0	89	27370	2.08	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	19480	1.89	
15 Bromomethane	94	2.057	2.069	-0.012	91	8277	1.59	
16 Chloroethane	64	2.175	2.187	-0.012	91	11870	2.00	
18 Trichlorofluoromethane	101	2.495	2.506	-0.011	78	16496	1.67	
20 Acrolein	56	3.027	3.027	0.0	91	19105	20.9	
21 1,1-Dichloroethene	96	3.146	3.145	0.001	83	14243	1.84	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	87	14057	1.91	
22 Acetone	43	3.252	3.252	0.0	94	22148	5.14	
24 Iodomethane	142	3.335	3.347	-0.012	98	26435	1.92	
26 Carbon disulfide	76	3.418	3.418	0.0	98	27388	2.00	
27 Acetonitrile	41	3.666	3.666	0.0	98	20232	24.1	
28 Methyl acetate	43	3.761	3.761	0.0	97	23602	4.29	
30 Methylene Chloride	84	3.879	3.879	0.0	88	65129	2.27	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	80	15618	40.2	
32 Acrylonitrile	53	4.305	4.305	0.0	92	11229	4.32	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	17525	2.02	
34 Methyl tert-butyl ether	73	4.353	4.352	0.001	83	34001	1.94	
35 Hexane	86	4.743	4.743	0.0	94	4159	2.04	
36 1,1-Dichloroethane	63	4.921	4.920	0.0	82	31317	1.88	
37 Vinyl acetate	86	5.039	5.039	0.0	98	1280	2.33	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	58	10027	1.79	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	16683	1.91	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	45	14939	4.26	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	7241	1.89	
48 Tetrahydrofuran	42	5.985	5.985	0.0	74	3649	1.59	
49 Chloroform	83	6.033	6.033	0.0	82	26809	1.92	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	78	17843	1.67	
51 Cyclohexane	56	6.258	6.257	0.001	97	39484	1.82	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	81	18859	1.76	
53 Carbon tetrachloride	117	6.388	6.388	0.0	65	14343	1.98	
55 Benzene	78	6.601	6.601	0.0	96	58561	1.96	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	94	21751	2.03	
60 Trichloroethene	130	7.240	7.240	0.0	87	16566	1.95	
63 Methylcyclohexane	83	7.417	7.417	0.0	94	27625	1.67	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	81	13836	1.83	
65 Dibromomethane	93	7.559	7.559	0.0	85	6443	1.96	
66 1,4-Dioxane	88	7.583	7.583	0.0	90	3980	93.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	85	9759	2.10	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	83	6345	5.03	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	70	9137	3.10	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	94	16736	3.57	
72 Toluene	91	8.411	8.411	0.0	95	53025	1.99	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	77	6269	2.13	
74 Ethyl methacrylate	69	8.683	8.683	0.0	80	6210	2.15	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	86	6770	1.86	
77 Tetrachloroethene	164	8.885	8.884	0.001	88	11858	1.95	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	87	12713	2.00	
78 2-Hexanone	43	8.979	8.979	0.0	91	8731	3.58	
79 Chlorodibromomethane	129	9.109	9.109	0.0	57	4983	2.74	
123 Ethylene Dibromide	107	9.204	9.204	0.0	87	6136	1.74	
82 Chlorobenzene	112	9.618	9.618	0.0	87	36855	2.10	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	76	8935	1.93	
84 Ethylbenzene	106	9.713	9.713	0.0	97	18275	1.93	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	98	42642	3.68	
85 o-Xylene	106	10.151	10.151	0.001	93	24817	2.01	
86 Styrene	104	10.162	10.162	0.0	90	26907	1.70	
87 Bromoform	173	10.316	10.328	-0.012	73	2141	4.20	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	59507	1.78	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	79	7468	1.65	
91 Bromobenzene	156	10.719	10.718	0.001	90	13903	1.89	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	67	2942	1.95	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	32	2744	1.79	
94 N-Propylbenzene	120	10.801	10.801	0.0	98	15593	1.75	
95 2-Chlorotoluene	126	10.884	10.884	0.0	95	14742	1.82	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	89	47056	1.66	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	14041	1.81	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	44793	1.65	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	50292	1.80	
99 sec-Butylbenzene	105	11.417	11.417	0.0	93	59906	1.63	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	94	32906	2.06	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	82	52909	1.65	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	77	36251	2.19	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	95	47240	1.76	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	94	32668	2.12	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	31	1114	2.09	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	26968	2.07	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	22983	2.11	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	90	10991	1.85	
111 Naphthalene	128	13.440	13.440	0.0	95	39563	2.11	
112 1,2,3-Trichlorobenzene	180	13.630	13.629	0.001	94	20191	2.23	
S 137 Trihalomethanes, Total	1				0		11.0	
S 11 1,2-Dichloroethene, Total	96				0		3.93	
S 9 1,3-Dichloropropene, Total	75				0		5.23	
S 114 Xylenes, Total	106				0		5.69	

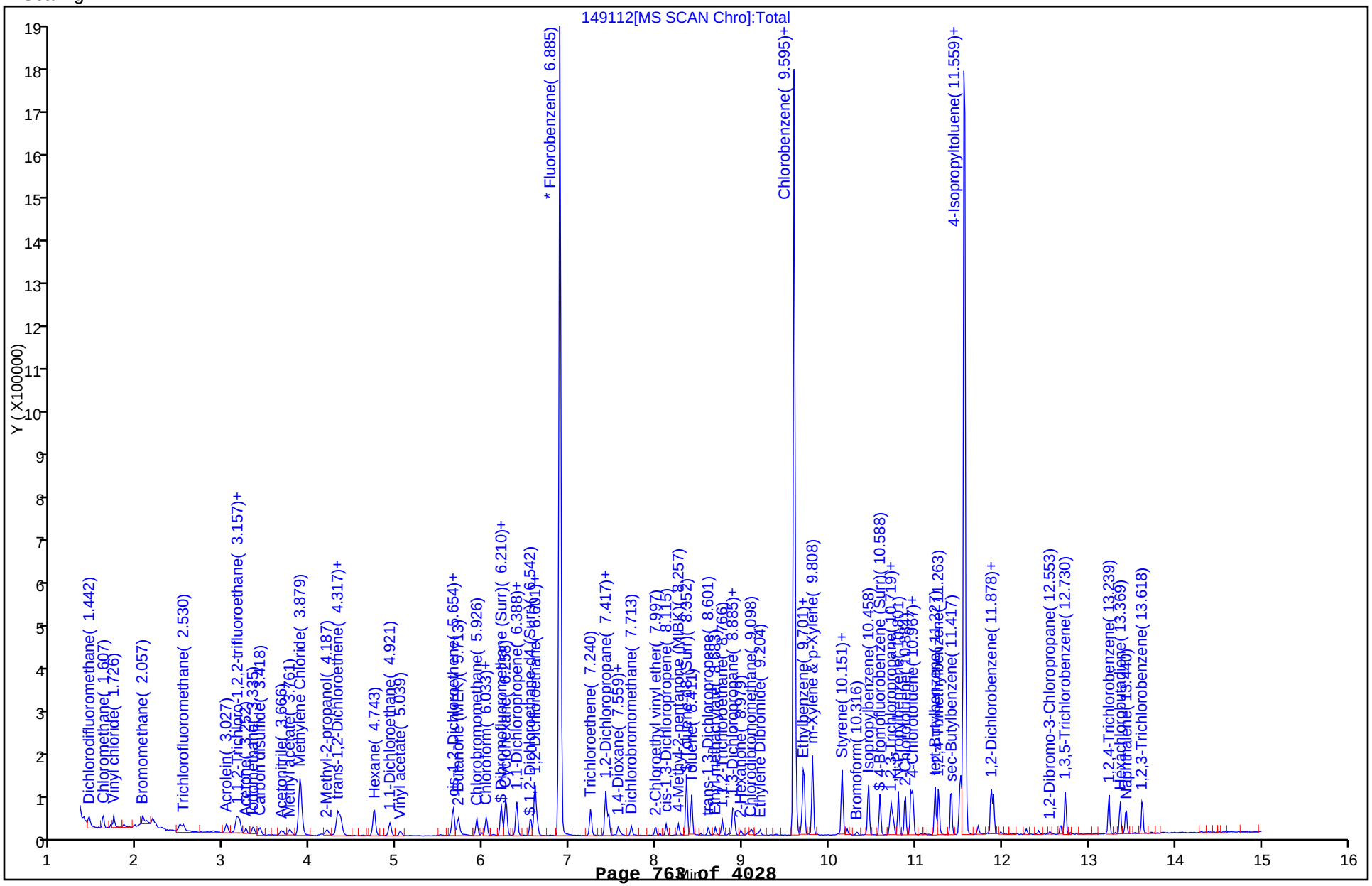
Report Date: 14-Nov-2012 15:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149112.D

Injection Date:	13-Nov-2012 19:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	10
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149113.D		
Lims ID:	IC 1	Client ID:	
Inject. Date:	13-Nov-2012 19:45:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	ic 1		
Misc. Info.:	240-0014916-011 =240-0014916-011		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	64859	Lims Sample ID:	11
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:59	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 09:28:56

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1421674	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	822115	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	482747	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	49	12918	0.8594	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	97	17695	0.8819	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	91	48420	0.8852	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	85	16351	0.2673	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	82	7516	0.9196	
13 Chloromethane	50	1.607	1.607	0.0	88	14646	1.05	
14 Vinyl chloride	62	1.725	1.737	-0.012	78	9867	0.9036	
15 Bromomethane	94	2.069	2.069	0.0	87	6112	0.8253	
16 Chloroethane	64	2.187	2.187	0.0	80	6364	1.01	
18 Trichlorofluoromethane	101	2.495	2.506	-0.011	66	8449	0.8107	
20 Acrolein	56	3.027	3.027	0.0	97	10367	10.7	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	81	7569	0.9261	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	65	6252	0.8011	
22 Acetone	43	3.252	3.252	0.0	96	15114	0.9809	
24 Iodomethane	142	3.347	3.347	-0.001	99	13022	0.8946	
26 Carbon disulfide	76	3.418	3.418	0.0	89	13442	1.36	
27 Acetonitrile	41	3.666	3.666	0.0	94	9385	10.6	
28 Methyl acetate	43	3.761	3.761	0.0	88	14079	2.42	
30 Methylene Chloride	84	3.879	3.879	0.0	87	54970	0.5435	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	81	8325	20.2	
32 Acrylonitrile	53	4.293	4.305	-0.012	81	6401	2.33	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	8450	0.9209	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	77	16031	0.8638	
35 Hexane	86	4.743	4.743	0.0	94	2602	1.20	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	16970	0.9647	
37 Vinyl acetate	86	5.050	5.039	0.011	95	403	1.13	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.654	5.642	0.012	39	4575	0.7731	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	64	8880	0.9613	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	38	9988	2.11	
47 Chlorobromomethane	128	5.926	5.926	0.0	79	3854	0.9483	
48 Tetrahydrofuran	42	5.985	5.985	0.0	82	2940	1.12	
49 Chloroform	83	6.033	6.033	0.0	79	13739	0.9320	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	58	8081	0.7133	
51 Cyclohexane	56	6.257	6.257	0.0	94	20040	0.8730	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	79	9957	0.8766	
53 Carbon tetrachloride	117	6.388	6.388	0.0	67	6386	1.21	
55 Benzene	78	6.601	6.601	0.0	94	31342	0.9900	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	92	12816	1.13	
60 Trichloroethene	130	7.240	7.240	0.0	85	8563	0.9544	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	15420	0.8831	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	81	7874	0.9854	
65 Dibromomethane	93	7.559	7.559	0.0	82	3639	1.05	
66 1,4-Dioxane	88	7.595	7.583	0.012	67	1977	44.0	
67 Dichlorobromomethane	83	7.713	7.713	0.0	79	5217	1.52	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	78	4368	3.98	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	61	5140	2.58	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	82	9717	1.92	
72 Toluene	91	8.411	8.411	0.0	94	30130	1.04	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	60	3281	1.59	
74 Ethyl methacrylate	69	8.683	8.683	0.0	75	3334	1.43	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	80	4117	1.05	
77 Tetrachloroethene	164	8.884	8.884	0.0	89	6896	1.05	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	82	7169	1.04	
78 2-Hexanone	43	8.979	8.979	0.0	93	5765	2.18	
79 Chlorodibromomethane	129	9.109	9.109	0.0	45	2658	2.11	
123 Ethylene Dibromide	107	9.204	9.204	0.0	68	3392	0.8870	
82 Chlorobenzene	112	9.618	9.618	0.0	74	20226	1.07	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	69	3948	1.13	
84 Ethylbenzene	106	9.713	9.713	0.0	97	10233	1.00	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	24371	1.94	
85 o-Xylene	106	10.150	10.151	0.0	92	12302	0.9195	
86 Styrene	104	10.162	10.162	0.0	84	14882	0.8690	
87 Bromoform	173	10.328	10.328	0.0	47	1522	3.83	
88 Isopropylbenzene	105	10.458	10.458	0.0	95	31276	0.8654	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	70	4412	0.9150	
91 Bromobenzene	156	10.718	10.718	0.0	92	8083	1.03	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	64	1693	1.05	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	17	2001	1.22	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	8099	0.8551	
95 2-Chlorotoluene	126	10.884	10.884	0.0	94	8234	0.9582	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	81	24684	0.8198	
104 4-Chlorotoluene	126	10.967	10.967	0.0	96	8345	1.01	
97 tert-Butylbenzene	119	11.227	11.227	0.0	86	22518	0.7787	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	88	26254	0.8856	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	92	28989	0.7411	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	90	18520	1.09	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	80	26839	0.7868	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	42	20348	1.16	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	93	24347	0.8520	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	93	18057	1.10	
107 1,2-Dibromo-3-Chloropropane	157	12.564	12.553	0.011	1	754	1.52	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	93	14327	1.03	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	86	13485	1.16	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	83	5982	0.9447	
111 Naphthalene	128	13.440	13.440	0.0	94	21699	1.09	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	90	10634	1.10	
S 137 Trihalomethanes, Total	1				0		8.39	
S 11 1,2-Dichloroethene, Total	96				0		1.88	
S 9 1,3-Dichloropropene, Total	75				0		4.17	
S 114 Xylenes, Total	106				0		2.86	

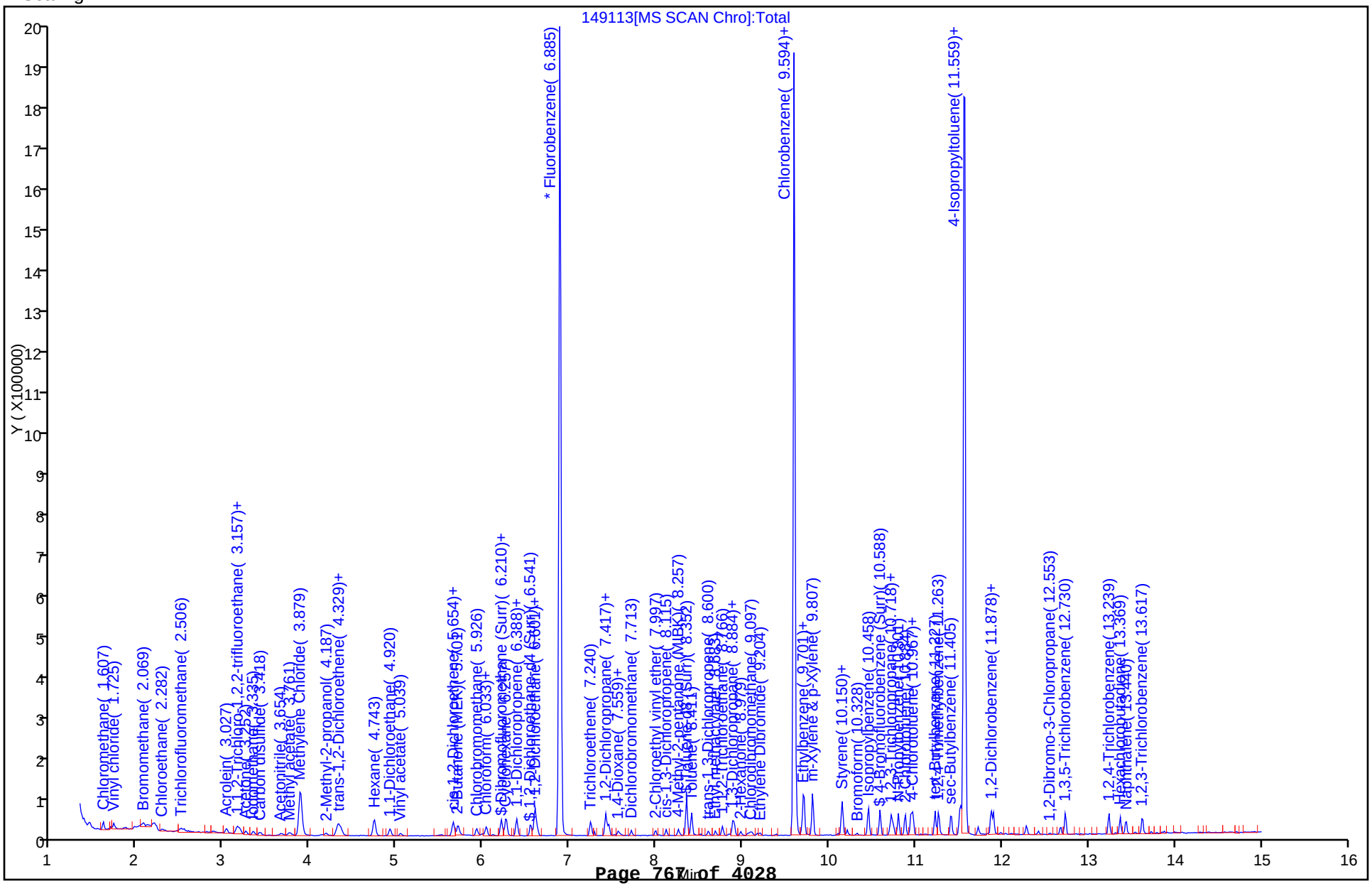
Report Date: 14-Nov-2012 15:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149113.D

Injection Date:	13-Nov-2012 19:45:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	11
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0858.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1993	0.2177	0.1000	0.0109	0.0100	9.2	20.0
Chloromethane	Ave	0.3843	0.4089	0.1000	0.0106	0.0100	6.4	20.0
Vinyl chloride	Ave	0.3042	0.3274	0.1000	0.0108	0.0100	7.6	20.0
Bromomethane	Ave	0.1423	0.1415	0.0500	0.00995	0.0100	-0.5	20.0
Chloroethane	Ave	0.1471	0.1461	0.0500	0.00994	0.0100	-0.6	20.0
Trichlorofluoromethane	Ave	0.2208	0.2292	0.1000	0.0104	0.0100	3.8	20.0
Acrolein	Ave	0.0354	0.0322		0.0273	0.0300	-9.1	20.0
1,1-Dichloroethene	Ave	0.2447	0.2686	0.1000	0.0110	0.0100	9.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853	0.1927	0.0500	0.0104	0.0100	4.0	20.0
Acetone	Lin1		0.0905	0.0500	0.0235	0.0200	17.4	20.0
Iodomethane	Ave	0.4163	0.4678		0.0112	0.0100	12.4	20.0
Carbon disulfide	Ave	0.7761	0.8842	0.1000	0.0114	0.0100	13.9	20.0
Acetonitrile	Qua		0.0389		0.0360	0.0300	19.9	20.0
Methyl acetate	Ave	0.2338	0.2379	0.1000	0.0102	0.0100	1.8	20.0
Methylene Chloride	Ave	0.3451	0.3445	0.1000	0.00998	0.0100	-0.2	20.0
2-Methyl-2-propanol	Ave	0.0202	0.0243		0.240	0.200	20.0	20.0
Acrylonitrile	Ave	0.1172	0.1200		0.0307	0.0300	2.4	20.0
Methyl tert-butyl ether	Ave	0.8708	0.9193	0.1000	0.0106	0.0100	5.6	20.0
trans-1,2-Dichloroethene	Ave	0.2998	0.3211	0.1000	0.0107	0.0100	7.1	20.0
1,1-Dichloroethane	Ave	0.5111	0.5533	0.1000	0.0108	0.0100	8.3	20.0
Vinyl acetate	Ave	0.0530	0.0512		0.00965	0.0100	-3.5	20.0
2-Butanone (MEK)	Ave	0.1314	0.1294	0.0500	0.0197	0.0200	-1.5	20.0
cis-1,2-Dichloroethene	Ave	0.3334	0.3559	0.1000	0.0107	0.0100	6.8	20.0
2,2-Dichloropropane	Ave	0.2926	0.2874		0.00982	0.0100	-1.8	20.0
Bromochloromethane	Ave	0.1617	0.1710		0.0106	0.0100	5.8	20.0
Chloroform	Ave	0.5145	0.5187	0.2000	0.0101	0.0100	0.8	20.0
1,1,1-Trichloroethane	Ave	0.3526	0.3649	0.1000	0.0103	0.0100	3.5	20.0
Cyclohexane	Ave	0.3996	0.3715	0.1000	0.00930	0.0100	-7.0	20.0
1,1-Dichloropropene	Ave	0.3619	0.3605		0.00996	0.0100	-0.4	20.0
Carbon tetrachloride	Ave	0.2845	0.2865	0.1000	0.0101	0.0100	0.7	20.0
1,2-Dichloroethane	Ave	0.3706	0.3907	0.1000	0.0105	0.0100	5.4	20.0
Benzene	Ave	1.258	1.315	0.5000	0.0105	0.0100	4.5	20.0
Trichloroethene	Ave	0.3103	0.3241	0.2000	0.0104	0.0100	4.4	20.0
1,2-Dichloropropane	Ave	0.2919	0.3068	0.1000	0.0105	0.0100	5.1	20.0
Methylcyclohexane	Ave	0.3294	0.2903	0.1000	0.00881	0.0100	-11.9	20.0
Dibromomethane	Ave	0.1691	0.1838		0.0109	0.0100	8.7	20.0
Bromodichloromethane	Ave	0.3468	0.3667	0.1000	0.0106	0.0100	5.7	20.0
cis-1,3-Dichloropropene	Ave	0.4281	0.4242	0.1500	0.00991	0.0100	-0.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2537	0.2677	0.0500	0.0211	0.0200	5.5	20.0
Toluene	Ave	1.886	1.874	0.4000	0.00994	0.0100	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0858.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,3-Dichloropropene	Ave	0.5342	0.5486	0.1000	0.0103	0.0100	2.7	20.0
1,1,2-Trichloroethane	Ave	0.3821	0.3892	0.1000	0.0102	0.0100	1.9	20.0
1,3-Dichloropropane	Ave	0.6731	0.6835		0.0102	0.0100	1.5	20.0
Tetrachloroethene	Ave	0.3403	0.3254	0.2000	0.00956	0.0100	-4.4	20.0
2-Hexanone	Ave	0.2308	0.2374	0.0500	0.0206	0.0200	2.9	20.0
Dibromochloromethane	Ave	0.3707	0.3744		0.0101	0.0100	1.0	20.0
1,2-Dibromoethane	Ave	0.3704	0.3750		0.0101	0.0100	1.2	20.0
Chlorobenzene	Ave	1.193	1.189	0.3000	0.00997	0.0100	-0.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4139	0.4132		0.00998	0.0100	-0.2	20.0
Ethylbenzene	Ave	0.5964	0.6087		0.0102	0.0100	2.1	20.0
m-Xylene & p-Xylene	Ave	0.7563	0.7570		0.0200	0.0200	0.0	20.0
o-Xylene	Ave	0.7419	0.7763		0.0105	0.0100	4.6	20.0
Styrene	Ave	1.191	1.255	0.3000	0.0105	0.0100	5.4	20.0
Bromoform	Ave	0.2244	0.2208	0.1000	0.00984	0.0100	-1.6	20.0
Isopropylbenzene	Ave	1.667	1.686	0.1000	0.0101	0.0100	1.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9320	0.8642	0.3000	0.00927	0.0100	-7.3	20.0
Bromobenzene	Ave	0.9309	0.9092		0.00977	0.0100	-2.3	20.0
1,2,3-Trichloropropane	Ave	0.3012	0.2962		0.00983	0.0100	-1.7	20.0
N-Propylbenzene	Ave	0.8226	0.7998		0.00972	0.0100	-2.8	20.0
2-Chlorotoluene	Ave	0.8267	0.8033		0.00972	0.0100	-2.8	20.0
1,3,5-Trimethylbenzene	Ave	2.535	2.532		0.00999	0.0100	-0.1	20.0
4-Chlorotoluene	Ave	0.8808	0.8572		0.00973	0.0100	-2.7	20.0
tert-Butylbenzene	Ave	2.082	1.937		0.00931	0.0100	-6.9	20.0
1,2,4-Trimethylbenzene	Ave	2.621	2.638		0.0101	0.0100	0.6	20.0
sec-Butylbenzene	Ave	2.652	2.466		0.00930	0.0100	-7.0	20.0
1,3-Dichlorobenzene	Ave	1.669	1.586	0.6000	0.00950	0.0100	-5.0	20.0
4-Isopropyltoluene	Ave	2.229	2.186		0.00981	0.0100	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.798	1.663	0.5000	0.00925	0.0100	-7.5	20.0
n-Butylbenzene	Ave	1.765	1.649		0.00935	0.0100	-6.5	20.0
1,2-Dichlorobenzene	Ave	1.670	1.583	0.4000	0.00948	0.0100	-5.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1572	0.1402	0.0500	0.00892	0.0100	-10.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8483	0.6689	0.2000	0.00788	0.0100	-21.2*	20.0
Hexachlorobutadiene	Qua		0.2368		0.00685	0.0100	-31.5*	20.0
Naphthalene	Ave	2.585	1.767		0.00683	0.0100	-31.7*	20.0
1,2,3-Trichlorobenzene	Ave	0.9161	0.6183		0.00675	0.0100	-32.5*	20.0
Dibromofluoromethane (Surr)	Ave	0.2739	0.2738		0.0100	0.0100	-0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219	0.3335		0.0104	0.0100	3.6	20.0
Toluene-d8 (Surr)	Ave	1.574	1.567		0.00996	0.0100	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5205	0.5217		0.0100	0.0100	0.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D
Lims ID: ICV Client ID:
Inject. Date: 12-Nov-2012 19:38:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014871-014
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 64678 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:03 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 09:00:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.204	-0.001	99	1733806	10.0	
* 2 Chlorobenzene-d5	117	7.877	7.878	-0.001	84	1200825	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	86	656657	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.627	0.008	67	474779	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.003	0	578230	10.4	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1881686	9.96	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	626481	10.0	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	96	377423	10.9	
13 Chloromethane	50	1.689	1.704	-0.015	88	708928	10.6	
14 Vinyl chloride	62	1.795	1.799	-0.004	94	567623	10.8	
16 Bromomethane	94	2.091	2.094	-0.003	90	245374	9.95	
17 Chloroethane	64	2.174	2.177	-0.003	94	253349	9.94	
19 Trichlorofluoromethane	101	2.387	2.390	-0.003	98	397419	10.4	
20 Ethyl ether	59	2.600	2.601	-0.001	88	482426	11.0	
21 Acrolein	56	2.707	2.698	0.009	90	167384	27.3	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	94	465617	11.0	
24 Acetone	43	2.825	2.828	-0.003	89	313899	23.5	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.840	-0.015	83	334041	10.4	
26 Iodomethane	142	2.943	2.935	0.008	96	811057	11.2	
27 Carbon disulfide	76	3.002	3.006	-0.004	98	1533075	11.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	202282	36.0	
30 Methyl acetate	43	3.097	3.100	-0.003	95	412477	10.2	
31 Methylene Chloride	84	3.192	3.195	-0.003	88	597311	9.98	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	99	841124	240.0	
33 Acrylonitrile	53	3.381	3.384	-0.003	99	624148	30.7	
35 Methyl tert-butyl ether	73	3.428	3.432	-0.004	85	1593919	10.6	
34 trans-1,2-Dichloroethene	96	3.428	3.432	-0.004	60	556717	10.7	
36 Hexane	86	3.665	3.656	0.009	91	78615	9.48	
37 1,1-Dichloroethane	63	3.771	3.775	-0.004	85	959371	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.798	-0.003	97	88731	9.65	
39 Isopropyl ether	87	3.819	3.820	-0.001	95	542311	10.8	
42 2-Butanone (MEK)	43	4.245	4.236	0.009	68	448547	19.7	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	81	617044	10.7	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	88	498345	9.82	
48 Chlorobromomethane	128	4.446	4.449	-0.003	88	296503	10.6	
49 Tetrahydrofuran	42	4.493	4.485	0.008	94	171312	10.2	
50 Chloroform	83	4.493	4.497	-0.004	81	899259	10.1	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	632699	10.3	
52 Cyclohexane	56	4.742	4.745	-0.003	87	644176	9.30	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	96	625005	9.96	
54 Carbon tetrachloride	117	4.825	4.816	0.009	78	496653	10.1	
55 Isobutyl alcohol	41	4.848	4.849	-0.001	95	803006	506.1	
56 1,2-Dichloroethane	62	4.978	4.982	-0.004	53	677427	10.5	
57 Benzene	78	4.978	4.982	-0.004	94	2280048	10.5	
61 Trichloroethene	130	5.523	5.514	0.009	92	561868	10.4	
63 Methylcyclohexane	83	5.700	5.703	-0.003	83	503273	8.81	
64 1,2-Dichloropropane	63	5.700	5.703	-0.003	86	531900	10.5	
66 Dibromomethane	93	5.807	5.798	0.009	85	318627	10.9	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	100	635754	10.6	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	286052	9.96	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	92	735422	9.91	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	928124	21.1	
73 Toluene	91	6.623	6.626	-0.003	98	2250888	9.94	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	88	658804	10.3	
76 1,1,2-Trichloroethane	97	6.966	6.970	-0.004	91	467380	10.2	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	91	820723	10.2	
78 Tetrachloroethene	164	7.132	7.135	-0.003	92	390726	9.56	
79 2-Hexanone	43	7.179	7.183	-0.004	96	570251	20.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	90	449523	10.1	
83 Ethylene Dibromide	107	7.451	7.455	-0.004	99	450271	10.1	
85 Chlorobenzene	112	7.913	7.904	0.009	97	1427849	9.97	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	84	496117	9.98	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	730912	10.2	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	99	1818083	20.0	
89 o-Xylene	106	8.493	8.496	-0.003	90	932232	10.5	
90 Styrene	104	8.505	8.508	-0.003	93	1507119	10.5	
91 Bromoform	173	8.682	8.685	-0.003	98	265154	9.84	
92 Isopropylbenzene	105	8.848	8.851	-0.003	95	2025033	10.1	
94 Cyclohexanone	55	8.931	8.932	-0.001	88	376968	51.9	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	93	567498	9.27	
96 Bromobenzene	156	9.144	9.147	-0.003	92	597026	9.77	
97 1,2,3-Trichloropropane	110	9.155	9.159	-0.004	72	194508	9.83	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.170	-0.003	74	235546	17.6	
99 N-Propylbenzene	120	9.250	9.241	0.009	97	525200	9.72	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	527466	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	1662869	9.99	
102 4-Chlorotoluene	126	9.439	9.431	0.008	96	562871	9.73	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	85	1271954	9.31	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	76	1732194	10.1	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	92	1619588	9.30	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	97	1041473	9.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	93	1435438	9.81	
108 1,4-Dichlorobenzene	146	10.149	10.153	-0.004	94	1091774	9.25	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	95	1858034	10.3	
110 n-Butylbenzene	91	10.493	10.496	-0.004	94	1082803	9.35	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	97	1039465	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.289	-0.004	83	92074	8.92	
114 1,2,4-Trichlorobenzene	180	12.125	12.129	-0.004	93	439209	7.88	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	95	155523	6.85	
116 Naphthalene	128	12.374	12.377	-0.003	100	1160078	6.83	
117 1,2,3-Trichlorobenzene	180	12.622	12.626	-0.004	99	406007	6.75	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.4	
S 122 Xylenes, Total	106				0		30.5	

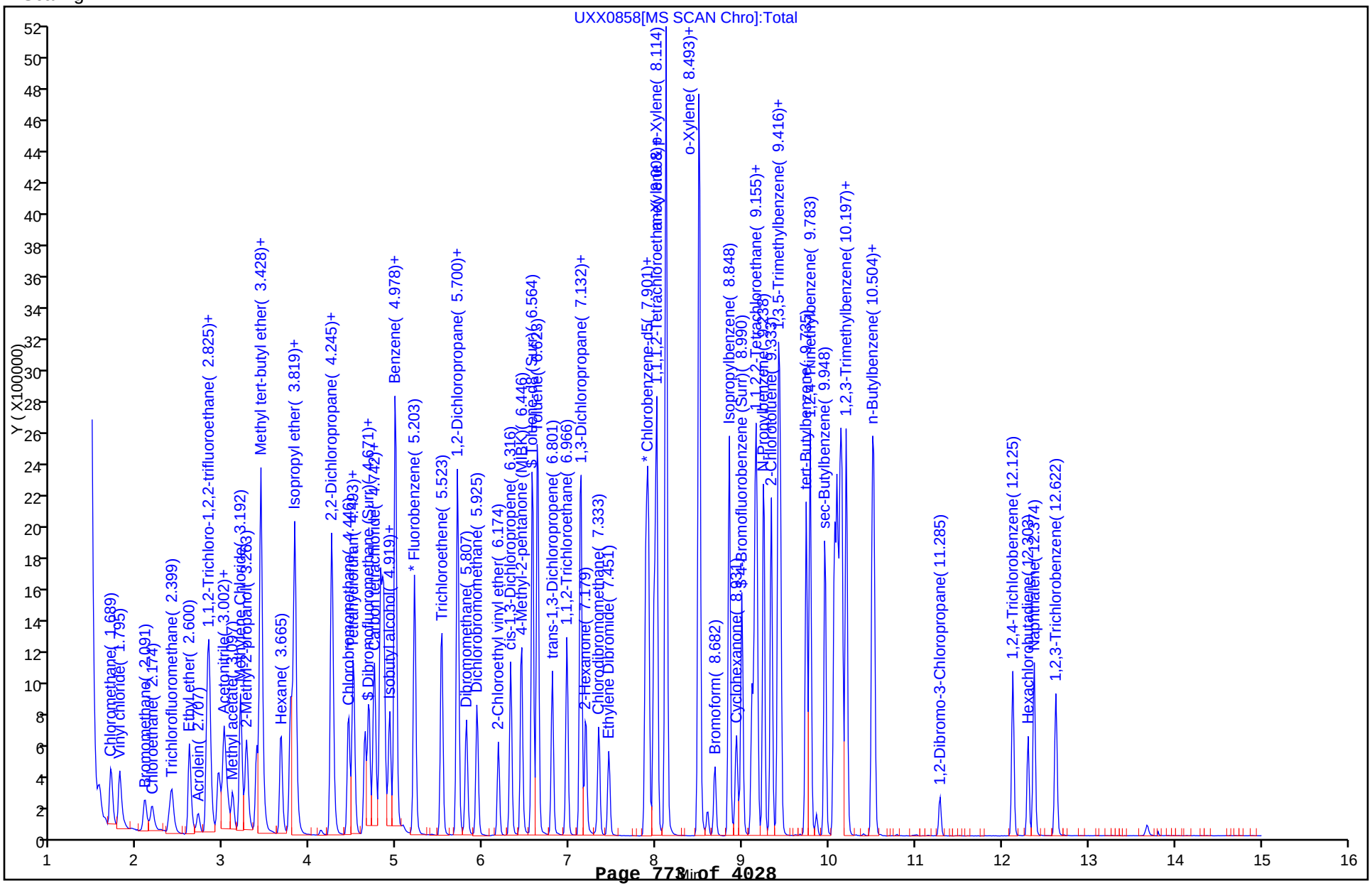
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D

Injection Date:	12-Nov-2012 19:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 17:24

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 19:16

Lab File ID: UXX0858.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isobutyl alcohol	Ave	0.0132	0.0134		0.506	0.500	1.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D
Lims ID: ICV Client ID:
Inject. Date: 12-Nov-2012 19:38:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014871-014
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 64678 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:03 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 09:00:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.204	-0.001	99	1733806	10.0	
* 2 Chlorobenzene-d5	117	7.877	7.878	-0.001	84	1200825	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	86	656657	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.627	0.008	67	474779	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.003	0	578230	10.4	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1881686	9.96	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	626481	10.0	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	96	377423	10.9	
13 Chloromethane	50	1.689	1.704	-0.015	88	708928	10.6	
14 Vinyl chloride	62	1.795	1.799	-0.004	94	567623	10.8	
16 Bromomethane	94	2.091	2.094	-0.003	90	245374	9.95	
17 Chloroethane	64	2.174	2.177	-0.003	94	253349	9.94	
19 Trichlorofluoromethane	101	2.387	2.390	-0.003	98	397419	10.4	
20 Ethyl ether	59	2.600	2.601	-0.001	88	482426	11.0	
21 Acrolein	56	2.707	2.698	0.009	90	167384	27.3	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	94	465617	11.0	
24 Acetone	43	2.825	2.828	-0.003	89	313899	23.5	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.840	-0.015	83	334041	10.4	
26 Iodomethane	142	2.943	2.935	0.008	96	811057	11.2	
27 Carbon disulfide	76	3.002	3.006	-0.004	98	1533075	11.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	202282	36.0	
30 Methyl acetate	43	3.097	3.100	-0.003	95	412477	10.2	
31 Methylene Chloride	84	3.192	3.195	-0.003	88	597311	9.98	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	99	841124	240.0	
33 Acrylonitrile	53	3.381	3.384	-0.003	99	624148	30.7	
35 Methyl tert-butyl ether	73	3.428	3.432	-0.004	85	1593919	10.6	
34 trans-1,2-Dichloroethene	96	3.428	3.432	-0.004	60	556717	10.7	
36 Hexane	86	3.665	3.656	0.009	91	78615	9.48	
37 1,1-Dichloroethane	63	3.771	3.775	-0.004	85	959371	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.798	-0.003	97	88731	9.65	
39 Isopropyl ether	87	3.819	3.820	-0.001	95	542311	10.8	
42 2-Butanone (MEK)	43	4.245	4.236	0.009	68	448547	19.7	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	81	617044	10.7	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	88	498345	9.82	
48 Chlorobromomethane	128	4.446	4.449	-0.003	88	296503	10.6	
49 Tetrahydrofuran	42	4.493	4.485	0.008	94	171312	10.2	
50 Chloroform	83	4.493	4.497	-0.004	81	899259	10.1	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	632699	10.3	
52 Cyclohexane	56	4.742	4.745	-0.003	87	644176	9.30	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	96	625005	9.96	
54 Carbon tetrachloride	117	4.825	4.816	0.009	78	496653	10.1	
55 Isobutyl alcohol	41	4.848	4.849	-0.001	95	803006	506.1	
56 1,2-Dichloroethane	62	4.978	4.982	-0.004	53	677427	10.5	
57 Benzene	78	4.978	4.982	-0.004	94	2280048	10.5	
61 Trichloroethene	130	5.523	5.514	0.009	92	561868	10.4	
63 Methylcyclohexane	83	5.700	5.703	-0.003	83	503273	8.81	
64 1,2-Dichloropropane	63	5.700	5.703	-0.003	86	531900	10.5	
66 Dibromomethane	93	5.807	5.798	0.009	85	318627	10.9	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	100	635754	10.6	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	286052	9.96	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	92	735422	9.91	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	928124	21.1	
73 Toluene	91	6.623	6.626	-0.003	98	2250888	9.94	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	88	658804	10.3	
76 1,1,2-Trichloroethane	97	6.966	6.970	-0.004	91	467380	10.2	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	91	820723	10.2	
78 Tetrachloroethene	164	7.132	7.135	-0.003	92	390726	9.56	
79 2-Hexanone	43	7.179	7.183	-0.004	96	570251	20.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	90	449523	10.1	
83 Ethylene Dibromide	107	7.451	7.455	-0.004	99	450271	10.1	
85 Chlorobenzene	112	7.913	7.904	0.009	97	1427849	9.97	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	84	496117	9.98	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	730912	10.2	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	99	1818083	20.0	
89 o-Xylene	106	8.493	8.496	-0.003	90	932232	10.5	
90 Styrene	104	8.505	8.508	-0.003	93	1507119	10.5	
91 Bromoform	173	8.682	8.685	-0.003	98	265154	9.84	
92 Isopropylbenzene	105	8.848	8.851	-0.003	95	2025033	10.1	
94 Cyclohexanone	55	8.931	8.932	-0.001	88	376968	51.9	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	93	567498	9.27	
96 Bromobenzene	156	9.144	9.147	-0.003	92	597026	9.77	
97 1,2,3-Trichloropropane	110	9.155	9.159	-0.004	72	194508	9.83	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.170	-0.003	74	235546	17.6	
99 N-Propylbenzene	120	9.250	9.241	0.009	97	525200	9.72	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	527466	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	1662869	9.99	
102 4-Chlorotoluene	126	9.439	9.431	0.008	96	562871	9.73	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	85	1271954	9.31	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	76	1732194	10.1	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	92	1619588	9.30	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	97	1041473	9.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	93	1435438	9.81	
108 1,4-Dichlorobenzene	146	10.149	10.153	-0.004	94	1091774	9.25	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	95	1858034	10.3	
110 n-Butylbenzene	91	10.493	10.496	-0.004	94	1082803	9.35	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	97	1039465	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.289	-0.004	83	92074	8.92	
114 1,2,4-Trichlorobenzene	180	12.125	12.129	-0.004	93	439209	7.88	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	95	155523	6.85	
116 Naphthalene	128	12.374	12.377	-0.003	100	1160078	6.83	
117 1,2,3-Trichlorobenzene	180	12.622	12.626	-0.004	99	406007	6.75	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.4	
S 122 Xylenes, Total	106				0		30.5	

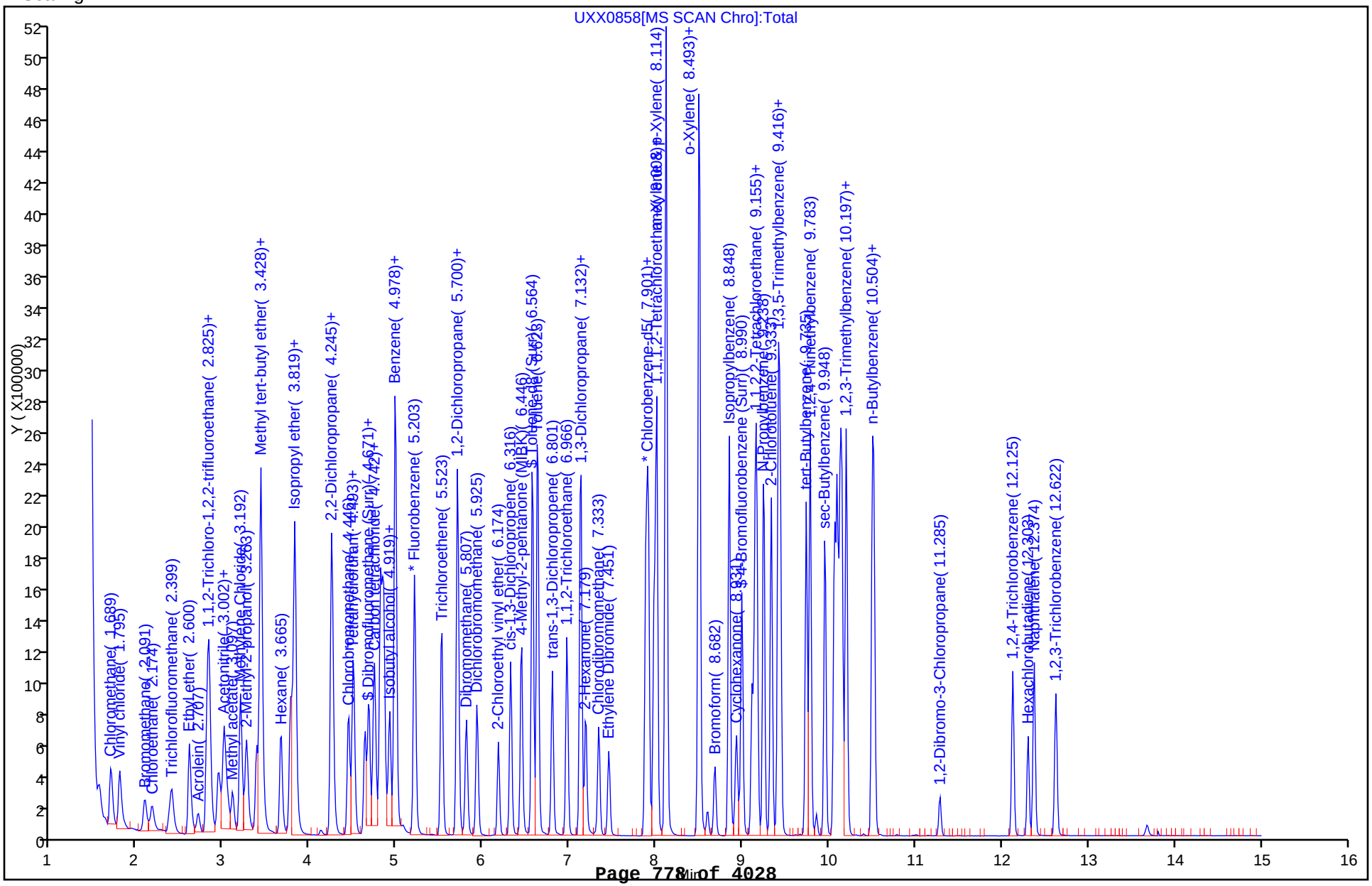
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D

Injection Date:	12-Nov-2012 19:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-64831/2 Calibration Date: 11/13/2012 11:25

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0862.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1993	0.2169	0.1000	0.0109	0.0100	8.8	20.0
Chloromethane	Ave	0.3843	0.3538	0.1000	0.00921	0.0100	-7.9	20.0
Vinyl chloride	Ave	0.3042	0.3121	0.1000	0.0103	0.0100	2.6	20.0
Bromomethane	Ave	0.1423	0.1550	0.0500	0.0109	0.0100	8.9	20.0
Chloroethane	Ave	0.1471	0.1576	0.0500	0.0107	0.0100	7.2	20.0
Trichlorofluoromethane	Ave	0.2208	0.2540	0.1000	0.0115	0.0100	15.0	20.0
Acrolein	Ave	0.0354	0.0347		0.0980	0.100	-2.0	20.0
1,1-Dichloroethene	Ave	0.2447	0.2366	0.1000	0.00967	0.0100	-3.3	20.0
Acetone	Lin1		0.0750	0.0500	0.0191	0.0200	-4.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853	0.1867	0.0500	0.0101	0.0100	0.7	20.0
Iodomethane	Ave	0.4163	0.3916		0.00941	0.0100	-5.9	20.0
Carbon disulfide	Ave	0.7761	0.7373	0.1000	0.00950	0.0100	-5.0	20.0
Acetonitrile	Qua		0.0298		0.100	0.100	0.2	20.0
Methyl acetate	Ave	0.2338	0.2272	0.1000	0.0194	0.0200	-2.8	20.0
Methylene Chloride	Ave	0.3451	0.3515	0.1000	0.0102	0.0100	1.9	20.0
2-Methyl-2-propanol	Ave	0.0202	0.0156		0.155	0.200	-22.7*	20.0
Acrylonitrile	Ave	0.1172	0.1119		0.0191	0.0200	-4.5	20.0
Methyl tert-butyl ether	Ave	0.8708	0.7844	0.1000	0.00901	0.0100	-9.9	20.0
trans-1,2-Dichloroethene	Ave	0.2998	0.2876	0.1000	0.00959	0.0100	-4.1	20.0
1,1-Dichloroethane	Ave	0.5111	0.4788	0.1000	0.00937	0.0100	-6.3	20.0
Vinyl acetate	Ave	0.0530	0.0435		0.00821	0.0100	-17.9	20.0
2-Butanone (MEK)	Ave	0.1314	0.1133	0.0500	0.0173	0.0200	-13.7	20.0
2,2-Dichloropropane	Ave	0.2926	0.2854		0.00975	0.0100	-2.5	20.0
cis-1,2-Dichloroethene	Ave	0.3334	0.3122	0.1000	0.00936	0.0100	-6.4	20.0
Bromochloromethane	Ave	0.1617	0.1468		0.00908	0.0100	-9.2	20.0
Chloroform	Ave	0.5145	0.4772	0.2000	0.00928	0.0100	-7.2	20.0
1,1,1-Trichloroethane	Ave	0.3526	0.3557	0.1000	0.0101	0.0100	0.9	20.0
Cyclohexane	Ave	0.3996	0.4093	0.1000	0.0102	0.0100	2.4	20.0
1,1-Dichloropropene	Ave	0.3619	0.3509		0.00970	0.0100	-3.0	20.0
Carbon tetrachloride	Ave	0.2845	0.2903	0.1000	0.0102	0.0100	2.1	20.0
1,2-Dichloroethane	Ave	0.3706	0.3450	0.1000	0.00931	0.0100	-6.9	20.0
Benzene	Ave	1.258	1.163	0.5000	0.00924	0.0100	-7.6	20.0
Trichloroethene	Ave	0.3103	0.2903	0.2000	0.00936	0.0100	-6.4	20.0
1,2-Dichloropropane	Ave	0.2919	0.2764	0.1000	0.00947	0.0100	-5.3	20.0
Methylcyclohexane	Ave	0.3294	0.3461	0.1000	0.0105	0.0100	5.0	20.0
Dibromomethane	Ave	0.1691	0.1577		0.00933	0.0100	-6.7	20.0
Bromodichloromethane	Ave	0.3468	0.3322	0.1000	0.00958	0.0100	-4.2	20.0
cis-1,3-Dichloropropene	Ave	0.4281	0.4093	0.1500	0.00956	0.0100	-4.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2537	0.2349	0.0500	0.0185	0.0200	-7.4	20.0
Toluene	Ave	1.886	1.815	0.4000	0.00963	0.0100	-3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-64831/2 Calibration Date: 11/13/2012 11:25

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0862.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,3-Dichloropropene	Ave	0.5342	0.5088	0.1000	0.00952	0.0100	-4.8	20.0
1,1,2-Trichloroethane	Ave	0.3821	0.3514	0.1000	0.00920	0.0100	-8.0	20.0
1,3-Dichloropropane	Ave	0.6731	0.6287		0.00934	0.0100	-6.6	20.0
Tetrachloroethene	Ave	0.3403	0.3272	0.2000	0.00961	0.0100	-3.9	20.0
2-Hexanone	Ave	0.2308	0.2194	0.0500	0.0190	0.0200	-5.0	20.0
Dibromochloromethane	Ave	0.3707	0.3593		0.00969	0.0100	-3.1	20.0
1,2-Dibromoethane	Ave	0.3704	0.3433		0.00927	0.0100	-7.3	20.0
Chlorobenzene	Ave	1.193	1.120	0.3000	0.00939	0.0100	-6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4139	0.3930		0.00949	0.0100	-5.1	20.0
Ethylbenzene	Ave	0.5964	0.5879		0.00986	0.0100	-1.4	20.0
m-Xylene & p-Xylene	Ave	0.7563	0.7460		0.0197	0.0200	-1.4	20.0
o-Xylene	Ave	0.7419	0.7386		0.00996	0.0100	-0.4	20.0
Styrene	Ave	1.191	1.181	0.3000	0.00992	0.0100	-0.8	20.0
Bromoform	Ave	0.2244	0.2136	0.1000	0.00952	0.0100	-4.8	20.0
Isopropylbenzene	Ave	1.667	1.655	0.1000	0.00993	0.0100	-0.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9320	0.8401	0.3000	0.00901	0.0100	-9.9	20.0
Bromobenzene	Ave	0.9309	0.8714		0.00936	0.0100	-6.4	20.0
1,2,3-Trichloropropane	Ave	0.3012	0.2807		0.00932	0.0100	-6.8	20.0
N-Propylbenzene	Ave	0.8226	0.8240		0.0100	0.0100	0.2	20.0
2-Chlorotoluene	Ave	0.8267	0.7988		0.00966	0.0100	-3.4	20.0
1,3,5-Trimethylbenzene	Ave	2.535	2.545		0.0100	0.0100	0.4	20.0
4-Chlorotoluene	Ave	0.8808	0.8291		0.00941	0.0100	-5.9	20.0
tert-Butylbenzene	Ave	2.082	2.102		0.0101	0.0100	1.0	20.0
1,2,4-Trimethylbenzene	Ave	2.621	2.628		0.0100	0.0100	0.3	20.0
sec-Butylbenzene	Ave	2.652	2.658		0.0100	0.0100	0.2	20.0
1,3-Dichlorobenzene	Ave	1.669	1.529	0.6000	0.00916	0.0100	-8.4	20.0
4-Isopropyltoluene	Ave	2.229	2.247		0.0101	0.0100	0.8	20.0
1,4-Dichlorobenzene	Ave	1.798	1.640	0.5000	0.00912	0.0100	-8.8	20.0
n-Butylbenzene	Ave	1.765	1.761		0.00998	0.0100	-0.2	20.0
1,2-Dichlorobenzene	Ave	1.670	1.494	0.4000	0.00894	0.0100	-10.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1572	0.1215	0.0500	0.00773	0.0100	-22.7*	20.0
1,2,4-Trichlorobenzene	Ave	0.8483	0.6428	0.2000	0.00758	0.0100	-24.2*	20.0
Hexachlorobutadiene	Qua		0.2667		0.00787	0.0100	-21.3*	20.0
Naphthalene	Ave	2.585	1.507		0.00583	0.0100	-41.7*	20.0
1,2,3-Trichlorobenzene	Ave	0.9161	0.5462		0.00596	0.0100	-40.4*	20.0
Dibromofluoromethane (Surr)	Ave	0.2739	0.2655		0.00969	0.0100	-3.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219	0.3008		0.00934	0.0100	-6.6	20.0
Toluene-d8 (Surr)	Ave	1.574	1.565		0.00994	0.0100	-0.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5205	0.5010		0.00962	0.0100	-3.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0862.D
Lims ID: CCVIS L4 8260 Client ID:
Inject. Date: 13-Nov-2012 11:25:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0014902-002
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 64831 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:22 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 11:49:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.206	0.0	99	1839118	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1242750	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	89	643308	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	58	488309	9.69	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.911	4.911	0.0	0	553183	9.34	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	92	1944524	9.94	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	94	622598	9.62	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	98	398883	10.9	
13 Chloromethane	50	1.692	1.692	0.0	88	650741	9.21	
14 Vinyl chloride	62	1.799	1.799	0.0	97	573900	10.3	
16 Bromomethane	94	2.083	2.083	0.0	89	285003	10.9	
17 Chloroethane	64	2.165	2.165	0.0	95	289864	10.7	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	96	467125	11.5	
21 Acrolein	56	2.698	2.698	0.0	98	638286	98.0	
23 1,1-Dichloroethene	96	2.804	2.804	0.0	98	435173	9.67	
24 Acetone	43	2.816	2.816	0.0	71	275669	19.1	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.828	2.828	0.0	83	343322	10.1	
26 Iodomethane	142	2.935	2.935	0.0	95	720145	9.41	
27 Carbon disulfide	76	3.006	3.006	0.0	99	1356035	9.50	
28 Acetonitrile	41	3.041	3.041	0.0	97	547538	100.2	
30 Methyl acetate	43	3.100	3.100	0.0	95	835556	19.4	
31 Methylene Chloride	84	3.195	3.195	0.0	84	646501	10.2	
32 2-Methyl-2-propanol	59	3.254	3.254	0.0	98	574651	154.6	
33 Acrylonitrile	53	3.384	3.384	0.0	100	411675	19.1	
34 trans-1,2-Dichloroethene	96	3.431	3.431	0.0	63	528912	9.59	
35 Methyl tert-butyl ether	73	3.431	3.431	0.0	88	1442646	9.01	
36 Hexane	86	3.656	3.656	0.0	93	86271	9.81	
37 1,1-Dichloroethane	63	3.763	3.763	0.0	95	880566	9.37	
38 Vinyl acetate	86	3.798	3.798	0.0	96	80066	8.21	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.236	4.236	0.0	90	416902	17.3	
44 2,2-Dichloropropane	77	4.248	4.248	0.0	90	524790	9.75	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	81	574115	9.36	
48 Chlorobromomethane	128	4.437	4.437	0.0	93	270064	9.08	
49 Tetrahydrofuran	42	4.485	4.485	0.0	94	143443	7.80	
50 Chloroform	83	4.496	4.496	0.0	91	877670	9.28	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	94	654083	10.1	
52 Cyclohexane	56	4.745	4.745	0.0	86	752689	10.2	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	93	645277	9.70	
54 Carbon tetrachloride	117	4.816	4.816	0.0	77	533935	10.2	
57 Benzene	78	4.982	4.982	0.0	94	2138166	9.24	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	634527	9.31	
61 Trichloroethene	130	5.514	5.514	0.0	98	533974	9.36	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	84	508351	9.47	
63 Methylcyclohexane	83	5.703	5.703	0.0	85	636423	10.5	
66 Dibromomethane	93	5.798	5.798	0.0	92	289985	9.33	
67 1,4-Dioxane	88	5.810	5.810	0.0	89	192156	315.6	
68 Dichlorobromomethane	83	5.928	5.928	0.0	100	610856	9.58	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	91	602595	19.8	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	91	752650	9.56	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	864167	18.5	
73 Toluene	91	6.626	6.626	0.0	97	2255659	9.63	
74 trans-1,3-Dichloropropene	75	6.792	6.792	0.0	88	632322	9.52	
75 Ethyl methacrylate	69	6.875	6.875	0.0	88	539409	8.84	
76 1,1,2-Trichloroethane	97	6.969	6.969	0.0	90	436637	9.20	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	91	781327	9.34	
78 Tetrachloroethene	164	7.135	7.135	0.0	88	406584	9.61	
79 2-Hexanone	43	7.182	7.182	0.0	96	545342	19.0	
81 Chlorodibromomethane	129	7.336	7.336	0.0	89	446456	9.69	
83 Ethylene Dibromide	107	7.455	7.455	0.0	98	426575	9.27	
85 Chlorobenzene	112	7.904	7.904	0.0	95	1392215	9.39	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	85	488341	9.49	
87 Ethylbenzene	106	8.011	8.011	0.0	97	730652	9.86	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	1854049	19.7	
89 o-Xylene	106	8.496	8.496	0.0	90	917904	9.96	
90 Styrene	104	8.508	8.508	0.0	93	1468097	9.92	
91 Bromoform	173	8.685	8.685	0.0	99	265481	9.52	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2057091	9.93	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	86	540467	9.01	
96 Bromobenzene	156	9.147	9.147	0.0	90	560589	9.36	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	73	180604	9.32	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.170	0.0	72	121737	9.51	
99 N-Propylbenzene	120	9.241	9.241	0.0	98	530102	10.0	
100 2-Chlorotoluene	126	9.336	9.336	0.0	97	513869	9.66	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	93	1637453	10.0	
102 4-Chlorotoluene	126	9.431	9.431	0.0	98	533370	9.41	
103 tert-Butylbenzene	119	9.738	9.738	0.0	81	1352326	10.1	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	85	1690679	10.0	
105 sec-Butylbenzene	105	9.951	9.951	0.0	93	1710175	10.0	
106 1,3-Dichlorobenzene	146	10.058	10.058	0.0	84	983471	9.16	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	96	1445680	10.1	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	95	1054958	9.12	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.496	10.496	0.0	97	1132543	9.98	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	98	961103	8.94	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.288	0.0	79	78179	7.73	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	98	502664	8.40	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	94	413522	7.58	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	93	171586	7.87	
116 Naphthalene	128	12.377	12.377	0.0	100	969237	5.83	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	99	351358	5.96	
S 119 Trihalomethanes, Total	1				0		38.1	
S 120 1,2-Dichloroethene, Total	96				0		19.0	
S 121 1,3-Dichloropropene, Total	75				0		19.1	
S 122 Xylenes, Total	106				0		29.7	

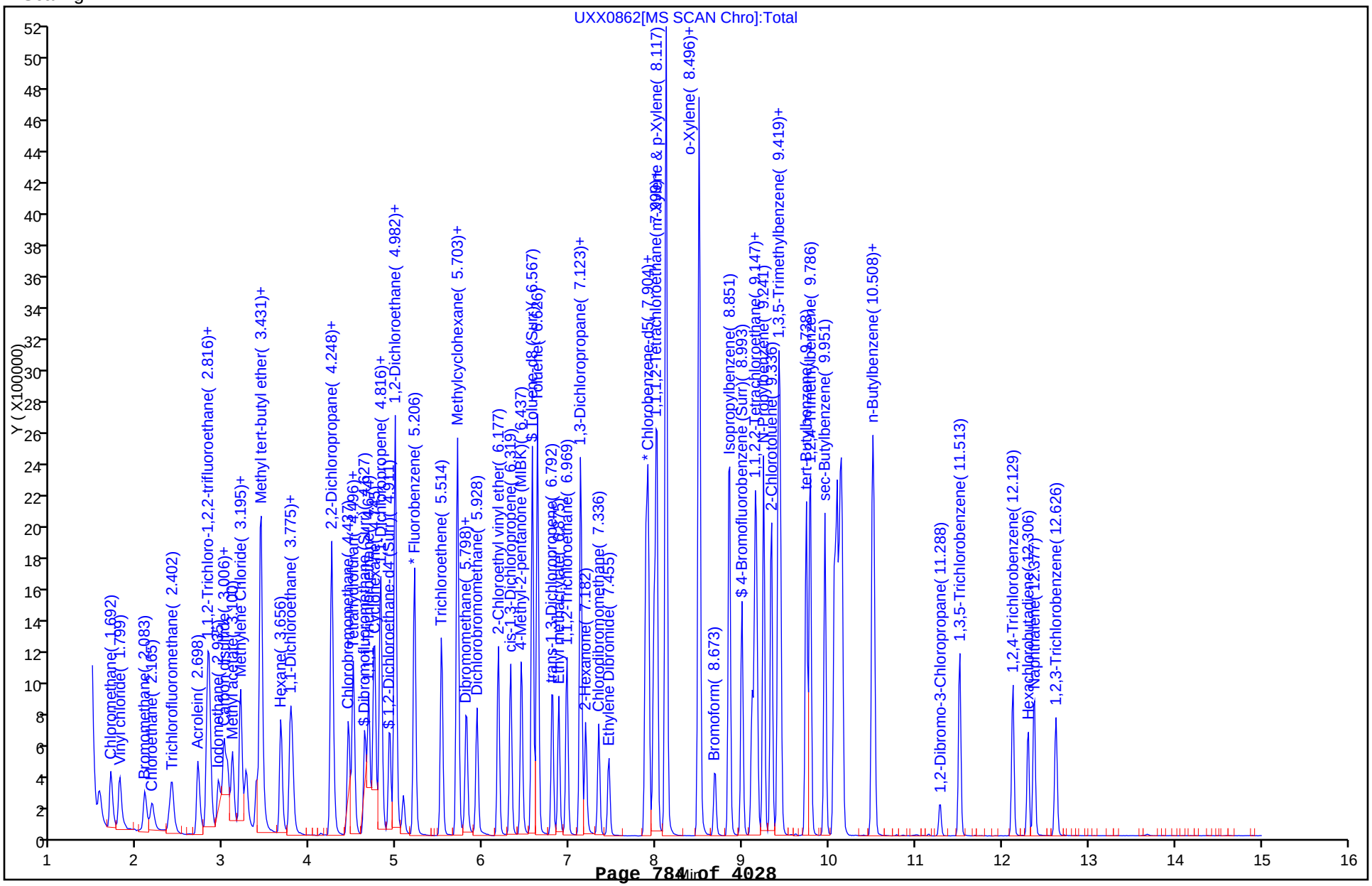
Report Date: 14-Nov-2012 13:08:23 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0862.D

Injection Date:	13-Nov-2012 11:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	2
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64859/21 Calibration Date: 11/13/2012 23:21

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149123.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2874	0.3345	0.1000	0.0582	0.0500	16.4	20.0
Chloromethane	Ave	0.4898	0.5463	0.1000	0.0558	0.0500	11.5	20.0
Vinyl chloride	Ave	0.3840	0.4091	0.1000	0.0533	0.0500	6.5	20.0
Bromomethane	Lin1		0.1200	0.0500	0.0482	0.0500	-3.5	20.0
Chloroethane	Ave	0.2207	0.2219	0.0500	0.0503	0.0500	0.5	20.0
Trichlorofluoromethane	Ave	0.3665	0.3843	0.1000	0.0524	0.0500	4.9	20.0
1,1-Dichloroethene	Ave	0.2874	0.3119	0.1000	0.0543	0.0500	8.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2745	0.3072	0.0500	0.0560	0.0500	11.9	20.0
Acetone	Lin1		0.0815	0.0500	0.109	0.100	9.3	20.0
Iodomethane	Ave	0.5119	0.5358		0.0523	0.0500	4.7	20.0
Carbon disulfide	Lin1		0.7217	0.1000	0.0429	0.0500	-14.2	20.0
Methyl acetate	Ave	0.2047	0.1912	0.1000	0.0467	0.0500	-6.6	20.0
Methylene Chloride	Lin1		0.3308	0.1000	0.0520	0.0500	4.0	20.0
2-Methyl-2-propanol	Ave	0.0145	0.0150		1.04	1.00	3.7	20.0
trans-1,2-Dichloroethene	Ave	0.3227	0.3293	0.1000	0.0510	0.0500	2.0	20.0
Methyl tert-butyl ether	Ave	0.6527	0.6733	0.1000	0.0516	0.0500	3.2	20.0
1,1-Dichloroethane	Ave	0.6187	0.6438	0.1000	0.0520	0.0500	4.1	20.0
Vinyl acetate	Lin1		0.0297		0.0540	0.0500	8.0	20.0
2,2-Dichloropropane	Ave	0.2081	0.2193		0.0527	0.0500	5.4	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3325	0.1000	0.0512	0.0500	2.3	20.0
2-Butanone (MEK)	Lin1		0.0929	0.0500	0.0957	0.100	-4.3	20.0
Bromochloromethane	Ave	0.1429	0.1435		0.0502	0.0500	0.4	20.0
Chloroform	Ave	0.5184	0.5197	0.2000	0.0501	0.0500	0.3	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.4256	0.1000	0.0534	0.0500	6.8	20.0
Cyclohexane	Ave	0.8073	0.8110	0.1000	0.0502	0.0500	0.5	20.0
1,1-Dichloropropene	Ave	0.3995	0.4047		0.0507	0.0500	1.3	20.0
Carbon tetrachloride	Lin1		0.3932	0.1000	0.0494	0.0500	-1.1	20.0
Benzene	Ave	1.113	1.114	0.5000	0.0500	0.0500	0.0	20.0
1,2-Dichloroethane	Ave	0.3993	0.3990	0.1000	0.0500	0.0500	-0.0	20.0
Trichloroethene	Ave	0.3155	0.3164	0.2000	0.0501	0.0500	0.3	20.0
Methylcyclohexane	Ave	0.6141	0.6268	0.1000	0.0510	0.0500	2.1	20.0
1,2-Dichloropropane	Ave	0.2810	0.2858	0.1000	0.0509	0.0500	1.7	20.0
Dibromomethane	Ave	0.1221	0.1242		0.0508	0.0500	1.7	20.0
Bromodichloromethane	Lin1		0.2615	0.1000	0.0436	0.0500	-12.7	20.0
cis-1,3-Dichloropropene	Qua		0.2654	0.1500	0.0444	0.0500	-11.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3084	0.3359	0.0500	0.109	0.100	8.9	20.0
Toluene	Ave	1.758	1.691	0.4000	0.0481	0.0500	-3.8	20.0
trans-1,3-Dichloropropene	Lin1		0.3232	0.1000	0.0418	0.0500	-16.4	20.0
1,1,2-Trichloroethane	Ave	0.2389	0.2461	0.1000	0.0515	0.0500	3.0	20.0
Tetrachloroethene	Ave	0.4007	0.3740	0.2000	0.0467	0.0500	-6.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64859/21 Calibration Date: 11/13/2012 23:21

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149123.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4174	0.4168		0.0499	0.0500	-0.1	20.0
2-Hexanone	Ave	0.1605	0.1535	0.0500	0.0956	0.100	-4.4	20.0
Dibromochloromethane	Qua		0.2389		0.0450	0.0500	-10.0	20.0
1,2-Dibromoethane	Ave	0.2326	0.2369		0.0509	0.0500	1.9	20.0
Chlorobenzene	Ave	1.153	1.084	0.3000	0.0470	0.0500	-6.0	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.4315		0.0500	0.0500	0.0	20.0
Ethylbenzene	Ave	0.6221	0.6038		0.0485	0.0500	-2.9	20.0
m-Xylene & p-Xylene	Ave	0.7625	0.7456		0.0978	0.100	-2.2	20.0
o-Xylene	Ave	0.8137	0.8111		0.0498	0.0500	-0.3	20.0
Styrene	Ave	1.042	1.054	0.3000	0.0506	0.0500	1.2	20.0
Bromoform	Qua		0.1127	0.1000	0.0431	0.0500	-13.8	20.0
Isopropylbenzene	Ave	2.198	2.247	0.1000	0.0511	0.0500	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4994	0.5217	0.3000	0.0522	0.0500	4.5	20.0
Bromobenzene	Ave	0.8110	0.7767		0.0479	0.0500	-4.2	20.0
1,2,3-Trichloropropane	Ave	0.1664	0.1654		0.0497	0.0500	-0.6	20.0
N-Propylbenzene	Ave	0.9810	1.005		0.0512	0.0500	2.5	20.0
2-Chlorotoluene	Ave	0.8900	0.8907		0.0500	0.0500	0.0	20.0
1,3,5-Trimethylbenzene	Ave	3.118	3.274		0.0525	0.0500	5.0	20.0
4-Chlorotoluene	Ave	0.8531	0.8067		0.0473	0.0500	-5.4	20.0
tert-Butylbenzene	Ave	2.995	3.163		0.0528	0.0500	5.6	20.0
1,2,4-Trimethylbenzene	Ave	3.071	3.137		0.0511	0.0500	2.2	20.0
sec-Butylbenzene	Ave	4.052	4.240		0.0523	0.0500	4.7	20.0
1,3-Dichlorobenzene	Ave	1.760	1.640	0.6000	0.0466	0.0500	-6.8	20.0
4-Isopropyltoluene	Ave	3.533	3.850		0.0545	0.0500	9.0	20.0
1,4-Dichlorobenzene	Ave	1.824	1.614	0.5000	0.0443	0.0500	-11.5	20.0
n-Butylbenzene	Ave	2.960	2.914		0.0492	0.0500	-1.6	20.0
1,2-Dichlorobenzene	Ave	1.701	1.599	0.4000	0.0470	0.0500	-6.0	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0748	0.0500	0.0461	0.0500	-7.7	20.0
1,2,4-Trichlorobenzene	Ave	1.201	0.9877	0.2000	0.0411	0.0500	-17.7	20.0
Hexachlorobutadiene	Ave	0.6558	0.5877		0.0448	0.0500	-10.4	20.0
Naphthalene	Ave	2.060	1.821		0.0442	0.0500	-11.6	20.0
1,2,3-Trichlorobenzene	Ave	0.999	0.8455		0.0423	0.0500	-15.3	20.0
Dibromofluoromethane (Surr)	Lin1		0.2467		0.0468	0.0500	-6.5	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2633		0.0460	0.0500	-8.0	20.0
Toluene-d8 (Surr)	Lin1		1.405		0.0469	0.0500	-6.3	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8233		0.0497	0.0500	-0.6	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D
Lims ID: ICV Client ID:
Inject. Date: 13-Nov-2012 23:21:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: icv
Misc. Info.: 240-0014916-021 =240-0014916-021
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 64859 Lims Sample ID: 21
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:23:07 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 10:19:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1402420	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	854220	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	91	486670	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	62	346036	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	369189	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1199789	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	400696	49.7	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	469033	58.2	
13 Chloromethane	50	1.607	1.607	0.0	89	766101	55.8	
14 Vinyl chloride	62	1.737	1.737	0.0	84	573731	53.3	
15 Bromomethane	94	2.069	2.069	0.0	90	168281	48.2	
16 Chloroethane	64	2.187	2.187	0.0	93	311153	50.3	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	538964	52.4	
19 Ethyl ether	59	2.873	2.873	0.0	98	345390	49.9	
20 Acrolein	56	3.039	3.027	0.012	95	119893	125.9	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	437403	54.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	430769	56.0	
22 Acetone	43	3.252	3.252	0.0	97	228485	109.3	
24 Iodomethane	142	3.347	3.347	0.0	100	751451	52.3	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1012088	42.9	
27 Acetonitrile	41	3.666	3.666	0.0	94	134008	153.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	268167	46.7	
30 Methylene Chloride	84	3.879	3.879	0.0	88	463879	52.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	420866	1036.9	
32 Acrylonitrile	53	4.305	4.305	0.0	95	399908	147.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	461800	51.0	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	944208	51.6	
35 Hexane	86	4.743	4.743	0.0	96	107730	50.6	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	902910	52.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	5.039	5.039	0.0	96	41693	54.0	
38 Isopropyl ether	87	5.074	5.074	0.0	97	354881	50.0	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	307578	52.7	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	466246	51.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	260669	95.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	201179	50.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	97672	50.5	
49 Chloroform	83	6.033	6.033	0.0	84	728891	50.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	596821	53.4	
51 Cyclohexane	56	6.257	6.257	0.0	95	1137308	50.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	567548	50.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	78	551470	49.4	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	522747	2567.9	
55 Benzene	78	6.601	6.601	0.0	97	1561820	50.0	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	559509	50.0	
60 Trichloroethene	130	7.240	7.240	0.0	92	443715	50.1	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	878973	51.0	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	400862	50.9	
65 Dibromomethane	93	7.559	7.559	0.0	91	174181	50.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	366716	43.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	110254	50.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	372135	44.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	573819	108.9	
72 Toluene	91	8.411	8.411	0.0	91	1444386	48.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	276042	41.8	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	210258	51.5	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	319462	46.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	356030	49.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	262293	95.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	204089	45.0	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	202366	50.9	
82 Chlorobenzene	112	9.618	9.618	0.0	91	925660	47.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	368576	50.0	
84 Ethylbenzene	106	9.713	9.713	0.0	98	515733	48.5	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1273780	97.8	
85 o-Xylene	106	10.150	10.151	0.0	95	692830	49.8	
86 Styrene	104	10.162	10.162	0.0	94	900448	50.6	
87 Bromoform	173	10.328	10.328	0.0	97	96268	43.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1919746	51.1	
89 Cyclohexanone	55	10.541	10.541	0.0	85	227149	185.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	253909	52.2	
91 Bromobenzene	156	10.718	10.718	0.0	93	378015	47.9	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	74	80492	49.7	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	144583	87.8	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	489324	51.2	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	433461	50.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	1593243	52.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	392610	47.3	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	1539142	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1526891	51.1	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2063575	52.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	798057	46.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	1873594	54.5	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	785726	44.3	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	86	1557602	53.4	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1418075	49.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	778420	47.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	36392	46.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	480661	41.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	286005	44.8	
111 Naphthalene	128	13.440	13.440	0.0	97	886111	44.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	411483	42.3	
S 137 Trihalomethanes, Total	1				0		181.9	
S 11 1,2-Dichloroethene, Total	96				0		102.2	
S 114 Xylenes, Total	106				0		147.6	

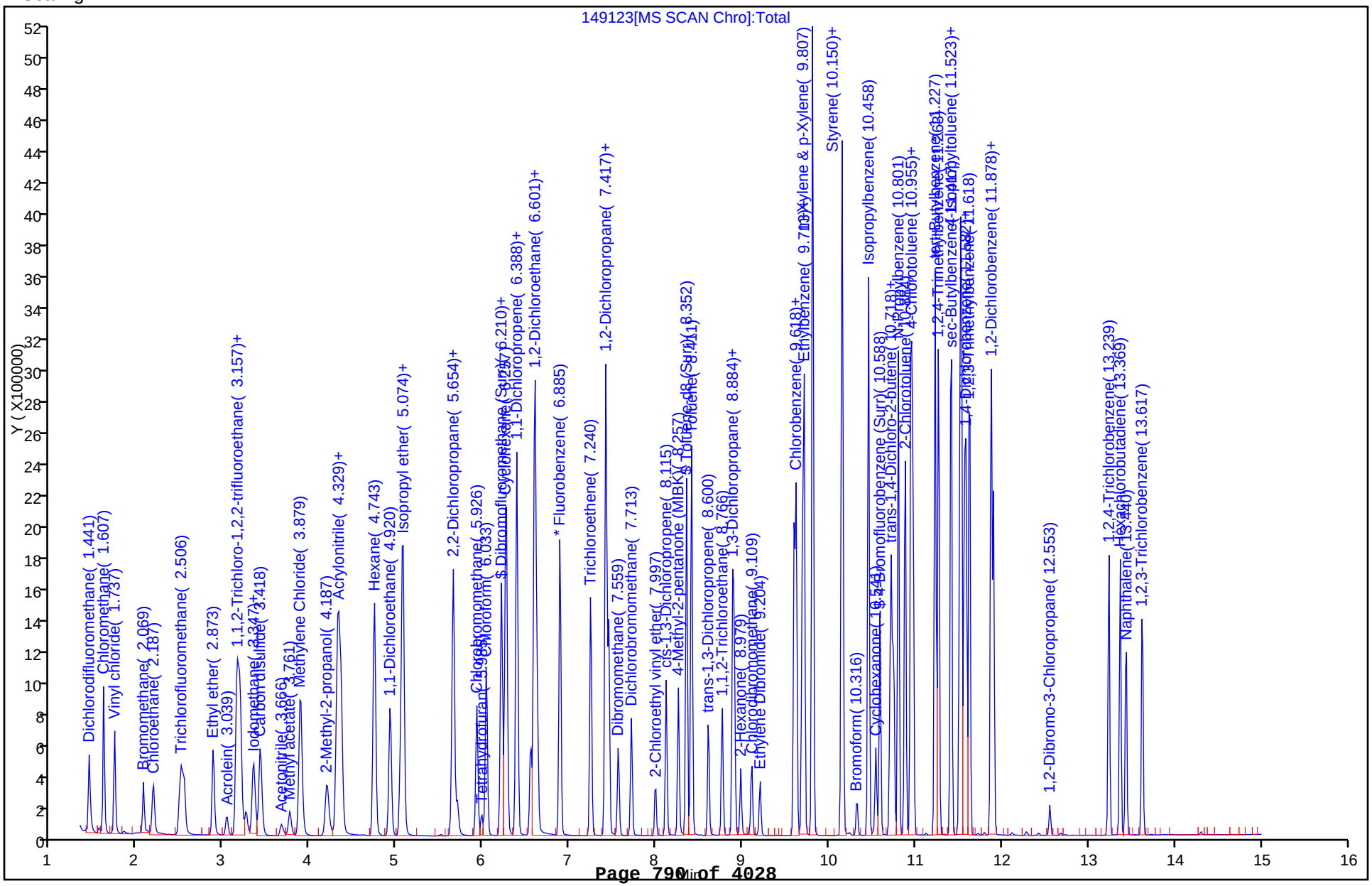
Report Date: 14-Nov-2012 15:23:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D

Injection Date:	13-Nov-2012 23:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64859/21 Calibration Date: 11/13/2012 23:21

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149123.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexanone	Ave	0.0718	0.0133		0.185	1.00	-81.5*	20.0
1,2,3-Trimethylbenzene	Ave	2.995	3.201		0.0534	0.0500	6.9	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D
Lims ID: ICV Client ID:
Inject. Date: 13-Nov-2012 23:21:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: icv
Misc. Info.: 240-0014916-021 =240-0014916-021
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 64859 Lims Sample ID: 21
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:23:07 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 10:19:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1402420	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	854220	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	91	486670	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	62	346036	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	369189	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1199789	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	400696	49.7	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	469033	58.2	
13 Chloromethane	50	1.607	1.607	0.0	89	766101	55.8	
14 Vinyl chloride	62	1.737	1.737	0.0	84	573731	53.3	
15 Bromomethane	94	2.069	2.069	0.0	90	168281	48.2	
16 Chloroethane	64	2.187	2.187	0.0	93	311153	50.3	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	538964	52.4	
19 Ethyl ether	59	2.873	2.873	0.0	98	345390	49.9	
20 Acrolein	56	3.039	3.027	0.012	95	119893	125.9	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	437403	54.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	430769	56.0	
22 Acetone	43	3.252	3.252	0.0	97	228485	109.3	
24 Iodomethane	142	3.347	3.347	0.0	100	751451	52.3	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1012088	42.9	
27 Acetonitrile	41	3.666	3.666	0.0	94	134008	153.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	268167	46.7	
30 Methylene Chloride	84	3.879	3.879	0.0	88	463879	52.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	420866	1036.9	
32 Acrylonitrile	53	4.305	4.305	0.0	95	399908	147.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	461800	51.0	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	944208	51.6	
35 Hexane	86	4.743	4.743	0.0	96	107730	50.6	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	902910	52.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	5.039	5.039	0.0	96	41693	54.0	
38 Isopropyl ether	87	5.074	5.074	0.0	97	354881	50.0	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	307578	52.7	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	466246	51.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	260669	95.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	201179	50.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	97672	50.5	
49 Chloroform	83	6.033	6.033	0.0	84	728891	50.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	596821	53.4	
51 Cyclohexane	56	6.257	6.257	0.0	95	1137308	50.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	567548	50.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	78	551470	49.4	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	522747	2567.9	
55 Benzene	78	6.601	6.601	0.0	97	1561820	50.0	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	559509	50.0	
60 Trichloroethene	130	7.240	7.240	0.0	92	443715	50.1	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	878973	51.0	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	400862	50.9	
65 Dibromomethane	93	7.559	7.559	0.0	91	174181	50.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	366716	43.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	110254	50.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	372135	44.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	573819	108.9	
72 Toluene	91	8.411	8.411	0.0	91	1444386	48.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	276042	41.8	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	210258	51.5	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	319462	46.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	356030	49.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	262293	95.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	204089	45.0	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	202366	50.9	
82 Chlorobenzene	112	9.618	9.618	0.0	91	925660	47.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	368576	50.0	
84 Ethylbenzene	106	9.713	9.713	0.0	98	515733	48.5	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1273780	97.8	
85 o-Xylene	106	10.150	10.151	0.0	95	692830	49.8	
86 Styrene	104	10.162	10.162	0.0	94	900448	50.6	
87 Bromoform	173	10.328	10.328	0.0	97	96268	43.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1919746	51.1	
89 Cyclohexanone	55	10.541	10.541	0.0	85	227149	185.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	253909	52.2	
91 Bromobenzene	156	10.718	10.718	0.0	93	378015	47.9	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	74	80492	49.7	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	144583	87.8	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	489324	51.2	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	433461	50.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	1593243	52.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	392610	47.3	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	1539142	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1526891	51.1	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2063575	52.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	798057	46.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	1873594	54.5	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	785726	44.3	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	86	1557602	53.4	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1418075	49.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	778420	47.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	36392	46.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	480661	41.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	286005	44.8	
111 Naphthalene	128	13.440	13.440	0.0	97	886111	44.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	411483	42.3	
S 137 Trihalomethanes, Total	1				0		181.9	
S 11 1,2-Dichloroethene, Total	96				0		102.2	
S 114 Xylenes, Total	106				0		147.6	

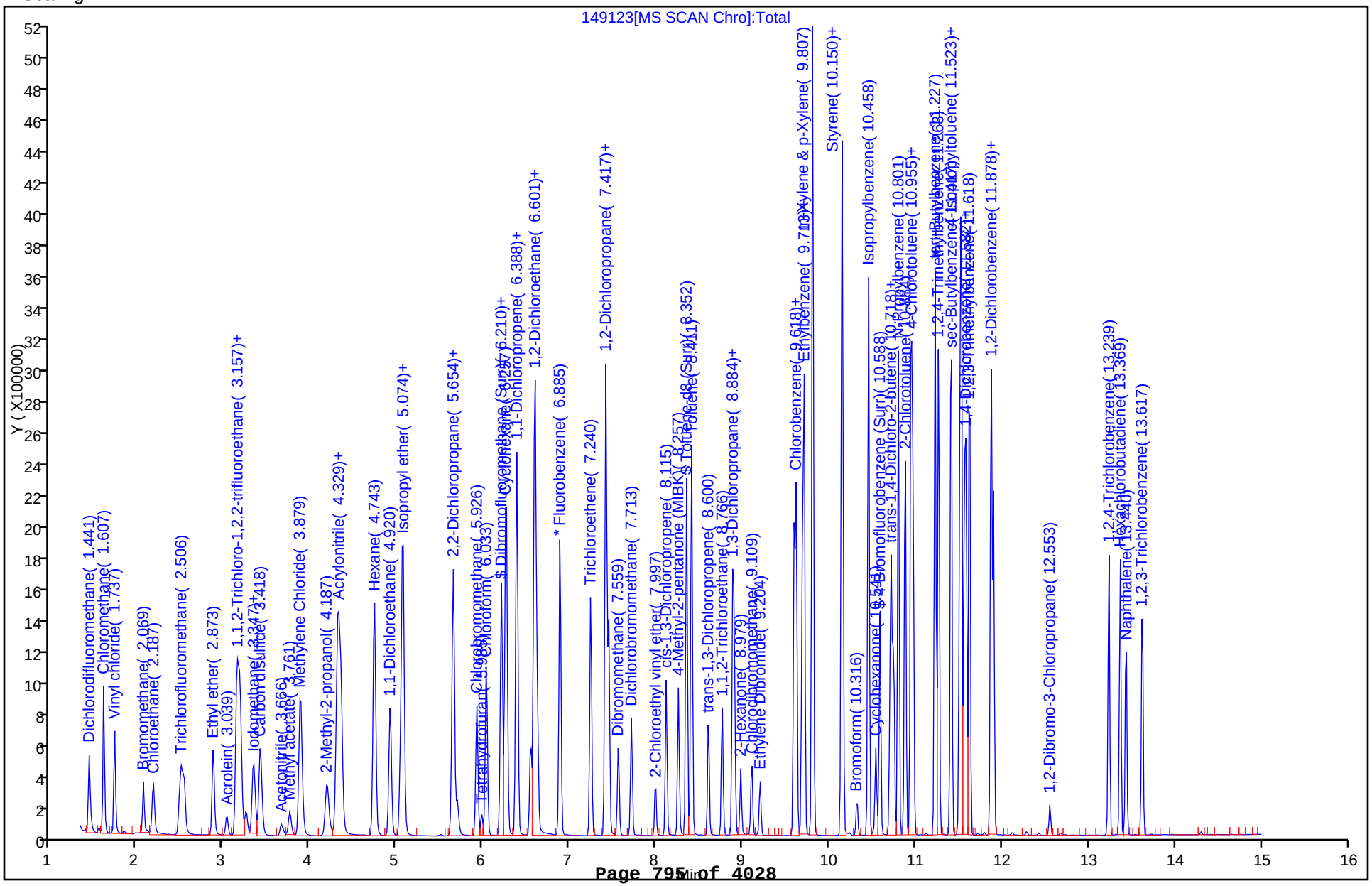
Report Date: 14-Nov-2012 15:23:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D

Injection Date:	13-Nov-2012 23:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-64980/3 Calibration Date: 11/14/2012 12:35

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149138.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2874	0.2770	0.1000	0.0482	0.0500	-3.6	20.0
Chloromethane	Ave	0.4898	0.4596	0.1000	0.0469	0.0500	-6.2	20.0
Vinyl chloride	Ave	0.3840	0.3778	0.1000	0.0492	0.0500	-1.6	20.0
Bromomethane	Lin1		0.1323	0.0500	0.0533	0.0500	6.6	20.0
Chloroethane	Ave	0.2207	0.2162	0.0500	0.0490	0.0500	-2.0	20.0
Trichlorofluoromethane	Ave	0.3665	0.3827	0.1000	0.0522	0.0500	4.4	20.0
1,1-Dichloroethene	Ave	0.2874	0.2834	0.1000	0.0493	0.0500	-1.4	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2745	0.2808	0.0500	0.0512	0.0500	2.3	20.0
Acetone	Lin1		0.0794	0.0500	0.106	0.100	6.3	20.0
Iodomethane	Ave	0.5119	0.5051		0.0493	0.0500	-1.3	20.0
Carbon disulfide	Lin1		0.7254	0.1000	0.0431	0.0500	-13.7	20.0
Methyl acetate	Ave	0.2047	0.1924	0.1000	0.0940	0.100	-6.0	20.0
Methylene Chloride	Lin1		0.3236	0.1000	0.0507	0.0500	1.4	20.0
2-Methyl-2-propanol	Ave	0.0145	0.0134		0.928	1.00	-7.2	20.0
trans-1,2-Dichloroethene	Ave	0.3227	0.3157	0.1000	0.0489	0.0500	-2.2	20.0
Methyl tert-butyl ether	Ave	0.6527	0.6398	0.1000	0.0490	0.0500	-2.0	20.0
1,1-Dichloroethane	Ave	0.6187	0.6108	0.1000	0.0494	0.0500	-1.3	20.0
Vinyl acetate	Lin1		0.0239		0.0434	0.0500	-13.1	20.0
2,2-Dichloropropane	Ave	0.2081	0.2417		0.0581	0.0500	16.1	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3247	0.1000	0.0500	0.0500	-0.0	20.0
2-Butanone (MEK)	Lin1		0.0946	0.0500	0.0974	0.100	-2.6	20.0
Bromochloromethane	Ave	0.1429	0.1413		0.0494	0.0500	-1.1	20.0
Chloroform	Ave	0.5184	0.5175	0.2000	0.0499	0.0500	-0.2	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.4404	0.1000	0.0553	0.0500	10.5	20.0
Cyclohexane	Ave	0.8073	0.8238	0.1000	0.0510	0.0500	2.0	20.0
1,1-Dichloropropene	Ave	0.3995	0.4134		0.0517	0.0500	3.5	20.0
Carbon tetrachloride	Lin1		0.4003	0.1000	0.0503	0.0500	0.6	20.0
Benzene	Ave	1.113	1.077	0.5000	0.0483	0.0500	-3.3	20.0
1,2-Dichloroethane	Ave	0.3993	0.3936	0.1000	0.0493	0.0500	-1.4	20.0
Trichloroethene	Ave	0.3155	0.3127	0.2000	0.0495	0.0500	-0.9	20.0
Methylcyclohexane	Ave	0.6141	0.6399	0.1000	0.0521	0.0500	4.2	20.0
1,2-Dichloropropane	Ave	0.2810	0.2814	0.1000	0.0501	0.0500	0.1	20.0
Dibromomethane	Ave	0.1221	0.1225		0.0501	0.0500	0.3	20.0
Bromodichloromethane	Lin1		0.2609	0.1000	0.0435	0.0500	-12.9	20.0
cis-1,3-Dichloropropene	Qua		0.2798	0.1500	0.0467	0.0500	-6.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3084	0.3217	0.0500	0.104	0.100	4.3	20.0
Toluene	Ave	1.758	1.733	0.4000	0.0493	0.0500	-1.4	20.0
trans-1,3-Dichloropropene	Lin1		0.3384	0.1000	0.0437	0.0500	-12.5	20.0
1,1,2-Trichloroethane	Ave	0.2389	0.2400	0.1000	0.0502	0.0500	0.5	20.0
Tetrachloroethene	Ave	0.4007	0.3987	0.2000	0.0497	0.0500	-0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-64980/3 Calibration Date: 11/14/2012 12:35

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149138.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4174	0.4126		0.0494	0.0500	-1.2	20.0
2-Hexanone	Ave	0.1605	0.1573	0.0500	0.0980	0.100	-2.0	20.0
Dibromochloromethane	Qua		0.2532		0.0475	0.0500	-5.1	20.0
1,2-Dibromoethane	Ave	0.2326	0.2365		0.0508	0.0500	1.7	20.0
Chlorobenzene	Ave	1.153	1.090	0.3000	0.0473	0.0500	-5.5	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.4279		0.0496	0.0500	-0.8	20.0
Ethylbenzene	Ave	0.6221	0.6194		0.0498	0.0500	-0.4	20.0
m-Xylene & p-Xylene	Ave	0.7625	0.7698		0.101	0.100	1.0	20.0
o-Xylene	Ave	0.8137	0.8078		0.0496	0.0500	-0.7	20.0
Styrene	Ave	1.042	1.070	0.3000	0.0514	0.0500	2.8	20.0
Bromoform	Qua		0.1181	0.1000	0.0449	0.0500	-10.2	20.0
Isopropylbenzene	Ave	2.198	2.289	0.1000	0.0521	0.0500	4.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4994	0.5285	0.3000	0.0529	0.0500	5.8	20.0
Bromobenzene	Ave	0.8110	0.7916		0.0488	0.0500	-2.4	20.0
1,2,3-Trichloropropane	Ave	0.1664	0.1646		0.0495	0.0500	-1.1	20.0
N-Propylbenzene	Ave	0.9810	1.047		0.0534	0.0500	6.7	20.0
2-Chlorotoluene	Ave	0.8900	0.9225		0.0518	0.0500	3.7	20.0
1,3,5-Trimethylbenzene	Ave	3.118	3.387		0.0543	0.0500	8.6	20.0
4-Chlorotoluene	Ave	0.8531	0.8388		0.0492	0.0500	-1.7	20.0
tert-Butylbenzene	Ave	2.995	3.239		0.0541	0.0500	8.2	20.0
1,2,4-Trimethylbenzene	Ave	3.071	3.214		0.0523	0.0500	4.7	20.0
sec-Butylbenzene	Ave	4.052	4.413		0.0545	0.0500	8.9	20.0
1,3-Dichlorobenzene	Ave	1.760	1.708	0.6000	0.0485	0.0500	-2.9	20.0
4-Isopropyltoluene	Ave	3.533	3.841		0.0544	0.0500	8.7	20.0
1,4-Dichlorobenzene	Ave	1.824	1.672	0.5000	0.0458	0.0500	-8.4	20.0
n-Butylbenzene	Ave	2.960	3.135		0.0530	0.0500	5.9	20.0
1,2-Dichlorobenzene	Ave	1.701	1.605	0.4000	0.0472	0.0500	-5.6	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0717	0.0500	0.0444	0.0500	-11.3	20.0
1,2,4-Trichlorobenzene	Ave	1.201	1.069	0.2000	0.0445	0.0500	-11.0	20.0
Hexachlorobutadiene	Ave	0.6558	0.6307		0.0481	0.0500	-3.8	20.0
Naphthalene	Ave	2.060	1.804		0.0438	0.0500	-12.5	20.0
1,2,3-Trichlorobenzene	Ave	0.999	0.8317		0.0416	0.0500	-16.7	20.0
Dibromofluoromethane (Surr)	Lin1		0.2457		0.0466	0.0500	-6.9	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2658		0.0465	0.0500	-7.0	20.0
Toluene-d8 (Surr)	Lin1		1.427		0.0476	0.0500	-4.7	20.0
4-Bromofluorobenzene (Surr)	Qua		0.7946		0.0480	0.0500	-4.1	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149138.D
Lims ID: CCVIS Client ID:
Inject. Date: 14-Nov-2012 12:35:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: ccvis
Misc. Info.: 240-0014942-003 =240-0014942-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64980 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:31 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 12:58:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1470862	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.595	0.0	98	885740	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	498264	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	73	361327	46.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	96	391008	46.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1264079	47.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	395917	48.0	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	407350	48.2	
13 Chloromethane	50	1.607	1.607	0.0	89	675987	46.9	
14 Vinyl chloride	62	1.737	1.737	0.0	83	555753	49.2	
15 Bromomethane	94	2.069	2.069	0.0	91	194651	53.3	
16 Chloroethane	64	2.187	2.187	0.0	93	318056	49.0	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	87	562845	52.2	
20 Acrolein	56	3.027	3.027	0.0	94	463279	463.9	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	84	416819	49.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	413053	51.2	
22 Acetone	43	3.252	3.252	0.0	97	233424	106.3	
24 Iodomethane	142	3.347	3.347	0.0	99	742921	49.3	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1066900	43.1	
27 Acetonitrile	41	3.666	3.666	0.0	100	412078	449.0	
28 Methyl acetate	43	3.761	3.761	0.0	98	565930	94.0	
30 Methylene Chloride	84	3.891	3.891	0.0	89	475926	50.7	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	394870	927.6	
32 Acrylonitrile	53	4.305	4.305	0.0	97	274811	96.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	464327	48.9	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	89	940983	49.0	
35 Hexane	86	4.743	4.743	0.0	96	107244	48.0	
36 1,1-Dichloroethane	63	4.921	4.921	0.0	86	898367	49.4	
37 Vinyl acetate	86	5.039	5.039	0.0	97	35083	43.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	74	355565	58.1	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	477537	50.0	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	278368	97.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	207828	49.4	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	98329	48.5	
49 Chloroform	83	6.033	6.033	0.0	84	761092	49.9	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	647827	55.3	
51 Cyclohexane	56	6.258	6.258	0.0	95	1211709	51.0	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	607977	51.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	75	588784	50.3	
55 Benzene	78	6.601	6.601	0.0	97	1583485	48.3	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	578992	49.3	
60 Trichloroethene	130	7.240	7.240	0.0	91	459915	49.5	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	941168	52.1	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	413955	50.1	
65 Dibromomethane	93	7.559	7.559	0.0	89	180116	50.1	
66 1,4-Dioxane	88	7.583	7.583	0.0	95	110409	2375.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	383681	43.5	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	241817	101.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	411528	46.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	569867	104.3	
72 Toluene	91	8.411	8.411	0.0	97	1534784	49.3	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	90	299704	43.7	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	226815	44.9	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	212553	50.2	
77 Tetrachloroethene	164	8.885	8.885	0.0	90	353119	49.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	365435	49.4	
78 2-Hexanone	43	8.979	8.979	0.0	98	278572	98.0	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	224275	47.5	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	209486	50.8	
82 Chlorobenzene	112	9.618	9.618	0.0	91	965697	47.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	378975	49.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	548654	49.8	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1363763	101.0	
85 o-Xylene	106	10.151	10.151	0.0	95	715521	49.6	
86 Styrene	104	10.162	10.162	0.0	94	947909	51.4	
87 Bromoform	173	10.328	10.328	0.0	97	104619	44.9	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2027510	52.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	263312	52.9	
91 Bromobenzene	156	10.719	10.719	0.0	93	394430	48.8	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	82007	49.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	49	78790	46.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	521575	53.4	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	459655	51.8	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1687752	54.3	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	417957	49.2	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	1614056	54.1	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1601639	52.3	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2198884	54.5	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	98	850993	48.5	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	89	1913598	54.4	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	832945	45.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1562121	53.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	799776	47.2	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	35718	44.4	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	678743	47.4	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	532614	44.5	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	314233	48.1	
111 Naphthalene	128	13.440	13.440	0.0	97	898664	43.8	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	93	414397	41.6	
S 137 Trihalomethanes, Total	1				0		185.8	
S 11 1,2-Dichloroethene, Total	96				0		98.9	
S 9 1,3-Dichloropropene, Total	75				0		90.4	
S 114 Xylenes, Total	106				0		150.6	

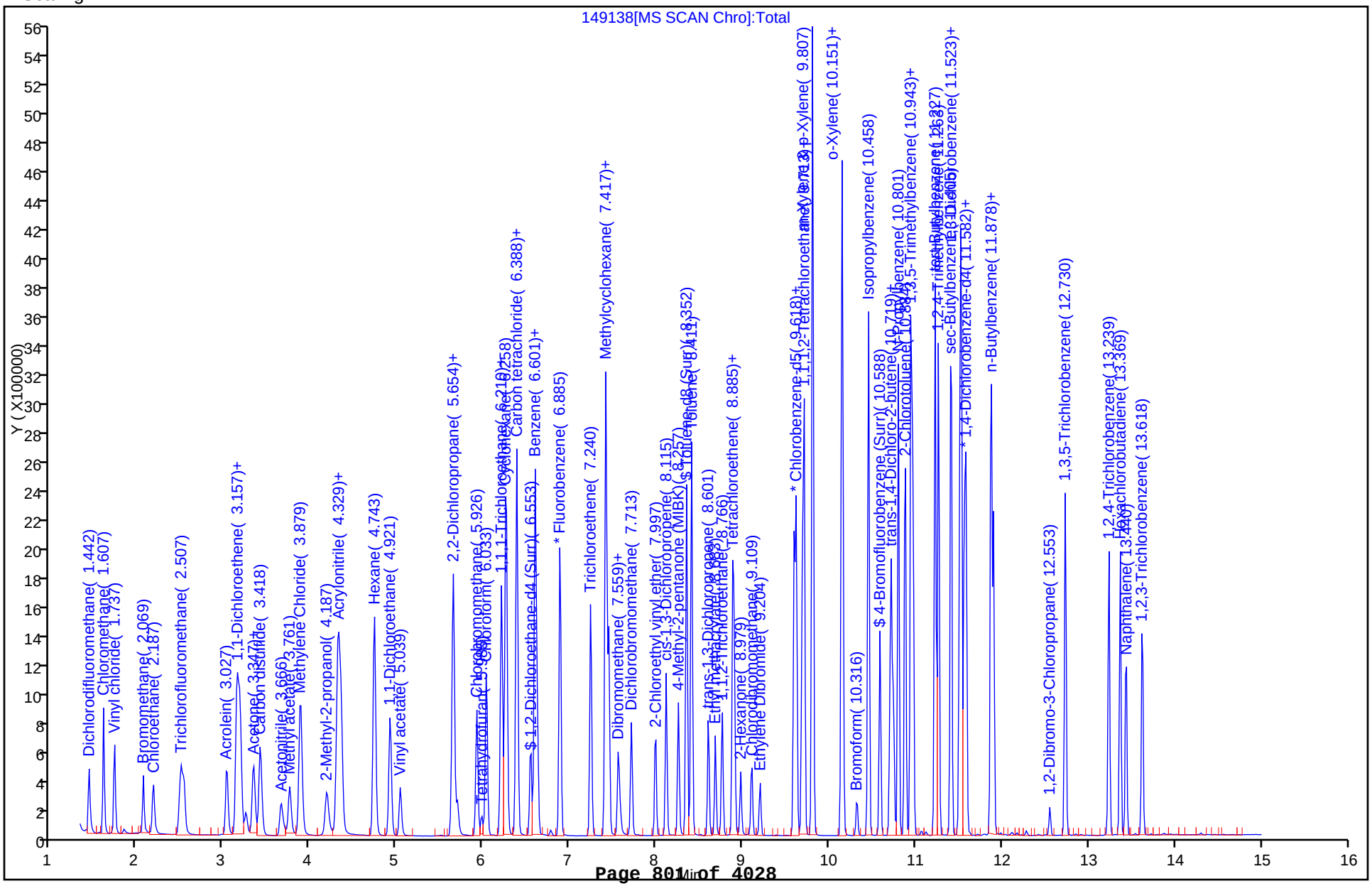
Report Date: 15-Nov-2012 10:40:32 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149138.D

Injection Date:	14-Nov-2012 12:35:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	3
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-64980/4 Calibration Date: 11/14/2012 12:57

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149139.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Lin1		0.2317		0.0439	0.0500	-12.3	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2712		0.0474	0.0500	-5.1	20.0
Toluene-d8 (Surr)	Lin1		1.431		0.0478	0.0500	-4.4	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8202		0.0495	0.0500	-1.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D
Lims ID: CCV Client ID:
Inject. Date: 14-Nov-2012 12:57:30 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: ccv
Misc. Info.: 240-0014942-004 =240-0014942-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64980 Lims Sample ID: 4
Sublist: chrom-8260_14*sub15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 13:21:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1468981	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	849356	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	475734	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	60	340354	43.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	398398	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1215815	47.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	390199	49.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	790555	49.5	
19 Ethyl ether	59	2.873	2.873	0.0	98	338570	46.7	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	84	204825	45.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1006338	53.7	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1831879	246.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1342611	49.1	
44 Propionitrile	54	5.761	5.761	0.0	98	86848	89.8	
45 Ethyl acetate	43	5.796	5.796	0.0	99	517876	98.8	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	200637	47.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	204644	959.7	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	835075	49.8	
58 n-Heptane	100	6.897	6.897	0.0	96	115572	56.7	
59 n-Butanol	56	7.228	7.228	0.0	97	116870	953.4	
64 Methyl methacrylate	41	7.583	7.583	0.0	88	215836	49.7	
68 2-Nitropropane	41	7.914	7.914	0.0	99	75287	102.6	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	609730	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	596626	489.2	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1517536	53.2	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	87	1095355	97.0	

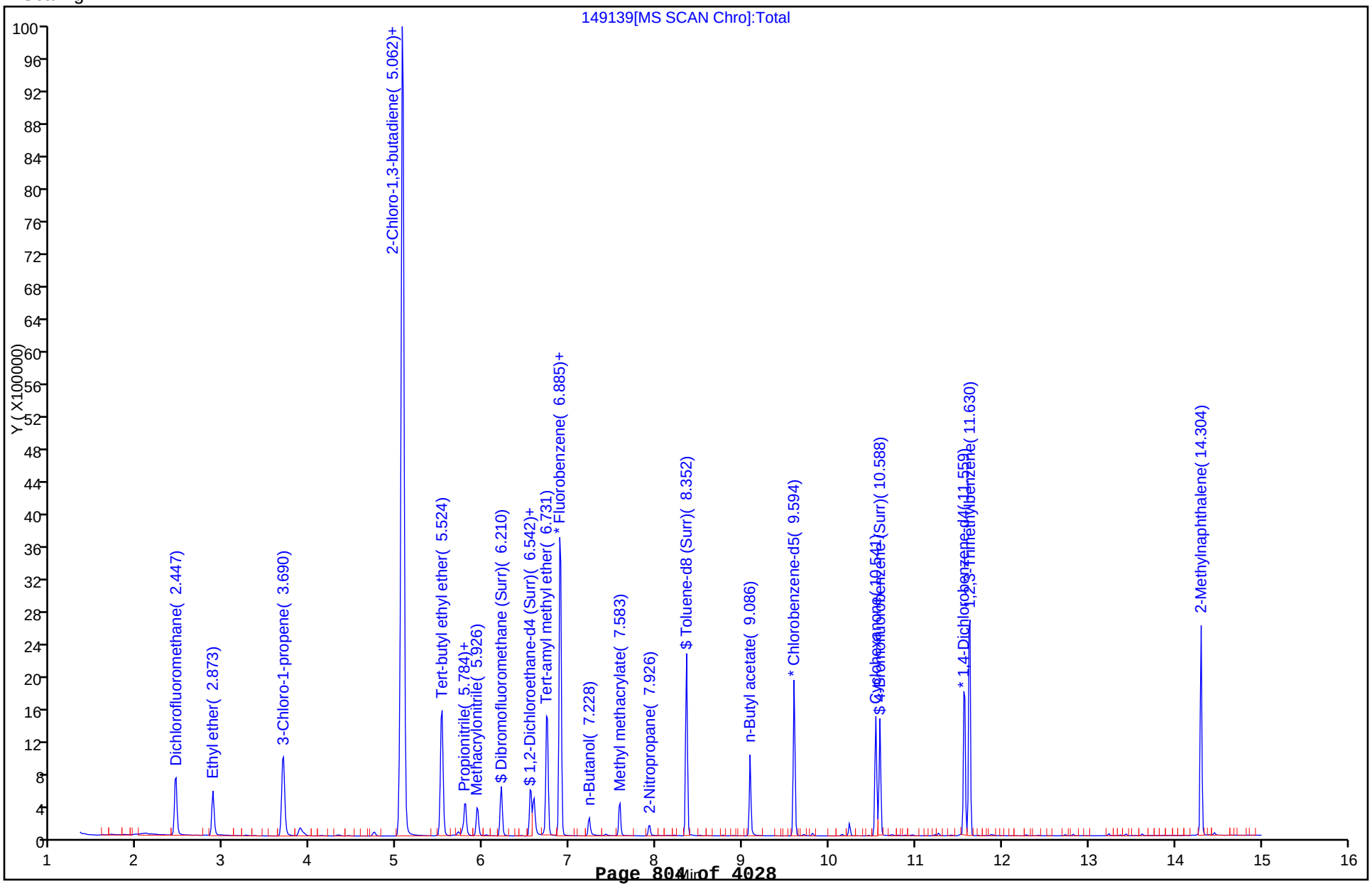
Report Date: 15-Nov-2012 10:40:33 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D

Injection Date:	14-Nov-2012 12:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-64980/4 Calibration Date: 11/14/2012 12:57

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149139.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorofluoromethane	Ave	0.5441	0.5382		0.0495	0.0500	-1.1	20.0
Cyclohexanone	Ave	0.0718	0.0702		0.489	0.500	-2.2	20.0
1,2,3-Trimethylbenzene	Ave	2.995	3.190		0.0532	0.0500	6.5	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D
Lims ID: CCV Client ID:
Inject. Date: 14-Nov-2012 12:57:30 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: ccv
Misc. Info.: 240-0014942-004 =240-0014942-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64980 Lims Sample ID: 4
Sublist: chrom-8260_14*sub15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 13:21:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1468981	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	849356	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	475734	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	60	340354	43.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	398398	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1215815	47.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	390199	49.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	790555	49.5	
19 Ethyl ether	59	2.873	2.873	0.0	98	338570	46.7	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	84	204825	45.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1006338	53.7	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1831879	246.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1342611	49.1	
44 Propionitrile	54	5.761	5.761	0.0	98	86848	89.8	
45 Ethyl acetate	43	5.796	5.796	0.0	99	517876	98.8	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	200637	47.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	204644	959.7	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	835075	49.8	
58 n-Heptane	100	6.897	6.897	0.0	96	115572	56.7	
59 n-Butanol	56	7.228	7.228	0.0	97	116870	953.4	
64 Methyl methacrylate	41	7.583	7.583	0.0	88	215836	49.7	
68 2-Nitropropane	41	7.914	7.914	0.0	99	75287	102.6	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	609730	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	596626	489.2	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1517536	53.2	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	87	1095355	97.0	

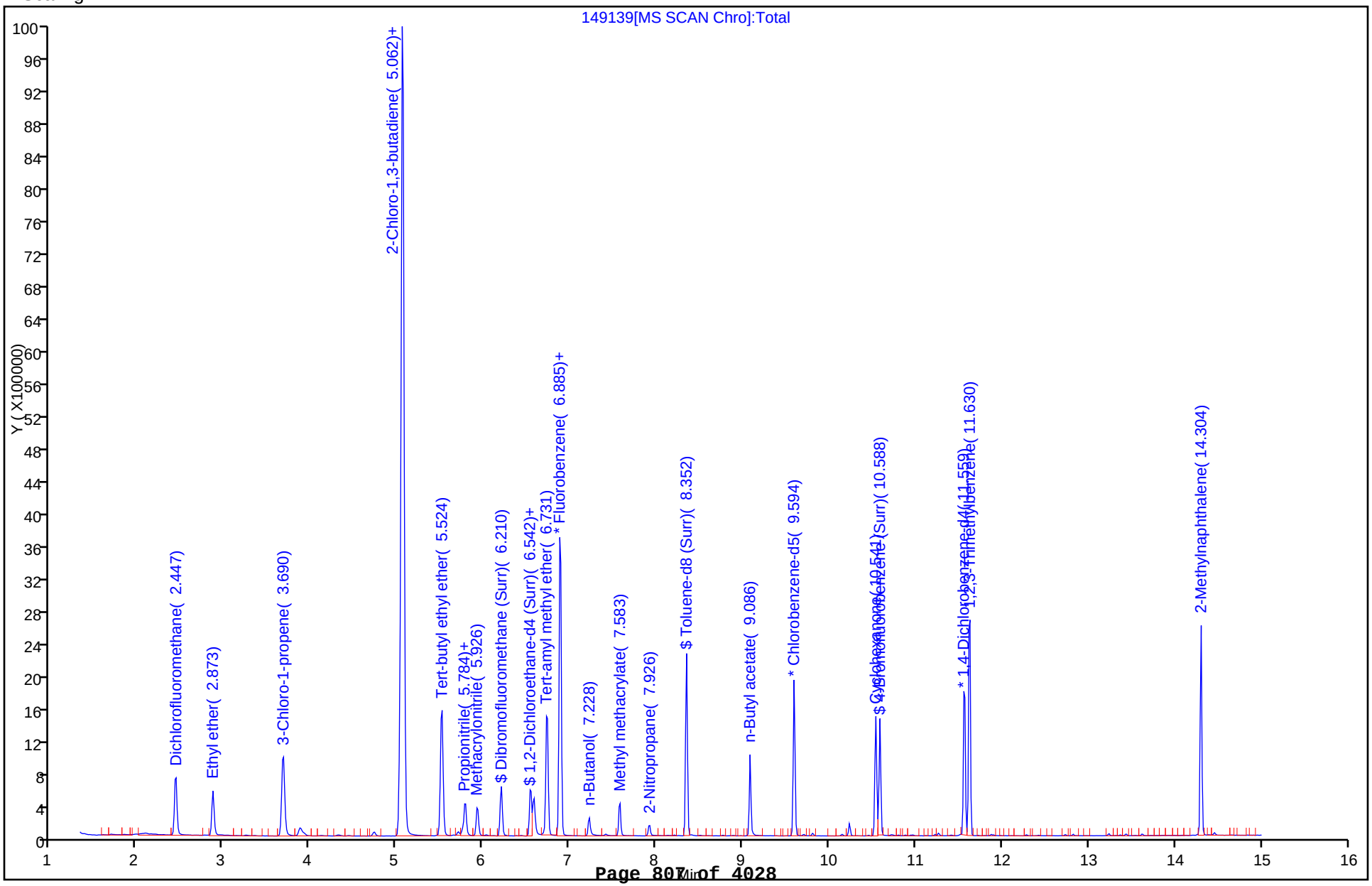
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D

Injection Date:	14-Nov-2012 12:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65171/3 Calibration Date: 11/15/2012 11:37

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149171.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2874	0.2903	0.1000	0.0505	0.0500	1.0	20.0
Chloromethane	Ave	0.4898	0.4755	0.1000	0.0485	0.0500	-2.9	20.0
Vinyl chloride	Ave	0.3840	0.3827	0.1000	0.0498	0.0500	-0.4	20.0
Bromomethane	Lin1		0.1268	0.0500	0.0510	0.0500	2.0	20.0
Chloroethane	Ave	0.2207	0.2109	0.0500	0.0478	0.0500	-4.4	20.0
Trichlorofluoromethane	Ave	0.3665	0.3731	0.1000	0.0509	0.0500	1.8	20.0
1,1-Dichloroethene	Ave	0.2874	0.2772	0.1000	0.0482	0.0500	-3.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2745	0.2653	0.0500	0.0483	0.0500	-3.3	20.0
Acetone	Lin1		0.0726	0.0500	0.0967	0.100	-3.3	20.0
Iodomethane	Ave	0.5119	0.4769		0.0466	0.0500	-6.8	20.0
Carbon disulfide	Lin1		0.6802	0.1000	0.0405	0.0500	-19.0	20.0
Methyl acetate	Ave	0.2047	0.1935	0.1000	0.0945	0.100	-5.5	20.0
Methylene Chloride	Lin1		0.3057	0.1000	0.0476	0.0500	-4.9	20.0
2-Methyl-2-propanol	Ave	0.0145	0.0124		0.857	1.00	-14.3	20.0
trans-1,2-Dichloroethene	Ave	0.3227	0.3057	0.1000	0.0474	0.0500	-5.3	20.0
Methyl tert-butyl ether	Ave	0.6527	0.5957	0.1000	0.0456	0.0500	-8.7	20.0
1,1-Dichloroethane	Ave	0.6187	0.5998	0.1000	0.0485	0.0500	-3.0	20.0
Vinyl acetate	Lin1		0.0233		0.0425	0.0500	-15.1	20.0
2,2-Dichloropropane	Ave	0.2081	0.2250		0.0541	0.0500	8.1	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3107	0.1000	0.0478	0.0500	-4.4	20.0
2-Butanone (MEK)	Lin1		0.0931	0.0500	0.0958	0.100	-4.2	20.0
Bromochloromethane	Ave	0.1429	0.1367		0.0478	0.0500	-4.4	20.0
Chloroform	Ave	0.5184	0.5046	0.2000	0.0487	0.0500	-2.7	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.4213	0.1000	0.0529	0.0500	5.7	20.0
Cyclohexane	Ave	0.8073	0.7951	0.1000	0.0492	0.0500	-1.5	20.0
1,1-Dichloropropene	Ave	0.3995	0.4017		0.0503	0.0500	0.6	20.0
Carbon tetrachloride	Lin1		0.3840	0.1000	0.0483	0.0500	-3.4	20.0
Benzene	Ave	1.113	1.056	0.5000	0.0474	0.0500	-5.2	20.0
1,2-Dichloroethane	Ave	0.3993	0.3745	0.1000	0.0469	0.0500	-6.2	20.0
Trichloroethene	Ave	0.3155	0.3057	0.2000	0.0484	0.0500	-3.1	20.0
Methylcyclohexane	Ave	0.6141	0.6076	0.1000	0.0495	0.0500	-1.1	20.0
1,2-Dichloropropane	Ave	0.2810	0.2782	0.1000	0.0495	0.0500	-1.0	20.0
Dibromomethane	Ave	0.1221	0.1161		0.0475	0.0500	-5.0	20.0
Bromodichloromethane	Lin1		0.2548	0.1000	0.0426	0.0500	-14.9	20.0
cis-1,3-Dichloropropene	Qua		0.2736	0.1500	0.0457	0.0500	-8.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3084	0.3073	0.0500	0.0997	0.100	-0.3	20.0
Toluene	Ave	1.758	1.728	0.4000	0.0491	0.0500	-1.7	20.0
trans-1,3-Dichloropropene	Lin1		0.3350	0.1000	0.0433	0.0500	-13.4	20.0
1,1,2-Trichloroethane	Ave	0.2389	0.2321	0.1000	0.0486	0.0500	-2.8	20.0
Tetrachloroethene	Ave	0.4007	0.3959	0.2000	0.0494	0.0500	-1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65171/3 Calibration Date: 11/15/2012 11:37

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149171.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4174	0.4032		0.0483	0.0500	-3.4	20.0
2-Hexanone	Ave	0.1605	0.1581	0.0500	0.0985	0.100	-1.5	20.0
Dibromochloromethane	Qua		0.2488		0.0467	0.0500	-6.6	20.0
1,2-Dibromoethane	Ave	0.2326	0.2284		0.0491	0.0500	-1.8	20.0
Chlorobenzene	Ave	1.153	1.081	0.3000	0.0469	0.0500	-6.2	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.4101		0.0476	0.0500	-4.8	20.0
Ethylbenzene	Ave	0.6221	0.6045		0.0486	0.0500	-2.8	20.0
m-Xylene & p-Xylene	Ave	0.7625	0.7487		0.0982	0.100	-1.8	20.0
o-Xylene	Ave	0.8137	0.7784		0.0478	0.0500	-4.3	20.0
Styrene	Ave	1.042	1.046	0.3000	0.0502	0.0500	0.4	20.0
Bromoform	Qua		0.1116	0.1000	0.0427	0.0500	-14.6	20.0
Isopropylbenzene	Ave	2.198	2.160	0.1000	0.0491	0.0500	-1.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4994	0.5212	0.3000	0.0522	0.0500	4.4	20.0
Bromobenzene	Ave	0.8110	0.8028		0.0495	0.0500	-1.0	20.0
1,2,3-Trichloropropane	Ave	0.1664	0.1579		0.0475	0.0500	-5.1	20.0
N-Propylbenzene	Ave	0.9810	1.061		0.0541	0.0500	8.2	20.0
2-Chlorotoluene	Ave	0.8900	0.9062		0.0509	0.0500	1.8	20.0
1,3,5-Trimethylbenzene	Ave	3.118	3.314		0.0531	0.0500	6.3	20.0
4-Chlorotoluene	Ave	0.8531	0.8457		0.0496	0.0500	-0.9	20.0
tert-Butylbenzene	Ave	2.995	3.175		0.0530	0.0500	6.0	20.0
1,2,4-Trimethylbenzene	Ave	3.071	3.161		0.0515	0.0500	3.0	20.0
sec-Butylbenzene	Ave	4.052	4.300		0.0531	0.0500	6.1	20.0
1,3-Dichlorobenzene	Ave	1.760	1.668	0.6000	0.0474	0.0500	-5.2	20.0
4-Isopropyltoluene	Ave	3.533	3.769		0.0533	0.0500	6.7	20.0
1,4-Dichlorobenzene	Ave	1.824	1.663	0.5000	0.0456	0.0500	-8.8	20.0
n-Butylbenzene	Ave	2.960	3.007		0.0508	0.0500	1.6	20.0
1,2-Dichlorobenzene	Ave	1.701	1.564	0.4000	0.0460	0.0500	-8.1	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0669	0.0500	0.0416	0.0500	-16.9	20.0
1,2,4-Trichlorobenzene	Ave	1.201	0.9743	0.2000	0.0406	0.0500	-18.9	20.0
Hexachlorobutadiene	Ave	0.6558	0.5687		0.0434	0.0500	-13.3	20.0
Dibromofluoromethane (Surr)	Lin1		0.2406		0.0456	0.0500	-8.8	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2621		0.0458	0.0500	-8.4	20.0
Toluene-d8 (Surr)	Lin1		1.448		0.0484	0.0500	-3.3	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8412		0.0507	0.0500	1.5	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149171.D
Lims ID: CCVIS Client ID:
Inject. Date: 15-Nov-2012 11:37:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: ccvis
Misc. Info.: 240-0014986-003 =240-0014986-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 65171 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:07 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 11:55:40

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1544375	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.595	0.0	98	914414	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	98	487749	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	77	371529	45.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	94	404821	45.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1324467	48.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	410278	50.7	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	448378	50.5	
13 Chloromethane	50	1.607	1.607	0.0	89	734319	48.5	
14 Vinyl chloride	62	1.737	1.737	0.0	83	590963	49.8	
15 Bromomethane	94	2.069	2.069	0.0	90	195758	51.0	
16 Chloroethane	64	2.187	2.187	0.0	93	325708	47.8	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	576225	50.9	
20 Acrolein	56	3.027	3.027	0.0	96	446824	426.1	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	84	428132	48.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	409779	48.3	
22 Acetone	43	3.252	3.252	0.0	97	224359	96.7	
24 Iodomethane	142	3.347	3.347	0.0	99	736540	46.6	
26 Carbon disulfide	76	3.418	3.418	0.0	99	1050437	40.5	
27 Acetonitrile	41	3.666	3.666	0.0	99	419605	435.4	
28 Methyl acetate	43	3.761	3.761	0.0	98	597507	94.5	
30 Methylene Chloride	84	3.879	3.879	0.0	88	472038	47.6	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	382884	856.6	
32 Acrylonitrile	53	4.305	4.305	0.0	97	277136	92.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	472166	47.4	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	89	919977	45.6	
35 Hexane	86	4.743	4.743	0.0	96	109873	46.8	
36 1,1-Dichloroethane	63	4.921	4.921	0.0	86	926327	48.5	
37 Vinyl acetate	86	5.039	5.039	0.0	97	35996	42.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	347511	54.1	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	479795	47.8	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	287427	95.8	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	211145	47.8	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	100038	46.9	
49 Chloroform	83	6.033	6.033	0.0	84	779241	48.7	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	92	650613	52.9	
51 Cyclohexane	56	6.258	6.258	0.0	95	1227965	49.2	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	592981	48.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	620378	50.3	
55 Benzene	78	6.601	6.601	0.0	97	1630241	47.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	578316	46.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	472051	48.4	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	938345	49.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	429705	49.5	
65 Dibromomethane	93	7.559	7.559	0.0	88	179260	47.5	
66 1,4-Dioxane	88	7.583	7.583	0.0	91	108183	2216.9	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	393459	42.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	244817	98.0	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	422513	45.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	562080	99.7	
72 Toluene	91	8.411	8.411	0.0	97	1579790	49.1	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	90	306303	43.3	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	232696	44.6	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	212253	48.6	
77 Tetrachloroethene	164	8.885	8.885	0.0	91	362046	49.4	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	368712	48.3	
78 2-Hexanone	43	8.979	8.979	0.0	98	289164	98.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	227529	46.7	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	208861	49.1	
82 Chlorobenzene	112	9.618	9.618	0.0	91	988813	46.9	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	375030	47.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	552730	48.6	
10 m-Xylene & p-Xylene	106	9.808	9.808	0.0	98	1369264	98.2	
85 o-Xylene	106	10.151	10.151	0.0	95	711781	47.8	
86 Styrene	104	10.162	10.162	0.0	94	956581	50.2	
87 Bromoform	173	10.328	10.328	0.0	98	102038	42.7	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1975375	49.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	254193	52.2	
91 Bromobenzene	156	10.719	10.719	0.0	93	391580	49.5	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	77029	47.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	50	78098	47.3	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	517709	54.1	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	441986	50.9	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	1616354	53.1	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	412505	49.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	1548791	53.0	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1541904	51.5	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2097363	53.1	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	813349	47.4	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	89	1838316	53.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	811361	45.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1466900	50.8	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	762681	46.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	32609	41.6	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	611301	43.6	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	90	475190	40.6	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	277357	43.4	
111 Naphthalene	128	13.440	13.440	0.0	97	762558	37.9	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	94	353816	36.3	
S 137 Trihalomethanes, Total	1				0		180.6	
S 11 1,2-Dichloroethene, Total	96				0		95.2	
S 9 1,3-Dichloropropene, Total	75				0		89.0	
S 114 Xylenes, Total	106				0		146.0	

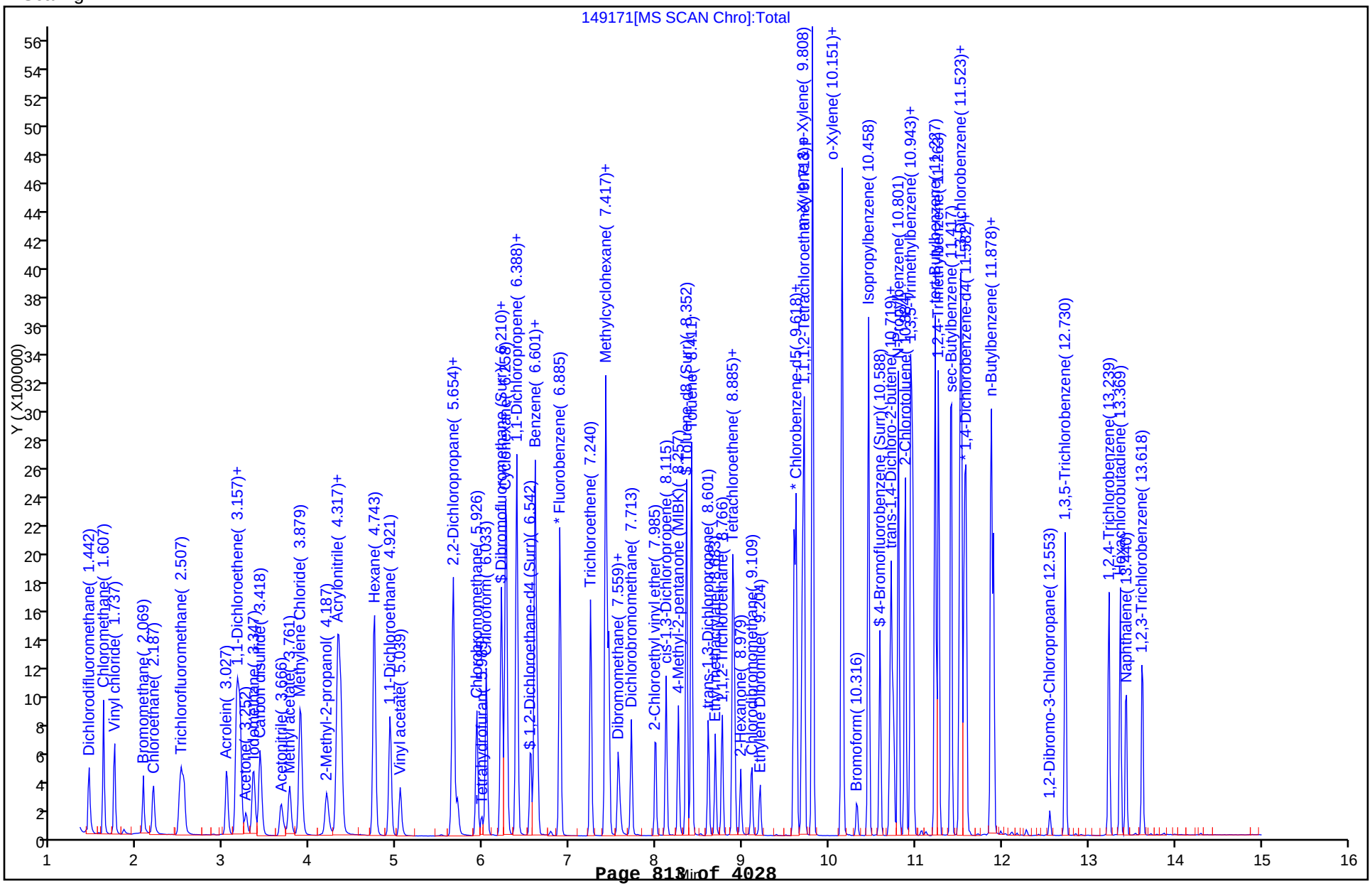
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149171.D

Injection Date:	15-Nov-2012 11:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	3
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65171/4 Calibration Date: 11/15/2012 11:58

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149172.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Lin1		0.2315		0.0438	0.0500	-12.4	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2632		0.0460	0.0500	-8.0	20.0
Toluene-d8 (Surr)	Lin1		1.435		0.0479	0.0500	-4.2	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8285		0.0500	0.0500	-0.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	15-Nov-2012 11:58:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0014986-004 =240-0014986-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	65171	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m		
Last Update:	16-Nov-2012 09:58:08	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: macenczaks		Date:	15-Nov-2012 12:25:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1510710	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	849252	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	467693	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	73	349685	43.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	397598	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1218763	47.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	387488	50.0	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	743148	45.2	
19 Ethyl ether	59	2.873	2.873	0.0	98	339276	45.5	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	205894	44.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1007423	52.3	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1803907	236.0	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1323485	47.1	
44 Propionitrile	54	5.760	5.760	0.0	98	84921	85.4	
45 Ethyl acetate	43	5.796	5.796	0.0	99	510451	94.7	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	195229	45.0	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	190482	868.6	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	812347	47.1	
58 n-Heptane	100	6.896	6.896	0.0	96	113791	54.3	
59 n-Butanol	56	7.228	7.228	0.0	97	114106	931.7	
64 Methyl methacrylate	41	7.571	7.571	0.0	88	206435	46.2	
68 2-Nitropropane	41	7.926	7.926	0.0	99	67030	90.2	
132 n-Butyl acetate	43	9.085	9.085	0.0	0	618879	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	535347	439.0	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1432392	51.1	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	89	989791	89.2	

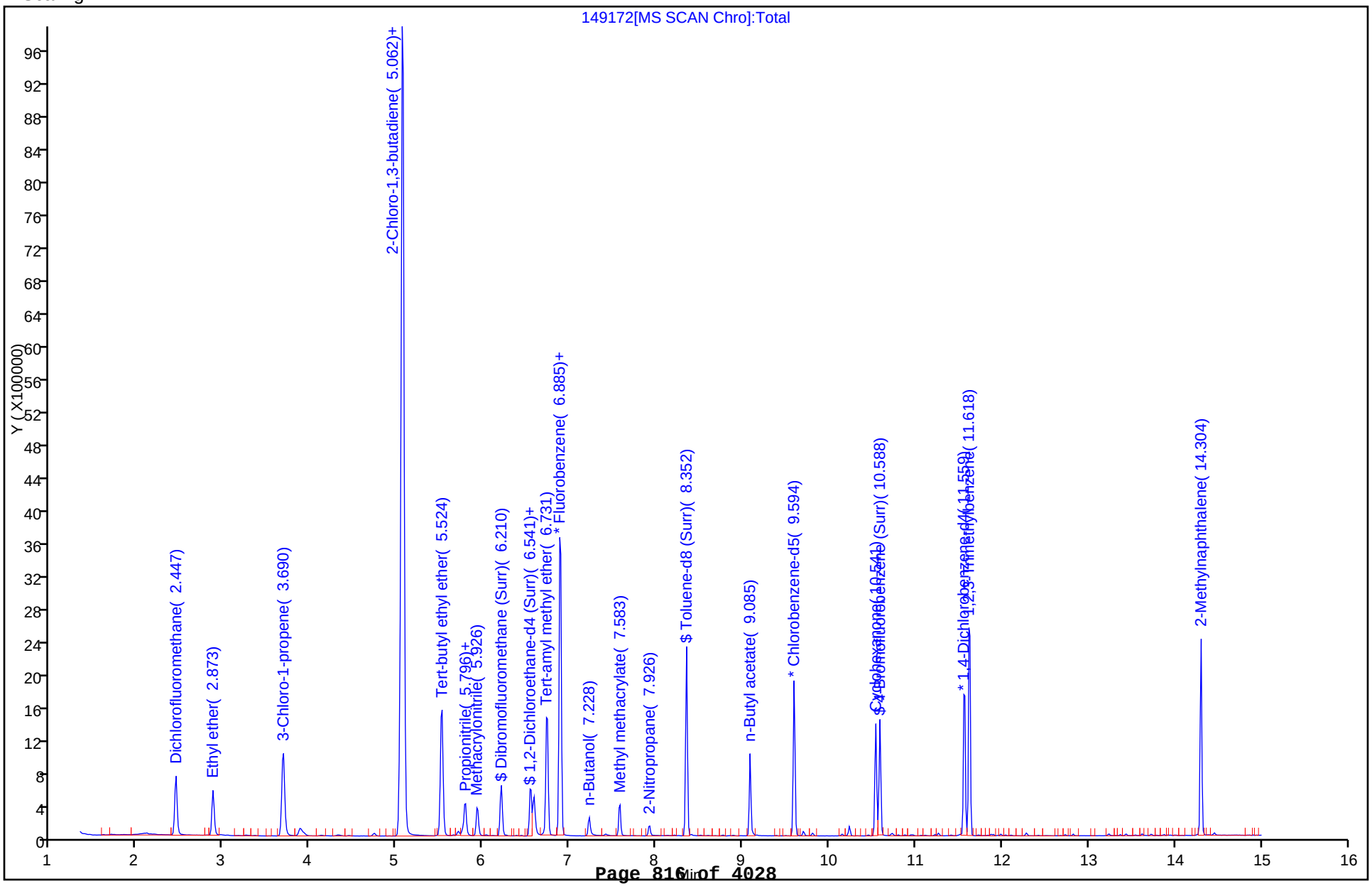
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D

Injection Date:	15-Nov-2012 11:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65171/4 Calibration Date: 11/15/2012 11:58

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149172.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorofluoromethane	Ave	0.5441	0.4919		0.0452	0.0500	-9.6	20.0
Cyclohexanone	Ave	0.0718	0.0630		0.439	0.500	-12.2	20.0
1,2,3-Trimethylbenzene	Ave	2.995	3.063		0.0511	0.0500	2.3	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	15-Nov-2012 11:58:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0014986-004 =240-0014986-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	65171	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m		
Last Update:	16-Nov-2012 09:58:08	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: macenczaks		Date:	15-Nov-2012 12:25:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1510710	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	849252	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	467693	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	73	349685	43.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	397598	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1218763	47.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	387488	50.0	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	743148	45.2	
19 Ethyl ether	59	2.873	2.873	0.0	98	339276	45.5	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	205894	44.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1007423	52.3	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1803907	236.0	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1323485	47.1	
44 Propionitrile	54	5.760	5.760	0.0	98	84921	85.4	
45 Ethyl acetate	43	5.796	5.796	0.0	99	510451	94.7	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	195229	45.0	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	190482	868.6	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	812347	47.1	
58 n-Heptane	100	6.896	6.896	0.0	96	113791	54.3	
59 n-Butanol	56	7.228	7.228	0.0	97	114106	931.7	
64 Methyl methacrylate	41	7.571	7.571	0.0	88	206435	46.2	
68 2-Nitropropane	41	7.926	7.926	0.0	99	67030	90.2	
132 n-Butyl acetate	43	9.085	9.085	0.0	0	618879	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	535347	439.0	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1432392	51.1	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	89	989791	89.2	

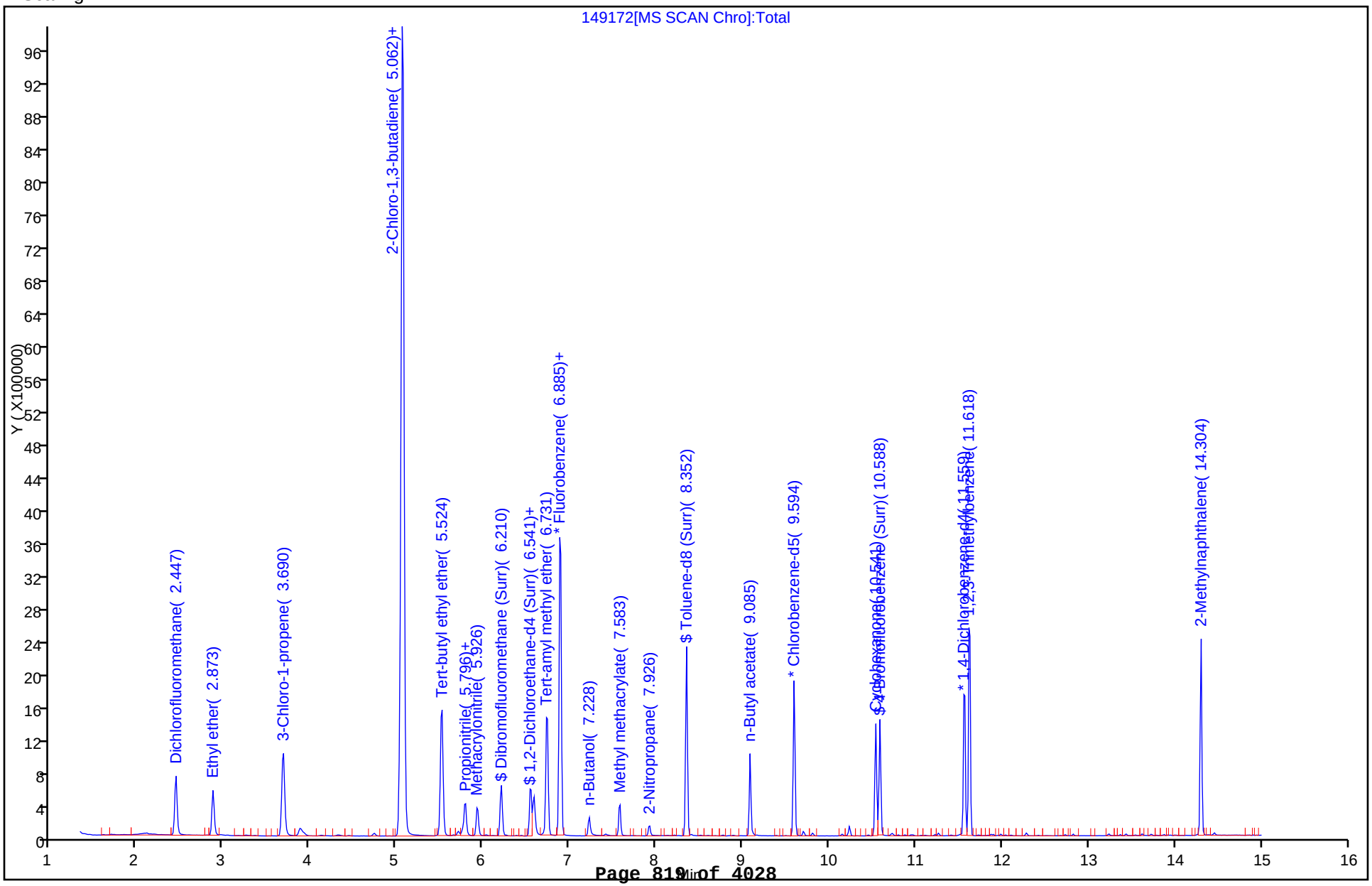
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D

Injection Date:	15-Nov-2012 11:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	12-Nov-2012 13:44:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21112A-IC,BFBUX10,,1904 =P21112A-IC,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	64678	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:52	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	12-Nov-2012 14:08:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.748	3.748	0.0	0	464045	0	

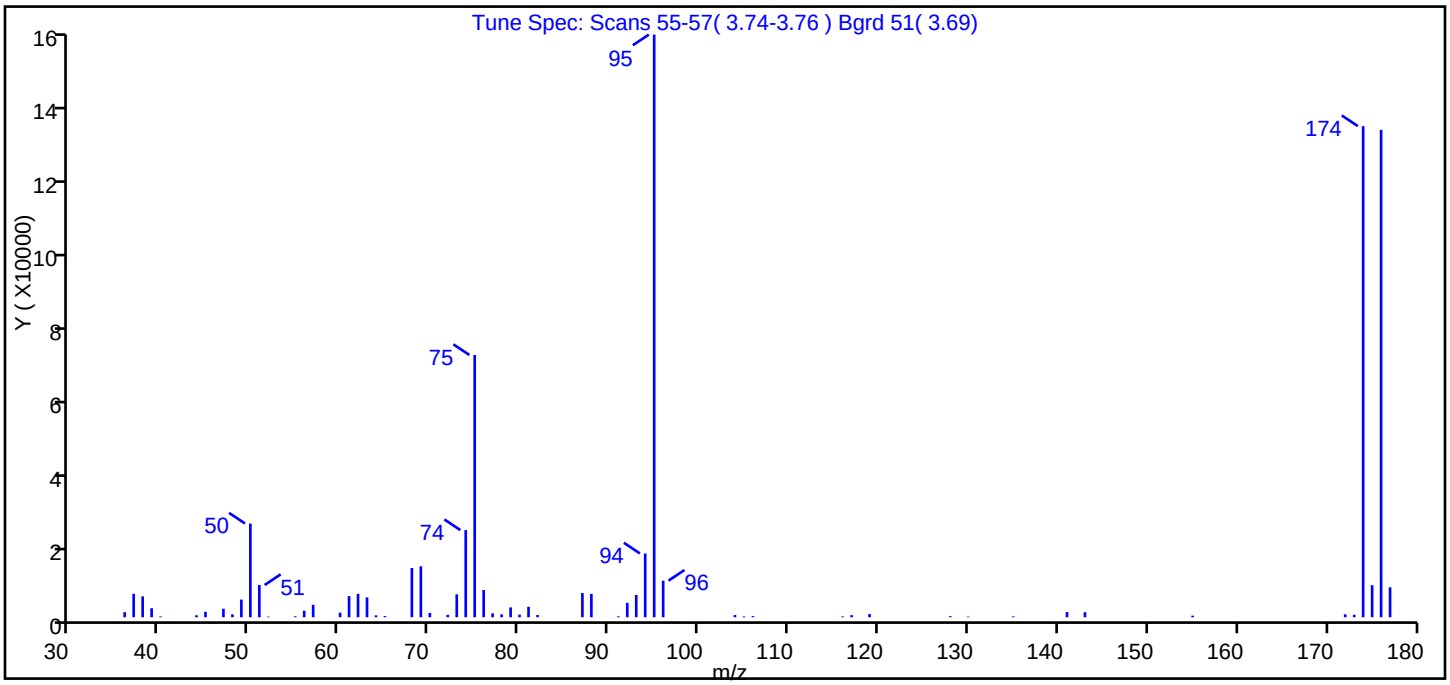
Report Date: 14-Nov-2012 12:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D		
Injection Date:	12-Nov-2012 13:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	1
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.09
75	30.00 - 60.00% of mass 95	45.01
96	5.00 - 9.00% of mass 95	6.28
173	Less than 2.00% of mass 174	0.43 (0.51)
174	Greater than 50.00% of mass 95	84.29
175	5.00 - 9.00% of mass 174	5.50 (6.53)
176	95.00 - 101.00% of mass 174	83.64 (99.23)
177	5.00 - 9.00% of mass 176	5.15 (6.16)

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D\8260_10.rslt\spectra.d
Injection Date: 12-Nov-2012 13:44:30
Spectrum: Tune Spec: Scans 55-57(3.74-3.76) Bgrd 51(3.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1324	60.00	1202	79.00	2549	117.00	533
37.00	6063	61.00	5473	80.00	675	119.00	816
38.00	5390	62.00	6068	81.00	2702	128.00	270
39.00	2338	63.00	5135	82.00	577	130.00	169
40.00	204	64.00	486	87.00	6259	135.00	228
44.00	517	65.00	303	88.00	6061	141.00	1335
45.00	1423	68.00	12760	91.00	241	143.00	1304
47.00	2207	69.00	13191	92.00	3739	155.00	416
48.00	748	70.00	1107	93.00	5766	172.00	764
49.00	4579	72.00	619	94.00	16520	173.00	646
50.00	24264	73.00	5931	95.00	150848	174.00	127152
51.00	8351	74.00	22560	96.00	9474	175.00	8300
52.00	167	75.00	67904	104.00	579	176.00	126176
55.00	241	76.00	7051	105.00	218	177.00	7770
56.00	1678	77.00	1003	106.00	286		
57.00	3222	78.00	752	116.00	222		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121113-14902.b\BFB5045.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	13-Nov-2012 10:58:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0014902-001		
Misc. Info.:	P21113A,BFBUX10,,1904 =P21113A,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	16
Lims Batch ID:	64831	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m		
Last Update:	14-Nov-2012 13:08:21	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 12:02:00

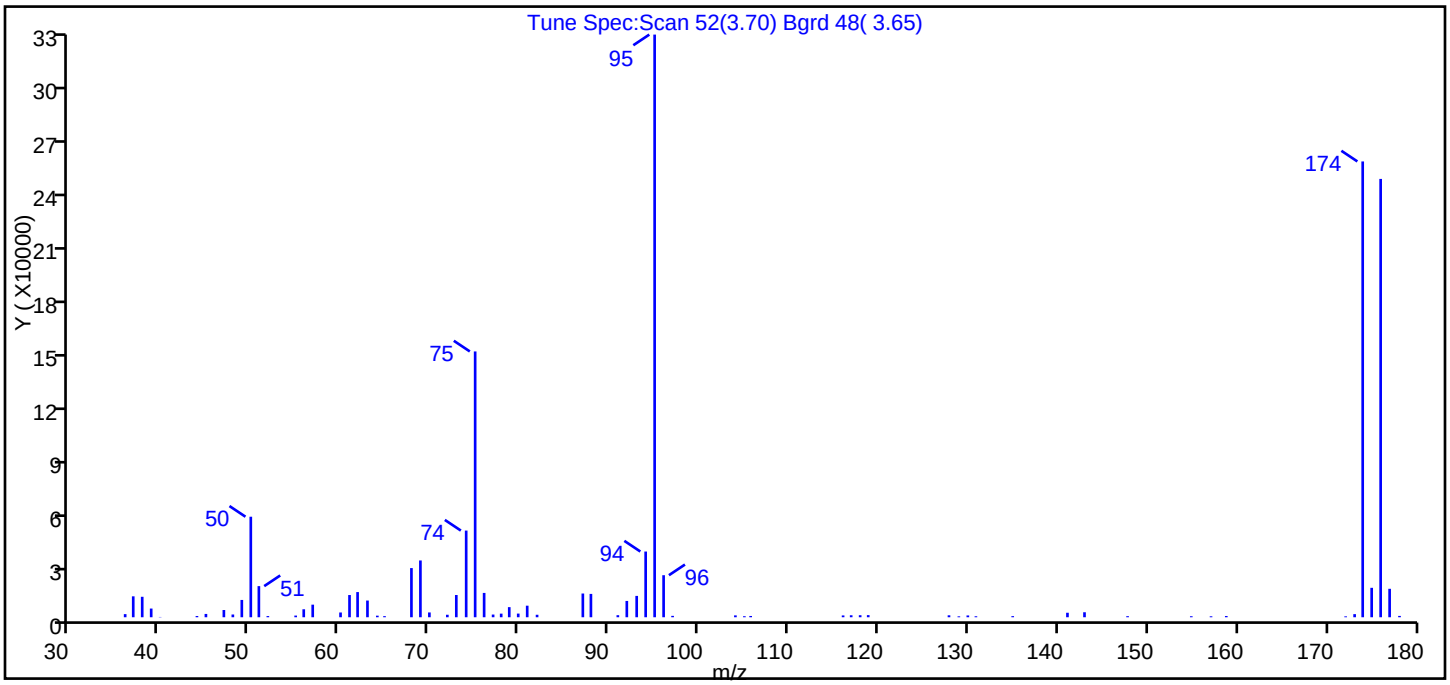
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.699	3.699	0.0	0	485914	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121113-14902.b\BFB5045.D		
Injection Date:	13-Nov-2012 10:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	1
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.25
75	30.00 - 60.00% of mass 95	45.62
96	5.00 - 9.00% of mass 95	7.22
173	Less than 2.00% of mass 174	0.54 (0.68)
174	Greater than 50.00% of mass 95	78.23
175	5.00 - 9.00% of mass 174	5.05 (6.46)
176	95.00 - 101.00% of mass 174	75.23 (96.17)
177	5.00 - 9.00% of mass 176	4.88 (6.49)

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\BFB5045.D\8260_10.rslt\spectra.d
Injection Date: 13-Nov-2012 10:58:30
Spectrum: Tune Spec:Scan 52(3.70) Bgrd 48(3.65)
Base Peak: 95.05
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.05	1754	61.95	14113	87.05	13307	129.95	1011
36.95	11730	63.05	9369	87.95	13087	130.85	560
37.95	11472	64.15	887	90.95	1156	134.95	629
38.95	4880	64.95	621	91.95	9140	141.05	2523
39.95	161	67.95	27560	93.05	11967	142.95	2804
44.05	694	68.95	31832	94.05	36840	147.75	604
45.05	1860	69.95	2696	95.05	326592	154.85	567
47.05	4059	71.95	1402	96.05	23568	157.05	535
48.05	1549	72.95	12470	97.05	782	158.75	692
49.05	9699	74.05	48584	104.05	1049	172.05	502
50.05	56352	75.05	148992	105.05	576	173.05	1749
50.95	17448	76.05	13638	105.75	719	173.95	255488
51.95	667	77.05	1520	116.05	1021	174.95	16504
55.05	943	77.95	2030	116.95	1116	175.95	245696
55.95	4477	78.85	5668	117.95	1142	176.95	15948
56.95	7062	79.85	2058	118.85	1196	178.05	753
60.05	2676	80.85	6483	127.85	1092		
61.05	12454	81.95	1397	128.95	513		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\BFB14279.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	13-Nov-2012 16:10:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0014916-027 =240-0014916-027		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	64859	Lims Sample ID:	27
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:49	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 10:24:37

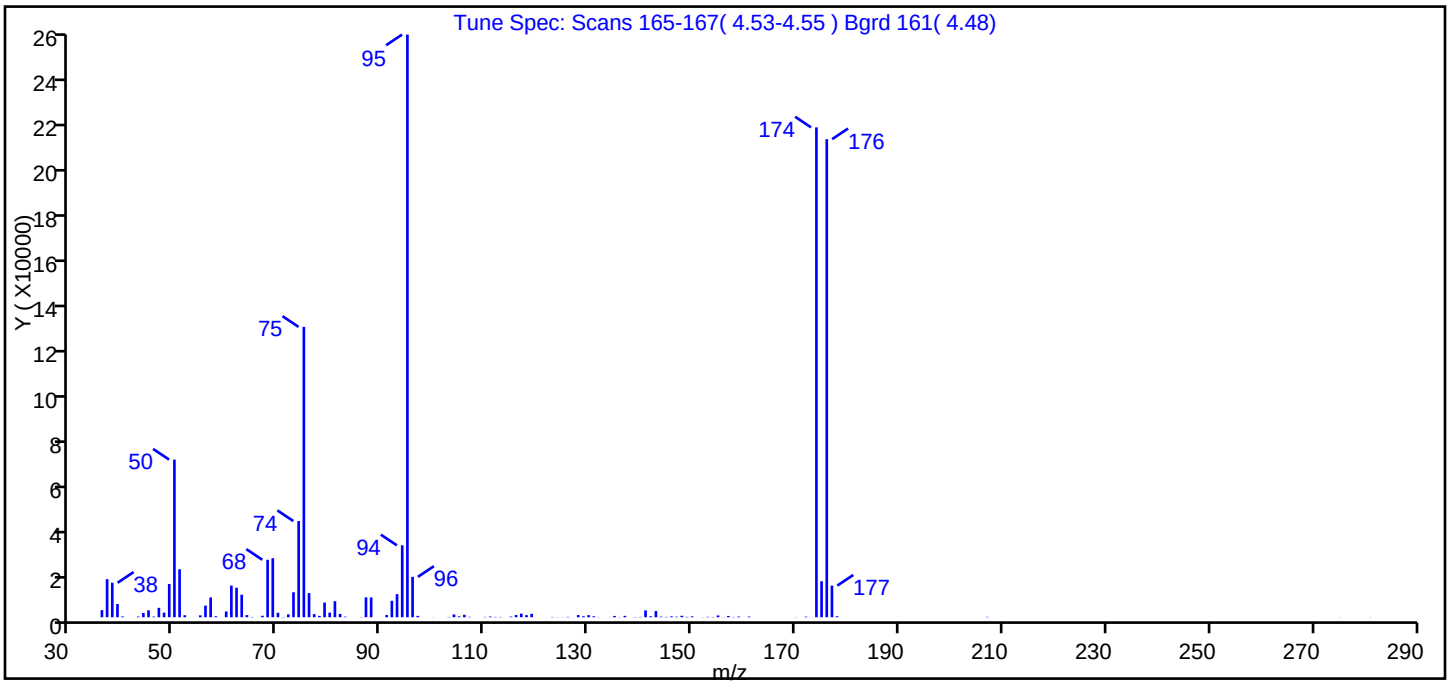
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	597412	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\BFB14279.D		
Injection Date:	13-Nov-2012 16:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	27.06
75	30.00 - 60.00% of mass 95	49.84
96	5.00 - 9.00% of mass 95	6.93
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	84.07
175	5.00 - 9.00% of mass 174	6.19 (7.36)
176	95.00 - 101.00% of mass 174	82.05 (97.60)
177	5.00 - 9.00% of mass 176	5.43 (6.62)

Report Date: 14-Nov-2012 15:22:50 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\BFB14279.D\8260_14.rslt\spectra.d
Injection Date: 13-Nov-2012 16:10:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3130	70.00	1967	106.00	1065	143.00	2742
37.00	16752	71.00	123	107.00	186	144.00	279
38.00	15189	72.00	1266	110.00	149	145.00	156
39.00	5811	73.00	11001	111.00	326	146.00	385
40.00	362	74.00	42328	112.00	160	147.00	233
43.00	314	75.00	127776	113.00	141	148.00	648
44.00	1881	76.00	10606	115.00	293	149.00	178
45.00	3052	77.00	1379	116.00	991	150.00	398
46.00	283	78.00	621	117.00	1614	152.00	72
47.00	4149	79.00	6464	118.00	929	153.00	179
48.00	2030	80.00	2020	119.00	1513	154.00	131
49.00	14658	81.00	7084	123.00	133	155.00	793
50.00	69384	82.00	1458	124.00	58	156.00	57
51.00	21104	83.00	253	125.00	50	157.00	580
52.00	906	86.00	106	126.00	179	158.00	125
55.00	827	87.00	8752	128.00	973	159.00	321
56.00	5122	88.00	8709	129.00	441	161.00	317
57.00	8708	91.00	978	130.00	931	170.00	77
58.00	434	92.00	7245	131.00	433	172.00	269
60.00	2544	93.00	10184	132.00	75	174.00	215552
61.00	13935	94.00	31648	134.00	50	175.00	15864
62.00	12973	95.00	256384	135.00	579	176.00	210368
63.00	9924	96.00	17776	136.00	73	177.00	13924
64.00	955	97.00	606	137.00	626	178.00	431
65.00	147	100.00	53	139.00	112	207.00	174
67.00	662	103.00	140	140.00	151	275.00	51
68.00	25296	104.00	1223	141.00	3019	281.00	69
69.00	25984	105.00	388	142.00	434		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\BFB14280.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	14-Nov-2012 11:52:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0014942-001 =240-0014942-001		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	64980	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m		
Last Update:	15-Nov-2012 10:40:29	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK025		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 12:58:47

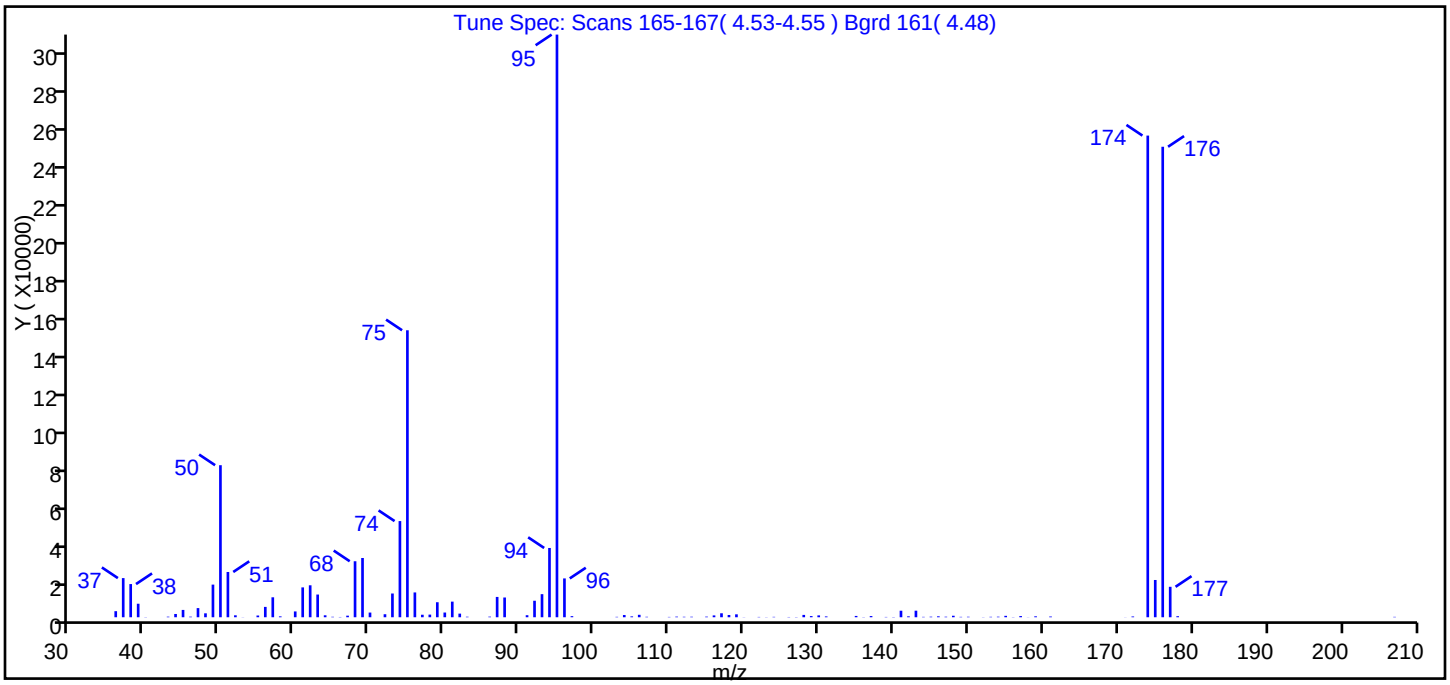
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.538	4.538	0.0	0	699660	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\BFB14280.D		
Injection Date:	14-Nov-2012 11:52:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	1
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.10
75	30.00 - 60.00% of mass 95	49.25
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	82.67
175	5.00 - 9.00% of mass 174	6.40 (7.74)
176	95.00 - 101.00% of mass 174	80.75 (97.68)
177	5.00 - 9.00% of mass 176	5.23 (6.47)

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\BFB14280.D\8260_14.rslt\spectra.d
Injection Date: 14-Nov-2012 11:52:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3133	68.00	28888	106.00	1269	143.00	3386
37.00	20192	69.00	30568	107.00	240	144.00	211
38.00	17120	70.00	2422	110.00	178	145.00	302
39.00	6981	72.00	1561	111.00	332	146.00	484
40.00	92	73.00	12253	112.00	250	147.00	287
43.00	304	74.00	49608	113.00	272	148.00	776
44.00	1690	75.00	148032	115.00	330	149.00	210
45.00	3782	76.00	12800	116.00	951	150.00	260
46.00	311	77.00	1301	117.00	2054	152.00	77
47.00	4723	78.00	1367	118.00	1168	153.00	231
48.00	2026	79.00	7748	119.00	1512	154.00	296
49.00	16840	80.00	2439	120.00	72	155.00	732
50.00	78432	81.00	8059	122.00	172	156.00	95
51.00	23352	82.00	1873	123.00	81	157.00	609
52.00	1009	83.00	274	124.00	212	158.00	56
53.00	62	86.00	321	126.00	141	159.00	480
55.00	894	87.00	10481	127.00	114	161.00	382
56.00	5344	88.00	10190	128.00	1212	171.00	50
57.00	10294	91.00	1054	129.00	604	172.00	407
58.00	451	92.00	8514	130.00	957	174.00	248448
60.00	3002	93.00	11914	131.00	434	175.00	19224
61.00	15405	94.00	35736	135.00	678	176.00	242688
62.00	16488	95.00	300544	136.00	99	177.00	15708
63.00	11719	96.00	20032	137.00	612	178.00	539
64.00	1012	97.00	567	139.00	166	207.00	210
65.00	245	103.00	218	140.00	124		
66.00	140	104.00	1147	141.00	3371		
67.00	820	105.00	446	142.00	471		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\BFB14281.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	15-Nov-2012 10:54:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0014986-001 =240-0014986-001		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65171	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m		
Last Update:	16-Nov-2012 09:58:06	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: macenczaks		Date:	15-Nov-2012 11:56:04

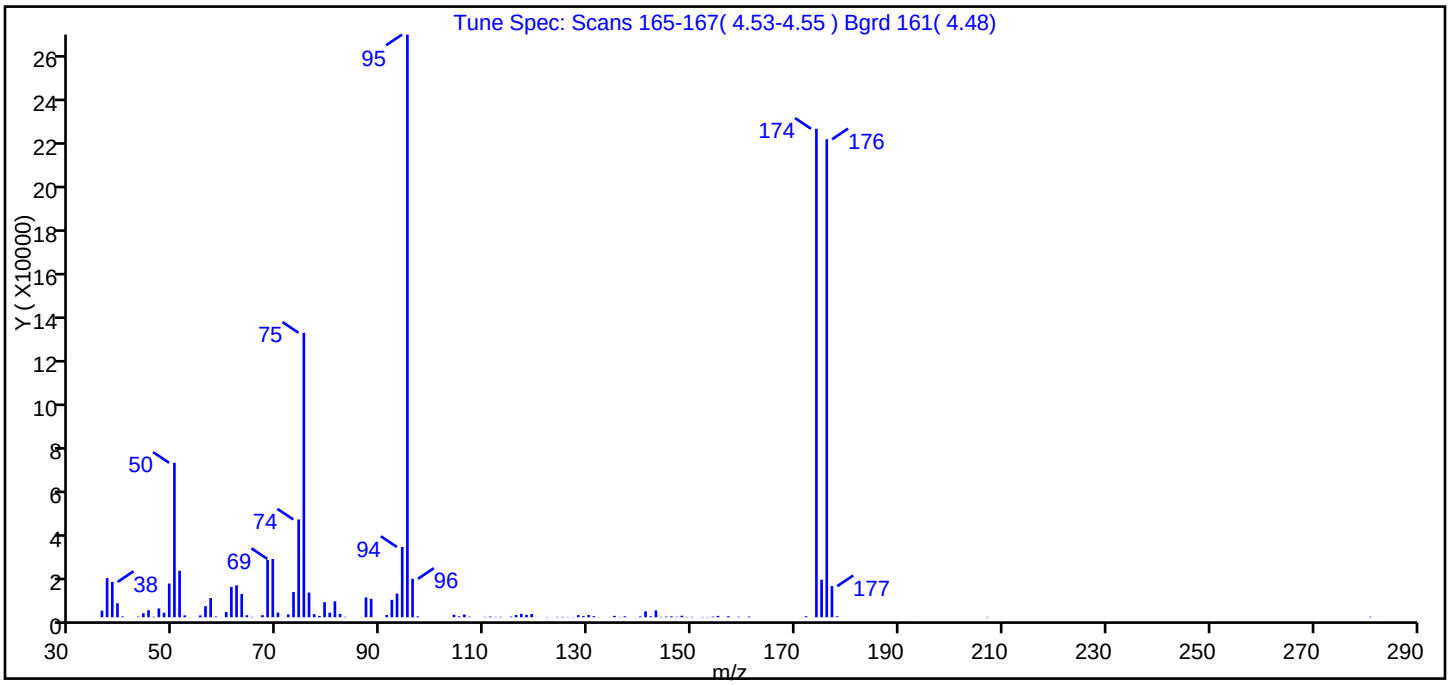
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	616014	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\BFB14281.D		
Injection Date:	15-Nov-2012 10:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	1
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.51
75	30.00 - 60.00% of mass 95	48.82
96	5.00 - 9.00% of mass 95	6.59
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	83.83
175	5.00 - 9.00% of mass 174	6.44 (7.69)
176	95.00 - 101.00% of mass 174	82.04 (97.86)
177	5.00 - 9.00% of mass 176	5.34 (6.51)

Report Date: 16-Nov-2012 09:58:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\BFB14281.D\8260_14.rslt\spectra.d
Injection Date: 15-Nov-2012 10:54:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3036	69.00	26752	110.00	169	143.00	3139
37.00	17984	70.00	2175	111.00	331	144.00	196
38.00	16229	72.00	1308	112.00	169	145.00	310
39.00	6427	73.00	11565	113.00	183	146.00	417
40.00	355	74.00	44896	115.00	279	147.00	215
43.00	287	75.00	130632	116.00	1011	148.00	696
44.00	1841	76.00	11339	117.00	1561	149.00	179
45.00	3237	77.00	1423	118.00	1078	150.00	198
46.00	225	78.00	641	119.00	1461	152.00	136
47.00	4057	79.00	6931	120.00	50	153.00	122
48.00	2070	80.00	2068	122.00	115	154.00	299
49.00	15480	81.00	7333	123.00	50	155.00	636
50.00	70936	82.00	1573	124.00	168	157.00	483
51.00	21368	83.00	203	125.00	178	159.00	240
52.00	872	86.00	72	126.00	104	161.00	319
53.00	63	87.00	9109	127.00	87	171.00	61
55.00	836	88.00	8474	128.00	983	172.00	461
56.00	5096	91.00	1025	129.00	502	174.00	224320
57.00	8826	92.00	7995	130.00	1033	175.00	17240
58.00	342	93.00	10856	131.00	482	176.00	219520
59.00	56	94.00	32280	132.00	70	177.00	14297
60.00	2450	95.00	267584	134.00	70	178.00	422
61.00	13864	96.00	17632	135.00	643	193.00	56
62.00	14644	97.00	414	136.00	103	207.00	158
63.00	10717	103.00	53	137.00	446	281.00	239
64.00	925	104.00	1130	139.00	64	283.00	50
65.00	187	105.00	395	140.00	365		
67.00	953	106.00	1239	141.00	2703		
68.00	26312	107.00	269	142.00	420		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64831/6

Matrix: Water | Lab File ID: UXX0866.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	1.37		1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-64831/6

Matrix: Water Lab File ID: UXX0866.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 12:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
1868-53-7	Dibromofluoromethane (Surr)	101		85-115
2037-26-5	Toluene-d8 (Surr)	101		85-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0866.D
Lims ID: MB Client ID:
Inject. Date: 13-Nov-2012 12:55:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0014902-006
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 64831 Lims Sample ID: 6
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	99	1739044	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.878	0.002	83	1174487	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.128	10.126	0.002	94	575968	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.627	-0.001	63	481503	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.911	0.011	0	572616	10.2	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1864742	10.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.992	8.993	-0.001	92	573008	9.37	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.562					
13 Chloromethane	50	1.692	1.692	0.0	66	18828	0.2817	
14 Vinyl chloride	62		1.799					
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94		2.083					
17 Chloroethane	64		2.165					
18 Dichlorofluoromethane	67		2.328					
19 Trichlorofluoromethane	101		2.390					
20 Ethyl ether	59		2.601					9
21 Acrolein	56		2.698					9
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.816					
25 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.828					
22 Methylal	45		2.851					9
26 Iodomethane	142		2.935					9
27 Carbon disulfide	76		3.006					9
28 Acetonitrile	41		3.041					
29 3-Chloro-1-propene	76		3.098					
30 Methyl acetate	43		3.100					
31 Methylene Chloride	84	3.194	3.195	-0.001	90	82090	1.37	
32 2-Methyl-2-propanol	59	3.265	3.254	0.011	65	5257	1.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Acrylonitrile	53		3.384					
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
36 Hexane	86		3.656					
37 1,1-Dichloroethane	63		3.763					
38 Vinyl acetate	86		3.798					
39 Isopropyl ether	87		3.819					
40 2-Chloro-1,3-butadiene	53		3.855					
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43		4.236					
44 2,2-Dichloropropane	77		4.248					
43 cis-1,2-Dichloroethene	96		4.248					
45 Propionitrile	54		4.281					
46 Ethyl acetate	43		4.281					9
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128		4.437					
49 Tetrahydrofuran	42		4.485					
50 Chloroform	83		4.496					
51 1,1,1-Trichloroethane	97		4.674					
52 Cyclohexane	56		4.745					
53 1,1-Dichloropropene	75		4.804					
54 Carbon tetrachloride	117		4.816					
55 Isobutyl alcohol	41		4.849					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.192					
60 n-Butanol	56		5.405					
61 Trichloroethene	130		5.514					
62 Ethyl acrylate	55		5.605					
64 1,2-Dichloropropane	63		5.703					
63 Methylcyclohexane	83		5.703					
65 Methyl methacrylate	41		5.772					
66 Dibromomethane	93		5.798					
67 1,4-Dioxane	88	5.821	5.810	0.011	24	3496	17.6	
68 Dichlorobromomethane	83		5.928					
69 2-Nitropropane	41		6.115					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.437					9
73 Toluene	91		6.626					9
74 trans-1,3-Dichloropropene	75		6.792					
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97		6.969					
77 1,3-Dichloropropane	76		7.123					
78 Tetrachloroethene	164		7.135					
79 2-Hexanone	43		7.182					9
80 n-Butyl acetate	56		7.298					
81 Chlorodibromomethane	129		7.336					
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107		7.455					
84 1-Chlorohexane	91		7.779					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
85 Chlorobenzene	112		7.904					9
86 1,1,1,2-Tetrachloroethane	131		7.975					
87 Ethylbenzene	106		8.011					9
88 m-Xylene & p-Xylene	106		8.117					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					9
91 Bromoform	173		8.685					
92 Isopropylbenzene	105		8.851					9
94 Cyclohexanone	55		8.931					9
93 1,4-Dichlorobutane	55		8.931					9
95 1,1,2,2-Tetrachloroethane	83		9.111					
96 Bromobenzene	156		9.147					
97 1,2,3-Trichloropropane	110		9.159					
98 trans-1,4-Dichloro-2-butene	53		9.170					
99 N-Propylbenzene	120		9.241					
100 2-Chlorotoluene	126		9.336					
101 1,3,5-Trimethylbenzene	105		9.407					9
102 4-Chlorotoluene	126		9.431					
103 tert-Butylbenzene	119		9.738					9
104 1,2,4-Trimethylbenzene	105		9.786					9
105 sec-Butylbenzene	105		9.951					9
106 1,3-Dichlorobenzene	146		10.058					9
107 4-Isopropyltoluene	119		10.093					9
108 1,4-Dichlorobenzene	146		10.153					9
109 1,2,3-Trimethylbenzene	105		10.197					9
110 n-Butylbenzene	91		10.496					9
111 1,2-Dichlorobenzene	146		10.519					9
112 1,2-Dibromo-3-Chloropropane	157		11.288					
113 1,3,5-Trichlorobenzene	180		11.513					9
114 1,2,4-Trichlorobenzene	180		12.129					9
115 Hexachlorobutadiene	225		12.306					
116 Naphthalene	128	12.365	12.377	-0.012	80	29351	0.1971	
117 1,2,3-Trichlorobenzene	180	12.625	12.626	-0.001	42	12790	0.2424	
118 2-Methylnaphthalene	142	13.678	13.676	0.002	68	18376	0.2314	
S 119 Trihalomethanes, Total	1		0.000					7
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 121 1,3-Dichloropropene, Total	75		6.760					7
S 122 Xylenes, Total	106		16.530					7
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

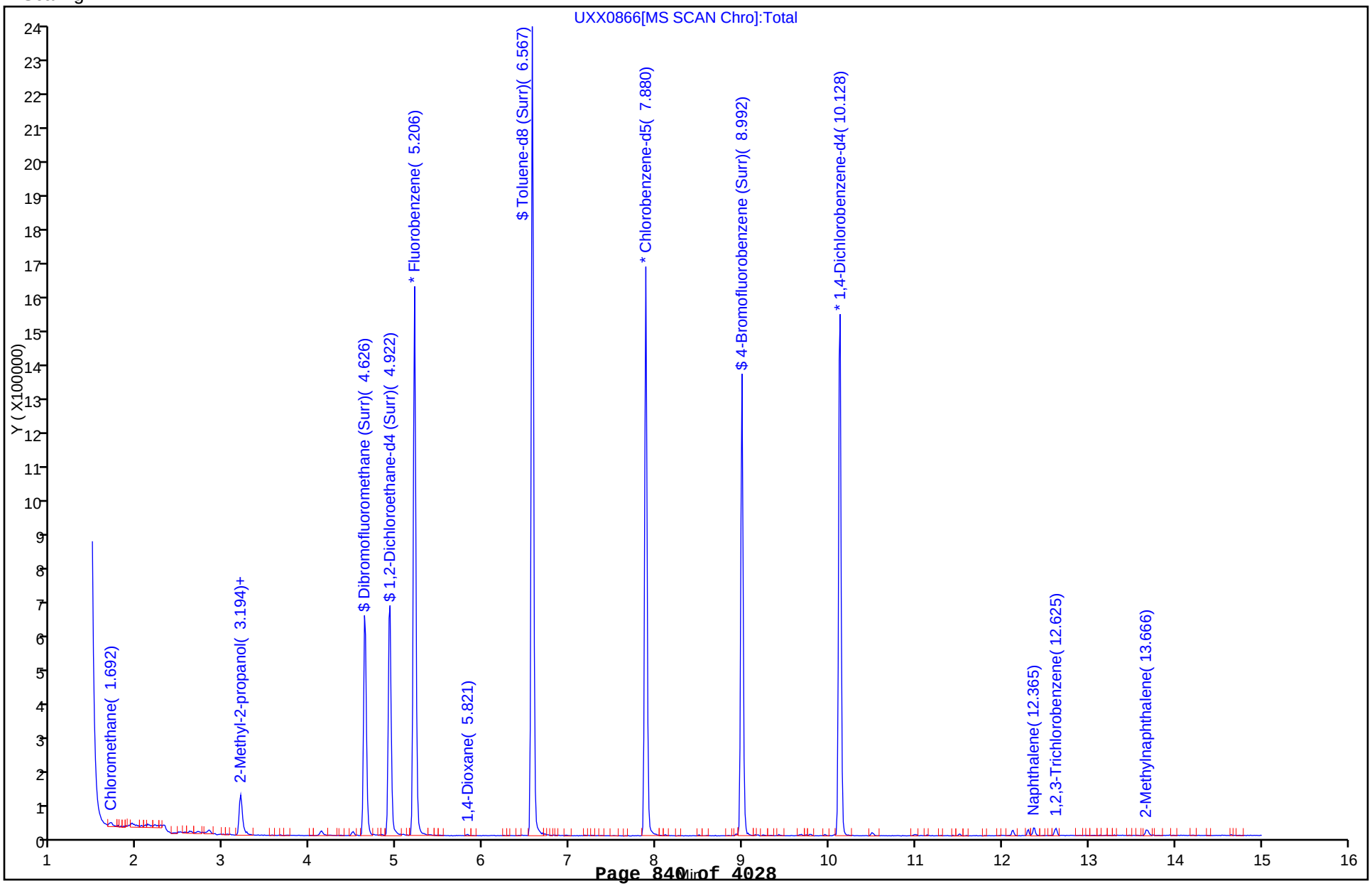
Report Date: 15-Nov-2012 13:50:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0866.D

Injection Date:	13-Nov-2012 12:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



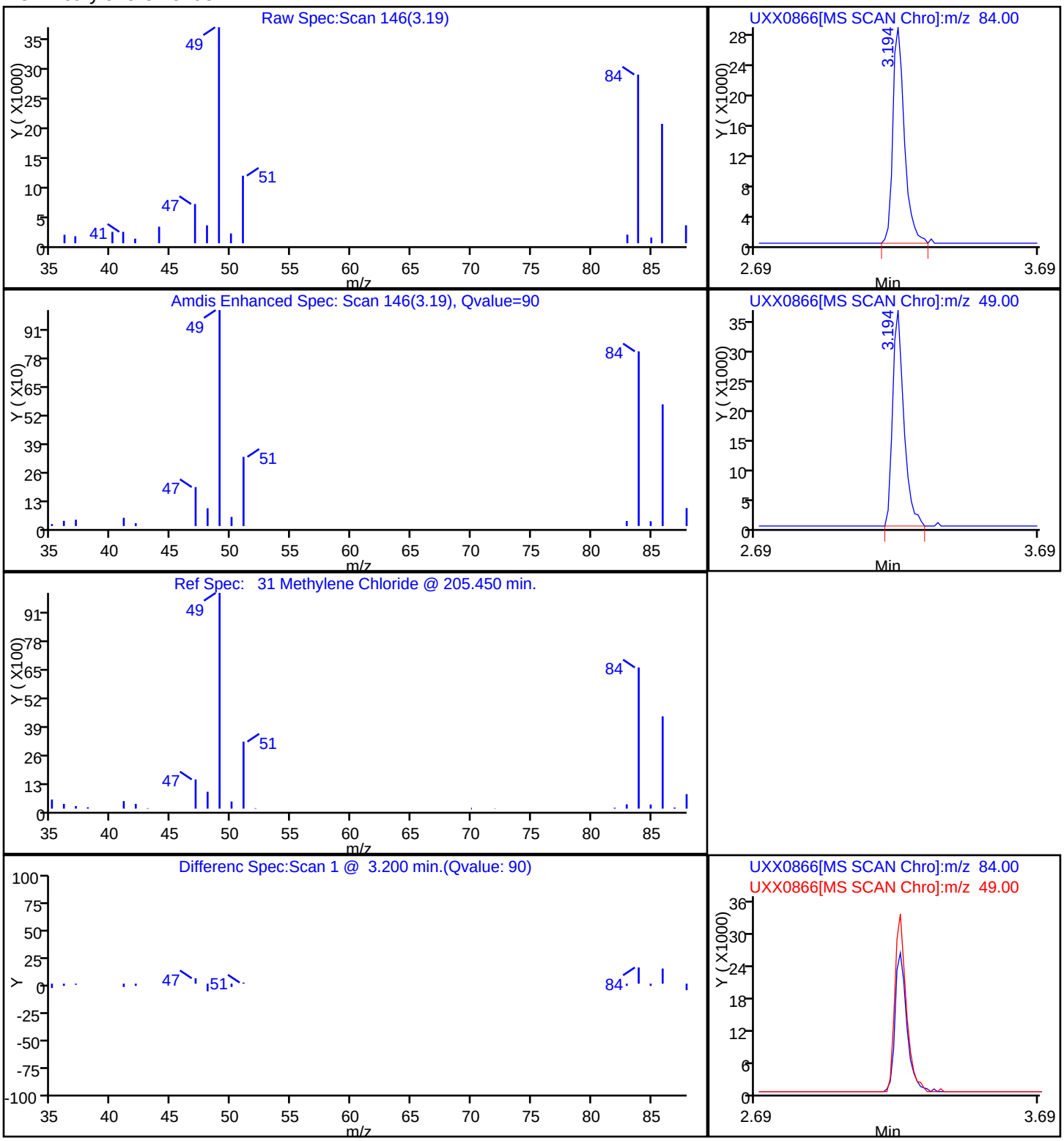
Report Date: 15-Nov-2012 13:50:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0866.D

Injection Date:	13-Nov-2012 12:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

31 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64980/8

Matrix: Solid | Lab File ID: 149143.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
67-64-1	Acetone	6.33	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
591-78-6	2-Hexanone	0.802	J	20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
75-09-2	Methylene Chloride	1.54	J	5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
100-42-5	Styrene	0.50	U	5.0	0.50	0.15
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-64980/8

Matrix: Solid Lab File ID: 149143.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D
Lims ID: MB Client ID:
Inject. Date: 14-Nov-2012 14:23:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0014942-008 =240-0014942-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 64980 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 14:43:17

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1385123	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	758736	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	439705	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	58	301962	41.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	93	369747	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1067346	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	327818	45.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59		2.873					9
25 Methylal	45		2.932					9
20 Acrolein	56		3.027					9
21 1,1-Dichloroethene	96		3.146					9
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.264	3.252	0.012	93	25147	6.33	
24 Iodomethane	142		3.347					9
26 Carbon disulfide	76		3.418					
27 Acetonitrile	41	3.666	3.666	0.0	92	2626	3.04	
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	73	3287	0.5797	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.891	-0.012	88	61378	1.54	
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53	4.317	4.305	0.012	76	1618	0.6040	
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					
35 Hexane	86	4.743	4.743	0.0	94	3990	1.90	
36 1,1-Dichloroethane	63		4.921					
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.713	5.701	0.012	27	6661	0.9550	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					9
48 Tetrahydrofuran	42		5.985					9
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					9
52 1,1-Dichloropropene	75		6.388					9
53 Carbon tetrachloride	117		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.583					
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	62	2672	0.1002	
73 trans-1,3-Dichloropropene	75		8.601					9
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43	8.979	8.979	0.0	69	1953	0.8018	
132 n-Butyl acetate	43		9.086					1
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	10	689	0.1952	
81 1-Chlorohexane	91	9.594	9.594	0.0	13	1623	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	22	841	0.0891	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	88	1926	0.1665	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.162	0.0	65	2288	0.1448	
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	22	2239	2.06	
90 1,1,2,2-Tetrachloroethane	83		10.707					
91 Bromobenzene	156	10.719	10.719	0.0	56	1350	0.1893	
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120		10.801					
95 2-Chlorotoluene	126	10.872	10.884	-0.012	8	888	0.1135	
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126	10.979	10.967	0.012	59	1405	0.1873	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	74	3561	0.2301	
101 4-Isopropyltoluene	119		11.535					9
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	35	5331	0.3323	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91	11.878	11.878	0.0	67	2901	0.1115	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	58	3139	0.2099	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	66	3845	0.3641	
110 Hexachlorobutadiene	225		13.369					9
111 Naphthalene	128	13.440	13.440	0.0	86	11493	0.6343	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	65	4628	0.5269	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	49	3181	0.3048	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1055782	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1332865	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.1665	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

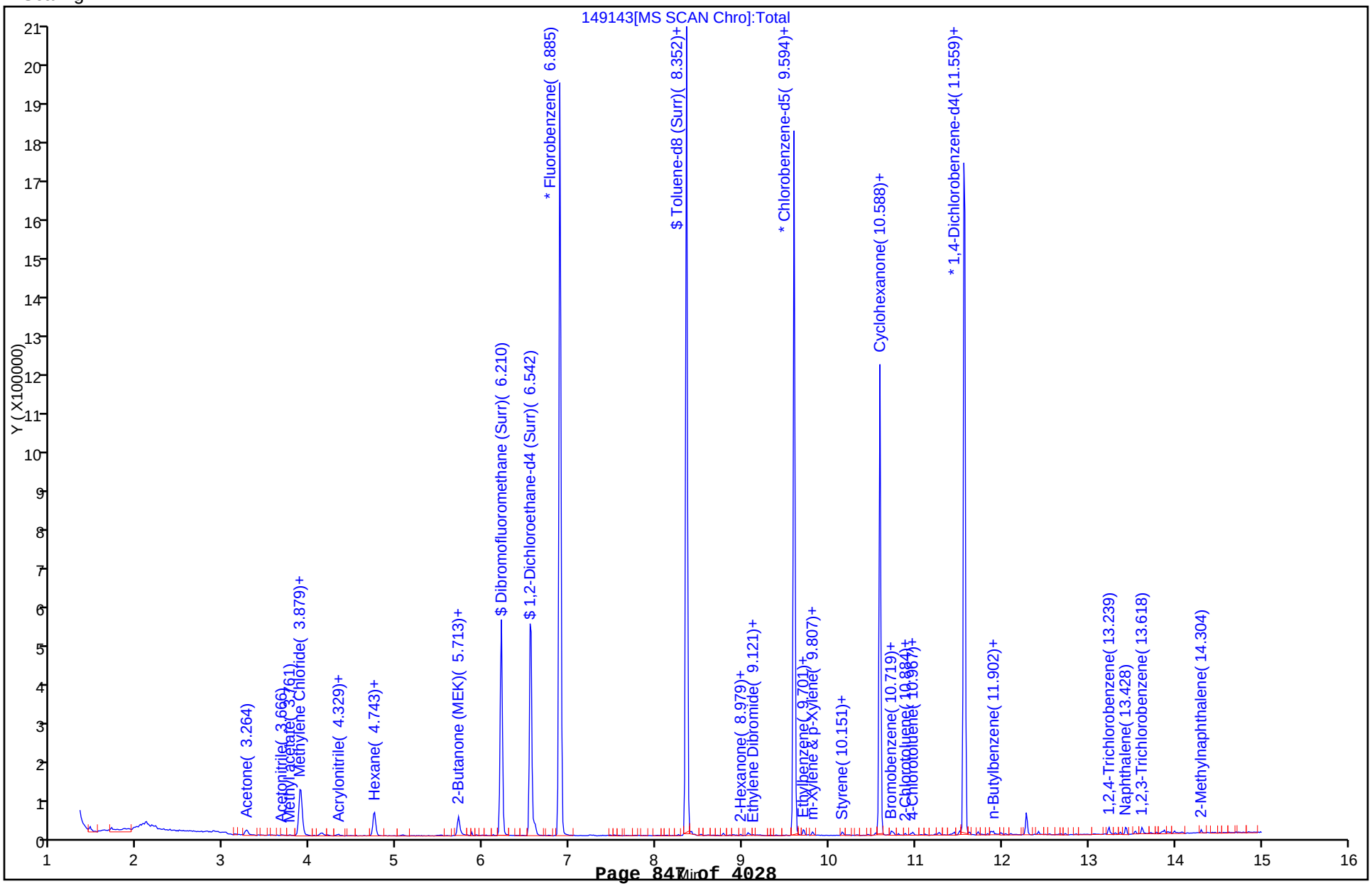
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



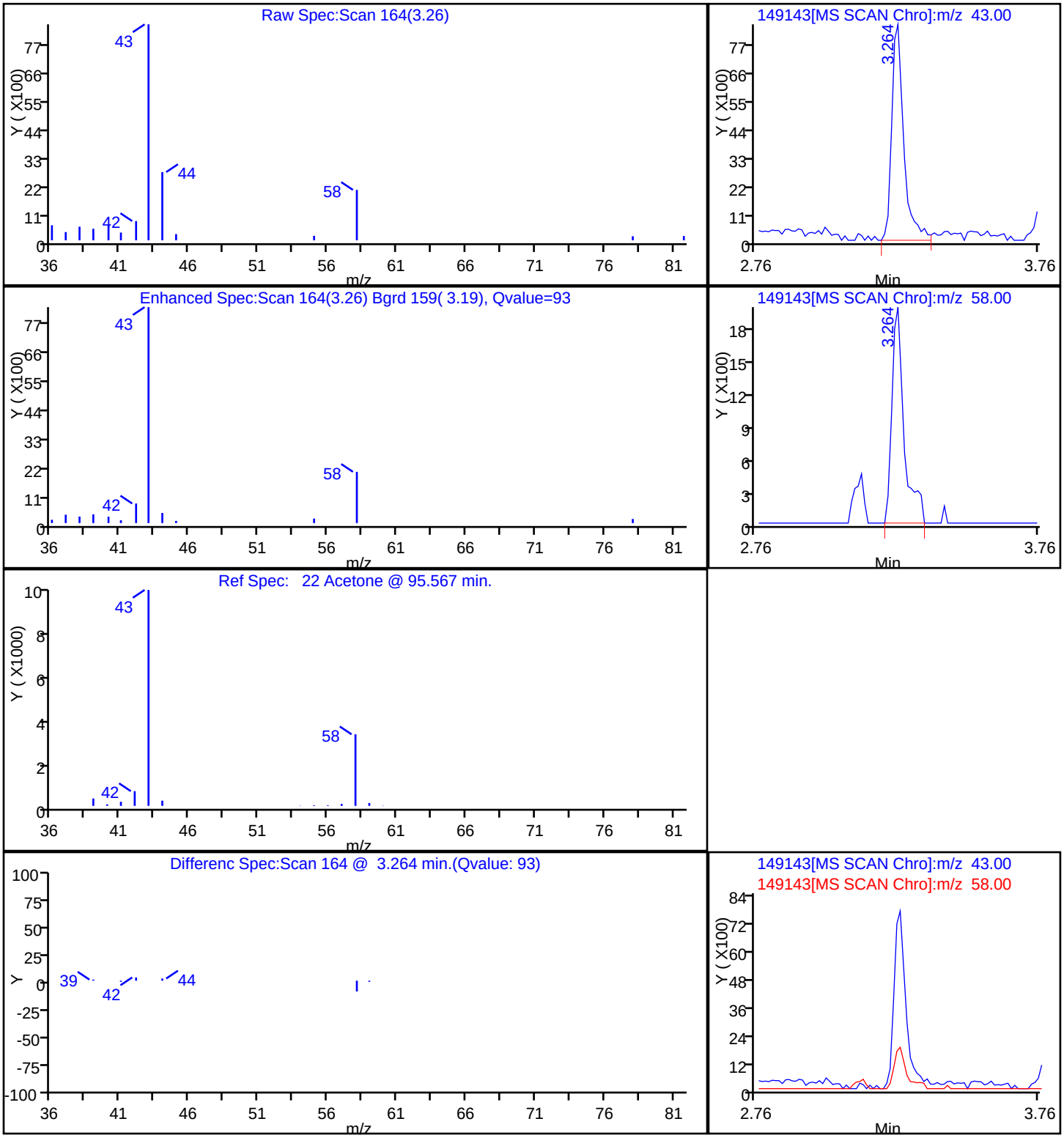
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



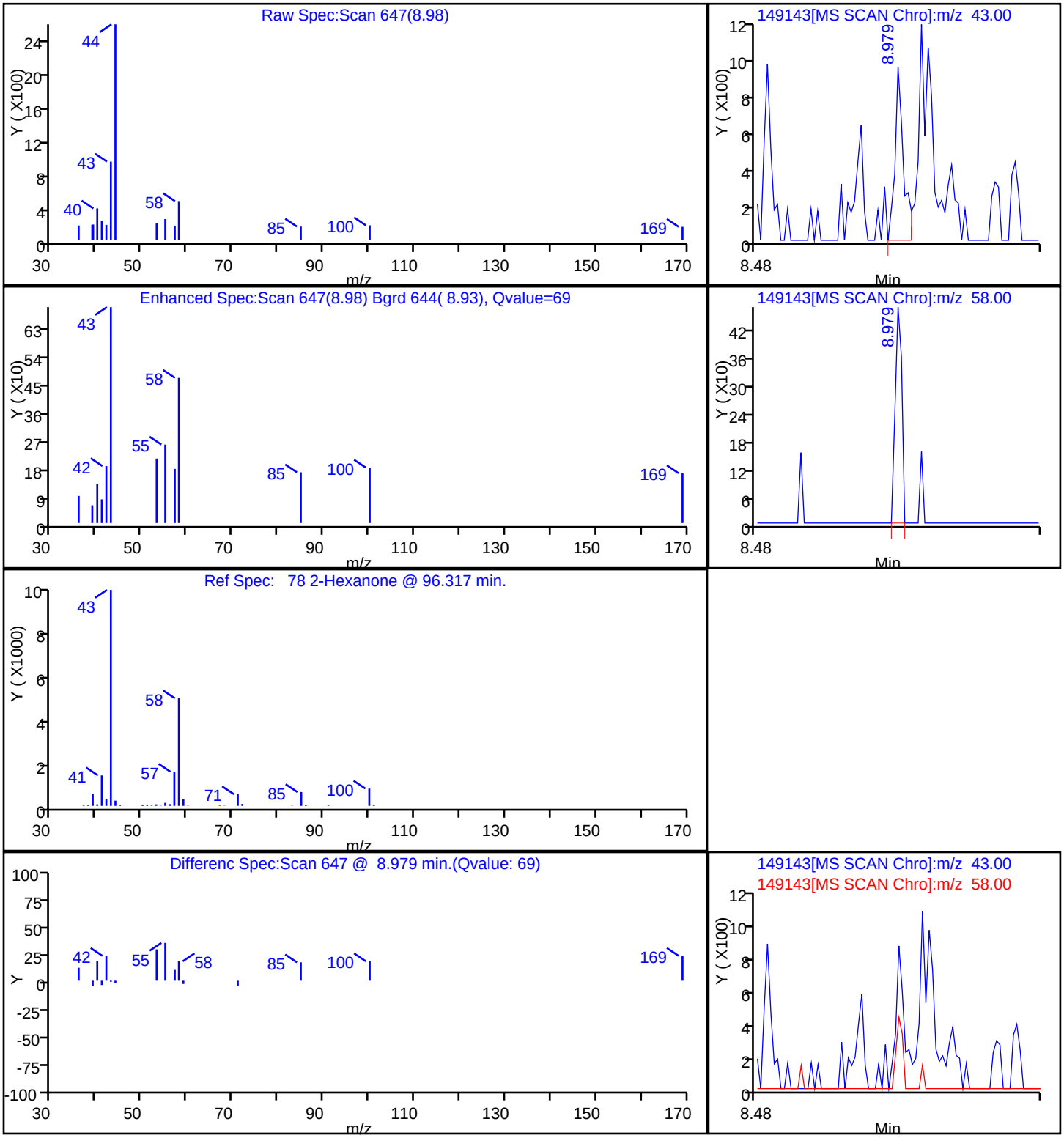
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



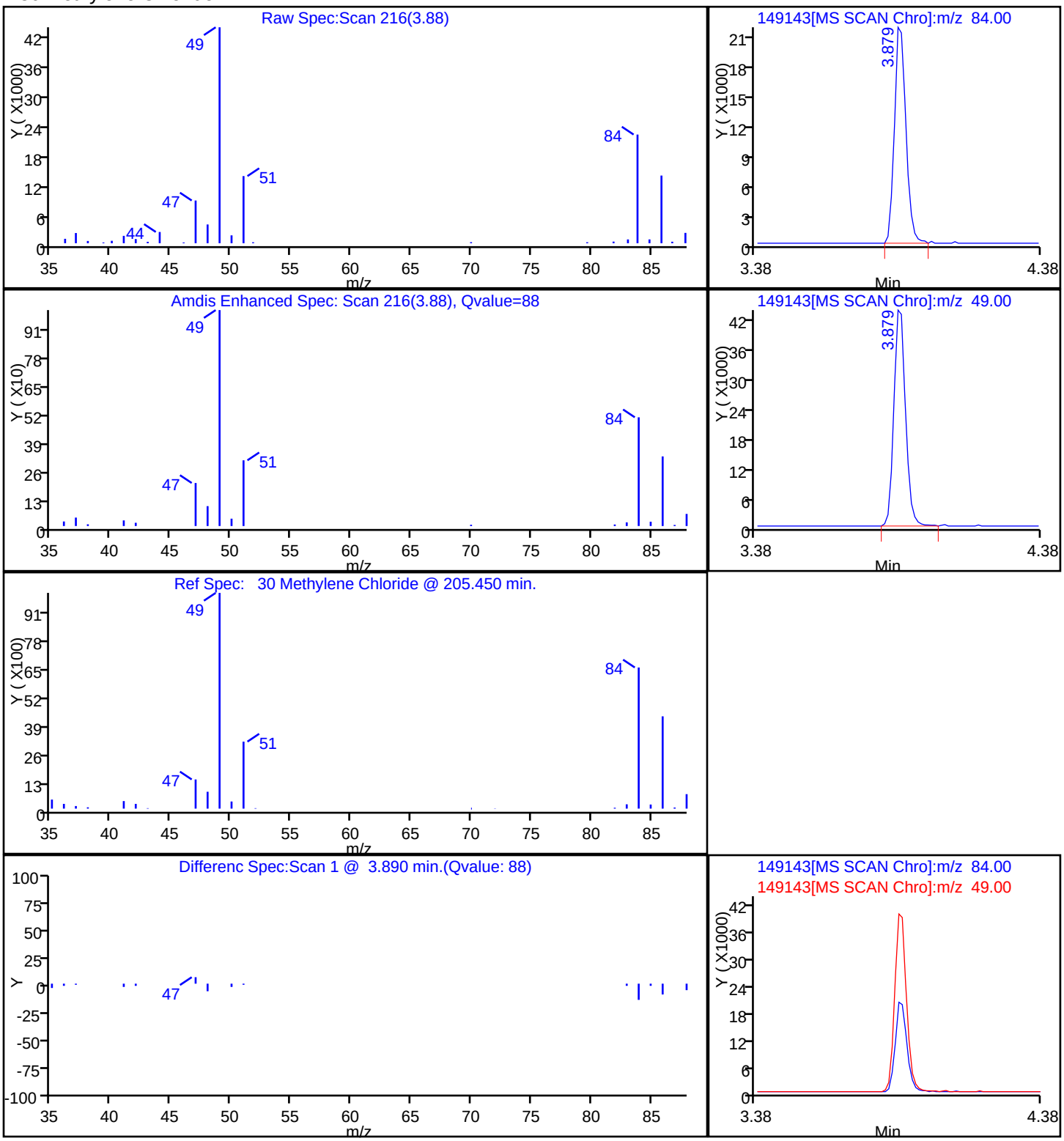
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65171/8

Matrix: Solid Lab File ID: 149176.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 13:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
67-64-1	Acetone	6.41	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
591-78-6	2-Hexanone	1.0	U	20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	0.598	J	20	1.0	0.54
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
100-42-5	Styrene	0.151	J	5.0	0.50	0.15
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65171/8

Matrix: Solid Lab File ID: 149176.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 13:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D
Lims ID: MB Client ID:
Inject. Date: 15-Nov-2012 13:25:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0014986-008 =240-0014986-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 65171 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 13:43:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1456000	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.0	98	834335	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	98	466314	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	317981	41.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	396005	47.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1167940	46.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	373181	48.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					3
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59	2.873	2.873	0.0	94	4974	0.6928	
25 Methylal	45	2.873	2.932	-0.059	65	8340	0	
20 Acrolein	56		3.027					9
21 1,1-Dichloroethene	96		3.146					9
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.252	3.252	0.0	95	26599	6.41	
24 Iodomethane	142		3.347					
26 Carbon disulfide	76		3.418					9
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43		3.761					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.879					
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53	4.305	4.305	0.0	83	1717	0.6098	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					9
35 Hexane	86	4.731	4.743	-0.012	94	1241	0.5609	
36 1,1-Dichloroethane	63		4.921					
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	27	5836	0.5361	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42		5.985					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					
53 Carbon tetrachloride	117		6.388					9
52 1,1-Dichloropropene	75		6.388					9
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56	7.228	7.228	0.0	86	5103	21.2	
60 Trichloroethene	130		7.240					
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	54	3079	0.5983	
72 Toluene	91	8.411	8.411	0.0	52	3148	0.1073	
73 trans-1,3-Dichloropropene	75		8.601					9
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43		8.979					9
132 n-Butyl acetate	43	9.086	9.085	0.001	0	7650	0	
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	39	601	0.1549	
81 1-Chlorohexane	91	9.595	9.594	0.0	14	1595	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	17	787	0.0758	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	70	1972	0.1550	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.162	0.0	63	2627	0.1512	
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	28	3158	2.64	
90 1,1,2,2-Tetrachloroethane	83		10.707					9
91 Bromobenzene	156		10.719					9
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120		10.801					
95 2-Chlorotoluene	126	10.872	10.884	-0.012	18	543	0.0654	7
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126	10.979	10.967	0.012	51	1426	0.1792	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	2	3586	0.2185	
101 4-Isopropyltoluene	119		11.535					9
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	35	4288	0.2521	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91	11.866	11.878	-0.012	72	3014	0.1092	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	63	3483	0.2196	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	62	3885	0.3469	
110 Hexachlorobutadiene	225		13.369					9
111 Naphthalene	128	13.428	13.440	-0.012	88	12281	0.6392	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	73	4291	0.4607	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	20	2928	0.2646	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1399572	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1778799	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.1550	

QC Flag Legend

Processing Flags
3 - Failed RT Window Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

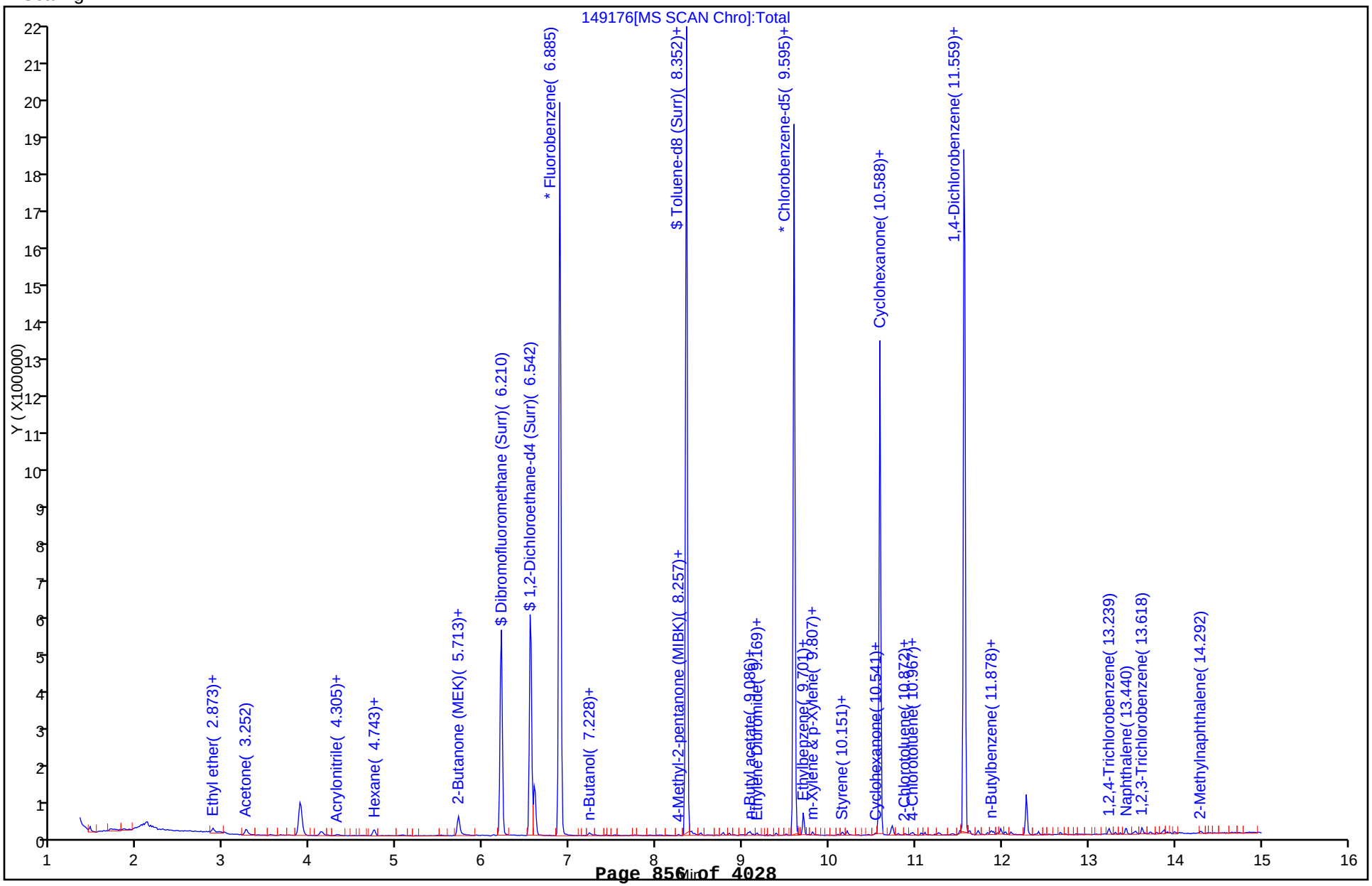
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



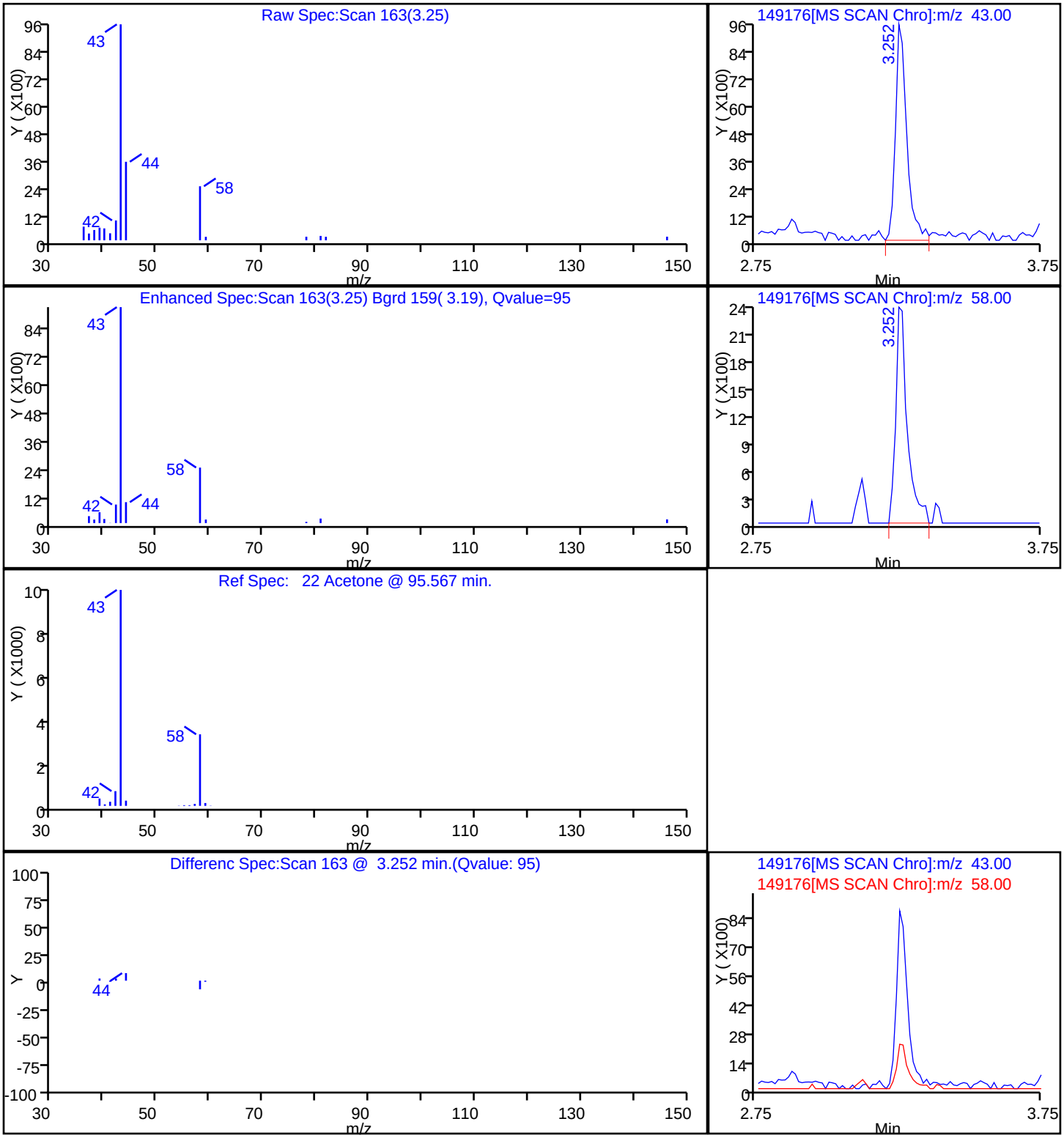
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



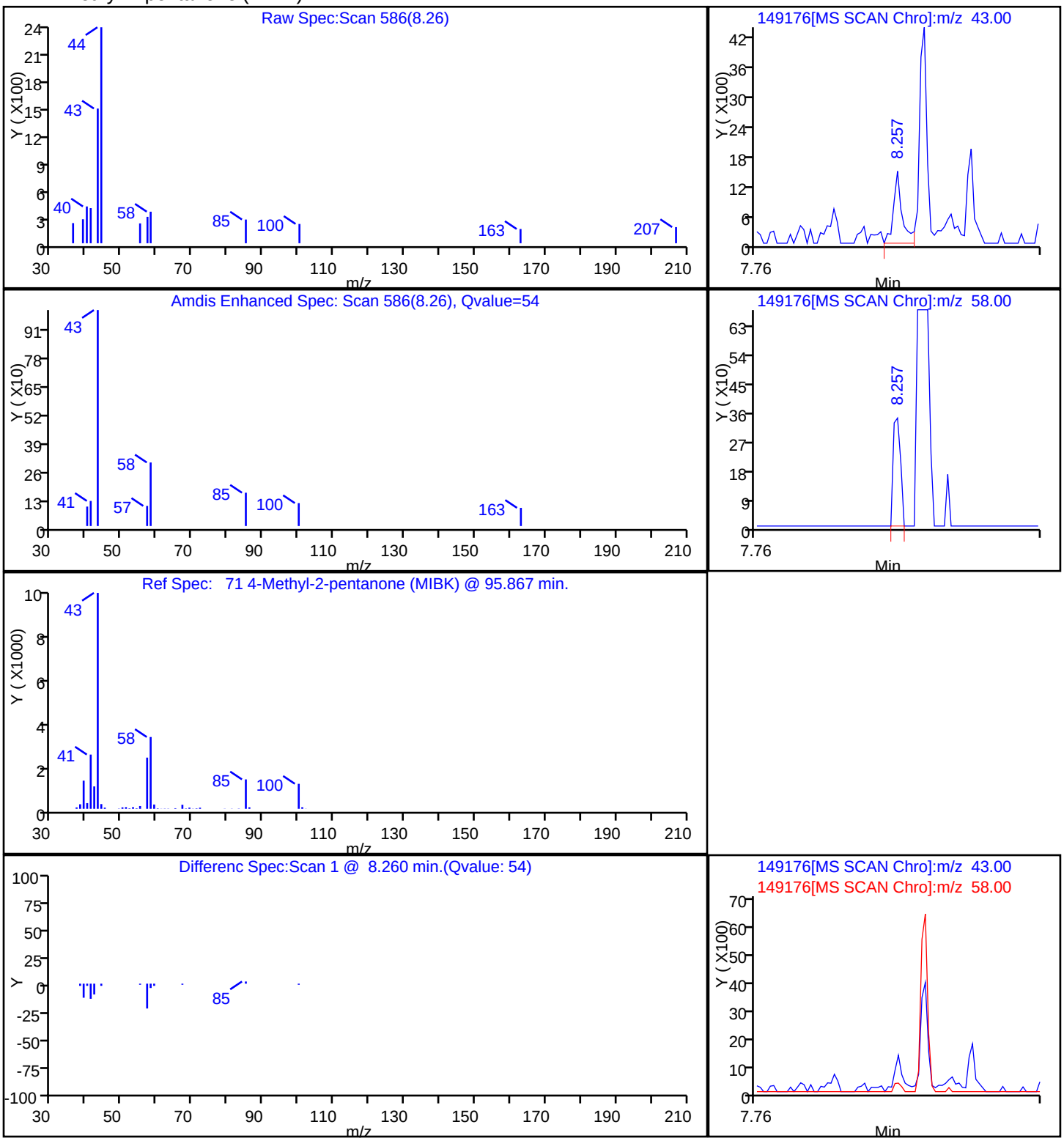
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

71 4-Methyl-2-pentanone (MIBK)



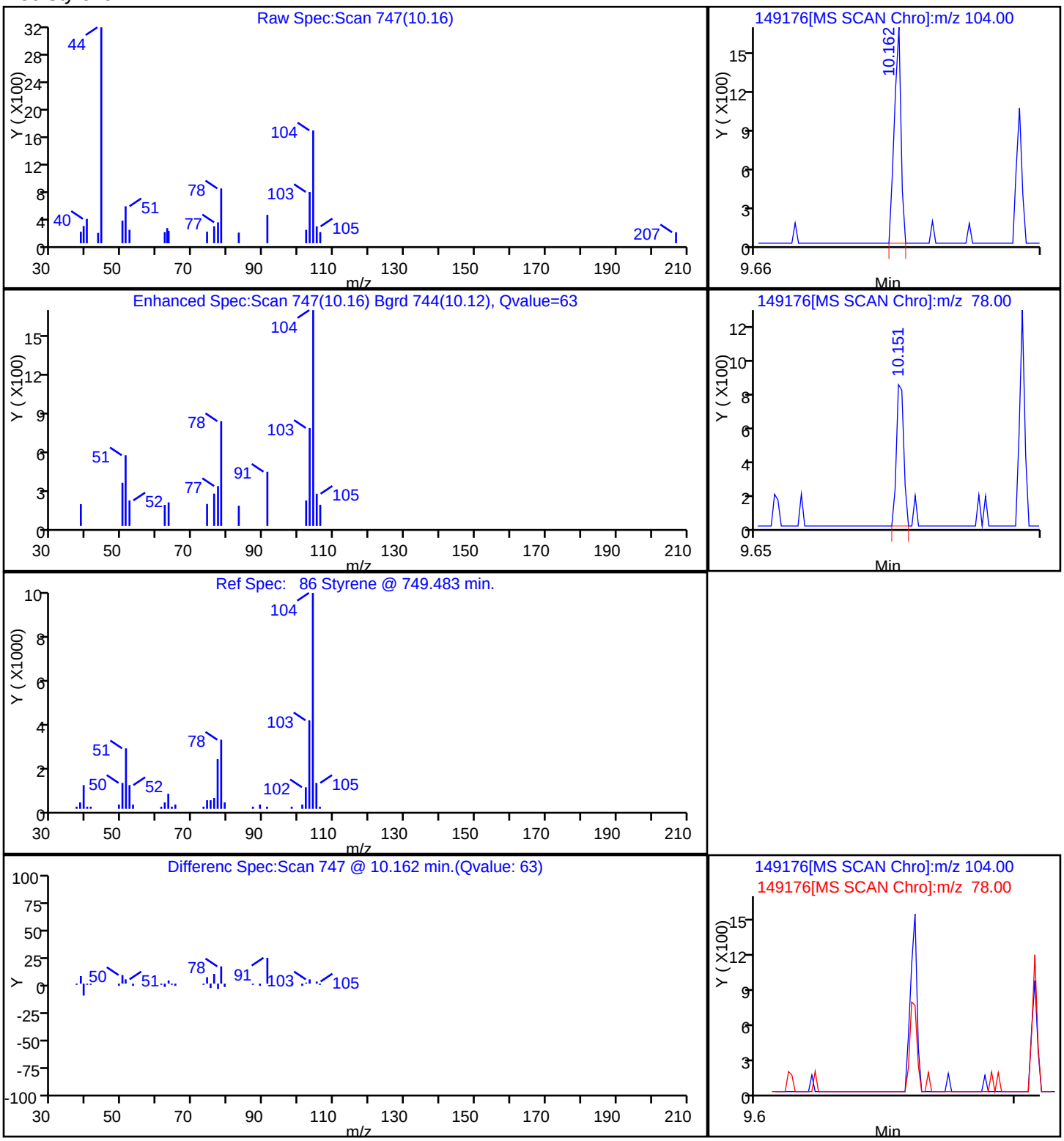
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64831/4

Matrix: Water | Lab File ID: UXX0864.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	19.0		10	0.57	0.57
67-64-1	Acetone	21.4		10	1.1	1.1
71-43-2	Benzene	10.4		1.0	0.25	0.13
74-97-5	Bromochloromethane	10.2		1.0	0.50	0.29
75-27-4	Bromodichloromethane	10.5		1.0	0.25	0.15
75-25-2	Bromoform	9.95		1.0	0.64	0.64
74-83-9	Bromomethane	10.1		1.0	0.50	0.41
106-93-4	1,2-Dibromoethane	10.0		1.0	0.25	0.24
75-15-0	Carbon disulfide	11.0		1.0	0.25	0.13
75-34-3	1,1-Dichloroethane	10.8		1.0	0.25	0.15
56-23-5	Carbon tetrachloride	10.4		1.0	0.25	0.13
107-06-2	1,2-Dichloroethane	10.4		1.0	0.25	0.22
108-90-7	Chlorobenzene	10.1		1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	10.9		1.0	0.25	0.19
75-00-3	Chloroethane	10.5		1.0	0.50	0.29
540-59-0	1,2-Dichloroethene, Total	21.1		2.0	0.50	0.34
67-66-3	Chloroform	10.1		1.0	0.25	0.16
78-87-5	1,2-Dichloropropane	10.4		1.0	0.25	0.18
74-87-3	Chloromethane	9.74		1.0	0.50	0.30
591-78-6	2-Hexanone	20.0		10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	10.1		1.0	0.25	0.14
124-48-1	Dibromochloromethane	10.1		1.0	0.25	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	20.1		10	0.50	0.32
100-41-4	Ethylbenzene	10.4		1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	10.4		1.0	0.25	0.17
75-09-2	Methylene Chloride	11.4		1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	9.64		1.0	0.25	0.18
100-42-5	Styrene	10.7		1.0	0.25	0.11
127-18-4	Tetrachloroethene	9.91		1.0	0.50	0.29
108-88-3	Toluene	10.4		1.0	0.25	0.13
71-55-6	1,1,1-Trichloroethane	10.7		1.0	0.25	0.22
79-00-5	1,1,2-Trichloroethane	10.4		1.0	0.50	0.27
10061-02-6	trans-1,3-Dichloropropene	10.3		1.0	0.25	0.19
79-01-6	Trichloroethene	10.4		1.0	0.25	0.17
75-01-4	Vinyl chloride	10.0		1.0	0.25	0.22
1330-20-7	Xylenes, Total	31.6		2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-64831/4

Matrix: Water Lab File ID: UXX0864.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 12:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-120
460-00-4	4-Bromofluorobenzene (Surr)	106		75-120
1868-53-7	Dibromofluoromethane (Surr)	102		85-115
2037-26-5	Toluene-d8 (Surr)	104		85-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0864.D
Lims ID: LCS Client ID:
Inject. Date: 13-Nov-2012 12:10:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0014902-004
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64831 Lims Sample ID: 4
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 13:07:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.204	0.001	99	1769688	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	84	1198428	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.126	0.001	89	646160	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.627	-0.002	58	492190	10.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.911	0.010	0	597345	10.5	
$ 7 Toluene-d8 (Surr)	98	6.566	6.567	-0.001	92	1964662	10.4	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	90	660389	10.6	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	87	273289	7.75	
13 Chloromethane	50	1.690	1.692	-0.002	99	662724	9.74	
14 Vinyl chloride	62	1.797	1.799	-0.002	82	538166	10.0	
16 Bromomethane	94	2.081	2.083	-0.002	89	254619	10.1	
17 Chloroethane	64	2.176	2.165	0.011	99	273306	10.5	
19 Trichlorofluoromethane	101	2.389	2.390	-0.001	98	404722	10.4	
20 Ethyl ether	59	2.602	2.601	0.001	89	476304	10.7	
21 Acrolein	56	2.696	2.698	-0.002	91	163080	26.0	
23 1,1-Dichloroethene	96	2.815	2.804	0.011	88	473048	10.9	
24 Acetone	43	2.826	2.816	0.010	96	293846	21.4	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.828	-0.002	87	320461	9.77	
26 Iodomethane	142	2.933	2.935	-0.001	96	796881	10.8	
27 Carbon disulfide	76	3.004	3.006	-0.002	99	1509861	11.0	
28 Acetonitrile	41	3.051	3.041	0.010	99	165993	28.2	
30 Methyl acetate	43	3.099	3.100	-0.001	89	508784	12.3	
31 Methylene Chloride	84	3.193	3.195	-0.002	87	695394	11.4	
32 2-Methyl-2-propanol	59	3.264	3.254	0.010	97	682174	190.7	
33 Acrylonitrile	53	3.383	3.384	-0.001	99	622922	30.0	
34 trans-1,2-Dichloroethene	96	3.430	3.431	-0.001	65	564216	10.6	
35 Methyl tert-butyl ether	73	3.430	3.431	-0.001	88	1597631	10.4	
36 Hexane	86	3.667	3.656	0.010	91	74770	8.83	
37 1,1-Dichloroethane	63	3.773	3.763	0.010	96	981420	10.8	
38 Vinyl acetate	86	3.797	3.798	-0.001	96	71921	7.66	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 Isopropyl ether	87	3.820	3.819	0.001	96	522883	10.2	
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	93	441597	19.0	
44 2,2-Dichloropropane	77	4.258	4.248	0.010	89	549955	10.6	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	82	619427	10.5	
48 Chlorobromomethane	128	4.447	4.437	0.010	92	291142	10.2	
49 Tetrahydrofuran	42	4.495	4.485	0.010	89	160402	9.23	
50 Chloroform	83	4.495	4.496	-0.001	83	919745	10.1	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	93	669357	10.7	
52 Cyclohexane	56	4.743	4.745	-0.002	86	635745	8.99	
53 1,1-Dichloropropene	75	4.802	4.804	-0.002	96	642825	10.0	
54 Carbon tetrachloride	117	4.814	4.816	-0.002	83	524118	10.4	
55 Isobutyl alcohol	41	4.850	4.849	0.001	94	800617	505.6	
57 Benzene	78	4.980	4.982	-0.002	94	2311954	10.4	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	45	685293	10.4	
61 Trichloroethene	130	5.524	5.514	0.010	93	569656	10.4	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	90	536853	10.4	
63 Methylcyclohexane	83	5.702	5.703	-0.001	90	484876	8.32	
66 Dibromomethane	93	5.796	5.798	-0.002	89	311730	10.4	
68 Dichlorobromomethane	83	5.927	5.928	-0.001	94	643831	10.5	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	92	287614	9.81	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	763343	10.1	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	95	902172	20.1	
73 Toluene	91	6.625	6.626	-0.001	96	2358367	10.4	
74 trans-1,3-Dichloropropene	75	6.802	6.792	0.010	92	661264	10.3	
76 1,1,2-Trichloroethane	97	6.968	6.969	-0.001	83	476764	10.4	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	90	819768	10.2	
78 Tetrachloroethene	164	7.134	7.135	-0.001	96	404352	9.91	
79 2-Hexanone	43	7.181	7.182	-0.001	96	552491	20.0	
81 Chlorodibromomethane	129	7.335	7.336	-0.001	89	446851	10.1	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	98	443793	10.0	
85 Chlorobenzene	112	7.903	7.904	-0.001	94	1442730	10.1	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	95	505081	10.2	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	739916	10.4	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	99	1878026	20.7	
89 o-Xylene	106	8.494	8.496	-0.002	94	973358	10.9	
90 Styrene	104	8.506	8.508	-0.002	93	1530230	10.7	
91 Bromoform	173	8.684	8.685	-0.001	98	267679	9.95	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	2109737	10.6	
94 Cyclohexanone	55	8.932	8.931	0.001	90	434787	60.9	
95 1,1,2,2-Tetrachloroethane	83	9.110	9.111	-0.001	86	580548	9.64	
96 Bromobenzene	156	9.145	9.147	-0.002	91	588339	9.78	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	72	189923	9.76	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	77	221882	16.9	
99 N-Propylbenzene	120	9.240	9.241	-0.001	98	556548	10.5	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	542740	10.2	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	91	1668230	10.2	
102 4-Chlorotoluene	126	9.429	9.431	-0.002	98	571316	10.0	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	89	1332540	9.91	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	86	1735183	10.2	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	93	1672527	9.76	
106 1,3-Dichlorobenzene	146	10.068	10.058	0.010	97	1051130	9.75	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	93	1474120	10.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.001	94	1107121	9.53	
109 1,2,3-Trimethylbenzene	105	10.198	10.197	0.001	88	1880802	10.6	
110 n-Butylbenzene	91	10.494	10.496	-0.002	98	1106088	9.70	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	98	1033188	9.57	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.288	-0.001	77	86010	8.47	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	92	424256	7.74	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	95	151000	6.74	
116 Naphthalene	128	12.375	12.377	-0.002	100	1115593	6.68	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	98	379445	6.41	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.1	
S 122 Xylenes, Total	106				0		31.7	

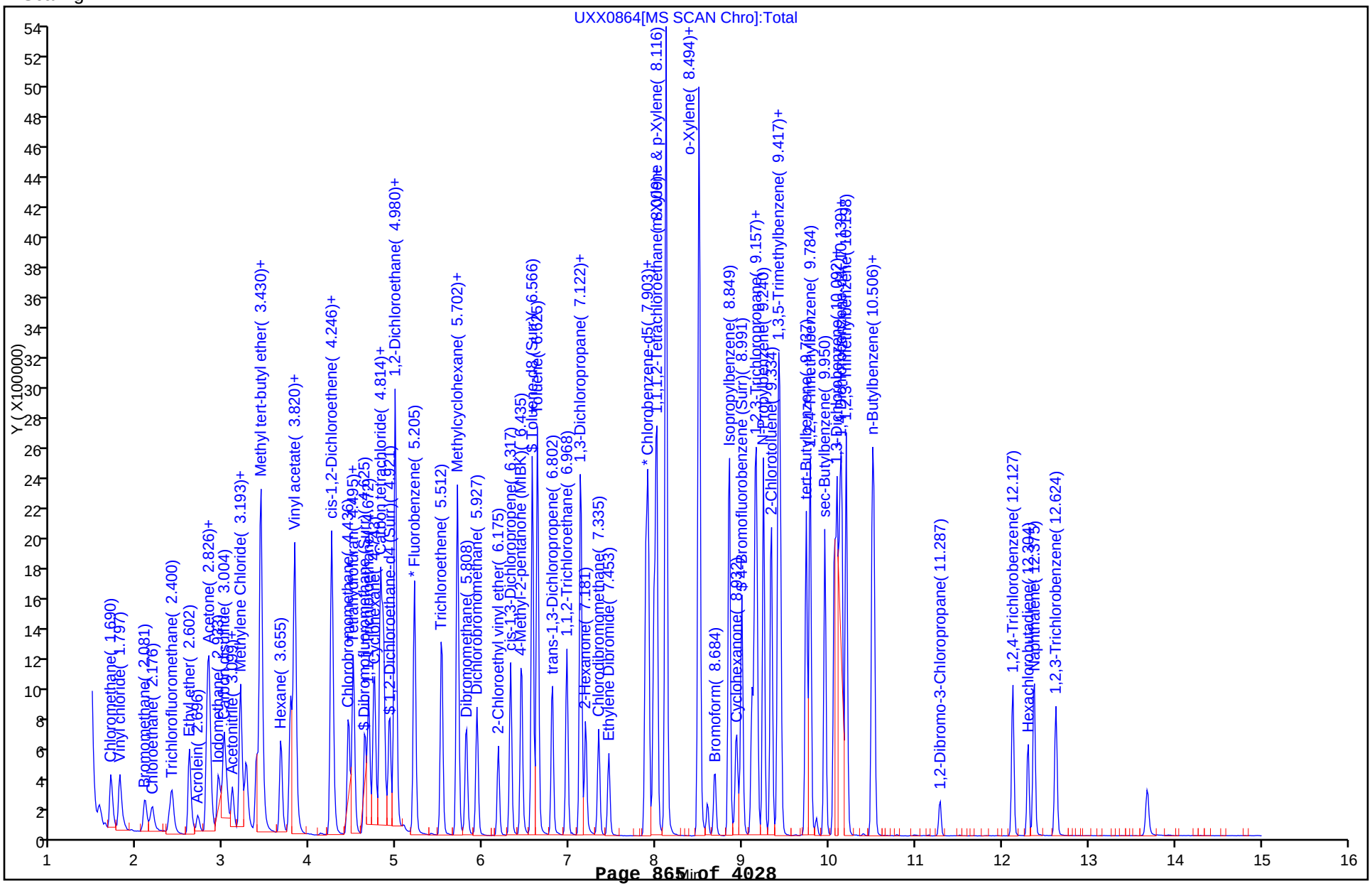
Report Date: 14-Nov-2012 13:08:24 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0864.D

Injection Date:	13-Nov-2012 12:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	4
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64980/7

Matrix: Solid | Lab File ID: 149142.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 14:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	98.9		20	2.0	1.4
67-64-1	Acetone	119		20	6.3	6.3
71-43-2	Benzene	50.5		5.0	0.50	0.23
74-97-5	Bromochloromethane	50.7		5.0	1.0	0.71
75-27-4	Bromodichloromethane	44.6		5.0	0.50	0.28
75-25-2	Bromoform	45.5		5.0	0.50	0.33
74-83-9	Bromomethane	49.8		5.0	1.0	0.54
106-93-4	1,2-Dibromoethane	53.5		5.0	1.0	0.50
75-15-0	Carbon disulfide	42.4		5.0	0.50	0.44
75-34-3	1,1-Dichloroethane	52.4		5.0	0.50	0.36
56-23-5	Carbon tetrachloride	51.1		5.0	0.50	0.37
107-06-2	1,2-Dichloroethane	51.4		5.0	0.50	0.34
108-90-7	Chlorobenzene	48.0		5.0	0.50	0.33
75-35-4	1,1-Dichloroethene	53.0		5.0	1.0	0.52
75-00-3	Chloroethane	51.4		5.0	1.0	0.86
540-59-0	1,2-Dichloroethene, Total	103		10	1.0	0.77
67-66-3	Chloroform	51.1		5.0	0.50	0.29
78-87-5	1,2-Dichloropropane	51.4		5.0	1.0	0.69
74-87-3	Chloromethane	51.7		5.0	0.50	0.41
591-78-6	2-Hexanone	102		20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	45.0		5.0	0.50	0.34
124-48-1	Dibromochloromethane	46.4		5.0	1.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	112		20	1.0	0.54
100-41-4	Ethylbenzene	49.1		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	50.7		5.0	0.50	0.43
75-09-2	Methylene Chloride	55.4		5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	55.4		5.0	0.50	0.34
100-42-5	Styrene	50.2		5.0	0.50	0.15
127-18-4	Tetrachloroethene	50.0		5.0	1.0	0.52
108-88-3	Toluene	50.0		5.0	0.50	0.27
71-55-6	1,1,1-Trichloroethane	55.9		5.0	1.0	0.56
79-00-5	1,1,2-Trichloroethane	53.3		5.0	0.50	0.39
10061-02-6	trans-1,3-Dichloropropene	44.0		5.0	1.0	0.54
79-01-6	Trichloroethene	51.6		5.0	0.50	0.42
75-01-4	Vinyl chloride	50.7		5.0	0.50	0.39
1330-20-7	Xylenes, Total	152		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-64980/7

Matrix: Solid Lab File ID: 149142.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 14:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149142.D
Lims ID: LCS Client ID:
Inject. Date: 14-Nov-2012 14:01:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0014942-007 =240-0014942-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 64980 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 14:24:15

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1212877	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	98	713375	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	399822	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	47	296030	46.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	96	331162	47.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1009803	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	319784	48.3	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	345771	49.6	
13 Chloromethane	50	1.607	1.607	0.0	89	614568	51.7	
14 Vinyl chloride	62	1.737	1.737	0.0	83	472237	50.7	
15 Bromomethane	94	2.069	2.069	0.0	91	150273	49.8	
16 Chloroethane	64	2.187	2.187	0.0	93	275405	51.4	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	481245	54.1	
19 Ethyl ether	59	2.873	2.873	0.0	97	303267	50.7	
20 Acrolein	56	3.027	3.027	0.0	89	103642	125.9	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	84	369603	53.0	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	373802	56.1	
22 Acetone	43	3.252	3.252	0.0	97	214106	118.9	
24 Iodomethane	142	3.347	3.347	0.0	100	648148	52.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	864426	42.4	
27 Acetonitrile	41	3.666	3.666	0.0	97	114465	151.2	
28 Methyl acetate	43	3.761	3.761	0.0	98	250805	50.5	
30 Methylene Chloride	84	3.879	3.891	-0.012	88	424401	55.4	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	342112	974.6	
32 Acrylonitrile	53	4.293	4.305	-0.012	98	353761	150.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	397507	50.8	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	88	802428	50.7	
35 Hexane	86	4.743	4.743	0.0	96	94340	51.2	
36 1,1-Dichloroethane	63	4.921	4.921	0.001	86	786663	52.4	
37 Vinyl acetate	86	5.039	5.039	0.0	96	34837	52.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.074	5.074	0.0	98	299369	48.8	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	292977	58.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	408027	51.8	
41 2-Butanone (MEK)	43	5.702	5.701	0.001	97	233007	98.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	175864	50.7	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	85325	51.0	
49 Chloroform	83	6.033	6.033	0.0	84	642618	51.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	540415	55.9	
51 Cyclohexane	56	6.258	6.258	0.0	95	985953	50.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	499100	51.5	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	493371	51.1	
54 Isobutyl alcohol	41	6.577	6.589	-0.012	92	436534	2479.5	
55 Benzene	78	6.601	6.601	0.0	96	1364151	50.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	498174	51.4	
60 Trichloroethene	130	7.240	7.240	0.0	91	395275	51.6	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	768516	51.6	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	350416	51.4	
65 Dibromomethane	93	7.559	7.559	0.0	89	155454	52.5	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	324136	44.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	94889	50.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	326553	45.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	100	492411	111.9	
72 Toluene	91	8.411	8.411	0.0	91	1253733	50.0	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	91	242883	44.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	181684	53.3	
77 Tetrachloroethene	164	8.885	8.885	0.0	91	285700	50.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	310305	52.1	
78 2-Hexanone	43	8.979	8.979	0.0	98	233874	102.1	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	176073	46.4	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	177451	53.5	
82 Chlorobenzene	112	9.618	9.618	0.0	91	789537	48.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	313145	50.9	
84 Ethylbenzene	106	9.713	9.713	0.0	98	435929	49.1	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	98	1094645	100.6	
85 o-Xylene	106	10.151	10.151	0.0	95	593062	51.1	
86 Styrene	104	10.163	10.162	0.0	95	745792	50.2	
87 Bromoform	173	10.316	10.328	-0.012	95	85524	45.5	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1644571	52.4	
89 Cyclohexanone	55	10.541	10.541	0.0	94	315536	308.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	221124	55.4	
91 Bromobenzene	156	10.719	10.719	0.0	94	320790	49.5	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	69966	52.6	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	127503	94.2	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	424003	54.1	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	369276	51.9	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1360674	54.6	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	337181	49.4	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	1348276	56.3	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1315259	53.6	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	1791309	55.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	681112	48.4	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	91	1606473	56.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	675876	46.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	1325220	55.3	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1250379	52.8	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	657238	48.3	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	73	31742	48.8	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	424325	44.2	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	253422	48.3	
111 Naphthalene	128	13.440	13.440	0.0	97	747343	45.4	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	95	355295	44.5	
S 137 Trihalomethanes, Total	1				0		187.5	
S 11 1,2-Dichloroethene, Total	96				0		102.6	
S 114 Xylenes, Total	106				0		151.7	

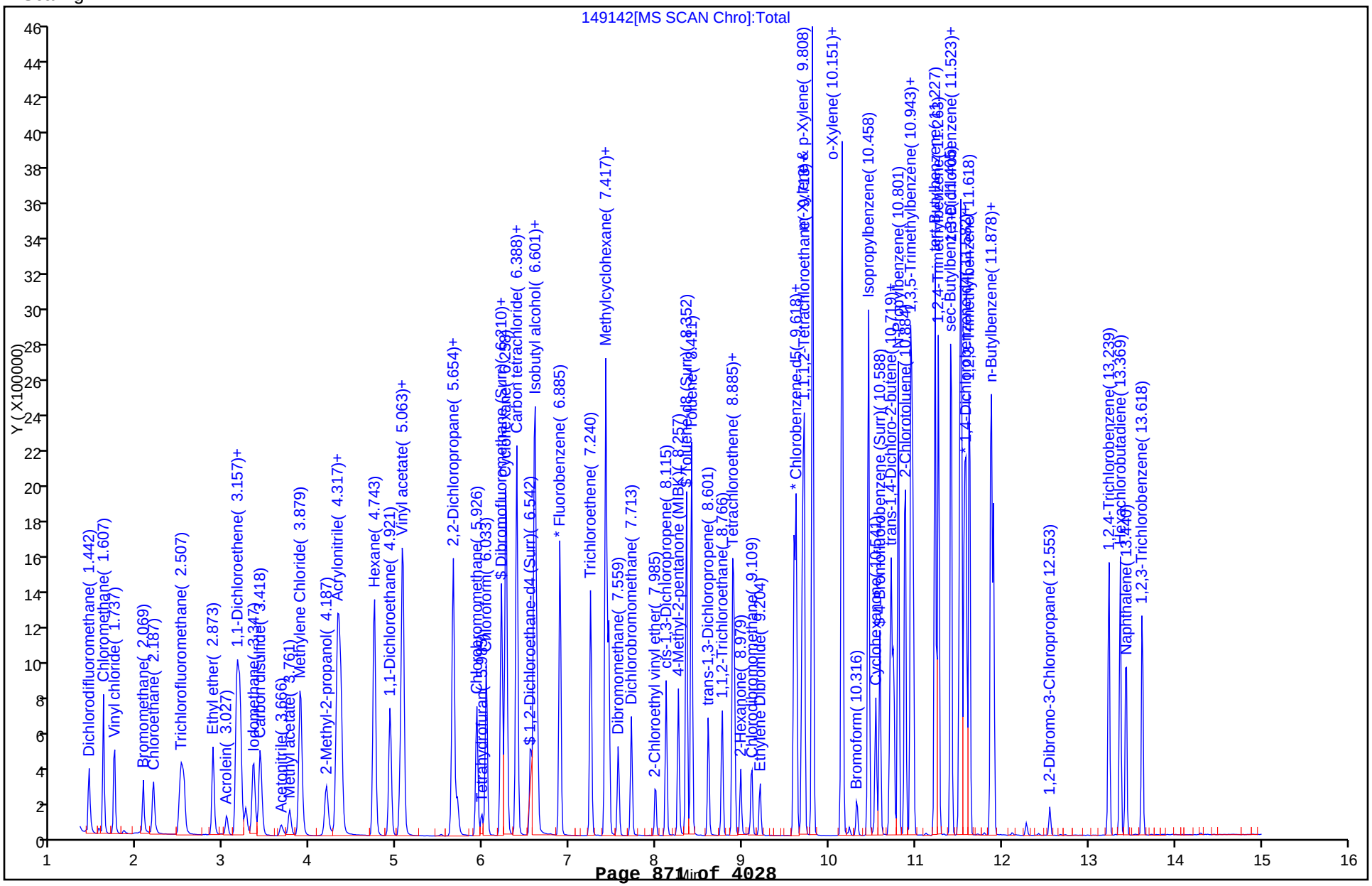
Report Date: 15-Nov-2012 10:40:35 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149142.D

Injection Date:	14-Nov-2012 14:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	7
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65171/7

Matrix: Solid | Lab File ID: 149175.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 13:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	107		20	2.0	1.4
67-64-1	Acetone	116		20	6.3	6.3
71-43-2	Benzene	49.4		5.0	0.50	0.23
74-97-5	Bromochloromethane	49.6		5.0	1.0	0.71
75-27-4	Bromodichloromethane	44.0		5.0	0.50	0.28
75-25-2	Bromoform	44.8		5.0	0.50	0.33
74-83-9	Bromomethane	43.0		5.0	1.0	0.54
106-93-4	1,2-Dibromoethane	53.8		5.0	1.0	0.50
75-15-0	Carbon disulfide	38.9		5.0	0.50	0.44
75-34-3	1,1-Dichloroethane	51.0		5.0	0.50	0.36
56-23-5	Carbon tetrachloride	49.1		5.0	0.50	0.37
107-06-2	1,2-Dichloroethane	50.2		5.0	0.50	0.34
108-90-7	Chlorobenzene	48.4		5.0	0.50	0.33
75-35-4	1,1-Dichloroethene	49.9		5.0	1.0	0.52
75-00-3	Chloroethane	44.2		5.0	1.0	0.86
540-59-0	1,2-Dichloroethene, Total	97.6		10	1.0	0.77
67-66-3	Chloroform	48.8		5.0	0.50	0.29
78-87-5	1,2-Dichloropropane	52.2		5.0	1.0	0.69
74-87-3	Chloromethane	48.2		5.0	0.50	0.41
591-78-6	2-Hexanone	110		20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	46.1		5.0	0.50	0.34
124-48-1	Dibromochloromethane	48.1		5.0	1.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	111		20	1.0	0.54
100-41-4	Ethylbenzene	49.5		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	48.4		5.0	0.50	0.43
75-09-2	Methylene Chloride	49.0		5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	52.8		5.0	0.50	0.34
100-42-5	Styrene	52.1		5.0	0.50	0.15
127-18-4	Tetrachloroethene	50.1		5.0	1.0	0.52
108-88-3	Toluene	49.1		5.0	0.50	0.27
71-55-6	1,1,1-Trichloroethane	52.5		5.0	1.0	0.56
79-00-5	1,1,2-Trichloroethane	53.1		5.0	0.50	0.39
10061-02-6	trans-1,3-Dichloropropene	45.0		5.0	1.0	0.54
79-01-6	Trichloroethene	50.5		5.0	0.50	0.42
75-01-4	Vinyl chloride	47.1		5.0	0.50	0.39
1330-20-7	Xylenes, Total	149		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65171/7

Matrix: Solid Lab File ID: 149175.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138
2037-26-5	Toluene-d8 (Surr)	97		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149175.D
Lims ID: LCS Client ID:
Inject. Date: 15-Nov-2012 13:03:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0014986-007 =240-0014986-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 65171 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 13:27:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1527929	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	912135	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	499171	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	87	375633	46.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	97	410370	47.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1319029	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	423517	51.2	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	381067	43.4	
13 Chloromethane	50	1.607	1.607	0.0	89	721721	48.2	
14 Vinyl chloride	62	1.737	1.737	0.0	84	553001	47.1	
15 Bromomethane	94	2.069	2.069	0.0	90	163740	43.0	
16 Chloroethane	64	2.187	2.187	0.0	93	298141	44.2	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	540687	48.3	
19 Ethyl ether	59	2.873	2.873	0.0	98	380641	50.5	
20 Acrolein	56	3.039	3.027	0.012	90	122188	117.8	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	85	438344	49.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	435452	51.9	
22 Acetone	43	3.252	3.252	0.0	97	264280	116.4	
24 Iodomethane	142	3.347	3.347	0.0	99	752770	48.1	
26 Carbon disulfide	76	3.418	3.418	0.0	98	997216	38.9	
27 Acetonitrile	41	3.666	3.666	0.0	99	134041	140.6	
28 Methyl acetate	43	3.761	3.761	0.0	98	329044	52.6	
30 Methylene Chloride	84	3.891	3.879	0.012	89	479761	49.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	423335	957.3	
32 Acrylonitrile	53	4.305	4.305	0.0	94	431144	145.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	479046	48.6	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	966239	48.4	
35 Hexane	86	4.743	4.743	0.0	96	117385	50.6	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	964200	51.0	
37 Vinyl acetate	86	5.039	5.039	0.0	96	39707	47.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.074	5.074	0.0	98	363181	47.0	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	335640	52.8	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	486518	49.0	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	317420	107.1	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	216617	49.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	111348	52.9	
49 Chloroform	83	6.033	6.033	0.0	84	772396	48.8	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	639299	52.5	
51 Cyclohexane	56	6.258	6.258	0.0	95	1180378	47.8	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	596666	49.1	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	617190	50.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	582130	2624.7	
55 Benzene	78	6.601	6.601	0.0	97	1679361	49.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	612826	50.2	
60 Trichloroethene	130	7.240	7.240	0.0	91	487266	50.5	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	930238	49.6	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	448213	52.2	
65 Dibromomethane	93	7.559	7.559	0.0	89	190770	51.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	402984	44.0	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	131593	55.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	422507	46.1	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	625800	111.2	
72 Toluene	91	8.411	8.411	0.0	91	1573865	49.1	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	317604	45.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	231416	53.1	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	366175	50.1	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	393422	51.7	
78 2-Hexanone	43	8.979	8.979	0.0	98	320858	109.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	234020	48.1	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	228378	53.8	
82 Chlorobenzene	112	9.618	9.618	0.0	92	1019192	48.4	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	387047	49.2	
84 Ethylbenzene	106	9.713	9.713	0.0	98	562086	49.5	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	1396646	100.4	
85 o-Xylene	106	10.151	10.151	0.0	95	729738	49.2	
86 Styrene	104	10.162	10.162	0.0	94	990197	52.1	
87 Bromoform	173	10.328	10.328	0.0	97	107492	44.8	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2006631	50.0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	453535	346.3	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	80	263115	52.8	
91 Bromobenzene	156	10.719	10.719	0.0	93	407451	50.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	72	87126	52.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	163056	96.5	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	542751	55.4	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	466622	52.5	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1645280	52.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	433221	50.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	1579041	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1589469	51.9	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2135683	52.8	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	835097	47.5	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	92	1955106	55.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	824042	45.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	1568213	52.4	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1521405	51.5	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	781995	46.1	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	72	36874	45.6	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	489674	40.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	288288	44.0	
111 Naphthalene	128	13.440	13.440	0.0	97	855772	41.6	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	397976	39.9	
S 137 Trihalomethanes, Total	1				0		185.6	
S 11 1,2-Dichloroethene, Total	96				0		97.6	
S 114 Xylenes, Total	106				0		149.6	

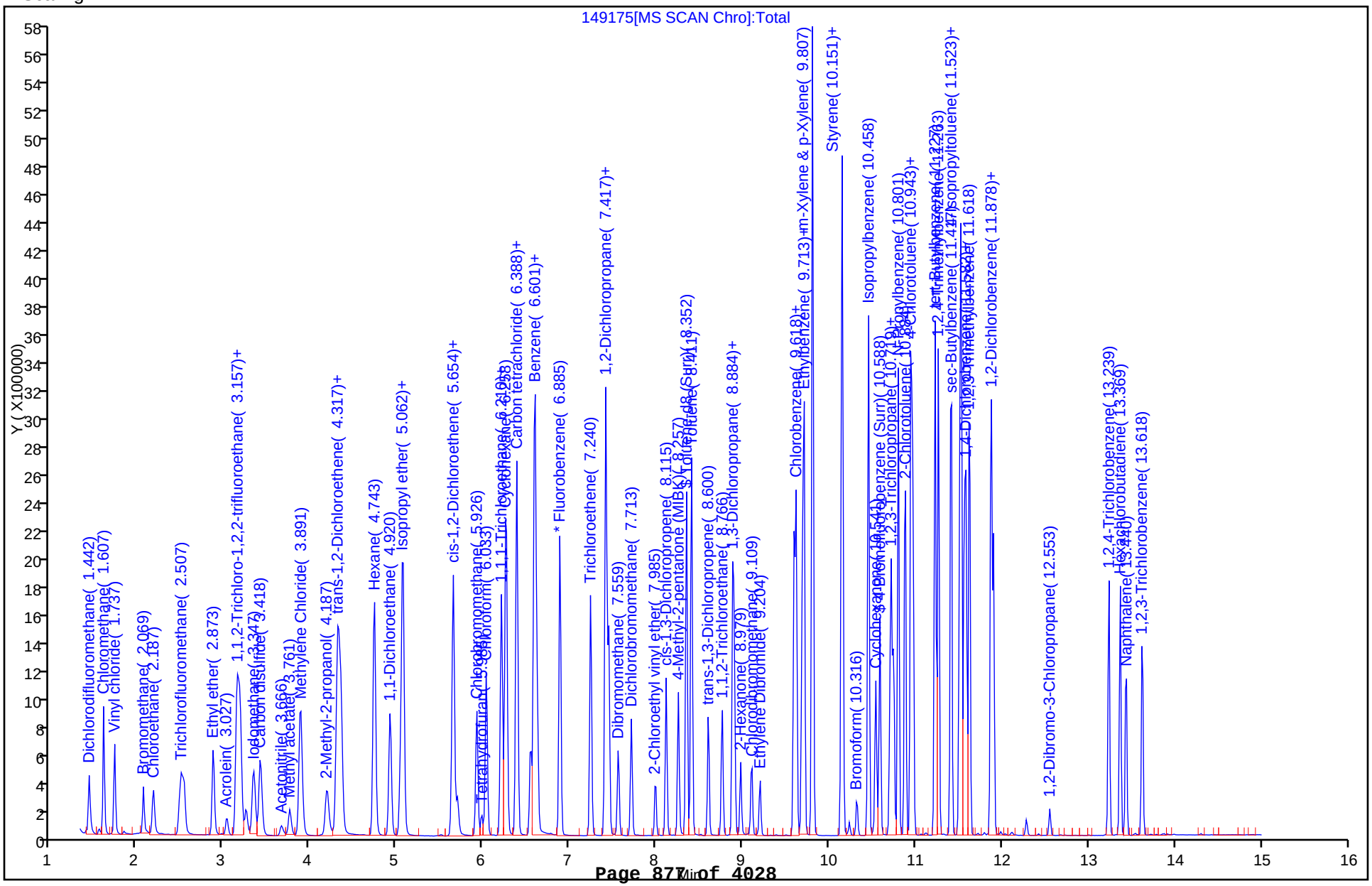
Report Date: 16-Nov-2012 09:58:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149175.D

Injection Date:	15-Nov-2012 13:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	7
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64831/5

Matrix: Water | Lab File ID: UXX0865.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00880	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00924	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00113		0.0010	0.00025	0.00013
74-97-5	Bromochloromethane	0.00103		0.0010	0.00050	0.00029
75-27-4	Bromodichloromethane	0.00103		0.0010	0.00025	0.00015
75-25-2	Bromoform	0.000918	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00135	^	0.0010	0.00050	0.00041
106-93-4	1,2-Dibromoethane	0.00106		0.0010	0.00025	0.00024
75-15-0	Carbon disulfide	0.00101		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00109		0.0010	0.00025	0.00015
56-23-5	Carbon tetrachloride	0.00106		0.0010	0.00025	0.00013
107-06-2	1,2-Dichloroethane	0.00113		0.0010	0.00025	0.00022
108-90-7	Chlorobenzene	0.00111		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00102		0.0010	0.00025	0.00019
75-00-3	Chloroethane	0.00143	^	0.0010	0.00050	0.00029
540-59-0	1,2-Dichloroethene, Total	0.00217		0.0020	0.00050	0.00034
67-66-3	Chloroform	0.00108		0.0010	0.00025	0.00016
78-87-5	1,2-Dichloropropane	0.00102		0.0010	0.00025	0.00018
74-87-3	Chloromethane	0.00135	^	0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00941	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.000883	J	0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.000963	J	0.0010	0.00025	0.00018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00913	J	0.010	0.00050	0.00032
100-41-4	Ethylbenzene	0.00104		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00106		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00251	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00115		0.0010	0.00025	0.00018
100-42-5	Styrene	0.000944	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00105		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00110		0.0010	0.00025	0.00013
71-55-6	1,1,1-Trichloroethane	0.00112		0.0010	0.00025	0.00022
79-00-5	1,1,2-Trichloroethane	0.00107		0.0010	0.00050	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.000895	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00105		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00123		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.00292		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64831/5

Matrix: Water Lab File ID: UXX0865.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-150
460-00-4	4-Bromofluorobenzene (Surr)	99		50-150
1868-53-7	Dibromofluoromethane (Surr)	100		50-150
2037-26-5	Toluene-d8 (Surr)	104		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0865.D
Lims ID: MRL Client ID:
Inject. Date: 13-Nov-2012 12:33:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0014902-005
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64831 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

First Level Reviewer: quayler Date: 13-Nov-2012 13:12:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1759380	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1181717	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.0	92	617475	10.0	
$ 4 BFB	95	3.441	3.699	-0.258	0	2336	0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.627	-0.003	67	479870	9.96	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.911	0.009	0	558910	9.87	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	93	1941574	10.4	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	91	611370	9.94	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	73	41262	1.18	
13 Chloromethane	50	1.690	1.692	-0.002	96	91380	1.35	
14 Vinyl chloride	62	1.796	1.799	-0.003	91	65820	1.23	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.080	2.083	-0.003	85	33869	1.35	
17 Chloroethane	64	2.175	2.165	0.010	76	36963	1.43	
18 Dichlorofluoromethane	67		2.328					
19 Trichlorofluoromethane	101	2.400	2.390	0.010	72	45734	1.18	
20 Ethyl ether	59		2.601					
21 Acrolein	56	2.695	2.698	-0.003	95	68925	11.1	
23 1,1-Dichloroethene	96	2.814	2.804	0.010	82	43831	1.02	
24 Acetone	43	2.826	2.816	0.010	98	139225	9.24	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.828	-0.002	36	32092	0.9843	
22 Methylal	45		2.851					
26 Iodomethane	142	2.932	2.935	-0.002	94	84247	1.15	
27 Carbon disulfide	76	3.003	3.006	-0.003	97	138091	1.01	
28 Acetonitrile	41	3.050	3.041	0.009	99	54196	7.18	
29 3-Chloro-1-propene	76		3.098					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methyl acetate	43	3.098	3.100	-0.002	94	99091	2.41	
31 Methylene Chloride	84	3.192	3.195	-0.003	84	152668	2.51	
32 2-Methyl-2-propanol	59	3.252	3.254	-0.002	96	79746	22.4	
33 Acrylonitrile	53	3.382	3.384	-0.002	93	43322	2.10	
34 trans-1,2-Dichloroethene	96	3.429	3.431	-0.002	65	58089	1.10	
35 Methyl tert-butyl ether	73	3.429	3.431	-0.002	88	161713	1.06	
36 Hexane	86	3.654	3.656	-0.002	88	7804	0.9273	
37 1,1-Dichloroethane	63	3.772	3.763	0.009	74	97968	1.09	
38 Vinyl acetate	86	3.796	3.798	-0.002	96	9018	0.9666	
39 Isopropyl ether	87		3.819					9
40 2-Chloro-1,3-butadiene	53		3.855					
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	99	203405	8.80	
44 2,2-Dichloropropane	77	4.257	4.248	0.009	84	55614	1.08	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	69	62643	1.07	
45 Propionitrile	54		4.281					
46 Ethyl acetate	43	4.234	4.281	-0.047	82	203405	4.44	
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128	4.435	4.437	-0.002	86	29420	1.03	
49 Tetrahydrofuran	42	4.494	4.485	0.009	30	22849	0.8109	
50 Chloroform	83	4.494	4.496	-0.002	80	97978	1.08	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	69586	1.12	
52 Cyclohexane	56	4.742	4.745	-0.003	88	73488	1.05	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	89	69609	1.09	
54 Carbon tetrachloride	117	4.825	4.816	0.009	83	53173	1.06	
55 Isobutyl alcohol	41	4.849	4.849	0.0	58	16411	10.5	
57 Benzene	78	4.979	4.982	-0.003	93	249942	1.13	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	51	73587	1.13	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.192					
60 n-Butanol	56		5.405					
61 Trichloroethene	130	5.523	5.514	0.009	92	57525	1.05	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.701	5.703	-0.002	80	52624	1.02	
63 Methylcyclohexane	83	5.701	5.703	-0.002	83	59548	1.03	
65 Methyl methacrylate	41		5.772					9
66 Dibromomethane	93	5.807	5.798	0.009	89	32270	1.08	
67 1,4-Dioxane	88	5.807	5.810	-0.003	36	14484	34.4	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	93	62760	1.03	
69 2-Nitropropane	41		6.115					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	83	50251	1.72	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	77	66533	0.8834	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	96	407469	9.13	
73 Toluene	91	6.624	6.626	-0.002	94	245587	1.10	
74 trans-1,3-Dichloropropene	75	6.801	6.792	0.009	85	56491	0.8949	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	83	50088	0.8636	
76 1,1,2-Trichloroethane	97	6.967	6.969	-0.002	86	48359	1.07	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	90	83160	1.05	
78 Tetrachloroethene	164	7.133	7.135	-0.002	82	42146	1.05	
79 2-Hexanone	43	7.180	7.182	-0.002	96	256652	9.41	
80 n-Butyl acetate	56		7.298					
81 Chlorodibromomethane	129	7.334	7.336	-0.002	71	42210	0.9635	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.452	7.455	-0.003	86	46577	1.06	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.902	7.904	-0.002	94	156764	1.11	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	82	50289	1.03	
87 Ethylbenzene	106	8.008	8.011	-0.003	96	73403	1.04	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	176661	1.98	
89 o-Xylene	106	8.493	8.496	-0.003	92	82545	0.9415	
90 Styrene	104	8.505	8.508	-0.003	92	132782	0.9437	
91 Bromoform	173	8.683	8.685	-0.002	80	24335	0.9176	
92 Isopropylbenzene	105	8.848	8.851	-0.003	93	191600	0.9726	
94 Cyclohexanone	55	8.931	8.931	0.0	83	32612	4.78	
93 1,4-Dichlorobutane	55		8.931					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	88	66313	1.15	
96 Bromobenzene	156	9.144	9.147	-0.003	89	62643	1.09	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	63	21054	1.13	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	63	10752	1.34	
99 N-Propylbenzene	120	9.239	9.241	-0.002	97	54037	1.06	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	94	55426	1.09	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	159811	1.02	
102 4-Chlorotoluene	126	9.440	9.431	0.009	91	57688	1.06	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	86	131910	1.03	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	72	165343	1.02	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	87	173856	1.06	
106 1,3-Dichlorobenzene	146	10.067	10.058	0.009	94	122844	1.19	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	91	138687	1.01	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.002	91	128498	1.16	
109 1,2,3-Trimethylbenzene	105		10.197					9
110 n-Butylbenzene	91	10.493	10.496	-0.003	92	123765	1.14	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	94	127074	1.23	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.288	-0.002	38	11640	1.20	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	87	56238	0.9786	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	88	79950	1.53	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	87	36918	1.36	
116 Naphthalene	128	12.375	12.377	-0.002	100	220953	1.38	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	96566	1.71	
118 2-Methylnaphthalene	142	13.676	13.676	0.0	89	68281	0.8020	
S 119 Trihalomethanes, Total	1				0		3.99	
S 120 1,2-Dichloroethene, Total	96				0		2.17	
S 121 1,3-Dichloropropene, Total	75				0		1.78	
S 122 Xylenes, Total	106				0		2.92	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

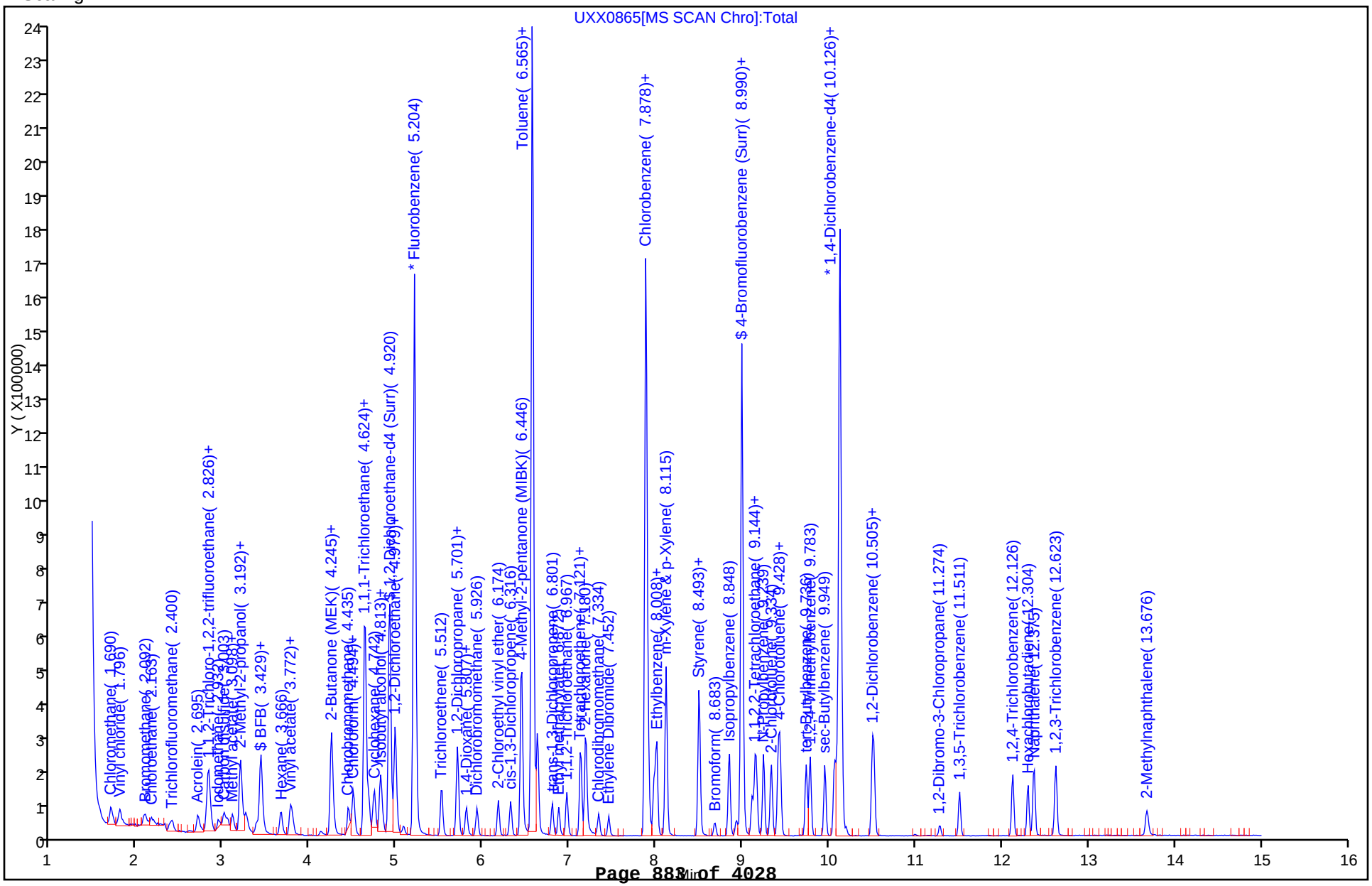
Report Date: 15-Nov-2012 13:50:55 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0865.D

Injection Date:	13-Nov-2012 12:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	5
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64831/12

Matrix: Water | Lab File ID: UXX0872.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 15:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00916	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00985	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00104		0.0010	0.00025	0.00013
74-97-5	Bromochloromethane	0.00109		0.0010	0.00050	0.00029
75-27-4	Bromodichloromethane	0.000934	J	0.0010	0.00025	0.00015
75-25-2	Bromoform	0.000769	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00115		0.0010	0.00050	0.00041
106-93-4	1,2-Dibromoethane	0.000932	J	0.0010	0.00025	0.00024
75-15-0	Carbon disulfide	0.000973	J	0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00105		0.0010	0.00025	0.00015
56-23-5	Carbon tetrachloride	0.00103		0.0010	0.00025	0.00013
107-06-2	1,2-Dichloroethane	0.00105		0.0010	0.00025	0.00022
108-90-7	Chlorobenzene	0.000988	J	0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00106		0.0010	0.00025	0.00019
75-00-3	Chloroethane	0.00116		0.0010	0.00050	0.00029
540-59-0	1,2-Dichloroethene, Total	0.00206		0.0020	0.00050	0.00034
67-66-3	Chloroform	0.00107		0.0010	0.00025	0.00016
78-87-5	1,2-Dichloropropane	0.00100		0.0010	0.00025	0.00018
74-87-3	Chloromethane	0.00124		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00917	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.000883	J	0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.000853	J	0.0010	0.00025	0.00018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00922	J	0.010	0.00050	0.00032
100-41-4	Ethylbenzene	0.000902	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000996	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00273	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00103		0.0010	0.00025	0.00018
100-42-5	Styrene	0.000771	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00103		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00108		0.0010	0.00025	0.00013
71-55-6	1,1,1-Trichloroethane	0.00104		0.0010	0.00025	0.00022
79-00-5	1,1,2-Trichloroethane	0.00110		0.0010	0.00050	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.000855	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00102		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00116		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.00260		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64831/12

Matrix: Water Lab File ID: UXX0872.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 15:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		50-150
460-00-4	4-Bromofluorobenzene (Surr)	97		50-150
1868-53-7	Dibromofluoromethane (Surr)	104		50-150
2037-26-5	Toluene-d8 (Surr)	109		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0872.D
Lims ID: MRL Client ID:
Inject. Date: 13-Nov-2012 15:27:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0014902-012
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 64831 Lims Sample ID: 12
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

First Level Reviewer: quayler Date: 13-Nov-2012 15:52:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	99	1651119	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.878	0.002	85	1086824	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.128	10.126	0.002	92	561675	10.0	
$ 4 BFB	95	3.431	3.699	-0.268	0	2126	0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.627	-0.001	59	469098	10.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.911	0.011	0	550389	10.4	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1857671	10.9	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	90	549884	9.72	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	73	39566	1.20	
13 Chloromethane	50	1.692	1.692	0.0	99	78586	1.24	
14 Vinyl chloride	62	1.798	1.799	-0.001	83	58164	1.16	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.082	2.083	-0.001	75	26912	1.15	
17 Chloroethane	64	2.165	2.165	0.0	69	28104	1.16	
18 Dichlorofluoromethane	67		2.328					
19 Trichlorofluoromethane	101	2.390	2.390	0.0	76	40278	1.10	
20 Ethyl ether	59		2.601					9
21 Acrolein	56	2.697	2.698	-0.001	88	69263	11.8	
23 1,1-Dichloroethene	96	2.804	2.804	0.0	81	42800	1.06	
24 Acetone	43	2.828	2.816	0.012	100	137910	9.85	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.828	2.828	0.0	39	34446	1.13	
22 Methylal	45		2.851					
26 Iodomethane	142	2.934	2.935	0.0	95	68875	1.00	
27 Carbon disulfide	76	3.005	3.006	-0.001	97	124736	0.9735	
28 Acetonitrile	41	3.052	3.041	0.011	98	57284	8.47	
29 3-Chloro-1-propene	76		3.098					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methyl acetate	43	3.100	3.100	0.0	92	93285	2.42	
31 Methylene Chloride	84	3.194	3.195	-0.001	87	155692	2.73	
32 2-Methyl-2-propanol	59	3.254	3.254	0.0	94	60099	18.0	
33 Acrylonitrile	53	3.372	3.384	-0.012	98	41793	2.16	
34 trans-1,2-Dichloroethene	96	3.431	3.431	0.0	64	50420	1.02	
35 Methyl tert-butyl ether	73	3.431	3.431	0.0	87	143230	1.00	
36 Hexane	86	3.656	3.656	0.0	85	6879	0.8710	
37 1,1-Dichloroethane	63	3.774	3.763	0.011	77	88216	1.05	
38 Vinyl acetate	86	3.810	3.798	0.012	95	8303	0.9483	
39 Isopropyl ether	87		3.819					
40 2-Chloro-1,3-butadiene	53		3.855					
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43	4.236	4.236	0.0	100	198721	9.16	
44 2,2-Dichloropropane	77	4.259	4.248	0.011	88	44460	0.9202	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	67	57122	1.04	
45 Propionitrile	54		4.281					
46 Ethyl acetate	43	4.236	4.281	-0.045	83	198721	4.62	
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128	4.437	4.437	0.0	77	29116	1.09	
49 Tetrahydrofuran	42	4.496	4.485	0.011	29	19225	0.6723	
50 Chloroform	83	4.496	4.496	0.0	82	90620	1.07	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	85	60341	1.04	
52 Cyclohexane	56	4.733	4.745	-0.012	85	63487	0.9622	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	89	58570	0.9803	
54 Carbon tetrachloride	117	4.816	4.816	0.0	76	48453	1.03	
55 Isobutyl alcohol	41		4.849					9
57 Benzene	78	4.981	4.982	-0.001	93	215709	1.04	
56 1,2-Dichloroethane	62	4.981	4.982	-0.001	45	63995	1.05	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.192					
60 n-Butanol	56		5.405					
61 Trichloroethene	130	5.514	5.514	0.0	92	52305	1.02	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.703	5.703	0.0	82	48303	1.00	
63 Methylcyclohexane	83	5.703	5.703	0.0	80	48286	0.8878	
65 Methyl methacrylate	41		5.772					9
66 Dibromomethane	93	5.798	5.798	0.0	83	28178	1.01	
67 1,4-Dioxane	88	5.810	5.810	0.0	20	9451	27.6	
68 Dichlorobromomethane	83	5.928	5.928	0.0	91	53469	0.9338	
69 2-Nitropropane	41		6.115					9
70 2-Chloroethyl vinyl ether	63	6.176	6.177	-0.001	86	45607	1.67	
71 cis-1,3-Dichloropropene	75	6.318	6.319	-0.001	81	62388	0.8826	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	386012	9.22	
73 Toluene	91	6.626	6.626	0.0	83	222057	1.08	
74 trans-1,3-Dichloropropene	75	6.803	6.792	0.011	83	49616	0.8546	
75 Ethyl methacrylate	69	6.874	6.875	-0.001	84	40535	0.7599	
76 1,1,2-Trichloroethane	97	6.969	6.969	0.0	82	45495	1.10	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	87	73267	1.00	
78 Tetrachloroethene	164	7.135	7.135	0.0	89	38030	1.03	
79 2-Hexanone	43	7.182	7.182	0.0	97	229984	9.17	
80 n-Butyl acetate	56		7.298					9
81 Chlorodibromomethane	129	7.336	7.336	0.0	75	34366	0.8529	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.454	7.455	-0.001	89	37540	0.9324	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.904	7.904	0.0	91	128062	0.9876	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	82	43433	0.9654	
87 Ethylbenzene	106	8.010	8.011	-0.001	96	58477	0.9021	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	143593	1.75	
89 o-Xylene	106	8.496	8.496	0.0	90	68760	0.8527	
90 Styrene	104	8.507	8.508	-0.001	90	99707	0.7705	
91 Bromoform	173	8.685	8.685	0.0	85	18749	0.7687	
92 Isopropylbenzene	105	8.851	8.851	0.0	90	152134	0.8397	
94 Cyclohexanone	55		8.931					9
93 1,4-Dichlorobutane	55		8.931					9
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	81	53914	1.03	
96 Bromobenzene	156	9.146	9.147	-0.001	88	51100	0.9773	
97 1,2,3-Trichloropropane	110	9.158	9.159	-0.001	63	16630	0.9830	
98 trans-1,4-Dichloro-2-butene	53	9.158	9.170	-0.012	55	8127	1.20	
99 N-Propylbenzene	120	9.241	9.241	0.0	95	41509	0.8984	
100 2-Chlorotoluene	126	9.336	9.336	0.0	95	42090	0.9065	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	90	117474	0.8250	
102 4-Chlorotoluene	126	9.430	9.431	-0.001	96	40888	0.8264	
103 tert-Butylbenzene	119	9.738	9.738	0.0	78	95773	0.8192	
104 1,2,4-Trimethylbenzene	105	9.785	9.786	-0.001	88	119304	0.8103	
105 sec-Butylbenzene	105	9.951	9.951	0.0	84	122016	0.8191	
106 1,3-Dichlorobenzene	146	10.057	10.058	-0.001	92	90382	0.9643	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	92	97280	0.7770	
108 1,4-Dichlorobenzene	146	10.152	10.153	0.0	84	96538	0.9559	
109 1,2,3-Trimethylbenzene	105		10.197					9
110 n-Butylbenzene	91	10.495	10.496	-0.001	93	81235	0.8196	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	95	94242	1.00	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.288	0.0	19	6574	0.7445	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	89	45210	0.8648	
114 1,2,4-Trichlorobenzene	180	12.128	12.129	-0.001	73	35417	0.7434	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	61	16148	0.4689	
116 Naphthalene	128	12.377	12.377	0.0	100	69571	0.4791	
117 1,2,3-Trichlorobenzene	180	12.625	12.626	-0.001	86	31073	0.6039	
118 2-Methylnaphthalene	142		13.676					
S 119 Trihalomethanes, Total	1				0		3.62	
S 120 1,2-Dichloroethene, Total	96				0		2.06	
S 121 1,3-Dichloropropene, Total	75				0		1.74	
S 122 Xylenes, Total	106				0		2.60	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

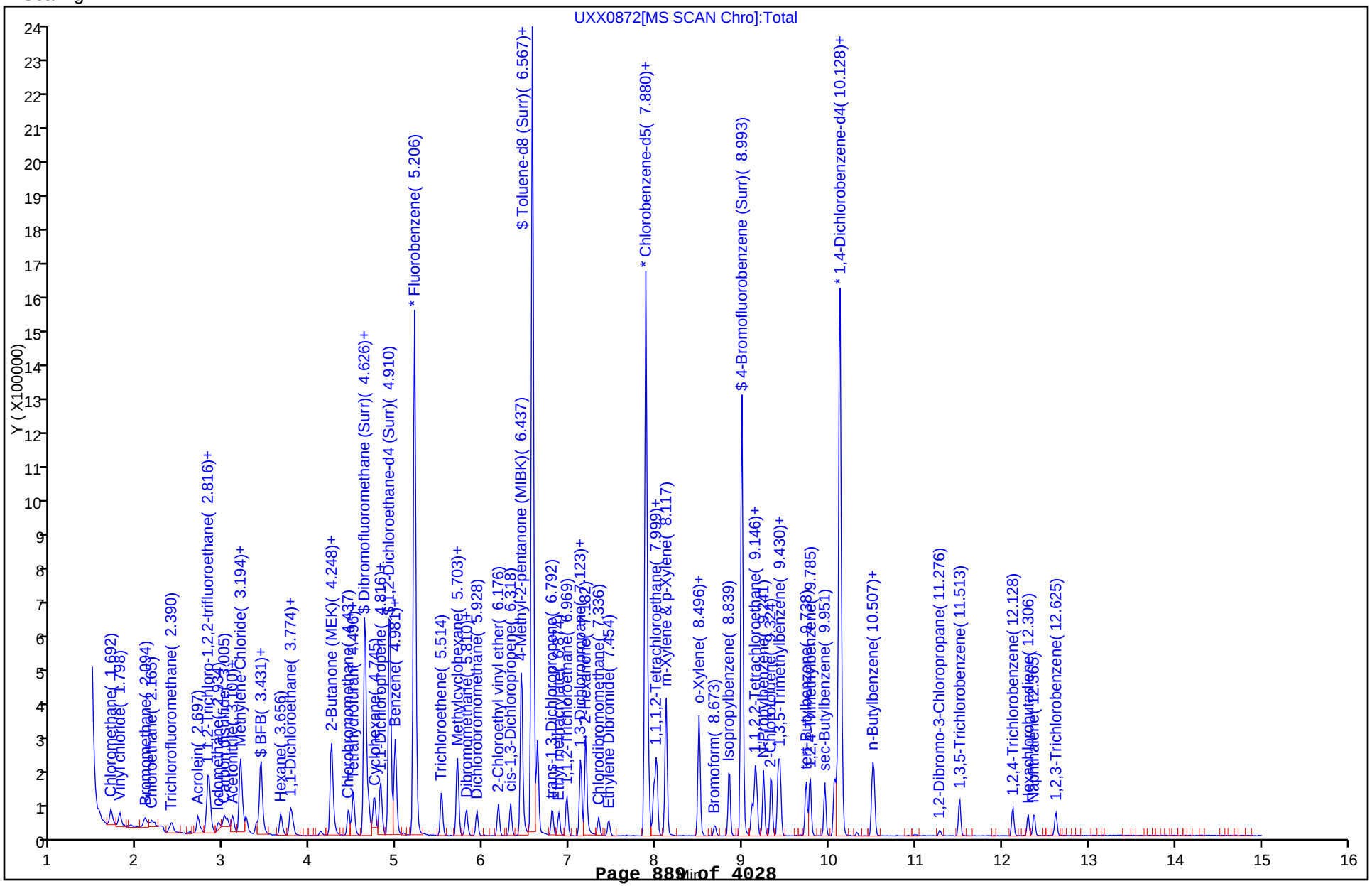
Report Date: 15-Nov-2012 13:51:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0872.D

Injection Date:	13-Nov-2012 15:27:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64980/5

Matrix: Solid | Lab File ID: 149140.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 13:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00959	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.0159	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00507		0.0010	0.00025	0.00013
74-97-5	Bromochloromethane	0.00504		0.0010	0.00050	0.00029
75-27-4	Bromodichloromethane	0.00418		0.0010	0.00025	0.00015
75-25-2	Bromoform	0.00619		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00523		0.0010	0.00050	0.00041
106-93-4	1,2-Dibromoethane	0.00470		0.0010	0.00025	0.00024
75-15-0	Carbon disulfide	0.00387		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00490		0.0010	0.00025	0.00015
56-23-5	Carbon tetrachloride	0.00459		0.0010	0.00025	0.00013
107-06-2	1,2-Dichloroethane	0.00510		0.0010	0.00025	0.00022
108-90-7	Chlorobenzene	0.00489		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00518		0.0010	0.00025	0.00019
75-00-3	Chloroethane	0.00514		0.0010	0.0050	0.00029
540-59-0	1,2-Dichloroethene, Total	0.00983		0.0020	0.00050	0.00034
67-66-3	Chloroform	0.00486		0.0010	0.00025	0.00016
78-87-5	1,2-Dichloropropane	0.00488		0.0010	0.00025	0.00018
74-87-3	Chloromethane	0.00504		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00966	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00512		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00493		0.0010	0.00025	0.00018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0103		0.010	0.00050	0.00032
100-41-4	Ethylbenzene	0.00462		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00490		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00796	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00472		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00442		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00528		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00518		0.0010	0.00025	0.00013
71-55-6	1,1,1-Trichloroethane	0.00489		0.0010	0.00025	0.00022
79-00-5	1,1,2-Trichloroethane	0.00515		0.0010	0.00050	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00427		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00515		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00495		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.0146		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64980/5

Matrix: Solid Lab File ID: 149140.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 13:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		50-150
460-00-4	4-Bromofluorobenzene (Surr)	93		50-150
1868-53-7	Dibromofluoromethane (Surr)	90		50-150
2037-26-5	Toluene-d8 (Surr)	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149140.D
Lims ID: QCMRL Client ID:
Inject. Date: 14-Nov-2012 13:18:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014942-005 =240-0014942-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64980 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 13:40:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1381950	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	775093	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	99	460392	50.0	
$ 4 BFB	95	4.329	4.537	-0.208	0	2196	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	82	326560	44.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.542	0.011	94	377565	47.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1137433	49.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	354656	46.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	41145	5.18	
13 Chloromethane	50	1.607	1.607	0.0	89	68255	5.04	
14 Vinyl chloride	62	1.725	1.737	-0.012	84	52500	4.95	
15 Bromomethane	94	2.069	2.069	0.0	90	20801	5.23	
16 Chloroethane	64	2.187	2.187	0.0	91	31363	5.14	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	83	46948	4.63	
19 Ethyl ether	59		2.873					
25 Methylal	45		2.932					9
20 Acrolein	56	3.039	3.027	0.012	95	46565	49.6	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	84	41186	5.18	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	80	40241	5.30	
22 Acetone	43	3.252	3.252	0.0	96	43677	15.9	
24 Iodomethane	142	3.347	3.347	0.0	100	66969	4.73	
26 Carbon disulfide	76	3.418	3.418	0.0	99	72450	3.87	
27 Acetonitrile	41	3.666	3.666	0.0	95	45282	52.5	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	62273	11.0	
30 Methylene Chloride	84	3.891	3.891	0.0	88	111620	7.96	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	85	38246	95.6	
32 Acrylonitrile	53	4.305	4.305	0.0	93	28319	10.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	43498	4.88	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	86	88364	4.90	
35 Hexane	86	4.743	4.743	0.0	95	14708	7.00	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	83852	4.90	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	97	3113	4.66	
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	63	27643	4.81	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	44462	4.95	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	87	29464	9.59	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	88	19916	5.04	
48 Tetrahydrofuran	42	5.985	5.985	0.0	75	9305	4.53	
49 Chloroform	83	6.033	6.033	0.0	84	69695	4.86	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	39	53803	4.89	
51 Cyclohexane	56	6.269	6.258	0.011	94	118220	5.30	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	56960	5.16	
53 Carbon tetrachloride	117	6.388	6.388	0.0	63	43779	4.59	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	96	156018	5.07	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	84	56231	5.10	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	90	44881	5.15	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	84713	4.99	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	37871	4.88	
65 Dibromomethane	93	7.559	7.559	0.0	85	15755	4.67	
64 Methyl methacrylate	41		7.583					
66 1,4-Dioxane	88	7.583	7.583	0.0	89	8160	186.9	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	27621	4.18	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	87	19701	11.0	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	78	26455	5.12	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	49011	10.3	
72 Toluene	91	8.411	8.411	0.0	91	141019	5.18	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	91	19582	4.27	
74 Ethyl methacrylate	69	8.683	8.683	0.0	86	15629	4.21	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	19083	5.15	
77 Tetrachloroethene	164	8.884	8.885	-0.001	88	32804	5.28	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	91	32801	5.07	
78 2-Hexanone	43	8.979	8.979	0.0	92	24031	9.66	
132 n-Butyl acetate	43		9.086					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	82	14058	4.93	
123 Ethylene Dibromide	107	9.204	9.204	0.0	95	16950	4.70	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	88	87502	4.89	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	25589	4.37	
84 Ethylbenzene	106	9.713	9.713	0.0	99	44513	4.62	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	113912	9.64	
85 o-Xylene	106	10.150	10.151	-0.001	95	62083	4.92	
86 Styrene	104	10.162	10.162	0.0	93	71359	4.42	
87 Bromoform	173	10.328	10.328	0.0	87	6310	6.19	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	164195	4.82	
89 Cyclohexanone	55	10.541	10.541	0.0	29	3584	3.22	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	21712	4.72	
91 Bromobenzene	156	10.718	10.719	-0.001	91	36854	4.94	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	7417	4.84	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	48	6620	4.25	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	42957	4.76	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	40498	4.94	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	138020	4.81	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	36337	4.63	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	130372	4.73	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	133236	4.71	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	181979	4.88	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	95	77482	4.78	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	87	155299	4.77	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	76	80067	4.77	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	13	4330	0.1570	
105 n-Butylbenzene	91	11.878	11.878	0.0	96	132563	4.86	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	76539	4.89	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	32	3047	4.78	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	68671	5.19	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	56477	5.11	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	32561	5.39	
111 Naphthalene	128	13.440	13.440	0.0	97	90806	4.79	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	95	50426	5.48	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	85	22189	2.03	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	12043480	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	14514511	0	
S 137 Trihalomethanes, Total	1				0		20.2	
S 11 1,2-Dichloroethene, Total	96				0		9.83	
S 9 1,3-Dichloropropene, Total	75				0		9.40	
S 114 Xylenes, Total	106				0		14.6	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

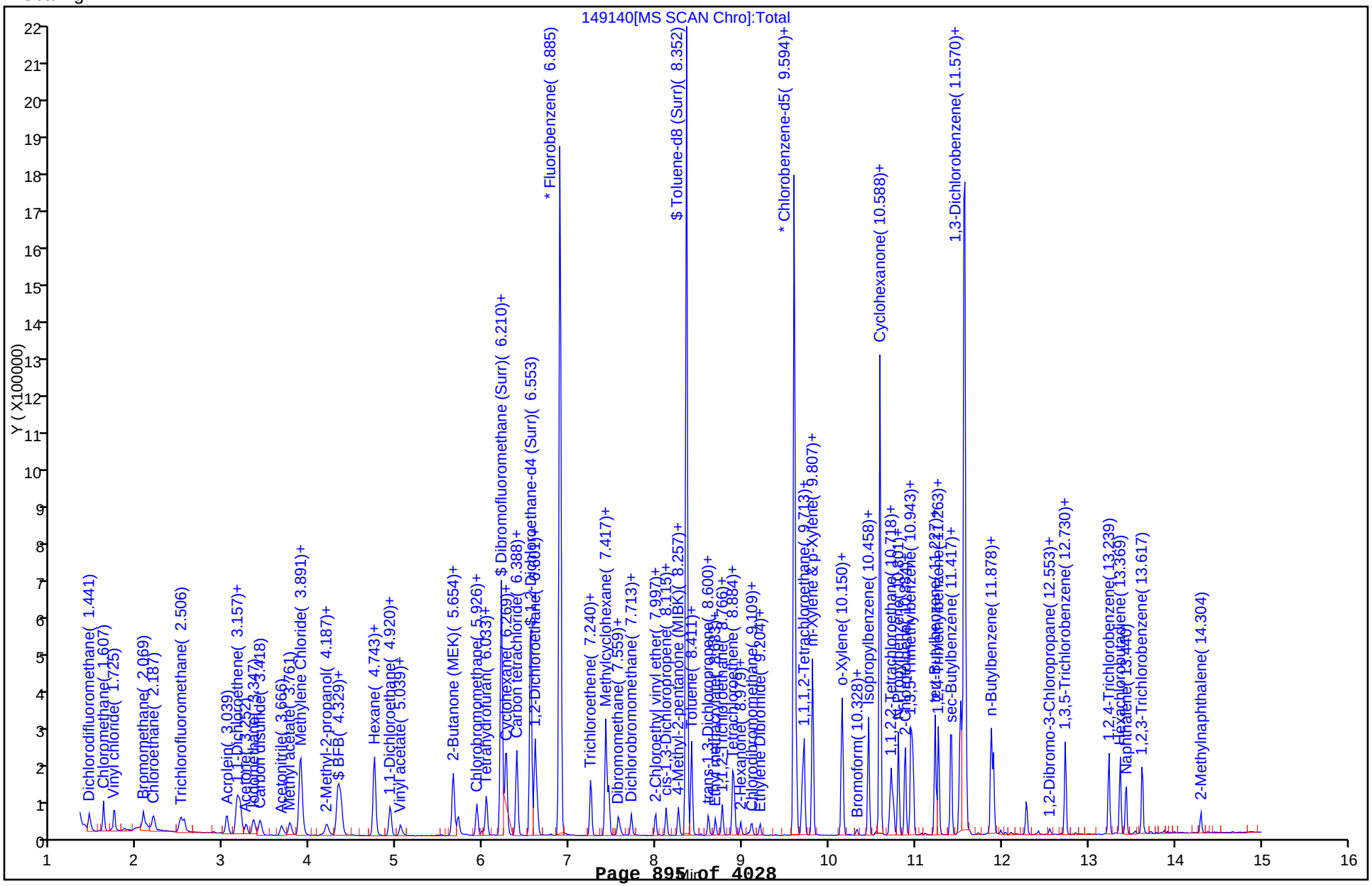
Report Date: 15-Nov-2012 10:40:34 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149140.D

Injection Date:	14-Nov-2012 13:18:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	5
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64980/33

Matrix: Solid | Lab File ID: 149168.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 23:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00998	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.0157	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00502		0.0010	0.00025	0.00013
74-97-5	Bromochloromethane	0.00491		0.0010	0.00050	0.00029
75-27-4	Bromodichloromethane	0.00390		0.0010	0.00025	0.00015
75-25-2	Bromoform	0.00591		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00480		0.0010	0.00050	0.00041
106-93-4	1,2-Dibromoethane	0.00489		0.0010	0.00025	0.00024
75-15-0	Carbon disulfide	0.00362		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00480		0.0010	0.00025	0.00015
56-23-5	Carbon tetrachloride	0.00448		0.0010	0.00025	0.00013
107-06-2	1,2-Dichloroethane	0.00537		0.0010	0.00025	0.00022
108-90-7	Chlorobenzene	0.00504		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00488		0.0010	0.00025	0.00019
75-00-3	Chloroethane	0.00518		0.0010	0.0050	0.00029
540-59-0	1,2-Dichloroethene, Total	0.00969		0.0020	0.00050	0.00034
67-66-3	Chloroform	0.00487		0.0010	0.00025	0.00016
78-87-5	1,2-Dichloropropane	0.00496		0.0010	0.00025	0.00018
74-87-3	Chloromethane	0.00510		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00893	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00514		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00459		0.0010	0.00025	0.00018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00935	J	0.010	0.00050	0.00032
100-41-4	Ethylbenzene	0.00481		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00489		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00645		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00491		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00439		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00505		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00517		0.0010	0.00025	0.00013
71-55-6	1,1,1-Trichloroethane	0.00476		0.0010	0.00025	0.00022
79-00-5	1,1,2-Trichloroethane	0.00510		0.0010	0.00050	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00397		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00506		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00505		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.0149		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64980/33

Matrix: Solid Lab File ID: 149168.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		50-150
460-00-4	4-Bromofluorobenzene (Surr)	95		50-150
1868-53-7	Dibromofluoromethane (Surr)	88		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149168.D
Lims ID: QCMRL Client ID:
Inject. Date: 14-Nov-2012 23:21:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014942-033 =240-0014942-033
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 64980 Lims Sample ID: 33
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 15-Nov-2012 10:19:51

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1408920	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	813956	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	98	475795	50.0	
$ 4 BFB	95	4.317	4.537	-0.220	0	2461	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	76	328829	44.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	93	402133	50.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1187378	48.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	374427	47.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	85	37944	4.68	
13 Chloromethane	50	1.607	1.607	0.0	88	70358	5.10	
14 Vinyl chloride	62	1.725	1.737	-0.012	82	54622	5.05	
15 Bromomethane	94	2.069	2.069	0.0	88	19737	4.80	
16 Chloroethane	64	2.187	2.187	0.0	94	32223	5.18	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	81	45850	4.44	
19 Ethyl ether	59	2.873	2.873	0.0	90	7227	1.04	
25 Methylal	45		2.932					9
20 Acrolein	56	3.027	3.027	0.0	96	44980	47.0	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	82	39561	4.88	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	82	41348	5.35	
22 Acetone	43	3.252	3.252	0.0	98	44075	15.7	
24 Iodomethane	142	3.335	3.347	-0.012	99	69488	4.82	
26 Carbon disulfide	76	3.418	3.418	0.0	98	67760	3.62	
27 Acetonitrile	41	3.666	3.666	0.0	94	41247	46.9	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	63981	11.1	
30 Methylene Chloride	84	3.891	3.891	0.0	90	101740	6.45	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	83	40389	99.1	
32 Acrylonitrile	53	4.305	4.305	0.0	95	28967	10.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	91	44033	4.84	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	85	89951	4.89	
35 Hexane	86	4.743	4.743	0.0	95	12632	5.90	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	83620	4.80	
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86	5.039	5.039	0.0	97	3050	4.50	
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77	5.642	5.642	0.0	69	28122	4.79	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	44429	4.85	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	94	31086	9.98	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	87	19796	4.91	
48 Tetrahydrofuran	42	5.985	5.985	0.0	85	10478	5.04	
49 Chloroform	83	6.033	6.033	0.0	83	71168	4.87	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	37	53478	4.76	
51 Cyclohexane	56	6.257	6.258	-0.001	95	113477	4.99	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	58545	5.20	
53 Carbon tetrachloride	117	6.388	6.388	0.0	60	43381	4.48	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	83	157629	5.02	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	60418	5.37	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					9
60 Trichloroethene	130	7.240	7.240	0.0	91	45023	5.06	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	96	86497	5.00	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	85	39252	4.96	
65 Dibromomethane	93	7.559	7.559	0.0	85	17181	4.99	
64 Methyl methacrylate	41		7.583					
66 1,4-Dioxane	88	7.583	7.583	0.0	88	8816	198.0	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	25705	3.90	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	87	18867	10.5	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	78	27150	5.14	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	46963	9.35	
72 Toluene	91	8.411	8.411	0.0	90	147801	5.17	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	83	18574	3.97	
74 Ethyl methacrylate	69	8.683	8.683	0.0	87	17176	4.38	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	88	19837	5.10	
77 Tetrachloroethene	164	8.884	8.885	-0.001	90	32937	5.05	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	36432	5.36	
78 2-Hexanone	43	8.979	8.979	0.0	96	23330	8.93	
132 n-Butyl acetate	43		9.086					14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	13317	4.59	
123 Ethylene Dibromide	107	9.204	9.204	0.0	92	18528	4.89	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	89	94639	5.04	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	25757	4.21	
84 Ethylbenzene	106	9.713	9.713	0.0	98	48722	4.81	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	123469	9.95	
85 o-Xylene	106	10.151	10.151	0.0	93	64879	4.90	
86 Styrene	104	10.162	10.162	0.0	92	74507	4.39	
87 Bromoform	173	10.316	10.328	-0.012	84	6019	5.91	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	169617	4.74	
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	23342	4.91	
91 Bromobenzene	156	10.718	10.719	-0.001	95	38339	4.97	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	72	8769	5.54	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	47	7513	4.67	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	45480	4.87	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	42366	5.00	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	142416	4.80	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	38068	4.69	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	130697	4.59	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	139870	4.79	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	185651	4.82	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	82786	4.94	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	86	163051	4.85	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	87	85078	4.90	
103 1,2,3-Trimethylbenzene	105		11.630					9
105 n-Butylbenzene	91	11.878	11.878	0.0	97	127487	4.53	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	81181	5.02	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	41	2839	4.36	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	69328	5.07	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	56261	4.92	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	92	32541	5.21	
111 Naphthalene	128	13.440	13.440	0.0	97	92884	4.74	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	51704	5.44	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	26	1982	0.1755	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	12649585	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	15412050	0	
S 137 Trihalomethanes, Total	1				0		19.3	
S 11 1,2-Dichloroethene, Total	96				0		9.70	
S 9 1,3-Dichloropropene, Total	75				0		9.11	
S 114 Xylenes, Total	106				0		14.8	

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

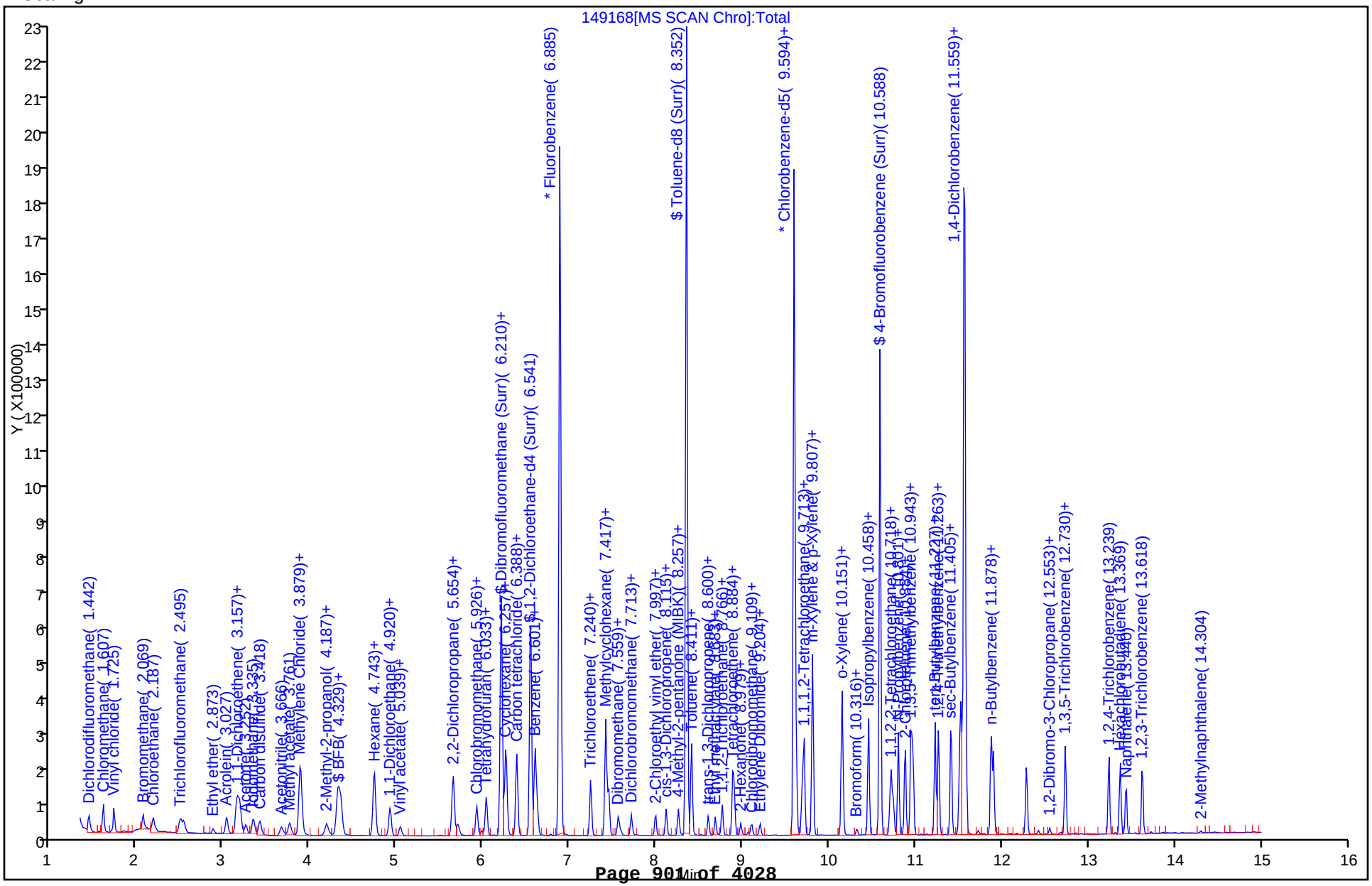
Report Date: 15-Nov-2012 10:40:49 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149168.D

Injection Date:	14-Nov-2012 23:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	33
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65171/5

Matrix: Solid | Lab File ID: 149173.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0102		0.010	0.00050	0.00057
67-64-1	Acetone	0.0175	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00490		0.0010	0.00025	0.00013
74-97-5	Bromochloromethane	0.00475		0.0010	0.00050	0.00029
75-27-4	Bromodichloromethane	0.00411		0.0010	0.00025	0.00015
75-25-2	Bromoform	0.00607		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00580		0.0010	0.00050	0.00041
106-93-4	1,2-Dibromoethane	0.00444		0.0010	0.00025	0.00024
75-15-0	Carbon disulfide	0.00358		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00470		0.0010	0.00025	0.00015
56-23-5	Carbon tetrachloride	0.00456		0.0010	0.00025	0.00013
107-06-2	1,2-Dichloroethane	0.00505		0.0010	0.00025	0.00022
108-90-7	Chlorobenzene	0.00498		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00478		0.0010	0.00025	0.00019
75-00-3	Chloroethane	0.00562		0.0010	0.0050	0.00029
540-59-0	1,2-Dichloroethene, Total	0.00958		0.0020	0.00050	0.00034
67-66-3	Chloroform	0.00474		0.0010	0.00025	0.00016
78-87-5	1,2-Dichloropropane	0.00485		0.0010	0.00025	0.00018
74-87-3	Chloromethane	0.00583		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00914	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00504		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00454		0.0010	0.00025	0.00018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00948	J	0.010	0.00050	0.00032
100-41-4	Ethylbenzene	0.00470		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00465		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00565		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00464		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00411		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00523		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00494		0.0010	0.00025	0.00013
71-55-6	1,1,1-Trichloroethane	0.00465		0.0010	0.00025	0.00022
79-00-5	1,1,2-Trichloroethane	0.00489		0.0010	0.00050	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00416		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00490		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00555		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.0139		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65171/5

Matrix: Solid Lab File ID: 149173.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 12:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	95		50-150
1868-53-7	Dibromofluoromethane (Surr)	89		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149173.D
Lims ID: QCMRL Client ID:
Inject. Date: 15-Nov-2012 12:20:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014986-005 =240-0014986-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 65171 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 12:41:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1409743	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	806452	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	463255	50.0	
$ 4 BFB	95	4.329	4.537	-0.208	0	2263	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	69	330145	44.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	390924	48.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1174148	48.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	363309	47.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	46555	5.74	
13 Chloromethane	50	1.607	1.607	0.0	89	80474	5.83	
14 Vinyl chloride	62	1.725	1.737	-0.012	83	60120	5.55	
15 Bromomethane	94	2.069	2.069	0.0	89	23185	5.80	
16 Chloroethane	64	2.187	2.187	0.0	97	34955	5.62	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	83	48725	4.71	
19 Ethyl ether	59	2.873	2.873	0.0	94	5834	0.8393	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	89	44175	46.2	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	38758	4.78	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	37352	4.83	
22 Acetone	43	3.264	3.252	0.012	91	47803	17.5	
24 Iodomethane	142	3.335	3.347	-0.012	100	66531	4.61	
26 Carbon disulfide	76	3.418	3.418	0.0	98	66873	3.58	
27 Acetonitrile	41	3.666	3.666	0.0	98	49345	56.1	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	63235	11.0	
30 Methylene Chloride	84	3.891	3.879	0.012	89	95398	5.65	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	86	40949	100.4	
32 Acrylonitrile	53	4.305	4.305	0.0	90	27615	10.1	
33 trans-1,2-Dichloroethene	96	4.329	4.317	0.012	90	42448	4.67	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	85	85615	4.65	
35 Hexane	86	4.743	4.743	0.0	95	11755	5.49	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	82026	4.70	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	95	2587	3.91	
38 Isopropyl ether	87	5.074	5.074	0.0	85	1607	0.2253	
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	69	27184	4.63	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	44957	4.91	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	71	31618	10.2	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	87	19124	4.75	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	10108	4.85	
49 Chloroform	83	6.033	6.033	0.0	84	69348	4.74	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	36	52187	4.65	
51 Cyclohexane	56	6.257	6.258	-0.001	95	111956	4.92	
53 Carbon tetrachloride	117	6.388	6.388	0.0	66	44359	4.56	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	80	53217	4.72	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	96	153902	4.90	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	56879	5.05	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56	7.228	7.228	0.0	37	5882	30.0	
60 Trichloroethene	130	7.240	7.240	0.0	89	43553	4.90	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	84785	4.90	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	86	38409	4.85	
65 Dibromomethane	93	7.559	7.559	0.0	88	16207	4.71	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	86	9586	215.2	
67 Dichlorobromomethane	83	7.713	7.713	0.0	88	27576	4.11	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	19119	10.6	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	76	26294	5.04	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	96	47139	9.48	
72 Toluene	91	8.411	8.411	0.0	96	139955	4.94	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	89	19621	4.16	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	16583	4.28	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	18861	4.89	
77 Tetrachloroethene	164	8.884	8.885	-0.001	88	33833	5.23	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	92	31847	4.73	
78 2-Hexanone	43	8.979	8.979	0.0	94	23671	9.14	
132 n-Butyl acetate	43	9.085	9.085	0.0	0	11119	0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	84	12968	4.54	
123 Ethylene Dibromide	107	9.204	9.204	0.0	93	16647	4.44	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	92550	4.98	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	78	25133	4.16	
84 Ethylbenzene	106	9.713	9.713	0.0	98	47125	4.70	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	113428	9.22	
85 o-Xylene	106	10.150	10.151	-0.001	94	60889	4.64	
86 Styrene	104	10.162	10.162	0.0	93	69119	4.11	
87 Bromoform	173	10.328	10.328	0.0	91	6310	6.07	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	159920	4.51	
89 Cyclohexanone	55	10.541	10.541	0.0	21	3530	3.05	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	21484	4.64	
91 Bromobenzene	156	10.718	10.719	-0.001	94	34500	4.59	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	74	7758	5.03	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	48	6293	4.01	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	41776	4.60	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	38373	4.65	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	132542	4.59	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	36992	4.68	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	123116	4.44	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	128266	4.51	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	176434	4.70	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	78540	4.82	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	87	150161	4.59	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	77	79409	4.70	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	5	4736	0.1707	
105 n-Butylbenzene	91	11.878	11.878	0.0	93	124866	4.55	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	75724	4.81	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	41	2255	3.65	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	63304	4.76	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	54357	4.89	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	31659	5.21	
111 Naphthalene	128	13.440	13.440	0.0	97	86122	4.51	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	48236	5.21	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	86	22977	2.09	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	12545481	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	14991701	0	
S 137 Trihalomethanes, Total	1				0		19.5	
S 11 1,2-Dichloroethene, Total	96				0		9.57	
S 9 1,3-Dichloropropene, Total	75				0		9.20	
S 114 Xylenes, Total	106				0		13.9	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

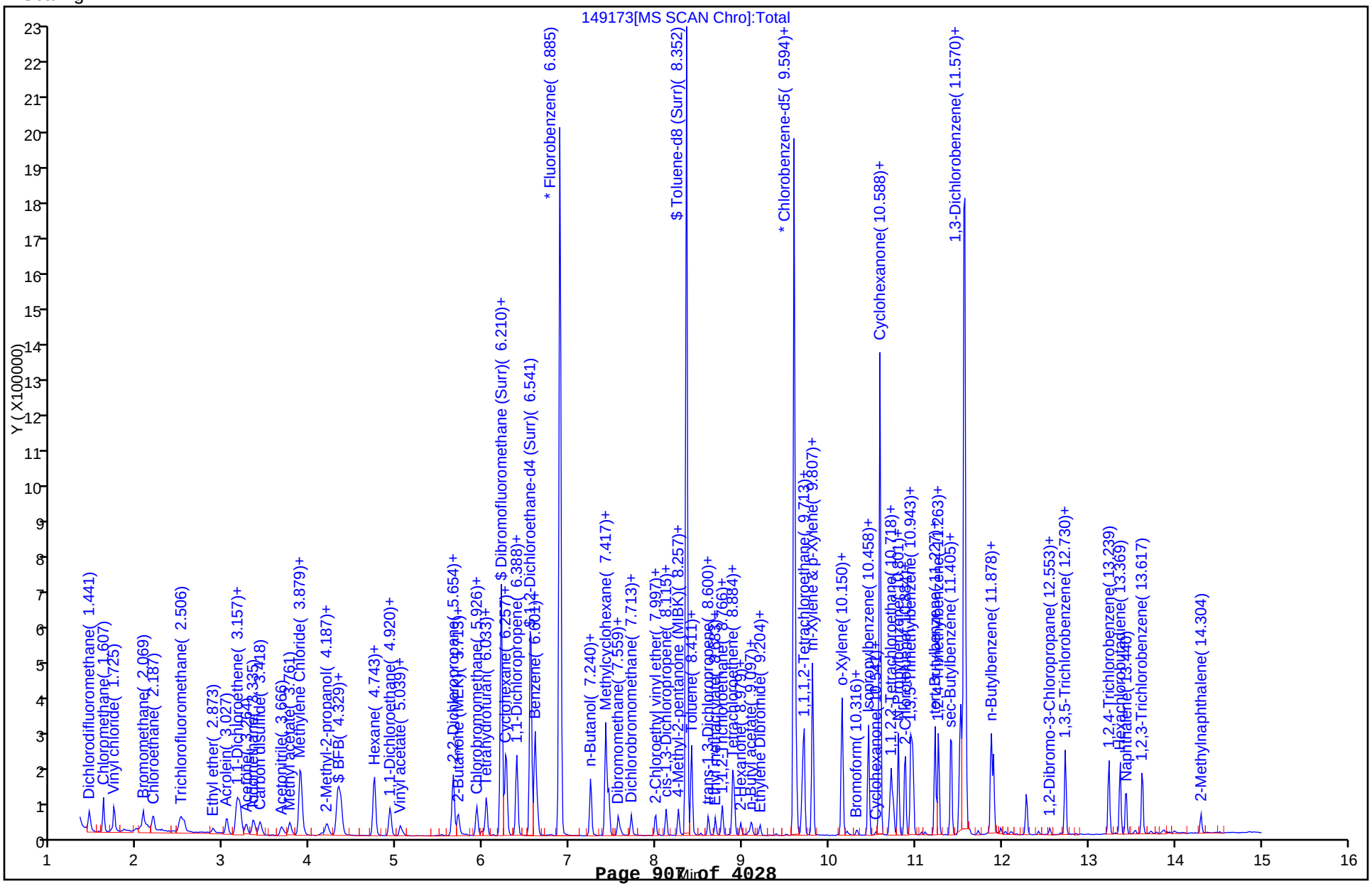
Report Date: 16-Nov-2012 09:58:09 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149173.D

Injection Date:	15-Nov-2012 12:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	5
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65171/29

Matrix: Solid | Lab File ID: 149197.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 21:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0119		0.010	0.00050	0.00057
67-64-1	Acetone	0.0201	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00504		0.0010	0.00025	0.00013
74-97-5	Bromochloromethane	0.00472		0.0010	0.00050	0.00029
75-27-4	Bromodichloromethane	0.00433		0.0010	0.00025	0.00015
75-25-2	Bromoform	0.00648		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00491		0.0010	0.00050	0.00041
106-93-4	1,2-Dibromoethane	0.00492		0.0010	0.00025	0.00024
75-15-0	Carbon disulfide	0.00353		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00476		0.0010	0.00025	0.00015
56-23-5	Carbon tetrachloride	0.00444		0.0010	0.00025	0.00013
107-06-2	1,2-Dichloroethane	0.00522		0.0010	0.00025	0.00022
108-90-7	Chlorobenzene	0.00495		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00467		0.0010	0.00025	0.00019
75-00-3	Chloroethane	0.00482		0.0010	0.0050	0.00029
540-59-0	1,2-Dichloroethene, Total	0.00908		0.0020	0.00050	0.00034
67-66-3	Chloroform	0.00471		0.0010	0.00025	0.00016
78-87-5	1,2-Dichloropropane	0.00508		0.0010	0.00025	0.00018
74-87-3	Chloromethane	0.00516		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.0109		0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00542		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00492		0.0010	0.00025	0.00018
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0102		0.010	0.00050	0.00032
100-41-4	Ethylbenzene	0.00487		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00451		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00528		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00525		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00453		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00537		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00512		0.0010	0.00025	0.00013
71-55-6	1,1,1-Trichloroethane	0.00437		0.0010	0.00025	0.00022
79-00-5	1,1,2-Trichloroethane	0.00567		0.0010	0.00050	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00425		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00521		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00518		0.0010	0.00025	0.00022
1330-20-7	Xylenes, Total	0.0148		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65171/29

Matrix: Solid Lab File ID: 149197.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		50-150
460-00-4	4-Bromofluorobenzene (Surr)	101		50-150
1868-53-7	Dibromofluoromethane (Surr)	87		50-150
2037-26-5	Toluene-d8 (Surr)	96		50-150

Report Date: 16-Nov-2012 09:58:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149197.D
Lims ID: QCMRL Client ID:
Inject. Date: 15-Nov-2012 21:17:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014986-029 =240-0014986-029
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 28
Lims Batch ID: 65171 Lims Sample ID: 29
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 16-Nov-2012 09:29:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1532149	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	930246	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	522429	50.0	
$ 4 BFB	95	4.317	4.537	-0.220	0	2464	0	
$ 5 Dibromofluoromethane (Surr)	113	6.198	6.210	-0.012	79	350941	43.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	437217	50.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1334874	47.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	435138	50.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	44792	5.09	
13 Chloromethane	50	1.607	1.607	0.0	89	77398	5.16	
14 Vinyl chloride	62	1.725	1.737	-0.012	84	60946	5.18	
15 Bromomethane	94	2.069	2.069	0.0	90	21849	4.91	
16 Chloroethane	64	2.187	2.187	0.0	92	32565	4.82	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	84	47530	4.23	
19 Ethyl ether	59	2.873	2.873	0.0	91	5719	0.7570	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	90	43759	42.1	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	41098	4.67	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	81	40795	4.85	
22 Acetone	43	3.252	3.252	0.0	95	57404	20.1	
24 Iodomethane	142	3.335	3.347	-0.012	99	69172	4.41	
26 Carbon disulfide	76	3.418	3.418	0.0	99	71517	3.53	
27 Acetonitrile	41	3.654	3.666	-0.012	99	46754	48.9	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	71810	11.4	
30 Methylene Chloride	84	3.879	3.879	0.0	87	100478	5.28	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	86	50196	113.2	
32 Acrylonitrile	53	4.305	4.305	0.0	96	30438	10.3	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	42684	4.32	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	90238	4.51	
35 Hexane	86	4.731	4.743	-0.012	96	14009	6.02	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	85	90198	4.76	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	96	3080	4.23	
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	66	26519	4.16	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	74	47422	4.76	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	93	39318	11.9	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	89	20679	4.72	
48 Tetrahydrofuran	42	5.985	5.985	0.0	87	12909	5.77	
49 Chloroform	83	6.033	6.033	0.0	84	74855	4.71	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	85	53351	4.37	
51 Cyclohexane	56	6.257	6.258	-0.001	96	116593	4.71	
53 Carbon tetrachloride	117	6.388	6.388	0.0	59	46687	4.44	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	63632	5.20	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	97	171967	5.04	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	82	63831	5.22	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	89	50384	5.21	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	97	91170	4.84	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	43764	5.08	
65 Dibromomethane	93	7.559	7.559	0.0	84	19101	5.10	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	93	12088	249.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	31988	4.33	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	89	23767	11.8	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	73	32117	5.42	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	96	58482	10.2	
72 Toluene	91	8.411	8.411	0.0	97	167502	5.12	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	87	23294	4.25	
74 Ethyl methacrylate	69	8.683	8.683	0.0	87	22289	4.87	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	88	25201	5.67	
77 Tetrachloroethene	164	8.884	8.885	-0.001	89	40039	5.37	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	41310	5.32	
78 2-Hexanone	43	8.979	8.979	0.0	92	32512	10.9	
132 n-Butyl acetate	43		9.085					14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.097	9.109	-0.012	86	16820	4.92	
123 Ethylene Dibromide	107	9.204	9.204	0.0	95	21284	4.92	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	90	106143	4.95	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	29250	4.19	
84 Ethylbenzene	106	9.713	9.713	0.0	98	56395	4.87	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	141583	9.98	
85 o-Xylene	106	10.150	10.151	-0.001	94	72814	4.81	
86 Styrene	104	10.150	10.162	-0.012	90	87816	4.53	
87 Bromoform	173	10.316	10.328	-0.012	85	8317	6.48	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	190753	4.66	
89 Cyclohexanone	55	10.541	10.541	0.0	28	2114	1.58	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	27396	5.25	
91 Bromobenzene	156	10.718	10.719	-0.001	95	42431	5.01	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	82	8759	5.04	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	59	9034	5.11	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	53117	5.18	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	50440	5.42	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	156134	4.79	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	45079	5.06	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	147496	4.71	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	151226	4.71	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	204653	4.83	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	94	91825	4.99	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	86	176569	4.78	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	85	96218	5.05	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91	11.878	11.878	0.0	94	143079	4.63	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	89175	5.02	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	44	3754	5.15	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	73987	4.93	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	58903	4.70	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	35654	5.20	
111 Naphthalene	128	13.440	13.440	0.0	97	101566	4.72	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	95	51281	4.91	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	37	2807	0.2264	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	14291561	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	17373155	0	
S 137 Trihalomethanes, Total	1				0		20.4	
S 11 1,2-Dichloroethene, Total	96				0		9.08	
S 9 1,3-Dichloropropene, Total	75				0		9.67	
S 114 Xylenes, Total	106				0		14.8	

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

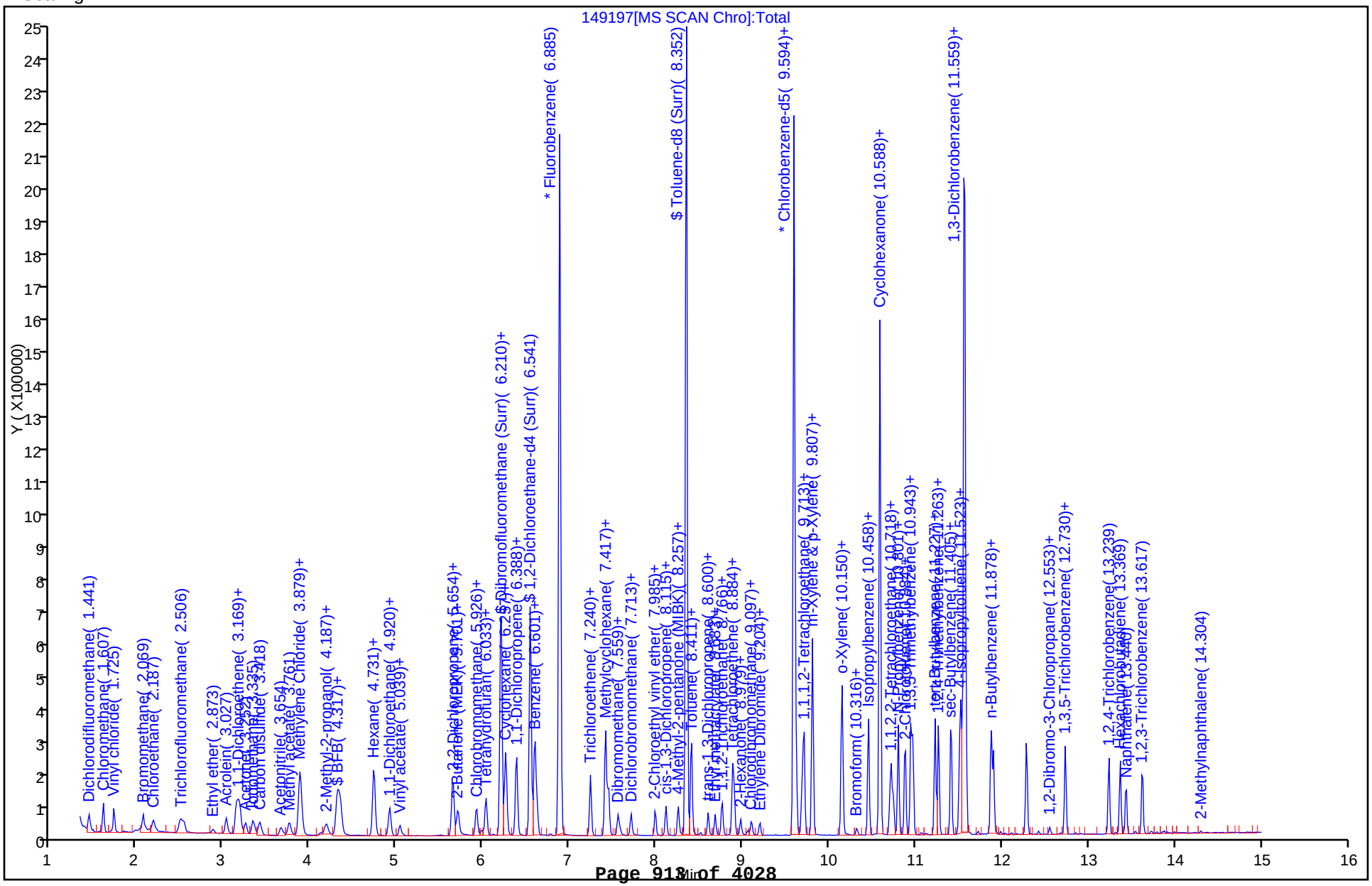
Report Date: 16-Nov-2012 09:58:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149197.D

Injection Date:	15-Nov-2012 21:17:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	29
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS | Lab Sample ID: 240-17422-2 MS

Matrix: Solid | Lab File ID: 149182.D

Analysis Method: 8260B/DoD | Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.467(g) | Date Analyzed: 11/15/2012 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.4 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	56.5		6.0	1.2	0.67
79-34-5	1,1,2,2-Tetrachloroethane	71.1		6.0	0.60	0.41
79-00-5	1,1,2-Trichloroethane	66.2		6.0	0.60	0.47
75-34-3	1,1-Dichloroethane	58.6		6.0	0.60	0.43
75-35-4	1,1-Dichloroethene	56.4		6.0	1.2	0.62
106-93-4	1,2-Dibromoethane	63.7		6.0	1.2	0.60
107-06-2	1,2-Dichloroethane	60.7		6.0	0.60	0.41
540-59-0	1,2-Dichloroethene, Total	110		12	1.2	0.92
78-87-5	1,2-Dichloropropane	58.8		6.0	1.2	0.82
78-93-3	2-Butanone (MEK)	126		24	2.4	1.7
591-78-6	2-Hexanone	96.4		24	1.2	0.75
108-10-1	4-Methyl-2-pentanone (MIBK)	125		24	1.2	0.64
67-64-1	Acetone	165		24	7.5	7.5
71-43-2	Benzene	56.5		6.0	0.60	0.27
74-97-5	Bromochloromethane	57.3		6.0	1.2	0.85
75-27-4	Bromodichloromethane	47.9		6.0	0.60	0.33
75-25-2	Bromoform	47.7		6.0	0.60	0.39
74-83-9	Bromomethane	47.3		6.0	1.2	0.64
75-15-0	Carbon disulfide	37.3		6.0	0.60	0.53
56-23-5	Carbon tetrachloride	51.8		6.0	0.60	0.44
108-90-7	Chlorobenzene	51.2		6.0	0.60	0.39
75-00-3	Chloroethane	47.7		6.0	1.2	1.0
67-66-3	Chloroform	55.8		6.0	0.60	0.35
74-87-3	Chloromethane	55.6		6.0	0.60	0.49
10061-01-5	cis-1,3-Dichloropropene	48.1		6.0	0.60	0.41
124-48-1	Dibromochloromethane	53.7		6.0	1.2	0.66
100-41-4	Ethylbenzene	54.0		6.0	0.60	0.31
1634-04-4	Methyl tert-butyl ether	59.8		6.0	0.60	0.51
75-09-2	Methylene Chloride	51.8		6.0	1.2	0.80
100-42-5	Styrene	50.1		6.0	0.60	0.18
127-18-4	Tetrachloroethene	55.2		6.0	1.2	0.62
108-88-3	Toluene	57.3		6.0	0.60	0.32
10061-02-6	trans-1,3-Dichloropropene	49.9		6.0	1.2	0.64
79-01-6	Trichloroethene	56.5		6.0	0.60	0.50
75-01-4	Vinyl chloride	53.6		6.0	0.60	0.47
1330-20-7	Xylenes, Total	158		12	1.8	0.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS Lab Sample ID: 240-17422-2 MS

Matrix: Solid Lab File ID: 149182.D

Analysis Method: 8260B/DoD Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.467(g) Date Analyzed: 11/15/2012 15:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.4 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		61-130
460-00-4	4-Bromofluorobenzene (Surr)	109		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
2037-26-5	Toluene-d8 (Surr)	100		85-115

Report Date: 16-Nov-2012 09:58:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149182.D
Lims ID: 240-17422-G-2-A MS Client ID: 076SS-0020M-0002-SO
Inject. Date: 15-Nov-2012 15:34:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-17422-g-2-a ms
Misc. Info.: 240-0014986-014 =240-0014986-014
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 65171 Lims Sample ID: 14
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 16:13:17

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1370122	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	753903	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	358646	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	340217	47.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	94	388046	49.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1129607	50.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	325005	54.6	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	87	334659	42.5	
13 Chloromethane	50	1.607	1.607	0.0	89	624936	46.6	
14 Vinyl chloride	62	1.737	1.737	0.0	83	471997	44.9	
15 Bromomethane	94	2.069	2.069	0.0	89	135522	39.6	
16 Chloroethane	64	2.175	2.187	-0.012	90	241677	40.0	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	85	422309	42.0	
19 Ethyl ether	59	2.873	2.873	0.0	96	347724	51.5	
25 Methylal	45		2.932					
20 Acrolein	56	3.039	3.027	0.012	89	13155	14.1	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	84	372191	47.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	362610	48.2	
22 Acetone	43	3.264	3.252	0.012	98	278595	138.0	
24 Iodomethane	142	3.347	3.347	0.0	100	577106	41.1	
26 Carbon disulfide	76	3.418	3.418	0.0	98	713798	31.2	
27 Acetonitrile	41	3.666	3.666	0.0	95	117974	138.0	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	100	696008	124.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.891	3.879	0.012	88	386242	43.4	
31 2-Methyl-2-propanol	59	4.198	4.187	0.011	87	488858	1232.8	
32 Acrylonitrile	53	4.305	4.305	0.0	97	372053	140.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	410631	46.4	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	895716	50.1	
35 Hexane	86	4.743	4.743	0.0	96	90564	43.5	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	832297	49.1	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86		5.039					9
38 Isopropyl ether	87	5.074	5.074	0.0	95	321505	46.4	
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	76	262230	46.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	408489	45.9	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	279551	105.2	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	89	188064	48.0	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	116977	62.0	
49 Chloroform	83	6.033	6.033	0.0	84	663682	46.7	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	92	516485	47.3	
51 Cyclohexane	56	6.257	6.258	-0.001	94	941470	42.6	
53 Carbon tetrachloride	117	6.388	6.388	0.0	72	472143	43.4	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	531927	48.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	558926	2810.4	
55 Benzene	78	6.601	6.601	0.0	96	1443336	47.3	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	555835	50.8	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	91	409321	47.3	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	97	669193	39.8	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	379085	49.2	
65 Dibromomethane	93	7.559	7.559	0.0	91	171040	51.1	
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	328419	40.1	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	98674	46.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	85	327171	40.3	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	487065	104.7	
72 Toluene	91	8.411	8.411	0.0	91	1271914	48.0	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	243349	41.8	
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	199521	55.4	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	279046	46.2	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	333503	53.0	
78 2-Hexanone	43	8.979	8.979	0.0	97	195319	80.7	
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	180033	45.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	187025	53.3	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	745594	42.9	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	287758	44.3	
84 Ethylbenzene	106	9.713	9.713	0.0	98	423784	45.2	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	1018543	88.6	
85 o-Xylene	106	10.150	10.151	-0.001	87	529666	43.2	
86 Styrene	104	10.162	10.162	0.0	94	658231	41.9	
87 Bromoform	173	10.316	10.328	-0.012	96	77945	40.0	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1417084	42.8	
89 Cyclohexanone	55	10.541	10.541	0.0	95	173620	160.4	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	82	213271	59.5	
91 Bromobenzene	156	10.718	10.719	-0.001	92	269201	46.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	70807	59.3	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	70	117785	97.0	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	361066	51.3	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	299959	47.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1095492	49.0	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	268534	43.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	77	1050965	48.9	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1036339	47.1	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	1356447	46.7	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	84	491288	38.9	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	91	1215848	48.0	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	93	481336	36.8	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	1013769	47.2	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	890876	42.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	446760	36.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	70	28916	49.5	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	216926	25.2	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	143764	30.6	
111 Naphthalene	128	13.440	13.440	0.0	97	404096	27.3	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	159235	22.2	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	108529642	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	127057859	0	
S 137 Trihalomethanes, Total	1				0		171.7	
S 11 1,2-Dichloroethene, Total	96				0		92.3	
S 9 1,3-Dichloropropene, Total	75				0		82.0	
S 114 Xylenes, Total	106				0		131.8	

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

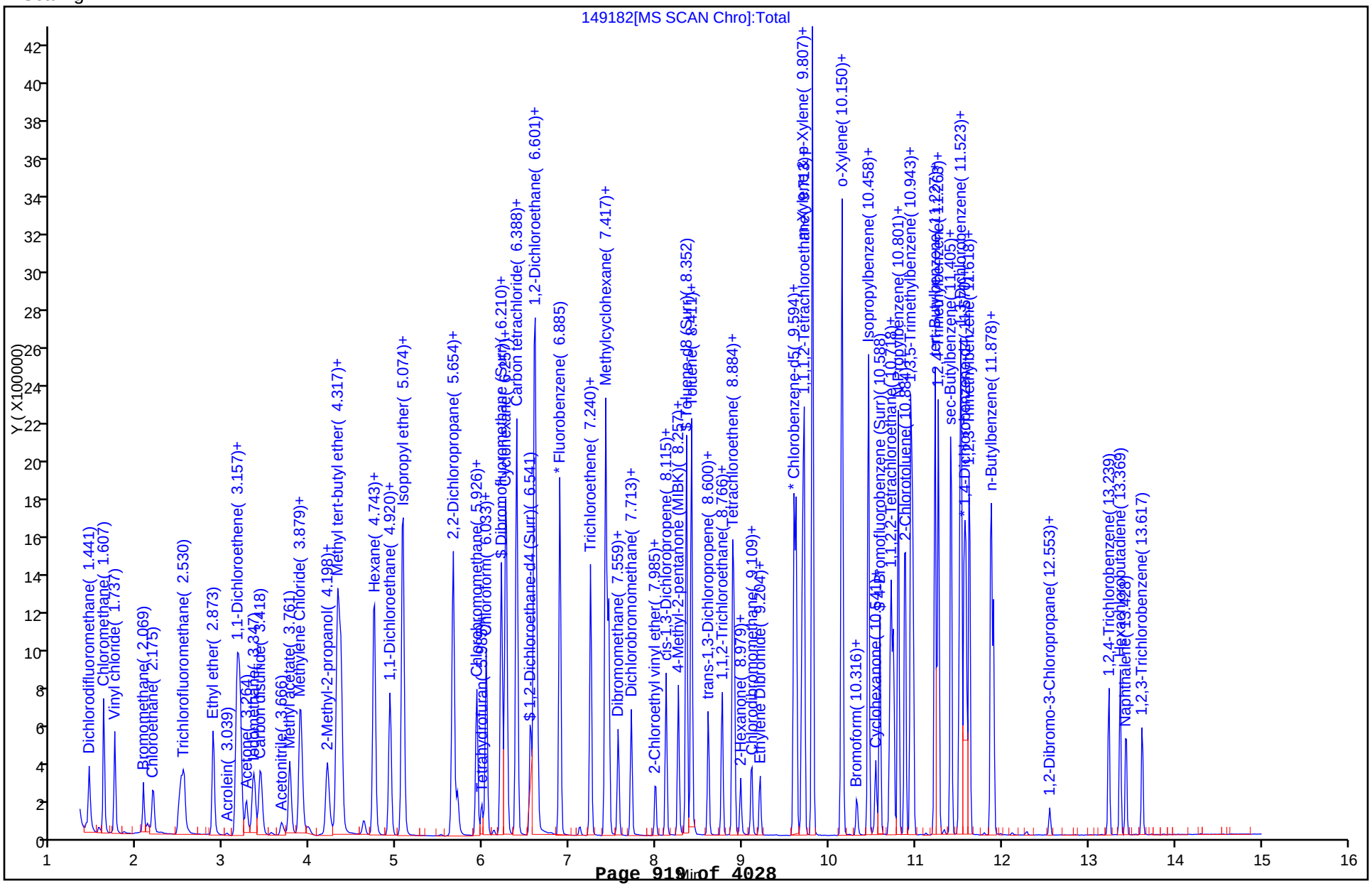
Report Date: 16-Nov-2012 09:58:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149182.D

Injection Date:	15-Nov-2012 15:34:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	14
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS | Lab Sample ID: 240-17422-6 MS

Matrix: Solid | Lab File ID: 149186.D

Analysis Method: 8260B/DoD | Date Collected: 11/08/2012 11:00

Sample wt/vol: 4.916(g) | Date Analyzed: 11/15/2012 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.9 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	58.5		6.3	1.3	0.70
79-34-5	1,1,2,2-Tetrachloroethane	95.3	J	6.3	0.63	0.43
79-00-5	1,1,2-Trichloroethane	74.8		6.3	0.63	0.49
75-34-3	1,1-Dichloroethane	61.7		6.3	0.63	0.45
75-35-4	1,1-Dichloroethene	57.5		6.3	1.3	0.65
106-93-4	1,2-Dibromoethane	64.8		6.3	1.3	0.63
107-06-2	1,2-Dichloroethane	61.1		6.3	0.63	0.43
540-59-0	1,2-Dichloroethene, Total	108		13	1.3	0.97
78-87-5	1,2-Dichloropropane	60.1		6.3	1.3	0.87
78-93-3	2-Butanone (MEK)	151		25	2.5	1.8
591-78-6	2-Hexanone	149		25	1.3	0.79
108-10-1	4-Methyl-2-pentanone (MIBK)	183	J	25	1.3	0.68
67-64-1	Acetone	173		25	7.9	7.9
71-43-2	Benzene	56.0		6.3	0.63	0.29
74-97-5	Bromochloromethane	59.0		6.3	1.3	0.89
75-27-4	Bromodichloromethane	48.5		6.3	0.63	0.35
75-25-2	Bromoform	48.3		6.3	0.63	0.41
74-83-9	Bromomethane	47.0		6.3	1.3	0.68
75-15-0	Carbon disulfide	36.3		6.3	0.63	0.55
56-23-5	Carbon tetrachloride	53.1		6.3	0.63	0.46
108-90-7	Chlorobenzene	48.1		6.3	0.63	0.41
75-00-3	Chloroethane	32.9		6.3	1.3	1.1
67-66-3	Chloroform	57.1		6.3	0.63	0.36
74-87-3	Chloromethane	58.5		6.3	0.63	0.51
10061-01-5	cis-1,3-Dichloropropene	44.1		6.3	0.63	0.43
124-48-1	Dibromochloromethane	57.2		6.3	1.3	0.69
100-41-4	Ethylbenzene	52.4		6.3	0.63	0.33
1634-04-4	Methyl tert-butyl ether	63.7		6.3	0.63	0.54
75-09-2	Methylene Chloride	56.2		6.3	1.3	0.84
100-42-5	Styrene	43.8	J	6.3	0.63	0.19
127-18-4	Tetrachloroethene	57.5		6.3	1.3	0.65
108-88-3	Toluene	60.6		6.3	0.63	0.34
10061-02-6	trans-1,3-Dichloropropene	49.8		6.3	1.3	0.68
79-01-6	Trichloroethene	53.6		6.3	0.63	0.53
75-01-4	Vinyl chloride	55.5		6.3	0.63	0.49
1330-20-7	Xylenes, Total	154		13	1.9	0.84

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS Lab Sample ID: 240-17422-6 MS

Matrix: Solid Lab File ID: 149186.D

Analysis Method: 8260B/DoD Date Collected: 11/08/2012 11:00

Sample wt/vol: 4.916(g) Date Analyzed: 11/15/2012 17:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.9 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		61-130
460-00-4	4-Bromofluorobenzene (Surr)	124	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	95		59-138
2037-26-5	Toluene-d8 (Surr)	112		85-115

Report Date: 17-Nov-2012 10:21:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149186.D
Lims ID: 240-17422-F-6-A MS Client ID: 073SS-0003M-0002-SO
Inject. Date: 15-Nov-2012 17:01:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-17422-f-6-a ms
Misc. Info.: 240-0014986-018 =240-0014986-018
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 65171 Lims Sample ID: 18
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: macenczaks Date: 16-Nov-2012 09:08:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1332466	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	640749	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.570	-0.011	97	246194	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	61	332954	47.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	94	375136	49.3	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1073239	56.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	253090	61.8	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	329156	43.0	
13 Chloromethane	50	1.607	1.607	0.0	89	608696	46.6	
14 Vinyl chloride	62	1.737	1.737	0.0	84	452550	44.2	
15 Bromomethane	94	2.069	2.069	0.0	90	124855	37.5	
16 Chloroethane	64	2.175	2.187	-0.012	95	154126	26.2	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	86	403385	41.3	
19 Ethyl ether	59	2.873	2.873	0.0	98	346383	52.7	
25 Methylal	45		2.932					
20 Acrolein	56	3.039	3.027	0.012	83	10363	11.5	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	351383	45.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	83	360915	49.3	
22 Acetone	43	3.264	3.252	0.012	97	270523	137.8	
24 Iodomethane	142	3.347	3.347	0.0	99	480475	35.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	643315	29.0	
27 Acetonitrile	41	3.666	3.666	0.0	99	145618	175.1	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	98	517027	94.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.891	3.879	0.012	88	386158	44.8	
31 2-Methyl-2-propanol	59	4.210	4.187	0.023	87	636214	1649.8	
32 Acrylonitrile	53	4.305	4.305	0.0	95	383375	148.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	366376	42.6	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	89	883885	50.8	
35 Hexane	86	4.731	4.743	-0.012	96	90989	44.9	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	810929	49.2	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86		5.039					9
38 Isopropyl ether	87	5.074	5.074	0.0	95	315650	46.8	
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	76	254407	45.9	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	379738	43.9	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	309732	120.0	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	87	179077	47.0	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	121791	66.4	
49 Chloroform	83	6.033	6.033	0.0	84	629056	45.5	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	92	495083	46.6	
51 Cyclohexane	56	6.257	6.258	-0.001	95	917320	42.6	
53 Carbon tetrachloride	117	6.388	6.388	0.0	70	447755	42.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	477121	44.8	
54 Isobutyl alcohol	41	6.589	6.589	0.0	92	877029	4534.5	
55 Benzene	78	6.601	6.601	0.0	96	1325671	44.7	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	85	518353	48.7	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	91	359249	42.7	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	660789	40.4	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	85	358923	47.9	
65 Dibromomethane	93	7.559	7.559	0.0	87	152002	46.7	
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	307893	38.7	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	87	85154	41.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	275204	35.2	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	577912	146.2	
72 Toluene	91	8.411	8.411	0.0	91	1088874	48.3	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	91	196351	39.7	
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	182634	59.7	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	235304	45.8	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	295305	55.2	
78 2-Hexanone	43	8.979	8.979	0.0	98	243939	118.6	
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	155352	45.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	154027	51.7	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	566231	38.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	258349	46.8	
84 Ethylbenzene	106	9.713	9.713	0.0	98	332864	41.8	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	801092	82.0	
85 o-Xylene	106	10.150	10.151	-0.001	95	424888	40.7	
86 Styrene	104	10.162	10.162	0.0	94	465617	34.9	
87 Bromoform	173	10.316	10.328	-0.012	92	63482	38.5	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1119410	39.7	
89 Cyclohexanone	55	10.541	10.541	0.0	96	540719	587.7	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	186739	75.9	
91 Bromobenzene	156	10.718	10.719	-0.001	83	192700	48.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	63456	77.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	60	86806	104.2	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	268250	55.5	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	219584	50.1	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	821792	53.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	186821	44.5	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	817772	55.4	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	742737	49.1	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	1020565	51.2	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	84	322751	37.3	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	92	868236	49.9	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	296025	33.0	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	90	735924	49.9	
105 n-Butylbenzene	91	11.878	11.878	0.0	93	598656	41.1	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	302516	36.1	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	68	23769	58.5	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	138338	23.4	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	108161	33.5	
111 Naphthalene	128	13.440	13.440	0.0	97	267970	26.4	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	113811	23.1	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	24	1772	0.3033	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	100259079	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	113497892	0	
S 137 Trihalomethanes, Total	1				0		168.3	
S 11 1,2-Dichloroethene, Total	96				0		86.5	
S 9 1,3-Dichloropropene, Total	75				0		74.9	
S 114 Xylenes, Total	106				0		122.7	

QC Flag Legend

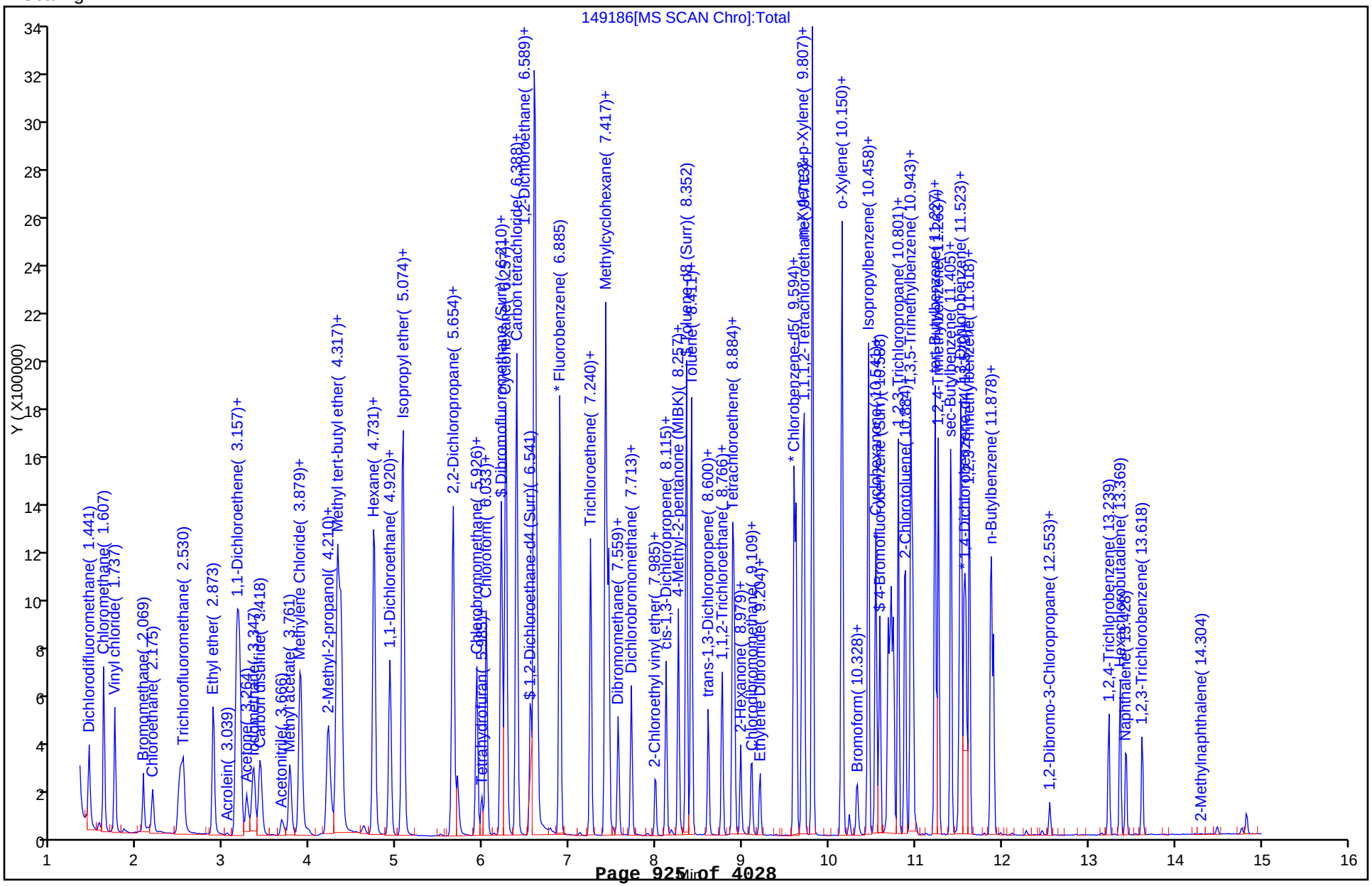
Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

Report Date: 17-Nov-2012 10:21:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149186.D		
Injection Date:	15-Nov-2012 17:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	18
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD | Lab Sample ID: 240-17422-2 MSD

Matrix: Solid | Lab File ID: 149183.D

Analysis Method: 8260B/DoD | Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.534(g) | Date Analyzed: 11/15/2012 15:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.4 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	50.7		5.9	1.2	0.66
79-34-5	1,1,2,2-Tetrachloroethane	57.0		5.9	0.59	0.40
79-00-5	1,1,2-Trichloroethane	55.4		5.9	0.59	0.46
75-34-3	1,1-Dichloroethane	51.9		5.9	0.59	0.42
75-35-4	1,1-Dichloroethene	51.8		5.9	1.2	0.61
106-93-4	1,2-Dibromoethane	54.4		5.9	1.2	0.59
107-06-2	1,2-Dichloroethane	53.2		5.9	0.59	0.40
540-59-0	1,2-Dichloroethene, Total	99.0		12	1.2	0.91
78-87-5	1,2-Dichloropropane	52.1		5.9	1.2	0.81
78-93-3	2-Butanone (MEK)	115		24	2.4	1.7
591-78-6	2-Hexanone	94.7		24	1.2	0.74
108-10-1	4-Methyl-2-pentanone (MIBK)	115		24	1.2	0.64
67-64-1	Acetone	136		24	7.4	7.4
71-43-2	Benzene	49.0		5.9	0.59	0.27
74-97-5	Bromochloromethane	51.3		5.9	1.2	0.84
75-27-4	Bromodichloromethane	42.4		5.9	0.59	0.33
75-25-2	Bromoform	43.4		5.9	0.59	0.39
74-83-9	Bromomethane	43.6		5.9	1.2	0.64
75-15-0	Carbon disulfide	35.4		5.9	0.59	0.52
56-23-5	Carbon tetrachloride	46.7		5.9	0.59	0.44
108-90-7	Chlorobenzene	40.5	J	5.9	0.59	0.39
75-00-3	Chloroethane	38.6		5.9	1.2	1.0
67-66-3	Chloroform	49.7		5.9	0.59	0.34
74-87-3	Chloromethane	50.6		5.9	0.59	0.48
10061-01-5	cis-1,3-Dichloropropene	43.3		5.9	0.59	0.40
124-48-1	Dibromochloromethane	45.5		5.9	1.2	0.65
100-41-4	Ethylbenzene	41.6	J	5.9	0.59	0.31
1634-04-4	Methyl tert-butyl ether	54.1		5.9	0.59	0.51
75-09-2	Methylene Chloride	47.4		5.9	1.2	0.79
100-42-5	Styrene	39.7	J	5.9	0.59	0.18
127-18-4	Tetrachloroethene	44.5		5.9	1.2	0.61
108-88-3	Toluene	45.5		5.9	0.59	0.32
10061-02-6	trans-1,3-Dichloropropene	42.9		5.9	1.2	0.64
79-01-6	Trichloroethene	49.3		5.9	0.59	0.50
75-01-4	Vinyl chloride	49.5		5.9	0.59	0.46
1330-20-7	Xylenes, Total	123	J	12	1.8	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD Lab Sample ID: 240-17422-2 MSD

Matrix: Solid Lab File ID: 149183.D

Analysis Method: 8260B/DoD Date Collected: 11/07/2012 15:50

Sample wt/vol: 5.534(g) Date Analyzed: 11/15/2012 15:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.4 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		61-130
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149183.D
Lims ID: 240-17422-I-2-A MSD Client ID: 076SS-0020M-0002-SO
Inject. Date: 15-Nov-2012 15:56:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-17422-i-2-a msd
Misc. Info.: 240-0014986-015 =240-0014986-015
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 14
Lims Batch ID: 65171 Lims Sample ID: 15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 16:36:40

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1506282	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	99	878983	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	97	458052	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	71	367156	46.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	94	422749	49.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1243880	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	391437	51.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.430	1.442	-0.012	87	341667	39.5	
13 Chloromethane	50	1.607	1.607	0.0	89	632566	42.9	
14 Vinyl chloride	62	1.737	1.737	0.0	84	485466	42.0	
15 Bromomethane	94	2.069	2.069	0.0	90	139210	36.9	
16 Chloroethane	64	2.175	2.187	-0.012	94	217469	32.7	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	87	421173	38.1	
19 Ethyl ether	59	2.873	2.873	0.0	98	344586	46.4	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	87	22586	22.1	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	85	380031	43.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	82	381011	46.1	
22 Acetone	43	3.264	3.252	0.012	97	258550	115.5	
24 Iodomethane	142	3.335	3.347	-0.012	99	612614	39.7	
26 Carbon disulfide	76	3.418	3.418	0.0	99	754055	30.0	
27 Acetonitrile	41	3.666	3.666	0.0	99	134635	143.2	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	100	665752	108.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.879	0.0	88	396831	40.1	
31 2-Methyl-2-propanol	59	4.199	4.187	0.012	87	533241	1223.2	
32 Acrylonitrile	53	4.305	4.305	0.0	96	380874	130.7	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	405250	41.7	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	94	901397	45.8	
35 Hexane	86	4.731	4.743	-0.012	96	99410	43.4	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	819167	44.0	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86		5.039					9
38 Isopropyl ether	87	5.074	5.074	0.0	95	315576	41.4	
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	268496	42.8	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	412822	42.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	284853	97.4	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	90	187229	43.5	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	114295	55.1	
49 Chloroform	83	6.033	6.033	0.0	85	657425	42.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	515402	42.9	
51 Cyclohexane	56	6.257	6.258	-0.001	95	969239	39.9	
53 Carbon tetrachloride	117	6.388	6.388	0.0	70	472859	39.6	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	84	522577	43.4	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	656004	3000.3	
55 Benzene	78	6.601	6.601	0.0	95	1392157	41.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	542828	45.1	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	92	396794	41.7	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	720243	38.9	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	373746	44.1	
65 Dibromomethane	93	7.559	7.559	0.0	86	169872	46.2	
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	323086	36.0	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	88	92972	40.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	325392	36.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	530051	97.8	
72 Toluene	91	8.411	8.411	0.0	97	1191134	38.5	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	246183	36.4	
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	197080	46.9	
77 Tetrachloroethene	164	8.884	8.885	-0.001	90	265546	37.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	326394	44.5	
78 2-Hexanone	43	8.979	8.979	0.0	98	226465	80.3	
132 n-Butyl acetate	43		9.085					
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	177649	38.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	188375	46.1	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	696676	34.4	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	86	283224	37.5	
84 Ethylbenzene	106	9.713	9.713	0.0	98	385779	35.3	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	931366	69.5	
85 o-Xylene	106	10.150	10.151	-0.001	95	494211	34.6	
86 Styrene	104	10.162	10.162	0.0	95	616070	33.6	
87 Bromoform	173	10.316	10.328	-0.012	95	82555	36.7	
88 Isopropylbenzene	105	10.458	10.458	0.0	95	1297064	33.6	
89 Cyclohexanone	55	10.541	10.541	0.0	91	224294	177.7	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	221115	48.3	
91 Bromobenzene	156	10.718	10.719	-0.001	93	259993	35.0	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	79	73285	48.1	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	63	125502	81.0	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	323825	36.0	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	273199	33.5	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	989156	34.6	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	247035	31.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	82	958233	34.9	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	933598	33.2	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	1222685	32.9	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	459099	28.5	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	92	1075192	33.2	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	442525	26.5	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	97	934852	34.1	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	775053	28.6	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	439664	28.2	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	72	31077	42.1	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	239801	21.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	139019	23.1	
111 Naphthalene	128	13.440	13.440	0.0	97	500189	26.5	
112 1,2,3-Trichlorobenzene	180	13.618	13.630	-0.012	93	201264	22.0	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	105938551	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	123086833	0	
S 137 Trihalomethanes, Total	1				0		153.3	
S 11 1,2-Dichloroethene, Total	96				0		83.9	
S 9 1,3-Dichloropropene, Total	75				0		73.1	
S 114 Xylenes, Total	106				0		104.0	

QC Flag Legend

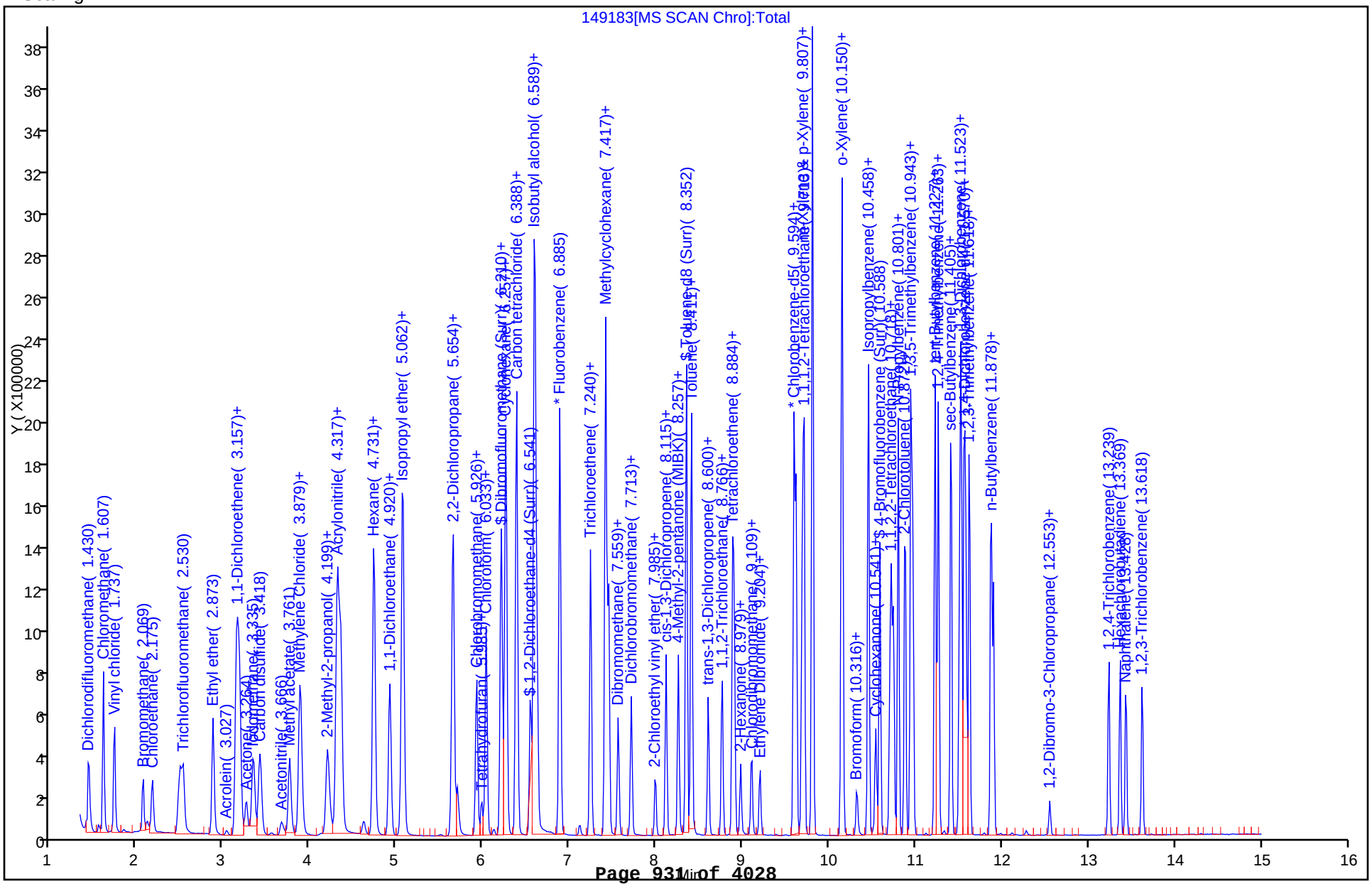
Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

Report Date: 16-Nov-2012 09:58:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149183.D		
Injection Date:	15-Nov-2012 15:56:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD | Lab Sample ID: 240-17422-6 MSD

Matrix: Solid | Lab File ID: 149187.D

Analysis Method: 8260B/DoD | Date Collected: 11/08/2012 11:00

Sample wt/vol: 4.691(g) | Date Analyzed: 11/15/2012 17:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.9 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	62.2		6.6	1.3	0.74
79-34-5	1,1,2,2-Tetrachloroethane	78.2		6.6	0.66	0.45
79-00-5	1,1,2-Trichloroethane	68.1		6.6	0.66	0.51
75-34-3	1,1-Dichloroethane	63.2		6.6	0.66	0.47
75-35-4	1,1-Dichloroethene	59.6		6.6	1.3	0.68
106-93-4	1,2-Dibromoethane	61.5		6.6	1.3	0.66
107-06-2	1,2-Dichloroethane	60.8		6.6	0.66	0.45
540-59-0	1,2-Dichloroethene, Total	112		13	1.3	1.0
78-87-5	1,2-Dichloropropane	61.3		6.6	1.3	0.91
78-93-3	2-Butanone (MEK)	137		26	2.6	1.8
591-78-6	2-Hexanone	134		26	1.3	0.83
108-10-1	4-Methyl-2-pentanone (MIBK)	153		26	1.3	0.71
67-64-1	Acetone	148		26	8.3	8.3
71-43-2	Benzene	56.9		6.6	0.66	0.30
74-97-5	Bromochloromethane	59.3		6.6	1.3	0.93
75-27-4	Bromodichloromethane	50.5		6.6	0.66	0.37
75-25-2	Bromoform	48.4		6.6	0.66	0.43
74-83-9	Bromomethane	48.1		6.6	1.3	0.71
75-15-0	Carbon disulfide	41.5		6.6	0.66	0.58
56-23-5	Carbon tetrachloride	57.0		6.6	0.66	0.49
108-90-7	Chlorobenzene	47.4	J	6.6	0.66	0.43
75-00-3	Chloroethane	46.3	J	6.6	1.3	1.1
67-66-3	Chloroform	58.5		6.6	0.66	0.38
74-87-3	Chloromethane	60.5		6.6	0.66	0.54
10061-01-5	cis-1,3-Dichloropropene	47.3		6.6	0.66	0.45
124-48-1	Dibromochloromethane	55.2		6.6	1.3	0.72
100-41-4	Ethylbenzene	51.7		6.6	0.66	0.34
1634-04-4	Methyl tert-butyl ether	62.0		6.6	0.66	0.57
75-09-2	Methylene Chloride	57.3		6.6	1.3	0.88
100-42-5	Styrene	44.0	J	6.6	0.66	0.20
127-18-4	Tetrachloroethene	55.8		6.6	1.3	0.68
108-88-3	Toluene	57.4		6.6	0.66	0.35
10061-02-6	trans-1,3-Dichloropropene	48.7		6.6	1.3	0.71
79-01-6	Trichloroethene	54.7		6.6	0.66	0.55
75-01-4	Vinyl chloride	56.8		6.6	0.66	0.51
1330-20-7	Xylenes, Total	151		13	2.0	0.88

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD Lab Sample ID: 240-17422-6 MSD

Matrix: Solid Lab File ID: 149187.D

Analysis Method: 8260B/DoD Date Collected: 11/08/2012 11:00

Sample wt/vol: 4.691(g) Date Analyzed: 11/15/2012 17:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.9 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
460-00-4	4-Bromofluorobenzene (Surr)	112		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
2037-26-5	Toluene-d8 (Surr)	103		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149187.D
Lims ID: 240-17422-H-6-A MSD Client ID: 073SS-0003M-0002-SO
Inject. Date: 15-Nov-2012 17:22:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-17422-h-6-a msd
Misc. Info.: 240-0014986-019 =240-0014986-019
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 65171 Lims Sample ID: 19
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: macenczaks Date: 16-Nov-2012 09:10:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1483905	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	790122	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	96	339732	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	87	361227	46.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	94	392804	46.3	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1218263	51.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	315867	56.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	350659	41.1	
13 Chloromethane	50	1.607	1.607	0.0	89	669012	46.0	
14 Vinyl chloride	62	1.737	1.737	0.0	84	492265	43.2	
15 Bromomethane	94	2.069	2.069	0.0	90	135981	36.6	
16 Chloroethane	64	2.175	2.187	-0.012	91	230632	35.2	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	453155	41.7	
19 Ethyl ether	59	2.873	2.873	0.0	97	355559	48.6	
25 Methylal	45		2.932					
20 Acrolein	56	3.039	3.027	0.012	76	12861	12.8	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	386943	45.4	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	393515	48.3	
22 Acetone	43	3.264	3.252	0.012	97	248872	112.7	
24 Iodomethane	142	3.347	3.347	0.0	99	534851	35.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	782612	31.6	
27 Acetonitrile	41	3.666	3.666	0.0	99	126513	136.6	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	100	601900	99.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.879	0.0	88	420200	43.6	
31 2-Methyl-2-propanol	59	4.199	4.187	0.012	87	474395	1104.6	
32 Acrylonitrile	53	4.305	4.305	0.0	98	365810	127.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	403061	42.1	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	913585	47.2	
35 Hexane	86	4.743	4.743	0.0	96	94416	41.9	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	882163	48.0	
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					9
38 Isopropyl ether	87	5.074	5.074	0.0	95	340766	45.4	
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	74	293442	47.5	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	412169	42.7	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	300558	104.4	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	88	191433	45.1	
48 Tetrahydrofuran	42	5.985	5.985	0.0	90	109830	53.7	
49 Chloroform	83	6.033	6.033	0.0	84	684947	44.5	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	559558	47.3	
51 Cyclohexane	56	6.258	6.258	0.0	95	1016965	42.4	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	510496	43.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	521713	44.0	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	652831	3030.8	
55 Benzene	78	6.601	6.601	0.0	95	1430616	43.3	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	548353	46.3	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					9
60 Trichloroethene	130	7.240	7.240	0.0	90	389786	41.6	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	717649	39.4	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	388998	46.6	
65 Dibromomethane	93	7.559	7.559	0.0	91	162775	44.9	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	340655	38.4	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	88	92703	40.8	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	314144	36.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	565463	116.0	
72 Toluene	91	8.411	8.411	0.0	91	1213783	43.7	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	225412	37.0	
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	195727	51.8	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	268638	42.4	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	322335	48.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	258808	102.0	
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	175408	42.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	171916	46.8	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	656608	36.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	292272	43.0	
84 Ethylbenzene	106	9.713	9.713	0.0	98	386855	39.4	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	918652	76.2	
85 o-Xylene	106	10.151	10.151	0.0	95	499116	38.8	
86 Styrene	104	10.162	10.162	0.0	95	550949	33.5	
87 Bromoform	173	10.316	10.328	-0.012	95	74415	36.8	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1297882	37.4	
89 Cyclohexanone	55	10.541	10.541	0.0	96	464201	409.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	201772	59.5	
91 Bromobenzene	156	10.719	10.719	-0.001	93	227237	41.2	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	81	66487	58.8	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	72	99882	86.9	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	308222	46.2	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	260328	43.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	961643	45.4	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	216776	37.4	
97 tert-Butylbenzene	119	11.227	11.227	0.0	86	947801	46.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	876894	42.0	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	1155663	42.0	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	85	380574	31.8	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	89	1014813	42.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	362621	29.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	90	881315	43.3	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	676931	33.7	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	350401	30.3	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	70	25746	46.7	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	95	145953	17.9	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	113880	25.6	
111 Naphthalene	128	13.440	13.440	0.0	97	268311	19.2	
112 1,2,3-Trichlorobenzene	180	13.618	13.630	-0.012	94	119470	17.6	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	106448971	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	121762984	0	
S 137 Trihalomethanes, Total	1				0		161.8	
S 11 1,2-Dichloroethene, Total	96				0		84.8	
S 9 1,3-Dichloropropene, Total	75				0		73.1	
S 114 Xylenes, Total	106				0		115.1	

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

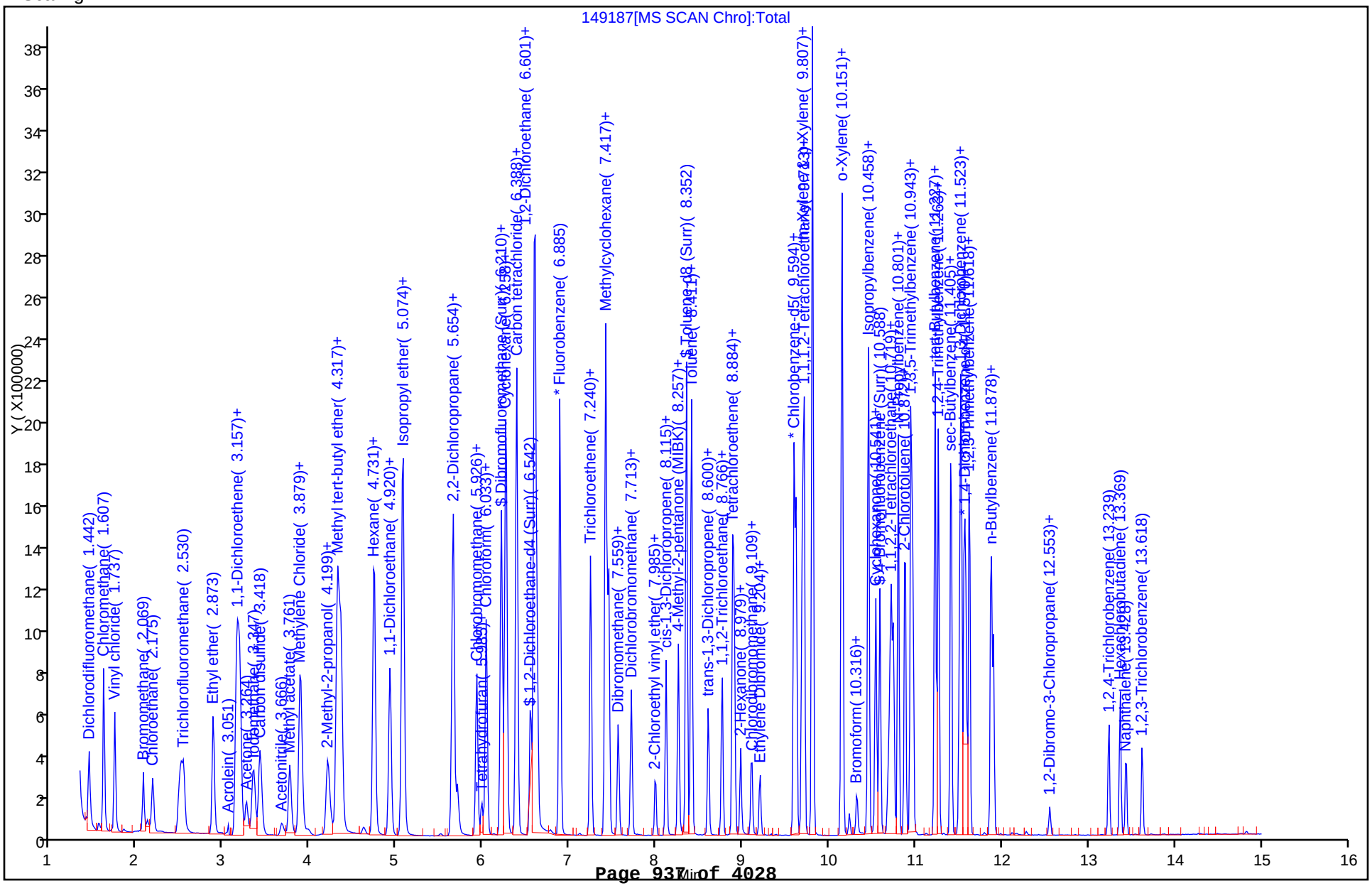
Report Date: 17-Nov-2012 10:21:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149187.D

Injection Date:	15-Nov-2012 17:22:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	19
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/12/2012 13:44

Analysis Batch Number: 64678 End Date: 11/12/2012 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64678/1		11/12/2012 13:44	1	BFB5043.D	DB-624 0.18(mm)
STD8260 240-64678/2 IC		11/12/2012 15:10	1	UXX0846.D	DB-624 0.18(mm)
STD8260 240-64678/3 IC		11/12/2012 15:33	1	UXX0847.D	DB-624 0.18(mm)
STD8260 240-64678/4 ICIS		11/12/2012 15:55	1	UXX0848.D	DB-624 0.18(mm)
STD8260 240-64678/5 IC		11/12/2012 16:17	1	UXX0849.D	DB-624 0.18(mm)
STD8260 240-64678/6 IC		11/12/2012 16:40	1	UXX0850.D	DB-624 0.18(mm)
STD8260 240-64678/7 IC		11/12/2012 17:02	1	UXX0851.D	DB-624 0.18(mm)
STDA9 240-64678/8 IC		11/12/2012 17:24	1	UXX0852.D	DB-624 0.18(mm)
STDA9 240-64678/9 IC		11/12/2012 17:46	1	UXX0853.D	DB-624 0.18(mm)
STDA9 240-64678/10 IC		11/12/2012 18:09	1	UXX0854.D	DB-624 0.18(mm)
STDA9 240-64678/11 IC		11/12/2012 18:31	1	UXX0855.D	DB-624 0.18(mm)
STDA9 240-64678/12 IC		11/12/2012 18:53	1	UXX0856.D	DB-624 0.18(mm)
STDA9 240-64678/13 IC		11/12/2012 19:16	1	UXX0857.D	DB-624 0.18(mm)
ICV 240-64678/14		11/12/2012 19:38	1	UXX0858.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/13/2012 10:58

Analysis Batch Number: 64831 End Date: 11/13/2012 15:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64831/1		11/13/2012 10:58	1	BFB5045.D	DB-624 0.18(mm)
CCV 240-64831/2		11/13/2012 11:25	1	UXX0862.D	DB-624 0.18(mm)
CCV 240-64831/3		11/13/2012 11:47	1	UXX0863.D	DB-624 0.18(mm)
LCS 240-64831/4		11/13/2012 12:10	1	UXX0864.D	DB-624 0.18(mm)
MRL 240-64831/5		11/13/2012 12:33	1	UXX0865.D	DB-624 0.18(mm)
MB 240-64831/6		11/13/2012 12:55	1	UXX0866.D	DB-624 0.18(mm)
ZZZZZ		11/13/2012 13:37	1		DB-624 0.18(mm)
ZZZZZ		11/13/2012 13:59	1		DB-624 0.18(mm)
240-17422-16	073SS-0006-0001-TB	11/13/2012 14:20	1	UXX0869.D	DB-624 0.18(mm)
ZZZZZ		11/13/2012 14:43	1		DB-624 0.18(mm)
ZZZZZ		11/13/2012 15:05	1		DB-624 0.18(mm)
MRL 240-64831/12		11/13/2012 15:27	1	UXX0872.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/13/2012 16:10

Analysis Batch Number: 64859 End Date: 11/14/2012 00:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64859/27		11/13/2012 16:10	1	BFB14279.D	DB-624 0.18(mm)
IC 240-64859/3		11/13/2012 16:53	1	149105.D	DB-624 0.18(mm)
IC 240-64859/4		11/13/2012 17:15	1	149106.D	DB-624 0.18(mm)
IC 240-64859/5		11/13/2012 17:36	1	149107.D	DB-624 0.18(mm)
ICIS 240-64859/6		11/13/2012 17:58	1	149108.D	DB-624 0.18(mm)
IC 240-64859/7		11/13/2012 18:19	1	149109.D	DB-624 0.18(mm)
IC 240-64859/8		11/13/2012 18:41	1	149110.D	DB-624 0.18(mm)
IC 240-64859/9		11/13/2012 19:02	1	149111.D	DB-624 0.18(mm)
IC 240-64859/10		11/13/2012 19:24	1	149112.D	DB-624 0.18(mm)
IC 240-64859/11		11/13/2012 19:45	1	149113.D	DB-624 0.18(mm)
IC 240-64859/12		11/13/2012 20:07	1		DB-624 0.18(mm)
IC 240-64859/13		11/13/2012 20:28	1		DB-624 0.18(mm)
IC 240-64859/14		11/13/2012 20:50	1		DB-624 0.18(mm)
IC 240-64859/15		11/13/2012 21:12	1		DB-624 0.18(mm)
IC 240-64859/16		11/13/2012 21:33	1		DB-624 0.18(mm)
IC 240-64859/17		11/13/2012 21:55	1		DB-624 0.18(mm)
IC 240-64859/18		11/13/2012 22:16	1		DB-624 0.18(mm)
IC 240-64859/19		11/13/2012 22:38	1		DB-624 0.18(mm)
IC 240-64859/20		11/13/2012 22:59	1		DB-624 0.18(mm)
ICV 240-64859/21		11/13/2012 23:21	1	149123.D	DB-624 0.18(mm)
ZZZZZ		11/13/2012 23:42	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 00:04	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 00:25	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 00:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/14/2012 11:52

Analysis Batch Number: 64980 End Date: 11/14/2012 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64980/1		11/14/2012 11:52	1	BFB14280.D	DB-624 0.18(mm)
CCV 240-64980/3		11/14/2012 12:35	1	149138.D	DB-624 0.18(mm)
CCV 240-64980/4		11/14/2012 12:57	1	149139.D	DB-624 0.18(mm)
MRL 240-64980/5		11/14/2012 13:18	1	149140.D	DB-624 0.18(mm)
LCS 240-64980/7		11/14/2012 14:01	1	149142.D	DB-624 0.18(mm)
MB 240-64980/8		11/14/2012 14:23	1	149143.D	DB-624 0.18(mm)
ZZZZZ		11/14/2012 17:58	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 18:41	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 19:02	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 19:24	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 19:45	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 20:07	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 20:29	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 20:50	1		DB-624 0.18(mm)
240-17422-1	076SS-0019M-0001-SO	11/14/2012 21:12	1	149162.D	DB-624 0.18(mm)
ZZZZZ		11/14/2012 21:33	1		DB-624 0.18(mm)
240-17422-3	076SS-0021M-0001-SO	11/14/2012 22:38	1	149166.D	DB-624 0.18(mm)
240-17422-5	073SS-0002M-0001-SO	11/14/2012 22:59	1	149167.D	DB-624 0.18(mm)
MRL 240-64980/33		11/14/2012 23:21	1	149168.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/15/2012 10:54

Analysis Batch Number: 65171 End Date: 11/15/2012 21:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-65171/1		11/15/2012 10:54	1	BFB14281.D	DB-624 0.18(mm)
CCV 240-65171/3		11/15/2012 11:37	1	149171.D	DB-624 0.18(mm)
CCV 240-65171/4		11/15/2012 11:58	1	149172.D	DB-624 0.18(mm)
MRL 240-65171/5		11/15/2012 12:20	1	149173.D	DB-624 0.18(mm)
LCS 240-65171/7		11/15/2012 13:03	1	149175.D	DB-624 0.18(mm)
MB 240-65171/8		11/15/2012 13:25	1	149176.D	DB-624 0.18(mm)
ZZZZZ		11/15/2012 14:08	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 14:30	1		DB-624 0.18(mm)
240-17422-2	076SS-0020M-0001-SO	11/15/2012 15:13	1	149181.D	DB-624 0.18(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/15/2012 15:34	1	149182.D	DB-624 0.18(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/15/2012 15:56	1	149183.D	DB-624 0.18(mm)
240-17422-6	073SS-0003M-0001-SO	11/15/2012 16:39	1	149185.D	DB-624 0.18(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/15/2012 17:01	1	149186.D	DB-624 0.18(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/15/2012 17:22	1	149187.D	DB-624 0.18(mm)
ZZZZZ		11/15/2012 17:44	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 18:05	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 18:27	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 18:48	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 19:10	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 19:31	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 19:53	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 20:36	1		DB-624 0.18(mm)
MRL 240-65171/29		11/15/2012 21:17	1	149197.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Batch Number: 64955 Batch Start Date: 11/14/12 10:45 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 11/14/12 11:53

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17422-B-1	076SS-0019M-0001-SO	5035, 8260B/DoD	T	+030.058 g	35.91 g	5.852 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-E-2	076SS-0020M-0001-SO	5035, 8260B/DoD	T	+029.890 g	35.53 g	5.64 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-G-2 MS	076SS-0020M-0001-SO	5035, 8260B/DoD	T	+030.003 g	35.47 g	5.467 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-I-2 MSD	076SS-0020M-0001-SO	5035, 8260B/DoD	T	+029.876 g	35.41 g	5.534 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-B-3	076SS-0021M-0001-SO	5035, 8260B/DoD	T	+029.925 g	35.44 g	5.515 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-B-5	073SS-0002M-0001-SO	5035, 8260B/DoD	T	+030.109 g	35.25 g	5.141 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-D-6	073SS-0003M-0001-SO	5035, 8260B/DoD	T	+030.455 g	34.54 g	4.085 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-A-6 MS	073SS-0003M-0001-SO	5035, 8260B/DoD	T	+029.884 g	34.80 g	4.916 g	5 mL	Preserved on 11/09/2012 @ 10:00	
240-17422-A-6 MSD	073SS-0003M-0001-SO	5035, 8260B/DoD	T	+029.999 g	34.69 g	4.691 g	5 mL	Preserved on 11/09/2012 @ 10:00	

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C DOD

Semivolatile Compounds (GC/MS) by Method 8270/DOD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
076SS-0019M-0001-SO	240-17422-1	60	68	62	65	75	73
076SS-0020M-0001-SO	240-17422-2	78	77	78	71	82	79
076SS-0021M-0001-SO	240-17422-3	77	79	75	72	86	79
073SS-0001M-0001-SO	240-17422-4	69	73	69	67	77	76
073SS-0002M-0001-SO	240-17422-5	60	64	61	59	75	68
073SS-0003M-0001-SO	240-17422-6	59	60	59	59	76	72
073SS-0005M-0001-SO	240-17422-8	65	76	77	68	74	77
068SD-0009-0001-SO	240-17422-9	65	67	59	60	73	68
068SD-00010-0001-SO	240-17422-10	79	80	77	69	84	77
068SD-00011-0001-SO	240-17422-11	62	64	56	55	62	62
068SD-00012-0001-SO	240-17422-12	63	66	59	59	71	67
	MB 240-65503/22-A	77	77	78	72	77	91
	MB 240-65764/23-A	70	72	69	64	69	86
	LCS 240-65503/23-A	69	74	69	68	76	78
	LCS 240-65764/24-A	69	70	69	64	79	82
076SS-0020M-0001-SO MS	240-17422-2 MS	64	68	61	63	84	80
073SS-0003M-0001-SO MS	240-17422-6 MS	61	66	57	59	73	69
068SD-0009-0001-SO MS	240-17422-9 MS	73	74	69	65	78	69
076SS-0020M-0001-SO MSD	240-17422-2 MSD	72	74	71	69	85	79
073SS-0003M-0001-SO MSD	240-17422-6 MSD	60	64	58	60	76	71
068SD-0009-0001-SO MSD	240-17422-9 MSD	68	72	70	66	79	76

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
076SW-0013-0001-SW	240-17422-13	76	78	71	70	75	66
076SW-0014-0001-SW	240-17422-14	67	71	66	64	68	66
076SW-0015-0001-SW	240-17422-15	73	76	69	69	77	72
	MB 240-64920/23-A	79	82	75	74	71	82
	LCS 240-64920/24-A	84	85	75	74	79	81
076SW-0013-0001-SW MS	240-17422-13 MS	80	79	73	73	81	75
076SW-0013-0001-SW MSD	240-17422-13 MSD	74	77	67	66	68	64

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	20-110
PHL = Phenol-d5 (Surr)	10-115
NBZ = Nitrobenzene-d5 (Surr)	40-110
FBP = 2-Fluorobiphenyl (Surr)	50-110
TBP = 2,4,6-Tribromophenol (Surr)	40-125
TPH = Terphenyl-d14 (Surr)	50-135

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
	MRL 240-66051/3	100	97	104 Q	97	106	101
	MRL 240-66051/13	103	104 Q	107 Q	99	113	101
	MRL 240-66246/3	101	104 Q	108 Q	100	107	102
	MRL 240-66246/17	104	107 Q	108 Q	100	112	102

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
	MRL 240-65294/3	97	100	93	100	95	101
	MRL 240-65294/19	99	94	92	98	99	100

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	70-130
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116005.D

Lab ID: LCS 240-64920/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	20.0	15.8	79	45-110	
Acenaphthylene	20.0	15.6	78	50-105	
Anthracene	20.0	15.2	76	55-110	
Benzo[a]anthracene	20.0	14.1	71	55-110	
Benzo[a]pyrene	20.0	12.1	61	55-110	
Benzo[b]fluoranthene	20.0	13.2	66	45-120	
Benzo[g,h,i]perylene	20.0	14.3	72	40-125	
Benzoic acid	20.0	11.2 J	56	0-125	
Benzo[k]fluoranthene	20.0	14.8	74	45-125	
Benzyl alcohol	20.0	16.7	84	30-110	
Bis(2-chloroethoxy)methane	20.0	15.7	78	45-105	
Bis(2-chloroethyl)ether	20.0	17.0	85	35-110	
bis (2-chloroisopropyl) ether	20.0	16.6	83	25-130	
Bis(2-ethylhexyl) phthalate	20.0	18.9	95	40-125	
4-Bromophenyl phenyl ether	20.0	15.8	79	50-115	
Butyl benzyl phthalate	20.0	14.6	73	45-115	
Carbazole	20.0	15.5	78	50-115	
4-Chloroaniline	20.0	13.0	65	15-110	
4-Chloro-3-methylphenol	20.0	16.1	80	45-110	
2-Chloronaphthalene	20.0	15.5	77	50-105	
2-Chlorophenol	20.0	16.9	84	35-105	
4-Chlorophenyl phenyl ether	20.0	15.4	77	50-110	
Chrysene	20.0	15.2	76	55-110	
Dibenz(a,h)anthracene	20.0	14.8	74	40-125	
Dibenzofuran	20.0	15.4	77	55-105	
1,4-Dichlorobenzene	20.0	16.2	81	30-100	
1,2-Dichlorobenzene	20.0	15.9	80	35-100	
1,3-Dichlorobenzene	20.0	15.5	78	30-100	
3,3'-Dichlorobenzidine	20.0	8.65	43	20-110	
2,4-Dichlorophenol	20.0	16.3	82	50-105	
Diethyl phthalate	20.0	15.8	79	40-120	
2,4-Dimethylphenol	20.0	11.7	59	30-110	
Dimethyl phthalate	20.0	15.8	79	25-125	
Di-n-butyl phthalate	20.0	15.6	78	55-115	
4,6-Dinitro-2-methylphenol	20.0	15.6	78	40-130	
2,4-Dinitrophenol	20.0	12.1	60	15-140	
2,4-Dinitrotoluene	20.0	16.5	83	50-120	
2,6-Dinitrotoluene	20.0	16.9	84	50-115	
Di-n-octyl phthalate	20.0	14.4	72	35-135	
Fluoranthene	20.0	15.8	79	55-115	
Fluorene	20.0	15.4	77	50-110	
Hexachlorobenzene	20.0	14.7	74	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116005.D

Lab ID: LCS 240-64920/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	20.0	14.2	71	25-105	
Hexachloroethane	20.0	15.3	76	30-95	
Indeno[1,2,3-cd]pyrene	20.0	14.5	72	45-125	
Isophorone	20.0	16.3	82	50-110	
2-Methylnaphthalene	20.0	15.8	79	45-105	
2-Methylphenol	20.0	16.6	83	40-110	
3 & 4 Methylphenol	40.0	33.4	84	30-110	
Naphthalene	20.0	15.8	79	40-100	
2-Nitroaniline	20.0	16.1	80	50-115	
3-Nitroaniline	20.0	14.8	74	20-125	
4-Nitroaniline	20.0	16.0	80	35-120	
Nitrobenzene	20.0	15.9	79	45-110	
2-Nitrophenol	20.0	16.3	81	40-115	
4-Nitrophenol	20.0	15.1	76	0-125	
N-Nitrosodi-n-propylamine	20.0	16.6	83	35-130	
N-Nitrosodiphenylamine	20.0	15.1	76	50-110	
Pentachlorophenol	20.0	10.5	52	40-115	
Phenanthrene	20.0	15.4	77	50-115	
Phenol	20.0	16.8	84	0-115	
Pyrene	20.0	14.5	73	50-130	
1,2,4-Trichlorobenzene	20.0	14.5	72	35-105	
2,4,5-Trichlorophenol	20.0	15.3	76	50-110	
2,4,6-Trichlorophenol	20.0	15.7	79	50-115	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21123007.D

Lab ID: LCS 240-65503/23-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	492	74	45-110	
Acenaphthylene	667	501	75	45-105	
Anthracene	667	523	78	55-105	
Benzo[a]anthracene	667	511	77	50-110	
Benzo[a]pyrene	667	461	69	50-110	
Benzo[b]fluoranthene	667	533	80	45-115	
Benzo[g,h,i]perylene	667	588	88	40-125	
Benzoic acid	667	330 U	25	0-110	
Benzo[k]fluoranthene	667	502	75	45-125	
Benzyl alcohol	667	488	73	20-125	
Bis(2-chloroethoxy)methane	667	466	70	45-110	
Bis(2-chloroethyl)ether	667	460	69	40-105	
bis (2-chloroisopropyl) ether	667	448	67	20-115	
Bis(2-ethylhexyl) phthalate	667	521	78	45-125	
4-Bromophenyl phenyl ether	667	549	82	45-115	
Butyl benzyl phthalate	667	522	78	50-125	
Carbazole	667	533	80	45-115	
4-Chloroaniline	667	361	54	10-110	
4-Chloro-3-methylphenol	667	531	80	45-115	
2-Chloronaphthalene	667	481	72	45-105	
2-Chlorophenol	667	466	70	45-105	
4-Chlorophenyl phenyl ether	667	518	78	45-110	
Chrysene	667	533	80	55-110	
Dibenz(a,h)anthracene	667	529	79	40-125	
Dibenzofuran	667	485	73	50-105	
1,4-Dichlorobenzene	667	433	65	35-105	
1,2-Dichlorobenzene	667	429	64	45-110	
1,3-Dichlorobenzene	667	415	62	40-100	
3,3'-Dichlorobenzidine	667	309	46	10-130	
2,4-Dichlorophenol	667	510	76	45-110	
Diethyl phthalate	667	535	80	50-115	
2,4-Dimethylphenol	667	379	57	30-105	
Dimethyl phthalate	667	535	80	50-110	
Di-n-butyl phthalate	667	558	84	55-110	
4,6-Dinitro-2-methylphenol	667	459	69	30-135	
2,4-Dinitrophenol	667	389	58	15-130	
2,4-Dinitrotoluene	667	536	80	50-115	
2,6-Dinitrotoluene	667	544	82	50-110	
Di-n-octyl phthalate	667	526	79	40-130	
Fluoranthene	667	545	82	55-115	
Fluorene	667	500	75	50-110	
Hexachlorobenzene	667	505	76	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21123007.D

Lab ID: LCS 240-65503/23-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	427	64	40-115	
Hexachloroethane	667	418	63	35-110	
Indeno[1,2,3-cd]pyrene	667	538	81	40-120	
Isophorone	667	499	75	45-110	
2-Methylnaphthalene	667	474	71	45-105	
2-Methylphenol	667	481	72	40-105	
3 & 4 Methylphenol	1330	997	75	40-105	
Naphthalene	667	449	67	40-105	
2-Nitroaniline	667	557	84	45-120	
3-Nitroaniline	667	478	72	25-110	
4-Nitroaniline	667	531	80	35-115	
Nitrobenzene	667	461	69	40-115	
2-Nitrophenol	667	512	77	40-110	
4-Nitrophenol	667	525	79	15-140	
N-Nitrosodi-n-propylamine	667	484	73	40-115	
N-Nitrosodiphenylamine	667	514	77	50-115	
Pentachlorophenol	667	372	56	25-120	
Phenanthrene	667	507	76	50-110	
Phenol	667	499	75	40-100	
Pyrene	667	494	74	45-125	
1,2,4-Trichlorobenzene	667	436	65	45-110	
2,4,5-Trichlorophenol	667	513	77	50-110	
2,4,6-Trichlorophenol	667	517	78	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126005.D

Lab ID: LCS 240-65764/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	459	69	45-110	
Acenaphthylene	667	458	69	45-105	
Anthracene	667	509	76	55-105	
Benzo[a]anthracene	667	498	75	50-110	
Benzo[a]pyrene	667	454	68	50-110	
Benzo[b]fluoranthene	667	528	79	45-115	
Benzo[g,h,i]perylene	667	540	81	40-125	
Benzoic acid	667	330 U	25	0-110	
Benzo[k]fluoranthene	667	498	75	45-125	
Benzyl alcohol	667	462	69	20-125	
Bis(2-chloroethoxy)methane	667	445	67	45-110	
Bis(2-chloroethyl)ether	667	436	65	40-105	
bis (2-chloroisopropyl) ether	667	450	68	20-115	
Bis(2-ethylhexyl) phthalate	667	513	77	45-125	
4-Bromophenyl phenyl ether	667	532	80	45-115	
Butyl benzyl phthalate	667	508	76	50-125	
Carbazole	667	522	78	45-115	
4-Chloroaniline	667	325	49	10-110	
4-Chloro-3-methylphenol	667	506	76	45-115	
2-Chloronaphthalene	667	447	67	45-105	
2-Chlorophenol	667	445	67	45-105	
4-Chlorophenyl phenyl ether	667	497	75	45-110	
Chrysene	667	525	79	55-110	
Dibenz(a,h)anthracene	667	501	75	40-125	
Dibenzofuran	667	453	68	50-105	
1,4-Dichlorobenzene	667	432	65	35-105	
1,2-Dichlorobenzene	667	440	66	45-110	
1,3-Dichlorobenzene	667	410	62	40-100	
3,3'-Dichlorobenzidine	667	332	50	10-130	
2,4-Dichlorophenol	667	479	72	45-110	
Diethyl phthalate	667	514	77	50-115	
2,4-Dimethylphenol	667	340	51	30-105	
Dimethyl phthalate	667	500	75	50-110	
Di-n-butyl phthalate	667	558	84	55-110	
4,6-Dinitro-2-methylphenol	667	469	70	30-135	
2,4-Dinitrophenol	667	441	66	15-130	
2,4-Dinitrotoluene	667	530	80	50-115	
2,6-Dinitrotoluene	667	512	77	50-110	
Di-n-octyl phthalate	667	505	76	40-130	
Fluoranthene	667	540	81	55-115	
Fluorene	667	476	71	50-110	
Hexachlorobenzene	667	511	77	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126005.D

Lab ID: LCS 240-65764/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	427	64	40-115	
Hexachloroethane	667	423	63	35-110	
Indeno[1,2,3-cd]pyrene	667	508	76	40-120	
Isophorone	667	482	72	45-110	
2-Methylnaphthalene	667	458	69	45-105	
2-Methylphenol	667	427	64	40-105	
3 & 4 Methylphenol	1330	909	68	40-105	
Naphthalene	667	446	67	40-105	
2-Nitroaniline	667	532	80	45-120	
3-Nitroaniline	667	488	73	25-110	
4-Nitroaniline	667	497	75	35-115	
Nitrobenzene	667	473	71	40-115	
2-Nitrophenol	667	487	73	40-110	
4-Nitrophenol	667	518	78	15-140	
N-Nitrosodi-n-propylamine	667	470	70	40-115	
N-Nitrosodiphenylamine	667	518	78	50-115	
Pentachlorophenol	667	395	59	25-120	
Phenanthrene	667	488	73	50-110	
Phenol	667	454	68	40-100	
Pyrene	667	488	73	45-125	
1,2,4-Trichlorobenzene	667	429	64	45-110	
2,4,5-Trichlorophenol	667	497	75	50-110	
2,4,6-Trichlorophenol	667	473	71	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116003.D

Lab ID: MRL 240-65294/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.99	100	70-130	
Acenaphthylene	5.00	5.05	101	70-130	
Anthracene	5.00	5.07	101	70-130	
Benzo[a]anthracene	5.00	4.84	97	70-130	
Benzo[a]pyrene	5.00	4.88	98	70-130	
Benzo[b]fluoranthene	5.00	4.78	96	70-130	
Benzo[g,h,i]perylene	5.00	4.82	96	70-130	
Benzoic acid	10.0	8.59	86	70-130	M
Benzo[k]fluoranthene	5.00	5.11	102	70-130	
Benzyl alcohol	5.00	4.88	98	70-130	
Bis(2-chloroethoxy)methane	5.00	4.96	99	70-130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70-130	
bis (2-chloroisopropyl) ether	5.00	4.84	97	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70-130	
4-Bromophenyl phenyl ether	5.00	5.08	102	70-130	
Butyl benzyl phthalate	5.00	4.99	100	70-130	
Carbazole	5.00	5.13	103	70-130	
4-Chloroaniline	5.00	4.91	98	70-130	
4-Chloro-3-methylphenol	5.00	4.90	98	70-130	
2-Chloronaphthalene	5.00	4.86	97	70-130	
2-Chlorophenol	5.00	5.12	102	70-130	
4-Chlorophenyl phenyl ether	5.00	4.91	98	70-130	
Chrysene	5.00	4.95	99	70-130	
Dibenz(a,h)anthracene	5.00	4.94	99	70-130	
Dibenzofuran	5.00	4.85	97	70-130	
1,4-Dichlorobenzene	5.00	5.10	102	70-130	
1,2-Dichlorobenzene	5.00	4.96	99	70-130	
1,3-Dichlorobenzene	5.00	5.01	100	70-130	
3,3'-Dichlorobenzidine	5.00	5.12	102	70-130	
2,4-Dichlorophenol	5.00	5.11	102	70-130	
Diethyl phthalate	5.00	4.79	96	70-130	
2,4-Dimethylphenol	5.00	4.91	98	70-130	
Dimethyl phthalate	5.00	4.84	97	70-130	
Di-n-butyl phthalate	5.00	5.10	102	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.99	100	70-130	
2,4-Dinitrophenol	10.0	8.37	84	70-130	
2,4-Dinitrotoluene	5.00	5.01	100	70-130	
2,6-Dinitrotoluene	5.00	5.12	102	70-130	
Di-n-octyl phthalate	5.00	4.99	100	70-130	
Fluoranthene	5.00	5.05	101	70-130	
Fluorene	5.00	4.82	96	70-130	
Hexachlorobenzene	5.00	5.16	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116003.D

Lab ID: MRL 240-65294/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Hexachlorobutadiene	5.00	5.01	100	70-130	
Hexachloroethane	5.00	5.01	100	70-130	
Indeno[1,2,3-cd]pyrene	5.00	4.84	97	70-130	
Isophorone	5.00	4.88	98	70-130	
2-Methylnaphthalene	5.00	5.05	101	70-130	
2-Methylphenol	5.00	4.99	100	70-130	
3 & 4 Methylphenol	5.00	5.05	101	70-130	
Naphthalene	5.00	5.01	100	70-130	
2-Nitroaniline	5.00	4.89	98	70-130	
3-Nitroaniline	5.00	5.02	100	70-130	
4-Nitroaniline	5.00	5.00	100	70-130	
Nitrobenzene	5.00	4.93	99	70-130	
2-Nitrophenol	5.00	4.96	99	70-130	
4-Nitrophenol	5.00	4.56	91	70-130	
N-Nitrosodi-n-propylamine	5.00	4.91	98	70-130	
N-Nitrosodiphenylamine	5.00	5.11	102	70-130	
Pentachlorophenol	10.0	8.19	82	70-130	
Phenanthrene	5.00	4.93	99	70-130	
Phenol	5.00	5.09	102	70-130	
Pyrene	5.00	5.06	101	70-130	
1,2,4-Trichlorobenzene	5.00	4.83	97	70-130	
2,4,5-Trichlorophenol	5.00	4.81	96	70-130	
2,4,6-Trichlorophenol	5.00	4.71	94	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116019.D

Lab ID: MRL 240-65294/19 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.93	99	70-130	
Acenaphthylene	5.00	4.98	100	70-130	
Anthracene	5.00	4.99	100	70-130	
Benzo[a]anthracene	5.00	4.76	95	70-130	
Benzo[a]pyrene	5.00	4.97	99	70-130	
Benzo[b]fluoranthene	5.00	4.67	93	70-130	
Benzo[g,h,i]perylene	5.00	4.66	93	70-130	
Benzoic acid	10.0	7.23	72	70-130	
Benzo[k]fluoranthene	5.00	5.40	108	70-130	
Benzyl alcohol	5.00	4.71	94	70-130	
Bis(2-chloroethoxy)methane	5.00	4.95	99	70-130	
Bis(2-chloroethyl)ether	5.00	4.98	100	70-130	
bis (2-chloroisopropyl) ether	5.00	4.89	98	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.79	96	70-130	
4-Bromophenyl phenyl ether	5.00	5.08	102	70-130	
Butyl benzyl phthalate	5.00	4.95	99	70-130	
Carbazole	5.00	4.97	99	70-130	
4-Chloroaniline	5.00	4.74	95	70-130	
4-Chloro-3-methylphenol	5.00	4.79	96	70-130	
2-Chloronaphthalene	5.00	4.88	98	70-130	
2-Chlorophenol	5.00	4.94	99	70-130	
4-Chlorophenyl phenyl ether	5.00	5.00	100	70-130	
Chrysene	5.00	4.88	98	70-130	
Dibenz(a,h)anthracene	5.00	5.23	105	70-130	
Dibenzofuran	5.00	4.71	94	70-130	
1,4-Dichlorobenzene	5.00	4.92	98	70-130	
1,2-Dichlorobenzene	5.00	4.98	100	70-130	
1,3-Dichlorobenzene	5.00	4.99	100	70-130	
3,3'-Dichlorobenzidine	5.00	4.93	99	70-130	
2,4-Dichlorophenol	5.00	4.97	99	70-130	
Diethyl phthalate	5.00	4.79	96	70-130	
2,4-Dimethylphenol	5.00	4.89	98	70-130	
Dimethyl phthalate	5.00	4.83	97	70-130	
Di-n-butyl phthalate	5.00	4.94	99	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.40	88	70-130	
2,4-Dinitrophenol	10.0	7.63	76	70-130	
2,4-Dinitrotoluene	5.00	5.02	100	70-130	
2,6-Dinitrotoluene	5.00	4.81	96	70-130	
Di-n-octyl phthalate	5.00	5.14	103	70-130	
Fluoranthene	5.00	5.00	100	70-130	
Fluorene	5.00	4.91	98	70-130	
Hexachlorobenzene	5.00	5.02	100	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116019.D

Lab ID: MRL 240-65294/19 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Hexachlorobutadiene	5.00	5.05	101	70-130	
Hexachloroethane	5.00	5.00	100	70-130	
Indeno[1,2,3-cd]pyrene	5.00	5.17	103	70-130	
Isophorone	5.00	4.84	97	70-130	
2-Methylnaphthalene	5.00	4.91	98	70-130	
2-Methylphenol	5.00	4.92	98	70-130	
3 & 4 Methylphenol	5.00	4.98	100	70-130	
Naphthalene	5.00	4.97	99	70-130	
2-Nitroaniline	5.00	4.66	93	70-130	
3-Nitroaniline	5.00	4.64	93	70-130	
4-Nitroaniline	5.00	4.78	96	70-130	
Nitrobenzene	5.00	4.86	97	70-130	
2-Nitrophenol	5.00	4.88	98	70-130	
4-Nitrophenol	5.00	4.00	80	70-130	
N-Nitrosodi-n-propylamine	5.00	4.82	96	70-130	
N-Nitrosodiphenylamine	5.00	4.88	98	70-130	
Pentachlorophenol	10.0	7.60	76	70-130	
Phenanthrene	5.00	4.88	98	70-130	
Phenol	5.00	4.76	95	70-130	
Pyrene	5.00	4.91	98	70-130	
1,2,4-Trichlorobenzene	5.00	5.05	101	70-130	
2,4,5-Trichlorophenol	5.00	4.60	92	70-130	
2,4,6-Trichlorophenol	5.00	4.72	94	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123003.D

Lab ID: MRL 240-66051/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.94	99	70-130	
Acenaphthylene	5.00	4.93	99	70-130	
Anthracene	5.00	5.01	100	70-130	
Benzo[a]anthracene	5.00	5.01	100	70-130	
Benzo[a]pyrene	5.00	5.16	103	70-130	
Benzo[b]fluoranthene	5.00	5.03	101	70-130	
Benzo[g,h,i]perylene	5.00	5.40	108	70-130	
Benzoic acid	10.0	8.86	89	70-130	
Benzo[k]fluoranthene	5.00	5.30	106	70-130	
Benzyl alcohol	5.00	4.88	98	70-130	
Bis(2-chloroethoxy)methane	5.00	5.01	100	70-130	
Bis(2-chloroethyl)ether	5.00	4.91	98	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.19	104	70-130	
4-Bromophenyl phenyl ether	5.00	5.06	101	70-130	
Butyl benzyl phthalate	5.00	5.09	102	70-130	
Carbazole	5.00	4.97	99	70-130	
4-Chloro-3-methylphenol	5.00	5.07	101	70-130	
2-Chloronaphthalene	5.00	4.85	97	70-130	
2-Chlorophenol	5.00	4.82	96	70-130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70-130	
Chrysene	5.00	4.95	99	70-130	
Dibenz(a,h)anthracene	5.00	4.89	98	70-130	
Dibenzofuran	5.00	4.80	96	70-130	
1,4-Dichlorobenzene	5.00	4.91	98	70-130	
1,2-Dichlorobenzene	5.00	4.84	97	70-130	
1,3-Dichlorobenzene	5.00	4.81	96	70-130	
3,3'-Dichlorobenzidine	5.00	5.12	102	70-130	
2,4-Dichlorophenol	5.00	5.14	103	70-130	
Diethyl phthalate	5.00	4.91	98	70-130	
2,4-Dimethylphenol	5.00	5.19	104	70-130	
Dimethyl phthalate	5.00	4.95	99	70-130	
Di-n-butyl phthalate	5.00	5.20	104	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.07	101	70-130	
2,4-Dinitrophenol	10.0	9.52	95	70-130	
2,4-Dinitrotoluene	5.00	5.07	101	70-130	
2,6-Dinitrotoluene	5.00	5.13	103	70-130	
Di-n-octyl phthalate	5.00	5.20	104	70-130	
Fluoranthene	5.00	5.14	103	70-130	
Fluorene	5.00	4.96	99	70-130	
Hexachlorobenzene	5.00	5.13	103	70-130	
Hexachlorobutadiene	5.00	4.91	98	70-130	
Hexachloroethane	5.00	4.93	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123003.D

Lab ID: MRL 240-66051/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70-130	
Isophorone	5.00	5.11	102	70-130	
2-Methylnaphthalene	5.00	4.96	99	70-130	
2-Methylphenol	5.00	4.98	100	70-130	
3 & 4 Methylphenol	5.00	4.90	98	70-130	
Naphthalene	5.00	4.87	97	70-130	
2-Nitroaniline	5.00	5.46	109	70-130	
3-Nitroaniline	5.00	5.23	105	70-130	
4-Nitroaniline	5.00	5.06	101	70-130	
Nitrobenzene	5.00	5.19	104	70-130	
2-Nitrophenol	5.00	5.38	108	70-130	
4-Nitrophenol	5.00	5.22	104	70-130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70-130	
N-Nitrosodiphenylamine	5.00	5.01	100	70-130	
Pentachlorophenol	10.0	9.75	98	70-130	
Phenanthrene	5.00	4.95	99	70-130	
Phenol	5.00	4.88	98	70-130	
Pyrene	5.00	4.97	99	70-130	
1,2,4-Trichlorobenzene	5.00	5.00	100	70-130	
2,4,5-Trichlorophenol	5.00	5.12	102	70-130	
2,4,6-Trichlorophenol	5.00	5.24	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123013.D

Lab ID: MRL 240-66051/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.03	101	70-130	
Acenaphthylene	5.00	5.02	100	70-130	
Anthracene	5.00	5.00	100	70-130	
Benzo[a]anthracene	5.00	5.21	104	70-130	
Benzo[a]pyrene	5.00	5.05	101	70-130	
Benzo[b]fluoranthene	5.00	5.31	106	70-130	
Benzo[g,h,i]perylene	5.00	4.59	92	70-130	
Benzoic acid	10.0	10.3	103	70-130	
Benzo[k]fluoranthene	5.00	4.90	98	70-130	
Benzyl alcohol	5.00	5.10	102	70-130	
Bis(2-chloroethoxy)methane	5.00	4.99	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.03	101	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.36	107	70-130	
4-Bromophenyl phenyl ether	5.00	5.01	100	70-130	
Butyl benzyl phthalate	5.00	5.37	107	70-130	
Carbazole	5.00	4.91	98	70-130	
4-Chloro-3-methylphenol	5.00	5.40	108	70-130	
2-Chloronaphthalene	5.00	4.97	99	70-130	
2-Chlorophenol	5.00	5.12	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.14	103	70-130	
Chrysene	5.00	5.08	102	70-130	
Dibenz(a,h)anthracene	5.00	4.66	93	70-130	
Dibenzofuran	5.00	4.99	100	70-130	
1,4-Dichlorobenzene	5.00	5.00	100	70-130	
1,2-Dichlorobenzene	5.00	5.07	101	70-130	
1,3-Dichlorobenzene	5.00	4.94	99	70-130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70-130	
2,4-Dichlorophenol	5.00	5.12	102	70-130	
Diethyl phthalate	5.00	5.22	104	70-130	
2,4-Dimethylphenol	5.00	5.12	102	70-130	
Dimethyl phthalate	5.00	5.19	104	70-130	
Di-n-butyl phthalate	5.00	5.14	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.24	85	70-130	
2,4-Dinitrophenol	10.0	8.11	81	70-130	
2,4-Dinitrotoluene	5.00	5.46	109	70-130	
2,6-Dinitrotoluene	5.00	5.33	107	70-130	
Di-n-octyl phthalate	5.00	5.40	108	70-130	
Fluoranthene	5.00	5.10	102	70-130	
Fluorene	5.00	5.04	101	70-130	
Hexachlorobenzene	5.00	4.97	99	70-130	
Hexachlorobutadiene	5.00	5.08	102	70-130	
Hexachloroethane	5.00	4.90	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123013.D

Lab ID: MRL 240-66051/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.66	93	70-130	
Isophorone	5.00	5.36	107	70-130	
2-Methylnaphthalene	5.00	4.90	98	70-130	
2-Methylphenol	5.00	5.08	102	70-130	
3 & 4 Methylphenol	5.00	5.17	103	70-130	
Naphthalene	5.00	5.01	100	70-130	
2-Nitroaniline	5.00	5.54	111	70-130	
3-Nitroaniline	5.00	5.54	111	70-130	
4-Nitroaniline	5.00	5.47	109	70-130	
Nitrobenzene	5.00	5.23	105	70-130	
2-Nitrophenol	5.00	5.43	109	70-130	
4-Nitrophenol	5.00	5.32	106	70-130	
N-Nitrosodi-n-propylamine	5.00	5.43	109	70-130	
N-Nitrosodiphenylamine	5.00	4.89	98	70-130	
Pentachlorophenol	10.0	9.97	100	70-130	
Phenanthrene	5.00	4.72	94	70-130	
Phenol	5.00	5.28	106	70-130	
Pyrene	5.00	4.96	99	70-130	
1,2,4-Trichlorobenzene	5.00	5.26	105	70-130	
2,4,5-Trichlorophenol	5.00	5.55	111	70-130	
2,4,6-Trichlorophenol	5.00	5.55	111	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21126003.D

Lab ID: MRL 240-66246/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.04	101	70-130	
Acenaphthylene	5.00	4.94	99	70-130	
Anthracene	5.00	5.03	101	70-130	
Benzo[a]anthracene	5.00	5.09	102	70-130	
Benzo[a]pyrene	5.00	5.08	102	70-130	
Benzo[b]fluoranthene	5.00	5.13	103	70-130	
Benzo[g,h,i]perylene	5.00	5.51	110	70-130	
Benzoic acid	10.0	9.15	92	70-130	
Benzo[k]fluoranthene	5.00	5.49	110	70-130	
Benzyl alcohol	5.00	5.15	103	70-130	
Bis(2-chloroethoxy)methane	5.00	5.14	103	70-130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.16	103	70-130	
4-Bromophenyl phenyl ether	5.00	5.27	105	70-130	
Butyl benzyl phthalate	5.00	5.11	102	70-130	
Carbazole	5.00	5.12	102	70-130	
4-Chloro-3-methylphenol	5.00	5.13	103	70-130	
2-Chloronaphthalene	5.00	4.85	97	70-130	
2-Chlorophenol	5.00	5.11	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.10	102	70-130	
Chrysene	5.00	5.02	100	70-130	
Dibenz(a,h)anthracene	5.00	4.99	100	70-130	
Dibenzofuran	5.00	4.90	98	70-130	
1,4-Dichlorobenzene	5.00	5.11	102	70-130	
1,2-Dichlorobenzene	5.00	5.09	102	70-130	
1,3-Dichlorobenzene	5.00	5.17	103	70-130	
3,3'-Dichlorobenzidine	5.00	5.04	101	70-130	
2,4-Dichlorophenol	5.00	5.22	104	70-130	
Diethyl phthalate	5.00	5.07	101	70-130	
2,4-Dimethylphenol	5.00	5.22	104	70-130	
Dimethyl phthalate	5.00	5.05	101	70-130	
Di-n-butyl phthalate	5.00	5.12	102	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.08	102	70-130	
2,4-Dinitrophenol	10.0	10.1	101	70-130	
2,4-Dinitrotoluene	5.00	5.18	104	70-130	
2,6-Dinitrotoluene	5.00	4.98	100	70-130	
Di-n-octyl phthalate	5.00	4.99	100	70-130	
Fluoranthene	5.00	5.19	104	70-130	
Fluorene	5.00	4.95	99	70-130	
Hexachlorobenzene	5.00	5.12	102	70-130	
Hexachlorobutadiene	5.00	5.14	103	70-130	
Hexachloroethane	5.00	5.07	101	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21126003.D

Lab ID: MRL 240-66246/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.15	103	70-130	
Isophorone	5.00	5.17	103	70-130	
2-Methylnaphthalene	5.00	5.02	100	70-130	
2-Methylphenol	5.00	5.17	103	70-130	
3 & 4 Methylphenol	5.00	5.01	100	70-130	
Naphthalene	5.00	5.07	101	70-130	
2-Nitroaniline	5.00	5.35	107	70-130	
3-Nitroaniline	5.00	5.39	108	70-130	
4-Nitroaniline	5.00	5.01	100	70-130	
Nitrobenzene	5.00	5.43	109	70-130	
2-Nitrophenol	5.00	5.30	106	70-130	
4-Nitrophenol	5.00	5.03	101	70-130	
N-Nitrosodi-n-propylamine	5.00	5.18	104	70-130	
N-Nitrosodiphenylamine	5.00	5.04	101	70-130	
Pentachlorophenol	10.0	10.1	101	70-130	
Phenanthrene	5.00	4.88	98	70-130	
Phenol	5.00	5.18	104	70-130	
Pyrene	5.00	4.96	99	70-130	
1,2,4-Trichlorobenzene	5.00	5.18	104	70-130	
2,4,5-Trichlorophenol	5.00	5.44	109	70-130	
2,4,6-Trichlorophenol	5.00	5.23	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21126017.D

Lab ID: MRL 240-66246/17 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.09	102	70-130	
Acenaphthylene	5.00	5.09	102	70-130	
Anthracene	5.00	5.19	104	70-130	
Benzo[a]anthracene	5.00	5.26	105	70-130	
Benzo[a]pyrene	5.00	5.12	102	70-130	
Benzo[b]fluoranthene	5.00	6.08	122	70-130	
Benzo[g,h,i]perylene	5.00	2.92	58	70-130	^
Benzoic acid	10.0	10.1	101	70-130	
Benzo[k]fluoranthene	5.00	5.66	113	70-130	
Benzyl alcohol	5.00	5.35	107	70-130	
Bis(2-chloroethoxy)methane	5.00	5.06	101	70-130	
Bis(2-chloroethyl)ether	5.00	5.16	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.35	107	70-130	
4-Bromophenyl phenyl ether	5.00	5.21	104	70-130	
Butyl benzyl phthalate	5.00	5.38	108	70-130	
Carbazole	5.00	5.16	103	70-130	
4-Chloro-3-methylphenol	5.00	5.53	111	70-130	
2-Chloronaphthalene	5.00	4.98	100	70-130	
2-Chlorophenol	5.00	5.24	105	70-130	
4-Chlorophenyl phenyl ether	5.00	5.30	106	70-130	
Chrysene	5.00	5.00	100	70-130	
Dibenz(a,h)anthracene	5.00	3.26	65	70-130	^
Dibenzofuran	5.00	5.06	101	70-130	
1,4-Dichlorobenzene	5.00	5.09	102	70-130	
1,2-Dichlorobenzene	5.00	5.15	103	70-130	
1,3-Dichlorobenzene	5.00	5.11	102	70-130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70-130	
2,4-Dichlorophenol	5.00	5.35	107	70-130	
Diethyl phthalate	5.00	5.23	105	70-130	
2,4-Dimethylphenol	5.00	5.47	109	70-130	
Dimethyl phthalate	5.00	5.26	105	70-130	
Di-n-butyl phthalate	5.00	5.29	106	70-130	
4,6-Dinitro-2-methylphenol	5.00	3.59	72	70-130	
2,4-Dinitrophenol	10.0	6.79	68	70-130	^
2,4-Dinitrotoluene	5.00	5.64	113	70-130	
2,6-Dinitrotoluene	5.00	5.50	110	70-130	
Di-n-octyl phthalate	5.00	7.54	151	70-130	^
Fluoranthene	5.00	5.25	105	70-130	
Fluorene	5.00	5.17	103	70-130	
Hexachlorobenzene	5.00	5.18	104	70-130	
Hexachlorobutadiene	5.00	5.02	100	70-130	
Hexachloroethane	5.00	3.63	73	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21126017.D

Lab ID: MRL 240-66246/17 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	3.28	66	70-130	^
Isophorone	5.00	5.43	109	70-130	
2-Methylnaphthalene	5.00	5.18	104	70-130	
2-Methylphenol	5.00	5.37	107	70-130	
3 & 4 Methylphenol	5.00	5.20	104	70-130	
Naphthalene	5.00	5.15	103	70-130	
2-Nitroaniline	5.00	5.74	115	70-130	
3-Nitroaniline	5.00	5.72	114	70-130	
4-Nitroaniline	5.00	5.32	106	70-130	
Nitrobenzene	5.00	5.29	106	70-130	
2-Nitrophenol	5.00	5.70	114	70-130	
4-Nitrophenol	5.00	5.14	103	70-130	
N-Nitrosodi-n-propylamine	5.00	5.54	111	70-130	
N-Nitrosodiphenylamine	5.00	5.06	101	70-130	
Pentachlorophenol	10.0	9.94	99	70-130	
Phenanthrene	5.00	4.96	99	70-130	
Phenol	5.00	5.36	107	70-130	
Pyrene	5.00	5.05	101	70-130	
1,2,4-Trichlorobenzene	5.00	5.10	102	70-130	
2,4,5-Trichlorophenol	5.00	5.48	110	70-130	
2,4,6-Trichlorophenol	5.00	5.47	109	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21123009.D

Lab ID: 240-17422-2 MS Client ID: 076SS-0020M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	674	3.3 U	460	68	45-110	
Acenaphthylene	674	3.3 U	467	69	45-105	
Anthracene	674	3.3 U	508	75	55-105	
Benzo[a]anthracene	674	3.3 U	535	79	50-110	
Benzo[a]pyrene	674	19	456	65	50-110	
Benzo[b]fluoranthene	674	19	534	76	45-115	
Benzo[g,h,i]perylene	674	10	489	71	40-125	
Benzoic acid	674	330 U	340 U	0	0-110	
Benzo[k]fluoranthene	674	9.7	486	71	45-125	
Benzyl alcohol	674	27 U	449	67	20-125	
Bis(2-chloroethoxy)methane	674	27 U	417	62	45-110	
Bis(2-chloroethyl)ether	674	3.3 U	386	57	40-105	
bis (2-chloroisopropyl) ether	674	27 U	399	59	20-115	
Bis(2-ethylhexyl) phthalate	674	36 J	569	79	45-125	
4-Bromophenyl phenyl ether	674	27 U	510	76	45-115	
Butyl benzyl phthalate	674	27 U	537	80	50-125	
Carbazole	674	27 U	479	71	45-115	
4-Chloroaniline	674	27 U	33.9 J	5	10-95	J
4-Chloro-3-methylphenol	674	27 U	531	79	45-115	
2-Chloronaphthalene	674	3.3 U	434	64	45-105	
2-Chlorophenol	674	27 U	425	63	45-105	
4-Chlorophenyl phenyl ether	674	27 U	511	76	45-110	
Chrysene	674	3.3 U	553	82	55-110	
Dibenz(a,h)anthracene	674	3.3 U	463	69	40-125	
Dibenzofuran	674	7.0 J	468	68	50-105	
1,4-Dichlorobenzene	674	33 J	368	50	35-105	
1,2-Dichlorobenzene	674	27 U	351	52	45-95	
1,3-Dichlorobenzene	674	27 U	331	49	40-100	
3,3'-Dichlorobenzidine	674	79 U	81 U	0	10-130	J
2,4-Dichlorophenol	674	27 U	482	71	45-110	
Diethyl phthalate	674	21 J	531	76	50-115	
2,4-Dimethylphenol	674	79 U	378	56	30-105	
Dimethyl phthalate	674	27 U	513	76	50-110	
Di-n-butyl phthalate	674	16 J	558	80	55-110	
4,6-Dinitro-2-methylphenol	674	79 U	414	61	30-135	
2,4-Dinitrophenol	674	79 U	431	64	15-130	
2,4-Dinitrotoluene	674	27 U	529	78	50-115	
2,6-Dinitrotoluene	674	27 U	526	78	50-110	
Di-n-octyl phthalate	674	27 U	546	81	40-130	
Fluoranthene	674	28	547	77	55-115	
Fluorene	674	4.7 J	498	73	50-110	
Hexachlorobenzene	674	3.3 U	495	73	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21123009.D

Lab ID: 240-17422-2 MS Client ID: 076SS-0020M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	674	27 U	379	56	40-115	
Hexachloroethane	674	27 U	350	52	35-110	
Indeno[1,2,3-cd]pyrene	674	13	470	68	40-120	
Isophorone	674	20 J	470	67	45-110	
2-Methylnaphthalene	674	18	435	62	45-105	
2-Methylphenol	674	79 U	432	64	40-105	
3 & 4 Methylphenol	1350	79 U	918	68	40-105	
Naphthalene	674	20	409	58	40-105	
2-Nitroaniline	674	27 U	545	81	45-120	
3-Nitroaniline	674	79 U	56.2 J	8	25-110	J
4-Nitroaniline	674	27 U	131 J	19	35-115	J
Nitrobenzene	674	3.3 U	410	61	40-115	
2-Nitrophenol	674	27 U	445	66	40-110	
4-Nitrophenol	674	79 U	528	78	15-140	
N-Nitrosodi-n-propylamine	674	27 U	437	65	40-115	
N-Nitrosodiphenylamine	674	27 U	477	71	50-115	
Pentachlorophenol	674	79 U	559	83	25-120	
Phenanthrene	674	22	510	72	50-110	
Phenol	674	27 U	451	67	40-100	
Pyrene	674	19	502	72	45-125	
1,2,4-Trichlorobenzene	674	27 U	376	56	45-110	
2,4,5-Trichlorophenol	674	27 U	535	79	50-110	
2,4,6-Trichlorophenol	674	79 U	532	79	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126007.D

Lab ID: 240-17422-6 MS Client ID: 073SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	660	3.3 U	428	65	45-110	
Acenaphthylene	660	6.6 J	438	65	45-105	
Anthracene	660	16	474	69	55-105	
Benzo[a]anthracene	660	57	503	68	50-110	
Benzo[a]pyrene	660	65	464	60	50-110	
Benzo[b]fluoranthene	660	110	553	68	45-115	
Benzo[g,h,i]perylene	660	47	444	60	40-125	
Benzoic acid	660	340 U	330 U	0	0-110	
Benzo[k]fluoranthene	660	29	490	70	45-125	
Benzyl alcohol	660	27 U	445	67	20-125	
Bis(2-chloroethoxy)methane	660	27 U	387	59	45-110	
Bis(2-chloroethyl)ether	660	3.3 U	382	58	40-105	
bis (2-chloroisopropyl) ether	660	27 U	381	58	20-115	
Bis(2-ethylhexyl) phthalate	660	34 J	491	69	45-125	
4-Bromophenyl phenyl ether	660	27 U	474	72	45-115	
Butyl benzyl phthalate	660	27 U	469	71	50-125	
Carbazole	660	27 U	456	69	45-115	
4-Chloroaniline	660	27 U	160	24	10-95	
4-Chloro-3-methylphenol	660	27 U	494	75	45-115	
2-Chloronaphthalene	660	3.3 U	407	62	45-105	
2-Chlorophenol	660	27 U	393	60	45-105	
4-Chlorophenyl phenyl ether	660	27 U	453	69	45-110	
Chrysene	660	71	538	71	55-110	
Dibenz(a,h)anthracene	660	3.3 U	412	62	40-125	
Dibenzofuran	660	15 J	434	63	50-105	
1,4-Dichlorobenzene	660	27 U	376	57	35-105	
1,2-Dichlorobenzene	660	27 U	353	54	45-95	
1,3-Dichlorobenzene	660	27 U	335	51	40-100	
3,3'-Dichlorobenzidine	660	81 U	79 U	0	10-130	J
2,4-Dichlorophenol	660	27 U	463	70	45-110	
Diethyl phthalate	660	27 U	468	71	50-115	
2,4-Dimethylphenol	660	81 U	414	63	30-105	
Dimethyl phthalate	660	27 U	463	70	50-110	
Di-n-butyl phthalate	660	27 U	509	77	55-110	
4,6-Dinitro-2-methylphenol	660	81 U	370	56	30-135	
2,4-Dinitrophenol	660	81 U	263 J	40	15-130	
2,4-Dinitrotoluene	660	27 U	470	71	50-115	
2,6-Dinitrotoluene	660	27 U	483	73	50-110	
Di-n-octyl phthalate	660	27 U	491	74	40-130	
Fluoranthene	660	120	596	73	55-115	
Fluorene	660	8.5	443	66	50-110	
Hexachlorobenzene	660	3.3 U	454	69	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126007.D

Lab ID: 240-17422-6 MS Client ID: 073SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	660	27 U	354	54	40-115	
Hexachloroethane	660	27 U	307	47	35-110	
Indeno[1,2,3-cd]pyrene	660	46	440	60	40-120	
Isophorone	660	27 U	426	65	45-110	
2-Methylnaphthalene	660	62	479	63	45-105	
2-Methylphenol	660	81 U	434	66	40-105	
3 & 4 Methylphenol	1320	81 U	931	71	40-105	
Naphthalene	660	49	422	56	40-105	
2-Nitroaniline	660	27 U	480	73	45-120	
3-Nitroaniline	660	81 U	183 J	28	25-110	
4-Nitroaniline	660	27 U	211	32	35-115	J
Nitrobenzene	660	3.3 U	377	57	40-115	
2-Nitrophenol	660	27 U	410	62	40-110	
4-Nitrophenol	660	81 U	471	71	15-140	
N-Nitrosodi-n-propylamine	660	27 U	414	63	40-115	
N-Nitrosodiphenylamine	660	27 U	487	74	50-115	
Pentachlorophenol	660	81 U	457	69	25-120	
Phenanthrene	660	71	515	67	50-110	
Phenol	660	27 U	458	69	40-100	
Pyrene	660	88	509	64	45-125	
1,2,4-Trichlorobenzene	660	27 U	348	53	45-110	
2,4,5-Trichlorophenol	660	27 U	464	70	50-110	
2,4,6-Trichlorophenol	660	81 U	466	71	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126010.D

Lab ID: 240-17422-9 MS Client ID: 068SD-0009-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	672	3.3 U	474	71	45-110	
Acenaphthylene	672	3.3 U	467	70	45-105	
Anthracene	672	3.3 J	492	73	55-105	
Benzo[a]anthracene	672	16	480	69	50-110	
Benzo[a]pyrene	672	26	417	58	50-110	
Benzo[b]fluoranthene	672	46	498	67	45-115	
Benzo[g,h,i]perylene	672	16	329	47	40-125	
Benzoic acid	672	330 U	340 U	0	0-110	
Benzo[k]fluoranthene	672	12	477	69	45-125	
Benzyl alcohol	672	27 U	492	73	20-125	
Bis(2-chloroethoxy)methane	672	27 U	462	69	45-110	
Bis(2-chloroethyl)ether	672	3.3 U	460	68	40-105	
bis (2-chloroisopropyl) ether	672	27 U	456	68	20-115	
Bis(2-ethylhexyl) phthalate	672	38 J	502	69	45-125	
4-Bromophenyl phenyl ether	672	27 U	507	75	45-115	
Butyl benzyl phthalate	672	27 U	489	73	50-125	
Carbazole	672	27 U	479	71	45-115	
4-Chloroaniline	672	27 U	63.4 J	9	10-95	J
4-Chloro-3-methylphenol	672	27 U	535	80	45-115	
2-Chloronaphthalene	672	3.3 U	458	68	45-105	
2-Chlorophenol	672	27 U	472	70	45-105	
4-Chlorophenyl phenyl ether	672	27 U	485	72	45-110	
Chrysene	672	28	504	71	55-110	
Dibenz(a,h)anthracene	672	3.3 U	330	49	40-125	
Dibenzofuran	672	3.3 U	476	71	50-105	
1,4-Dichlorobenzene	672	27 U	456	68	35-105	
1,2-Dichlorobenzene	672	27 U	435	65	45-95	
1,3-Dichlorobenzene	672	27 U	422	63	40-100	
3,3'-Dichlorobenzidine	672	79 U	81 U	0	10-130	J
2,4-Dichlorophenol	672	27 U	509	76	45-110	
Diethyl phthalate	672	27 U	506	75	50-115	
2,4-Dimethylphenol	672	79 U	440	66	30-105	
Dimethyl phthalate	672	27 U	504	75	50-110	
Di-n-butyl phthalate	672	27 U	527	78	55-110	
4,6-Dinitro-2-methylphenol	672	79 U	375	56	30-135	
2,4-Dinitrophenol	672	79 U	361	54	15-130	
2,4-Dinitrotoluene	672	27 U	511	76	50-115	
2,6-Dinitrotoluene	672	27 U	501	75	50-110	
Di-n-octyl phthalate	672	27 U	532	79	40-130	
Fluoranthene	672	38	544	75	55-115	
Fluorene	672	3.3 U	484	72	50-110	
Hexachlorobenzene	672	3.3 U	493	73	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126010.D

Lab ID: 240-17422-9 MS Client ID: 068SD-0009-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	672	27 U	436	65	40-115	
Hexachloroethane	672	27 U	273	41	35-110	
Indeno[1,2,3-cd]pyrene	672	17	343	48	40-120	
Isophorone	672	27 U	513	76	45-110	
2-Methylnaphthalene	672	13	488	71	45-105	
2-Methylphenol	672	79 U	480	71	40-105	
3 & 4 Methylphenol	1340	79 U	992	74	40-105	
Naphthalene	672	11	472	69	40-105	
2-Nitroaniline	672	27 U	520	77	45-120	
3-Nitroaniline	672	79 U	58.6 J	9	25-110	J
4-Nitroaniline	672	27 U	142 J	21	35-115	J
Nitrobenzene	672	3.3 U	459	68	40-115	
2-Nitrophenol	672	27 U	505	75	40-110	
4-Nitrophenol	672	79 U	501	75	15-140	
N-Nitrosodi-n-propylamine	672	27 U	505	75	40-115	
N-Nitrosodiphenylamine	672	27 U	475	71	50-115	
Pentachlorophenol	672	79 U	504	75	25-120	
Phenanthrene	672	22	499	71	50-110	
Phenol	672	27 U	504	75	40-100	
Pyrene	672	28	458	64	45-125	
1,2,4-Trichlorobenzene	672	27 U	439	65	45-110	
2,4,5-Trichlorophenol	672	27 U	511	76	50-110	
2,4,6-Trichlorophenol	672	79 U	509	76	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116009.D

Lab ID: 240-17422-13 MS Client ID: 076SW-0013-0001-SW MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acenaphthene	19.0	0.095 U	14.4	76	45-110	
Acenaphthylene	19.0	0.095 U	14.1	74	50-105	
Anthracene	19.0	0.095 U	12.8	67	55-110	
Benzo[a]anthracene	19.0	0.095 U	12.7	67	55-110	
Benzo[a]pyrene	19.0	0.095 U	10.2	54	55-110	J
Benzo[b]fluoranthene	19.0	0.095 U	11.2	59	45-120	
Benzo[g,h,i]perylene	19.0	0.095 U	12.7	67	40-125	
Benzoic acid	19.0	9.5 U	14.2 J	75	0-125	
Benzo[k]fluoranthene	19.0	0.095 U	13.8	72	45-125	
Benzyl alcohol	19.0	0.76 U	14.8	78	30-110	
Bis(2-chloroethoxy)methane	19.0	0.76 U	14.8	78	45-105	
Bis(2-chloroethyl)ether	19.0	0.095 U	15.4	81	35-110	
bis (2-chloroisopropyl) ether	19.0	0.76 U	14.9	78	25-130	
Bis(2-ethylhexyl) phthalate	19.0	0.76 U	11.3	59	40-125	
4-Bromophenyl phenyl ether	19.0	0.76 U	14.3	75	50-115	
Butyl benzyl phthalate	19.0	0.76 U	13.2	69	45-115	
Carbazole	19.0	0.76 U	14.2	75	50-115	
4-Chloroaniline	19.0	0.76 U	9.21	48	15-110	
4-Chloro-3-methylphenol	19.0	0.76 U	15.3	80	45-110	
2-Chloronaphthalene	19.0	0.095 U	14.3	75	50-105	
2-Chlorophenol	19.0	0.76 U	15.3	80	35-105	
4-Chlorophenyl phenyl ether	19.0	0.76 U	14.6	77	50-110	
Chrysene	19.0	0.095 U	13.7	72	55-110	
Dibenz(a,h)anthracene	19.0	0.095 U	13.0	68	40-125	
Dibenzofuran	19.0	0.095 U	14.2	75	55-105	
1,4-Dichlorobenzene	19.0	0.76 U	14.7	77	30-100	
1,2-Dichlorobenzene	19.0	0.76 U	14.4	76	35-100	
1,3-Dichlorobenzene	19.0	0.76 U	14.0	73	30-100	
3,3'-Dichlorobenzidine	19.0	0.76 U	0.76 U	0	20-110	J
2,4-Dichlorophenol	19.0	0.76 U	15.4	81	50-105	
Diethyl phthalate	19.0	0.76 U	14.4	76	40-120	
2,4-Dimethylphenol	19.0	0.76 U	12.8	67	30-110	
Dimethyl phthalate	19.0	0.76 U	14.6	77	25-125	
Di-n-butyl phthalate	19.0	0.76 U	14.6	77	55-115	
4,6-Dinitro-2-methylphenol	19.0	2.3 U	14.1	74	40-130	
2,4-Dinitrophenol	19.0	2.3 U	11.5	60	15-140	
2,4-Dinitrotoluene	19.0	0.76 U	15.4	81	50-120	
2,6-Dinitrotoluene	19.0	0.76 U	15.3	81	50-115	
Di-n-octyl phthalate	19.0	0.76 U	11.2	59	35-135	
Fluoranthene	19.0	0.095 U	14.5	76	55-115	
Fluorene	19.0	0.095 U	14.3	75	50-110	
Hexachlorobenzene	19.0	0.095 U	14.5	76	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116009.D

Lab ID: 240-17422-13 MS Client ID: 076SW-0013-0001-SW MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	19.0	0.76 U	13.5	71	25-105	
Hexachloroethane	19.0	0.76 U	13.9	73	30-95	
Indeno[1,2,3-cd]pyrene	19.0	0.095 U	12.8	67	45-125	
Isophorone	19.0	0.76 U	15.2	80	50-110	
2-Methylnaphthalene	19.0	0.095 U	14.7	77	45-105	
2-Methylphenol	19.0	0.76 U	15.3	80	40-110	
3 & 4 Methylphenol	38.1	0.76 U	30.7	81	30-110	
Naphthalene	19.0	0.095 U	14.9	78	40-100	
2-Nitroaniline	19.0	0.76 U	14.8	78	50-115	
3-Nitroaniline	19.0	0.76 U	10.4	54	20-125	
4-Nitroaniline	19.0	0.76 U	12.3	65	35-120	
Nitrobenzene	19.0	0.095 U	14.5	76	45-110	
2-Nitrophenol	19.0	0.76 U	15.4	81	40-115	
4-Nitrophenol	19.0	2.3 U	13.7	72	0-125	
N-Nitrosodi-n-propylamine	19.0	0.76 U	15.1	79	35-130	
N-Nitrosodiphenylamine	19.0	0.76 U	13.7	72	50-110	
Pentachlorophenol	19.0	2.3 U	12.7	67	40-115	
Phenanthrene	19.0	0.095 U	14.4	76	50-115	
Phenol	19.0	0.76 U	15.3	80	0-115	
Pyrene	19.0	0.095 U	13.0	68	50-130	
1,2,4-Trichlorobenzene	19.0	0.76 U	13.5	71	35-105	
2,4,5-Trichlorophenol	19.0	0.76 U	14.1	74	50-110	
2,4,6-Trichlorophenol	19.0	0.76 U	14.2	75	50-115	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21123010.D

Lab ID: 240-17422-2 MSD Client ID: 076SS-0020M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	674	507	75	10	30	45-110	
Acenaphthylene	674	513	76	9	30	45-105	
Anthracene	674	528	78	4	30	55-105	
Benzo[a]anthracene	674	512	76	4	30	50-110	
Benzo[a]pyrene	674	440	62	4	30	50-110	
Benzo[b]fluoranthene	674	505	72	6	30	45-115	
Benzo[g,h,i]perylene	674	464	67	5	30	40-125	
Benzoic acid	674	340 U	0	NC	30	0-110	
Benzo[k]fluoranthene	674	468	68	4	30	45-125	
Benzyl alcohol	674	505	75	12	30	20-125	
Bis(2-chloroethoxy)methane	674	484	72	15	30	45-110	
Bis(2-chloroethyl)ether	674	453	67	16	30	40-105	
bis (2-chloroisopropyl) ether	674	467	69	16	30	20-115	
Bis(2-ethylhexyl) phthalate	674	558	77	2	30	45-125	
4-Bromophenyl phenyl ether	674	537	80	5	30	45-115	
Butyl benzyl phthalate	674	538	80	0	30	50-125	
Carbazole	674	475	70	1	30	45-115	
4-Chloroaniline	674	49.9 J	7	38	30	10-95	J
4-Chloro-3-methylphenol	674	538	80	1	30	45-115	
2-Chloronaphthalene	674	504	75	15	30	45-105	
2-Chlorophenol	674	462	69	8	30	45-105	
4-Chlorophenyl phenyl ether	674	532	79	4	30	45-110	
Chrysene	674	541	80	2	30	55-110	
Dibenz(a,h)anthracene	674	444	66	4	30	40-125	
Dibenzofuran	674	510	75	9	30	50-105	
1,4-Dichlorobenzene	674	443	61	19	30	35-105	
1,2-Dichlorobenzene	674	423	63	19	30	45-95	
1,3-Dichlorobenzene	674	397	59	18	30	40-100	
3,3'-Dichlorobenzidine	674	81 U	0	NC	30	10-130	J
2,4-Dichlorophenol	674	530	79	10	30	45-110	
Diethyl phthalate	674	553	79	4	30	50-115	
2,4-Dimethylphenol	674	430	64	13	30	30-105	
Dimethyl phthalate	674	545	81	6	30	50-110	
Di-n-butyl phthalate	674	566	82	1	30	55-110	
4,6-Dinitro-2-methylphenol	674	423	63	2	30	30-135	
2,4-Dinitrophenol	674	444	66	3	30	15-130	
2,4-Dinitrotoluene	674	550	82	4	30	50-115	
2,6-Dinitrotoluene	674	555	82	5	30	50-110	
Di-n-octyl phthalate	674	529	78	3	30	40-130	
Fluoranthene	674	563	79	3	30	55-115	
Fluorene	674	522	77	5	30	50-110	
Hexachlorobenzene	674	539	80	9	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21123010.D

Lab ID: 240-17422-2 MSD Client ID: 076SS-0020M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	674	438	65	14	30	40-115	
Hexachloroethane	674	405	60	15	30	35-110	
Indeno[1,2,3-cd]pyrene	674	451	65	4	30	40-120	
Isophorone	674	534	76	13	30	45-110	
2-Methylnaphthalene	674	498	71	14	30	45-105	
2-Methylphenol	674	487	72	12	30	40-105	
3 & 4 Methylphenol	1350	996	74	8	30	40-105	
Naphthalene	674	486	69	17	30	40-105	
2-Nitroaniline	674	562	83	3	30	45-120	
3-Nitroaniline	674	81.3 J	12	36	30	25-110	J
4-Nitroaniline	674	157 J	23	18	30	35-115	J
Nitrobenzene	674	476	71	15	30	40-115	
2-Nitrophenol	674	525	78	16	30	40-110	
4-Nitrophenol	674	567	84	7	30	15-140	
N-Nitrosodi-n-propylamine	674	503	75	14	30	40-115	
N-Nitrosodiphenylamine	674	503	75	5	30	50-115	
Pentachlorophenol	674	569	84	2	30	25-120	
Phenanthrene	674	534	76	5	30	50-110	
Phenol	674	510	76	12	30	40-100	
Pyrene	674	490	70	2	30	45-125	
1,2,4-Trichlorobenzene	674	447	66	17	30	45-110	
2,4,5-Trichlorophenol	674	561	83	5	30	50-110	
2,4,6-Trichlorophenol	674	566	84	6	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126008.D

Lab ID: 240-17422-6 MSD Client ID: 073SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	656	449	69	5	30	45-110	
Acenaphthylene	656	455	68	4	30	45-105	
Anthracene	656	489	72	3	30	55-105	
Benzo[a]anthracene	656	527	72	5	30	50-110	
Benzo[a]pyrene	656	460	60	1	30	50-110	
Benzo[b]fluoranthene	656	544	67	2	30	45-115	
Benzo[g,h,i]perylene	656	415	56	7	30	40-125	
Benzoic acid	656	330 U	0	NC	30	0-110	
Benzo[k]fluoranthene	656	488	70	0	30	45-125	
Benzyl alcohol	656	434	66	3	30	20-125	
Bis(2-chloroethoxy)methane	656	387	59	0	30	45-110	
Bis(2-chloroethyl)ether	656	362	55	5	30	40-105	
bis (2-chloroisopropyl) ether	656	370	56	3	30	20-115	
Bis(2-ethylhexyl) phthalate	656	496	70	1	30	45-125	
4-Bromophenyl phenyl ether	656	490	75	3	30	45-115	
Butyl benzyl phthalate	656	484	74	3	30	50-125	
Carbazole	656	440	67	4	30	45-115	
4-Chloroaniline	656	173	26	7	30	10-95	
4-Chloro-3-methylphenol	656	499	76	1	30	45-115	
2-Chloronaphthalene	656	425	65	4	30	45-105	
2-Chlorophenol	656	396	60	1	30	45-105	
4-Chlorophenyl phenyl ether	656	458	70	1	30	45-110	
Chrysene	656	557	74	4	30	55-110	
Dibenz(a,h)anthracene	656	385	59	7	30	40-125	
Dibenzofuran	656	459	68	5	30	50-105	
1,4-Dichlorobenzene	656	369	56	2	30	35-105	
1,2-Dichlorobenzene	656	343	52	3	30	45-95	
1,3-Dichlorobenzene	656	342	52	2	30	40-100	
3,3'-Dichlorobenzidine	656	79 U	0	NC	30	10-130	J
2,4-Dichlorophenol	656	467	71	1	30	45-110	
Diethyl phthalate	656	502	77	7	30	50-115	
2,4-Dimethylphenol	656	417	64	1	30	30-105	
Dimethyl phthalate	656	481	73	4	30	50-110	
Di-n-butyl phthalate	656	512	78	1	30	55-110	
4,6-Dinitro-2-methylphenol	656	341	52	8	30	30-135	
2,4-Dinitrophenol	656	247 J	38	6	30	15-130	
2,4-Dinitrotoluene	656	500	76	6	30	50-115	
2,6-Dinitrotoluene	656	490	75	2	30	50-110	
Di-n-octyl phthalate	656	495	75	1	30	40-130	
Fluoranthene	656	605	74	1	30	55-115	
Fluorene	656	471	71	6	30	50-110	
Hexachlorobenzene	656	470	72	4	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126008.D

Lab ID: 240-17422-6 MSD Client ID: 073SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	656	358	55	1	30	40-115	
Hexachloroethane	656	293	45	5	30	35-110	
Indeno[1,2,3-cd]pyrene	656	409	55	7	30	40-120	
Isophorone	656	435	66	2	30	45-110	
2-Methylnaphthalene	656	487	65	2	30	45-105	
2-Methylphenol	656	412	63	5	30	40-105	
3 & 4 Methylphenol	1310	864	66	7	30	40-105	
Naphthalene	656	435	59	3	30	40-105	
2-Nitroaniline	656	522	80	8	30	45-120	
3-Nitroaniline	656	221	34	19	30	25-110	
4-Nitroaniline	656	218	33	3	30	35-115	J
Nitrobenzene	656	395	60	5	30	40-115	
2-Nitrophenol	656	428	65	4	30	40-110	
4-Nitrophenol	656	510	78	8	30	15-140	
N-Nitrosodi-n-propylamine	656	397	61	4	30	40-115	
N-Nitrosodiphenylamine	656	484	74	1	30	50-115	
Pentachlorophenol	656	458	70	0	30	25-120	
Phenanthrene	656	533	70	3	30	50-110	
Phenol	656	428	65	7	30	40-100	
Pyrene	656	526	67	3	30	45-125	
1,2,4-Trichlorobenzene	656	367	56	5	30	45-110	
2,4,5-Trichlorophenol	656	499	76	7	30	50-110	
2,4,6-Trichlorophenol	656	497	76	6	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126011.D

Lab ID: 240-17422-9 MSD Client ID: 068SD-0009-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	672	487	72	3	30	45-110	
Acenaphthylene	672	471	70	1	30	45-105	
Anthracene	672	495	73	0	30	55-105	
Benzo[a]anthracene	672	511	74	6	30	50-110	
Benzo[a]pyrene	672	440	62	5	30	50-110	
Benzo[b]fluoranthene	672	531	72	6	30	45-115	
Benzo[g,h,i]perylene	672	381	54	15	30	40-125	
Benzoic acid	672	340 U	0	NC	30	0-110	
Benzo[k]fluoranthene	672	507	74	6	30	45-125	
Benzyl alcohol	672	477	71	3	30	20-125	
Bis(2-chloroethoxy)methane	672	450	67	3	30	45-110	
Bis(2-chloroethyl)ether	672	432	64	6	30	40-105	
bis (2-chloroisopropyl) ether	672	429	64	6	30	20-115	
Bis(2-ethylhexyl) phthalate	672	541	75	7	30	45-125	
4-Bromophenyl phenyl ether	672	513	76	1	30	45-115	
Butyl benzyl phthalate	672	517	77	6	30	50-125	
Carbazole	672	488	73	2	30	45-115	
4-Chloroaniline	672	138 J	21	74	30	10-95	J
4-Chloro-3-methylphenol	672	535	80	0	30	45-115	
2-Chloronaphthalene	672	460	68	0	30	45-105	
2-Chlorophenol	672	452	67	4	30	45-105	
4-Chlorophenyl phenyl ether	672	498	74	3	30	45-110	
Chrysene	672	542	76	7	30	55-110	
Dibenz(a,h)anthracene	672	373	55	12	30	40-125	
Dibenzofuran	672	477	71	0	30	50-105	
1,4-Dichlorobenzene	672	423	63	7	30	35-105	
1,2-Dichlorobenzene	672	404	60	7	30	45-95	
1,3-Dichlorobenzene	672	385	57	9	30	40-100	
3,3'-Dichlorobenzidine	672	81 U	0	NC	30	10-130	J
2,4-Dichlorophenol	672	507	75	1	30	45-110	
Diethyl phthalate	672	518	77	2	30	50-115	
2,4-Dimethylphenol	672	435	65	1	30	30-105	
Dimethyl phthalate	672	514	76	2	30	50-110	
Di-n-butyl phthalate	672	531	79	1	30	55-110	
4,6-Dinitro-2-methylphenol	672	289	43	26	30	30-135	
2,4-Dinitrophenol	672	302 J	45	18	30	15-130	
2,4-Dinitrotoluene	672	515	77	1	30	50-115	
2,6-Dinitrotoluene	672	517	77	3	30	50-110	
Di-n-octyl phthalate	672	555	83	4	30	40-130	
Fluoranthene	672	546	76	0	30	55-115	
Fluorene	672	488	73	1	30	50-110	
Hexachlorobenzene	672	507	75	3	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21126011.D

Lab ID: 240-17422-9 MSD Client ID: 068SD-0009-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	672	425	63	3	30	40-115	
Hexachloroethane	672	213	32	25	30	35-110	J
Indeno[1,2,3-cd]pyrene	672	385	55	12	30	40-120	
Isophorone	672	504	75	2	30	45-110	
2-Methylnaphthalene	672	484	70	1	30	45-105	
2-Methylphenol	672	476	71	1	30	40-105	
3 & 4 Methylphenol	1340	966	72	3	30	40-105	
Naphthalene	672	460	67	3	30	40-105	
2-Nitroaniline	672	564	84	8	30	45-120	
3-Nitroaniline	672	114 J	17	64	30	25-110	J
4-Nitroaniline	672	157 J	23	10	30	35-115	J
Nitrobenzene	672	450	67	2	30	40-115	
2-Nitrophenol	672	488	73	3	30	40-110	
4-Nitrophenol	672	527	78	5	30	15-140	
N-Nitrosodi-n-propylamine	672	476	71	6	30	40-115	
N-Nitrosodiphenylamine	672	493	73	4	30	50-115	
Pentachlorophenol	672	455	68	10	30	25-120	
Phenanthrene	672	506	72	2	30	50-110	
Phenol	672	497	74	1	30	40-100	
Pyrene	672	490	69	7	30	45-125	
1,2,4-Trichlorobenzene	672	420	63	4	30	45-110	
2,4,5-Trichlorophenol	672	537	80	5	30	50-110	
2,4,6-Trichlorophenol	672	530	79	4	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116010.D

Lab ID: 240-17422-13 MSD Client ID: 076SW-0013-0001-SW MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	19.0	13.3	70	8	30	45-110	
Acenaphthylene	19.0	12.7	67	10	30	50-105	
Anthracene	19.0	10.7	56	18	30	55-110	
Benzo[a]anthracene	19.0	10.6	55	18	30	55-110	
Benzo[a]pyrene	19.0	8.07	42	23	30	55-110	J
Benzo[b]fluoranthene	19.0	9.08	48	21	30	45-120	
Benzo[g,h,i]perylene	19.0	10.1	53	22	30	40-125	
Benzoic acid	19.0	14.2 J	75	0	30	0-125	
Benzo[k]fluoranthene	19.0	11.6	61	18	30	45-125	
Benzyl alcohol	19.0	14.6	76	2	30	30-110	
Bis(2-chloroethoxy)methane	19.0	14.1	74	5	30	45-105	
Bis(2-chloroethyl)ether	19.0	14.8	78	4	30	35-110	
bis (2-chloroisopropyl) ether	19.0	14.3	75	4	30	25-130	
Bis(2-ethylhexyl) phthalate	19.0	9.26	49	20	30	40-125	
4-Bromophenyl phenyl ether	19.0	13.0	68	10	30	50-115	
Butyl benzyl phthalate	19.0	11.9	63	10	30	45-115	
Carbazole	19.0	13.2	69	7	30	50-115	
4-Chloroaniline	19.0	7.89	41	15	30	15-110	
4-Chloro-3-methylphenol	19.0	14.2	74	8	30	45-110	
2-Chloronaphthalene	19.0	13.1	69	9	30	50-105	
2-Chlorophenol	19.0	14.5	76	5	30	35-105	
4-Chlorophenyl phenyl ether	19.0	13.1	69	11	30	50-110	
Chrysene	19.0	11.9	62	14	30	55-110	
Dibenz(a,h)anthracene	19.0	10.7	56	20	30	40-125	
Dibenzofuran	19.0	13.2	69	8	30	55-105	
1,4-Dichlorobenzene	19.0	13.9	73	6	30	30-100	
1,2-Dichlorobenzene	19.0	13.7	72	5	30	35-100	
1,3-Dichlorobenzene	19.0	13.1	69	6	30	30-100	
3,3'-Dichlorobenzidine	19.0	0.76 U	0	NC	30	20-110	J
2,4-Dichlorophenol	19.0	14.3	75	7	30	50-105	
Diethyl phthalate	19.0	13.5	71	7	30	40-120	
2,4-Dimethylphenol	19.0	10.1	53	24	30	30-110	
Dimethyl phthalate	19.0	13.6	71	7	30	25-125	
Di-n-butyl phthalate	19.0	13.2	69	10	30	55-115	
4,6-Dinitro-2-methylphenol	19.0	13.6	71	4	30	40-130	
2,4-Dinitrophenol	19.0	11.6	61	1	30	15-140	
2,4-Dinitrotoluene	19.0	13.9	73	10	30	50-120	
2,6-Dinitrotoluene	19.0	14.0	73	9	30	50-115	
Di-n-octyl phthalate	19.0	8.48	45	28	30	35-135	
Fluoranthene	19.0	12.9	68	12	30	55-115	
Fluorene	19.0	13.1	69	9	30	50-110	
Hexachlorobenzene	19.0	12.5	66	15	30	50-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21116010.D

Lab ID: 240-17422-13 MSD Client ID: 076SW-0013-0001-SW MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	19.0	11.9	63	13	30	25-105	
Hexachloroethane	19.0	12.8	67	8	30	30-95	
Indeno[1,2,3-cd]pyrene	19.0	10.5	55	20	30	45-125	
Isophorone	19.0	14.5	76	5	30	50-110	
2-Methylnaphthalene	19.0	14.0	74	4	30	45-105	
2-Methylphenol	19.0	13.8	73	10	30	40-110	
3 & 4 Methylphenol	38.1	28.6	75	7	30	30-110	
Naphthalene	19.0	14.2	74	5	30	40-100	
2-Nitroaniline	19.0	13.6	71	9	30	50-115	
3-Nitroaniline	19.0	8.97	47	15	30	20-125	
4-Nitroaniline	19.0	11.0	58	11	30	35-120	
Nitrobenzene	19.0	13.8	72	5	30	45-110	
2-Nitrophenol	19.0	14.1	74	9	30	40-115	
4-Nitrophenol	19.0	13.0	68	5	30	0-125	
N-Nitrosodi-n-propylamine	19.0	14.4	76	5	30	35-130	
N-Nitrosodiphenylamine	19.0	9.58	50	35	30	50-110	J
Pentachlorophenol	19.0	11.7	62	8	30	40-115	
Phenanthrene	19.0	13.2	69	9	30	50-115	
Phenol	19.0	14.6	77	4	30	0-115	
Pyrene	19.0	0.095 U	0	200	30	50-130	J
1,2,4-Trichlorobenzene	19.0	12.6	66	7	30	35-105	
2,4,5-Trichlorophenol	19.0	13.0	68	8	30	50-110	
2,4,6-Trichlorophenol	19.0	13.1	69	8	30	50-115	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21116004.D Lab Sample ID: MB 240-64920/23-A

Matrix: Water Date Extracted: 11/14/2012 08:33

Instrument ID: A4HP9 Date Analyzed: 11/16/2012 10:21

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-64920/24-A	21116005.D	11/16/2012 10:40
076SW-0013-0001-SW	240-17422-13	21116008.D	11/16/2012 11:36
076SW-0013-0001-SW MS	240-17422-13 MS	21116009.D	11/16/2012 11:55
076SW-0013-0001-SW MSD	240-17422-13 MSD	21116010.D	11/16/2012 12:14
076SW-0014-0001-SW	240-17422-14	21116011.D	11/16/2012 12:33
076SW-0015-0001-SW	240-17422-15	21116012.D	11/16/2012 12:52

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21123006.D Lab Sample ID: MB 240-65503/22-A

Matrix: Solid Date Extracted: 11/18/2012 11:34

Instrument ID: A4HP7 Date Analyzed: 11/23/2012 11:28

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65503/23-A	21123007.D	11/23/2012 11:51
076SS-0020M-0001-SO	240-17422-2	21123008.D	11/23/2012 12:15
076SS-0020M-0001-SO MS	240-17422-2 MS	21123009.D	11/23/2012 12:38
076SS-0020M-0001-SO MSD	240-17422-2 MSD	21123010.D	11/23/2012 13:01
076SS-0019M-0001-SO	240-17422-1	21123011.D	11/23/2012 13:25
076SS-0021M-0001-SO	240-17422-3	21123012.D	11/23/2012 13:48

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21126004.D Lab Sample ID: MB 240-65764/23-A

Matrix: Solid Date Extracted: 11/20/2012 11:32

Instrument ID: A4HP7 Date Analyzed: 11/26/2012 11:16

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65764/24-A	21126005.D	11/26/2012 11:39
073SS-0003M-0001-SO	240-17422-6	21126006.D	11/26/2012 12:02
073SS-0003M-0001-SO MS	240-17422-6 MS	21126007.D	11/26/2012 12:26
073SS-0003M-0001-SO MSD	240-17422-6 MSD	21126008.D	11/26/2012 12:49
068SD-0009-0001-SO	240-17422-9	21126009.D	11/26/2012 13:12
068SD-0009-0001-SO MS	240-17422-9 MS	21126010.D	11/26/2012 13:35
068SD-0009-0001-SO MSD	240-17422-9 MSD	21126011.D	11/26/2012 13:58
068SD-00010-0001-SO	240-17422-10	21126012.D	11/26/2012 14:22
073SS-0001M-0001-SO	240-17422-4	21126013.D	11/26/2012 14:45
073SS-0002M-0001-SO	240-17422-5	21126014.D	11/26/2012 15:08
073SS-0005M-0001-SO	240-17422-8	21126016.D	11/26/2012 15:55
068SD-00011-0001-SO	240-17422-11	21126035.D	11/26/2012 16:18
068SD-00012-0001-SO	240-17422-12	21126036.D	11/26/2012 16:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21107001.D DFTPP Injection Date: 11/07/2012

Instrument ID: A4HP7 DFTPP Injection Time: 11:21

Analysis Batch No.: 64102

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	43.3	
68	Less than 2.0% of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	44.0	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.7	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	22.5	
365	Greater than 0.75% of mass 198	2.6	
441	Present, but less than mass 443	11.3	
442	40.0 - 110.0% of mass 198	74.9	
443	15.0 - 24.0% of mass 442	13.5	(18.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-64102/2	21107002.D	11/07/2012	11:44
	STD4 240-64102/3	21107003.D	11/07/2012	12:07
	STD3 240-64102/4	21107004.D	11/07/2012	12:31
	STD2 240-64102/5	21107005.D	11/07/2012	12:54
	STD1 240-64102/6	21107006.D	11/07/2012	13:18
	STD9 240-64102/7	21107007.D	11/07/2012	13:41
	STD8 240-64102/8	21107008.D	11/07/2012	14:05
	STD7 240-64102/9	21107009.D	11/07/2012	14:28
	STD6 240-64102/10	21107010.D	11/07/2012	14:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21121001.D DFTPP Injection Date: 11/21/2012

Instrument ID: A4HP7 DFTPP Injection Time: 11:18

Analysis Batch No.: 65876

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.0	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	41.6	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	50.2	
197	Less than 1.0% of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.2	
275	10.0- 30.0% of mass 198	24.8	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	12.7	
442	40.0 - 110.0% of mass 198	93.9	
443	15.0 - 24.0% of mass 442	16.1	(17.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 240-65876/3	21121003.D	11/21/2012	12:04

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21123001.D DFTPP Injection Date: 11/23/2012

Instrument ID: A4HP7 DFTPP Injection Time: 09:05

Analysis Batch No.: 66051

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	39.0	
68	Less than 2.0% of mass 69	0.2	(0.5)1
69	Mass 69 relative abundance	41.9	
70	Less than 2.0% of mass 69	0.3	(0.6)1
127	25.0 - 75.0% of mass 198	49.8	
197	Less than 1.0% of mass 198	0.3	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0- 30.0% of mass 198	25.3	
365	Greater than 0.75% of mass 198	3.3	
441	Present, but less than mass 443	13.5	
442	40.0 - 110.0% of mass 198	96.6	
443	15.0 - 24.0% of mass 442	18.8	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-66051/2	21123002.D	11/23/2012	09:55
	MRL 240-66051/3	21123003.D	11/23/2012	10:18
	MB 240-65503/22-A	21123006.D	11/23/2012	11:28
	LCS 240-65503/23-A	21123007.D	11/23/2012	11:51
076SS-0020M-0001-SO	240-17422-2	21123008.D	11/23/2012	12:15
076SS-0020M-0001-SO MS	240-17422-2 MS	21123009.D	11/23/2012	12:38
076SS-0020M-0001-SO MSD	240-17422-2 MSD	21123010.D	11/23/2012	13:01
076SS-0019M-0001-SO	240-17422-1	21123011.D	11/23/2012	13:25
076SS-0021M-0001-SO	240-17422-3	21123012.D	11/23/2012	13:48
	MRL 240-66051/13	21123013.D	11/23/2012	14:35
	mdll1	21123014.D	11/23/2012	14:58
	mdll2	21123015.D	11/23/2012	15:21
	mdll3	21123016.D	11/23/2012	15:45
	mdll4	21123017.D	11/23/2012	16:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21126001.D DFTPP Injection Date: 11/26/2012

Instrument ID: A4HP7 DFTPP Injection Time: 10:06

Analysis Batch No.: 66246

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	43.0	
68	Less than 2.0% of mass 69	0.2	(0.5)1
69	Mass 69 relative abundance	44.7	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	50.2	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.9	
275	10.0- 30.0% of mass 198	23.4	
365	Greater than 0.75% of mass 198	2.8	
441	Present, but less than mass 443	11.6	
442	40.0 - 110.0% of mass 198	82.4	
443	15.0 - 24.0% of mass 442	15.9	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-66246/2	21126002.D	11/26/2012	10:29
	MRL 240-66246/3	21126003.D	11/26/2012	10:53
	MB 240-65764/23-A	21126004.D	11/26/2012	11:16
	LCS 240-65764/24-A	21126005.D	11/26/2012	11:39
073SS-0003M-0001-SO	240-17422-6	21126006.D	11/26/2012	12:02
073SS-0003M-0001-SO MS	240-17422-6 MS	21126007.D	11/26/2012	12:26
073SS-0003M-0001-SO MSD	240-17422-6 MSD	21126008.D	11/26/2012	12:49
068SD-0009-0001-SO	240-17422-9	21126009.D	11/26/2012	13:12
068SD-0009-0001-SO MS	240-17422-9 MS	21126010.D	11/26/2012	13:35
068SD-0009-0001-SO MSD	240-17422-9 MSD	21126011.D	11/26/2012	13:58
068SD-00010-0001-SO	240-17422-10	21126012.D	11/26/2012	14:22
073SS-0001M-0001-SO	240-17422-4	21126013.D	11/26/2012	14:45
073SS-0002M-0001-SO	240-17422-5	21126014.D	11/26/2012	15:08
073SS-0005M-0001-SO	240-17422-8	21126016.D	11/26/2012	15:55
068SD-00011-0001-SO	240-17422-11	21126035.D	11/26/2012	16:18
068SD-00012-0001-SO	240-17422-12	21126036.D	11/26/2012	16:41
	MRL 240-66246/17	21126017.D	11/26/2012	17:05
	mdll1	21126018.D	11/26/2012	17:28
	mdll2	21126019.D	11/26/2012	17:51
	mdll3	21126020.D	11/26/2012	18:14
	mdll4	21126021.D	11/26/2012	18:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21114001.D DFTPP Injection Date: 11/14/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:15

Analysis Batch No.: 64921

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	32.6	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	48.0	
70	Less than 2.0% of mass 69	0.0	(0.0)1
127	25.0 - 75.0% of mass 198	39.7	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0- 30.0% of mass 198	21.2	
365	Greater than 0.75% of mass 198	2.0	
441	Present, but less than mass 443	10.5	
442	40.0 - 110.0% of mass 198	63.3	
443	15.0 - 24.0% of mass 442	12.2	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-64921/2	21114002.D	11/14/2012	11:39
	STD4 240-64921/3	21114003.D	11/14/2012	11:59
	STD3 240-64921/4	21114004.D	11/14/2012	12:18
	STD2 240-64921/5	21114005.D	11/14/2012	12:37
	STD1 240-64921/6	21114006.D	11/14/2012	12:56
	STD9 240-64921/7	21114007.D	11/14/2012	13:15
	STD8 240-64921/8	21114008.D	11/14/2012	13:34
	STD7 240-64921/9	21114009.D	11/14/2012	13:53
	STD6 240-64921/10	21114010.D	11/14/2012	14:12
	ICV 240-64921/21	21114021.D	11/14/2012	14:53

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab File ID: 21116001.D DFTPP Injection Date: 11/16/2012

Instrument ID: A4HP9 DFTPP Injection Time: 09:20

Analysis Batch No.: 65294

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	30.1	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	44.8	
70	Less than 2.0% of mass 69	0.3	(0.8)1
127	25.0 - 75.0% of mass 198	39.5	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.7	
275	10.0- 30.0% of mass 198	22.9	
365	Greater than 0.75% of mass 198	2.3	
441	Present, but less than mass 443	11.7	
442	40.0 - 110.0% of mass 198	71.8	
443	15.0 - 24.0% of mass 442	14.0	(19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-65294/2	21116002.D	11/16/2012	09:38
	MRL 240-65294/3	21116003.D	11/16/2012	10:00
	MB 240-64920/23-A	21116004.D	11/16/2012	10:21
	LCS 240-64920/24-A	21116005.D	11/16/2012	10:40
076SW-0013-0001-SW	240-17422-13	21116008.D	11/16/2012	11:36
076SW-0013-0001-SW MS	240-17422-13 MS	21116009.D	11/16/2012	11:55
076SW-0013-0001-SW MSD	240-17422-13 MSD	21116010.D	11/16/2012	12:14
076SW-0014-0001-SW	240-17422-14	21116011.D	11/16/2012	12:33
076SW-0015-0001-SW	240-17422-15	21116012.D	11/16/2012	12:52
	MRL 240-65294/19	21116019.D	11/16/2012	15:09

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		226874	5.90	879477	7.02	492418	8.51
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-65876/3		177147	5.86	653446	6.99	382015	8.48
CCV 240-66051/2		181219	5.86	692247	6.98	393429	8.47
MRL 240-66051/3		174427	5.85	650244	6.97	380206	8.47
MB 240-65503/22-A		141783	5.85	536526	6.97	312549	8.47
LCS 240-65503/23-A		144956	5.85	567734	6.97	328018	8.47
240-17422-2	076SS-0020M-0001-SO	150402	5.85	571708	6.97	337434	8.47
240-17422-2 MS	076SS-0020M-0001-SO MS	154539	5.85	598724	6.97	350225	8.47
240-17422-2 MSD	076SS-0020M-0001-SO MSD	155471	5.85	592784	6.97	341046	8.47
240-17422-1	076SS-0019M-0001-SO	167739	5.85	636049	6.97	363067	8.47
240-17422-3	076SS-0021M-0001-SO	151444	5.85	589509	6.97	336721	8.47
MRL 240-66051/13		208068	5.85	799434	6.97	462980	8.47
CCV 240-66246/2		161954	5.84	609188	6.96	351786	8.46
MRL 240-66246/3		155530	5.84	587248	6.96	341343	8.46
MB 240-65764/23-A		134526	5.84	535023	6.96	302706	8.46
LCS 240-65764/24-A		142438	5.84	543490	6.96	319124	8.46
240-17422-6	073SS-0003M-0001-SO	150280	5.84	549731	6.96	324121	8.46
240-17422-6 MS	073SS-0003M-0001-SO MS	136601	5.84	553904	6.96	334084	8.46
240-17422-6 MSD	073SS-0003M-0001-SO MSD	150824	5.84	573617	6.96	334477	8.46
240-17422-9	068SD-0009-0001-SO	151214	5.84	593003	6.96	352369	8.46
240-17422-9 MS	068SD-0009-0001-SO MS	148009	5.84	575881	6.96	341611	8.46
240-17422-9 MSD	068SD-0009-0001-SO MSD	144603	5.84	551409	6.97	326013	8.46
240-17422-10	068SD-00010-0001-SO	147024	5.84	557642	6.97	335754	8.46
240-17422-4	073SS-0001M-0001-SO	157221	5.84	608015	6.96	365431	8.46
240-17422-5	073SS-0002M-0001-SO	175147	5.84	670151	6.97	394807	8.46
240-17422-8	073SS-0005M-0001-SO	176084	5.84	701047	6.97	426636	8.46
240-17422-12	068SD-00012-0001-SO	162040	5.84	624706	6.97	363111	8.46

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		226874	5.90	879477	7.02	492418	8.51
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MRL 240-66246/17		219112	5.84	854131	6.97	503402	8.46
mdl1 LODV		212141	5.84	808740	6.96	482165	8.46
mdl2 LODV		212568	5.84	854364	6.97	508928	8.46
mdl3 LODV		204949	5.84	773570	6.97	447212	8.46
mdl4 LODV		215838	5.84	829702	6.96	473659	8.46

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII

GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		835794	9.77	860001	12.30	705582	14.37
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-65876/3		646813	9.74	684665	12.26	583062	14.30
CCV 240-66051/2		686753	9.73	712436	12.24	594434	14.28
MRL 240-66051/3		648760	9.72	663308	12.23	566429	14.27
MB 240-65503/22-A		523654	9.72	556923	12.23	449797	14.27
LCS 240-65503/23-A		574291	9.72	615093	12.23	503783	14.27
240-17422-2	076SS-0020M-0001-SO	580339	9.72	614645	12.23	538579	14.28
240-17422-2 MS	076SS-0020M-0001-SO MS	617389	9.72	641253	12.23	574273	14.27
240-17422-2 MSD	076SS-0020M-0001-SO MSD	598509	9.72	643345	12.23	575255	14.27
240-17422-1	076SS-0019M-0001-SO	643824	9.72	680771	12.23	612952	14.27
240-17422-3	076SS-0021M-0001-SO	595341	9.72	634262	12.23	555983	14.27
MRL 240-66051/13		843957	9.72	846858	12.24	754573	14.27
CCV 240-66246/2		597610	9.72	603915	12.22	508763	14.25
MRL 240-66246/3		583624	9.72	589411	12.22	494049	14.25
MB 240-65764/23-A		543673	9.72	536032	12.22	435816	14.25
LCS 240-65764/24-A		540897	9.72	575121	12.22	480759	14.25
240-17422-6	073SS-0003M-0001-SO	563001	9.72	607460	12.22	544686	14.25
240-17422-6 MS	073SS-0003M-0001-SO MS	563078	9.72	613037	12.22	524952	14.26
240-17422-6 MSD	073SS-0003M-0001-SO MSD	583347	9.72	631056	12.22	555695	14.26
240-17422-9	068SD-0009-0001-SO	619805	9.72	677620	12.22	538428	14.26
240-17422-9 MS	068SD-0009-0001-SO MS	595587	9.72	665459	12.22	543468	14.26
240-17422-9 MSD	068SD-0009-0001-SO MSD	570473	9.72	600453	12.22	501559	14.26
240-17422-10	068SD-00010-0001-SO	578549	9.72	623332	12.22	530410	14.26
240-17422-4	073SS-0001M-0001-SO	642325	9.72	688304	12.22	577571	14.26
240-17422-5	073SS-0002M-0001-SO	707010	9.72	752516	12.22	598181	14.26
240-17422-8	073SS-0005M-0001-SO	771686	9.72	829409	12.22	506313	14.27
240-17422-12	068SD-00012-0001-SO	643258	9.72	698546	12.22	460822	14.26

Column used to flag values outside QC limits

FORM VIII

GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		835794	9.77	860001	12.30	705582	14.37
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MRL 240-66246/17		899446	9.72	921553	12.22	588274	14.26
mdll1 LODV		830184	9.72	833300	12.22	556288	14.26
mdll2 LODV		877128	9.72	885303	12.22	568364	14.26
mdll3 LODV		784421	9.72	793943	12.22	552251	14.26
mdll4 LODV		826739	9.72	858949	12.22	569161	14.26

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD6 240-64921/10 Date Analyzed: 11/14/2012 14:12

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21114010.D Heated Purge: (Y/N) N

Calibration ID: 12309

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		161662	3.84	626906	4.80	409669	6.09
UPPER LIMIT		323324	4.34	1253812	5.30	819338	6.59
LOWER LIMIT		80831	3.34	313453	4.30	204835	5.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64921/21		155222	3.84	585567	4.80	383760	6.09
CCV 240-65294/2		147783	3.68	571090	4.64	377818	5.93
MRL 240-65294/3		150301	3.68	580692	4.64	385184	5.93
MB 240-64920/23-A		125503	3.68	502037	4.64	342064	5.93
LCS 240-64920/24-A		117485	3.67	476759	4.64	317597	5.93
240-17422-13	076SW-0013-0001-SW	117275	3.68	480492	4.64	325151	5.92
240-17422-13 MS	076SW-0013-0001-SW MS	123284	3.68	485832	4.64	328806	5.93
240-17422-13 MSD	076SW-0013-0001-SW MSD	131922	3.68	526929	4.64	365797	5.93
240-17422-14	076SW-0014-0001-SW	110370	3.67	452041	4.64	319353	5.92
240-17422-15	076SW-0015-0001-SW	125182	3.68	510965	4.63	340729	5.93
MRL 240-65294/19		125010	3.68	473348	4.64	317019	5.92

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD6 240-64921/10 Date Analyzed: 11/14/2012 14:12

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21114010.D Heated Purge: (Y/N) N

Calibration ID: 12309

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		740612	7.17	720916	9.12	594168	10.48
UPPER LIMIT		1481224	7.67	1441832	9.62	1188336	10.98
LOWER LIMIT		370306	6.67	360458	8.62	297084	9.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64921/21		681510	7.17	726263	9.13	612788	10.50
CCV 240-65294/2		674669	7.01	681998	8.95	554478	10.22
MRL 240-65294/3		666230	7.01	675862	8.95	552093	10.22
MB 240-64920/23-A		610306	7.01	638244	8.95	534640	10.22
LCS 240-64920/24-A		576386	7.01	613814	8.95	504940	10.21
240-17422-13	076SW-0013-0001-SW	592762	7.00	638349	8.94	515870	10.20
240-17422-13 MS	076SW-0013-0001-SW MS	598223	7.01	653163	8.94	518440	10.20
240-17422-13 MSD	076SW-0013-0001-SW MSD	651002	7.01	693414	8.94	561493	10.20
240-17422-14	076SW-0014-0001-SW	585225	7.00	617610	8.94	496186	10.20
240-17422-15	076SW-0015-0001-SW	629802	7.00	653311	8.94	527217	10.20
MRL 240-65294/19		562275	7.00	572059	8.96	445968	10.22

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0019M-0001-SO | Lab Sample ID: 240-17422-1

Matrix: Solid | Lab File ID: 21123011.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:25

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.65(g) | Date Analyzed: 11/23/2012 13:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	13	U	27	13	13
208-96-8	Acenaphthylene	13	U	27	13	13
120-12-7	Anthracene	13	U	27	13	13
56-55-3	Benzo[a]anthracene	13	U	27	13	13
50-32-8	Benzo[a]pyrene	46		27	13	13
205-99-2	Benzo[b]fluoranthene	28		27	13	13
191-24-2	Benzo[g,h,i]perylene	24	J M	27	13	13
65-85-0	Benzoic acid	1300	U	2700	1300	1300
207-08-9	Benzo[k]fluoranthene	13	U	27	13	13
100-51-6	Benzyl alcohol	110	U	1300	110	85
111-91-1	Bis(2-chloroethoxy)methane	110	U	400	110	89
111-44-4	Bis(2-chloroethyl)ether	13	U	400	13	8.1
108-60-1	bis (2-chloroisopropyl) ether	110	U	400	110	38
117-81-7	Bis(2-ethylhexyl) phthalate	93	J	200	110	77
101-55-3	4-Bromophenyl phenyl ether	110	U	200	110	53
85-68-7	Butyl benzyl phthalate	110	U	200	110	40
86-74-8	Carbazole	110	U	200	110	110
106-47-8	4-Chloroaniline	110	U	610	110	69
59-50-7	4-Chloro-3-methylphenol	110	U	610	110	85
91-58-7	2-Chloronaphthalene	13	U	200	13	13
95-57-8	2-Chlorophenol	110	U	200	110	110
7005-72-3	4-Chlorophenyl phenyl ether	110	U	200	110	53
218-01-9	Chrysene	13	U	27	13	4.5
53-70-3	Dibenz(a,h)anthracene	13	U	27	13	13
132-64-9	Dibenzofuran	13	U	200	13	13
106-46-7	1,4-Dichlorobenzene	110	U	200	110	81
95-50-1	1,2-Dichlorobenzene	110	U	200	110	39
541-73-1	1,3-Dichlorobenzene	110	U	200	110	45
91-94-1	3,3'-Dichlorobenzidine	320	U	400	320	73
120-83-2	2,4-Dichlorophenol	110	U	610	110	81
84-66-2	Diethyl phthalate	110	U	200	110	65
105-67-9	2,4-Dimethylphenol	320	U	610	320	81
131-11-3	Dimethyl phthalate	110	U	200	110	69
84-74-2	Di-n-butyl phthalate	110	U	200	110	61

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0019M-0001-SO | Lab Sample ID: 240-17422-1

Matrix: Solid | Lab File ID: 21123011.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:25

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.65(g) | Date Analyzed: 11/23/2012 13:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320	U	610	320	320
51-28-5	2,4-Dinitrophenol	320	U	1300	320	320
121-14-2	2,4-Dinitrotoluene	110	U	810	110	110
606-20-2	2,6-Dinitrotoluene	110	U	810	110	85
117-84-0	Di-n-octyl phthalate	110	U	200	110	110
206-44-0	Fluoranthene	34		27	13	13
86-73-7	Fluorene	13	U	27	13	13
118-74-1	Hexachlorobenzene	13	U	27	13	8.5
87-68-3	Hexachlorobutadiene	110	U	200	110	110
77-47-4	Hexachlorocyclopentadiene	110	U	1300	110	110
67-72-1	Hexachloroethane	110	U	200	110	36
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	27	13	13
78-59-1	Isophorone	110	U	200	110	53
91-57-6	2-Methylnaphthalene	19	J	27	13	13
95-48-7	2-Methylphenol	320	U	810	320	320
15831-10-4	3 & 4 Methylphenol	320	U	1600	320	81
91-20-3	Naphthalene	16	J	27	13	13
88-74-4	2-Nitroaniline	110	U	810	110	37
99-09-2	3-Nitroaniline	320	U	810	320	65
100-01-6	4-Nitroaniline	110	U	810	110	110
98-95-3	Nitrobenzene	13	U	400	13	8.9
88-75-5	2-Nitrophenol	110	U	200	110	110
100-02-7	4-Nitrophenol	320	U	1300	320	320
621-64-7	N-Nitrosodi-n-propylamine	110	U	200	110	110
86-30-6	N-Nitrosodiphenylamine	110	U	200	110	85
87-86-5	Pentachlorophenol	320	U	610	320	320
85-01-8	Phenanthrene	31		27	13	13
108-95-2	Phenol	110	U	200	110	110
129-00-0	Pyrene	25	J	27	13	13
120-82-1	1,2,4-Trichlorobenzene	110	U	200	110	110
95-95-4	2,4,5-Trichlorophenol	110	U	610	110	100
88-06-2	2,4,6-Trichlorophenol	320	U	610	320	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0019M-0001-SO | Lab Sample ID: 240-17422-1

Matrix: Solid | Lab File ID: 21123011.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:25

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.65(g) | Date Analyzed: 11/23/2012 13:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	65		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	62		35-100
1718-51-0	Terphenyl-d14 (Surr)	73		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D
Lims ID: 240-17422-A-1-E Client ID: 076SS-0019M-0001-SO
Inject. Date: 23-Nov-2012 13:25:30 Dil. Factor: 4.0000
Sample Type: Client
Sample ID: 240-0015199-011
Misc. Info.: 240-17422-a-1-e
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 66051 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 26-Nov-2012 11:23:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	98	167739	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	636049	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	93	363067	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	643824	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	97	680771	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	92	612952	4.00	
$ 7 2-Fluorophenol	112	4.594	4.583	0.011	91	116242	2.24	
$ 8 Phenol-d5	99	5.503	5.503	0.0	95	167885	2.55	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	84	86864	1.55	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	98	191603	1.63	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	85	42314	2.82	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	98	230974	1.83	
41 Phenol	94		5.514					2
44 Bis(2-chloroethyl)ether	93		5.605					9
46 2-Chlorophenol	128		5.658					9
47 1,3-Dichlorobenzene	146		5.802					9
48 1,4-Dichlorobenzene	146		5.872					9
49 Benzyl alcohol	108		5.968					
50 1,2-Dichlorobenzene	146		6.011					
51 2-Methylphenol	108		6.059					
52 2,2'-oxybis[1-chloropropane]	45		6.091					9
191 3 & 4 Methylphenol	108		6.193					
56 N-Nitrosodi-n-propylamine	70		6.204					
60 Hexachloroethane	117		6.311					9
61 Nitrobenzene	77		6.364					
63 Isophorone	82	6.567	6.567	0.0	89	7864	0.0775	
65 2-Nitrophenol	139		6.642					9
64 2,4-Dimethylphenol	107		6.658					
69 Benzoic acid	122		6.728					
68 Bis(2-chloroethoxy)methane	93		6.744					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.845					
72 1,2,4-Trichlorobenzene	180		6.926					
73 Naphthalene	128	6.990	6.995	-0.005	26	9233	0.0581	
74 4-Chloroaniline	127		7.033					
77 Hexachlorobutadiene	225		7.091					
84 4-Chloro-3-methylphenol	107		7.428					9
85 2-Methylnaphthalene	142	7.584	7.584	0.0	83	7170	0.0705	
88 Hexachlorocyclopentadiene	237		7.712					
90 2,4,6-Trichlorophenol	196		7.814					
91 2,4,5-Trichlorophenol	196		7.846					
98 2-Chloronaphthalene	162		8.001					9
100 2-Nitroaniline	65		8.076					
103 Dimethyl phthalate	163		8.215					
105 2,6-Dinitrotoluene	165		8.273					
107 Acenaphthylene	152		8.354					
108 3-Nitroaniline	138		8.418					9
110 Acenaphthene	153		8.498					9
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					9
112 2,4-Dinitrotoluene	165		8.616					9
114 Dibenzofuran	168		8.643					9
119 Diethyl phthalate	149		8.803					
121 4-Chlorophenyl phenyl ether	204		8.921					
124 Fluorene	166		8.931					
123 4-Nitroaniline	138		8.937					9
126 4,6-Dinitro-2-methylphenol	198		8.958					
130 N-Nitrosodiphenylamine	169		9.017					
137 4-Bromophenyl phenyl ether	248		9.333					
139 Hexachlorobenzene	284		9.397					
141 Pentachlorophenol	266		9.557					
146 Phenanthrene	178	9.744	9.750	-0.006	73	20192	0.1148	
147 Anthracene	178		9.792					
149 Carbazole	167		9.916					
151 Di-n-butyl phthalate	149		10.172					
157 Fluoranthene	202	10.750	10.755	-0.005	75	24521	0.1262	
160 Pyrene	202	10.953	10.959	-0.005	92	20334	0.0936	
166 Butyl benzyl phthalate	149		11.536					9
173 3,3'-Dichlorobenzidine	252		12.178					9
171 Bis(2-ethylhexyl) phthalate	149	12.194	12.194	0.0	67	19204	0.3454	
175 Benzo[a]anthracene	228		12.226					
176 Chrysene	228		12.274					
178 Di-n-octyl phthalate	149		13.082					
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	71	20145	0.1030	
181 Benzo[k]fluoranthene	252		13.745					M
182 Benzo[a]pyrene	252	14.194	14.194	0.0	59	11146	0.1691	
186 Indeno[1,2,3-cd]pyrene	276		15.906					9
187 Dibenz(a,h)anthracene	278		15.933					9
188 Benzo[g,h,i]perylene	276	16.318	16.334	-0.016	69	15926	0.0908	M

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

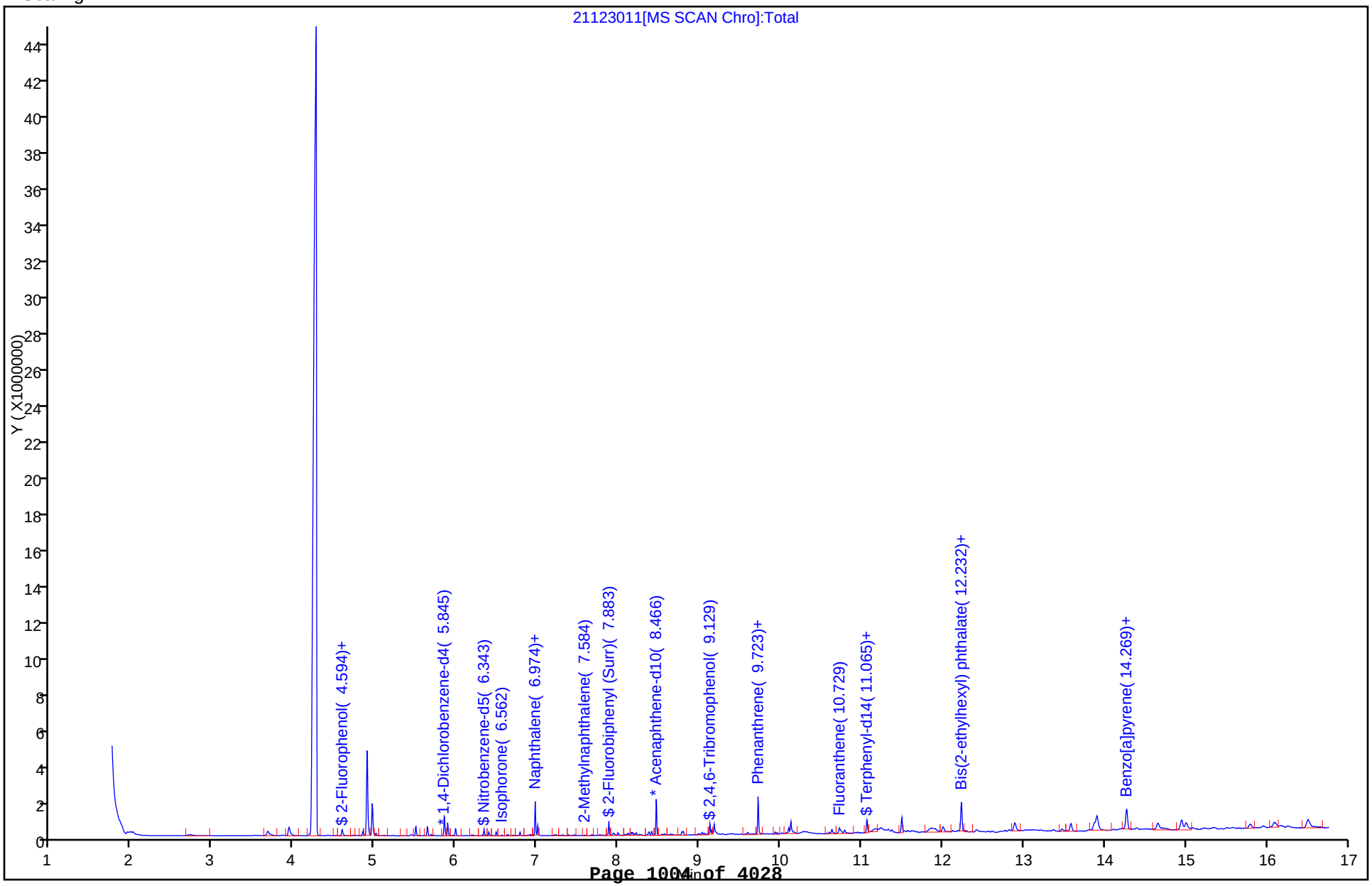
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

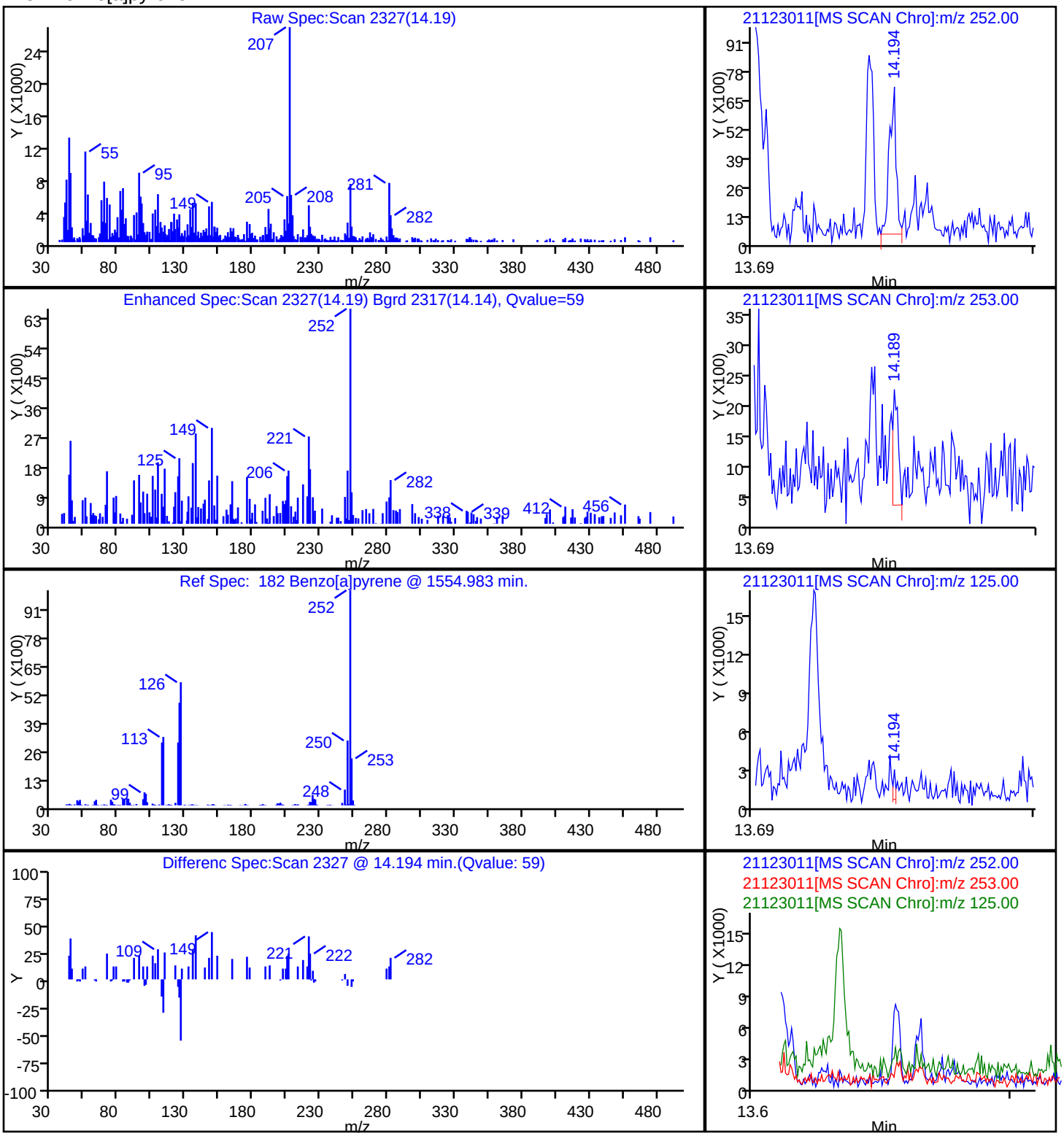


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

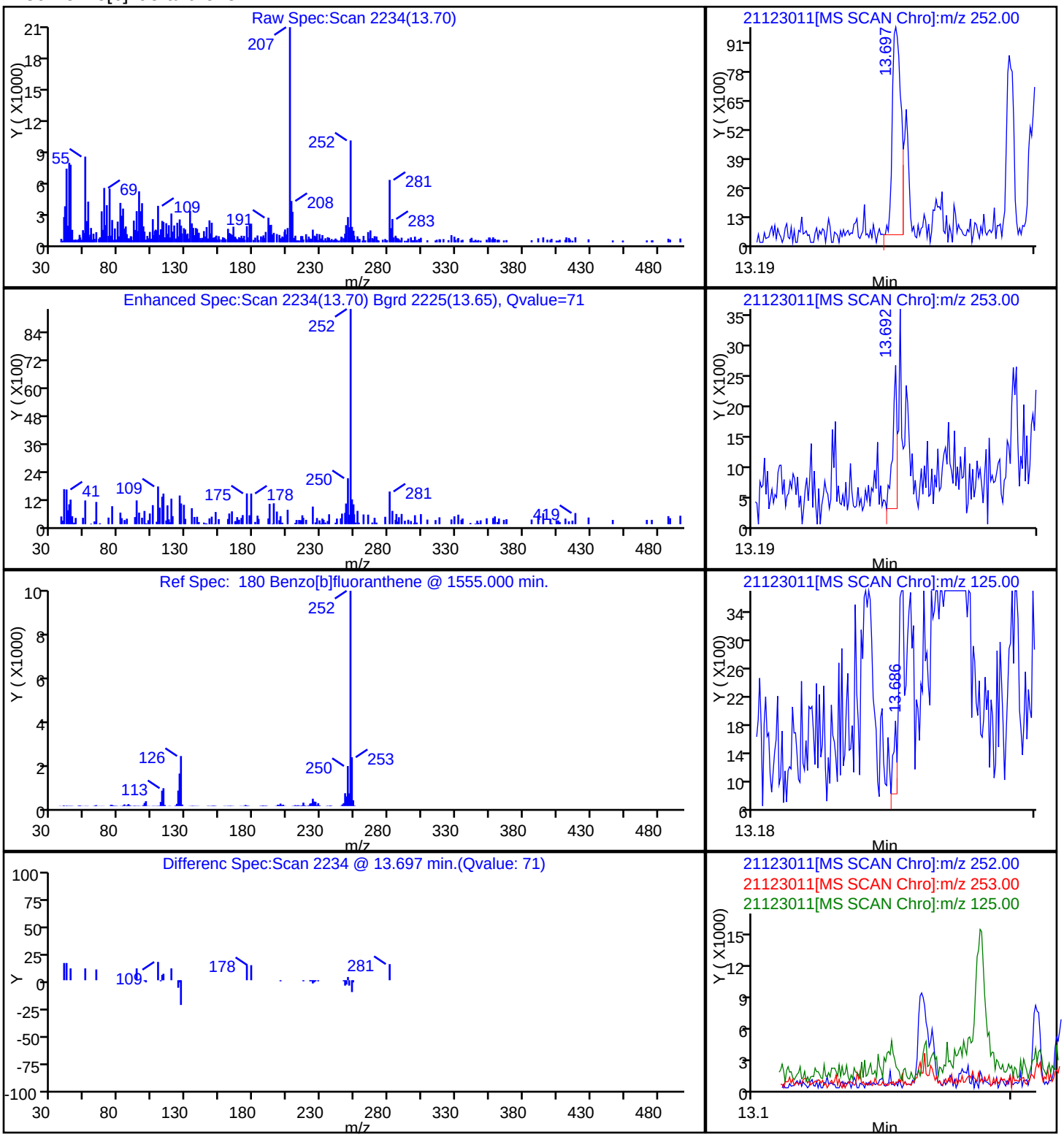


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

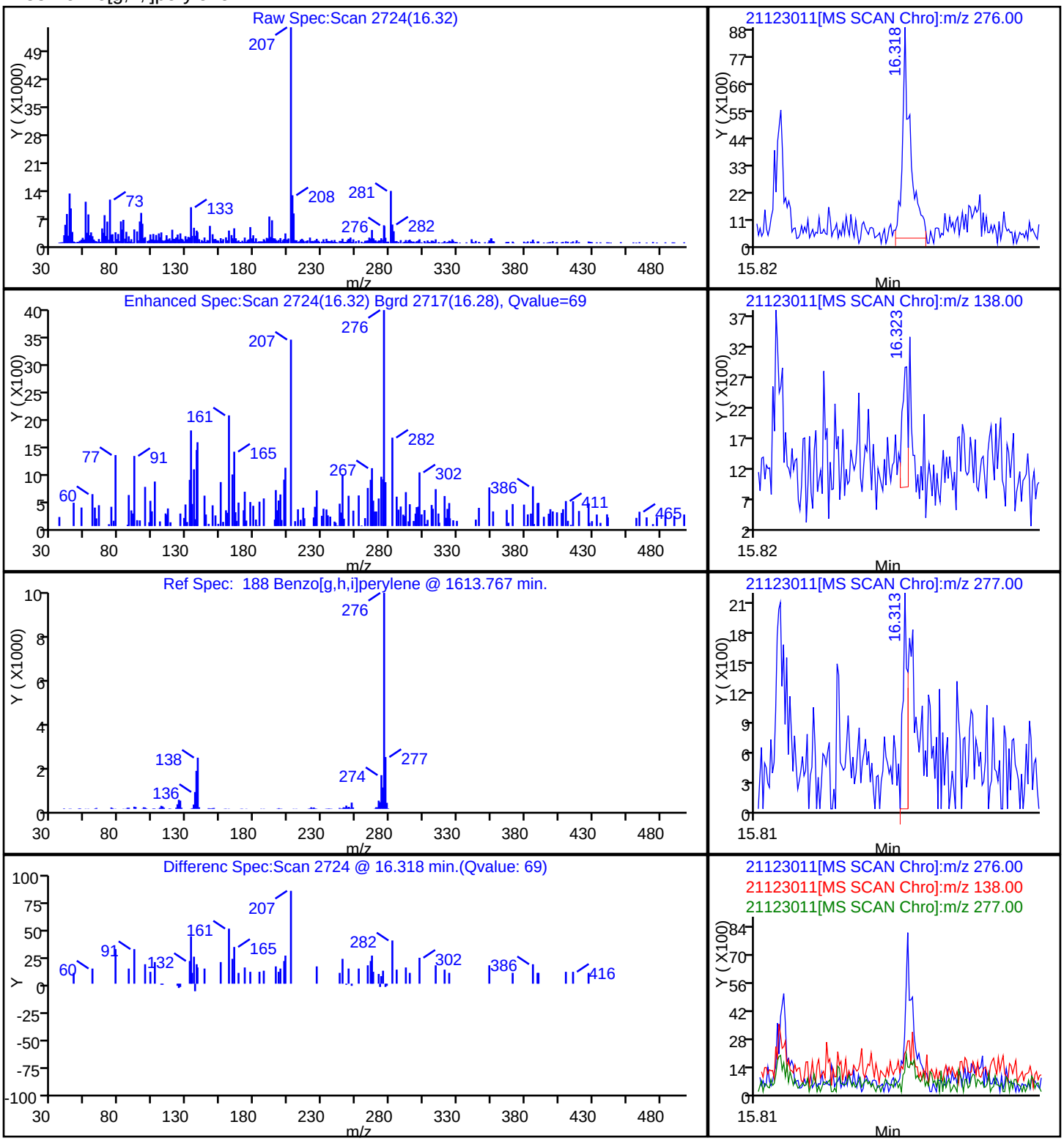


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

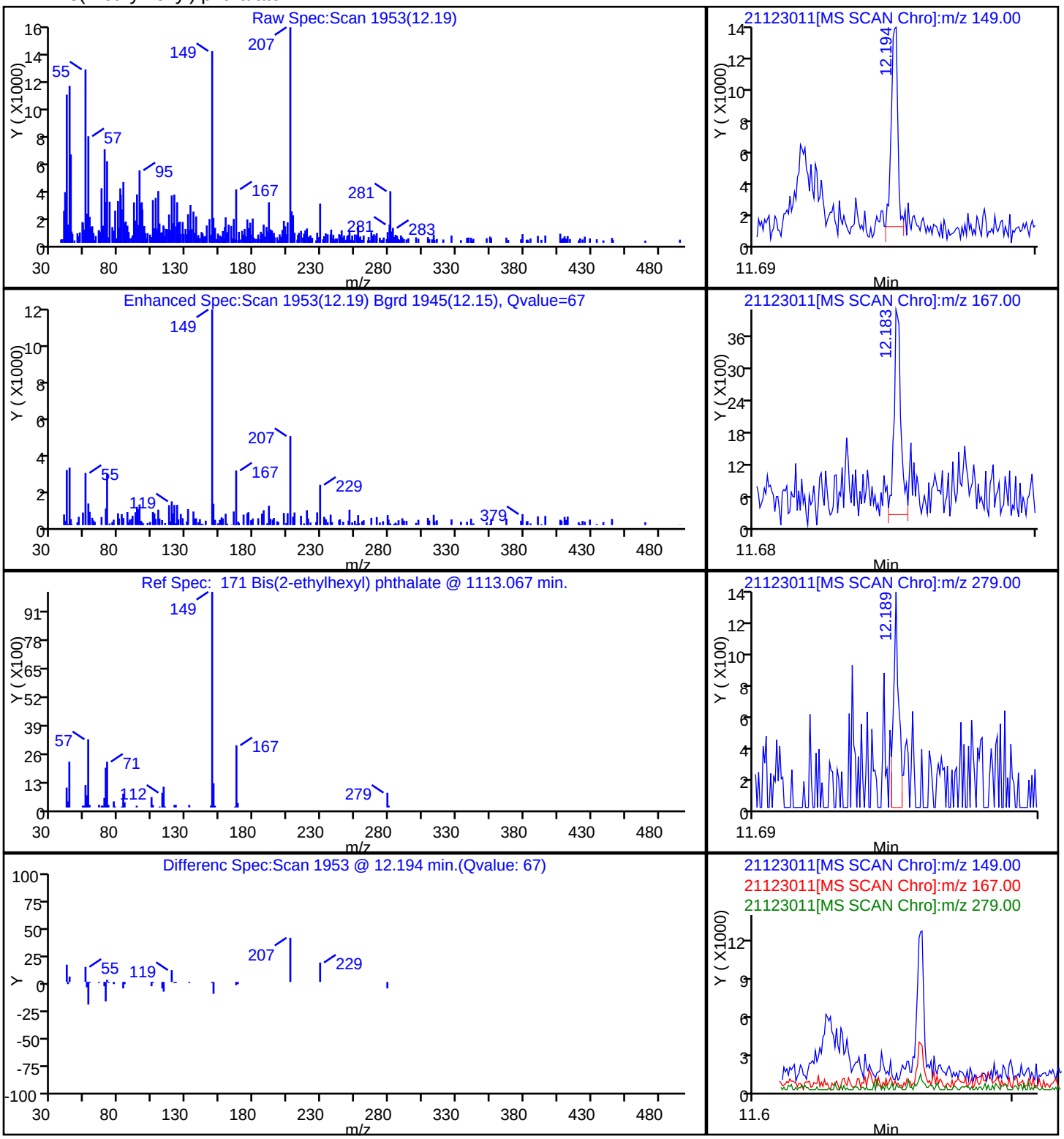


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

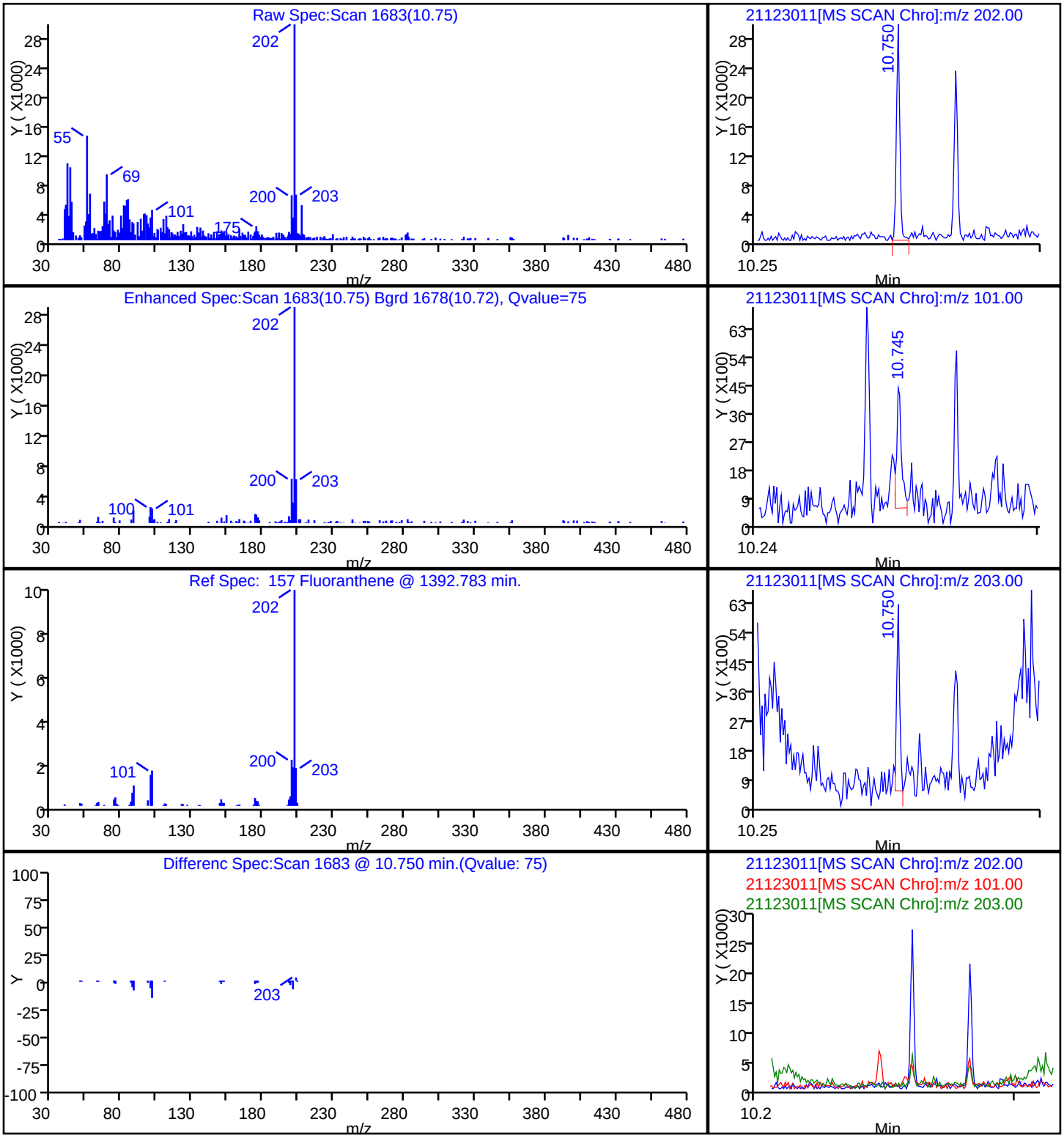


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

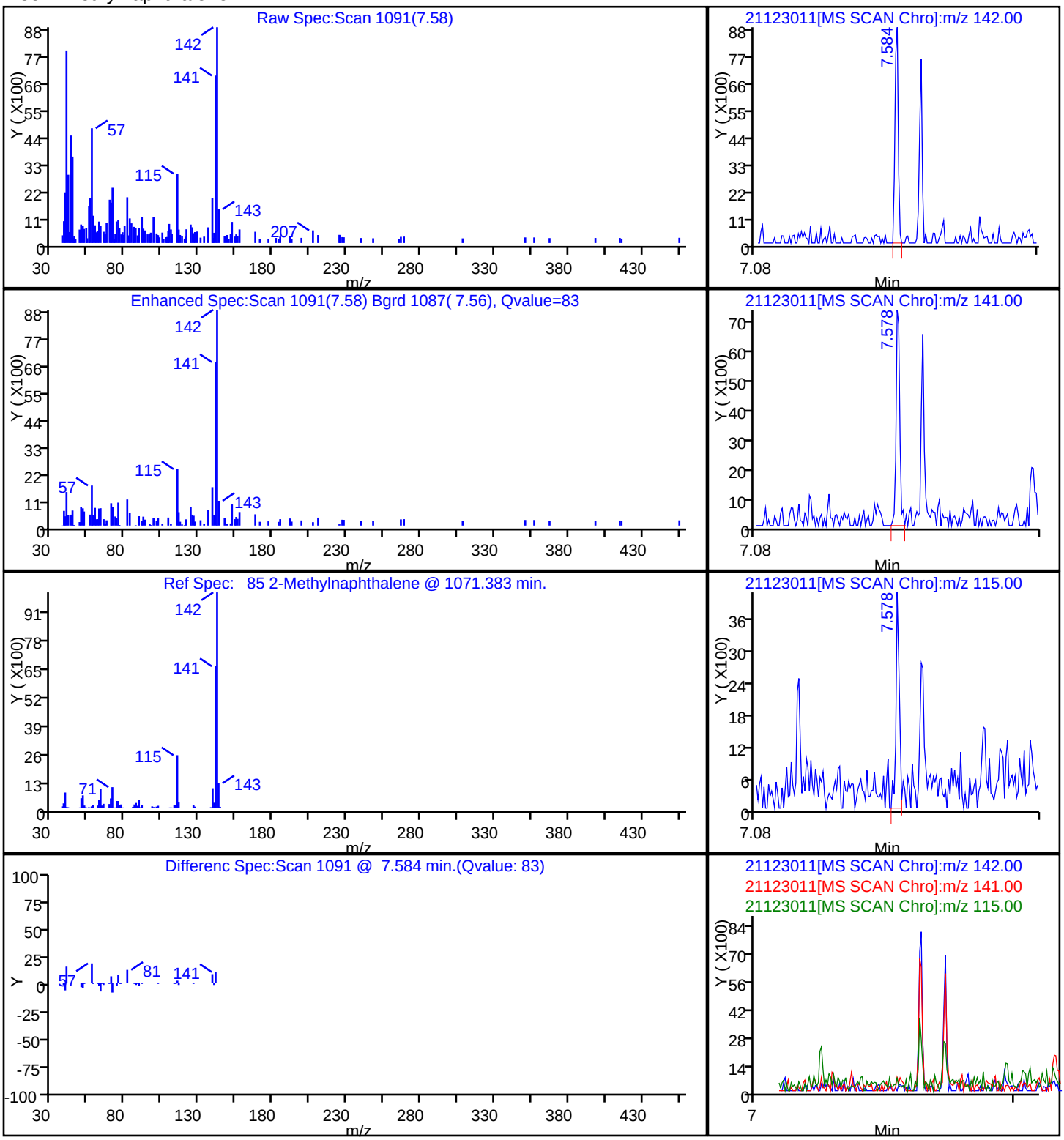


Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

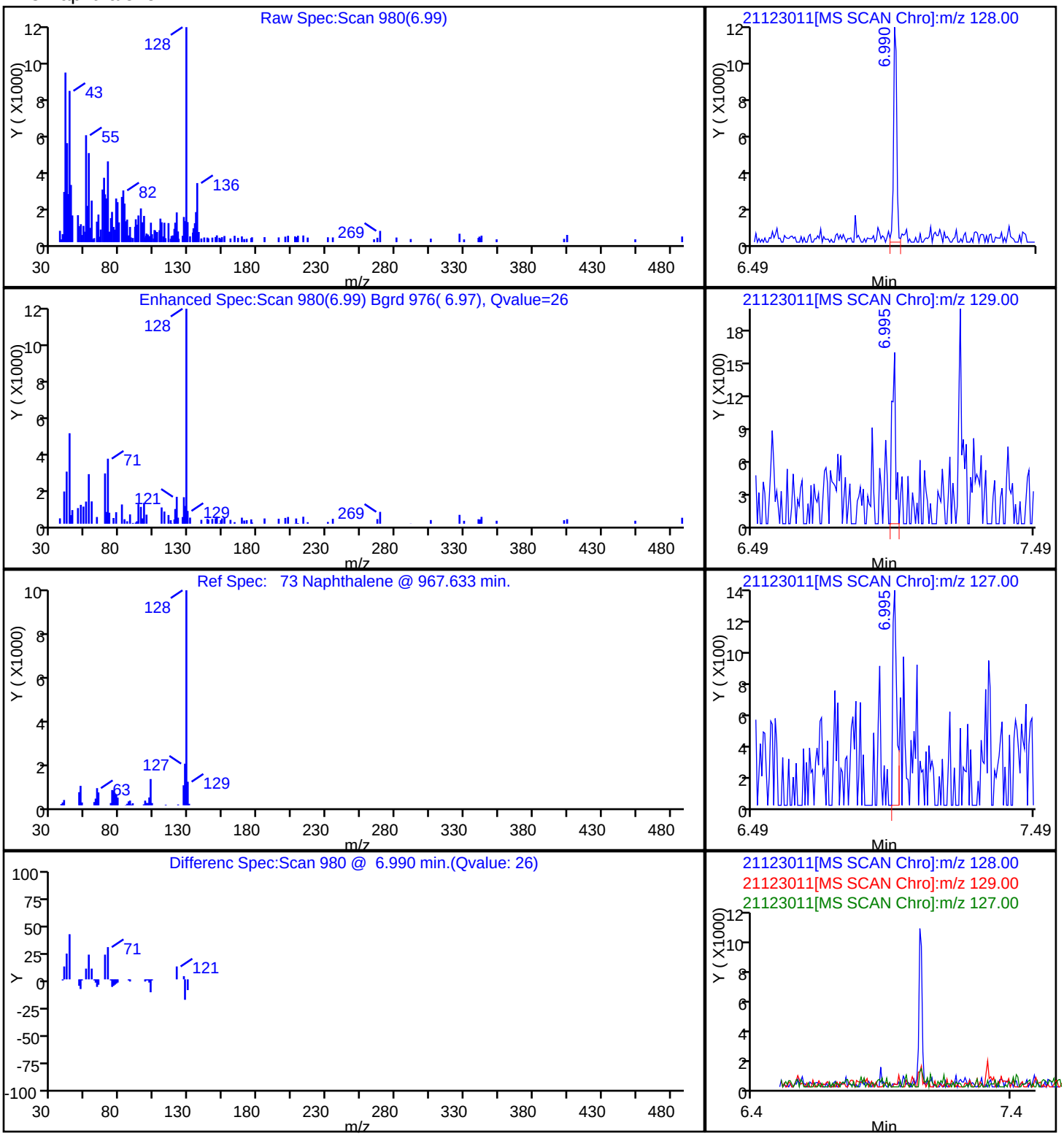


Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

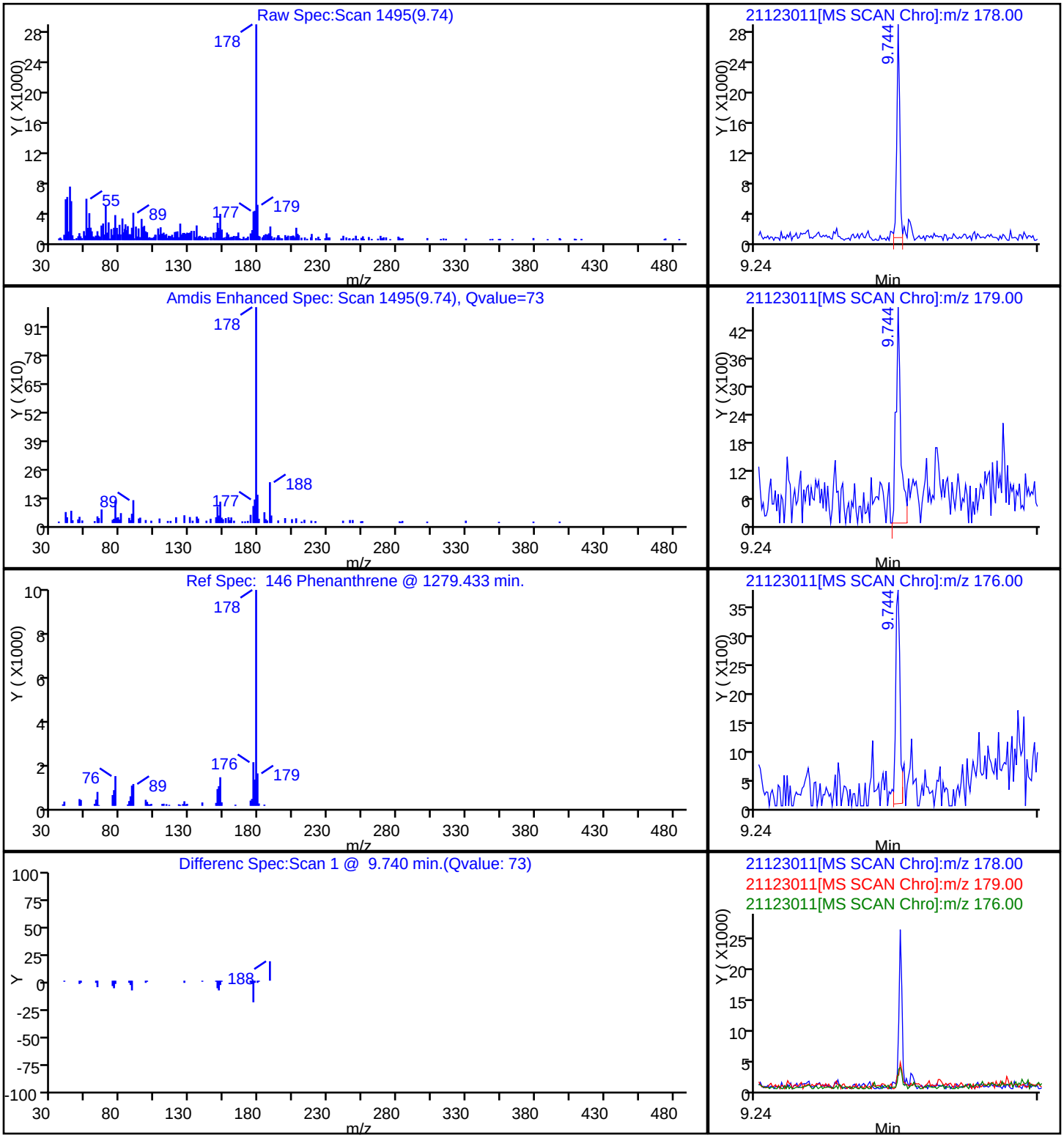


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

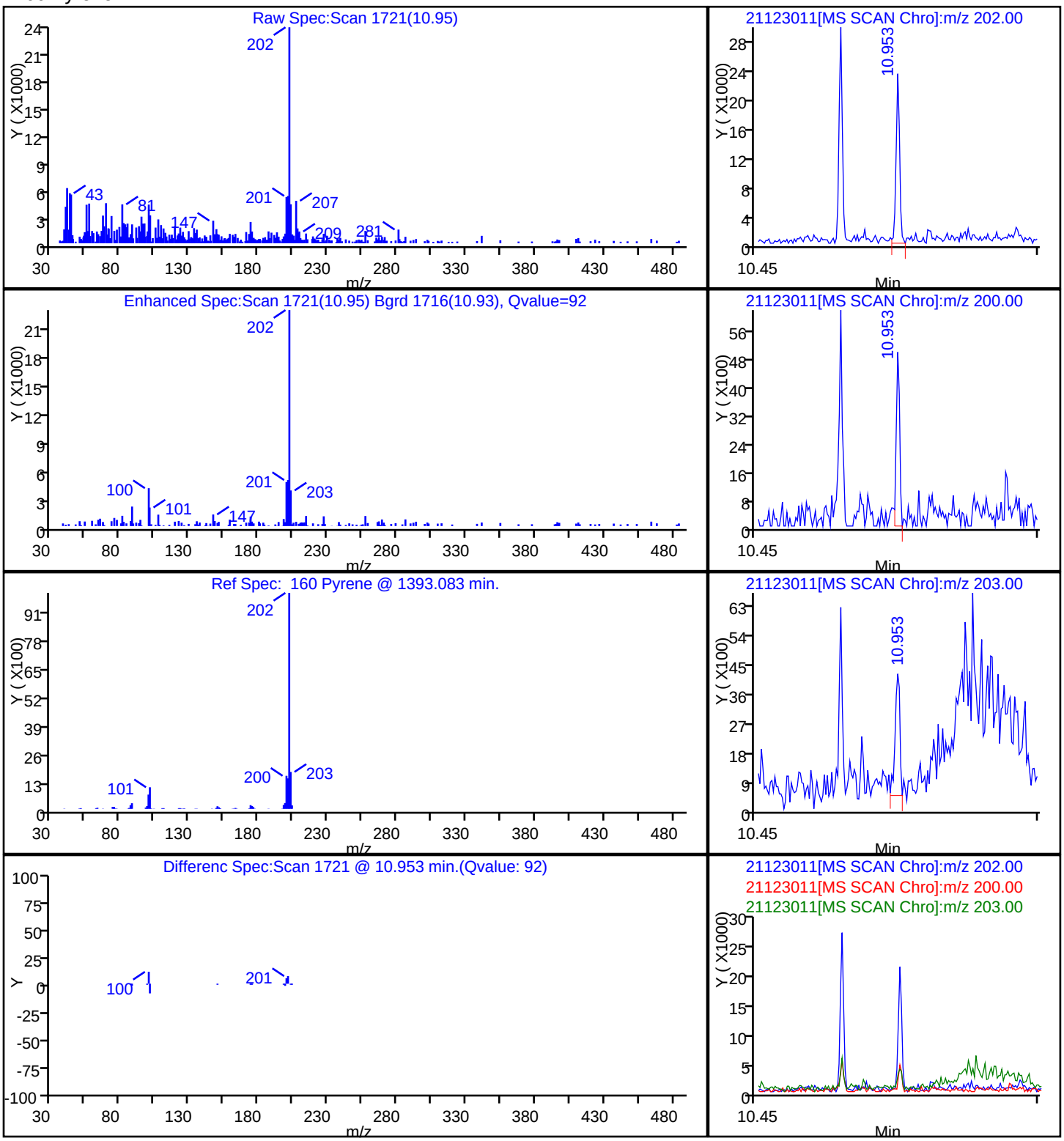


Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

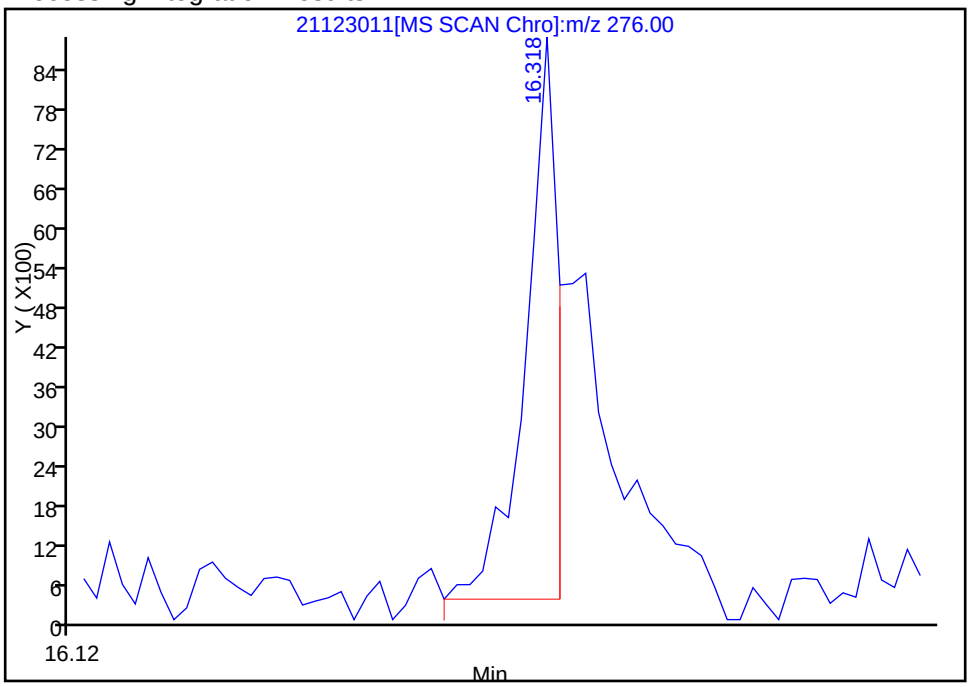
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123011.D		
Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0019M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.33

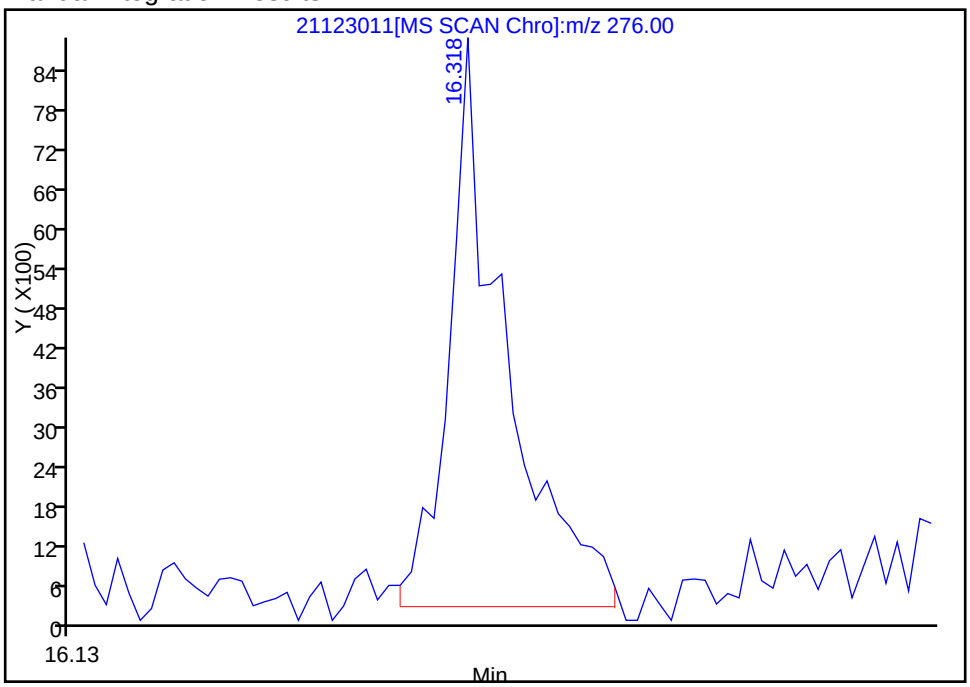
Processing Integration Results

RT: 16.32
Response: 8015
Amount: 0.045673



Manual Integration Results

RT: 16.32
Response: 15926
Amount: 0.090754



Reviewer: gruberj, 26-Nov-2012 11:23:58
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO | Lab Sample ID: 240-17422-2

Matrix: Solid | Lab File ID: 21123008.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.46(g) | Date Analyzed: 11/23/2012 12:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	19		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	19		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	10	M	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	9.7	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	98	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	98	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	98	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	36	J	49	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	49	27	13
85-68-7	Butyl benzyl phthalate	27	U	49	27	9.8
86-74-8	Carbazole	27	U	49	27	27
106-47-8	4-Chloroaniline	27	U J	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	49	3.3	3.3
95-57-8	2-Chlorophenol	27	U	49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	49	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	7.0	J	49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	33	J	49	27	20
95-50-1	1,2-Dichlorobenzene	27	U	49	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U J	98	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	21	J B	49	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	49	27	17
84-74-2	Di-n-butyl phthalate	16	J	49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO | Lab Sample ID: 240-17422-2

Matrix: Solid | Lab File ID: 21123008.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.46(g) | Date Analyzed: 11/23/2012 12:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	49	27	27
206-44-0	Fluoranthene	28		6.6	3.3	3.3
86-73-7	Fluorene	4.7	J	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	13		6.6	3.3	3.3
78-59-1	Isophorone	20	J	49	27	13
91-57-6	2-Methylnaphthalene	18		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	390	79	20
91-20-3	Naphthalene	20		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U J	200	79	16
100-01-6	4-Nitroaniline	27	U J	200	27	26
98-95-3	Nitrobenzene	3.3	U	98	3.3	2.2
88-75-5	2-Nitrophenol	27	U	49	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	49	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	49	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	22		6.6	3.3	3.3
108-95-2	Phenol	27	U	49	27	27
129-00-0	Pyrene	19		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	49	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO | Lab Sample ID: 240-17422-2

Matrix: Solid | Lab File ID: 21123008.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.46(g) | Date Analyzed: 11/23/2012 12:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	71		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	78		35-100
1718-51-0	Terphenyl-d14 (Surr)	79		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	82		35-125
4165-62-2	Phenol-d5 (Surr)	77		40-100

Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D
Lims ID: 240-17422-A-2-T Client ID: 076SS-0020M-0001-SO
Inject. Date: 23-Nov-2012 12:15:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015199-008
Misc. Info.: 240-17422-a-2-t
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 66051 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 23-Nov-2012 13:33:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	93	150402	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	571708	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	337434	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	580339	4.00	
* 5 Chrysene-d12	240	12.231	12.242	-0.011	95	614645	4.00	
* 6 Perylene-d12	264	14.275	14.275	0.0	97	538579	4.00	
$ 7 2-Fluorophenol	112	4.604	4.583	0.021	91	542854	11.7	
$ 8 Phenol-d5	99	5.503	5.503	0.0	96	684052	11.6	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	391693	7.79	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	775940	7.09	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	92	170817	12.2	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	98	901961	7.92	
41 Phenol	94	5.514	5.514	0.0	69	19564	0.3109	
44 Bis(2-chloroethyl)ether	93		5.605					9
46 2-Chlorophenol	128		5.658					9
47 1,3-Dichlorobenzene	146		5.802					
48 1,4-Dichlorobenzene	146	5.872	5.872	0.0	83	27415	0.5036	
49 Benzyl alcohol	108	5.968	5.968	0.0	82	9418	0.3006	
50 1,2-Dichlorobenzene	146		6.011					
51 2-Methylphenol	108		6.059					
52 2,2'-oxybis[1-chloropropane]	45		6.091					9
191 3 & 4 Methylphenol	108		6.193					
56 N-Nitrosodi-n-propylamine	70		6.204					
60 Hexachloroethane	117		6.311					
61 Nitrobenzene	77		6.364					
63 Isophorone	82	6.562	6.567	-0.005	94	27797	0.3048	
65 2-Nitrophenol	139		6.642					9
64 2,4-Dimethylphenol	107		6.658					
69 Benzoic acid	122	6.685	6.728	-0.043	84	12421	1.81	
68 Bis(2-chloroethoxy)methane	93		6.744					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.845					9
72 1,2,4-Trichlorobenzene	180		6.926					9
73 Naphthalene	128	6.990	6.995	-0.005	80	44583	0.3121	
74 4-Chloroaniline	127		7.033					
77 Hexachlorobutadiene	225		7.091					
84 4-Chloro-3-methylphenol	107		7.428					9
85 2-Methylnaphthalene	142	7.584	7.584	0.0	83	25079	0.2745	
88 Hexachlorocyclopentadiene	237		7.712					
90 2,4,6-Trichlorophenol	196		7.814					
91 2,4,5-Trichlorophenol	196		7.846					
98 2-Chloronaphthalene	162		8.001					
100 2-Nitroaniline	65		8.076					
103 Dimethyl phthalate	163		8.215					2
105 2,6-Dinitrotoluene	165		8.273					
107 Acenaphthylene	152		8.354					
108 3-Nitroaniline	138		8.418					
110 Acenaphthene	153		8.498					9
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					
112 2,4-Dinitrotoluene	165		8.616					9
114 Dibenzofuran	168	8.643	8.643	0.0	69	14617	0.1064	
119 Diethyl phthalate	149	8.798	8.803	-0.005	92	33543	0.3238	
121 4-Chlorophenyl phenyl ether	204		8.921					
124 Fluorene	166	8.926	8.931	-0.005	62	7973	0.0723	
123 4-Nitroaniline	138		8.937					9
126 4,6-Dinitro-2-methylphenol	198		8.958					
130 N-Nitrosodiphenylamine	169		9.017					
137 4-Bromophenyl phenyl ether	248		9.333					
139 Hexachlorobenzene	284		9.397					
141 Pentachlorophenol	266		9.557					
146 Phenanthrene	178	9.744	9.750	-0.006	78	51951	0.3277	
147 Anthracene	178		9.792					
149 Carbazole	167		9.916					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	82	42453	0.2470	
157 Fluoranthene	202	10.750	10.755	-0.005	70	75087	0.4288	
160 Pyrene	202	10.953	10.959	-0.005	93	56550	0.2883	
166 Butyl benzyl phthalate	149		11.536					
173 3,3'-Dichlorobenzidine	252		12.178					
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	74	40538	0.5506	
175 Benzo[a]anthracene	228		12.226					9
176 Chrysene	228		12.274					9
178 Di-n-octyl phthalate	149		13.082					9
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	87	50026	0.2912	
181 Benzo[k]fluoranthene	252	13.724	13.745	-0.021	1	27679	0.1483	M
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	57	31583	0.2947	
186 Indeno[1,2,3-cd]pyrene	276	15.901	15.906	-0.005	61	21986	0.1961	
187 Dibenz(a,h)anthracene	278		15.933					
188 Benzo[g,h,i]perylene	276	16.329	16.334	-0.005	0	24138	0.1565	M

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

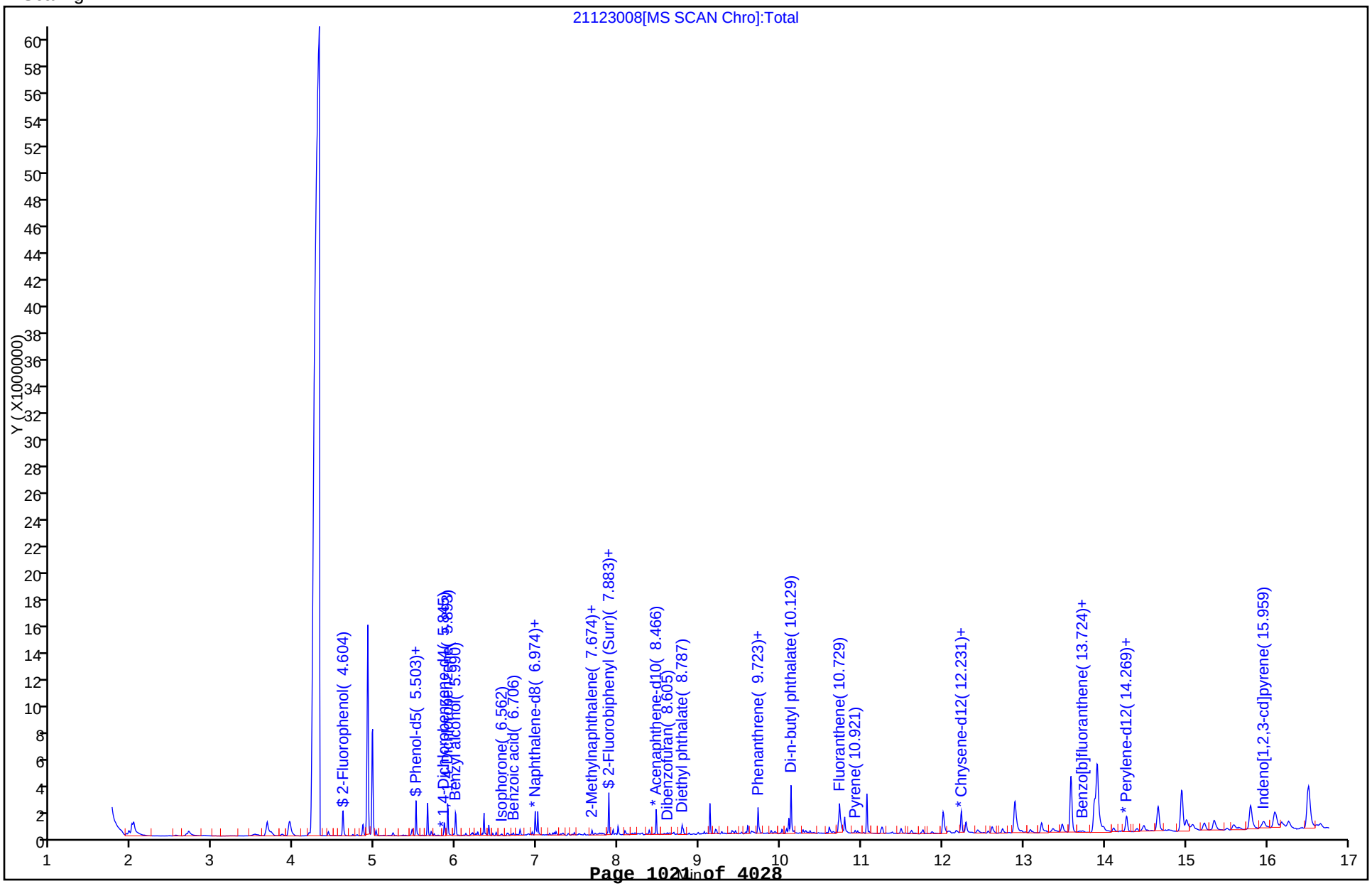
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

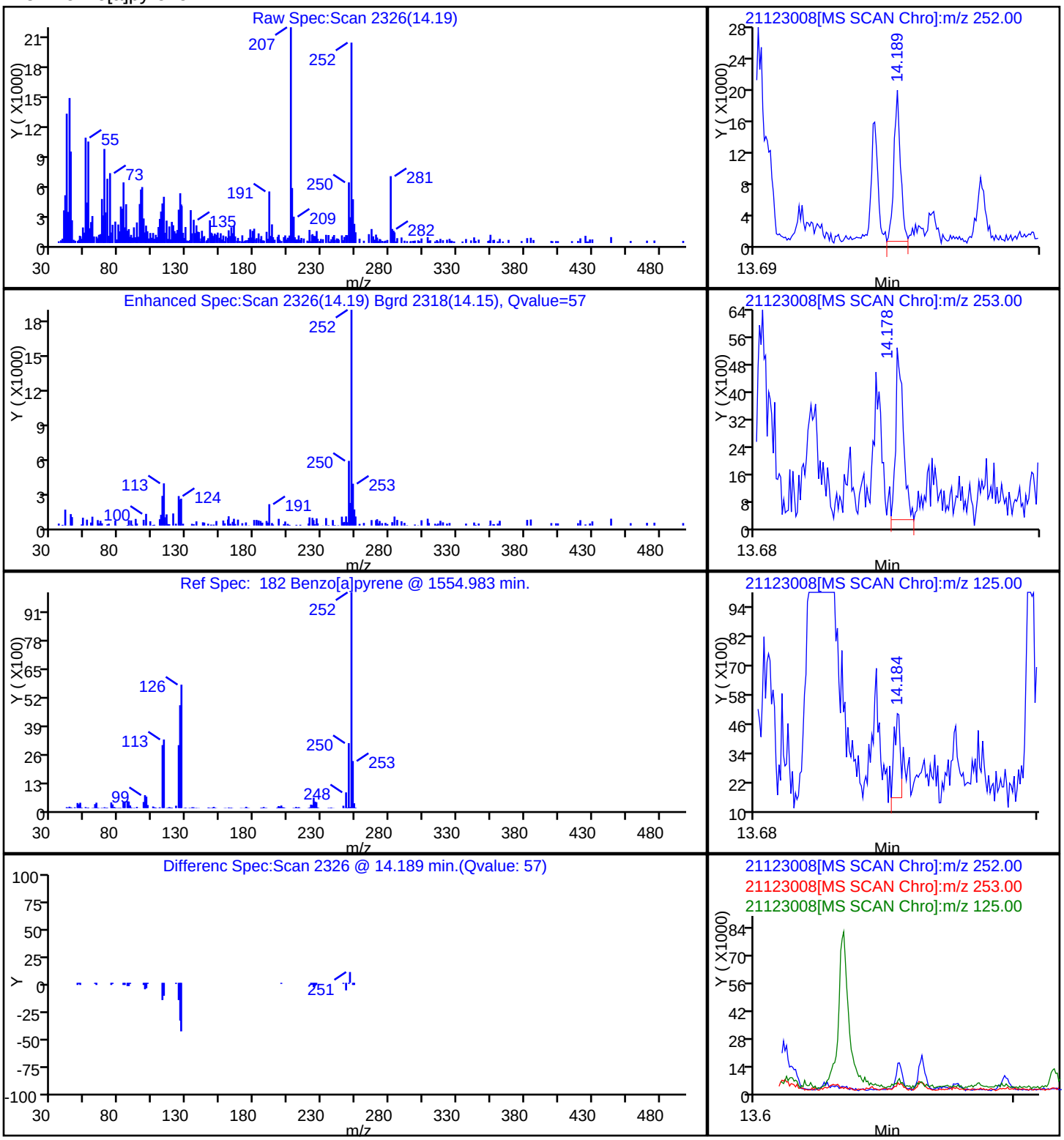


Report Date: 26-Nov-2012 11:33:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

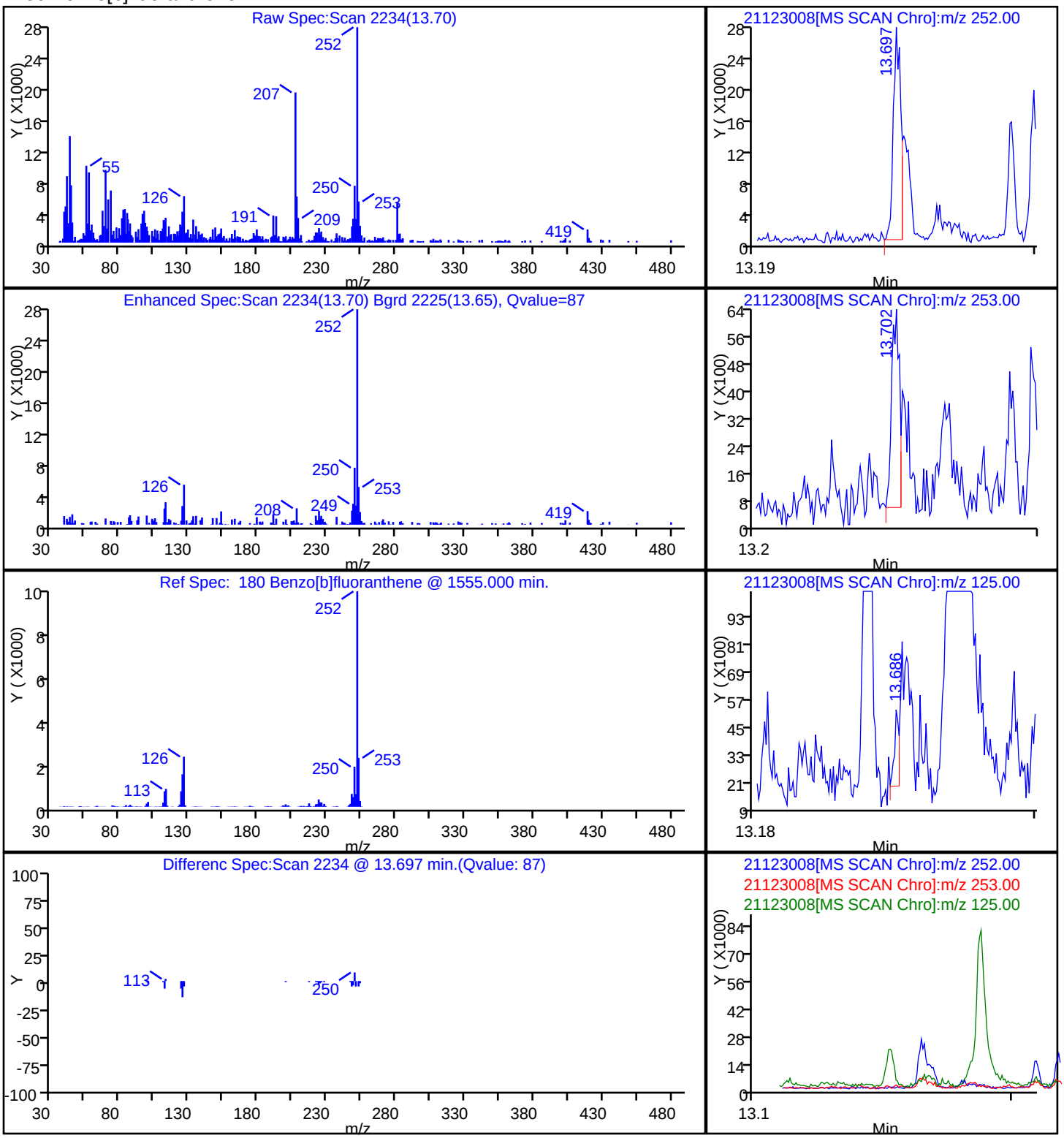


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

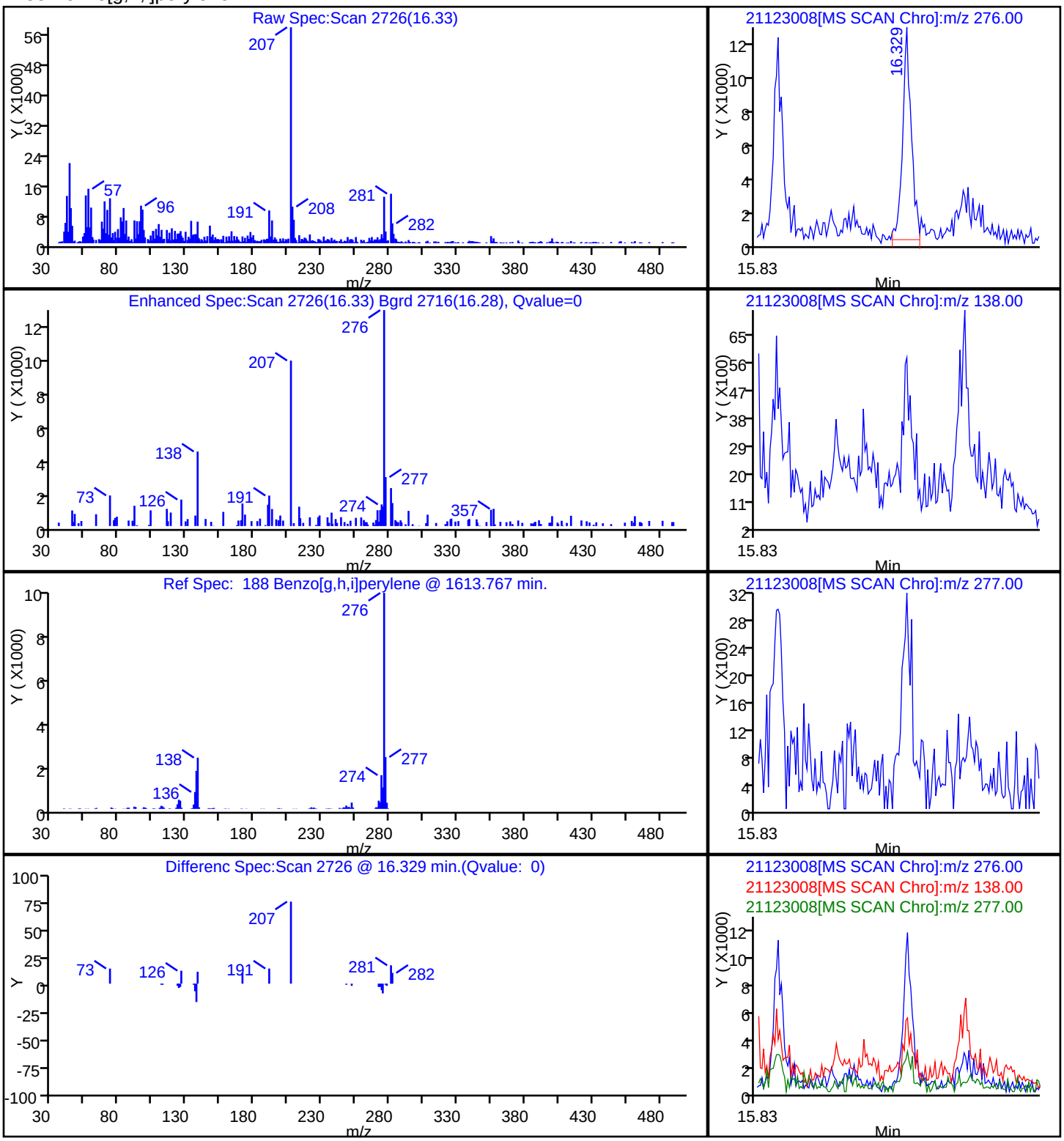


Report Date: 26-Nov-2012 11:33:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



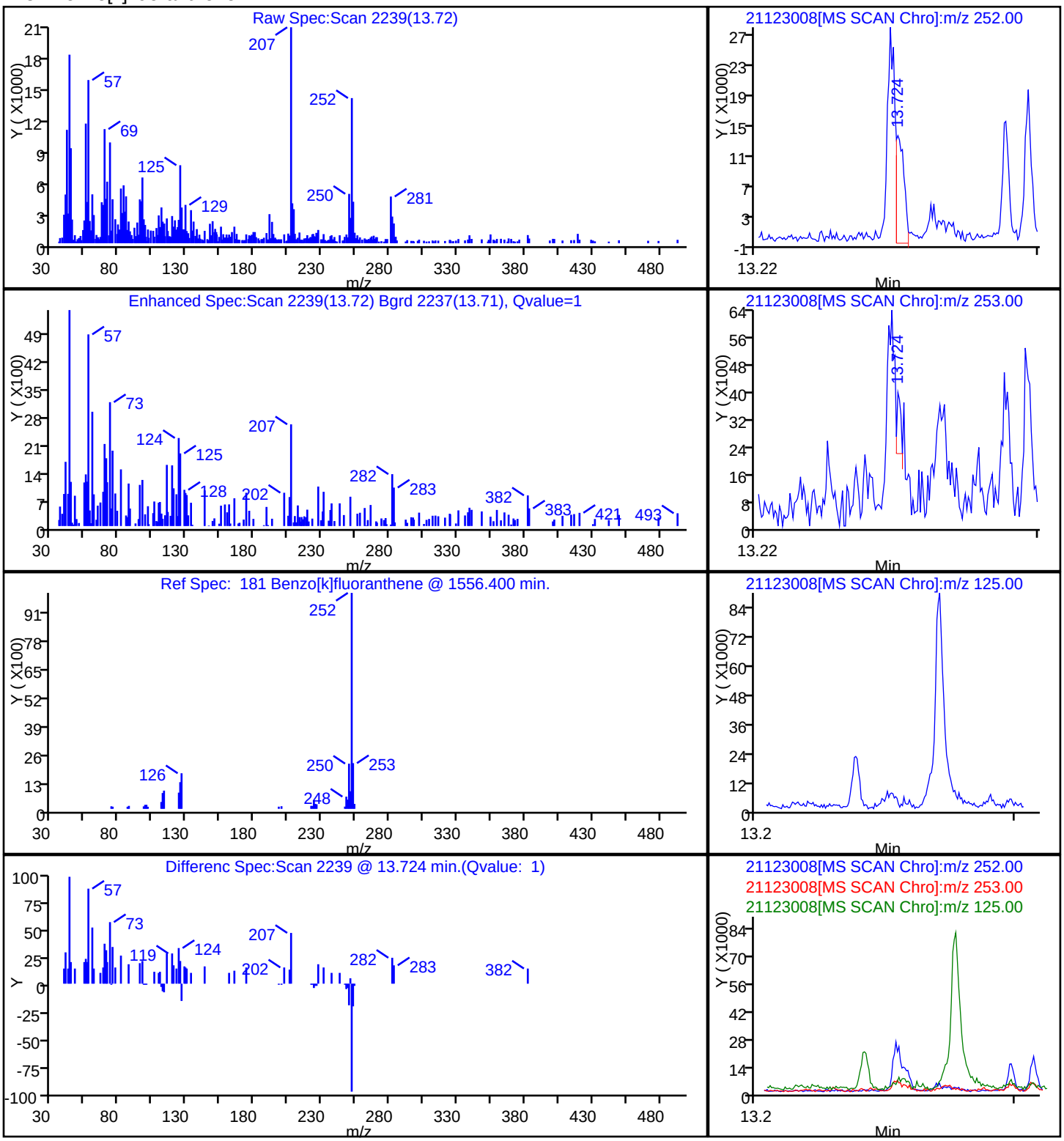
Report Date: 26-Nov-2012 11:33:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



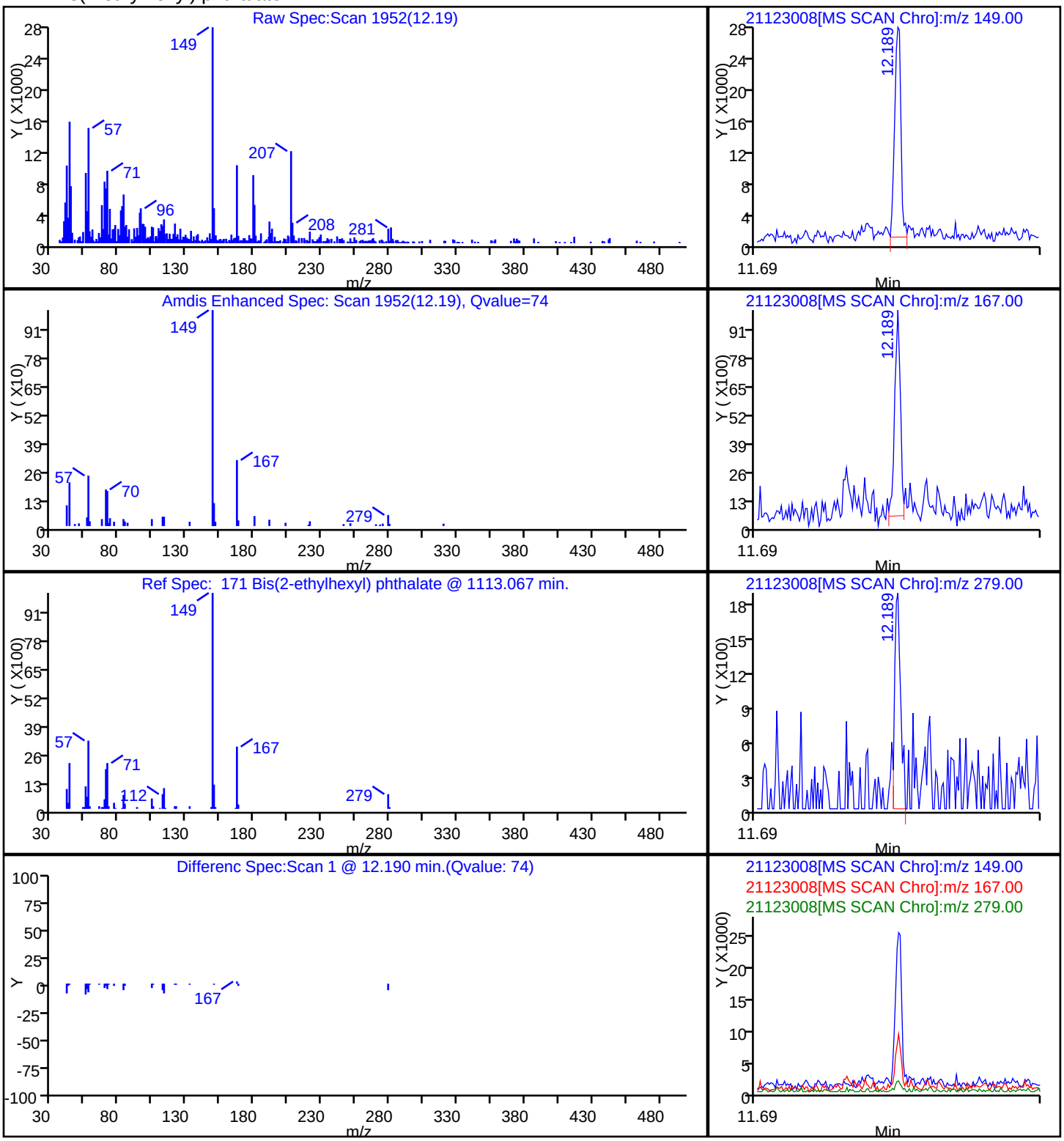
Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

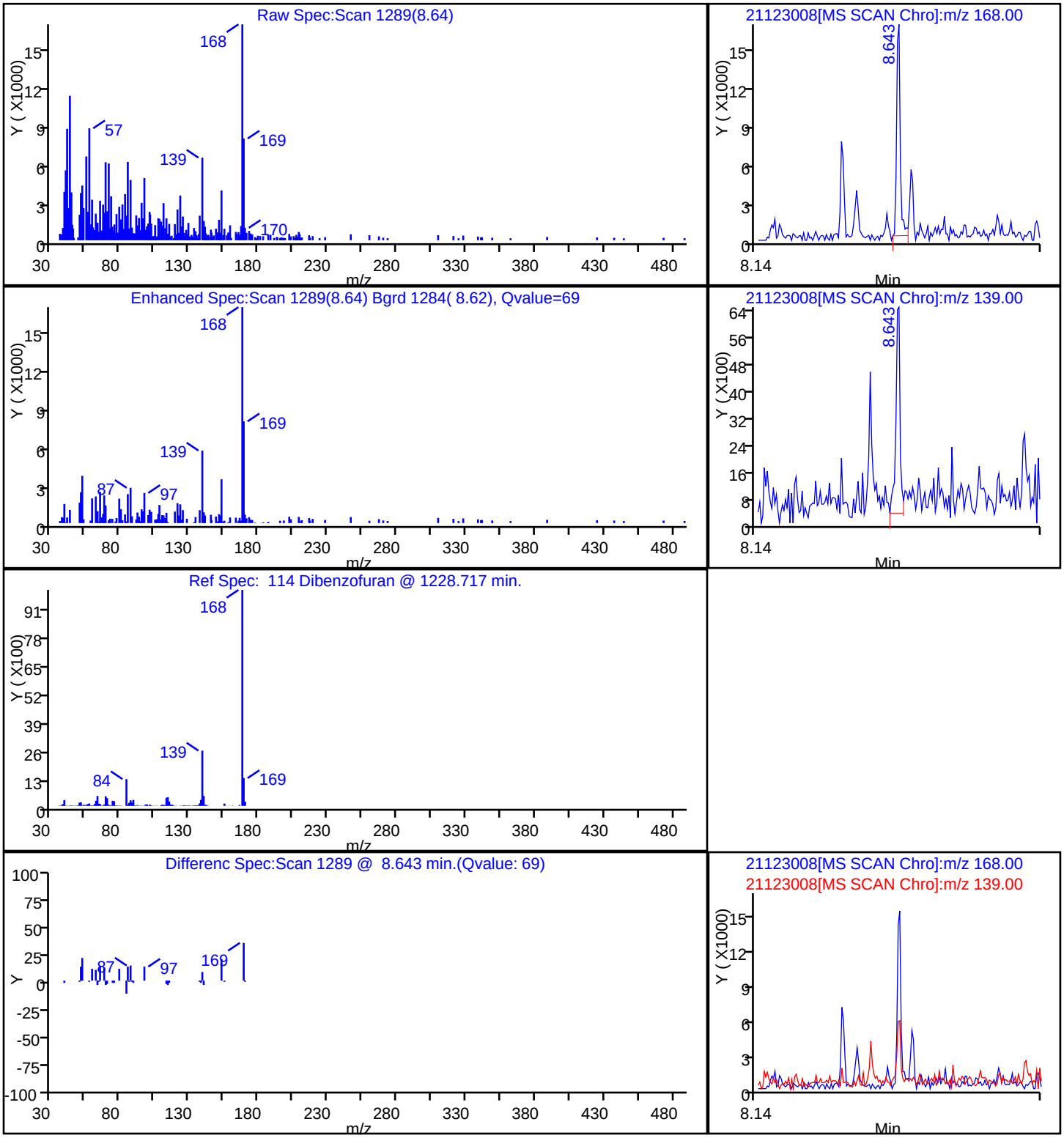


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



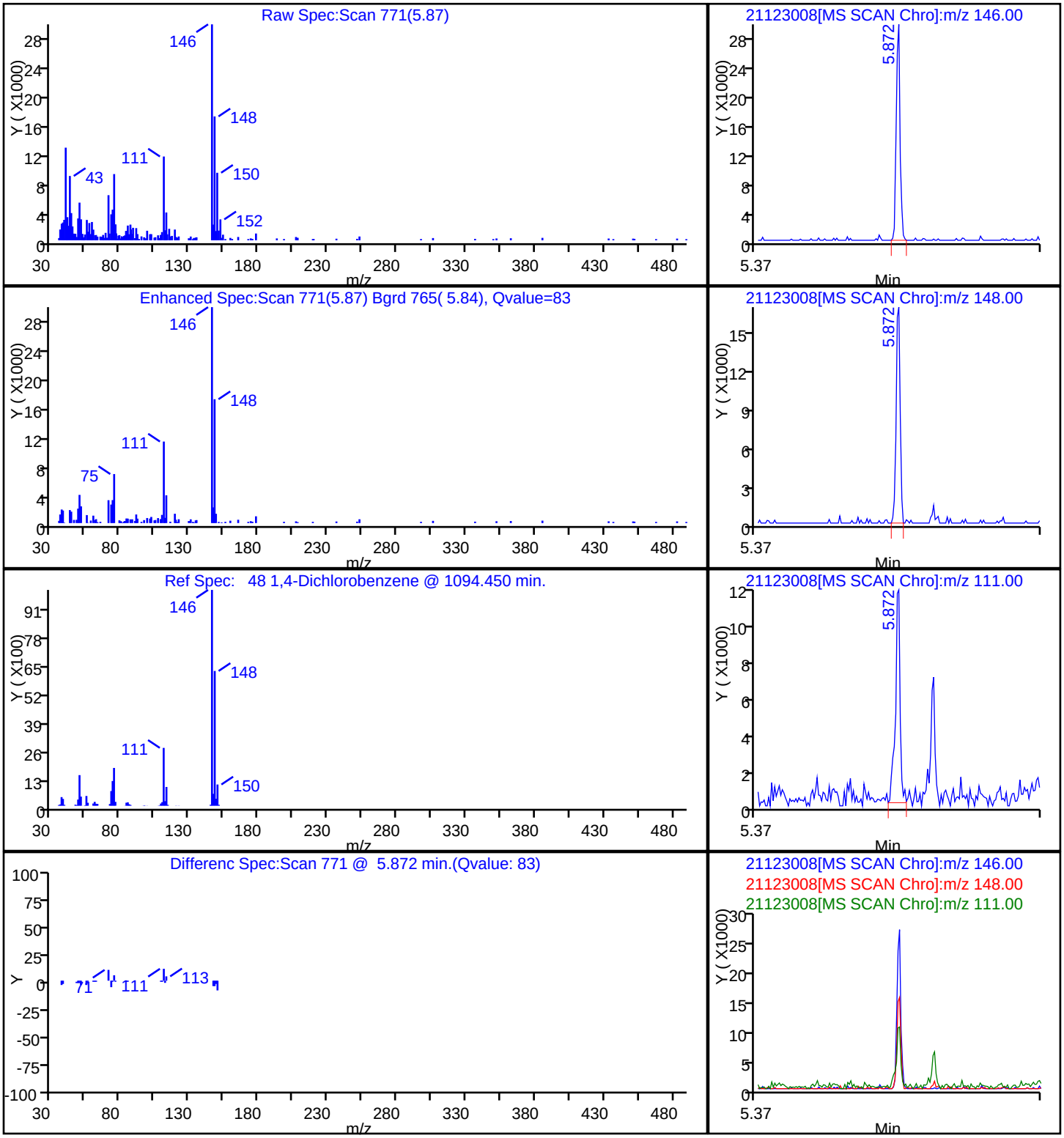
Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D

Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

48 1,4-Dichlorobenzene

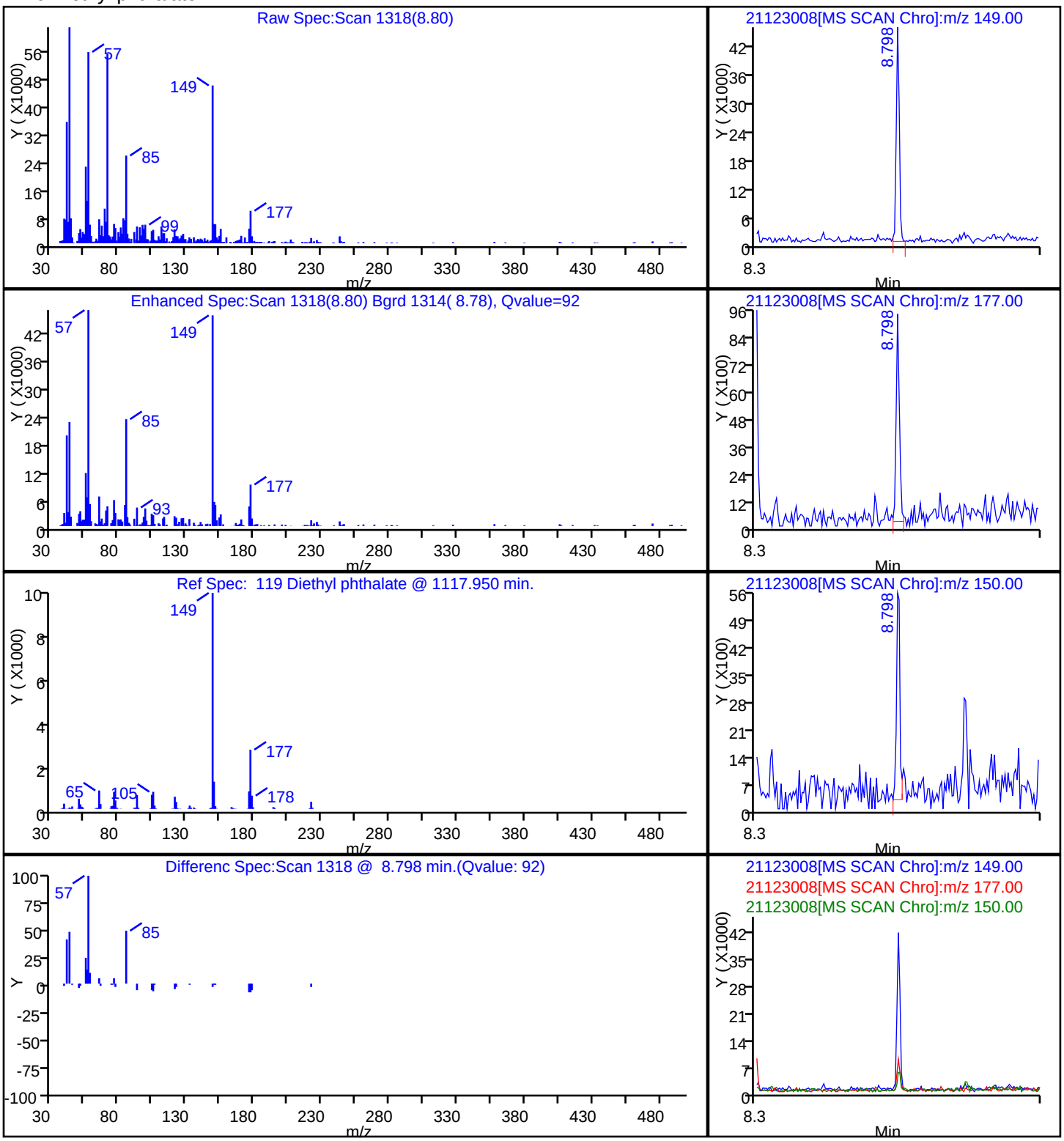


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

119 Diethyl phthalate

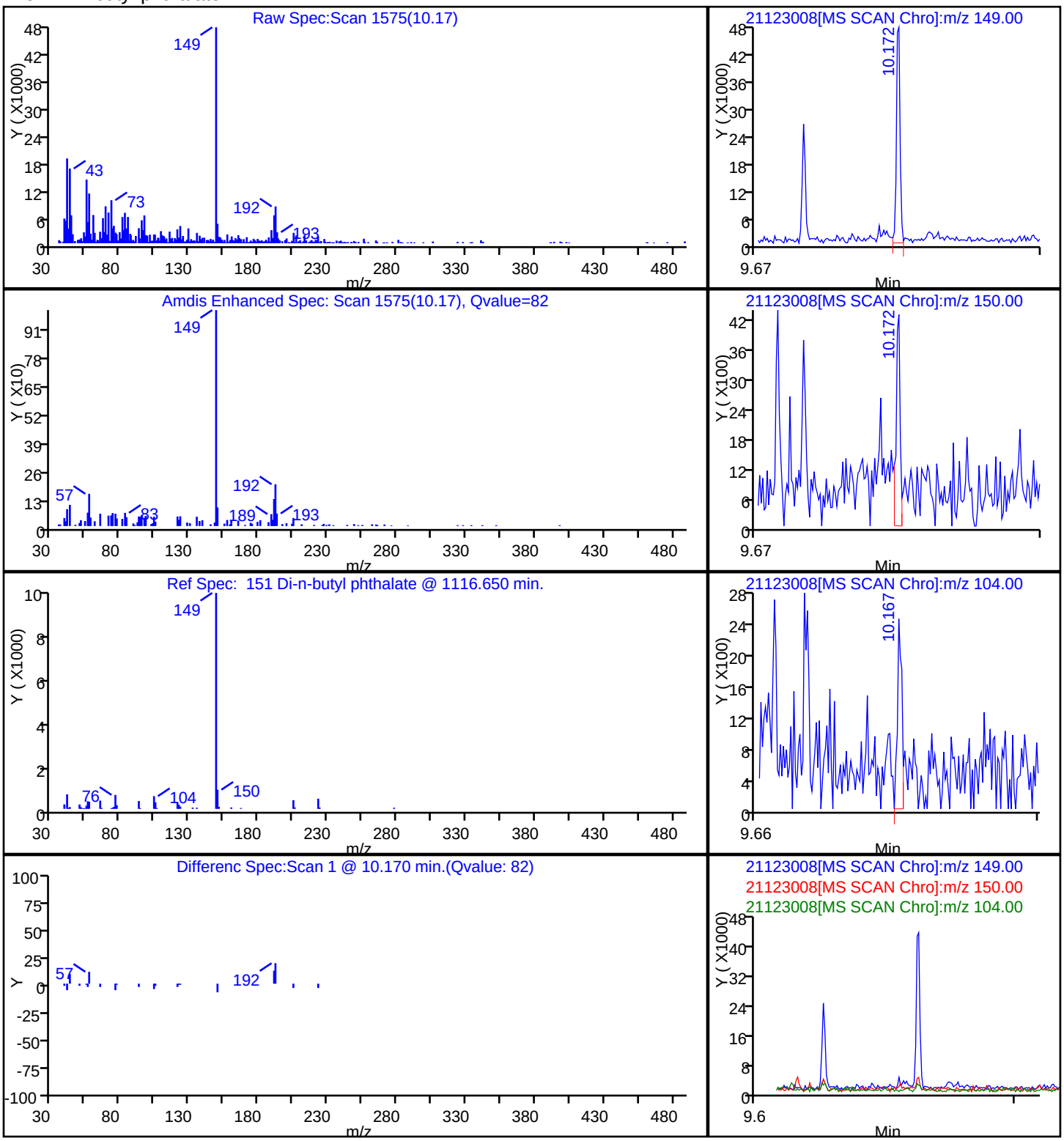


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate

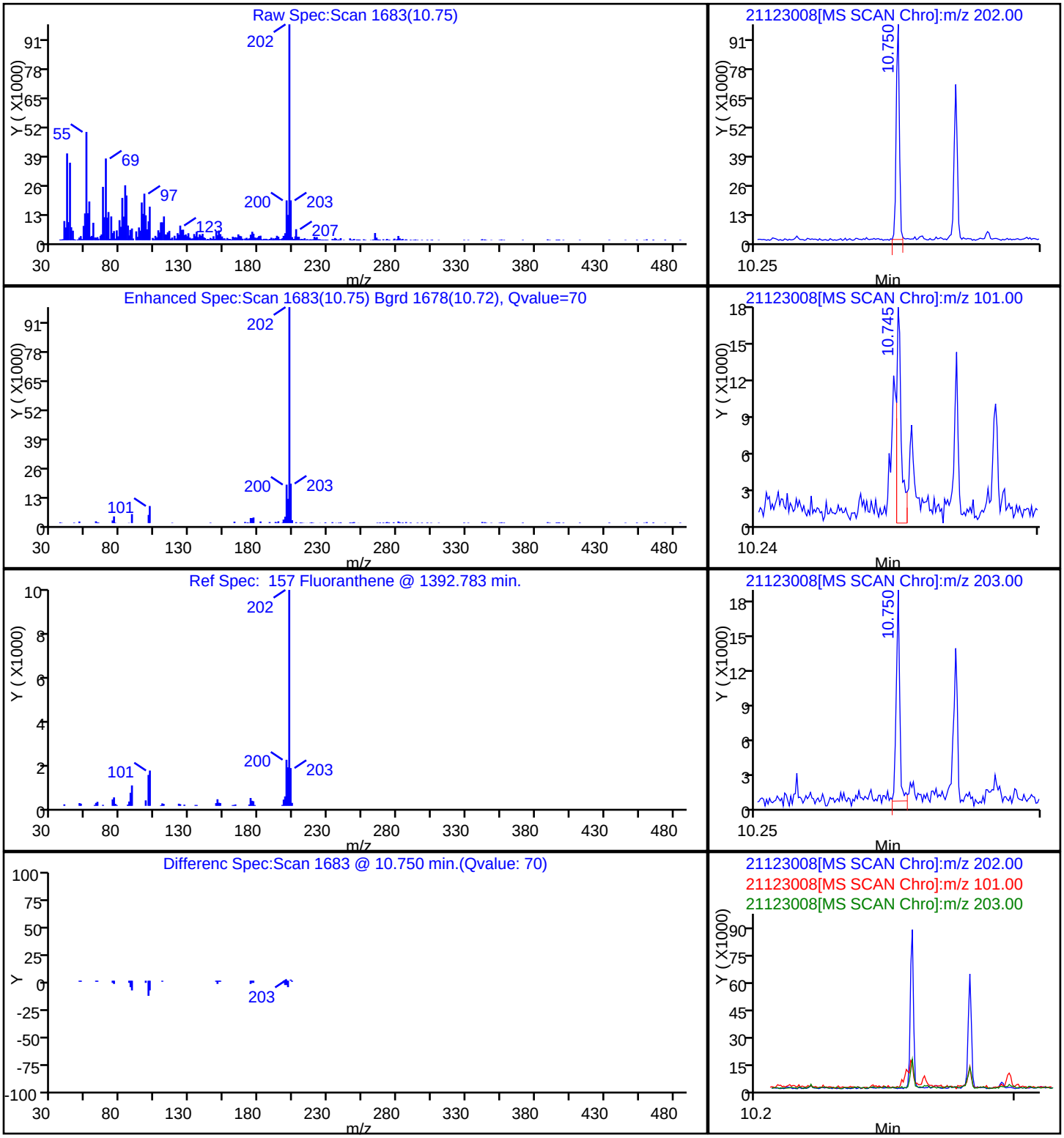


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

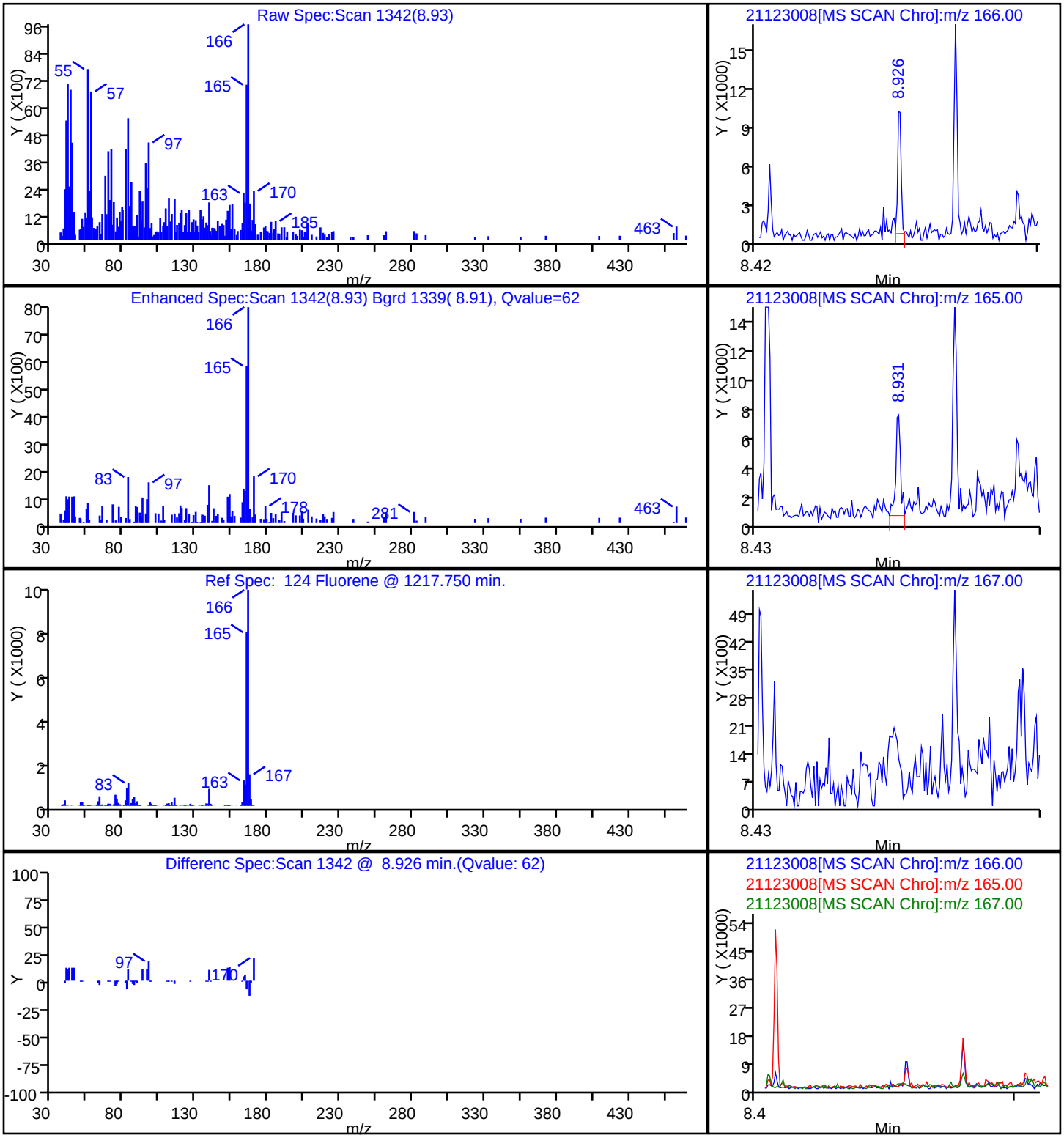


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

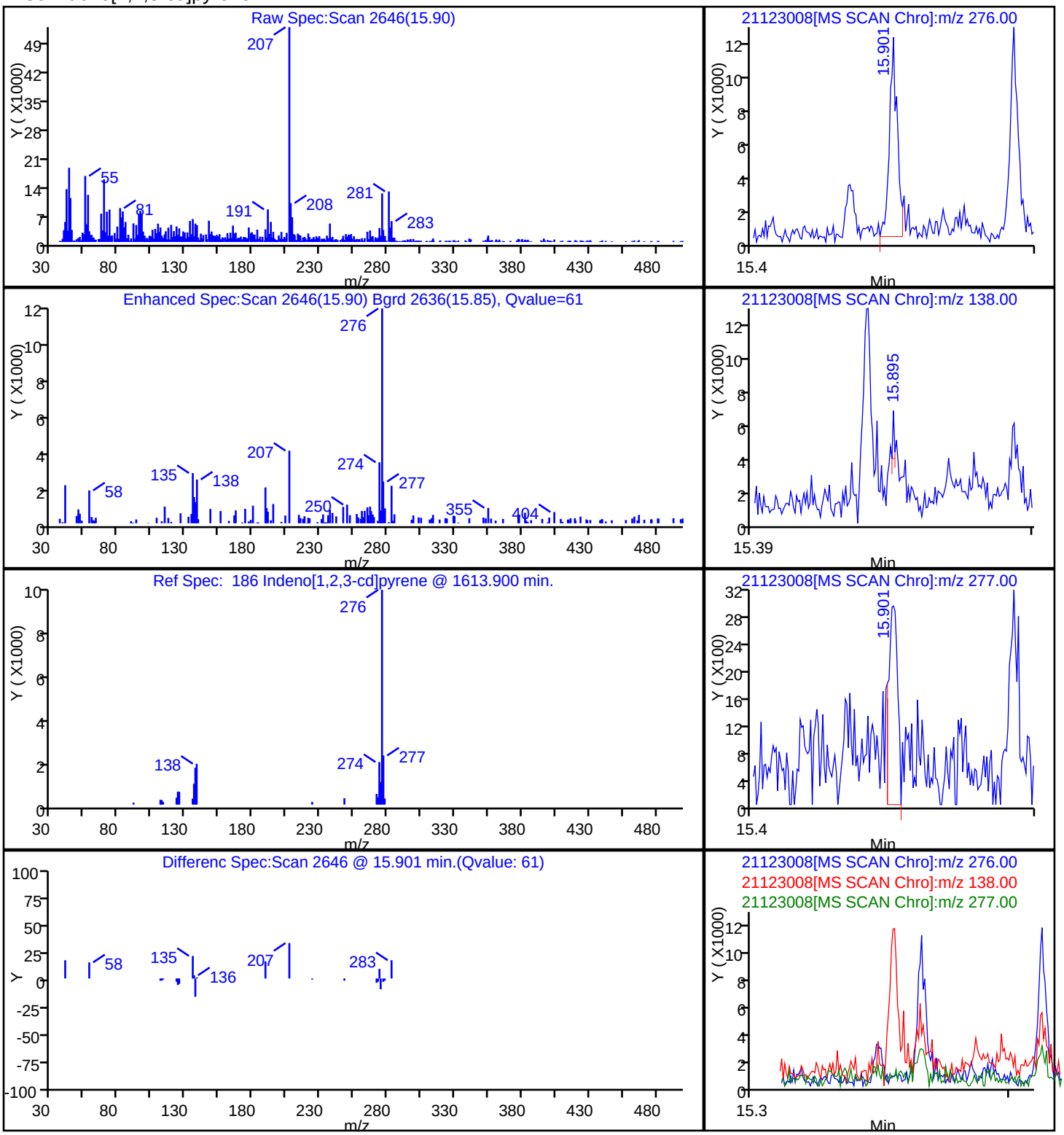


Report Date: 26-Nov-2012 11:33:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

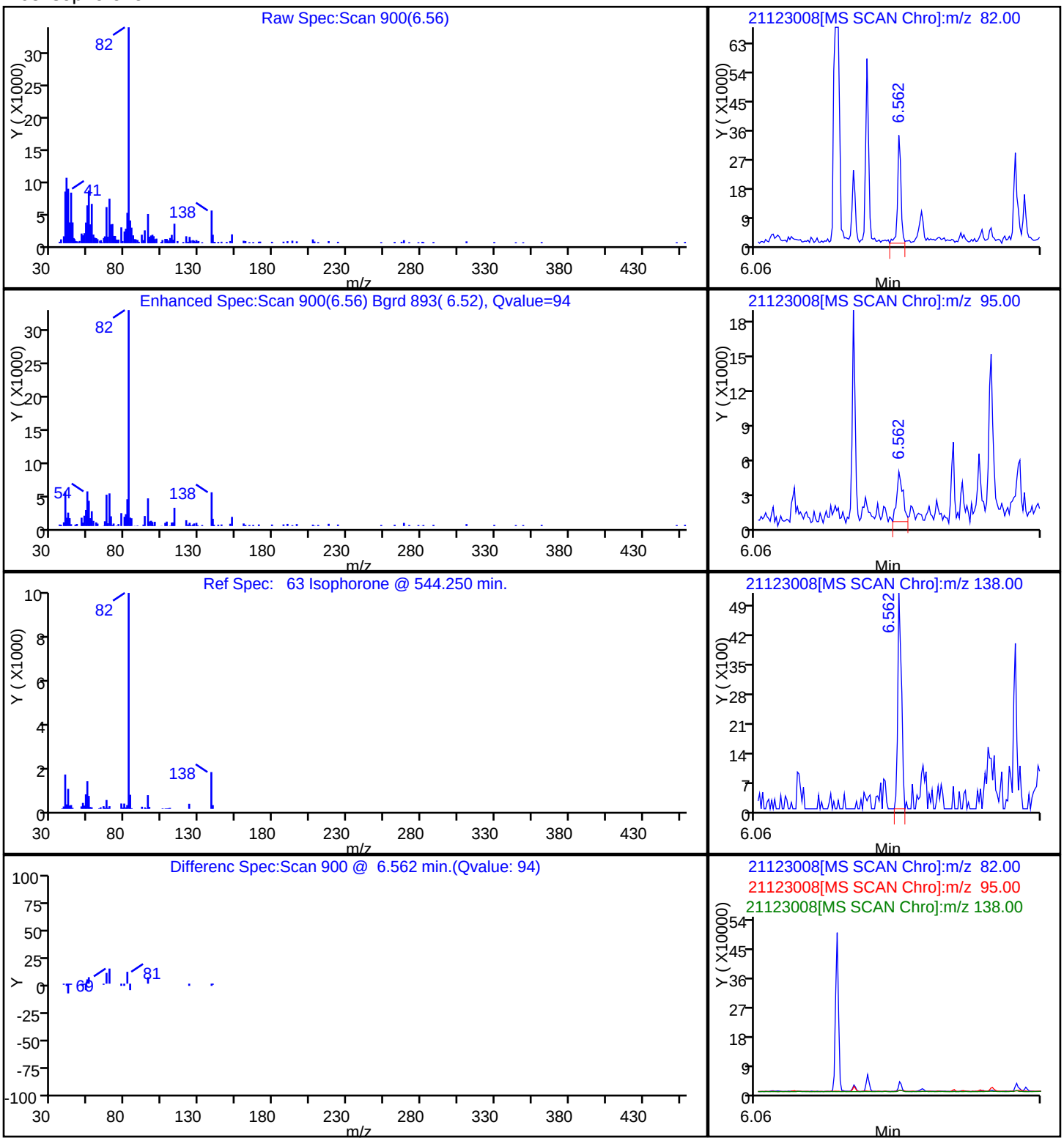


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone



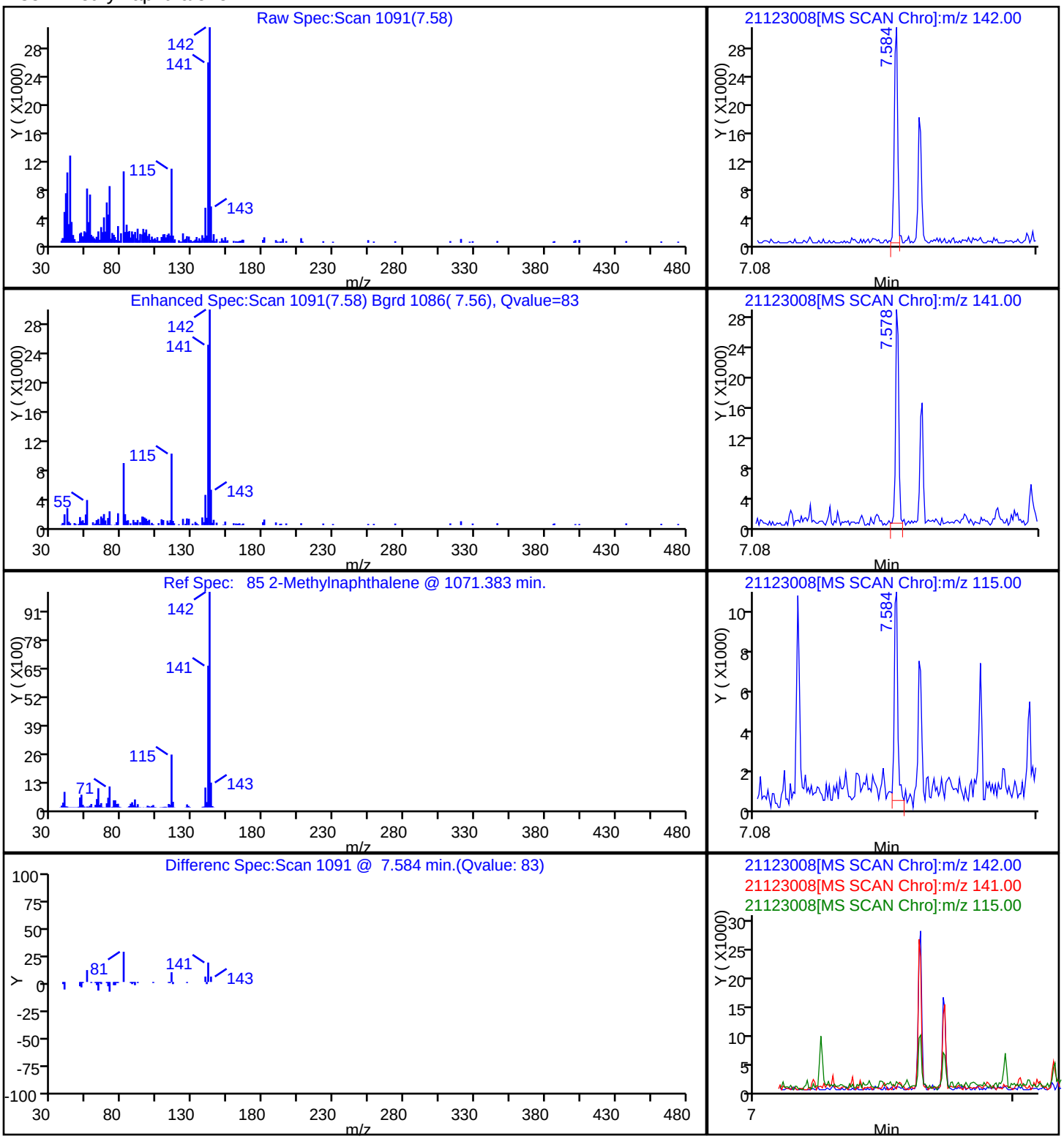
Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D

Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

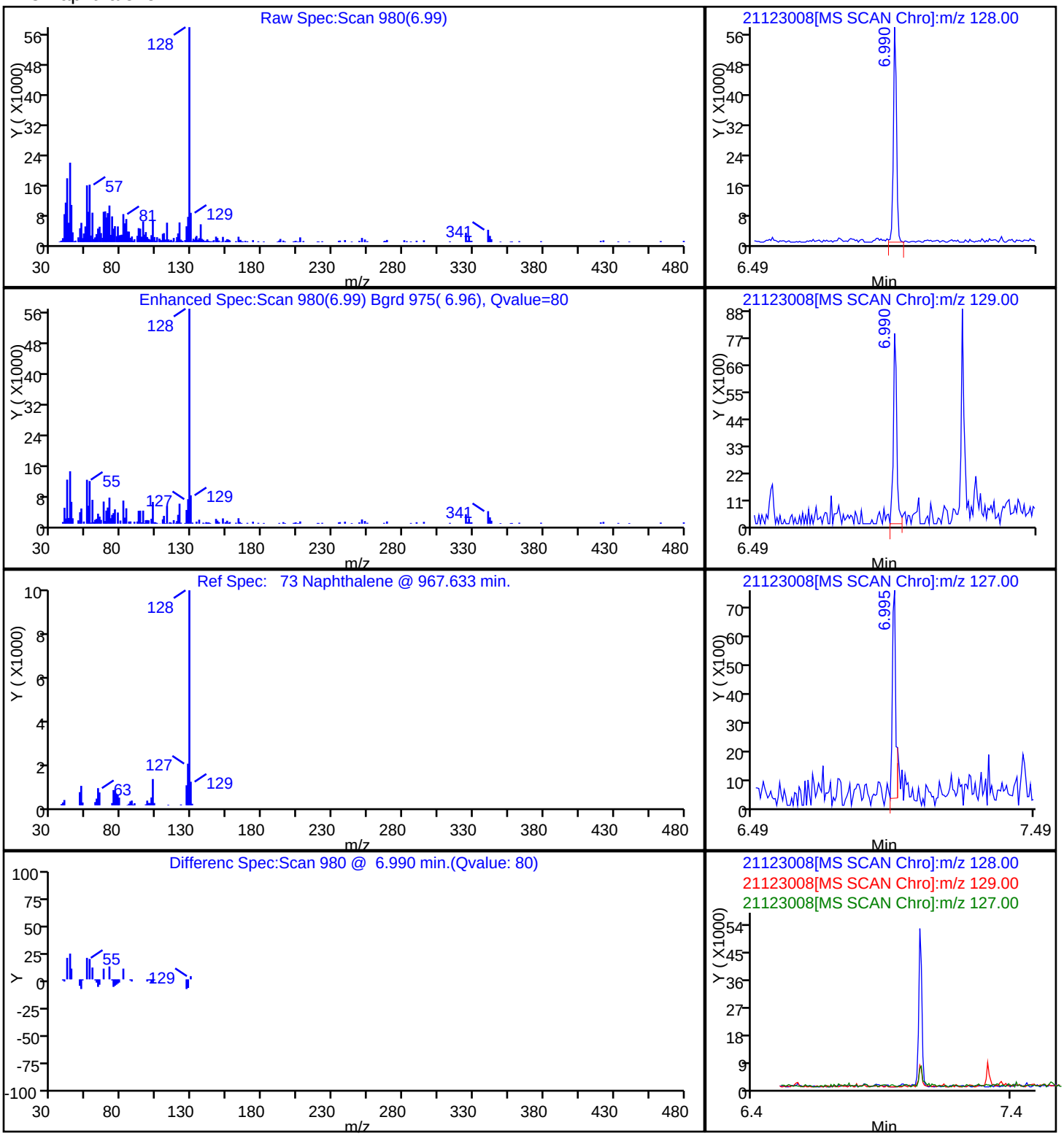


Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



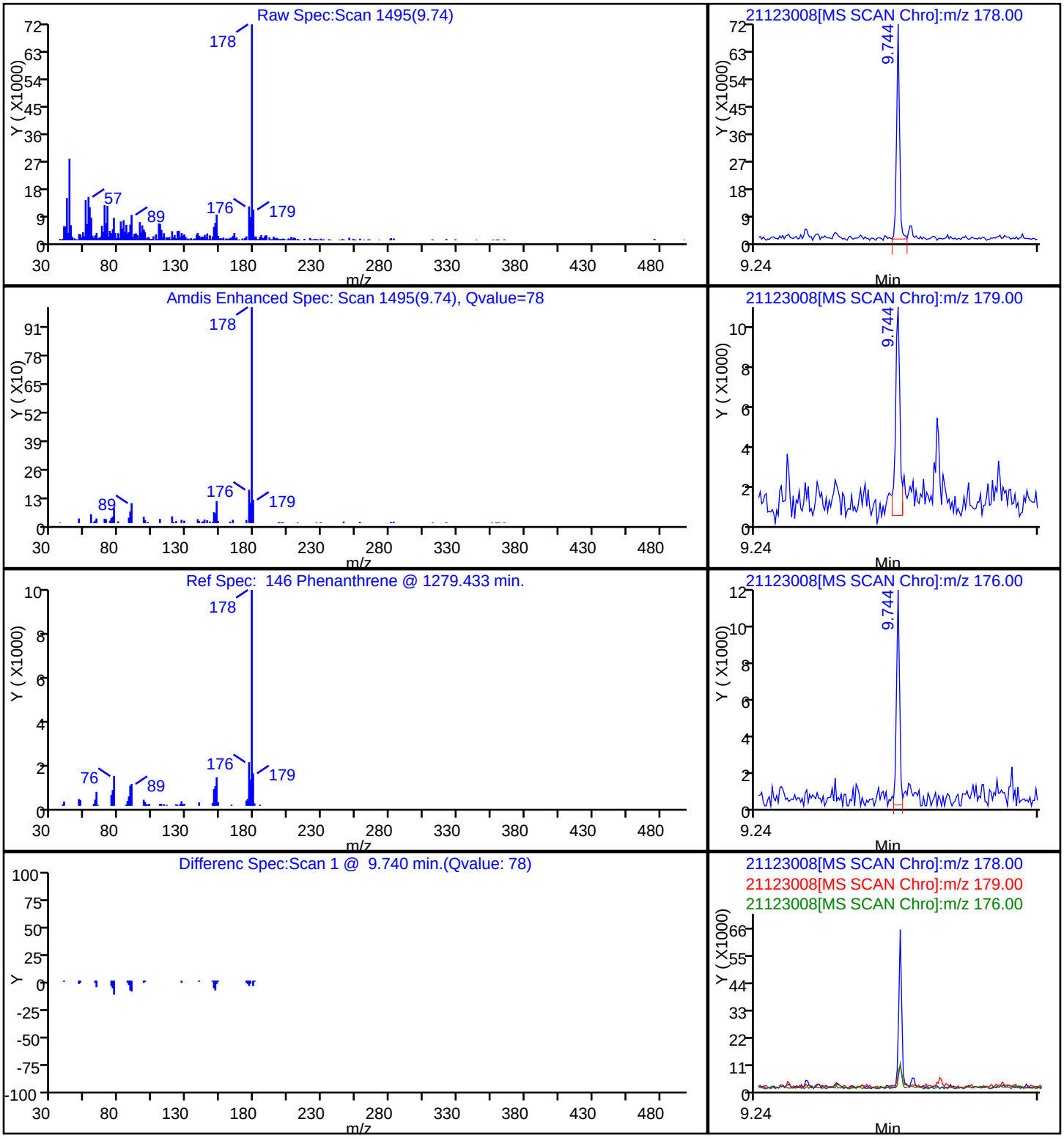
Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D

Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



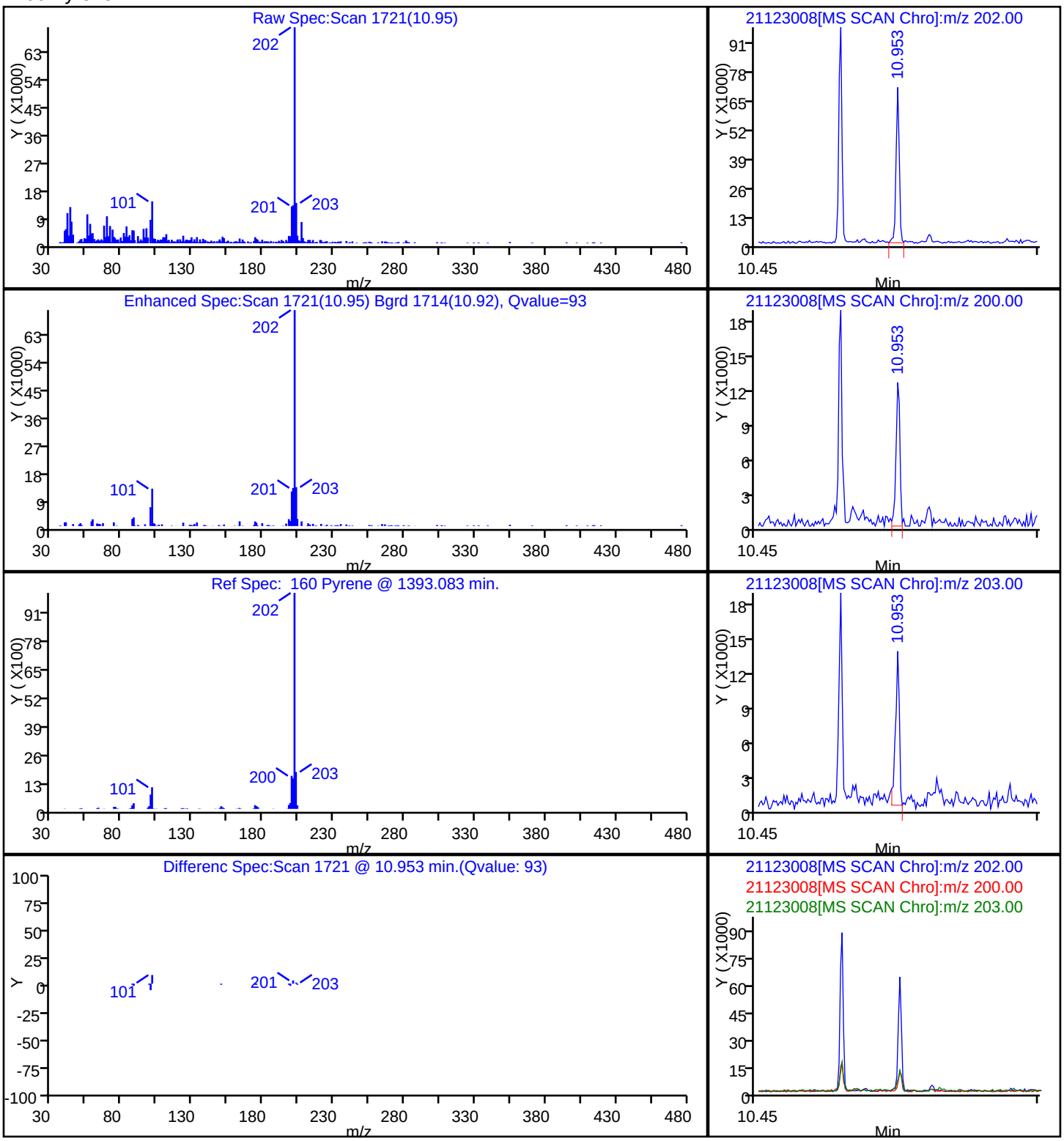
Report Date: 26-Nov-2012 11:33:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D

Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

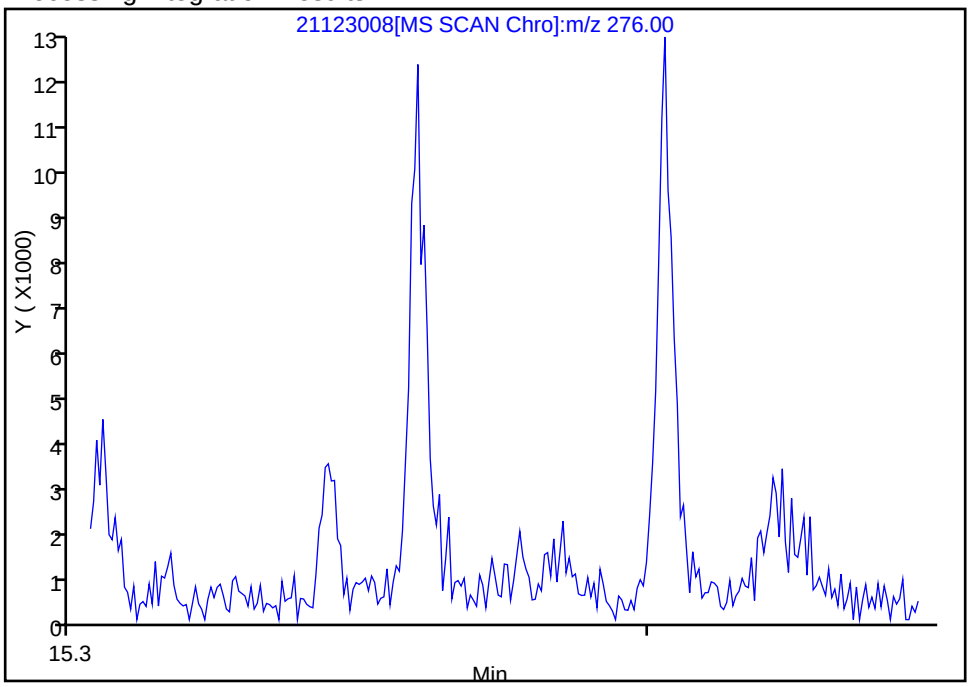
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.33

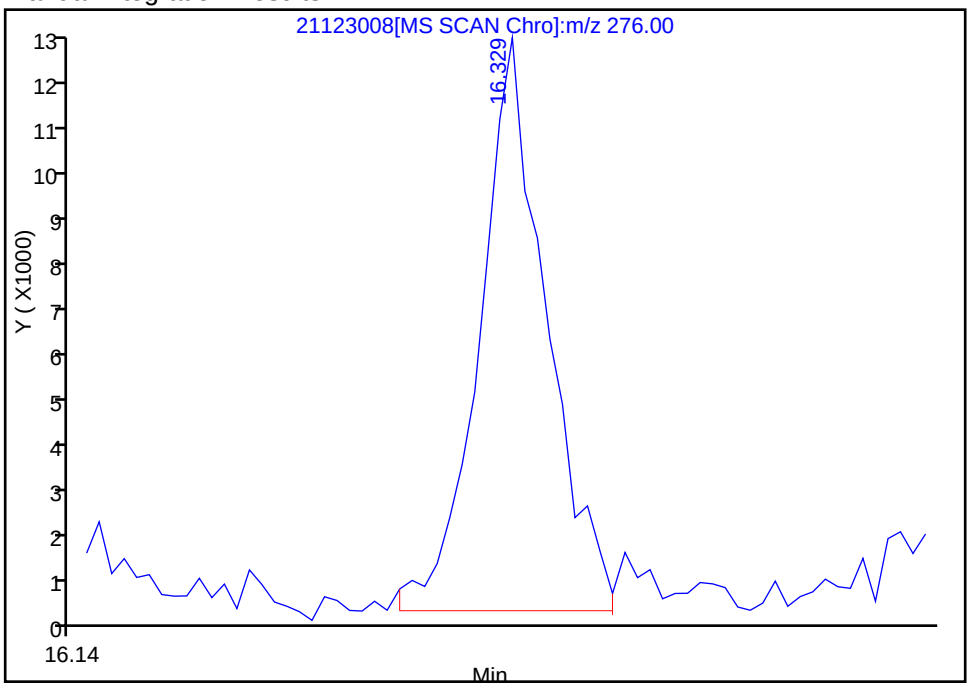
Not Detected
Expected RT: 16.33

Processing Integration Results



Manual Integration Results

RT: 16.33
Response: 24138
Amount: 0.156544



Reviewer: gruberj, 23-Nov-2012 13:33:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

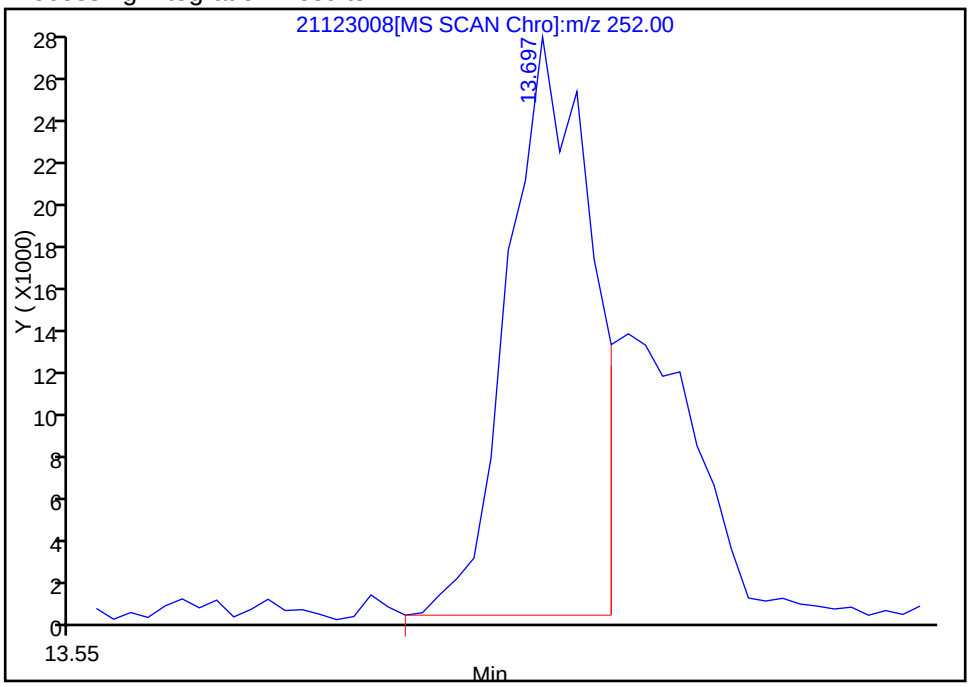
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123008.D		
Injection Date:	23-Nov-2012 12:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.75

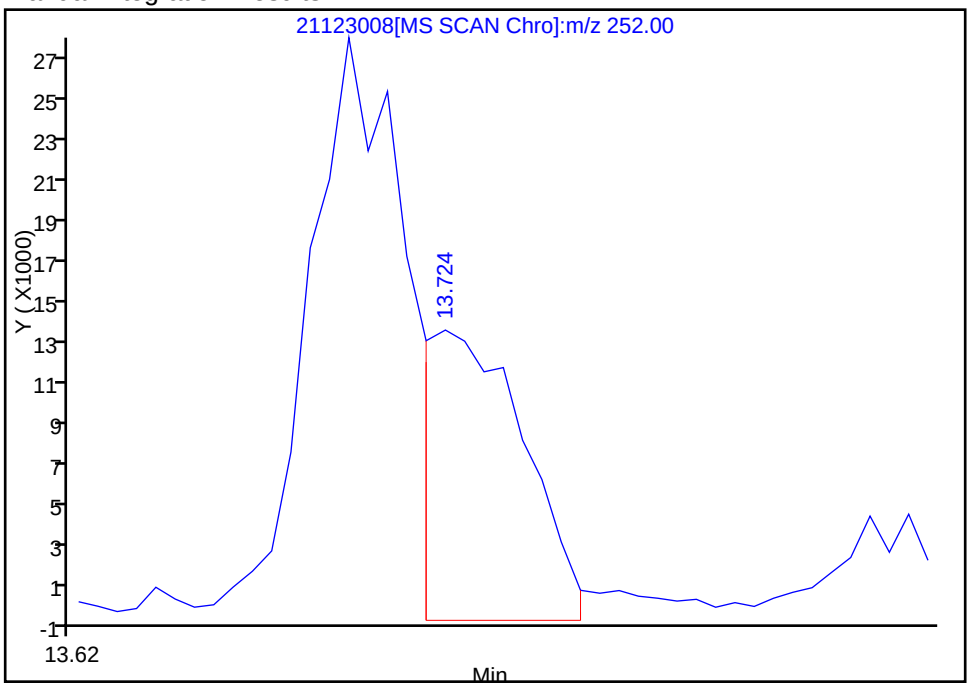
Processing Integration Results

RT: 13.70
Response: 50026
Amount: 0.267960



Manual Integration Results

RT: 13.72
Response: 27679
Amount: 0.148260



Reviewer: gruberj, 23-Nov-2012 13:33:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO | Lab Sample ID: 240-17422-3

Matrix: Solid | Lab File ID: 21123012.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.78(g) | Date Analyzed: 11/23/2012 13:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	8.6		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	17		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	18		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	7.3	M	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	5.7	J	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	41	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	15		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	5.6	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	26	J	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	20	J B	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	19	J	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO | Lab Sample ID: 240-17422-3

Matrix: Solid | Lab File ID: 21123012.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.78(g) | Date Analyzed: 11/23/2012 13:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	21		6.7	3.3	3.3
86-73-7	Fluorene	4.0	J	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	12		6.7	3.3	3.3
78-59-1	Isophorone	19	J	50	27	13
91-57-6	2-Methylnaphthalene	15		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	17		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	16		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	15		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO | Lab Sample ID: 240-17422-3

Matrix: Solid | Lab File ID: 21123012.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.78(g) | Date Analyzed: 11/23/2012 13:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	72		45-105
367-12-4	2-Fluorophenol (Surr)	77		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	75		35-100
1718-51-0	Terphenyl-d14 (Surr)	79		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	86		35-125
4165-62-2	Phenol-d5 (Surr)	79		40-100

Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D
Lims ID: 240-17422-A-3-G Client ID: 076SS-0021M-0001-SO
Inject. Date: 23-Nov-2012 13:48:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015199-012
Misc. Info.: 240-17422-a-3-g
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 66051 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 26-Nov-2012 11:27:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	95	151444	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	589509	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	336721	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	99	595341	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	97	634262	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	555983	4.00	
$ 7 2-Fluorophenol	112	4.604	4.583	0.021	93	537311	11.5	
$ 8 Phenol-d5	99	5.503	5.503	0.0	96	700154	11.8	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	387031	7.47	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	785016	7.19	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	93	178789	12.8	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	99	923930	7.87	
41 Phenol	94		5.514					24
44 Bis(2-chloroethyl)ether	93		5.605					
46 2-Chlorophenol	128		5.658					9
47 1,3-Dichlorobenzene	146		5.802					
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	69	21530	0.3928	
49 Benzyl alcohol	108	5.968	5.968	0.0	72	6940	0.2200	
50 1,2-Dichlorobenzene	146		6.011					9
51 2-Methylphenol	108		6.059					
52 2,2'-oxybis[1-chloropropane]	45		6.091					9
191 3 & 4 Methylphenol	108		6.193					
56 N-Nitrosodi-n-propylamine	70		6.204					
60 Hexachloroethane	117		6.311					9
61 Nitrobenzene	77		6.364					9
63 Isophorone	82	6.562	6.567	-0.005	90	26358	0.2803	
65 2-Nitrophenol	139		6.642					9
64 2,4-Dimethylphenol	107		6.658					
69 Benzoic acid	122		6.728					
68 Bis(2-chloroethoxy)methane	93		6.744					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.845					9
72 1,2,4-Trichlorobenzene	180		6.926					9
73 Naphthalene	128	6.990	6.995	-0.005	81	36336	0.2467	
74 4-Chloroaniline	127		7.033					
77 Hexachlorobutadiene	225		7.091					
84 4-Chloro-3-methylphenol	107		7.428					9
85 2-Methylnaphthalene	142	7.584	7.584	0.0	73	21403	0.2272	
88 Hexachlorocyclopentadiene	237		7.712					
90 2,4,6-Trichlorophenol	196		7.814					9
91 2,4,5-Trichlorophenol	196		7.846					9
98 2-Chloronaphthalene	162		8.001					9
100 2-Nitroaniline	65		8.076					
103 Dimethyl phthalate	163		8.215					
105 2,6-Dinitrotoluene	165		8.273					
107 Acenaphthylene	152		8.354					
108 3-Nitroaniline	138		8.418					
110 Acenaphthene	153		8.498					9
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					
112 2,4-Dinitrotoluene	165		8.616					9
114 Dibenzofuran	168	8.643	8.643	0.0	55	11489	0.0838	
119 Diethyl phthalate	149	8.798	8.803	-0.005	87	30860	0.2985	
121 4-Chlorophenyl phenyl ether	204		8.921					
124 Fluorene	166	8.932	8.931	0.001	72	6603	0.0600	
123 4-Nitroaniline	138		8.937					
126 4,6-Dinitro-2-methylphenol	198		8.958					
130 N-Nitrosodiphenylamine	169		9.017					
137 4-Bromophenyl phenyl ether	248		9.333					9
139 Hexachlorobenzene	284		9.397					
141 Pentachlorophenol	266		9.557					
146 Phenanthrene	178	9.744	9.750	-0.006	81	38329	0.2357	
147 Anthracene	178		9.792					
149 Carbazole	167		9.916					
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	77	49126	0.2786	
157 Fluoranthene	202	10.750	10.755	-0.005	63	55721	0.3102	
160 Pyrene	202	10.953	10.959	-0.005	90	45062	0.2227	
166 Butyl benzyl phthalate	149		11.536					
173 3,3'-Dichlorobenzidine	252		12.178					9
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	94	49461	0.6160	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	41	22685	0.1282	
176 Chrysene	228	12.264	12.274	-0.010	53	36449	0.2161	
178 Di-n-octyl phthalate	149		13.082					
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	88	47537	0.2680	
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.010	51	16321	0.0847	
182 Benzo[a]pyrene	252	14.184	14.194	-0.010	49	24234	0.2480	
186 Indeno[1,2,3-cd]pyrene	276	15.901	15.906	-0.005	78	17798	0.1713	
187 Dibenz(a,h)anthracene	278		15.933					9
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	1	17412	0.1094	M

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

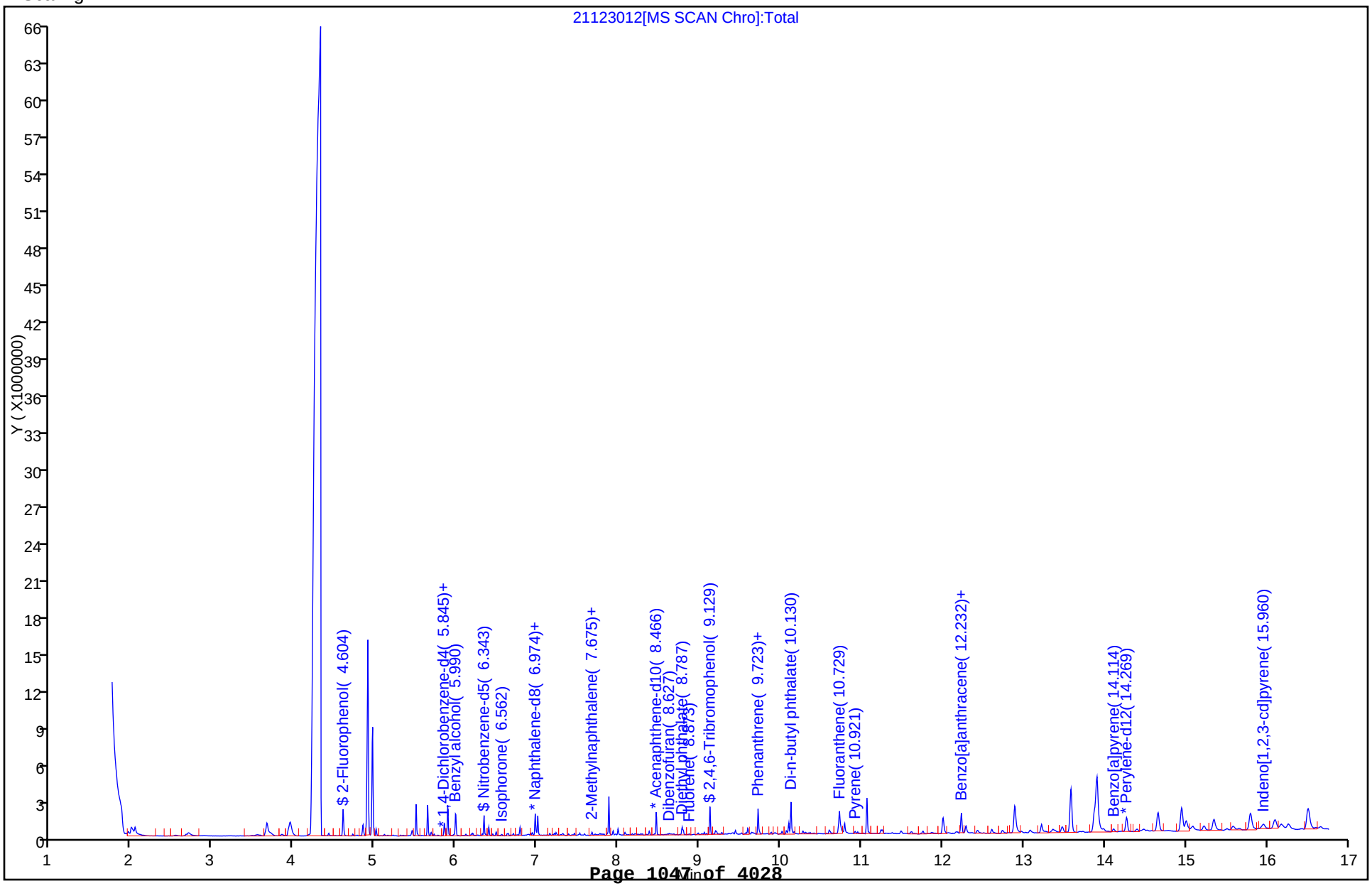
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

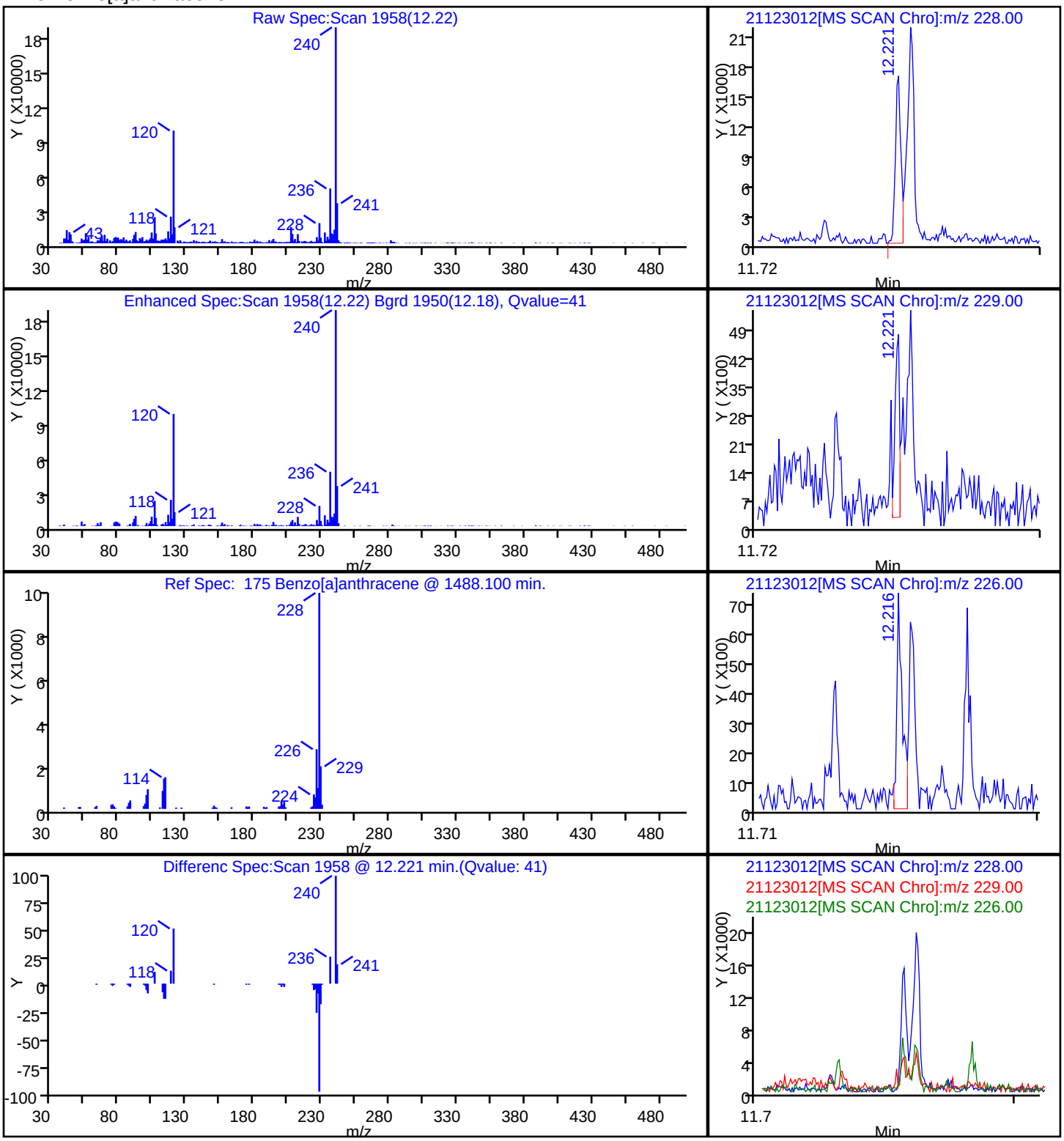


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

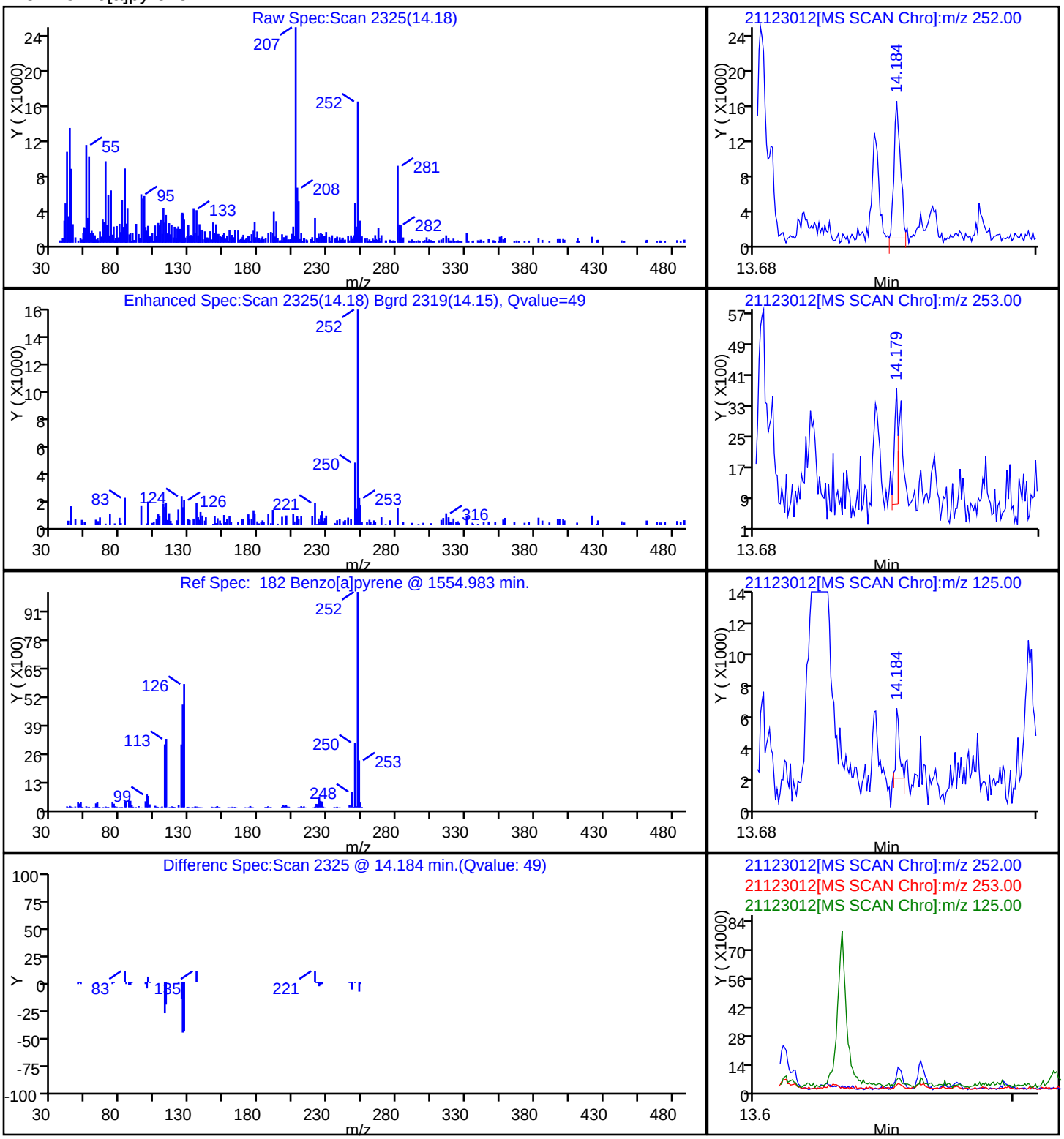


Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



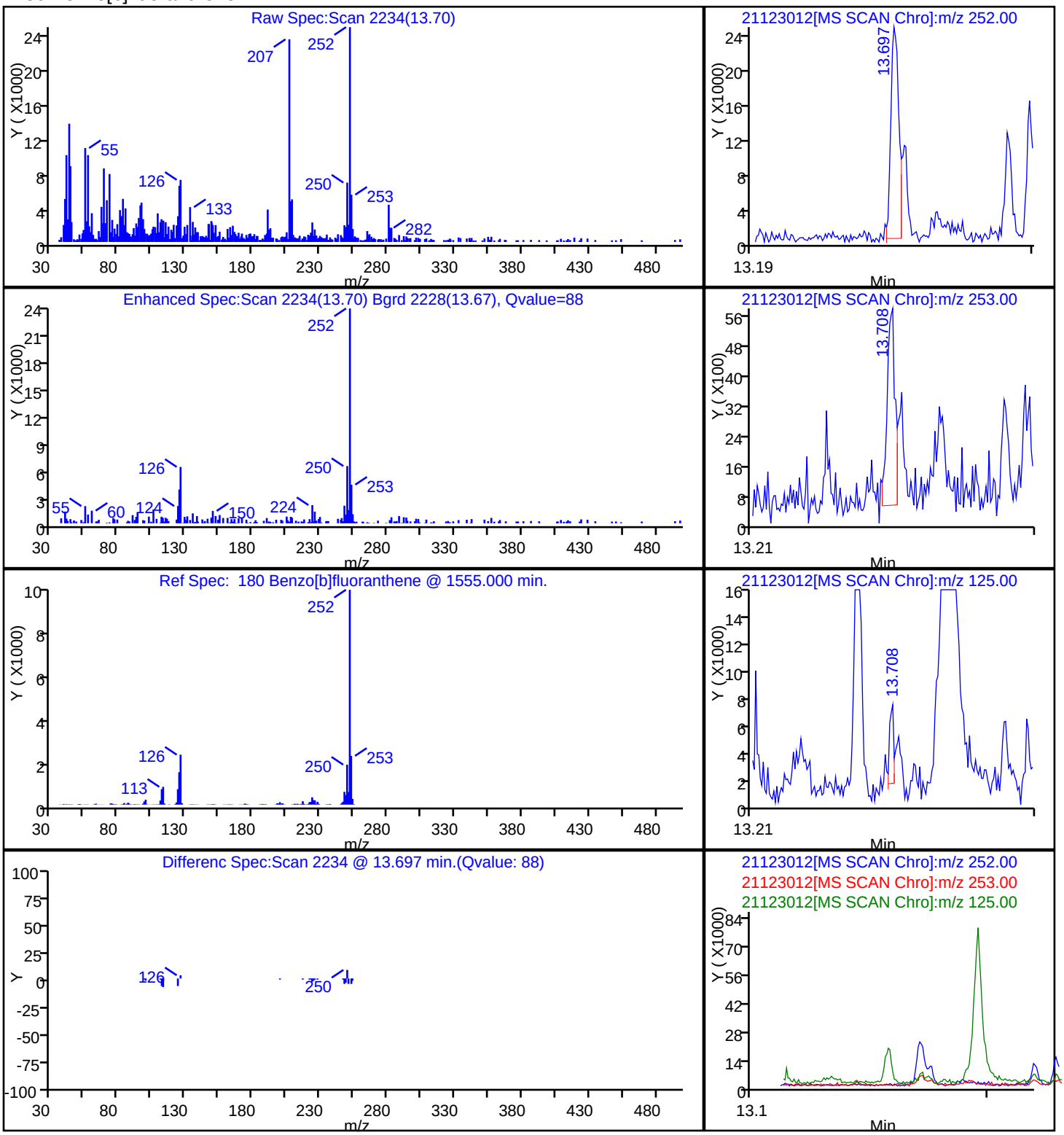
Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D

Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

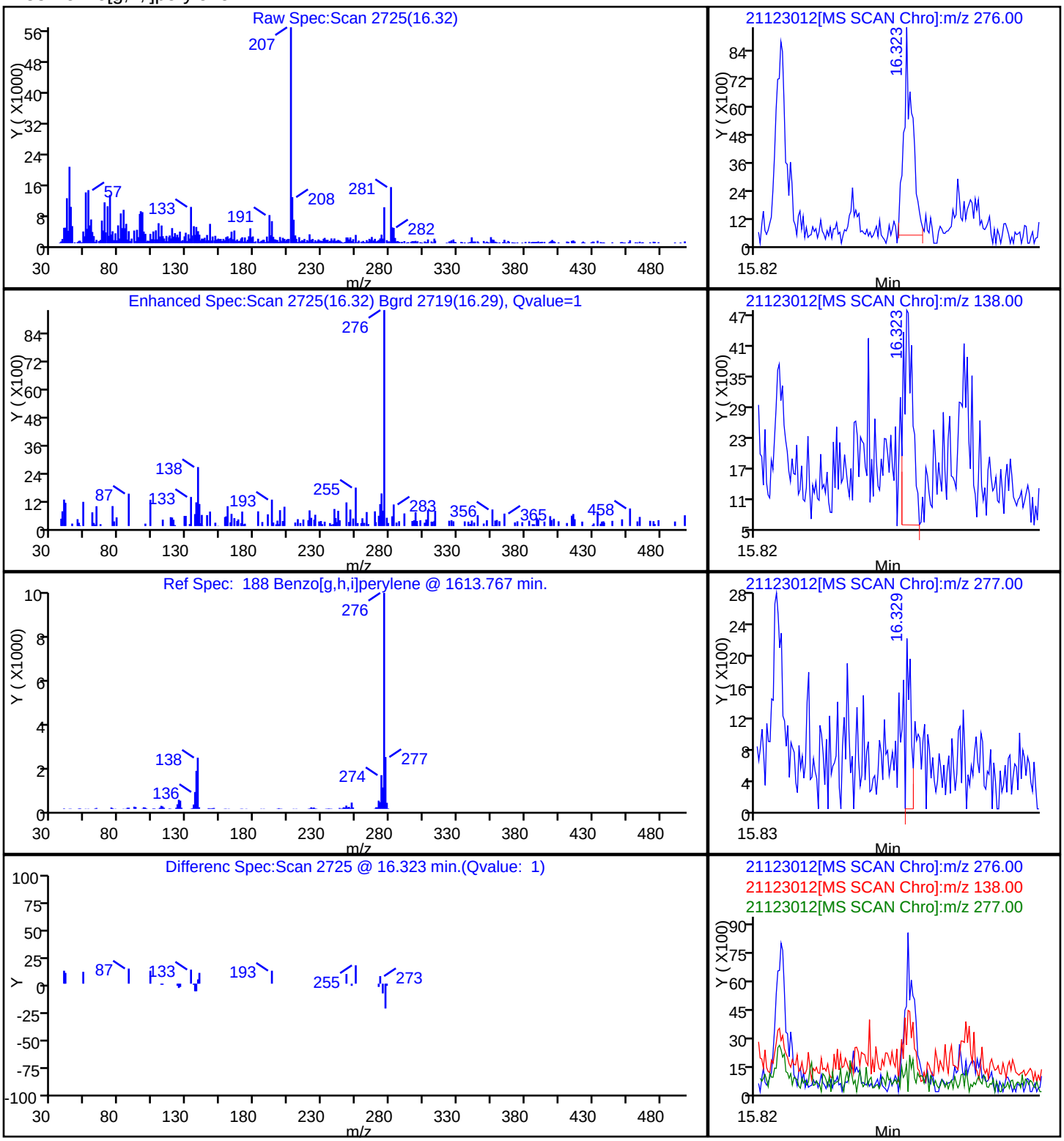


Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

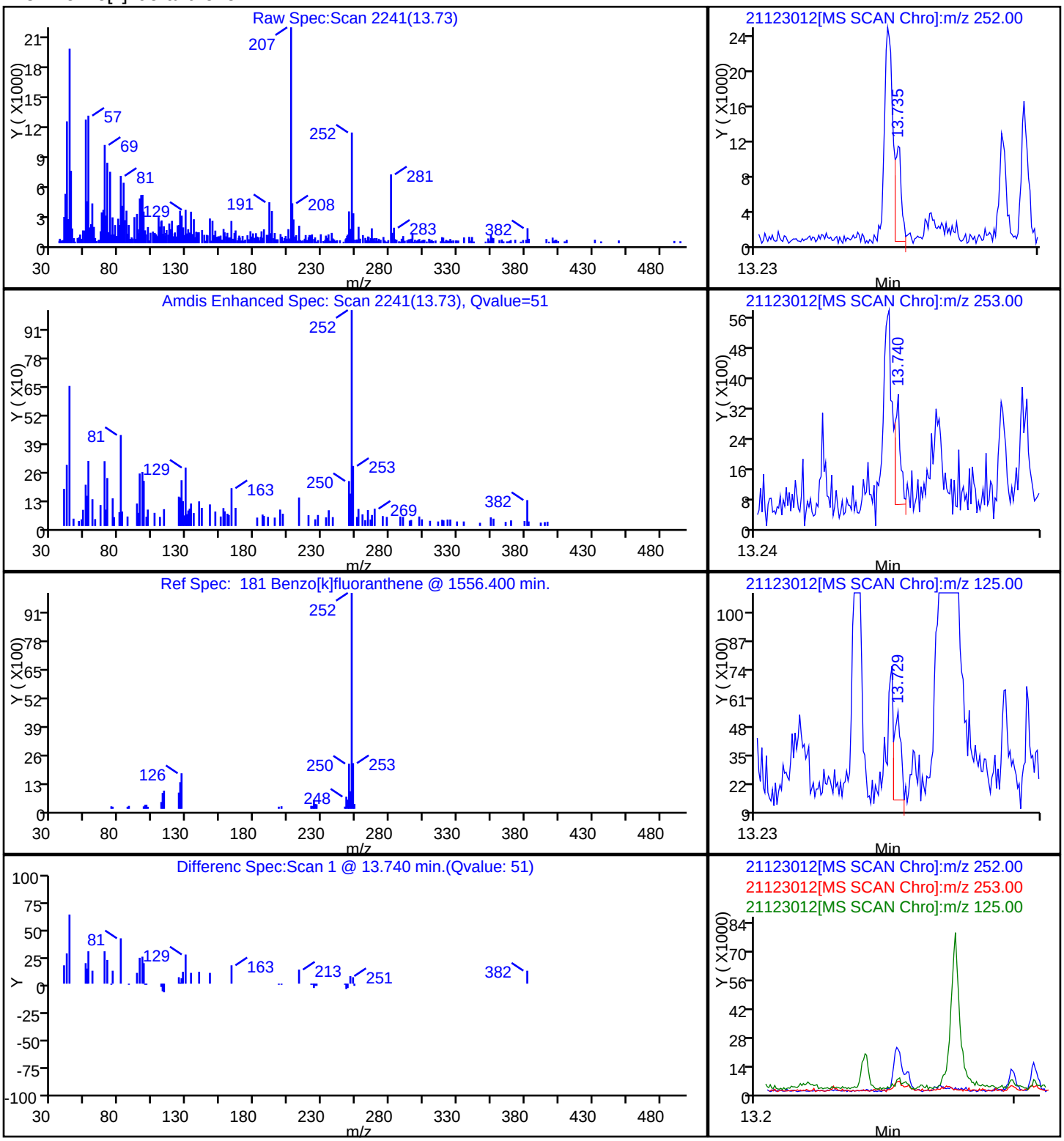


Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

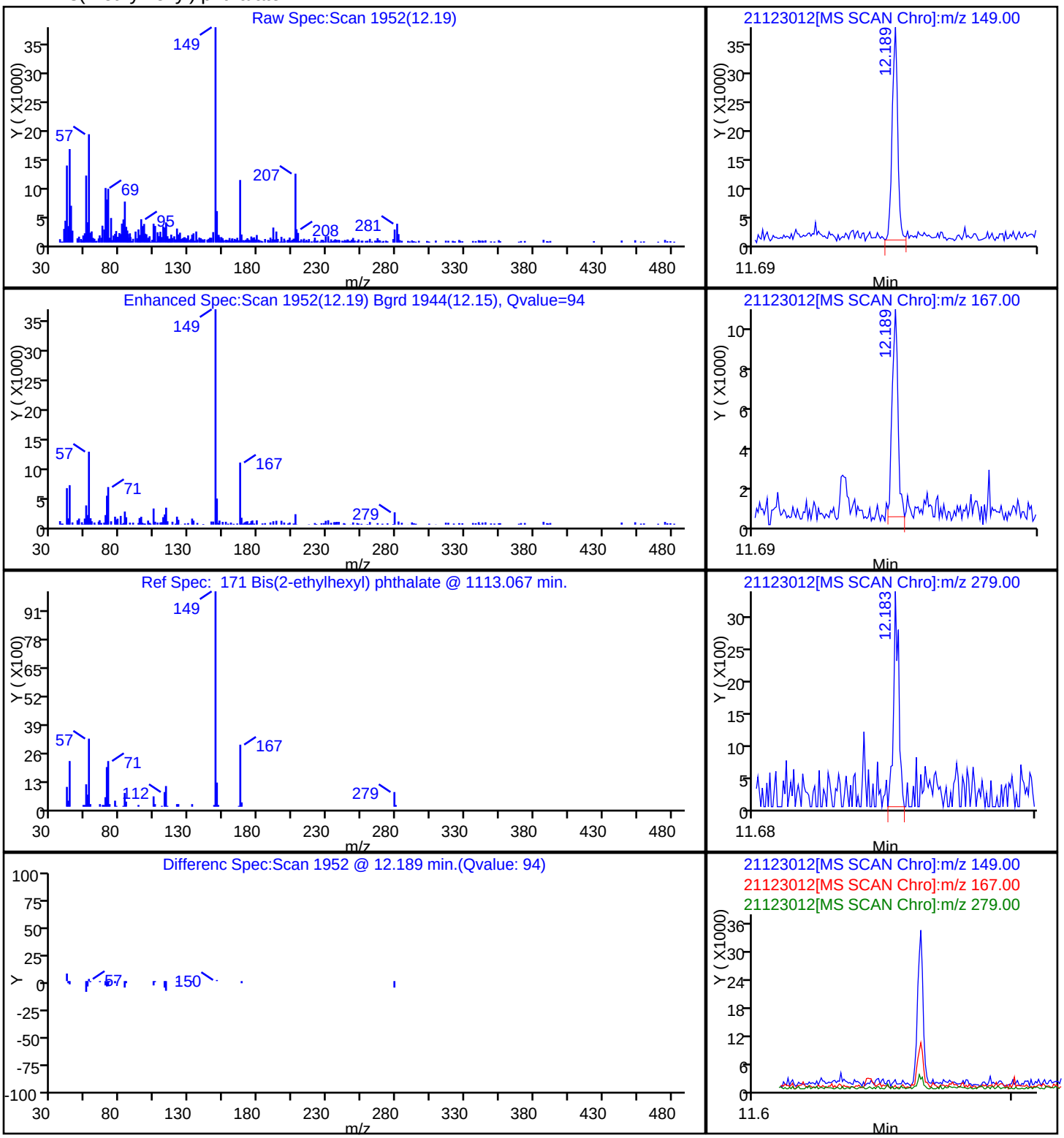


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

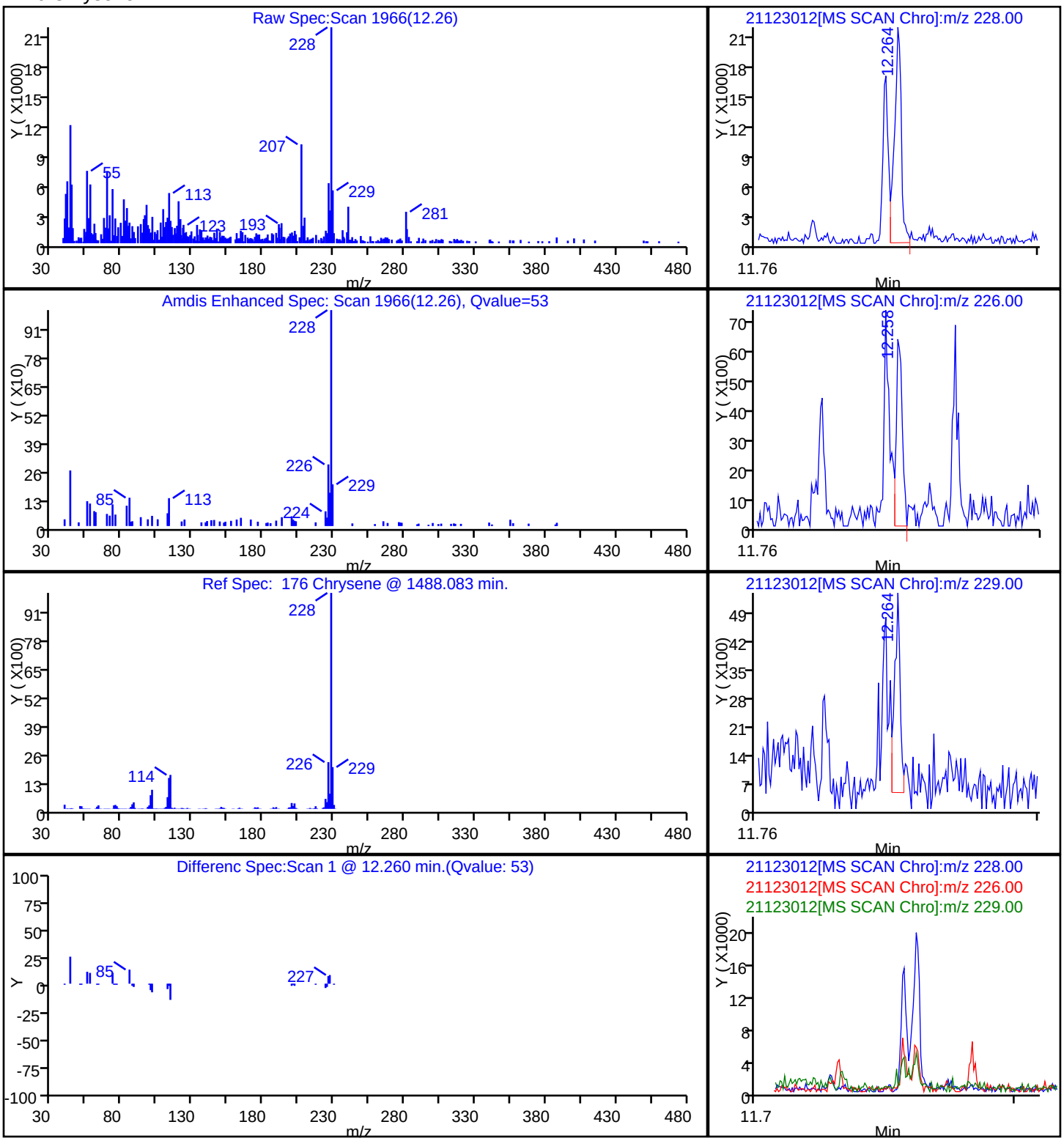


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

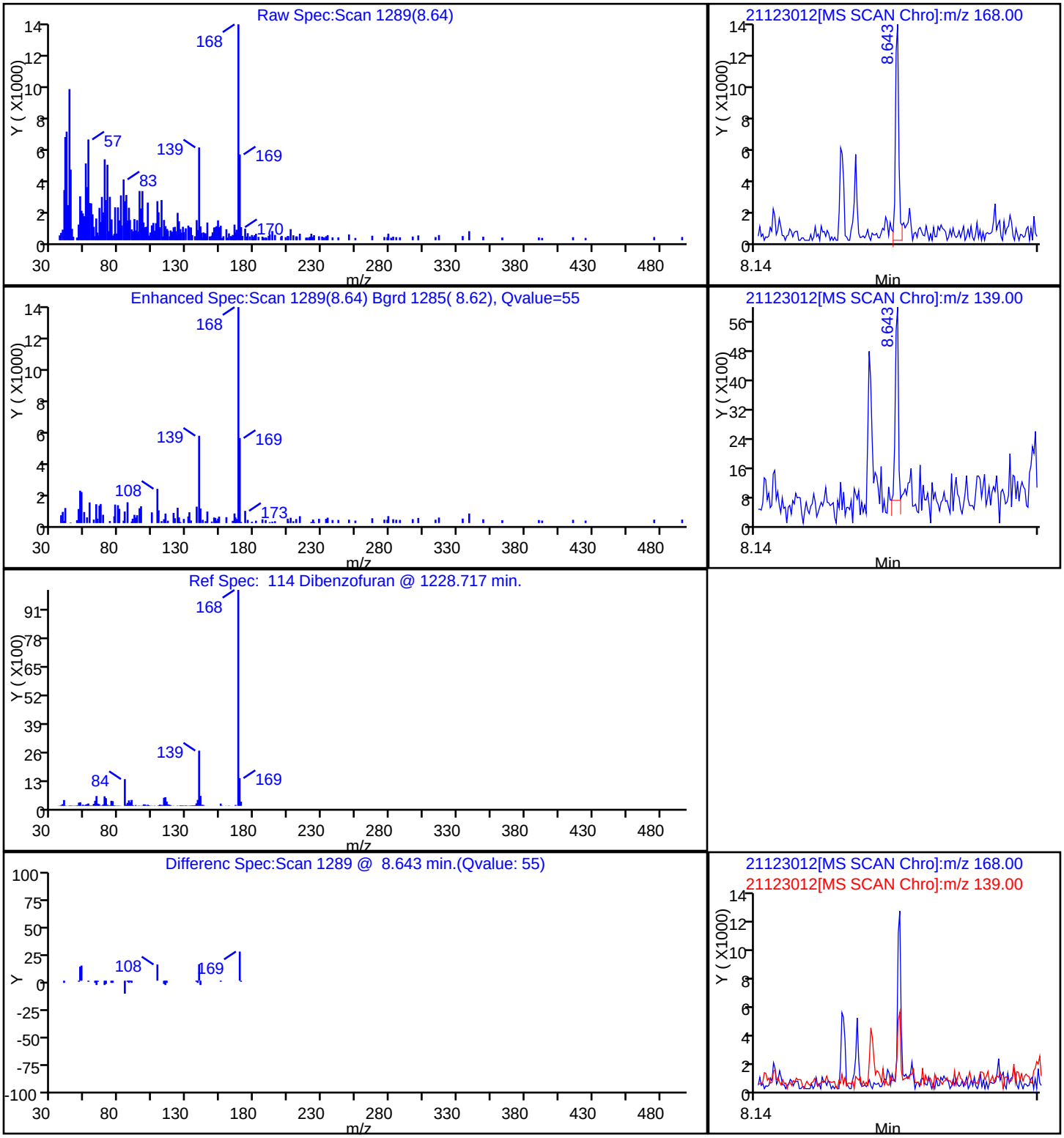


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran

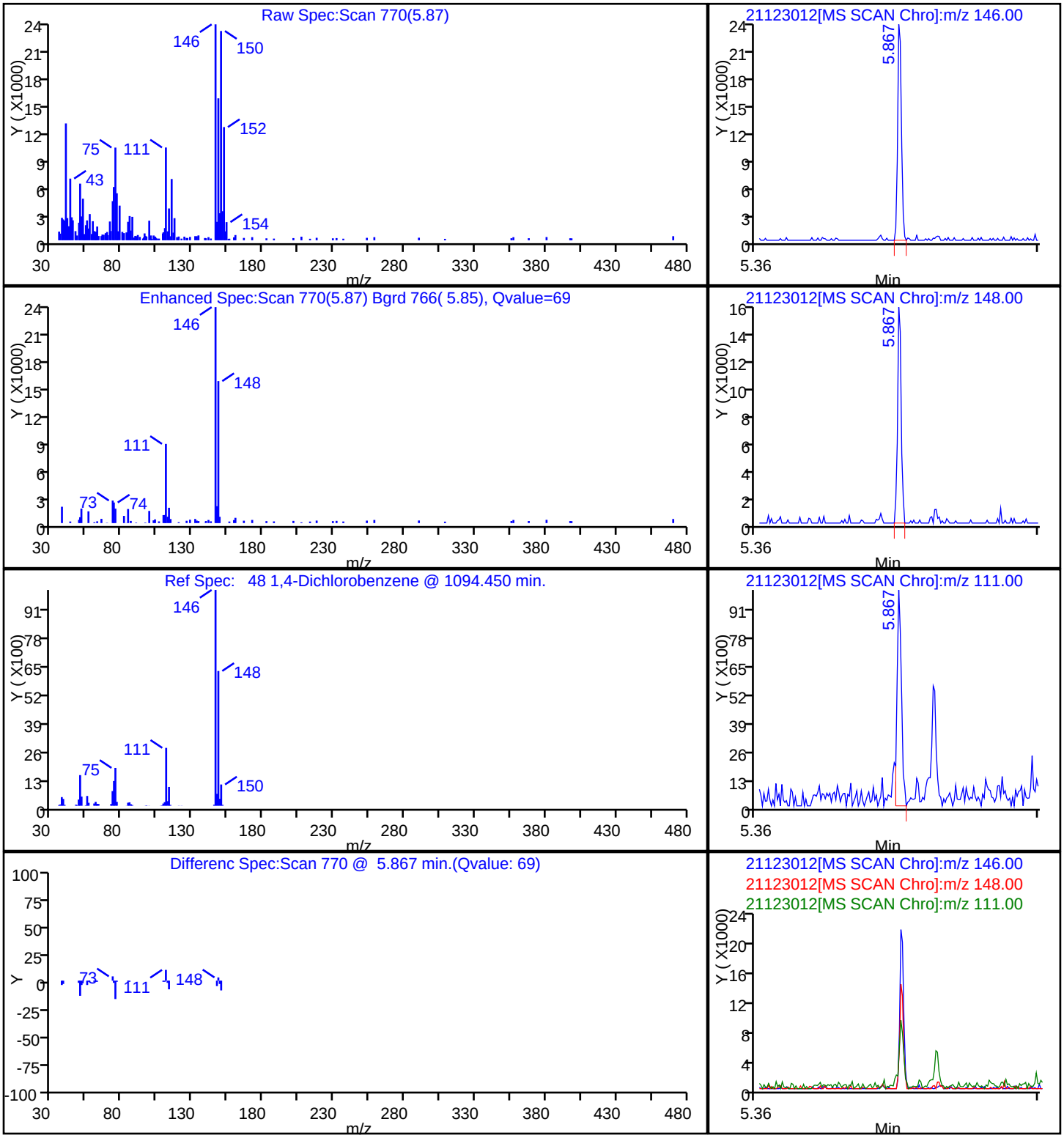


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

48 1,4-Dichlorobenzene

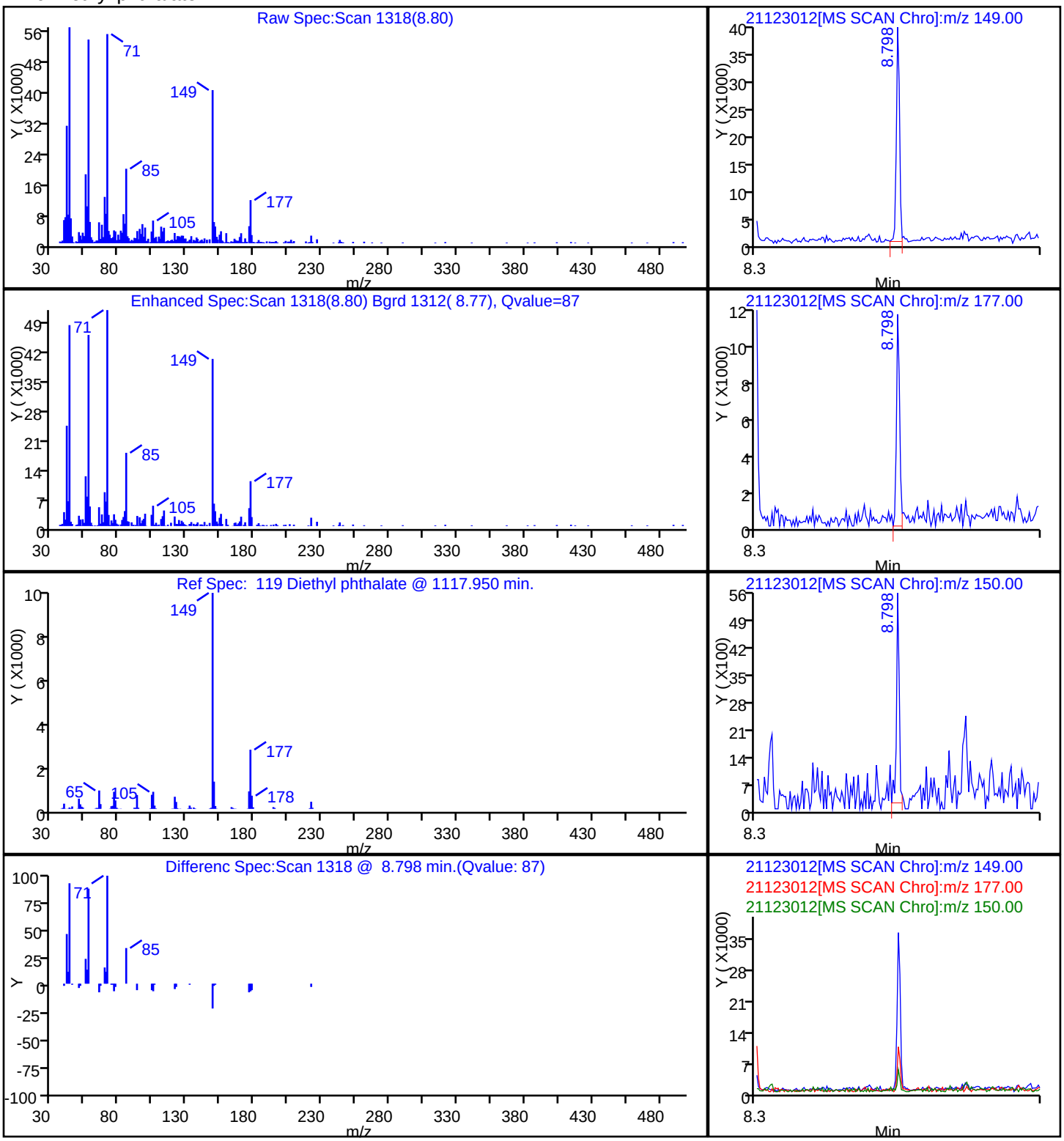


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
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Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

119 Diethyl phthalate

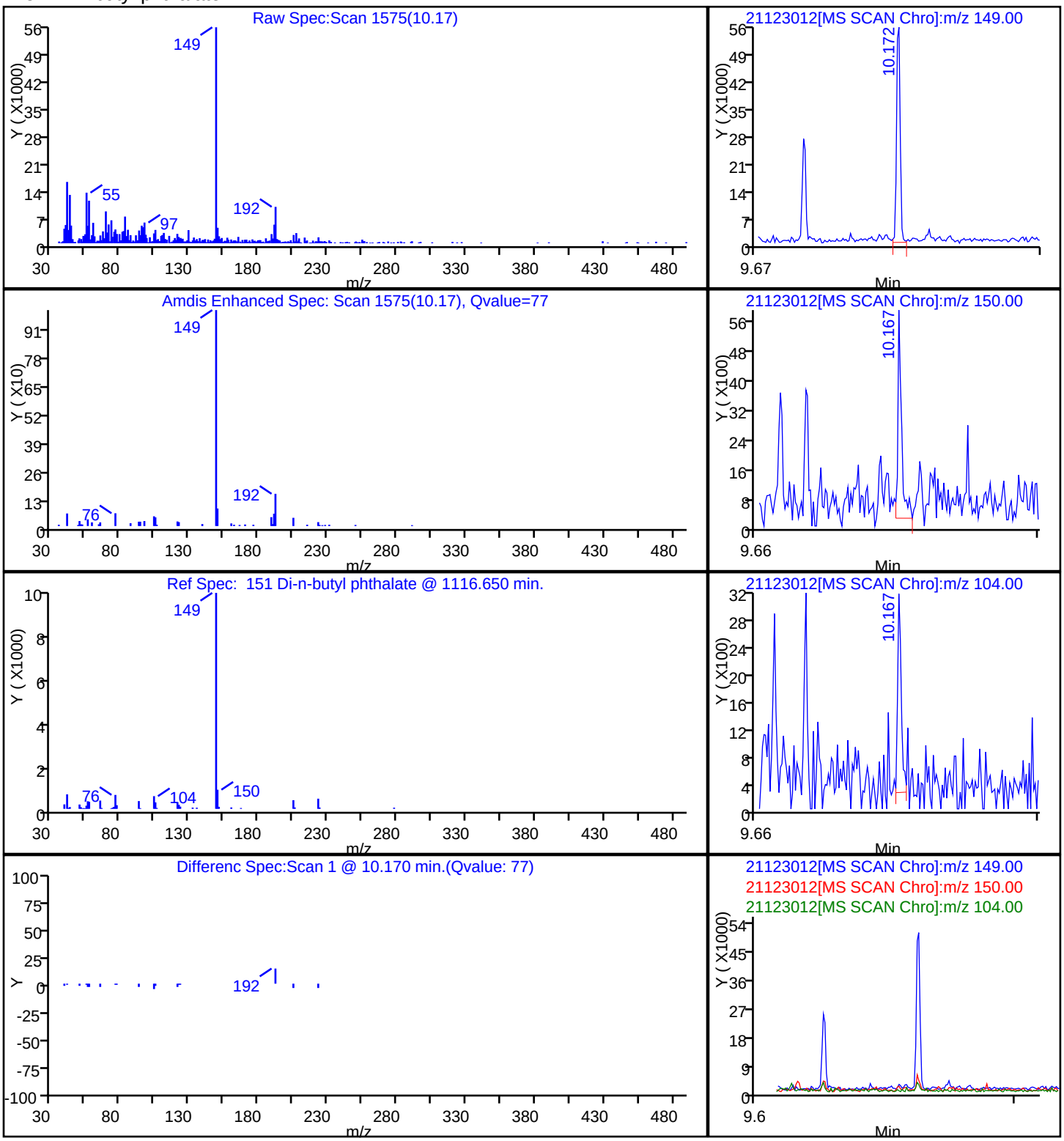


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate

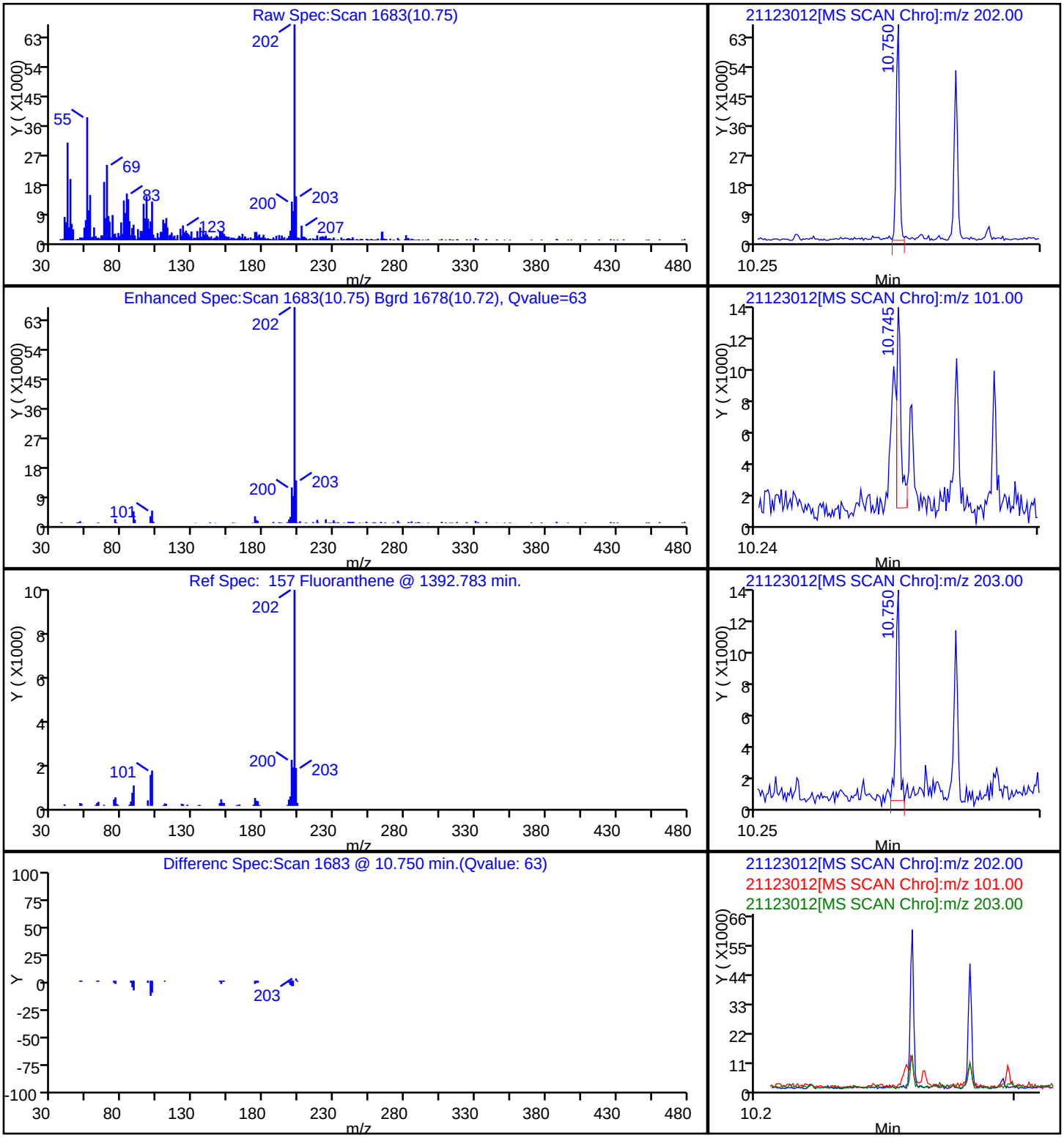


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

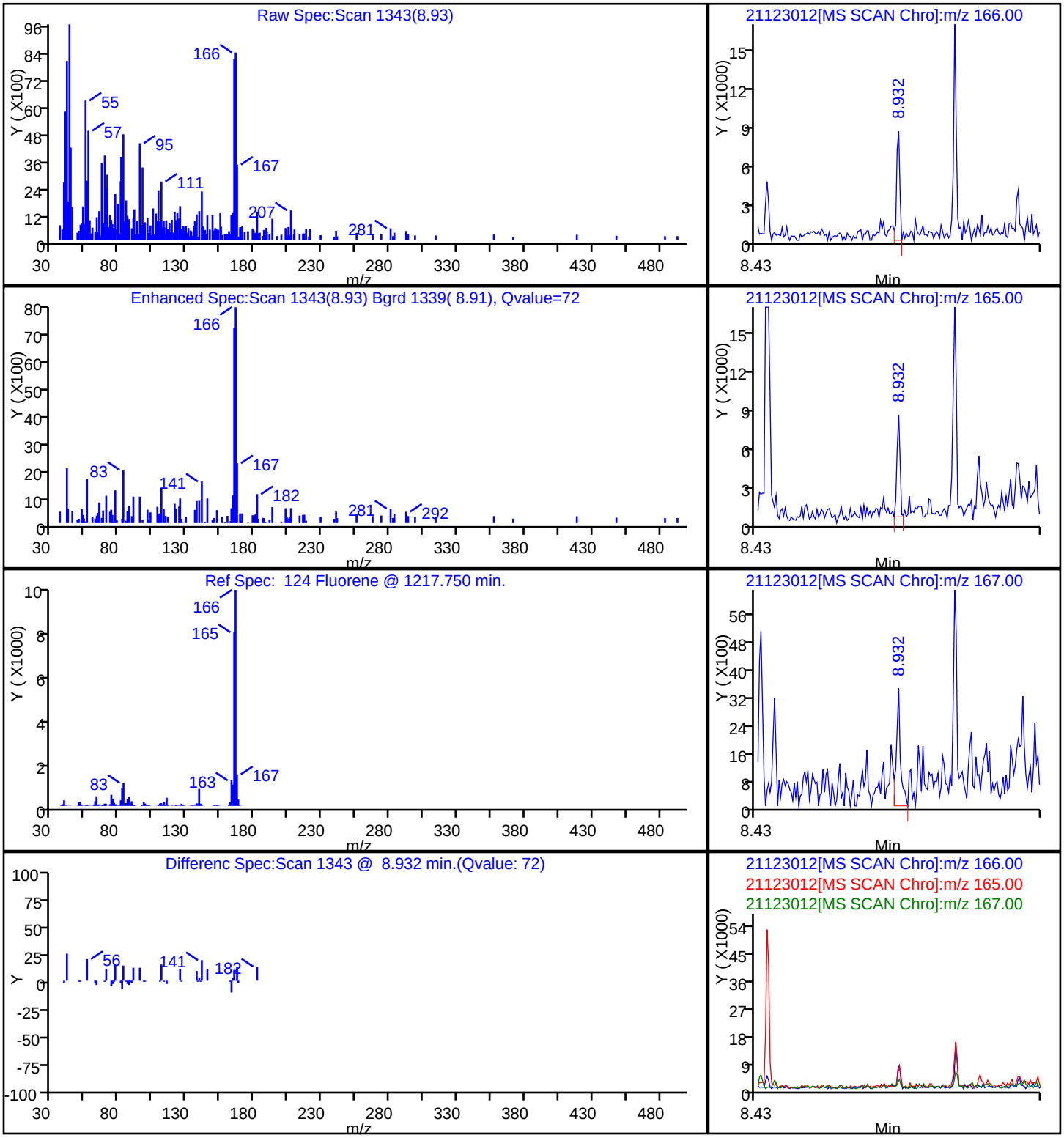


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

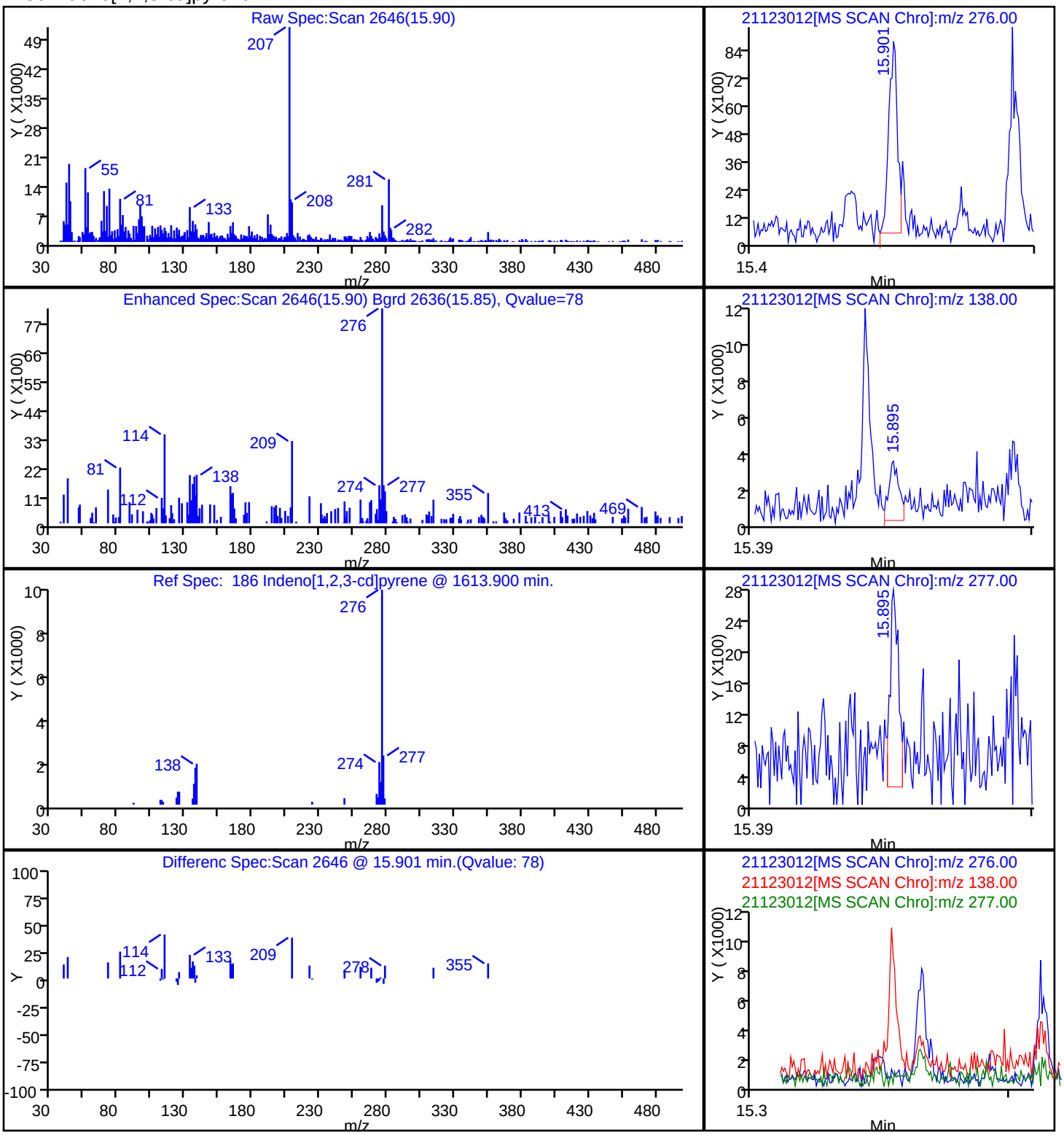


Report Date: 26-Nov-2012 11:33:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

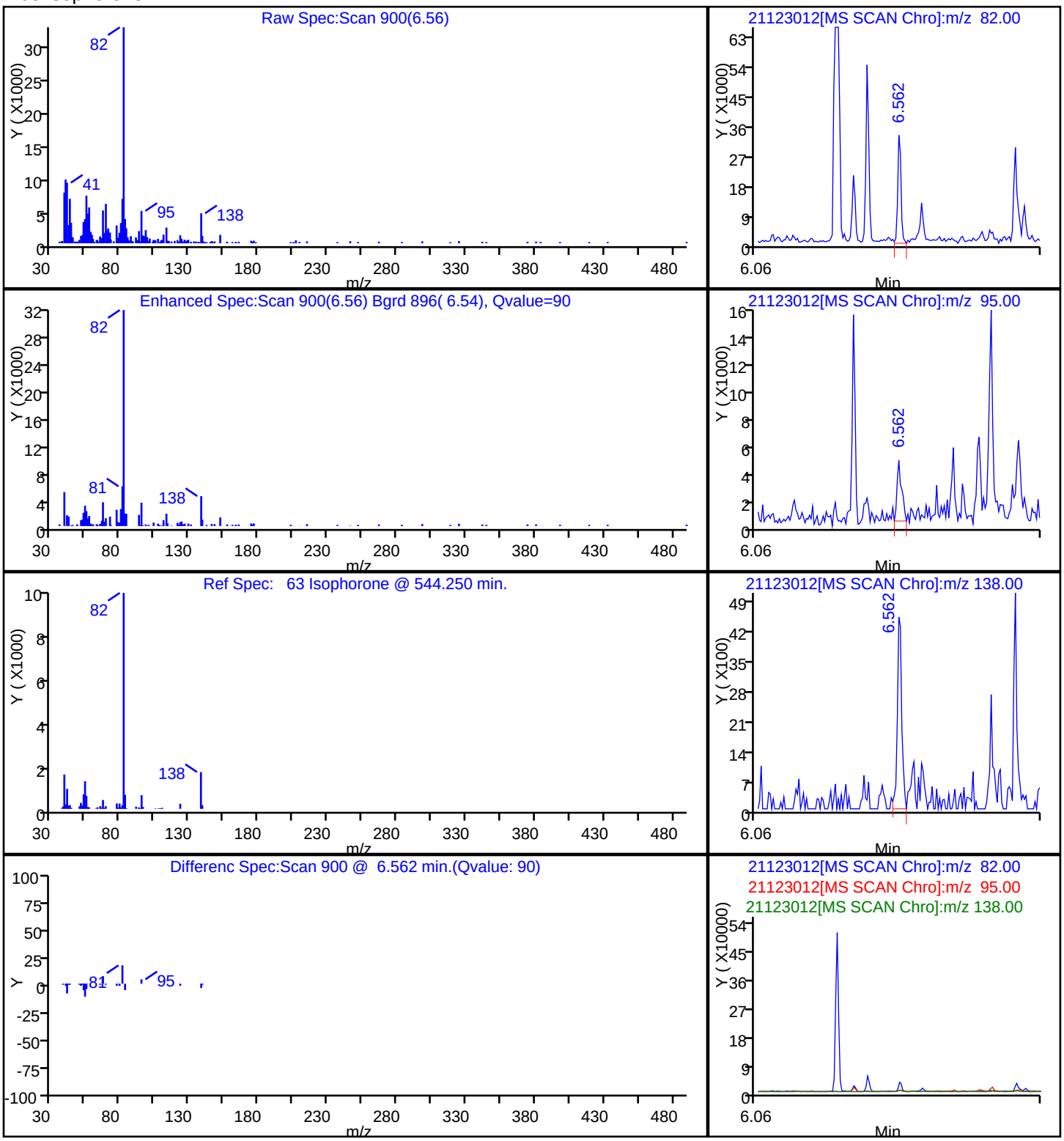


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
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Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone

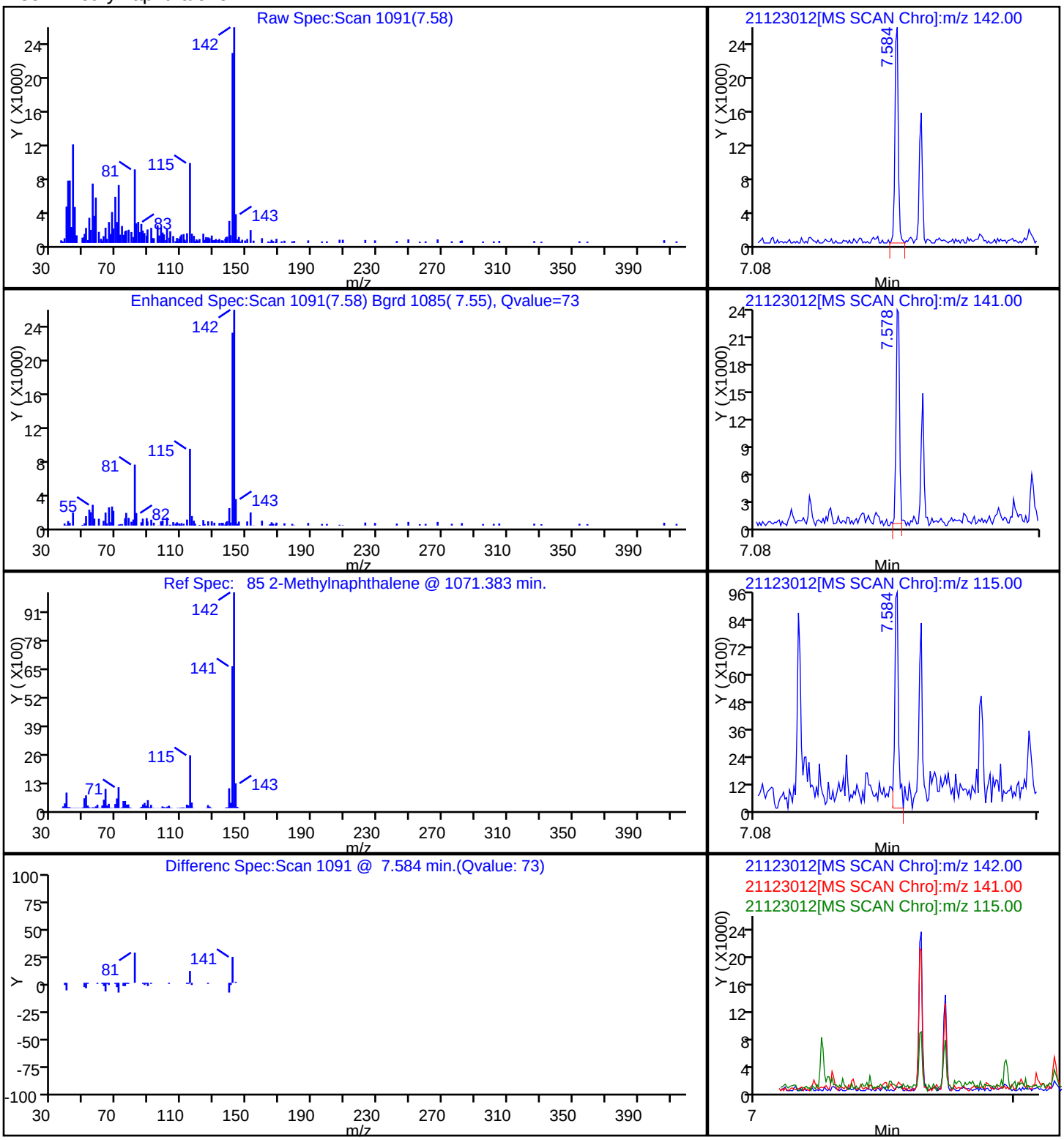


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



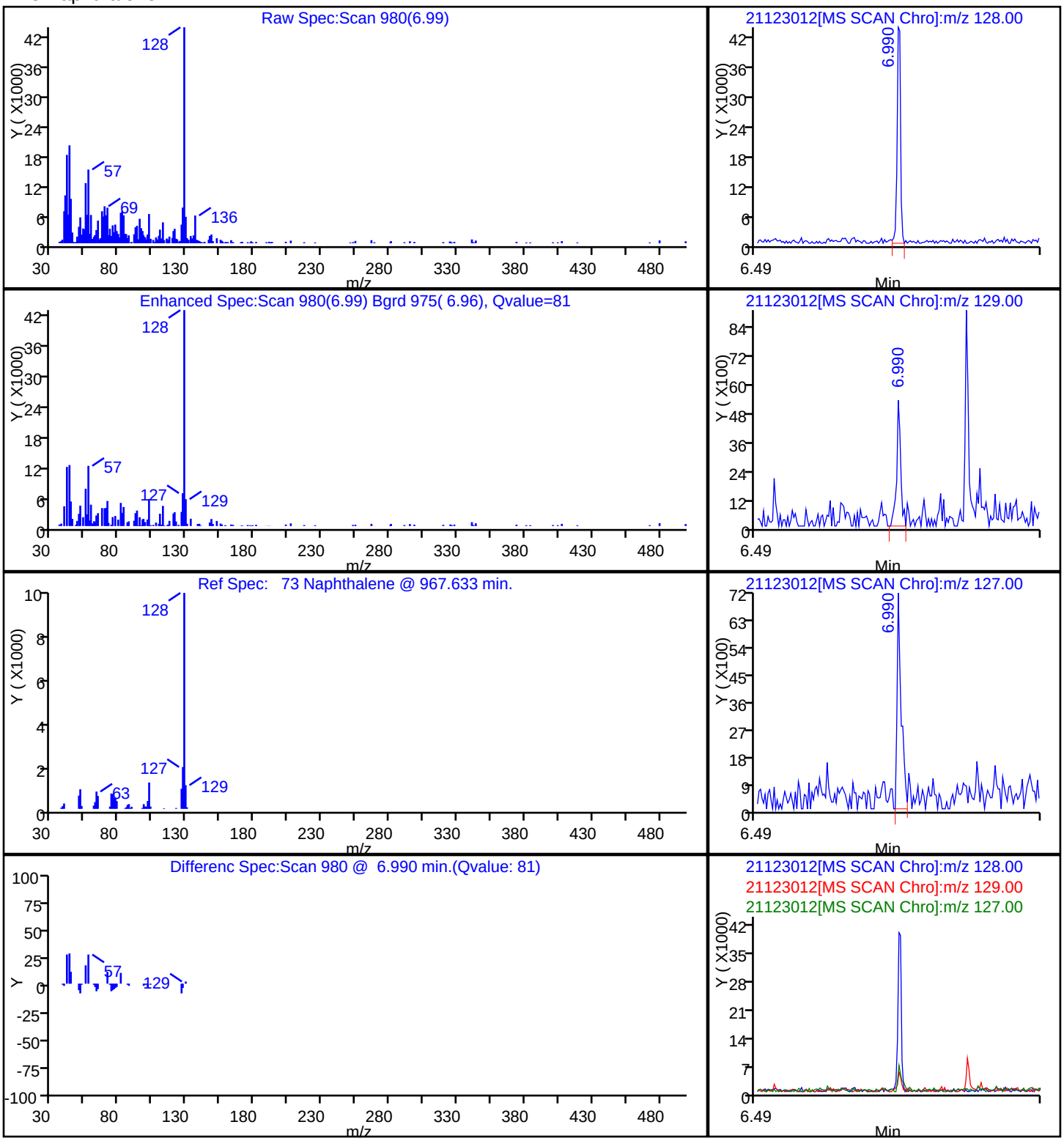
Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D

Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

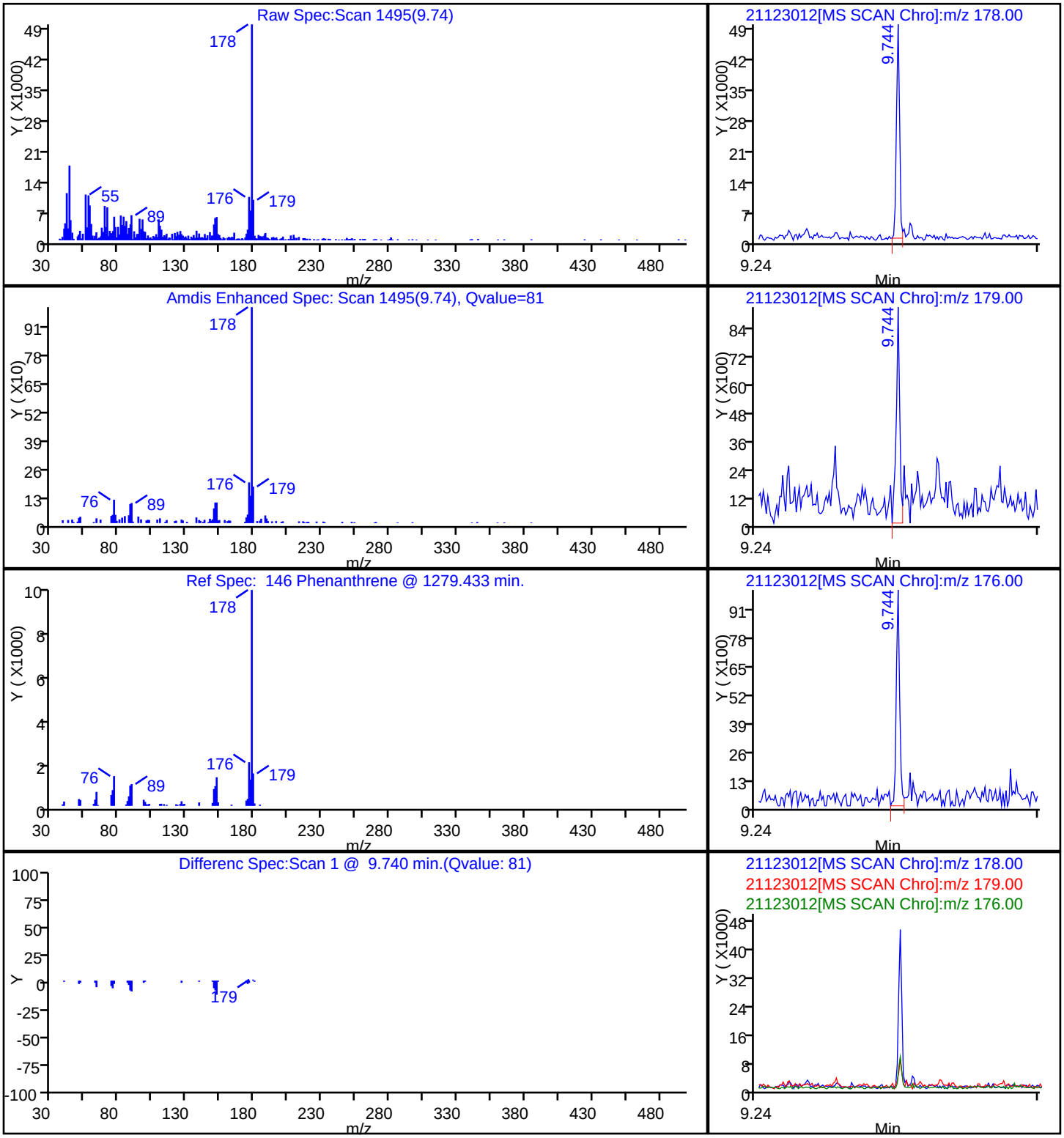


Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



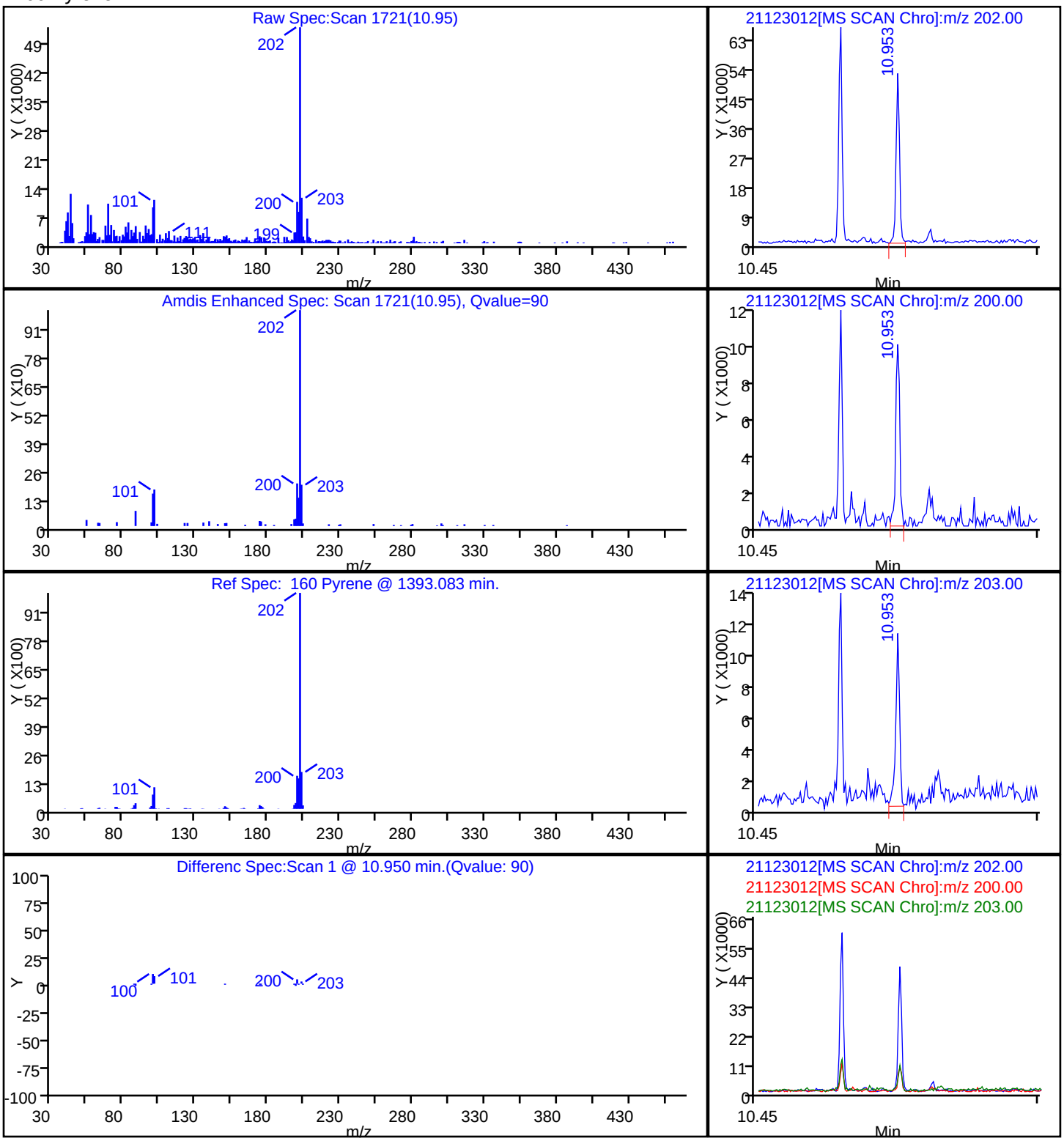
Report Date: 26-Nov-2012 11:33:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D

Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

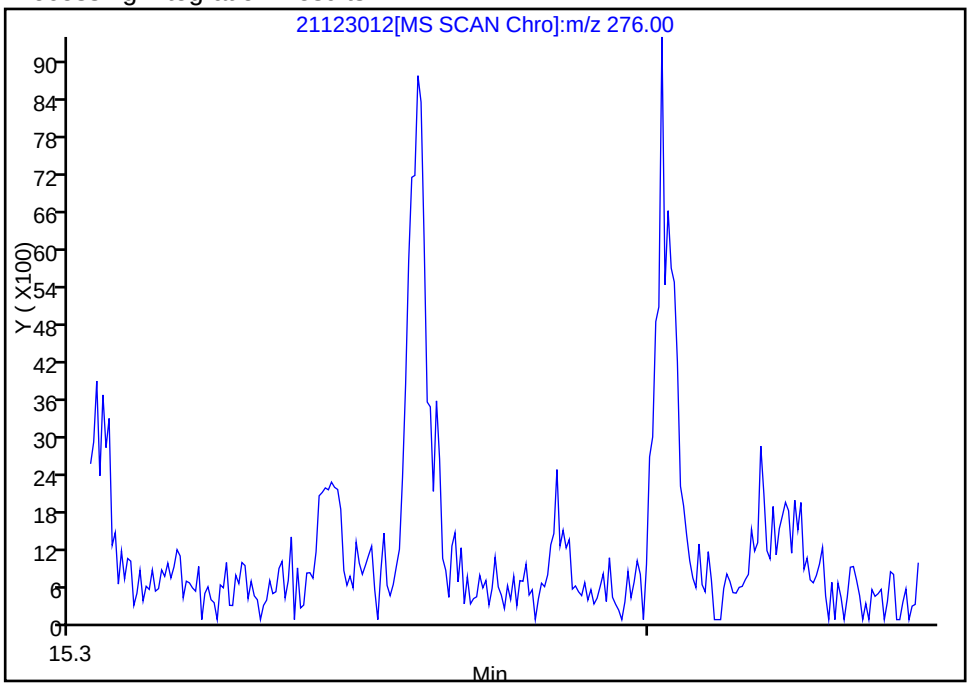
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123012.D		
Injection Date:	23-Nov-2012 13:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.33

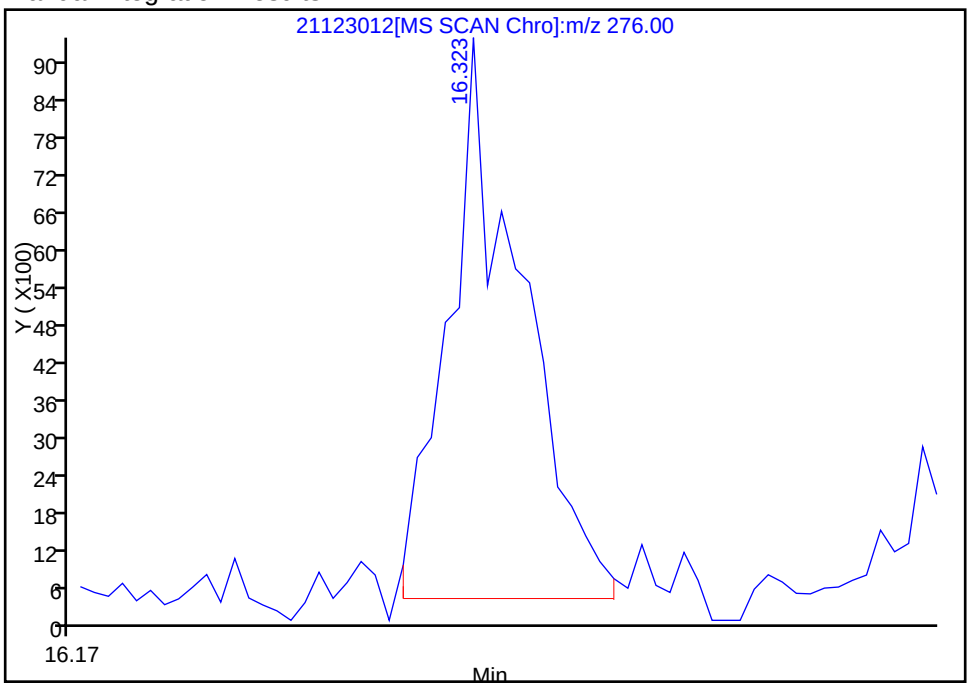
Processing Integration Results

Not Detected
Expected RT: 16.33



Manual Integration Results

RT: 16.32
Response: 17412
Amount: 0.109388



Reviewer: gruberj, 26-Nov-2012 11:27:40
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0001M-0001-SO | Lab Sample ID: 240-17422-4

Matrix: Solid | Lab File ID: 21126013.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 09:15

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.31(g) | Date Analyzed: 11/26/2012 14:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	13	U	26	13	13
208-96-8	Acenaphthylene	13	U	26	13	13
120-12-7	Anthracene	14	J	26	13	13
56-55-3	Benzo[a]anthracene	66		26	13	13
50-32-8	Benzo[a]pyrene	88		26	13	13
205-99-2	Benzo[b]fluoranthene	110		26	13	13
191-24-2	Benzo[g,h,i]perylene	41		26	13	13
65-85-0	Benzoic acid	1300	U	2600	1300	1300
207-08-9	Benzo[k]fluoranthene	24	J M	26	13	13
100-51-6	Benzyl alcohol	110	U	1300	110	83
111-91-1	Bis(2-chloroethoxy)methane	110	U	400	110	87
111-44-4	Bis(2-chloroethyl)ether	13	U	400	13	7.9
108-60-1	bis (2-chloroisopropyl) ether	110	U	400	110	38
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	200	110	75
101-55-3	4-Bromophenyl phenyl ether	110	U	200	110	51
85-68-7	Butyl benzyl phthalate	110	U	200	110	40
86-74-8	Carbazole	110	U	200	110	110
106-47-8	4-Chloroaniline	110	U	590	110	67
59-50-7	4-Chloro-3-methylphenol	110	U	590	110	83
91-58-7	2-Chloronaphthalene	13	U	200	13	13
95-57-8	2-Chlorophenol	110	U	200	110	110
7005-72-3	4-Chlorophenyl phenyl ether	110	U	200	110	51
218-01-9	Chrysene	89		26	13	4.4
53-70-3	Dibenz(a,h)anthracene	13	U	26	13	13
132-64-9	Dibenzofuran	86	J	200	13	13
106-46-7	1,4-Dichlorobenzene	110	U	200	110	79
95-50-1	1,2-Dichlorobenzene	70	J	200	110	38
541-73-1	1,3-Dichlorobenzene	110	U	200	110	44
91-94-1	3,3'-Dichlorobenzidine	320	U	400	320	71
120-83-2	2,4-Dichlorophenol	110	U	590	110	79
84-66-2	Diethyl phthalate	110	U	200	110	63
105-67-9	2,4-Dimethylphenol	320	U	590	320	79
131-11-3	Dimethyl phthalate	110	U	200	110	67
84-74-2	Di-n-butyl phthalate	110	U	200	110	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0001M-0001-SO | Lab Sample ID: 240-17422-4

Matrix: Solid | Lab File ID: 21126013.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 09:15

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.31(g) | Date Analyzed: 11/26/2012 14:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320	U	590	320	320
51-28-5	2,4-Dinitrophenol	320	U	1300	320	320
121-14-2	2,4-Dinitrotoluene	110	U	790	110	110
606-20-2	2,6-Dinitrotoluene	110	U	790	110	83
117-84-0	Di-n-octyl phthalate	110	U	200	110	110
206-44-0	Fluoranthene	110		26	13	13
86-73-7	Fluorene	15	J	26	13	13
118-74-1	Hexachlorobenzene	13	U	26	13	8.3
87-68-3	Hexachlorobutadiene	110	U	200	110	110
77-47-4	Hexachlorocyclopentadiene	110	U	1300	110	110
67-72-1	Hexachloroethane	110	U	200	110	36
193-39-5	Indeno[1,2,3-cd]pyrene	54		26	13	13
78-59-1	Isophorone	110	U	200	110	51
91-57-6	2-Methylnaphthalene	380		26	13	13
95-48-7	2-Methylphenol	320	U	790	320	320
15831-10-4	3 & 4 Methylphenol	320	U	1600	320	79
91-20-3	Naphthalene	260		26	13	13
88-74-4	2-Nitroaniline	110	U	790	110	36
99-09-2	3-Nitroaniline	320	U	790	320	63
100-01-6	4-Nitroaniline	110	U	790	110	100
98-95-3	Nitrobenzene	13	U	400	13	8.7
88-75-5	2-Nitrophenol	110	U	200	110	110
100-02-7	4-Nitrophenol	320	U	1300	320	320
621-64-7	N-Nitrosodi-n-propylamine	110	U	200	110	110
86-30-6	N-Nitrosodiphenylamine	110	U	200	110	83
87-86-5	Pentachlorophenol	320	U	590	320	320
85-01-8	Phenanthrene	170		26	13	13
108-95-2	Phenol	110	U	200	110	110
129-00-0	Pyrene	98		26	13	13
120-82-1	1,2,4-Trichlorobenzene	110	U	200	110	110
95-95-4	2,4,5-Trichlorophenol	110	U	590	110	99
88-06-2	2,4,6-Trichlorophenol	320	U	590	320	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0001M-0001-SO | Lab Sample ID: 240-17422-4

Matrix: Solid | Lab File ID: 21126013.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 09:15

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.31(g) | Date Analyzed: 11/26/2012 14:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	67		45-105
367-12-4	2-Fluorophenol (Surr)	69		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	76		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	77		35-125
4165-62-2	Phenol-d5 (Surr)	73		40-100

Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D
Lims ID: 240-17422-A-4-D Client ID: 073SS-0001M-0001-SO
Inject. Date: 26-Nov-2012 14:45:30 Dil. Factor: 4.0000
Sample Type: Client
Sample ID: 240-0015260-013
Misc. Info.: 240-17422-a-4-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 66246 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj Date: 27-Nov-2012 15:42:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	157221	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	608015	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	365431	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	97	642325	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	97	688304	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	96	577571	4.00	
$ 7 2-Fluorophenol	112	4.586	4.565	0.021	89	126338	2.60	
$ 8 Phenol-d5	99	5.490	5.485	0.005	90	168843	2.74	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	85	92112	1.72	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	199753	1.68	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	43578	2.88	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	97	241842	1.90	
41 Phenol	94		5.501					9
44 Bis(2-chloroethyl)ether	93		5.592					
46 2-Chlorophenol	128		5.646					
47 1,3-Dichlorobenzene	146		5.790					
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	32	7626	0.1340	
49 Benzyl alcohol	108		5.956					9
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	61	14421	0.2658	
51 2-Methylphenol	108		6.047					9
52 2,2'-oxybis[1-chloropropane]	45		6.073					9
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					
63 Isophorone	82		6.555					
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					9
72 1,2,4-Trichlorobenzene	180		6.908					9
73 Naphthalene	128	6.983	6.983	-0.001	94	149331	0.9829	
74 4-Chloroaniline	127		7.015					9
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	91	141275	1.45	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					
91 2,4,5-Trichlorophenol	196		7.833					
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					9
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152		8.341					9
108 3-Nitroaniline	138		8.405					9
110 Acenaphthene	153		8.486					
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					
112 2,4-Dinitrotoluene	165		8.598					9
114 Dibenzofuran	168	8.630	8.630	0.0	93	48471	0.3258	
119 Diethyl phthalate	149		8.791					
121 4-Chlorophenyl phenyl ether	204		8.908					9
124 Fluorene	166	8.924	8.919	0.005	63	6729	0.0563	
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					9
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					9
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					
146 Phenanthrene	178	9.737	9.732	0.005	95	110785	0.6313	
147 Anthracene	178	9.780	9.780	0.0	40	9410	0.0540	
149 Carbazole	167	9.903	9.903	0.0	52	9530	0.0563	
151 Di-n-butyl phthalate	149		10.160					
157 Fluoranthene	202	10.737	10.737	0.0	94	82868	0.4276	
160 Pyrene	202	10.946	10.941	0.005	96	81288	0.3701	
166 Butyl benzyl phthalate	149		11.518					
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149		12.176					
175 Benzo[a]anthracene	228	12.208	12.203	0.005	78	47852	0.2491	
176 Chrysene	228	12.256	12.251	0.005	53	61875	0.3380	
178 Di-n-octyl phthalate	149		13.064					
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	91	77573	0.4210	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	93	18043	0.0901	M
182 Benzo[a]pyrene	252	14.176	14.171	0.005	60	41150	0.3338	
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	64	25402	0.2050	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.311	16.305	0.006	74	25752	0.1557	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

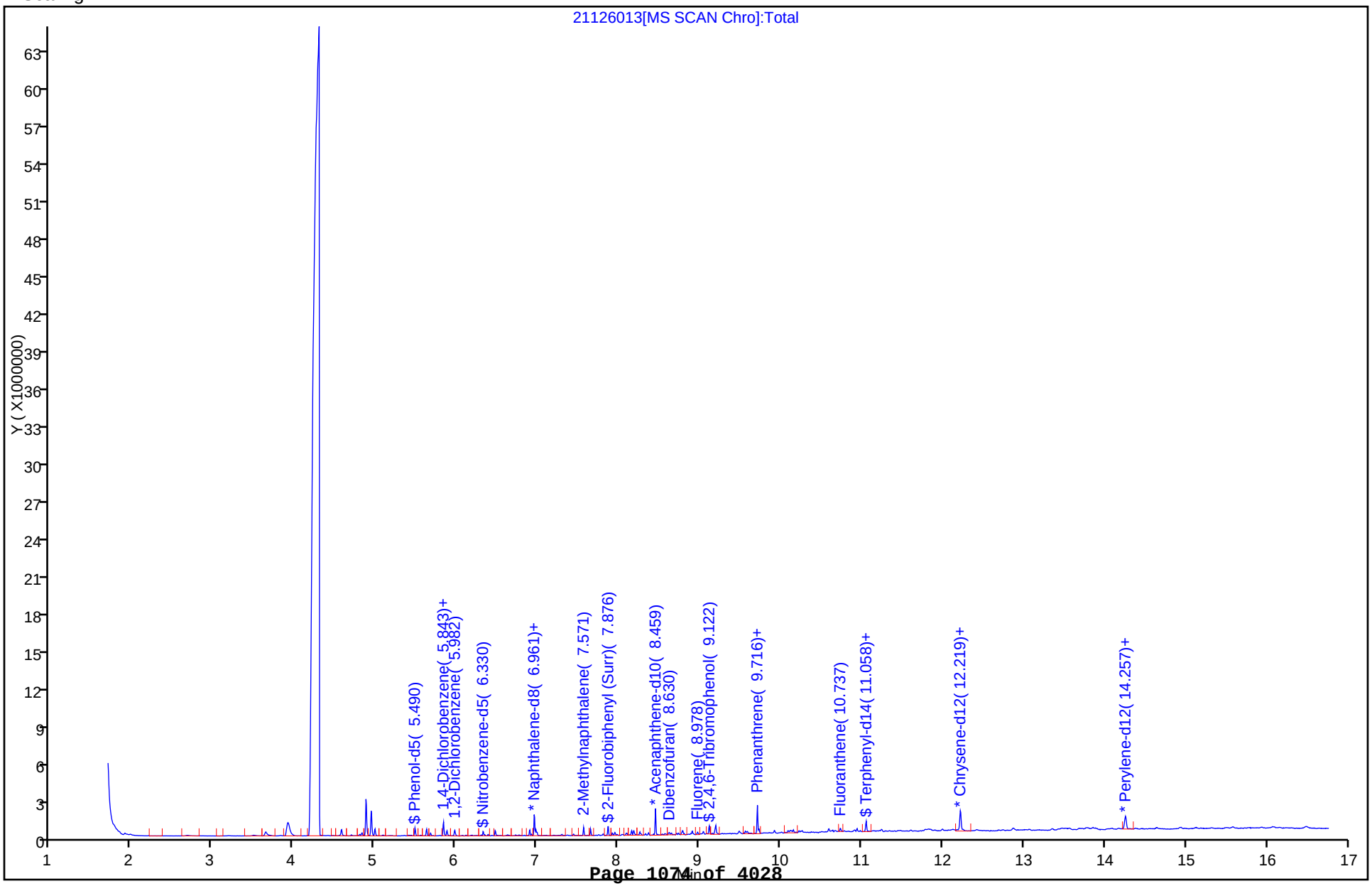
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

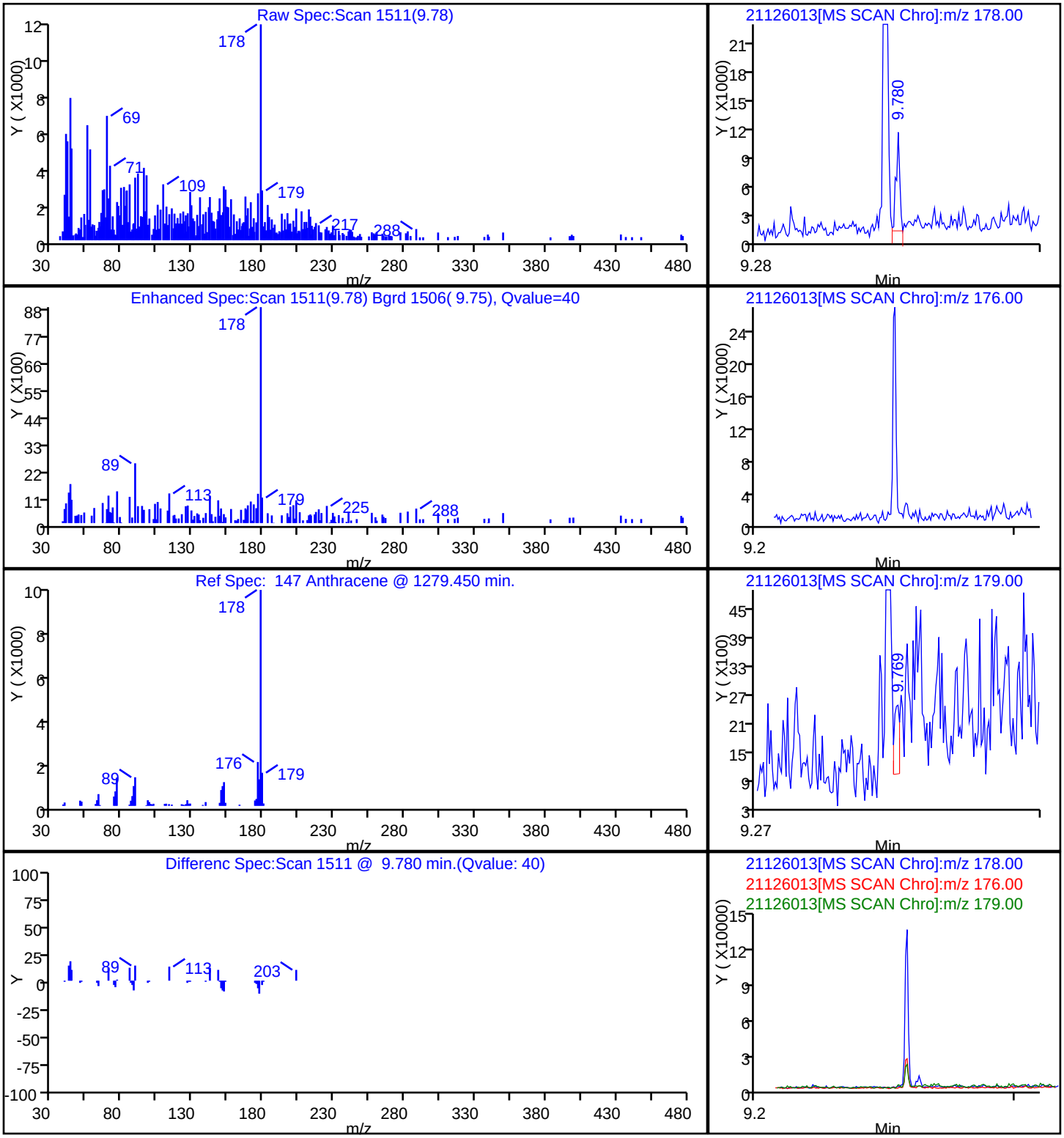


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

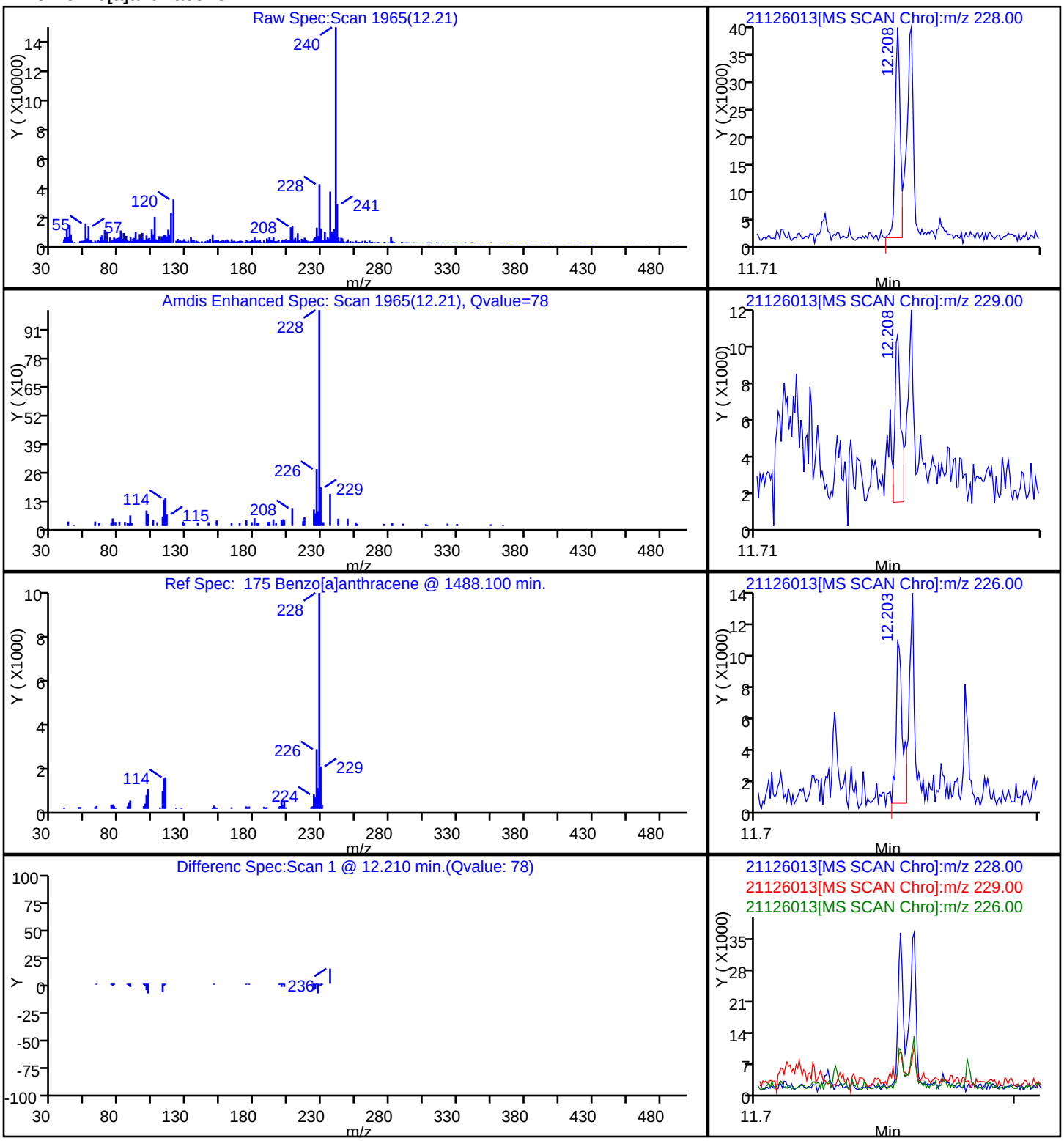


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

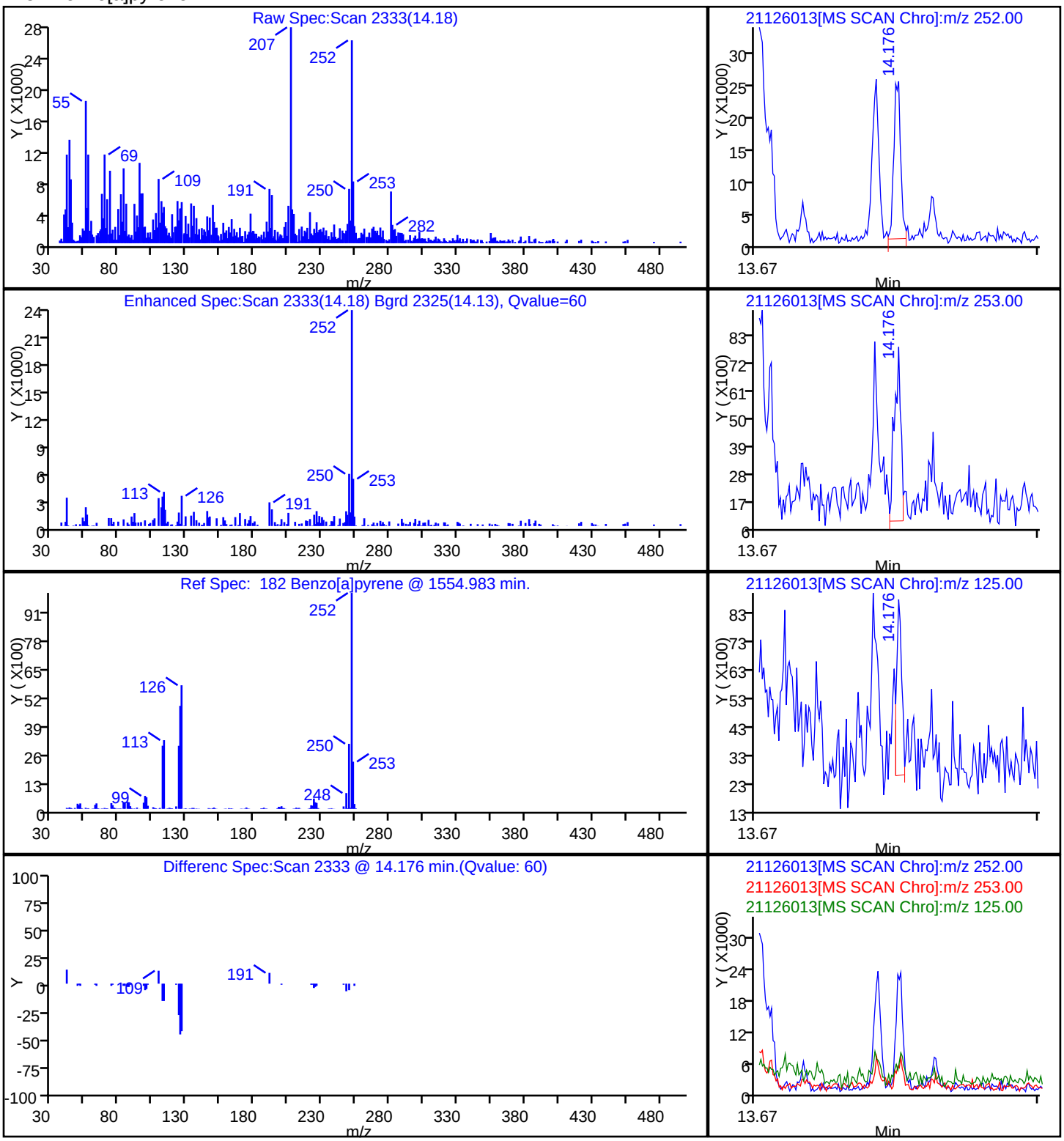


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

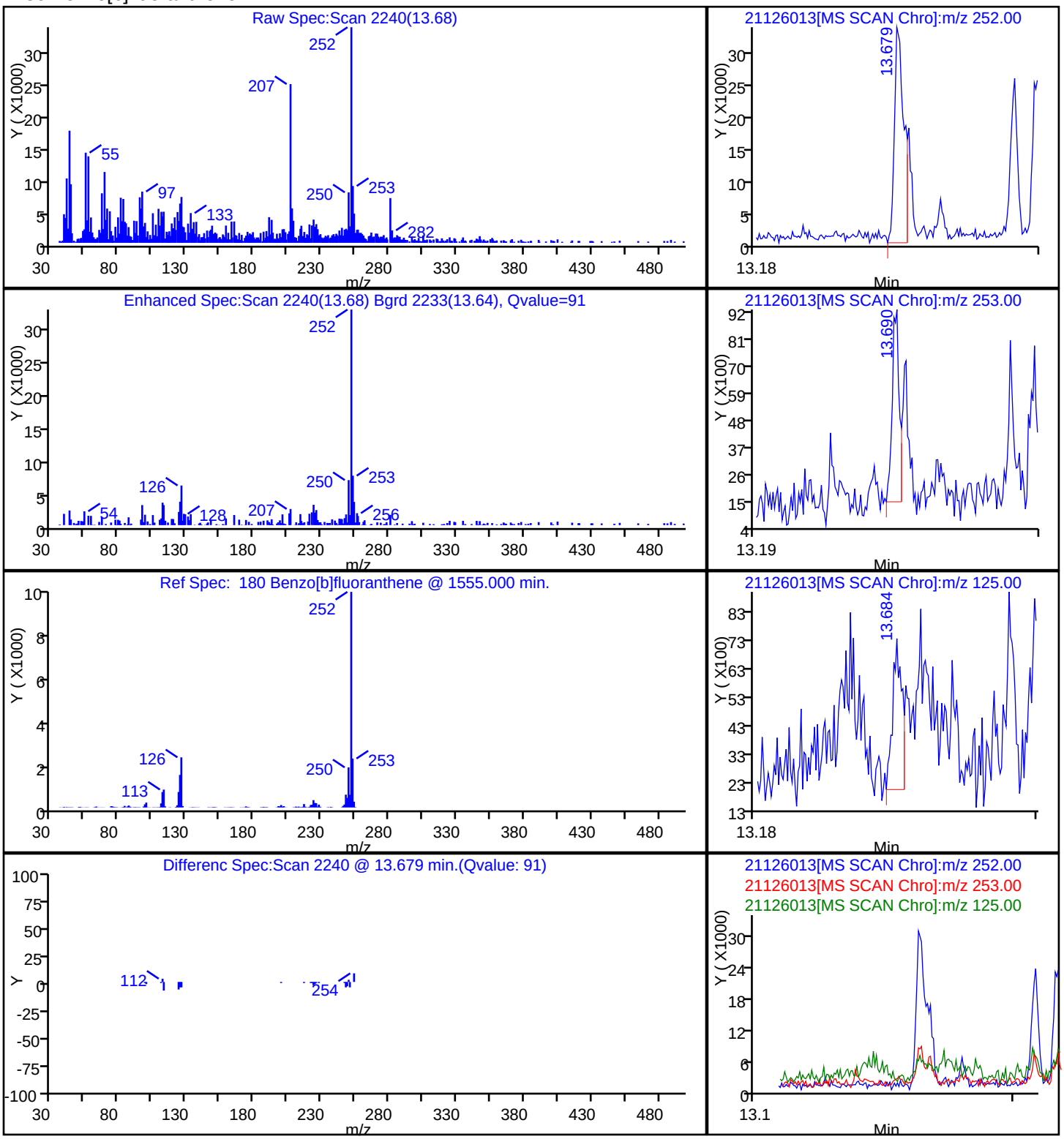


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

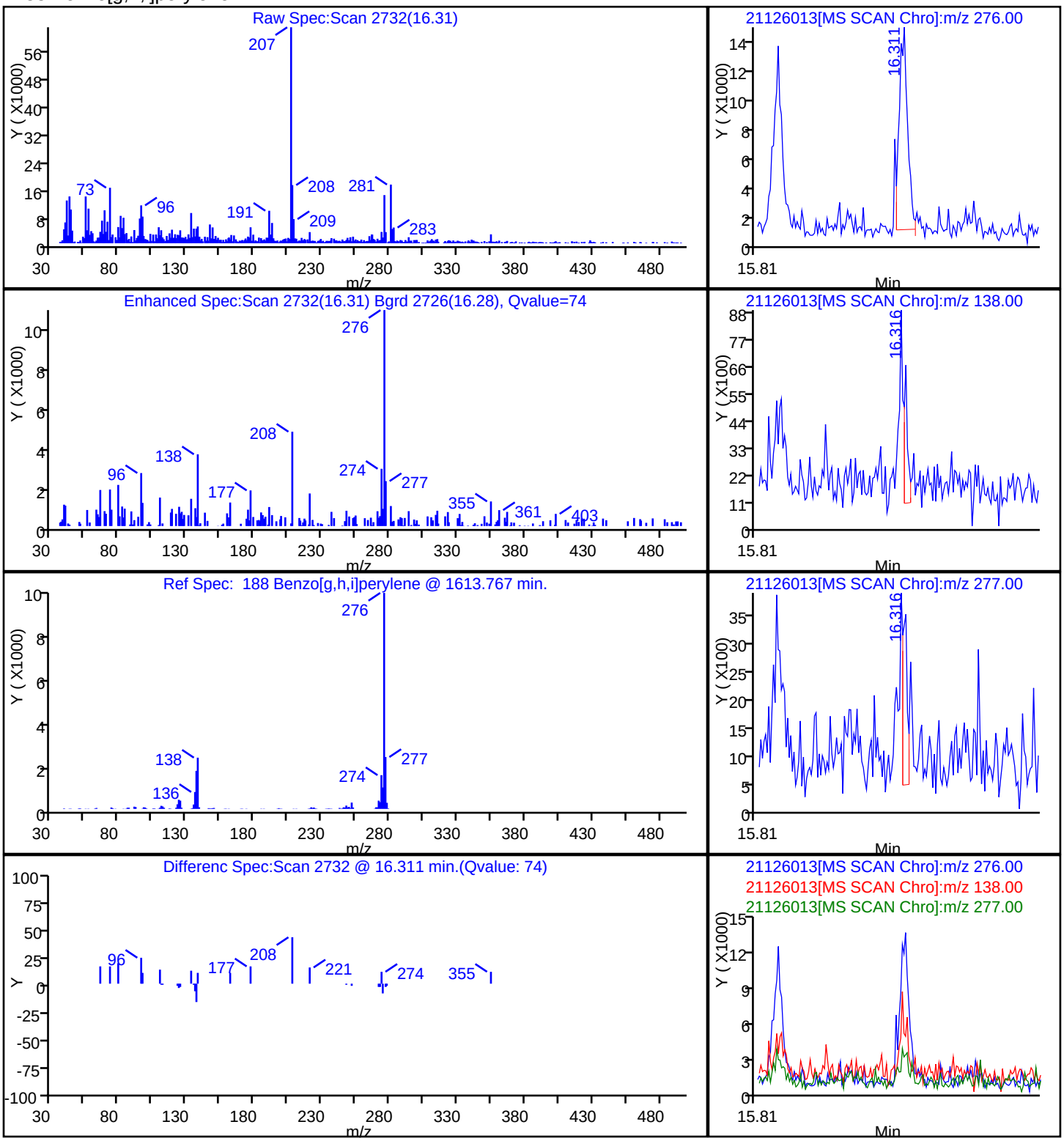


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

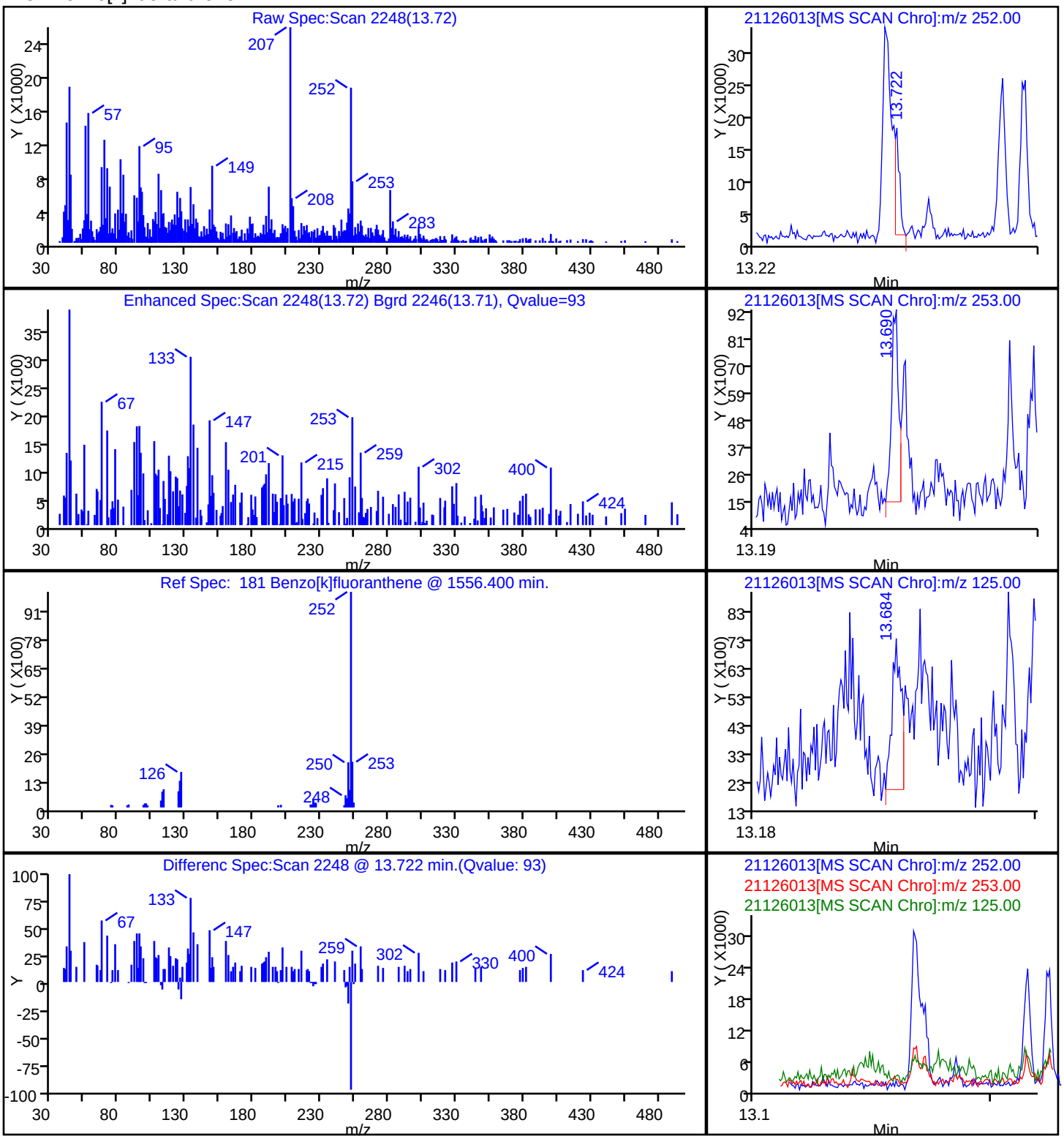


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



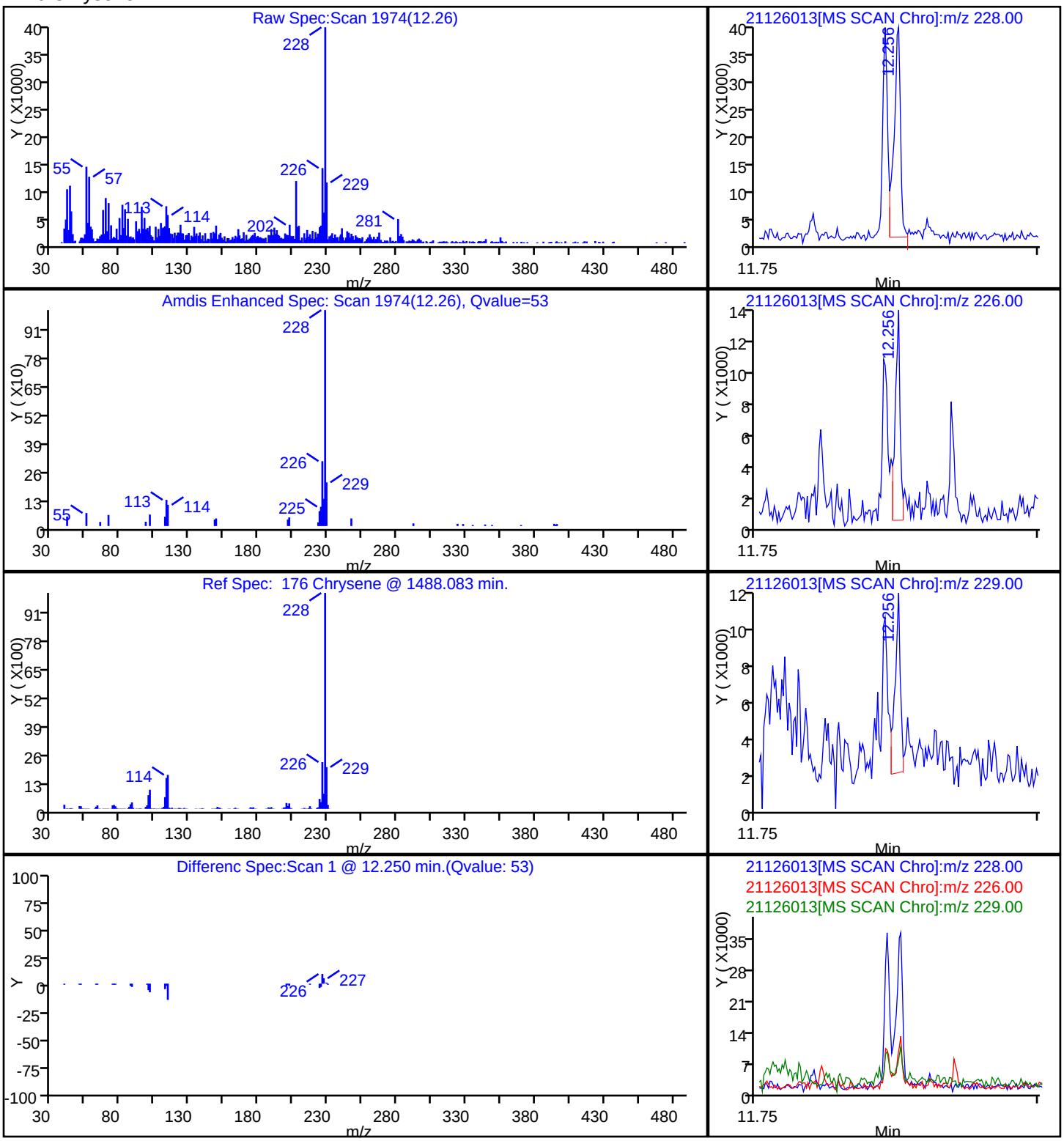
Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D

Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

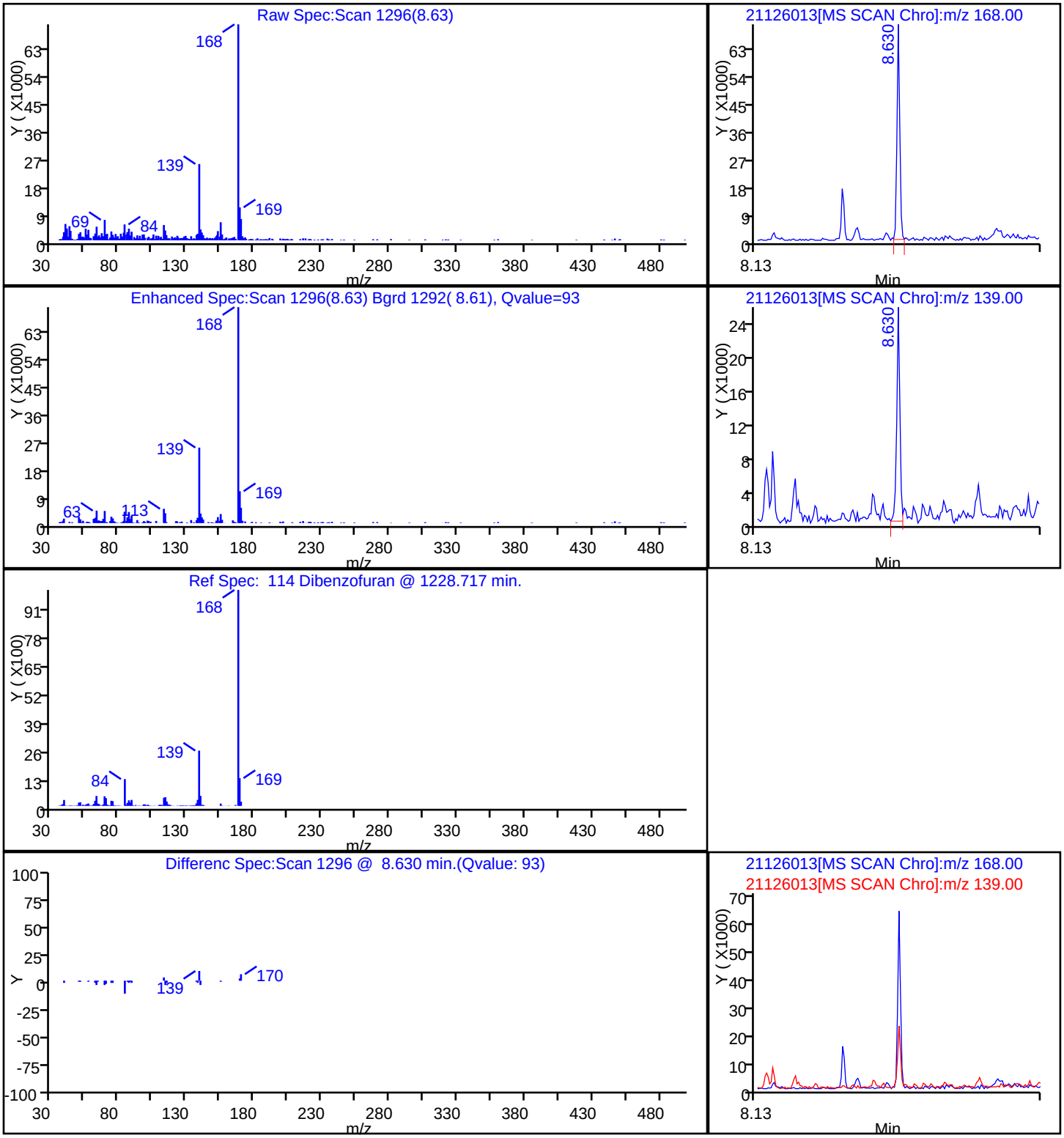


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



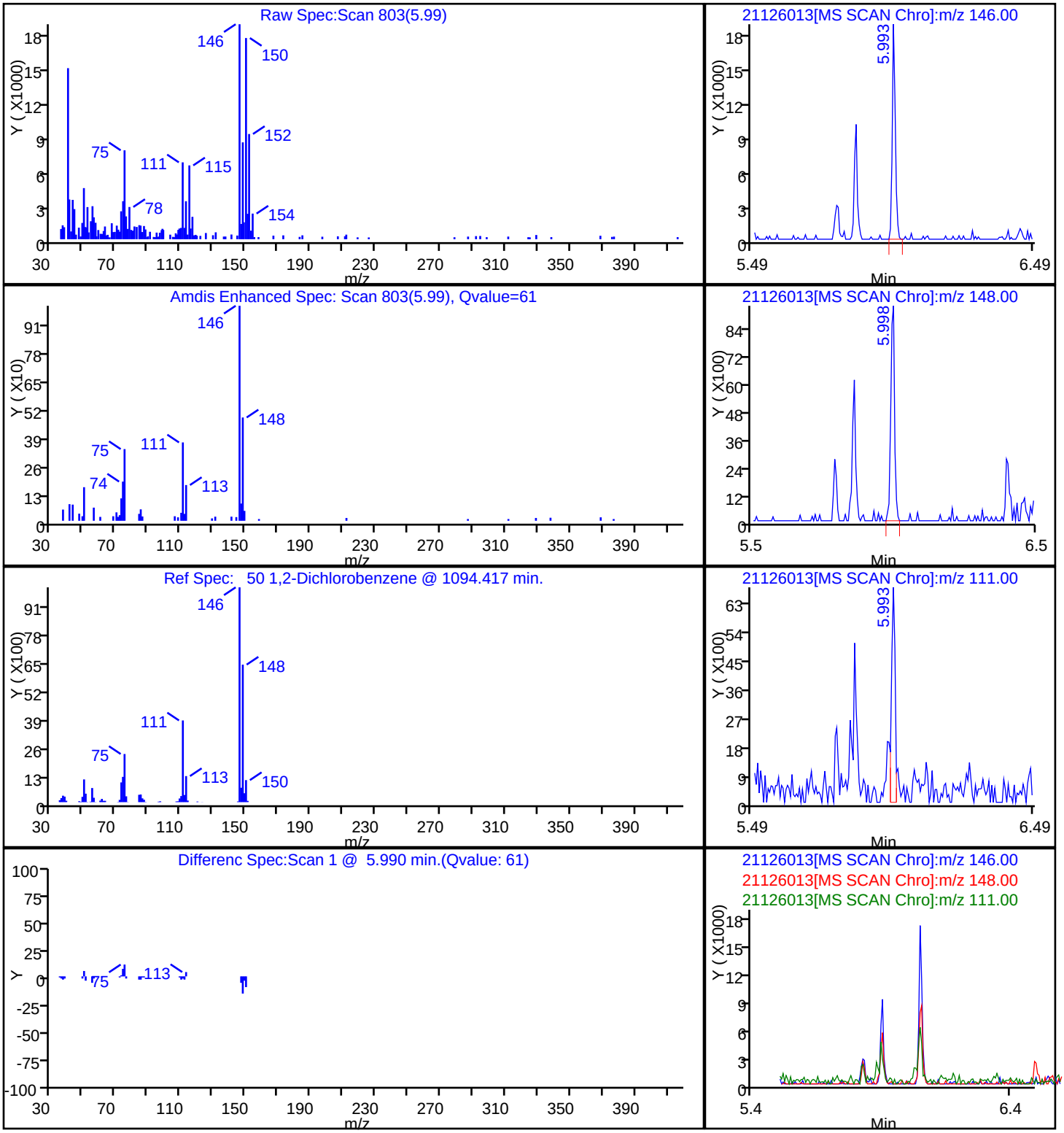
Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D

Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

50 1,2-Dichlorobenzene

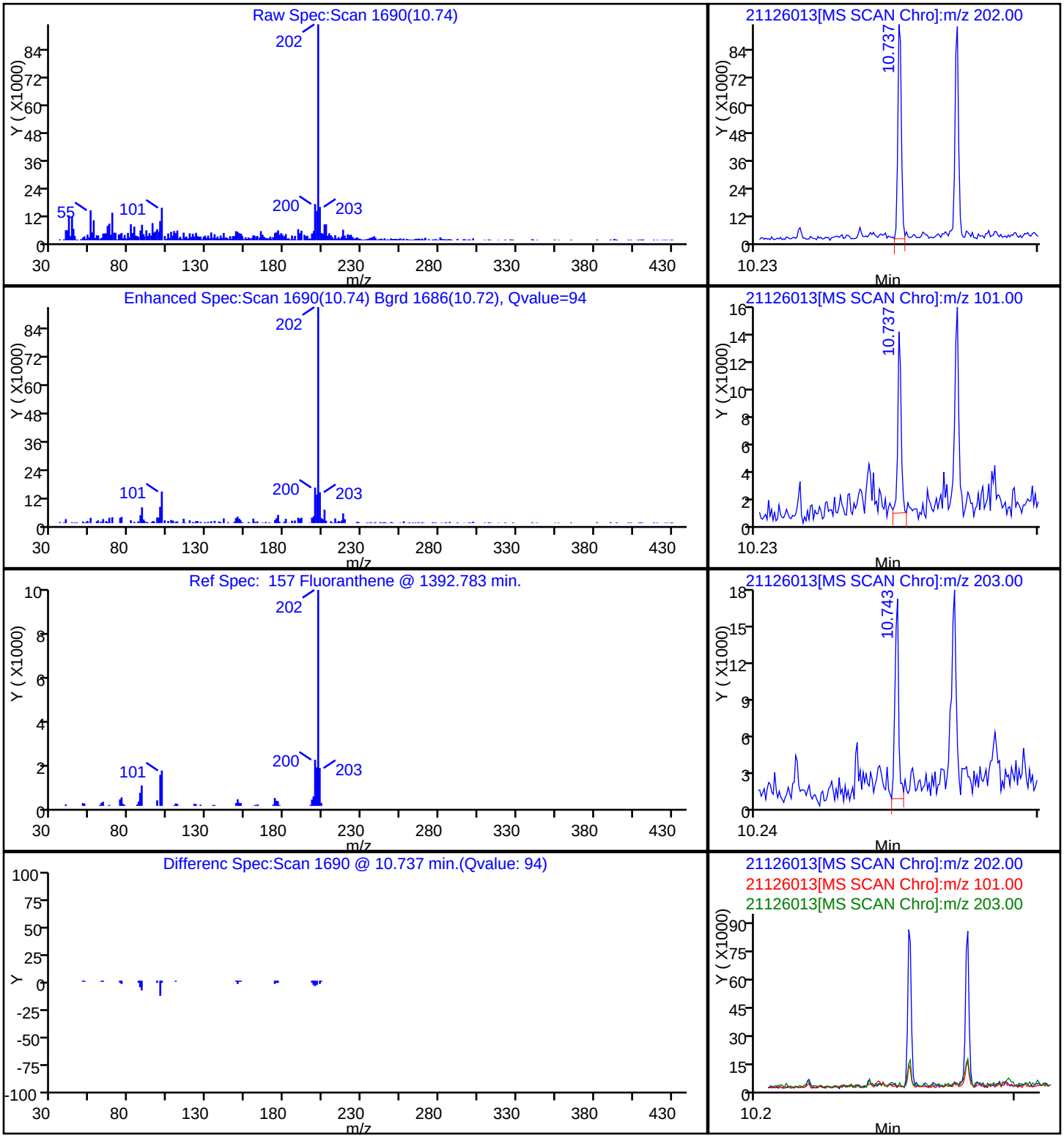


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



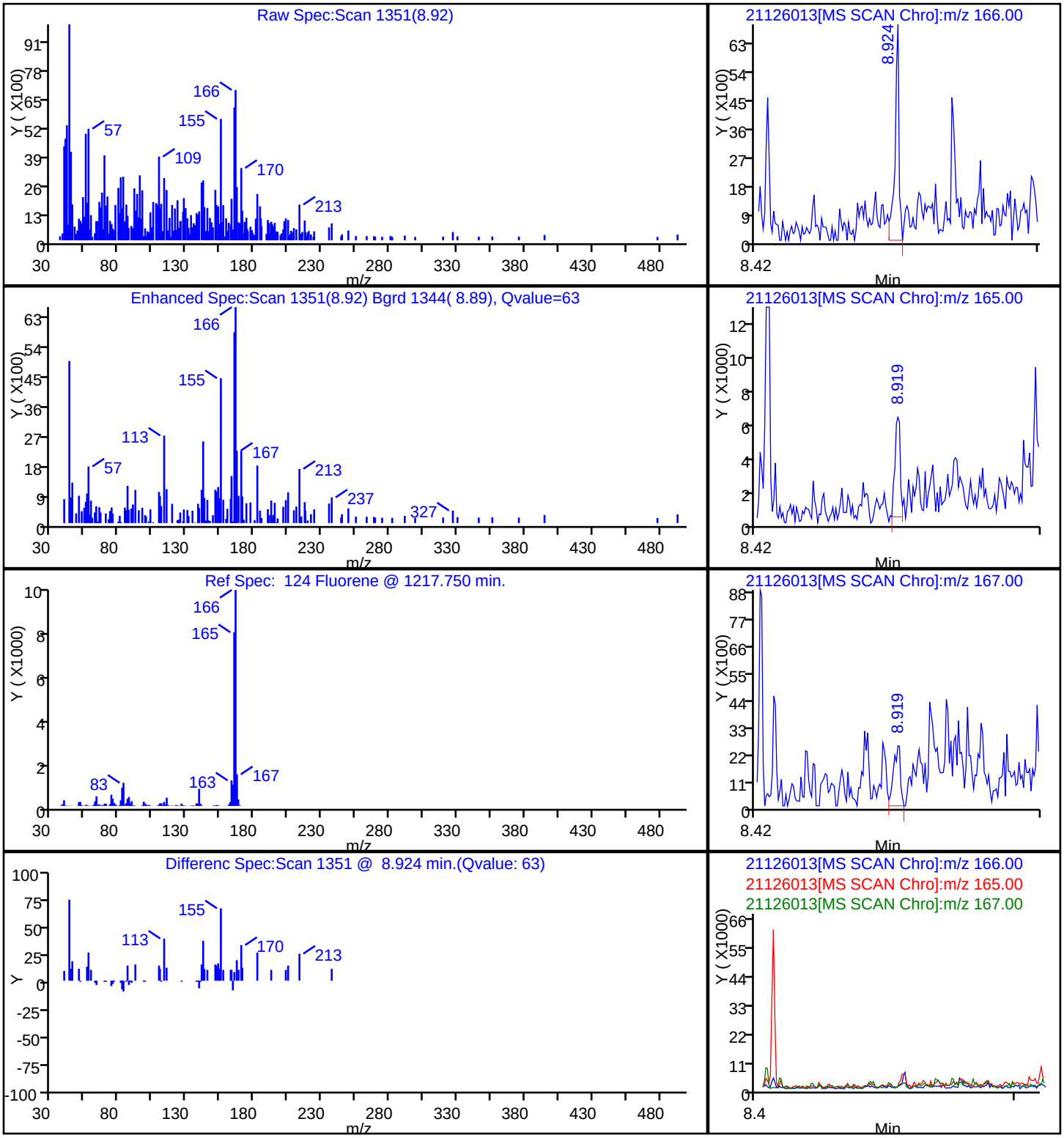
Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D

Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

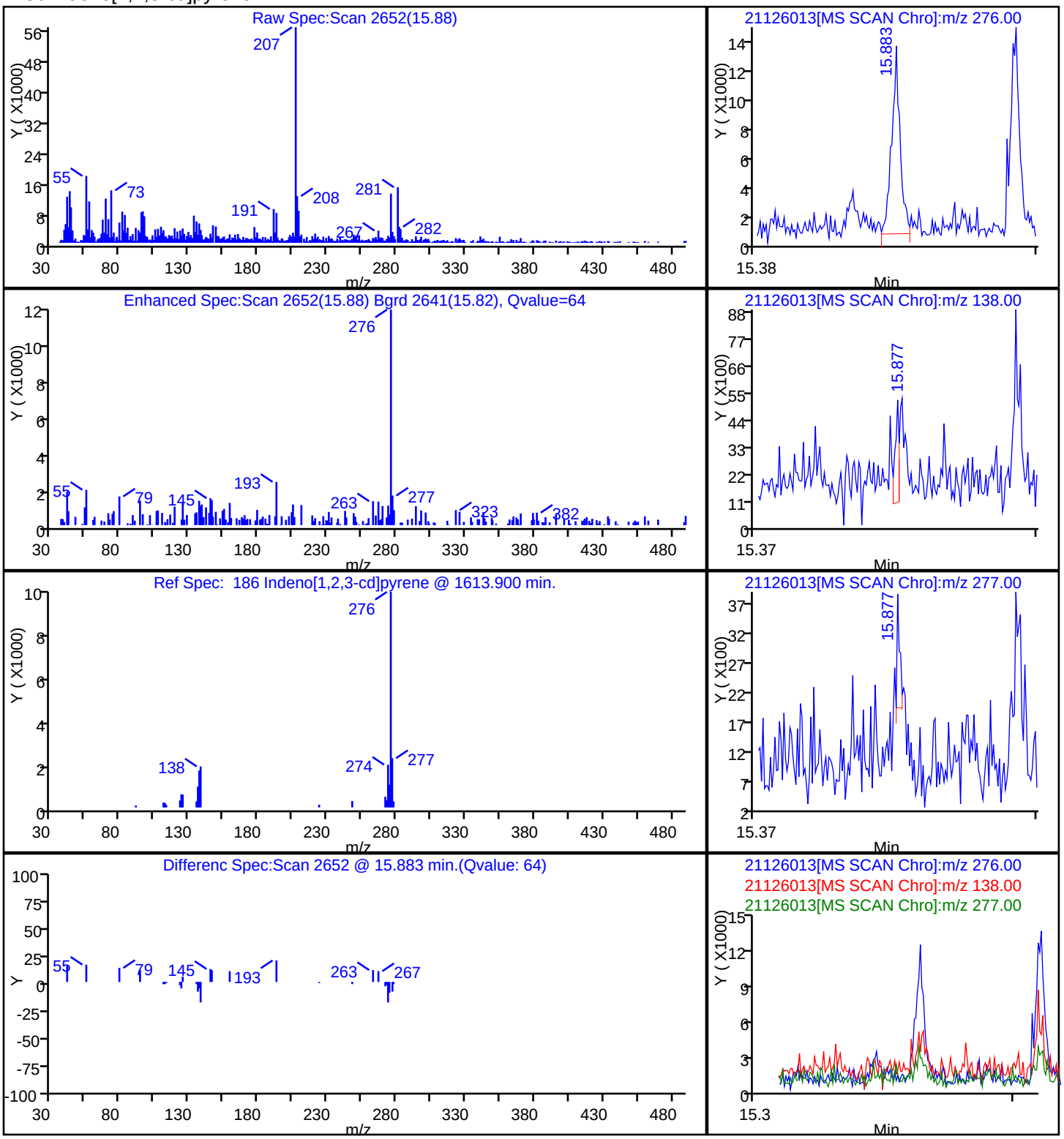


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

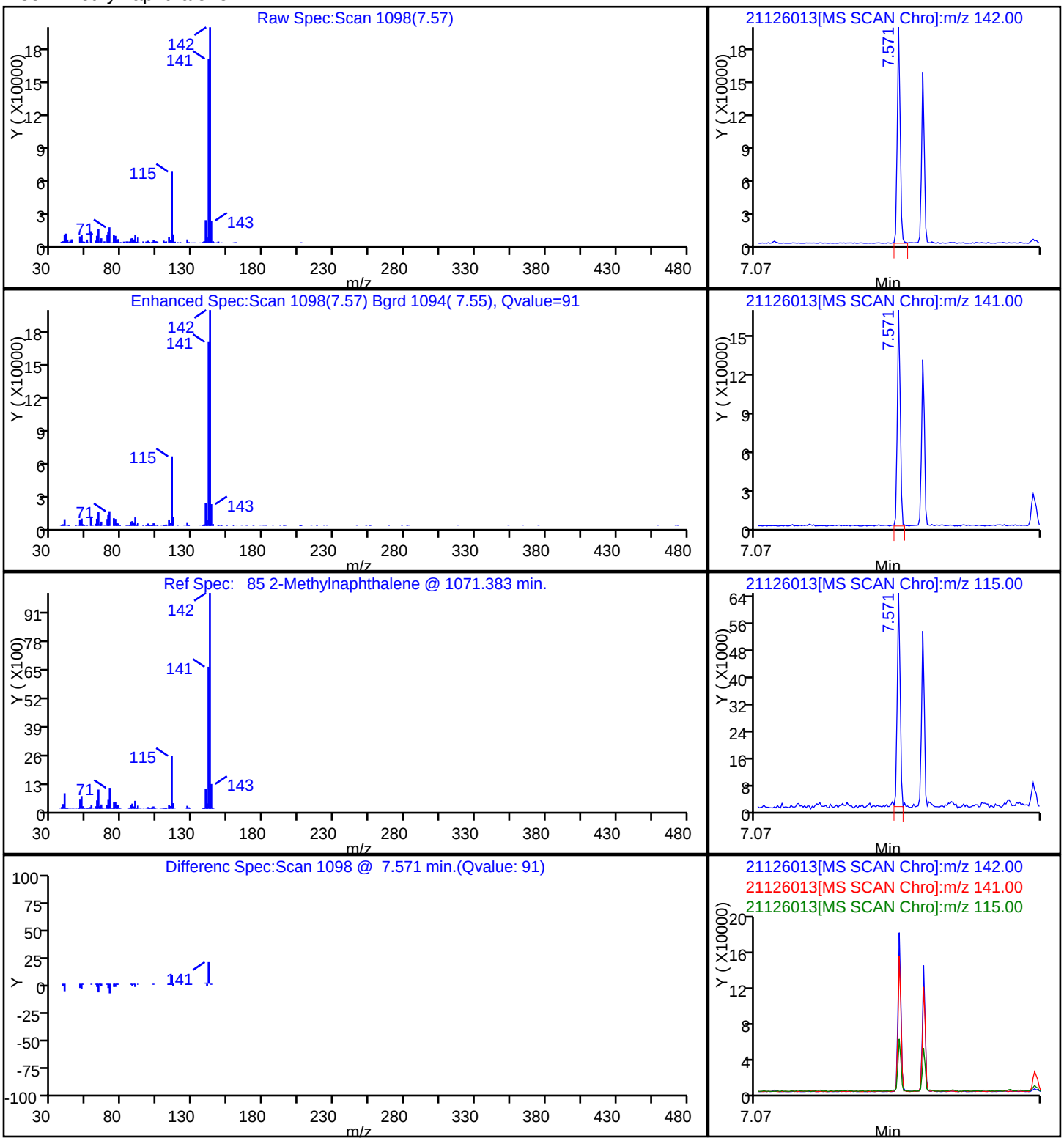


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



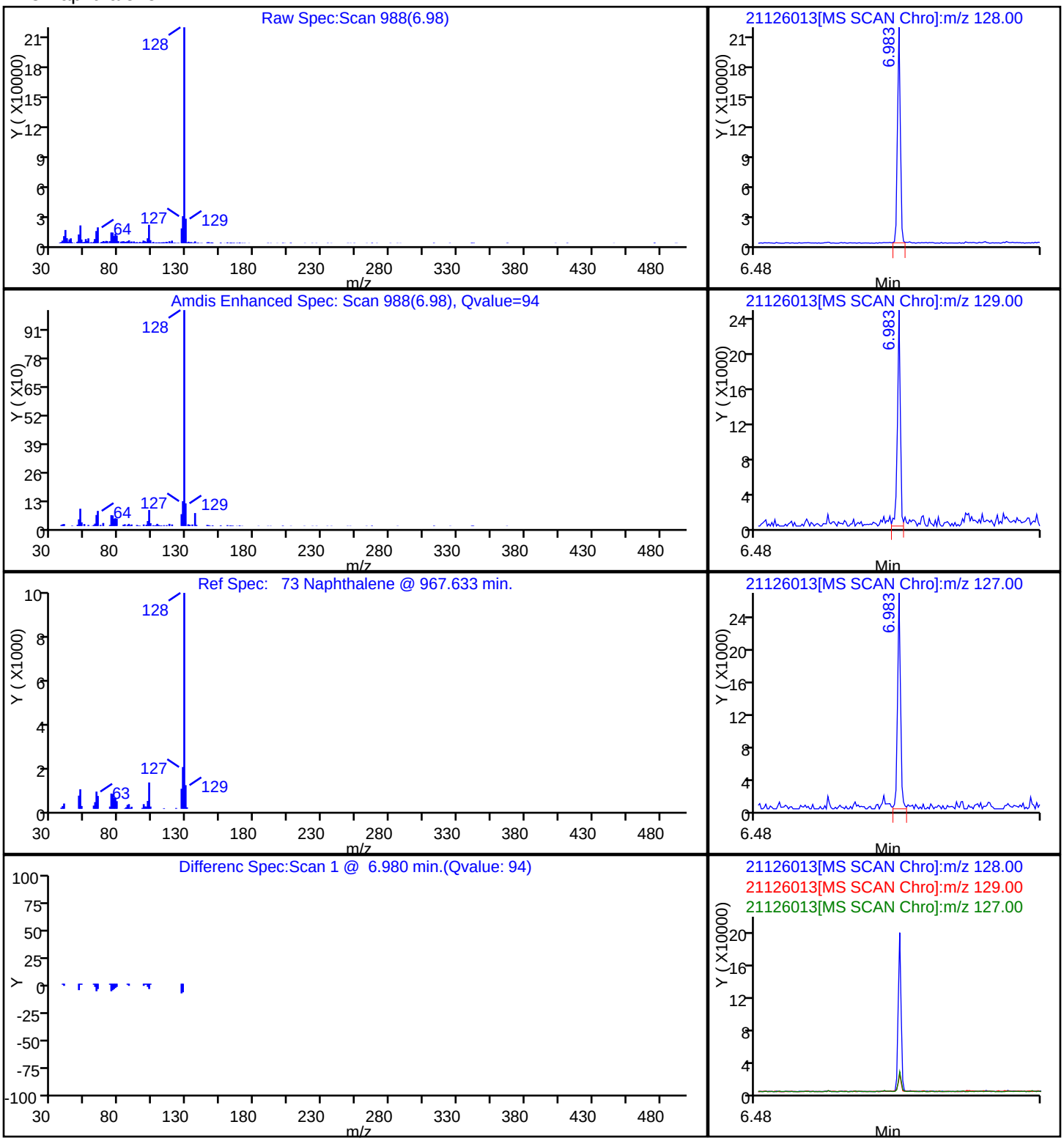
Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D

Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

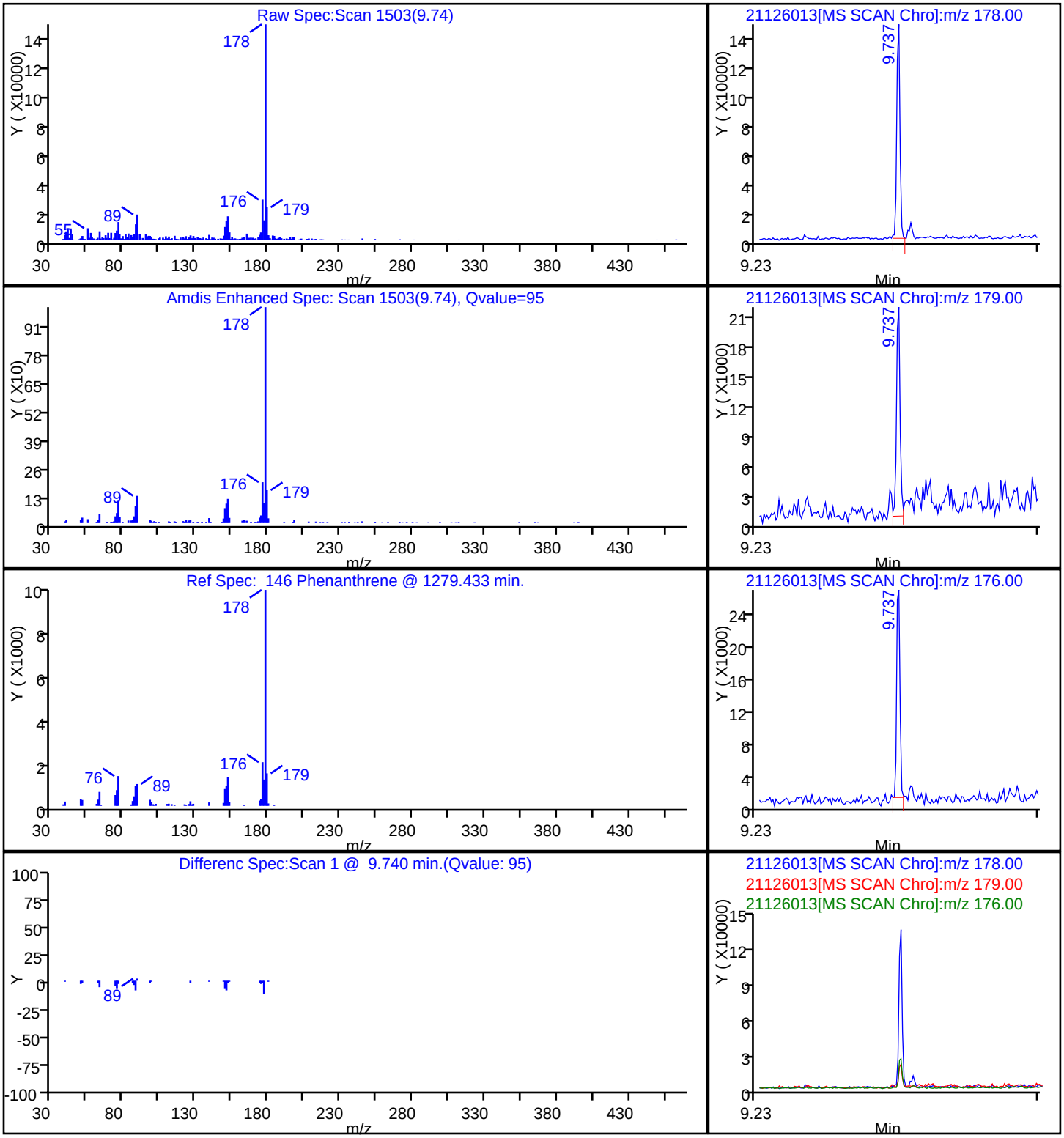


Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



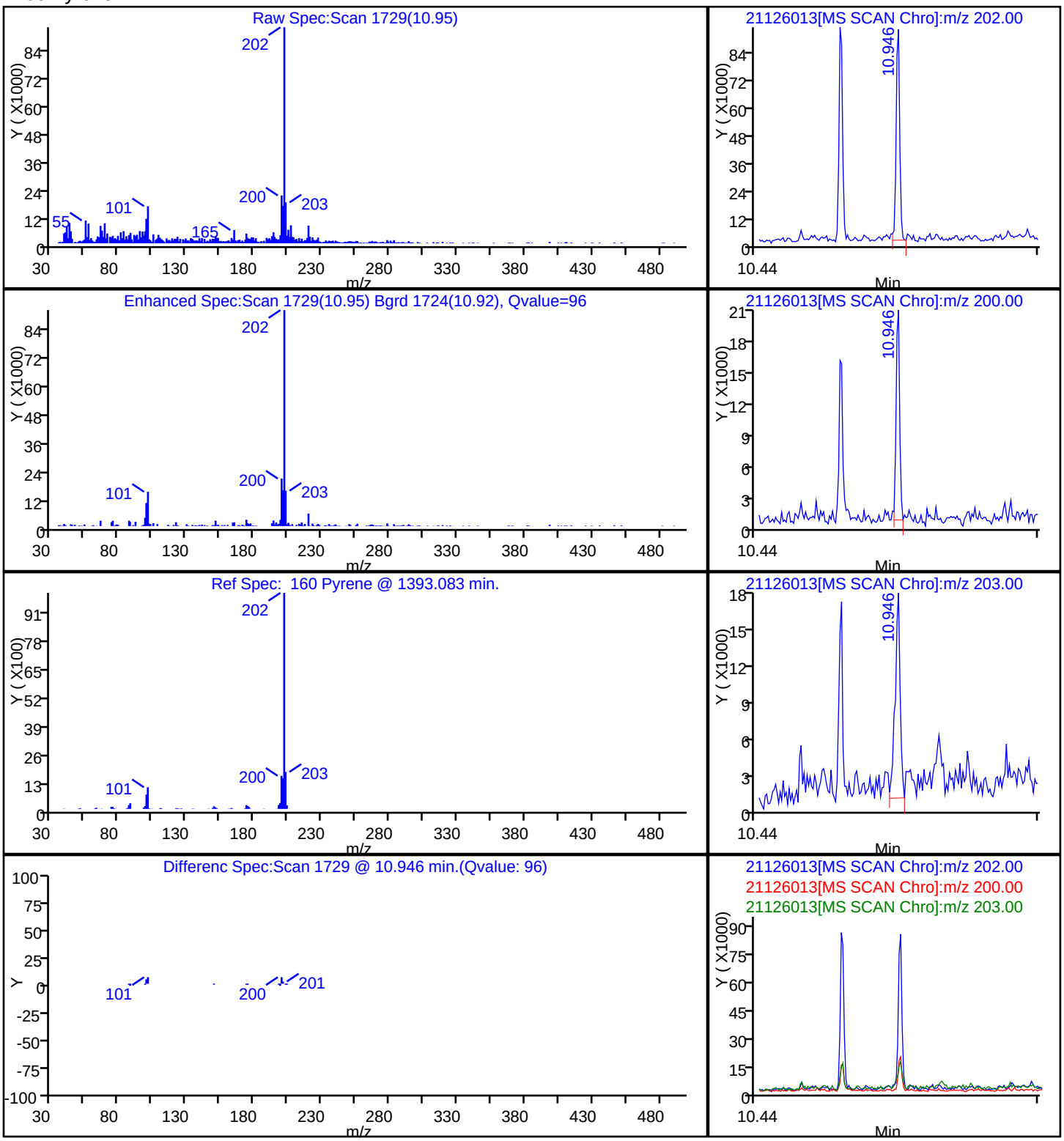
Report Date: 27-Nov-2012 16:01:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D

Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

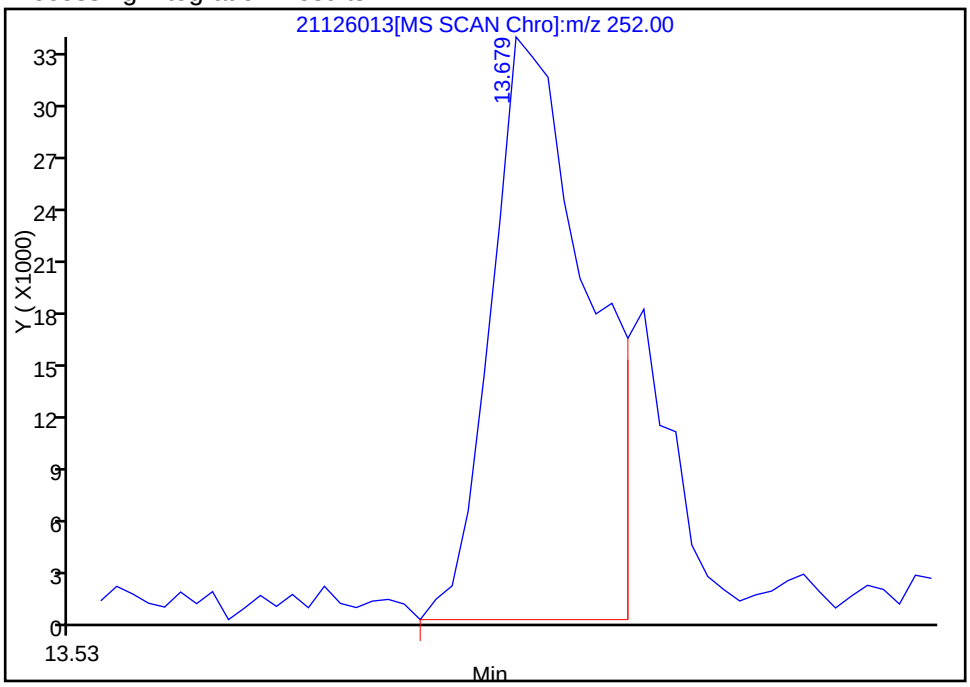
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126013.D		
Injection Date:	26-Nov-2012 14:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

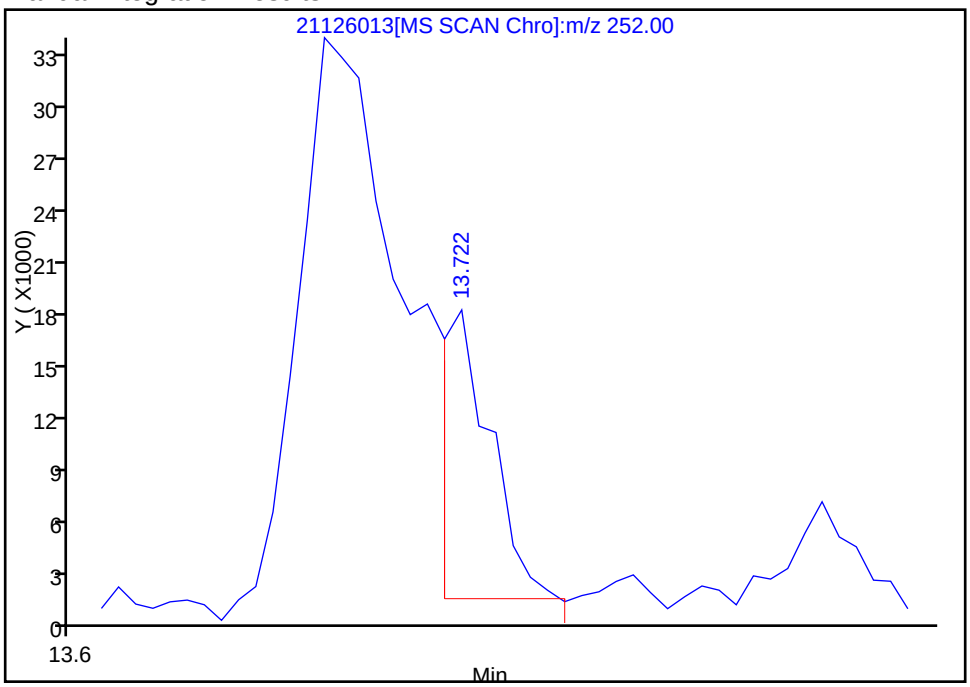
Processing Integration Results

RT: 13.68
Response: 77573
Amount: 0.387462



Manual Integration Results

RT: 13.72
Response: 18043
Amount: 0.090121



Reviewer: gruberj, 27-Nov-2012 15:42:03
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO | Lab Sample ID: 240-17422-5

Matrix: Solid | Lab File ID: 21126014.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.69(g) | Date Analyzed: 11/26/2012 15:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	13	U	27	13	13
208-96-8	Acenaphthylene	13	U	27	13	13
120-12-7	Anthracene	13	U	27	13	13
56-55-3	Benzo[a]anthracene	52		27	13	13
50-32-8	Benzo[a]pyrene	87		27	13	13
205-99-2	Benzo[b]fluoranthene	120		27	13	13
191-24-2	Benzo[g,h,i]perylene	29		27	13	13
65-85-0	Benzoic acid	1300	U	2700	1300	1300
207-08-9	Benzo[k]fluoranthene	26	J M	27	13	13
100-51-6	Benzyl alcohol	110	U	1300	110	85
111-91-1	Bis(2-chloroethoxy)methane	110	U	400	110	89
111-44-4	Bis(2-chloroethyl)ether	13	U	400	13	8.1
108-60-1	bis (2-chloroisopropyl) ether	110	U	400	110	38
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	200	110	77
101-55-3	4-Bromophenyl phenyl ether	110	U	200	110	53
85-68-7	Butyl benzyl phthalate	110	U	200	110	40
86-74-8	Carbazole	110	U	200	110	110
106-47-8	4-Chloroaniline	110	U	610	110	69
59-50-7	4-Chloro-3-methylphenol	110	U	610	110	85
91-58-7	2-Chloronaphthalene	13	U	200	13	13
95-57-8	2-Chlorophenol	110	U	200	110	110
7005-72-3	4-Chlorophenyl phenyl ether	110	U	200	110	53
218-01-9	Chrysene	80		27	13	4.4
53-70-3	Dibenz(a,h)anthracene	13	U	27	13	13
132-64-9	Dibenzofuran	23	J	200	13	13
106-46-7	1,4-Dichlorobenzene	110	U	200	110	81
95-50-1	1,2-Dichlorobenzene	110	U	200	110	39
541-73-1	1,3-Dichlorobenzene	110	U	200	110	44
91-94-1	3,3'-Dichlorobenzidine	320	U	400	320	73
120-83-2	2,4-Dichlorophenol	110	U	610	110	81
84-66-2	Diethyl phthalate	110	U	200	110	65
105-67-9	2,4-Dimethylphenol	320	U	610	320	81
131-11-3	Dimethyl phthalate	110	U	200	110	69
84-74-2	Di-n-butyl phthalate	110	U	200	110	61

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO | Lab Sample ID: 240-17422-5

Matrix: Solid | Lab File ID: 21126014.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.69(g) | Date Analyzed: 11/26/2012 15:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320	U	610	320	320
51-28-5	2,4-Dinitrophenol	320	U	1300	320	320
121-14-2	2,4-Dinitrotoluene	110	U	810	110	110
606-20-2	2,6-Dinitrotoluene	110	U	810	110	85
117-84-0	Di-n-octyl phthalate	110	U	200	110	110
206-44-0	Fluoranthene	99		27	13	13
86-73-7	Fluorene	13	U	27	13	13
118-74-1	Hexachlorobenzene	13	U	27	13	8.5
87-68-3	Hexachlorobutadiene	110	U	200	110	110
77-47-4	Hexachlorocyclopentadiene	110	U	1300	110	110
67-72-1	Hexachloroethane	110	U	200	110	36
193-39-5	Indeno[1,2,3-cd]pyrene	54		27	13	13
78-59-1	Isophorone	110	U	200	110	53
91-57-6	2-Methylnaphthalene	90		27	13	13
95-48-7	2-Methylphenol	320	U	810	320	320
15831-10-4	3 & 4 Methylphenol	320	U	1600	320	81
91-20-3	Naphthalene	63		27	13	13
88-74-4	2-Nitroaniline	110	U	810	110	37
99-09-2	3-Nitroaniline	320	U	810	320	65
100-01-6	4-Nitroaniline	110	U	810	110	110
98-95-3	Nitrobenzene	13	U	400	13	8.9
88-75-5	2-Nitrophenol	110	U	200	110	110
100-02-7	4-Nitrophenol	320	U	1300	320	320
621-64-7	N-Nitrosodi-n-propylamine	110	U	200	110	110
86-30-6	N-Nitrosodiphenylamine	110	U	200	110	85
87-86-5	Pentachlorophenol	320	U	610	320	320
85-01-8	Phenanthrene	61		27	13	13
108-95-2	Phenol	110	U	200	110	110
129-00-0	Pyrene	78		27	13	13
120-82-1	1,2,4-Trichlorobenzene	110	U	200	110	110
95-95-4	2,4,5-Trichlorophenol	110	U	610	110	100
88-06-2	2,4,6-Trichlorophenol	320	U	610	320	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO | Lab Sample ID: 240-17422-5

Matrix: Solid | Lab File ID: 21126014.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.69(g) | Date Analyzed: 11/26/2012 15:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125
4165-62-2	Phenol-d5 (Surr)	64		40-100

Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D
Lims ID: 240-17422-A-5-G Client ID: 073SS-0002M-0001-SO
Inject. Date: 26-Nov-2012 15:08:30 Dil. Factor: 4.0000
Sample Type: Client
Sample ID: 240-0015260-014
Misc. Info.: 240-17422-a-5-g
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66246 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj Date: 27-Nov-2012 15:43:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	94	175147	4.00	
* 2 Naphthalene-d8	136	6.966	6.961	0.005	98	670151	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	93	394807	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	707010	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	98	752516	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	96	598181	4.00	
$ 7 2-Fluorophenol	112	4.581	4.565	0.016	89	121414	2.24	
$ 8 Phenol-d5	99	5.490	5.485	0.005	89	164596	2.39	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	86	89539	1.52	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	189334	1.48	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	45721	2.80	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	98	237726	1.71	
41 Phenol	94		5.501					9
44 Bis(2-chloroethyl)ether	93		5.592					9
46 2-Chlorophenol	128		5.646					
47 1,3-Dichlorobenzene	146		5.790					9
48 1,4-Dichlorobenzene	146		5.854					9
49 Benzyl alcohol	108		5.956					
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					9
52 2,2'-oxybis[1-chloropropane]	45		6.073					
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					9
61 Nitrobenzene	77		6.346					
63 Isophorone	82	6.555	6.555	0.0	69	5896	0.0552	
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					
69 Benzoic acid	122		6.715					9
68 Bis(2-chloroethoxy)methane	93		6.731					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128	6.982	6.983	-0.001	66	38941	0.2326	
74 4-Chloroaniline	127		7.015					9
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					9
85 2-Methylnaphthalene	142	7.571	7.571	0.0	93	35701	0.3333	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					
91 2,4,5-Trichlorophenol	196		7.833					
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152		8.341					
108 3-Nitroaniline	138		8.405					
110 Acenaphthene	153		8.486					9
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					9
112 2,4-Dinitrotoluene	165		8.598					9
114 Dibenzofuran	168	8.630	8.630	0.0	84	13515	0.0841	
119 Diethyl phthalate	149		8.791					
121 4-Chlorophenyl phenyl ether	204		8.908					
124 Fluorene	166		8.919					
123 4-Nitroaniline	138		8.919					9
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					
146 Phenanthrene	178	9.737	9.732	0.005	48	43499	0.2252	
147 Anthracene	178		9.780					
149 Carbazole	167		9.903					
151 Di-n-butyl phthalate	149		10.160					
157 Fluoranthene	202	10.737	10.737	0.0	94	78023	0.3658	
160 Pyrene	202	10.946	10.941	0.005	93	69229	0.2883	
166 Butyl benzyl phthalate	149		11.518					
173 3,3'-Dichlorobenzidine	252		12.155					9
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	58	11744	0.2768	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	79	40564	0.1932	
176 Chrysene	228	12.256	12.251	0.005	79	59147	0.2955	
178 Di-n-octyl phthalate	149		13.064					
180 Benzo[b]fluoranthene	252	13.684	13.679	0.005	88	84603	0.4434	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	89	19775	0.0954	M
182 Benzo[a]pyrene	252	14.176	14.171	0.005	58	40769	0.3242	
186 Indeno[1,2,3-cd]pyrene	276	15.877	15.877	0.0	85	25311	0.2003	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	53	18176	0.1061	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

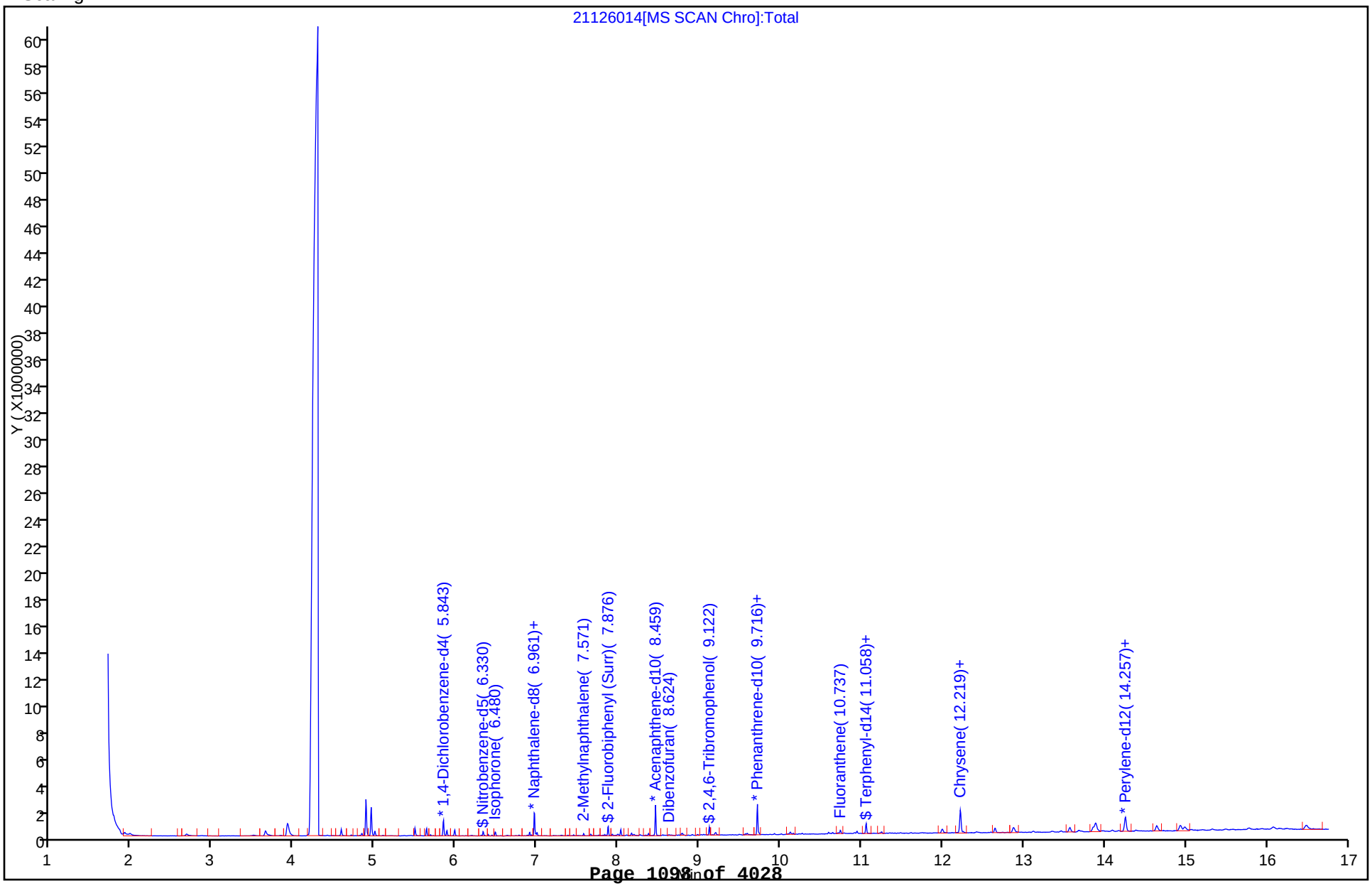
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

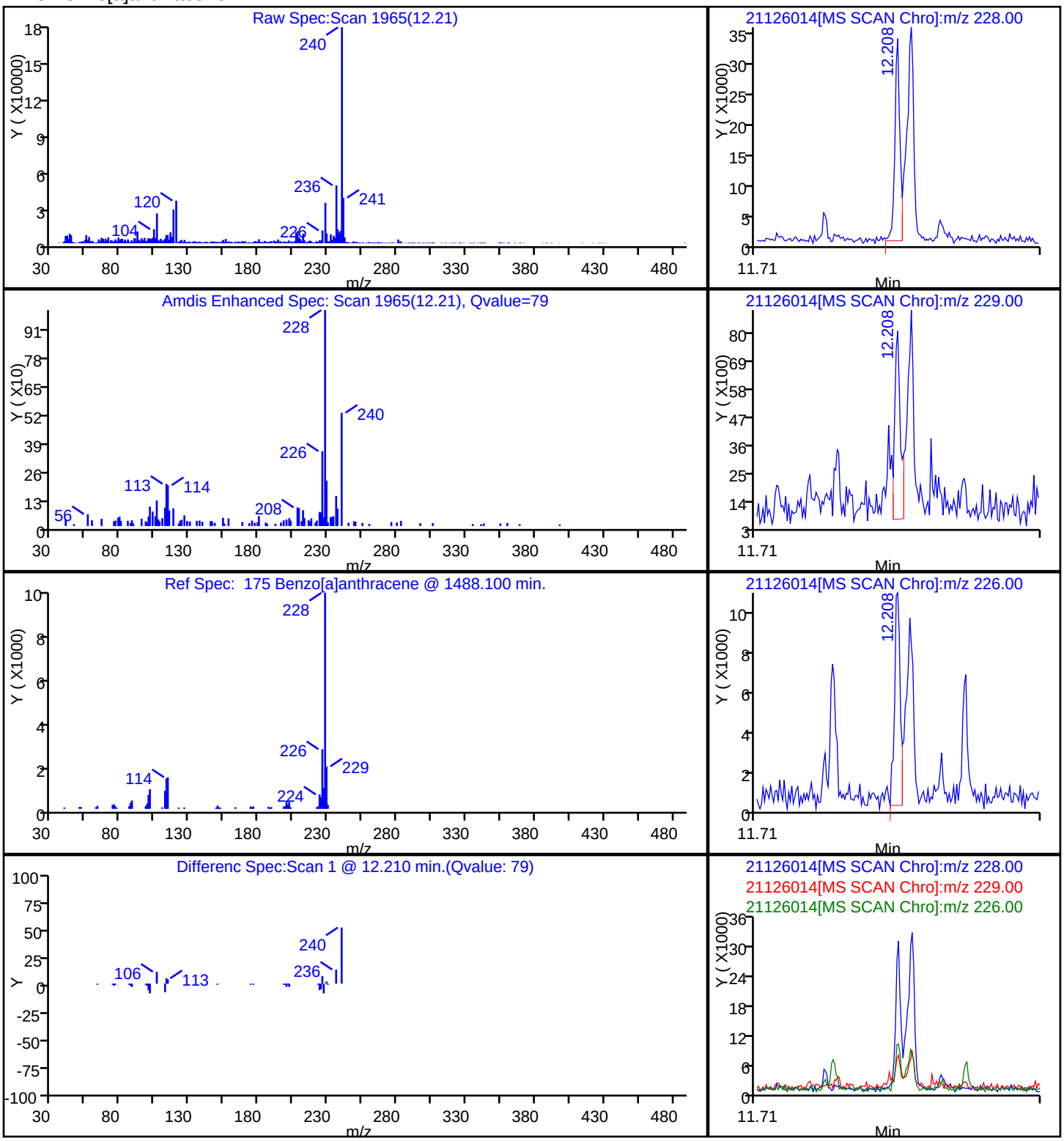


Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



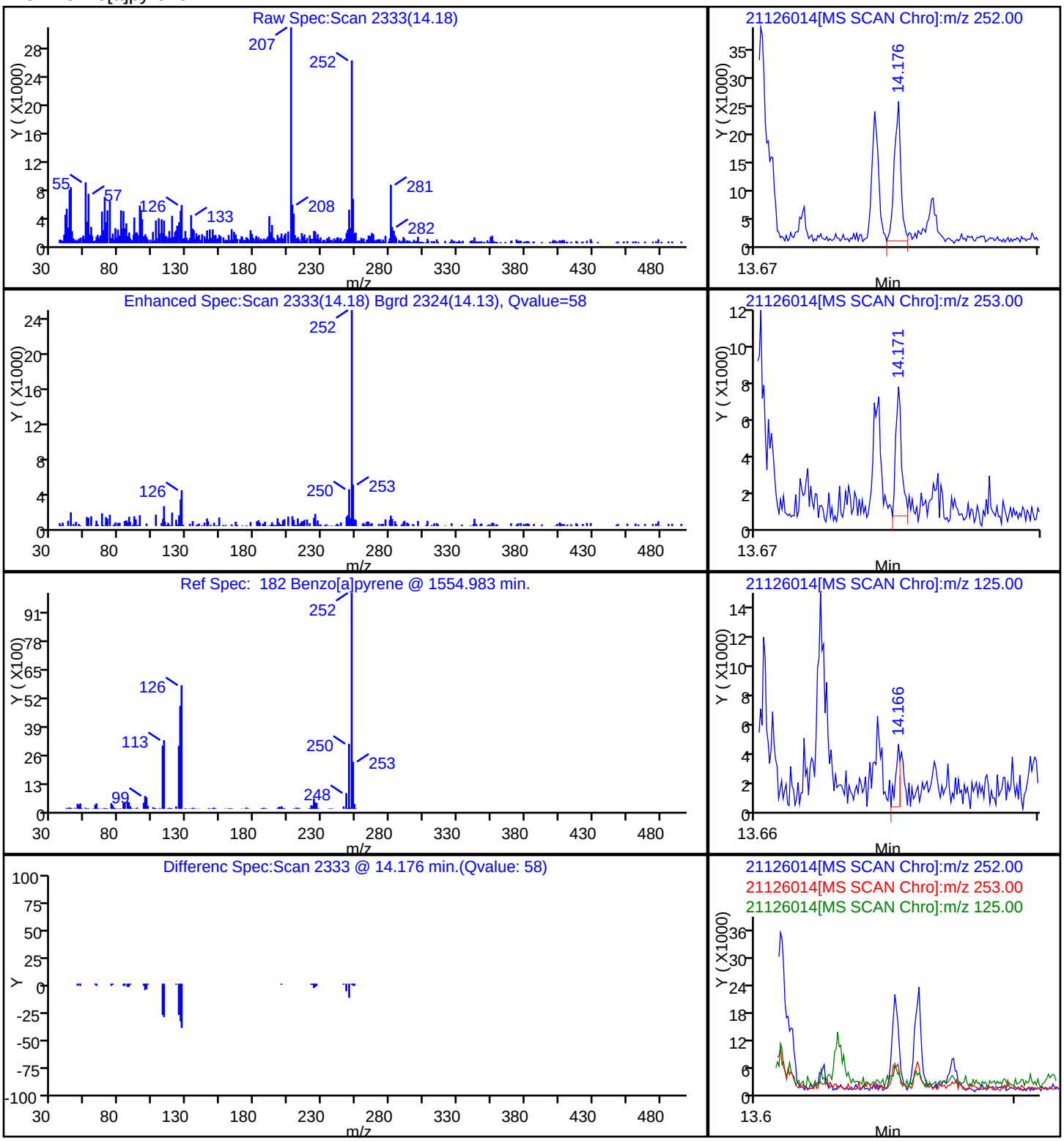
Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D

Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

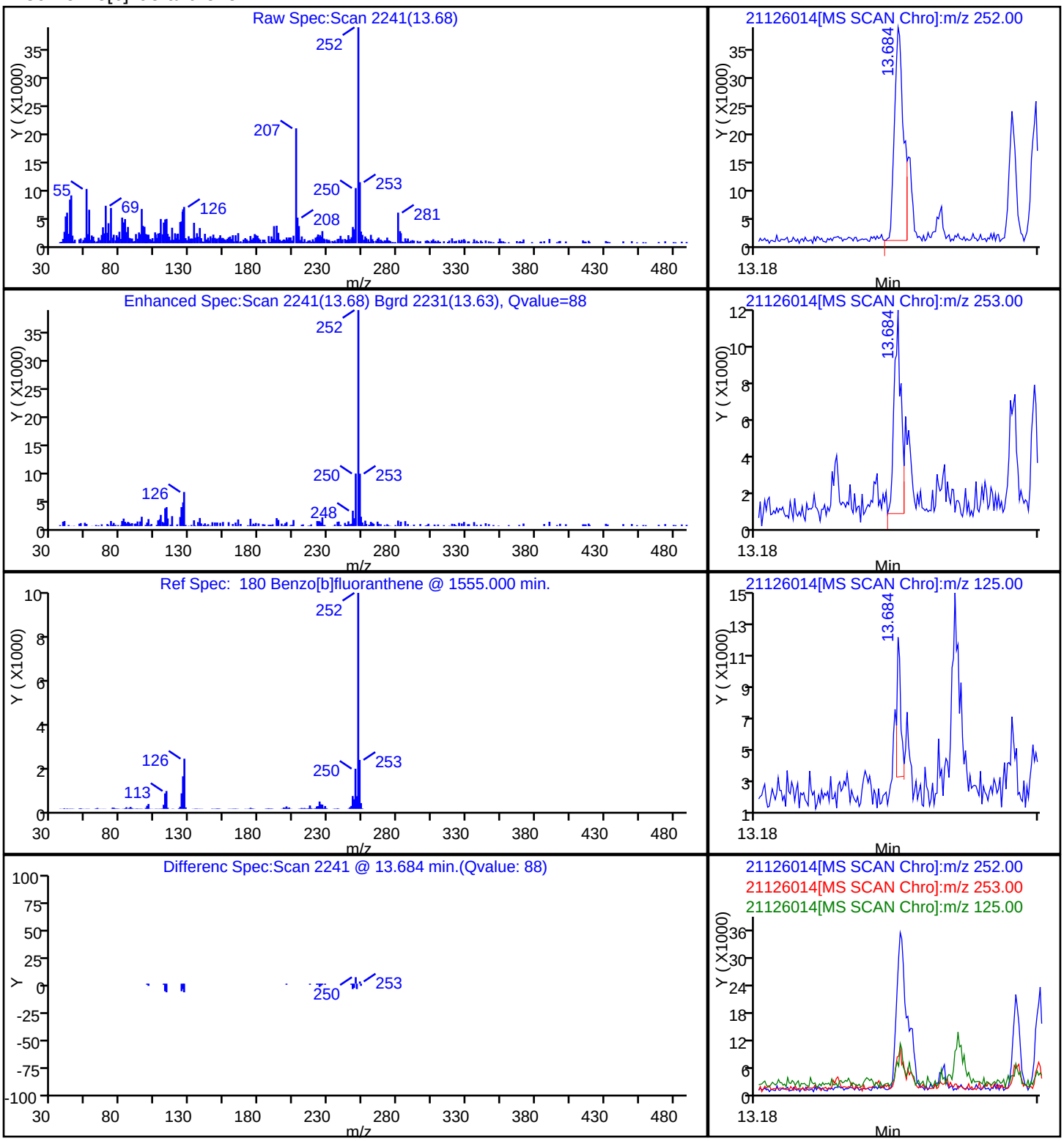


Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

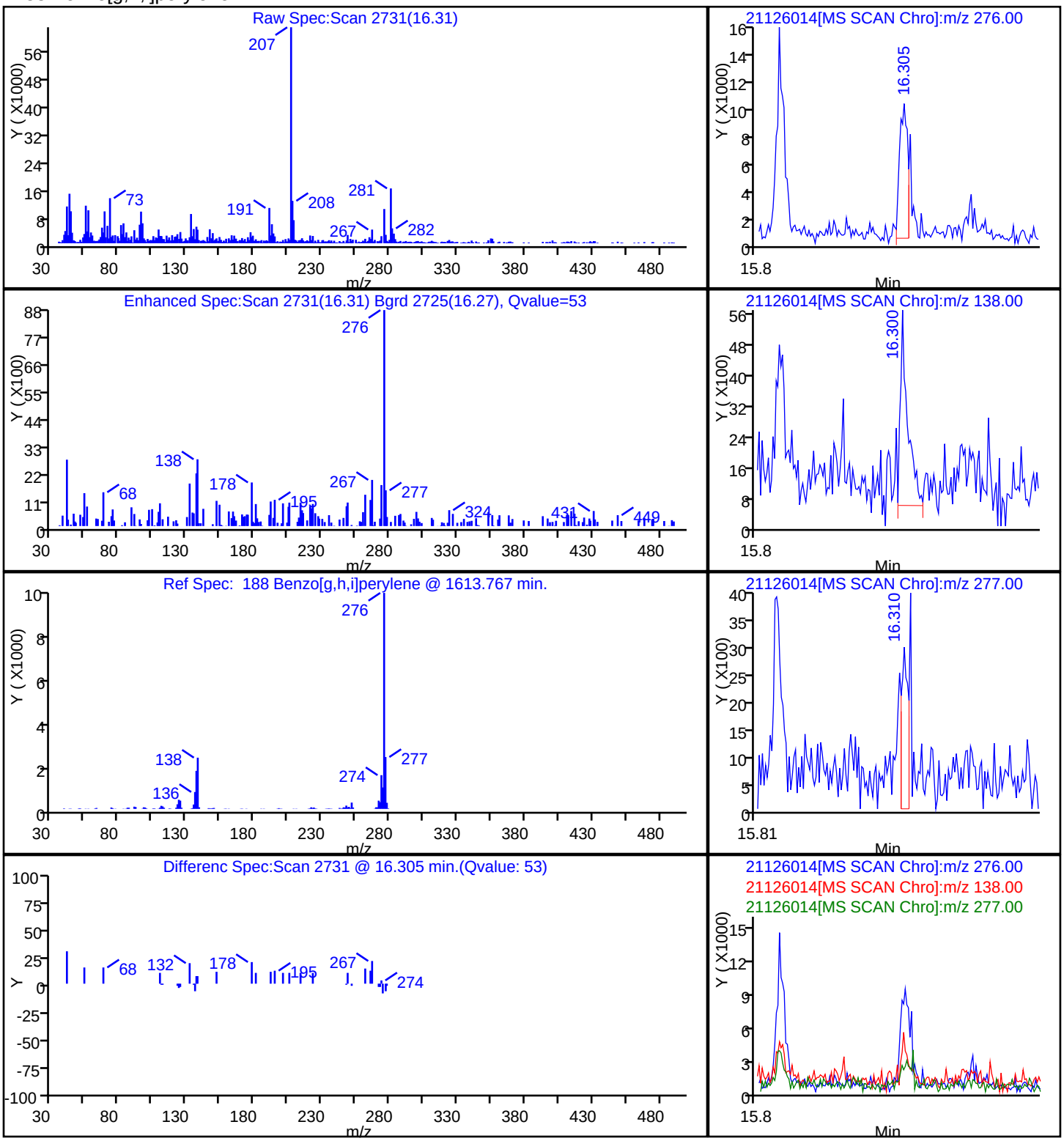


Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

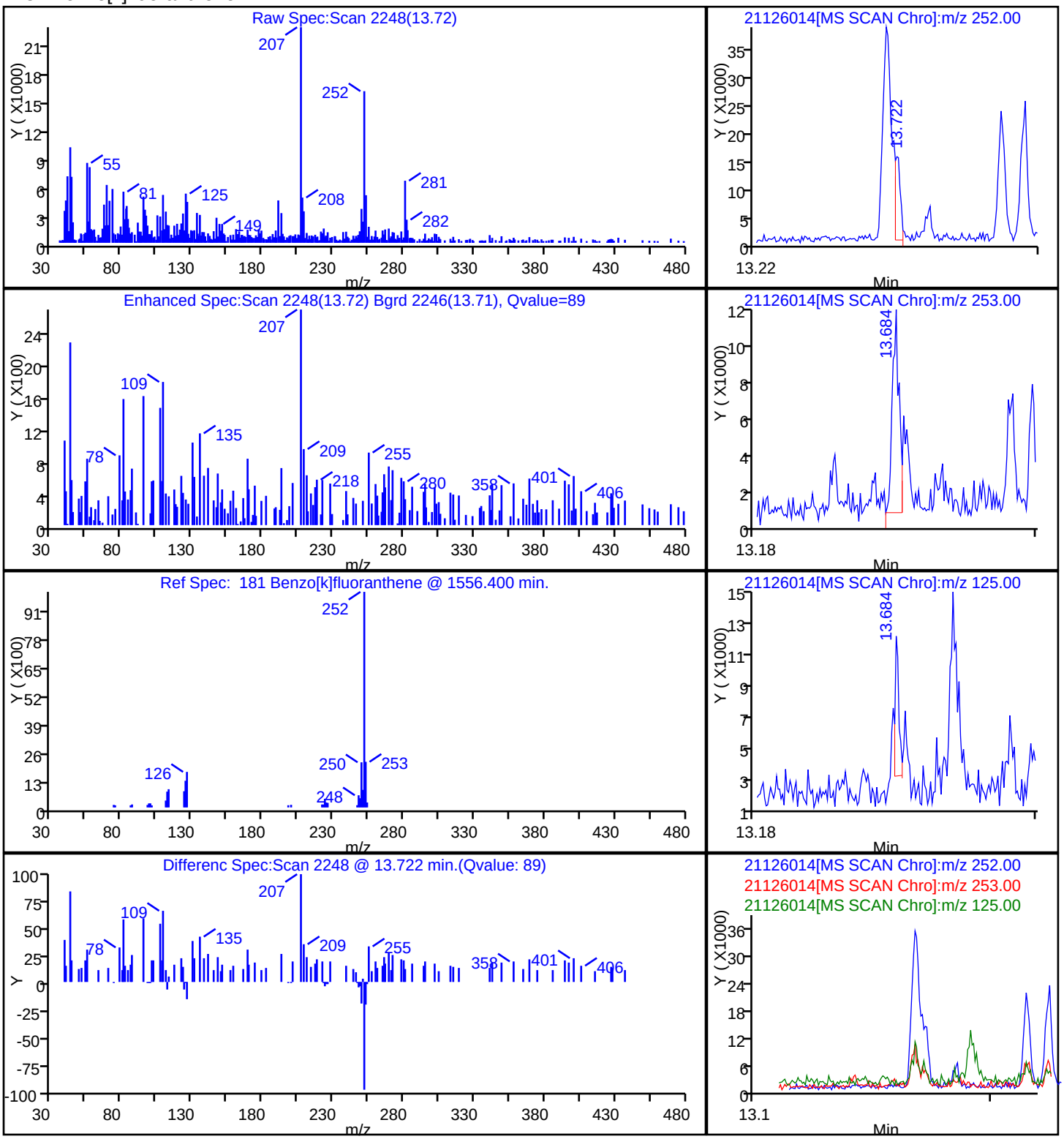


Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



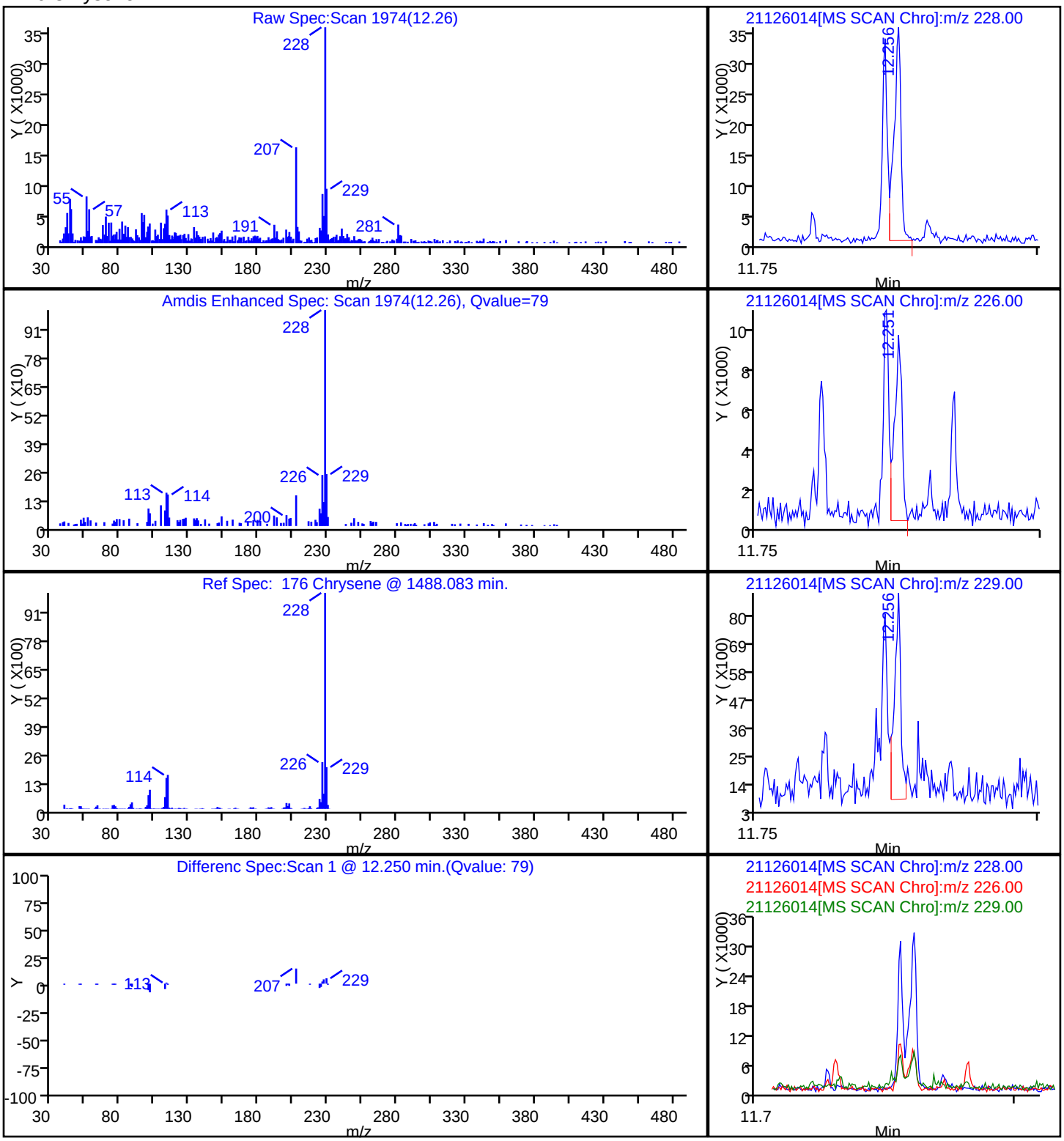
Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D

Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

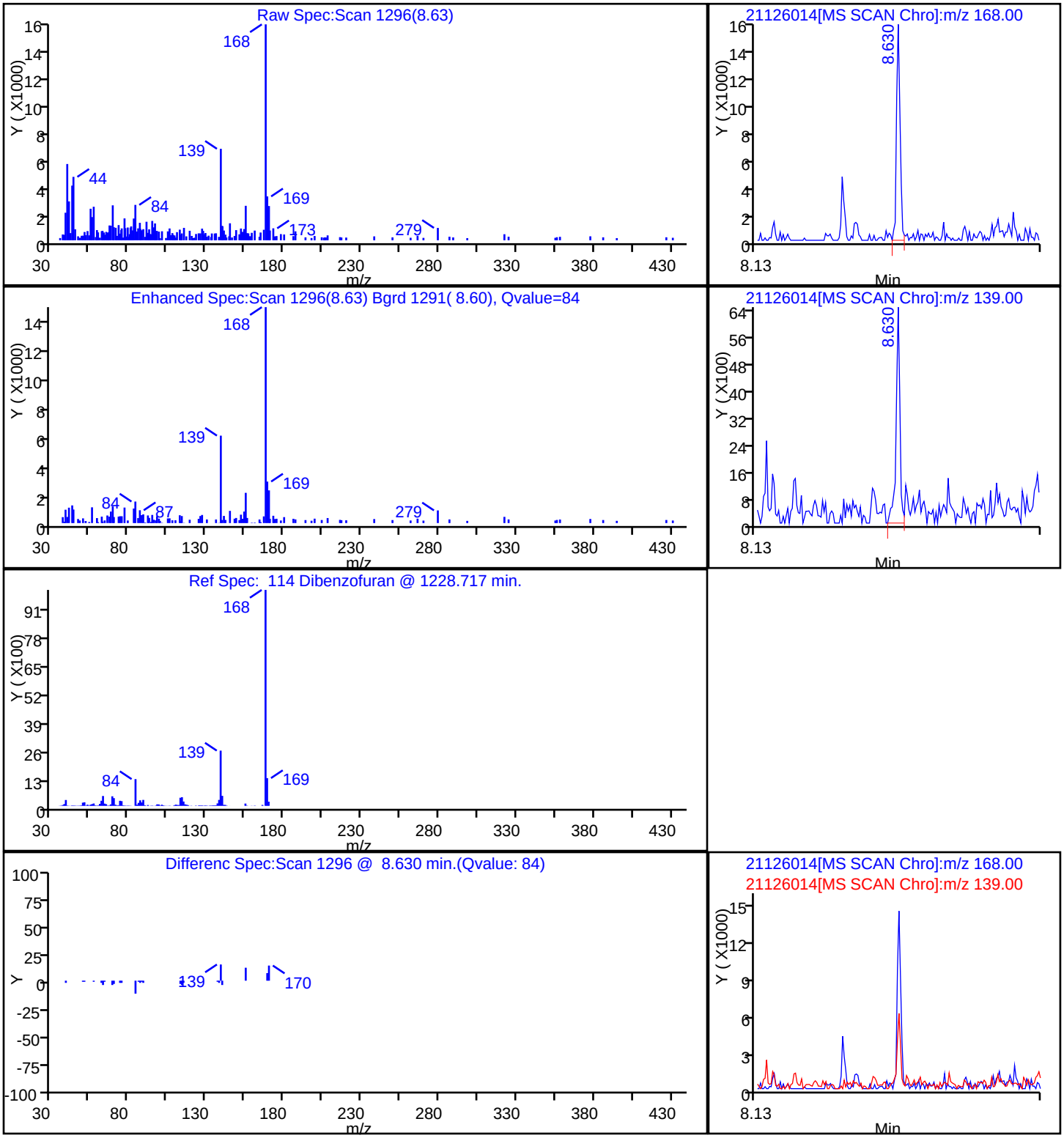


Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran

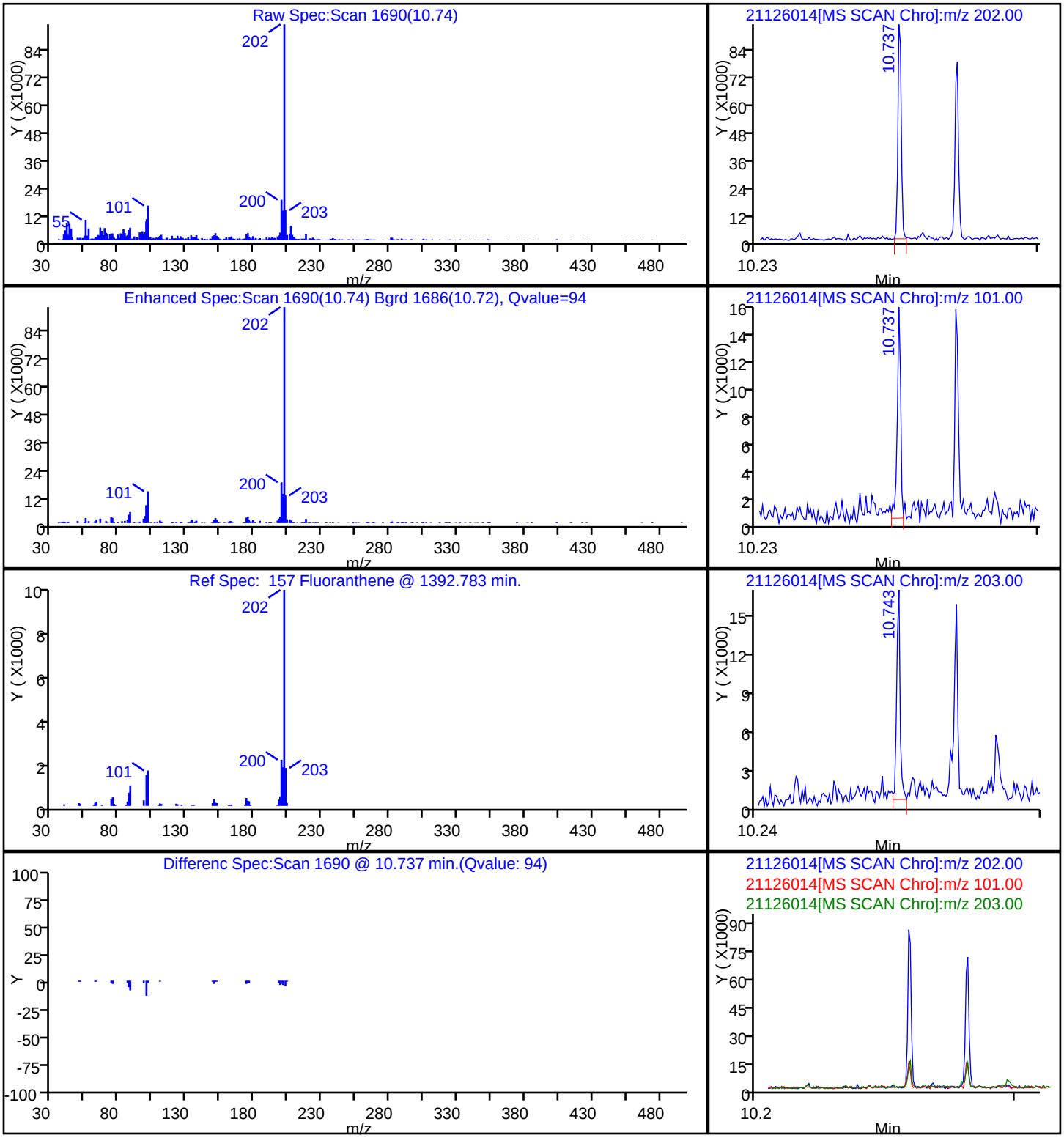


Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



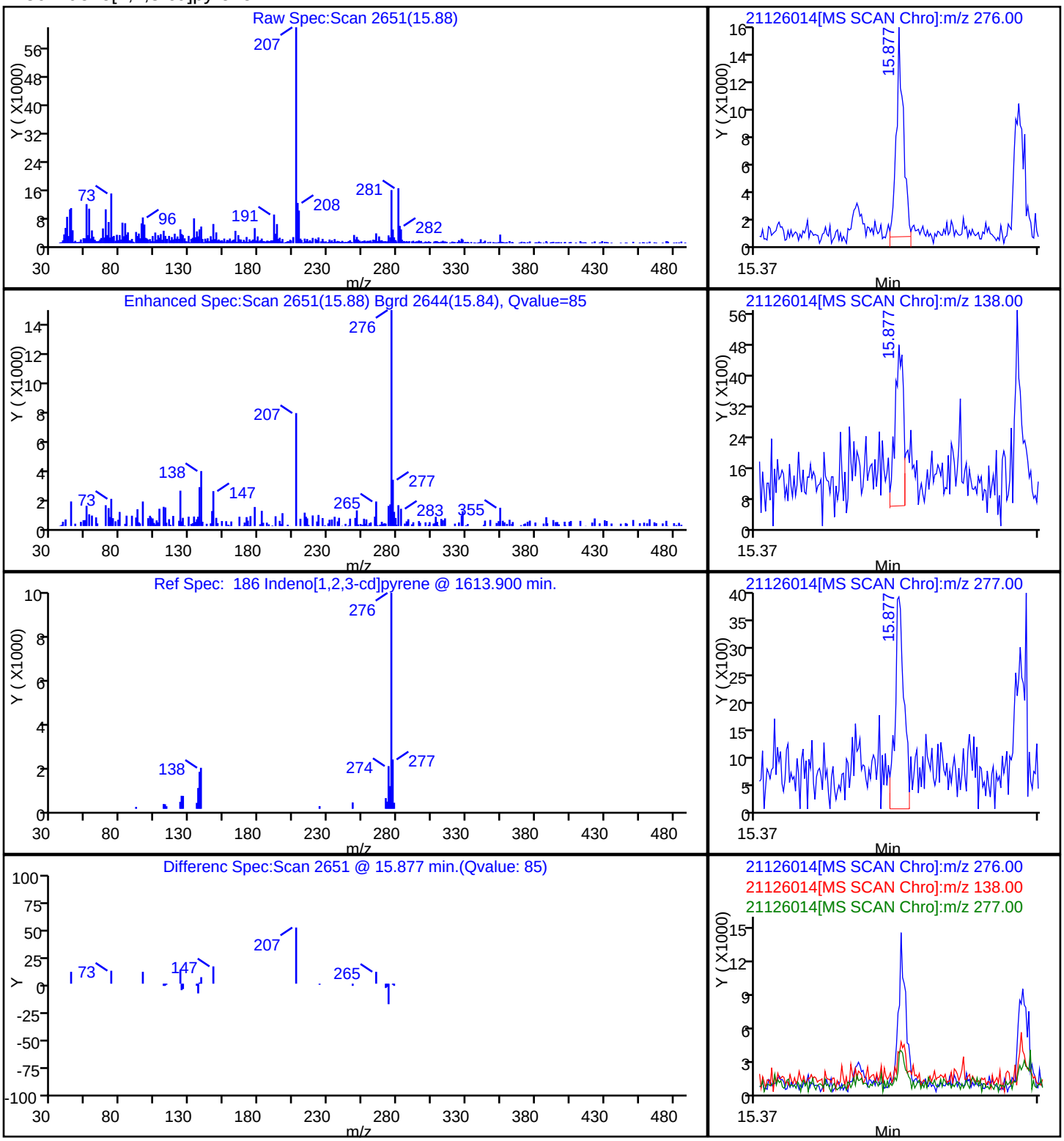
Report Date: 27-Nov-2012 16:01:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D

Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

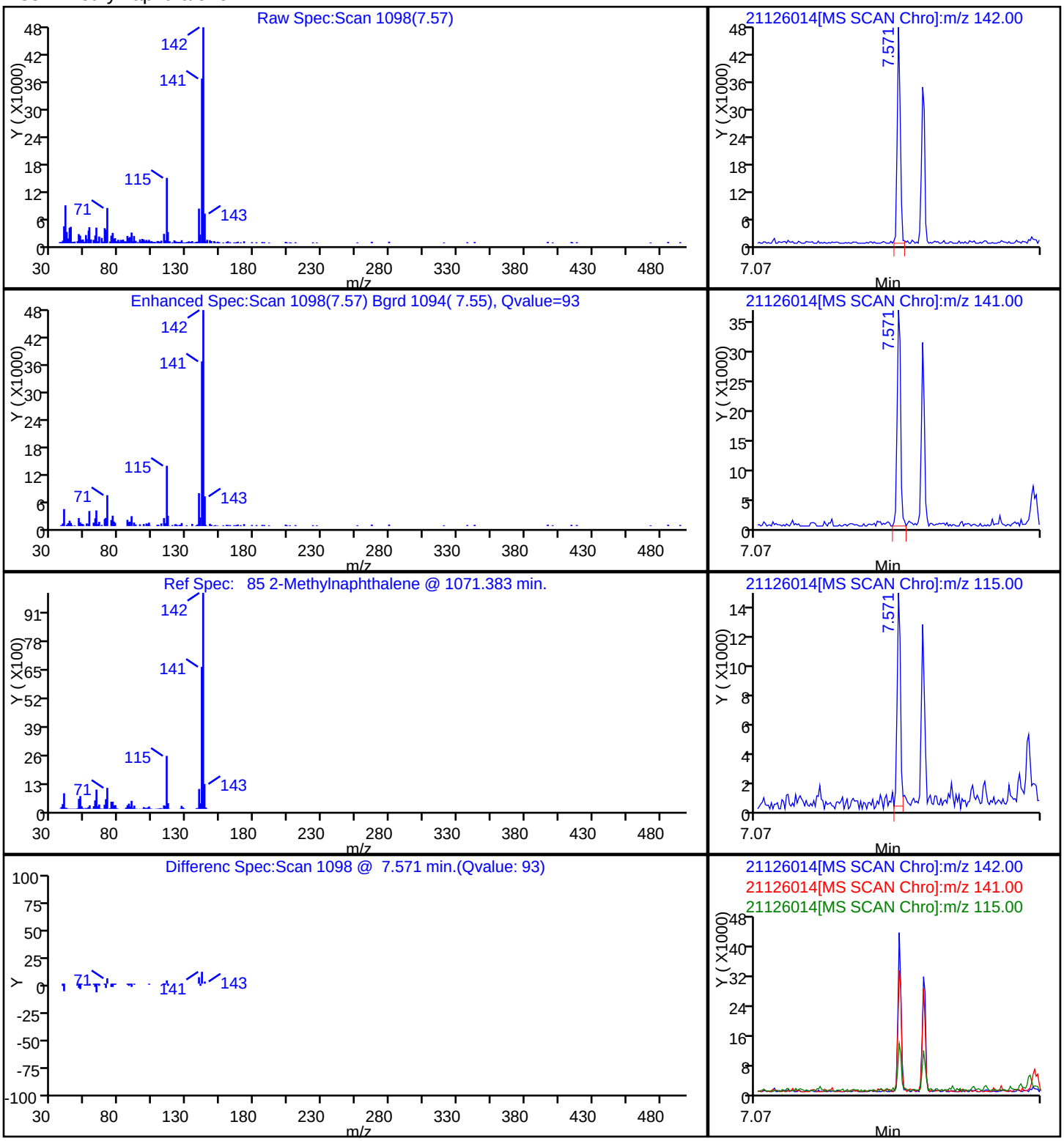


Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

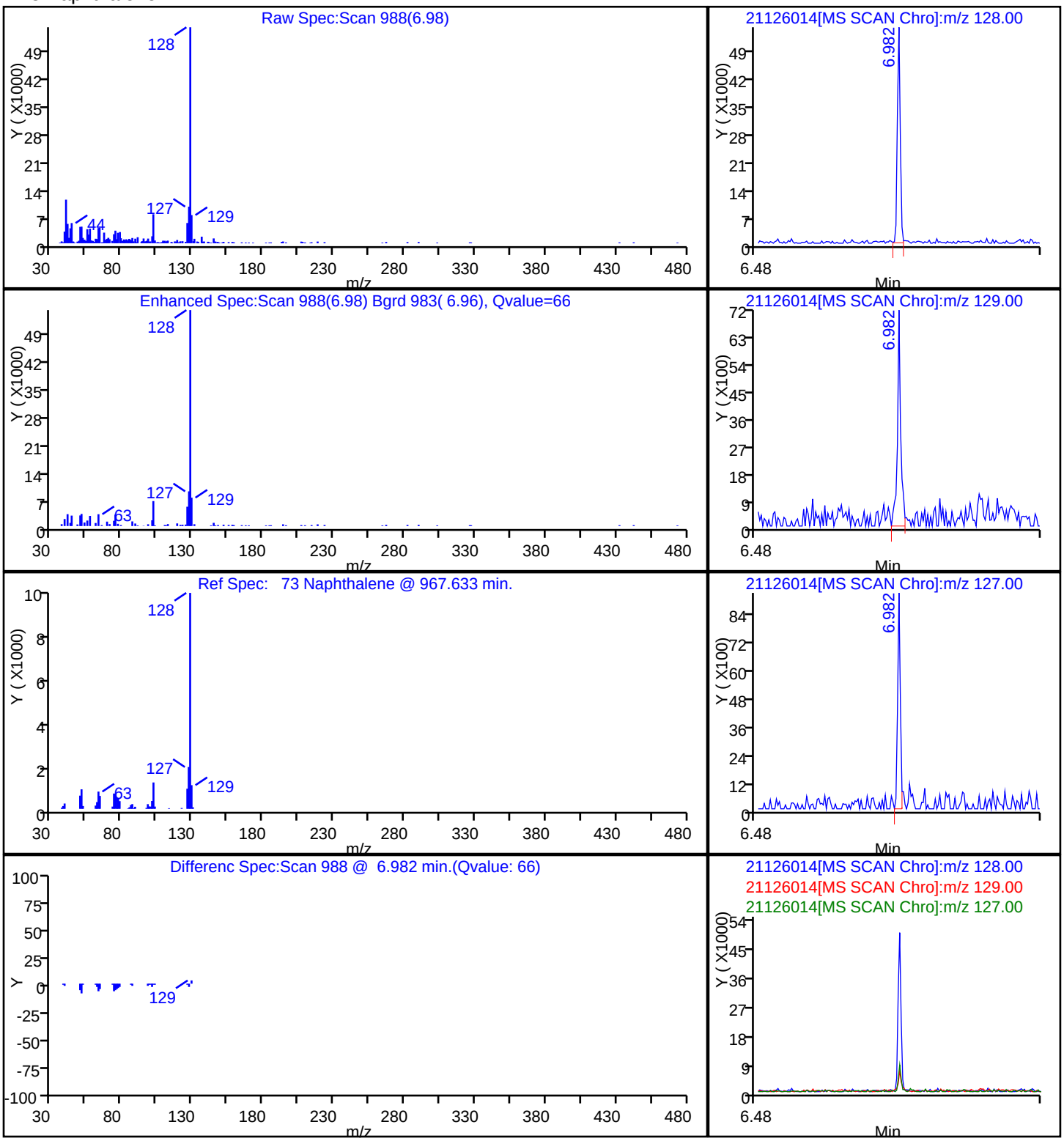


Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

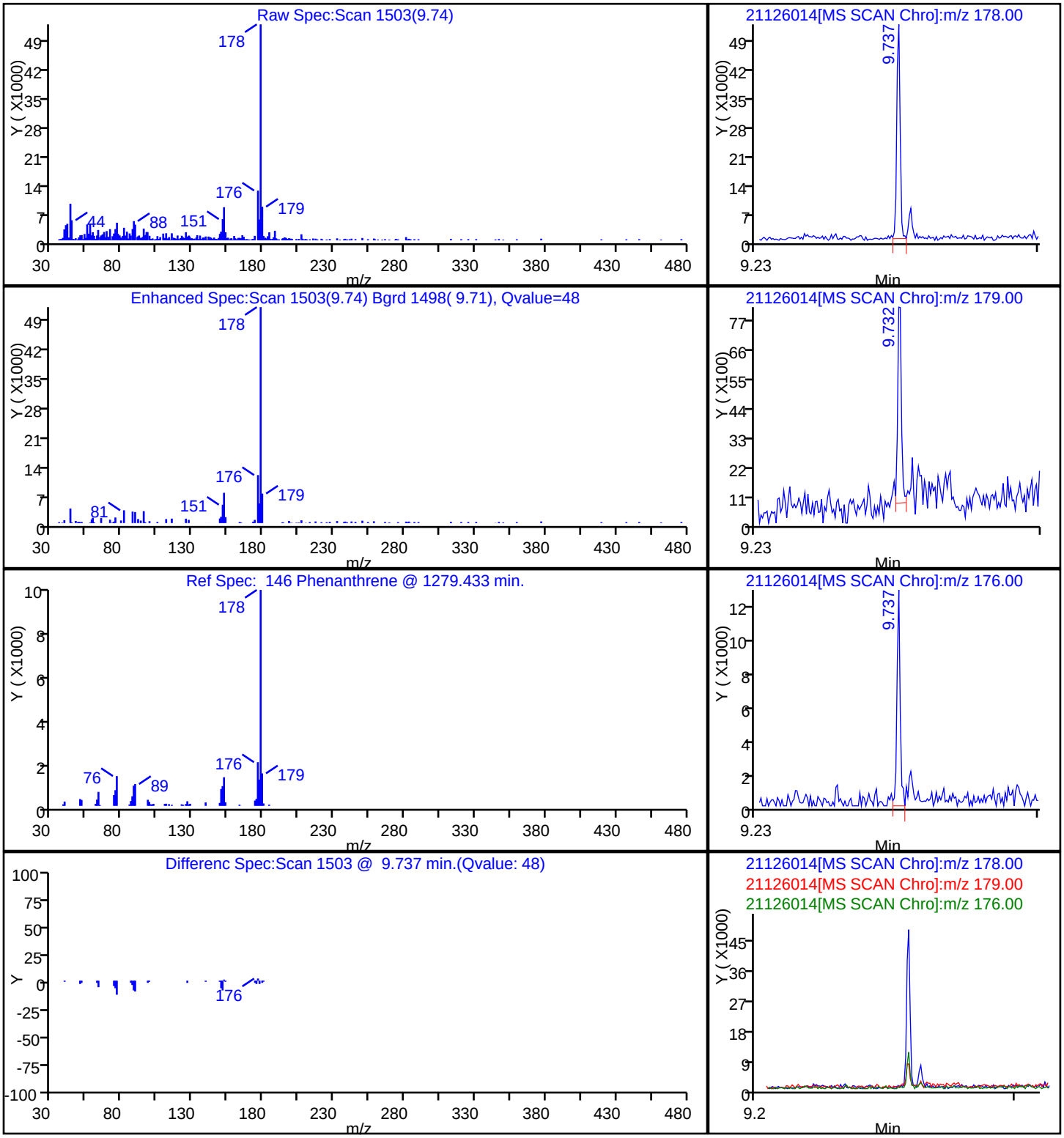


Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



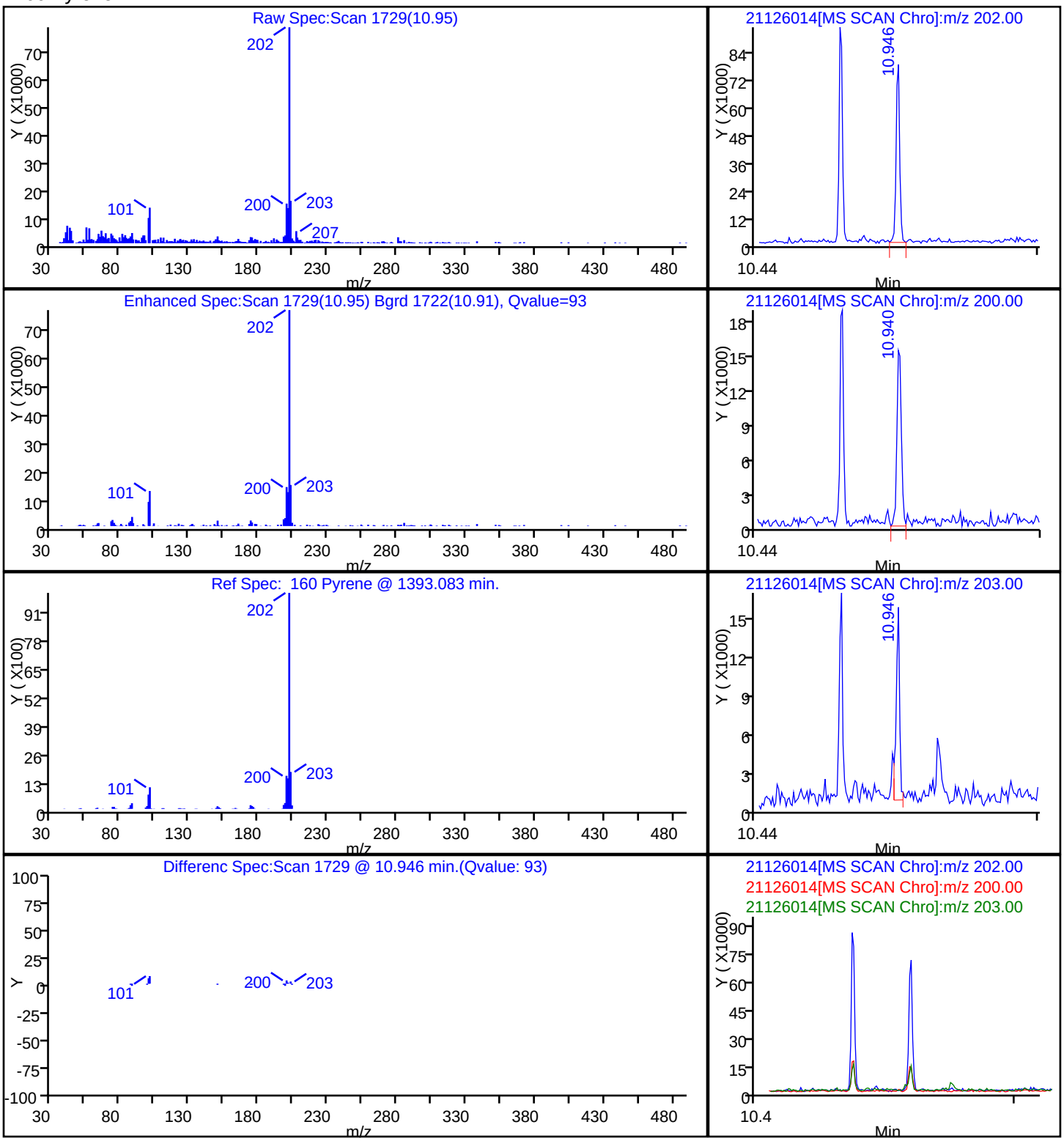
Report Date: 27-Nov-2012 16:01:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D

Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

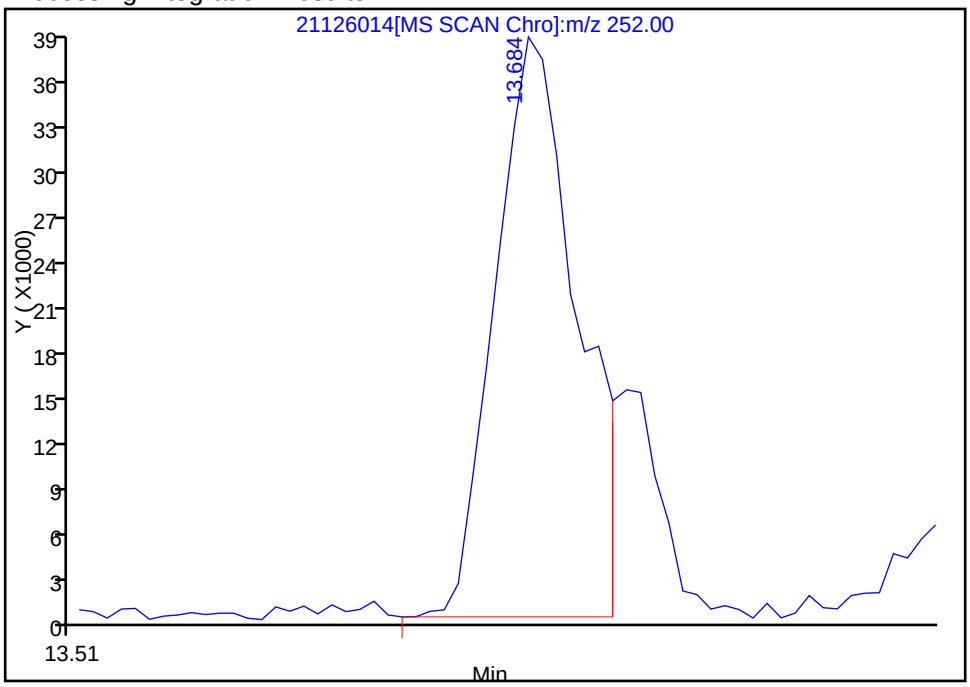
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126014.D		
Injection Date:	26-Nov-2012 15:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

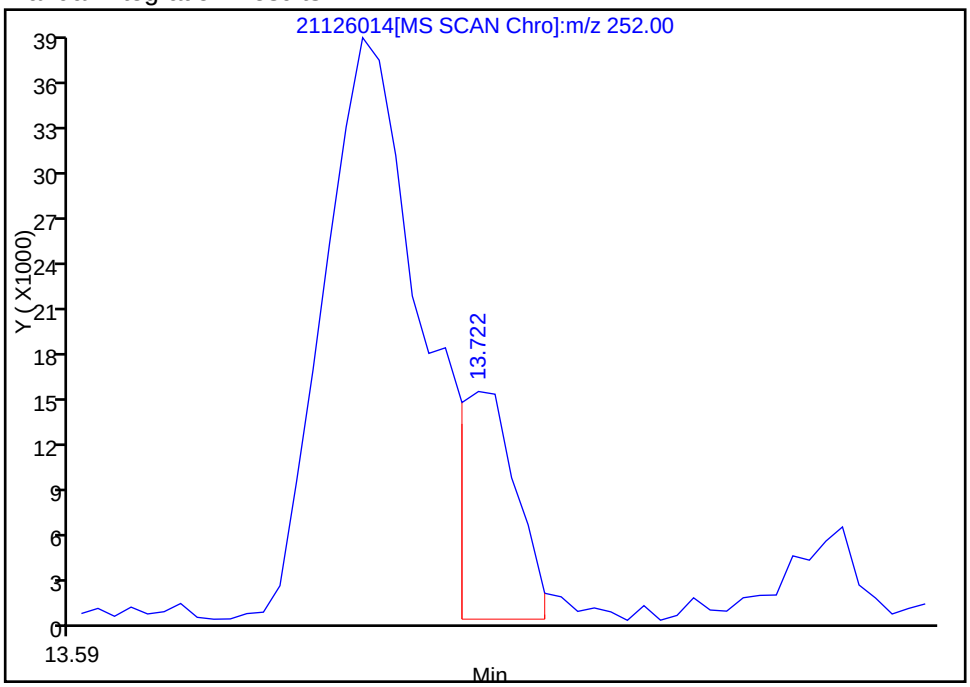
Processing Integration Results

RT: 13.68
Response: 84603
Amount: 0.408016



Manual Integration Results

RT: 13.72
Response: 19775
Amount: 0.095369



Reviewer: gruberj, 27-Nov-2012 15:43:20
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO | Lab Sample ID: 240-17422-6

Matrix: Solid | Lab File ID: 21126006.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.56(g) | Date Analyzed: 11/26/2012 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.8	3.3	3.3
208-96-8	Acenaphthylene	6.6	J	6.8	3.3	3.3
120-12-7	Anthracene	16		6.8	3.3	3.3
56-55-3	Benzo[a]anthracene	57		6.8	3.3	3.3
50-32-8	Benzo[a]pyrene	65		6.8	3.3	3.3
205-99-2	Benzo[b]fluoranthene	110		6.8	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	47		6.8	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	29	M	6.8	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	34	J	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	71		6.8	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.8	3.3	3.3
132-64-9	Dibenzofuran	15	J	51	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO | Lab Sample ID: 240-17422-6

Matrix: Solid | Lab File ID: 21126006.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.56(g) | Date Analyzed: 11/26/2012 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	120		6.8	3.3	3.3
86-73-7	Fluorene	8.5		6.8	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.8	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	46		6.8	3.3	3.3
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	62		6.8	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	49		6.8	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U J	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	71		6.8	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	88		6.8	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO | Lab Sample ID: 240-17422-6

Matrix: Solid | Lab File ID: 21126006.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.56(g) | Date Analyzed: 11/26/2012 12:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	59		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125
4165-62-2	Phenol-d5 (Surr)	60		40-100

Report Date: 27-Nov-2012 16:01:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126006.D
Lims ID: 240-17422-A-6-T Client ID: 073SS-0003M-0001-SO
Inject. Date: 26-Nov-2012 12:02:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015260-006
Misc. Info.: 240-17422-a-6-t
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 66246 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj Date: 26-Nov-2012 12:29:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	94	150280	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	549731	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	90	324121	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	563001	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	98	607460	4.00	
* 6 Perylene-d12	264	14.251	14.251	0.0	96	544686	4.00	
$ 7 2-Fluorophenol	112	4.592	4.565	0.027	93	407927	8.78	
$ 8 Phenol-d5	99	5.490	5.485	0.005	91	531299	9.01	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	89	284011	5.88	
$ 10 2-Fluorobiphenyl (Surr)	172	7.870	7.876	-0.006	99	615948	5.86	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	152116	11.3	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	811577	7.21	
41 Phenol	94		5.501					24
44 Bis(2-chloroethyl)ether	93		5.592					
46 2-Chlorophenol	128		5.646					9
47 1,3-Dichlorobenzene	146		5.790					
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	64	14558	0.2677	
49 Benzyl alcohol	108	5.956	5.956	0.0	73	7313	0.2336	
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					
52 2,2'-oxybis[1-chloropropane]	45		6.073					9
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					9
63 Isophorone	82	6.555	6.555	0.0	73	14972	0.1707	
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					9
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128	6.983	6.983	0.0	79	100301	0.7302	
74 4-Chloroaniline	127		7.015					
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	87	80248	0.9133	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					9
91 2,4,5-Trichlorophenol	196		7.833					9
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152	8.341	8.341	0.0	87	14316	0.0968	
108 3-Nitroaniline	138		8.405					9
110 Acenaphthene	153		8.486					9
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					9
112 2,4-Dinitrotoluene	165		8.598					9
114 Dibenzofuran	168	8.630	8.630	0.0	91	30202	0.2289	
119 Diethyl phthalate	149	8.790	8.791	0.0	68	20508	0.2061	
121 4-Chlorophenyl phenyl ether	204		8.908					9
124 Fluorene	166	8.919	8.919	0.0	69	13332	0.1258	
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					
139 Hexachlorobenzene	284		9.384					9
141 Pentachlorophenol	266		9.545					
146 Phenanthrene	178	9.732	9.732	0.0	96	162492	1.06	
147 Anthracene	178	9.780	9.780	0.0	85	36618	0.2396	
149 Carbazole	167	9.903	9.903	0.0	50	15926	0.1073	
151 Di-n-butyl phthalate	149	10.160	10.160	0.0	71	26109	0.1566	
157 Fluoranthene	202	10.737	10.737	0.0	97	294325	1.73	
160 Pyrene	202	10.941	10.941	0.0	95	252812	1.30	
166 Butyl benzyl phthalate	149		11.518					
173 3,3'-Dichlorobenzidine	252		12.155					9
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	58	34445	0.5004	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	95	143123	0.8443	
176 Chrysene	228	12.251	12.251	0.0	84	169502	1.05	
178 Di-n-octyl phthalate	149		13.064					
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	91	269787	1.55	
181 Benzo[k]fluoranthene	252	13.717	13.722	-0.005	97	80697	0.4274	M
182 Benzo[a]pyrene	252	14.171	14.171	0.0	67	148468	0.9567	
186 Indeno[1,2,3-cd]pyrene	276	15.872	15.877	-0.005	89	114710	0.6737	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	84	108938	0.6986	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

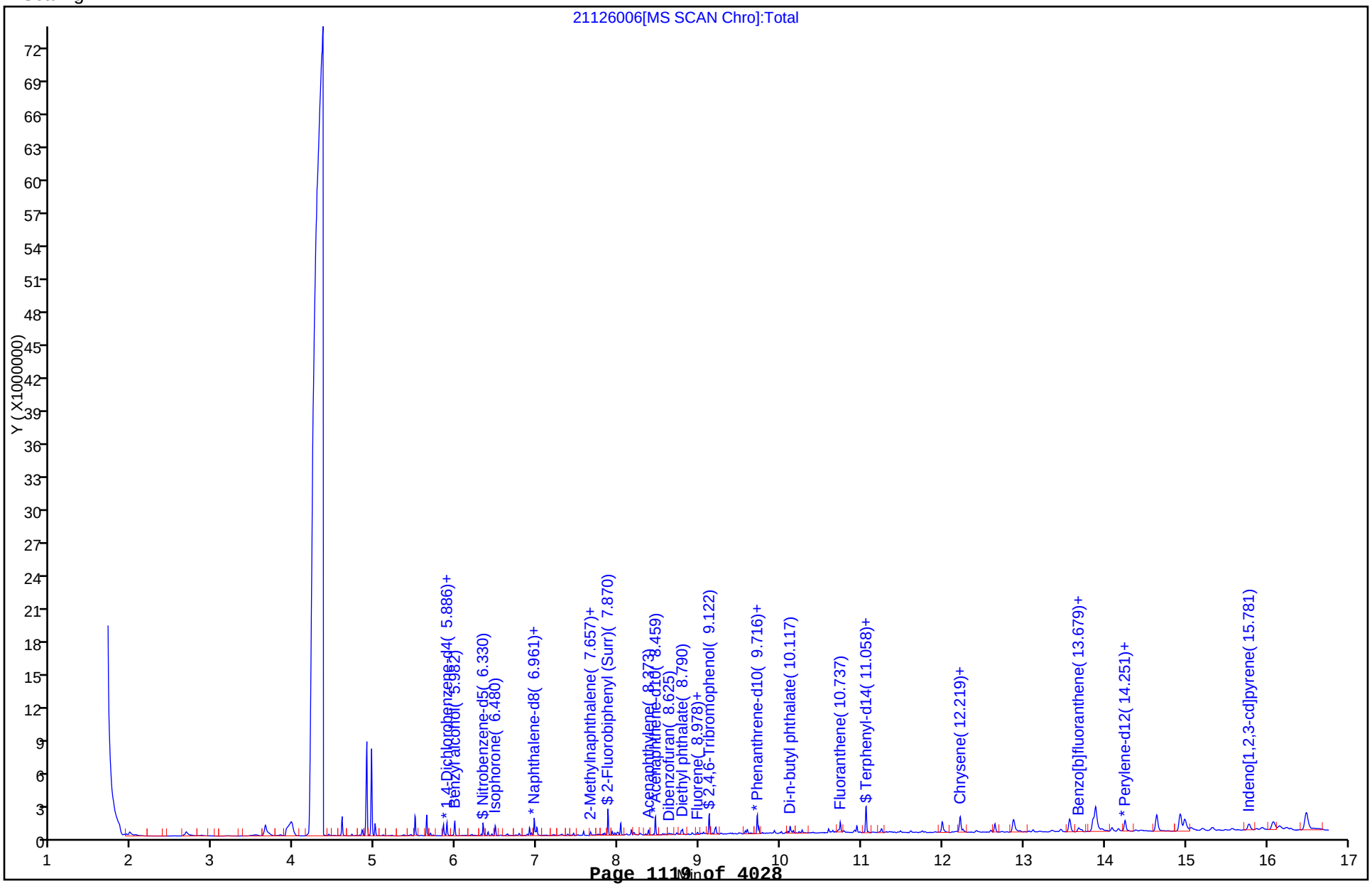
Report Date: 27-Nov-2012 16:01:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126006.D

Injection Date:	26-Nov-2012 12:02:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

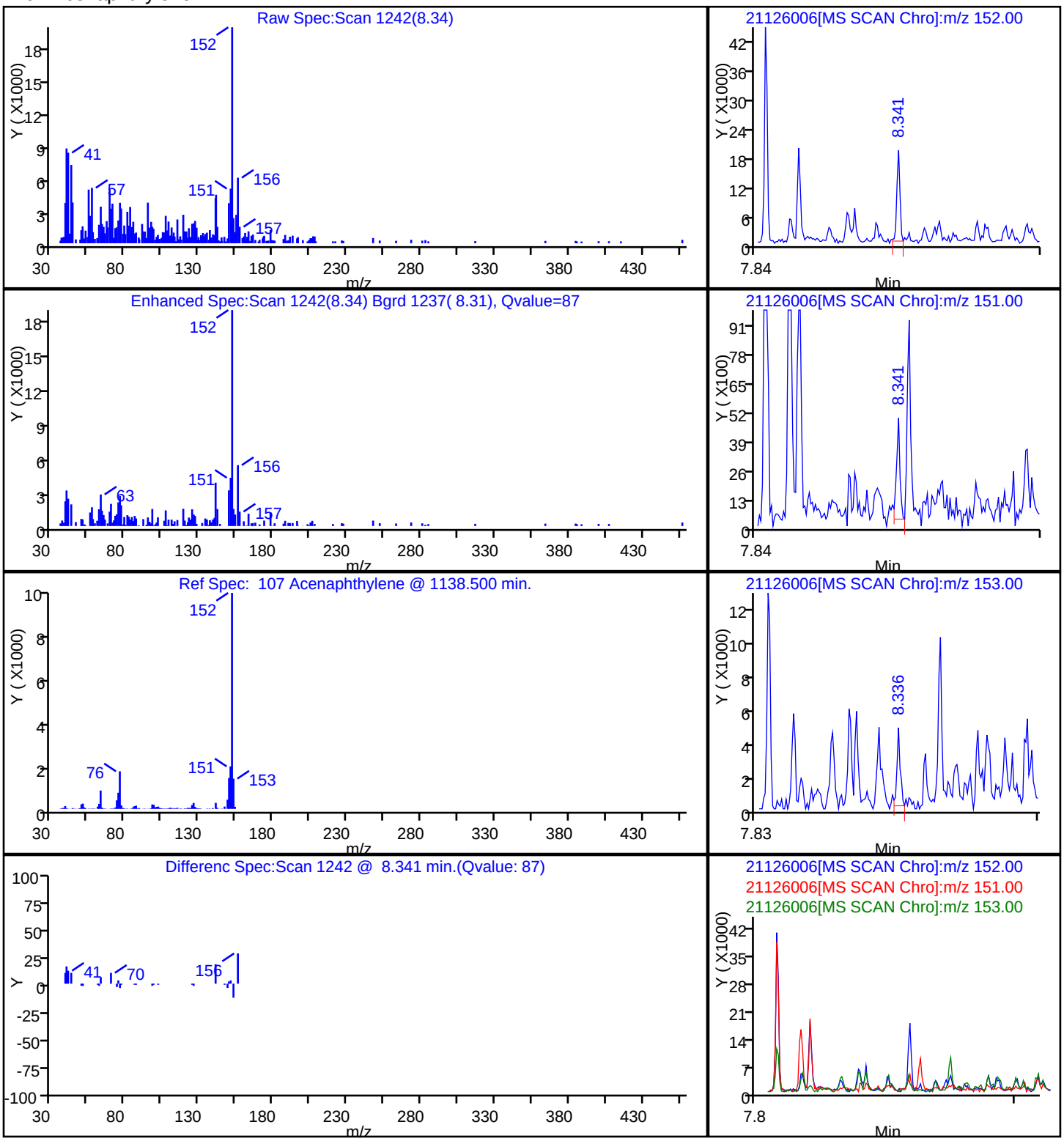


Report Date: 27-Nov-2012 16:01:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126006.D		
Injection Date:	26-Nov-2012 12:02:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene



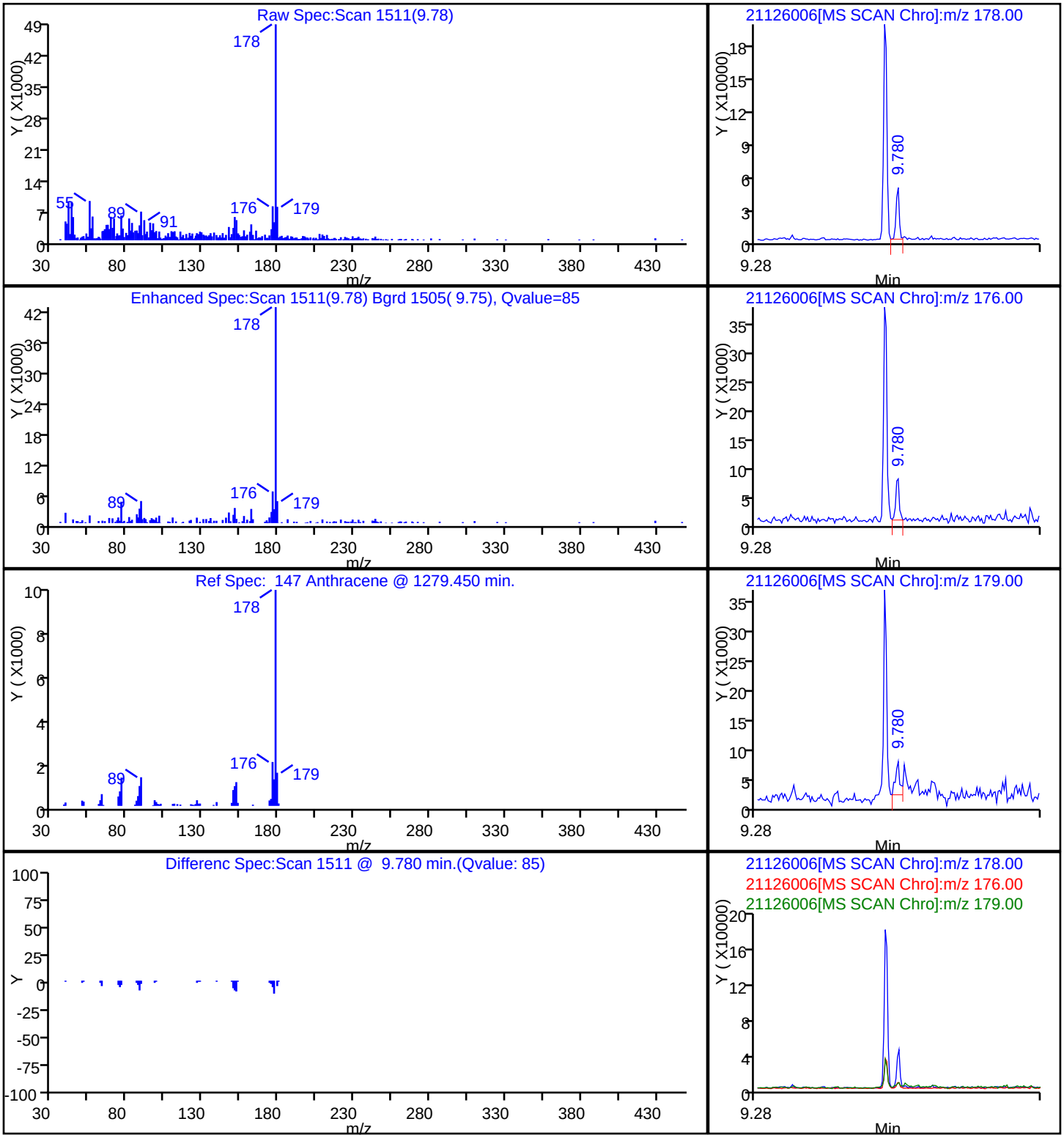
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TestAmerica Canton

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Injection Date:	26-Nov-2012 12:02:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
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147 Anthracene

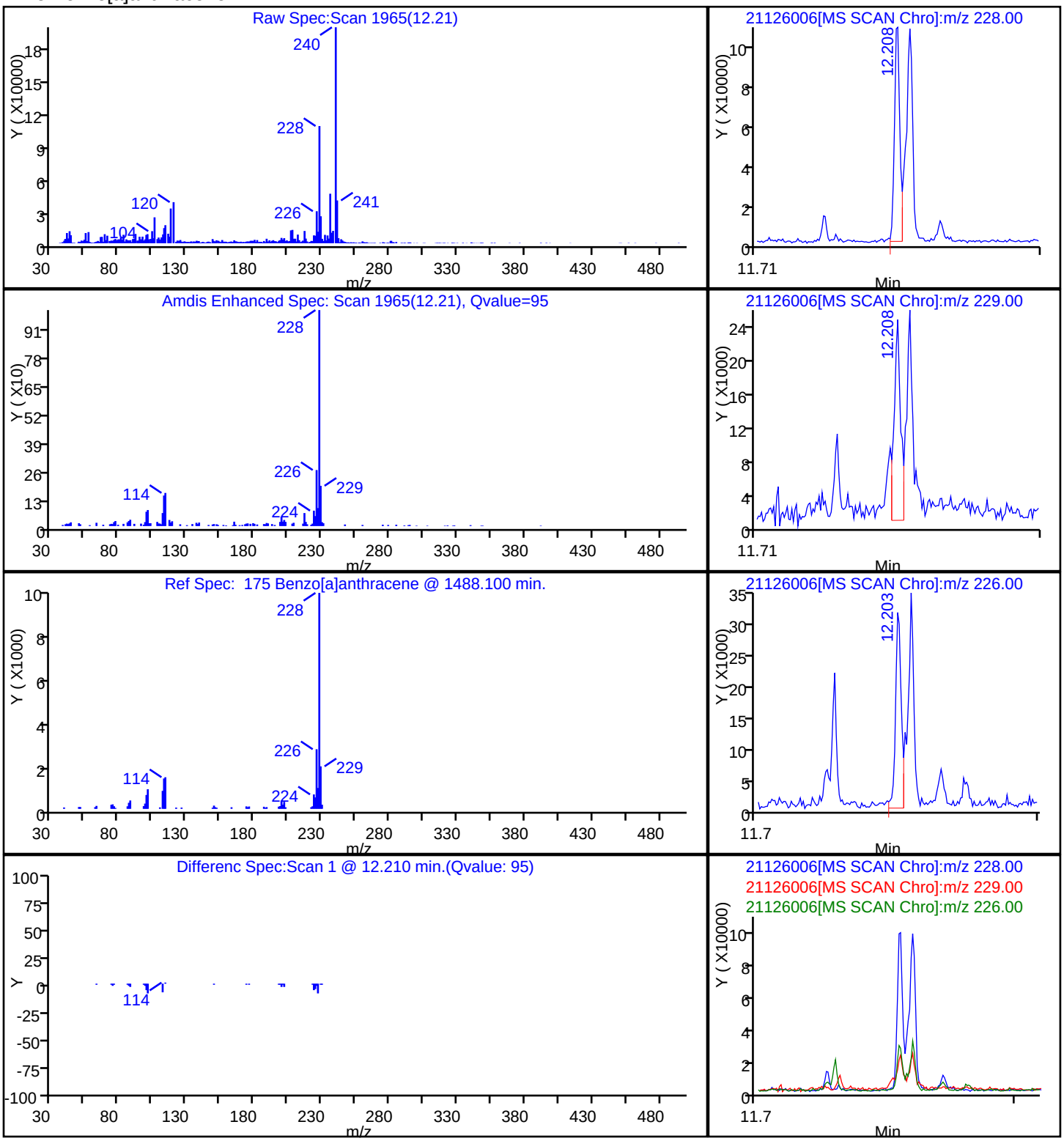


Report Date: 27-Nov-2012 16:01:31 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
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175 Benzo[a]anthracene

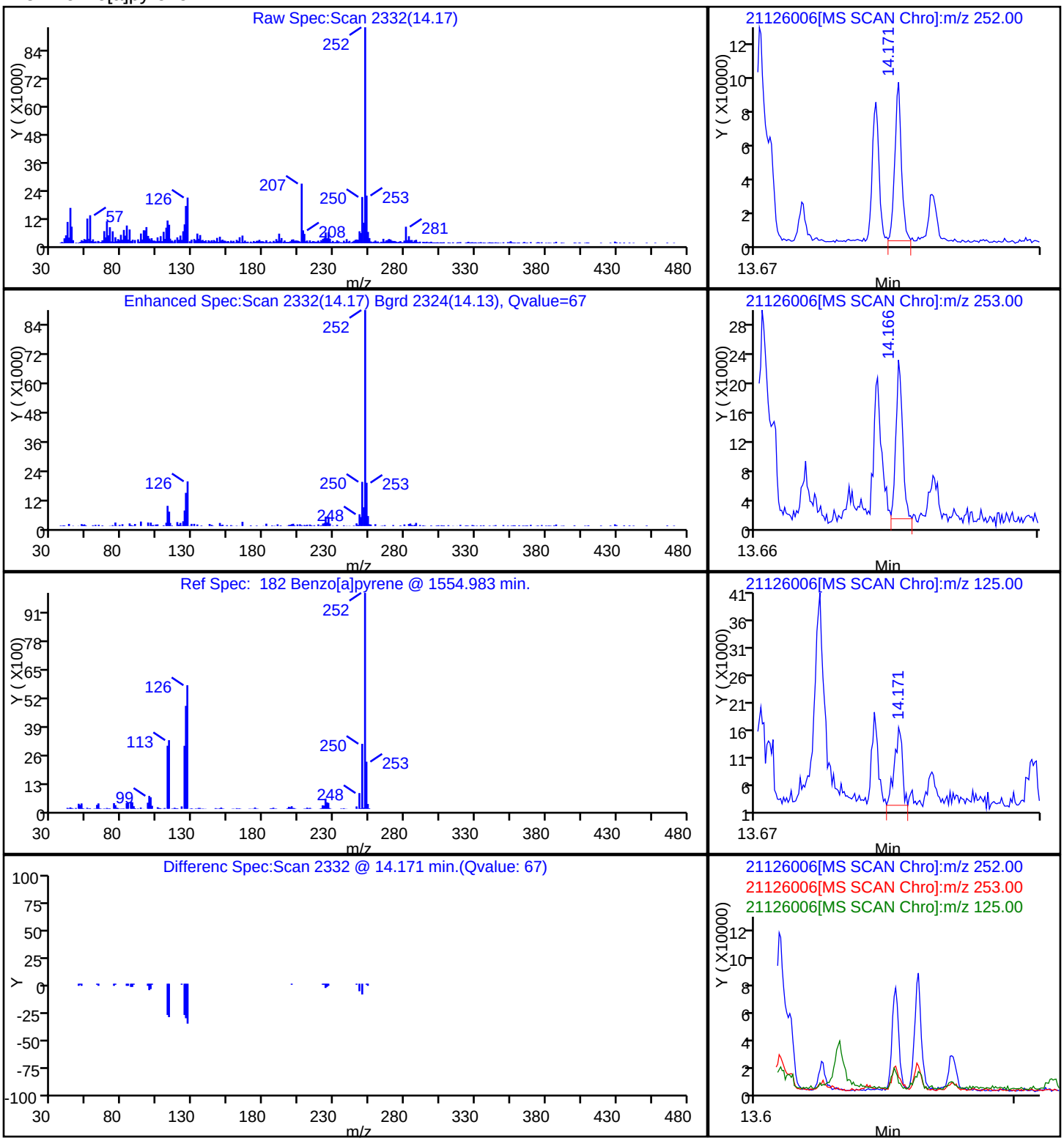


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

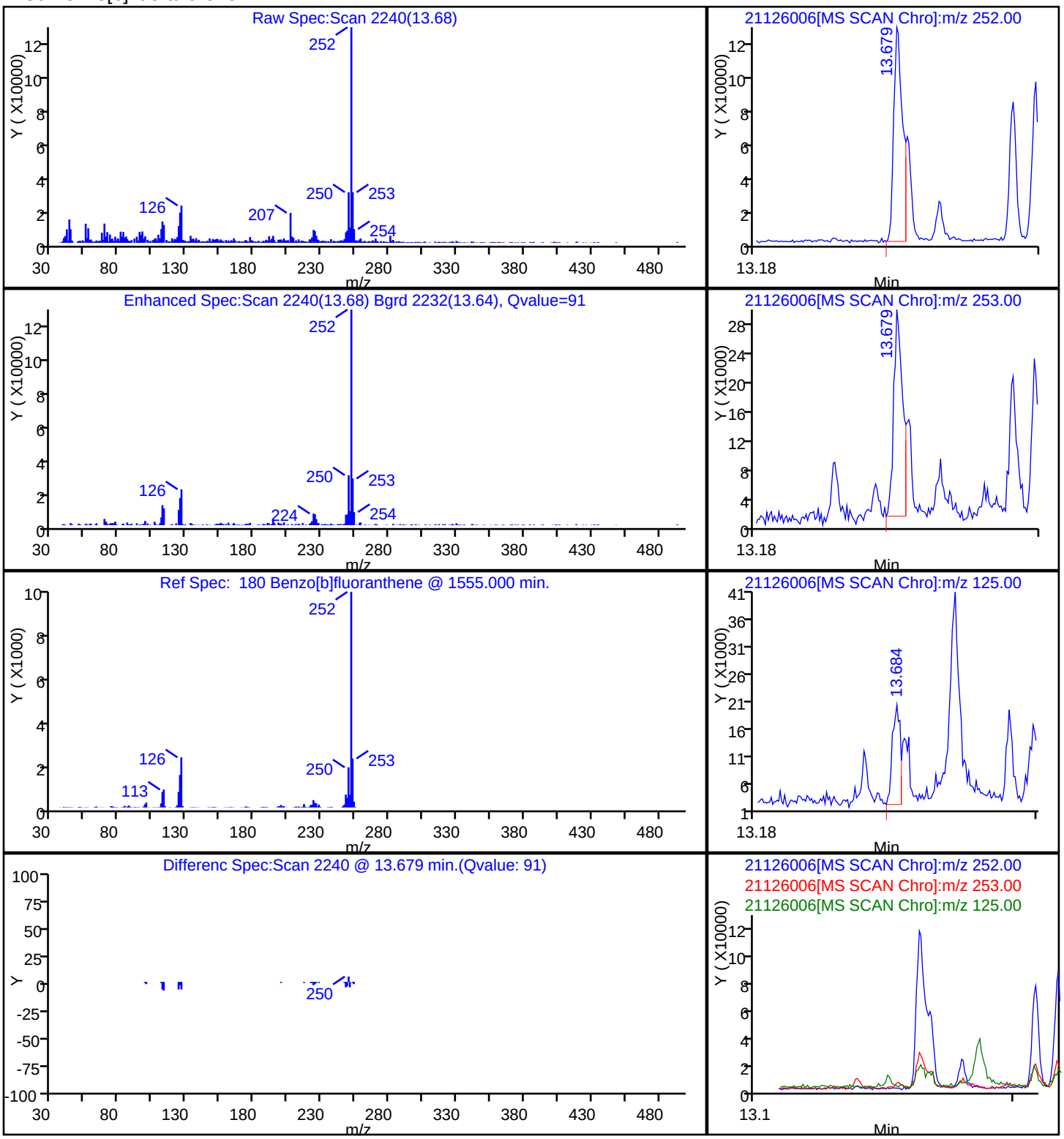


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
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180 Benzo[b]fluoranthene

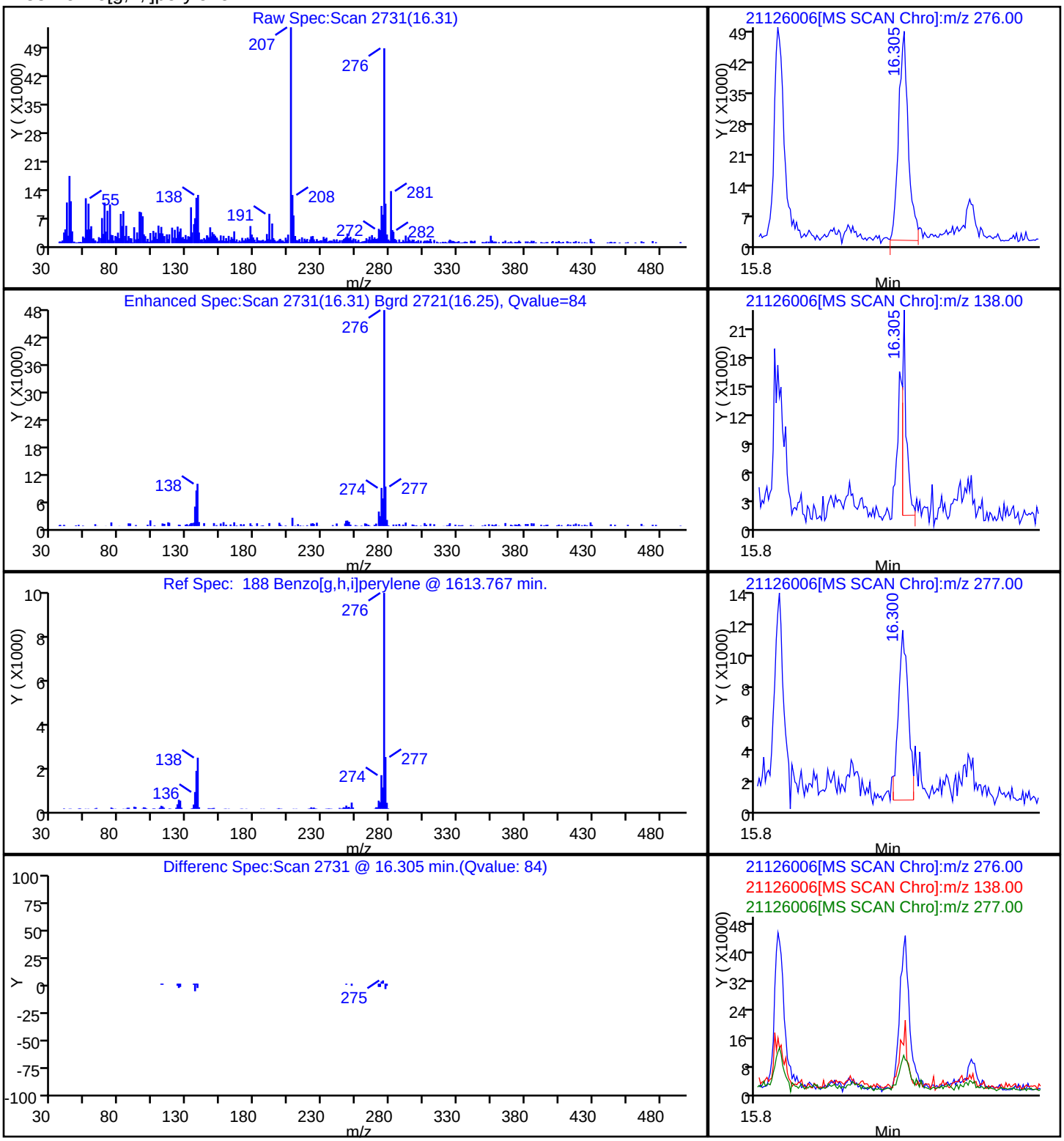


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

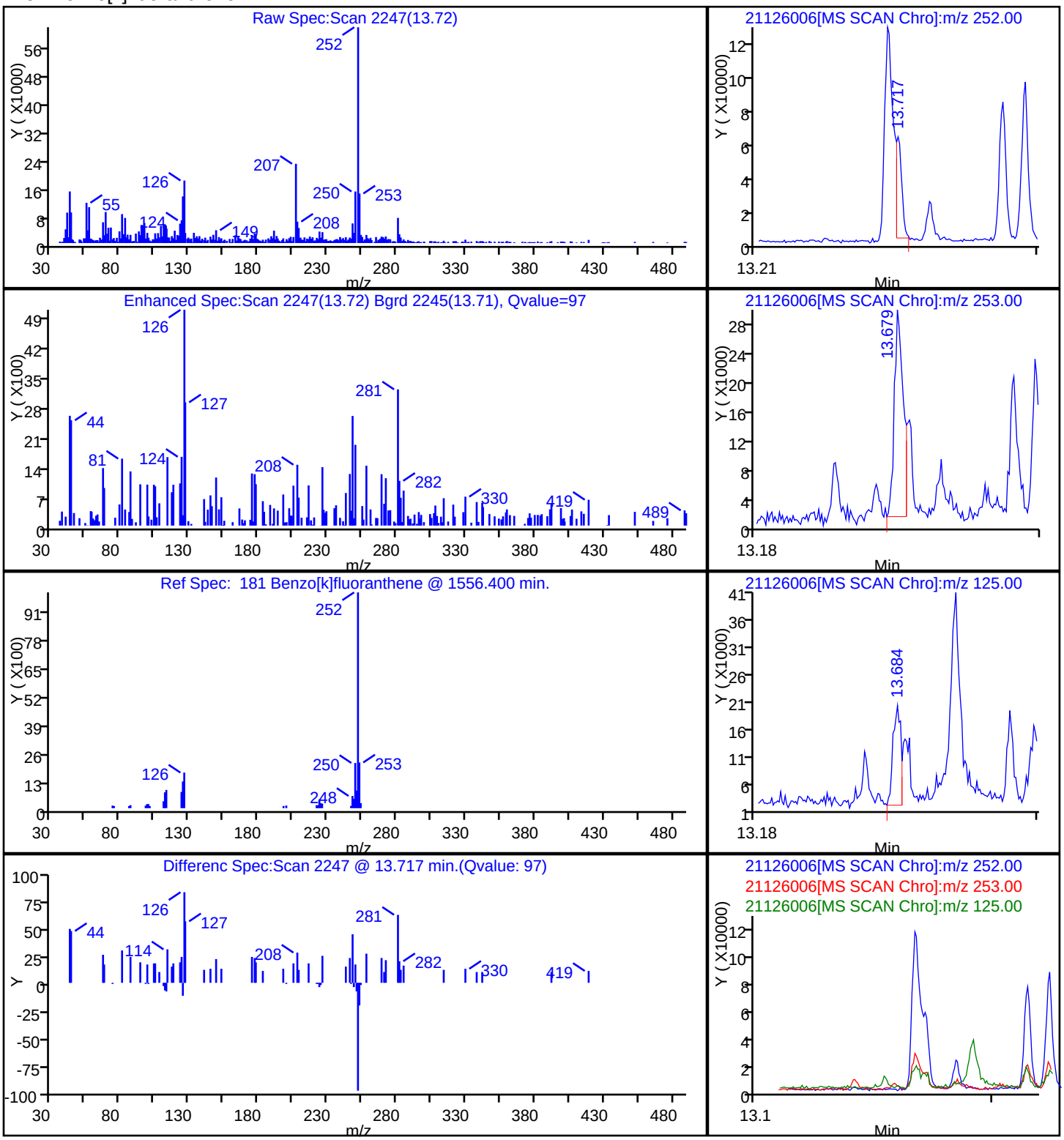


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

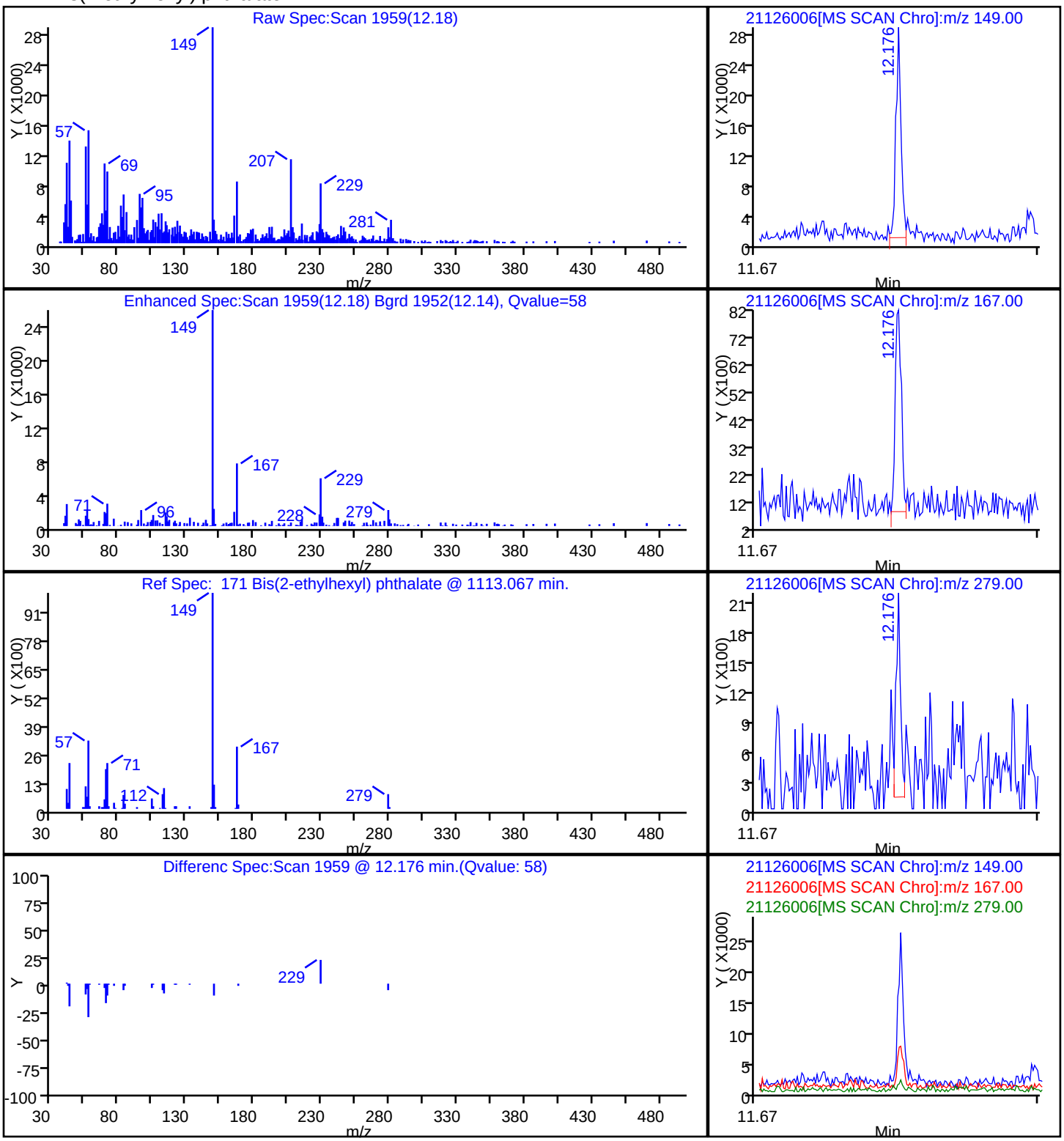


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
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171 Bis(2-ethylhexyl) phthalate

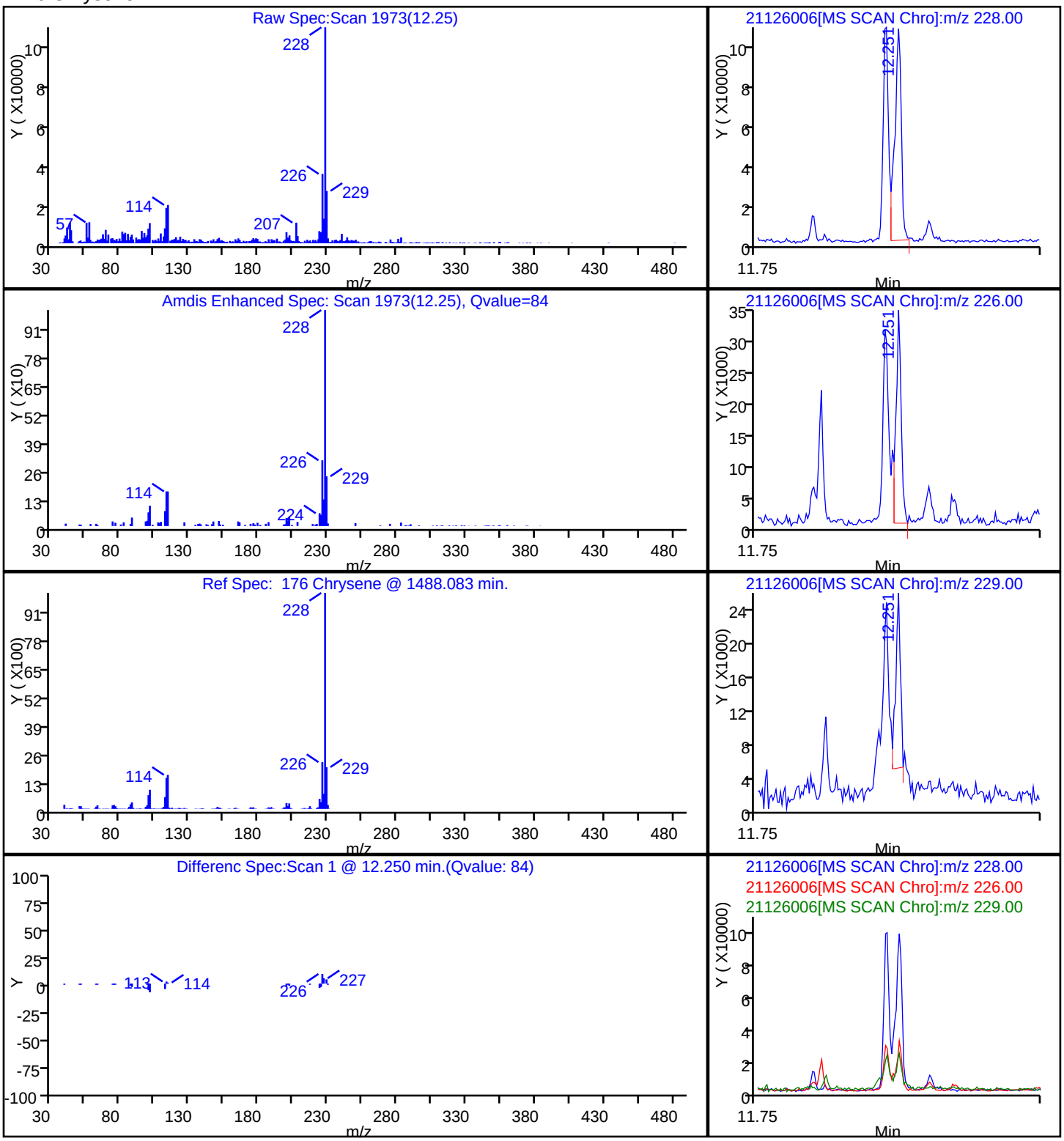


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

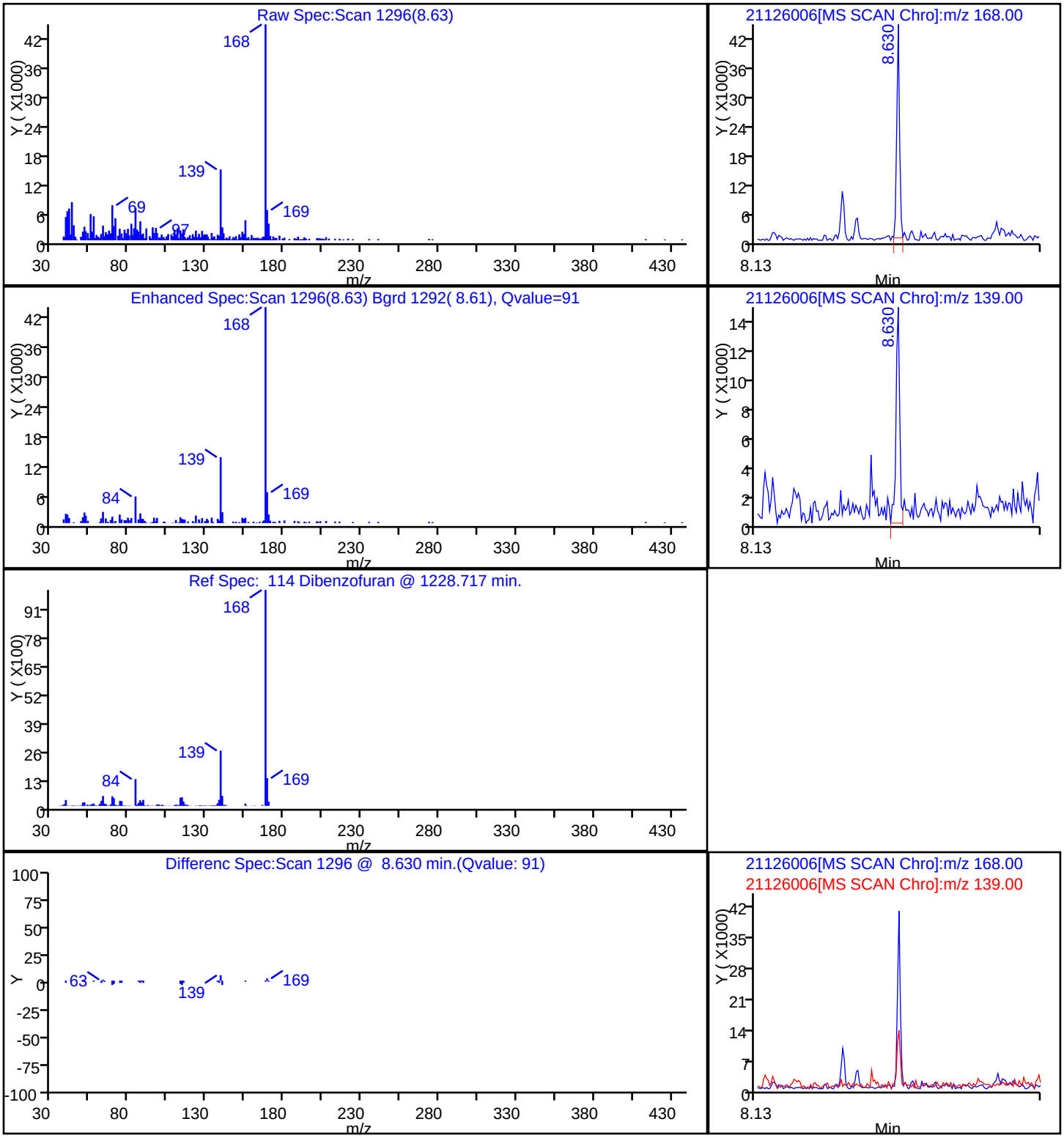


Report Date: 27-Nov-2012 16:01:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
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114 Dibenzofuran



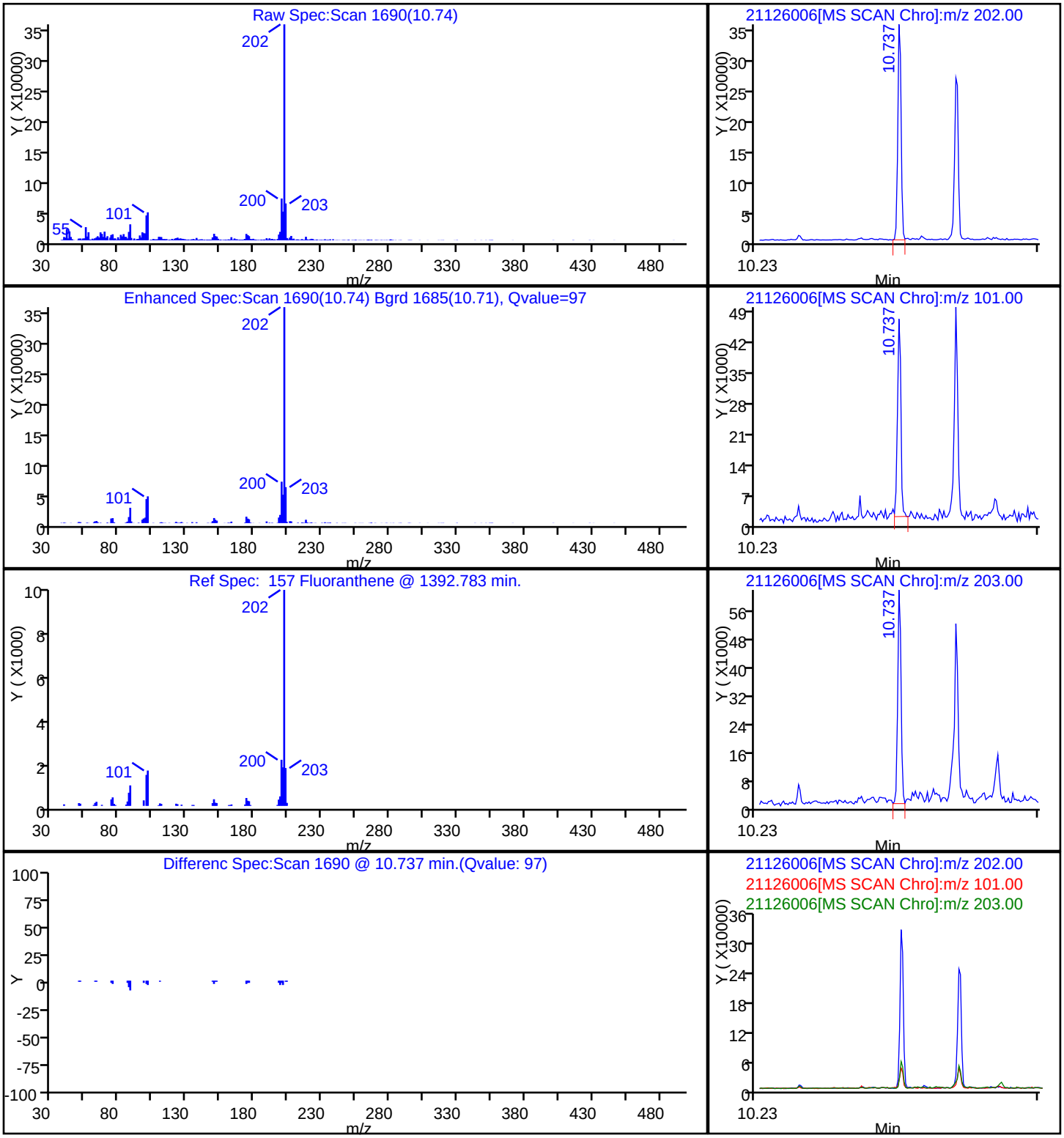
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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
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157 Fluoranthene

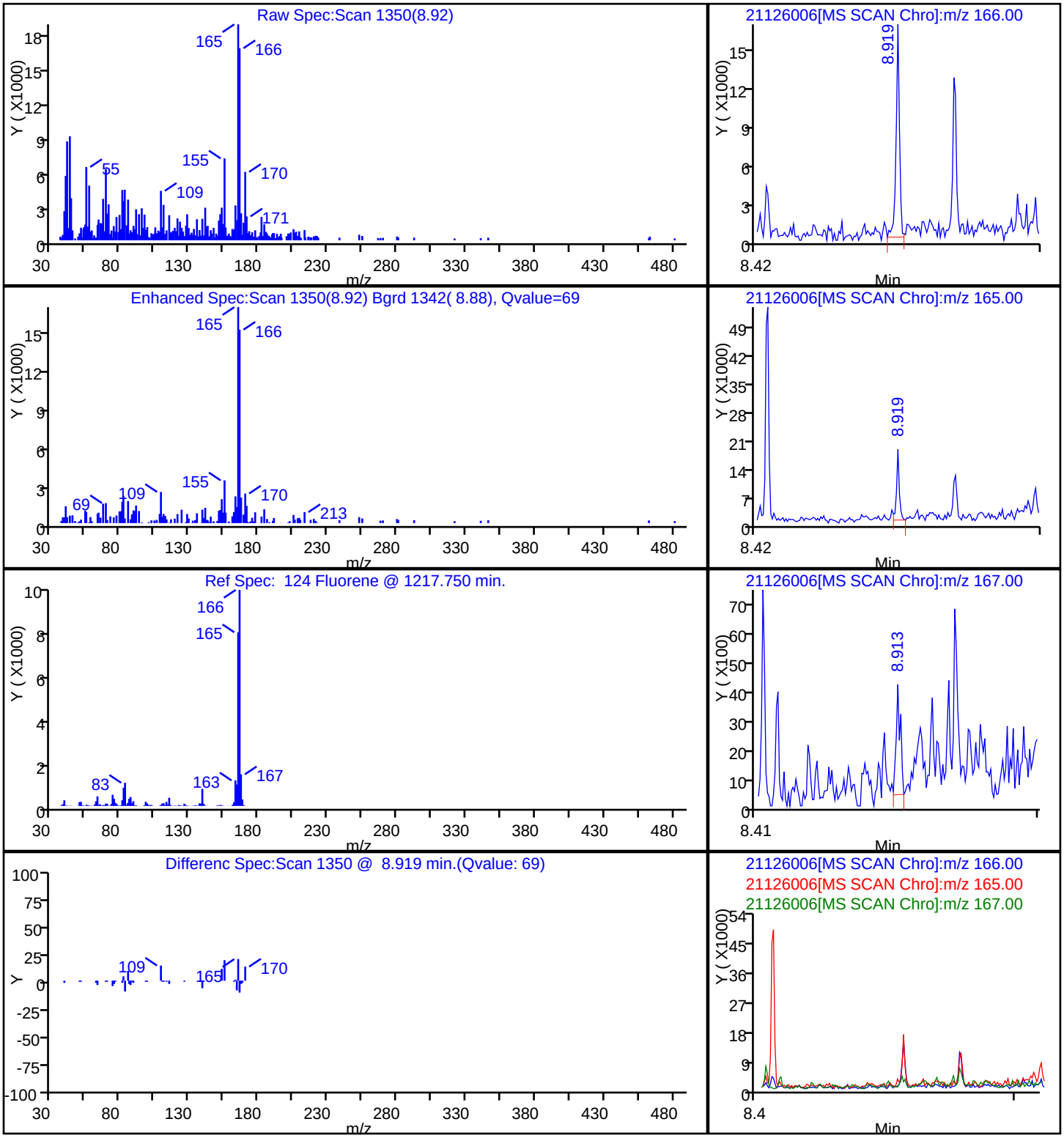


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TestAmerica Canton

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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

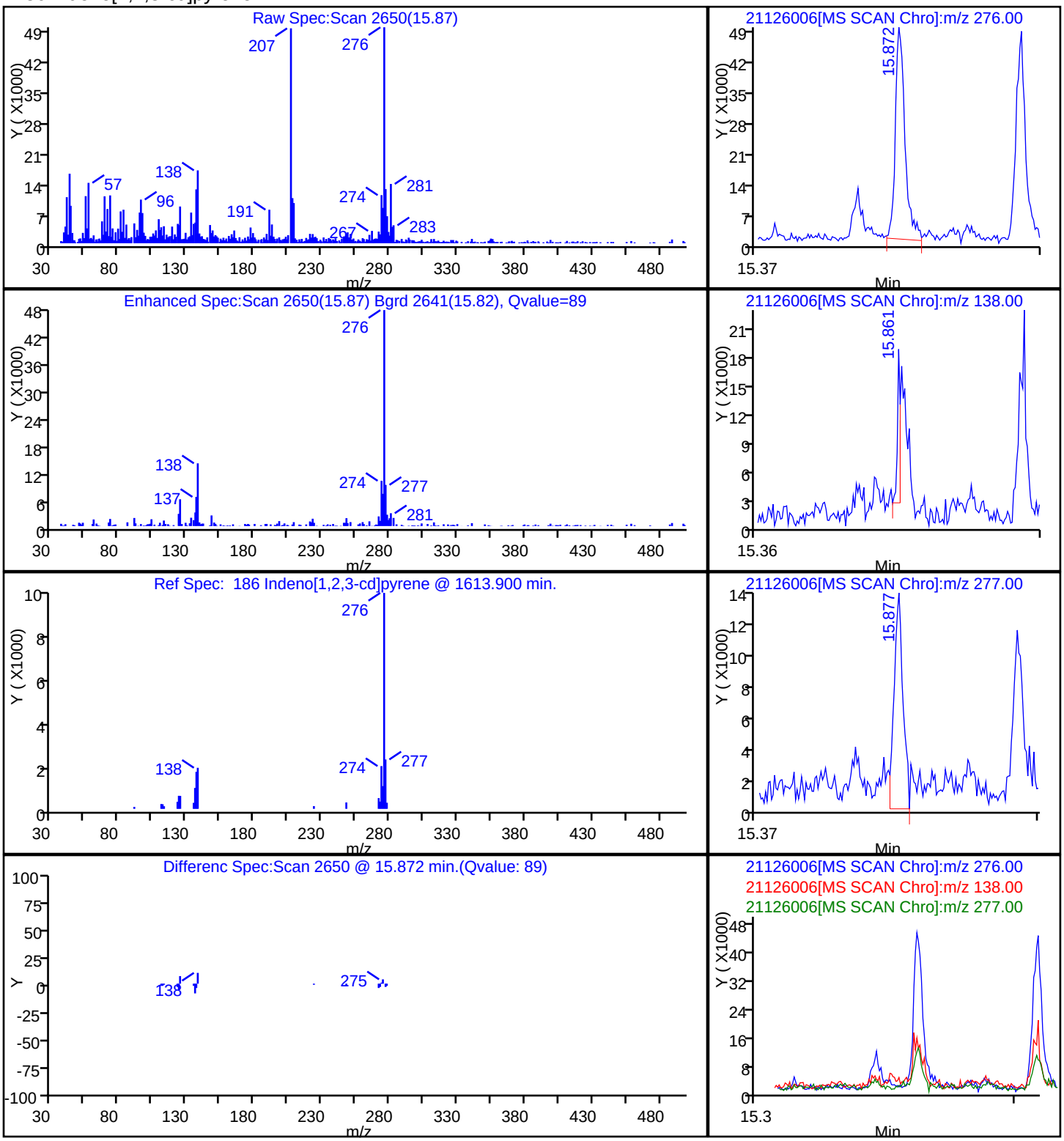


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Lims Batch ID:	66246	Lims Sample ID:	6
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Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

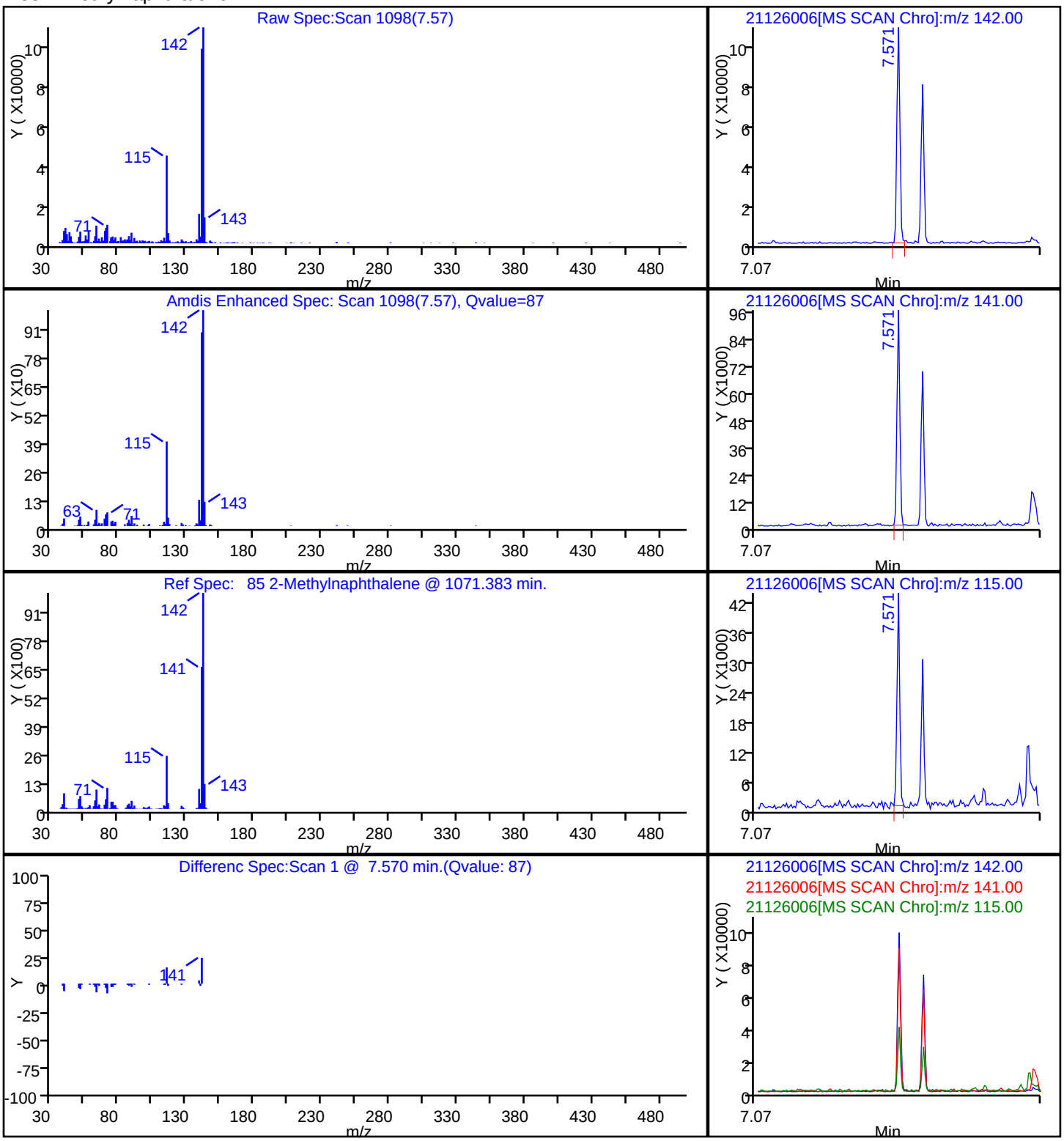


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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



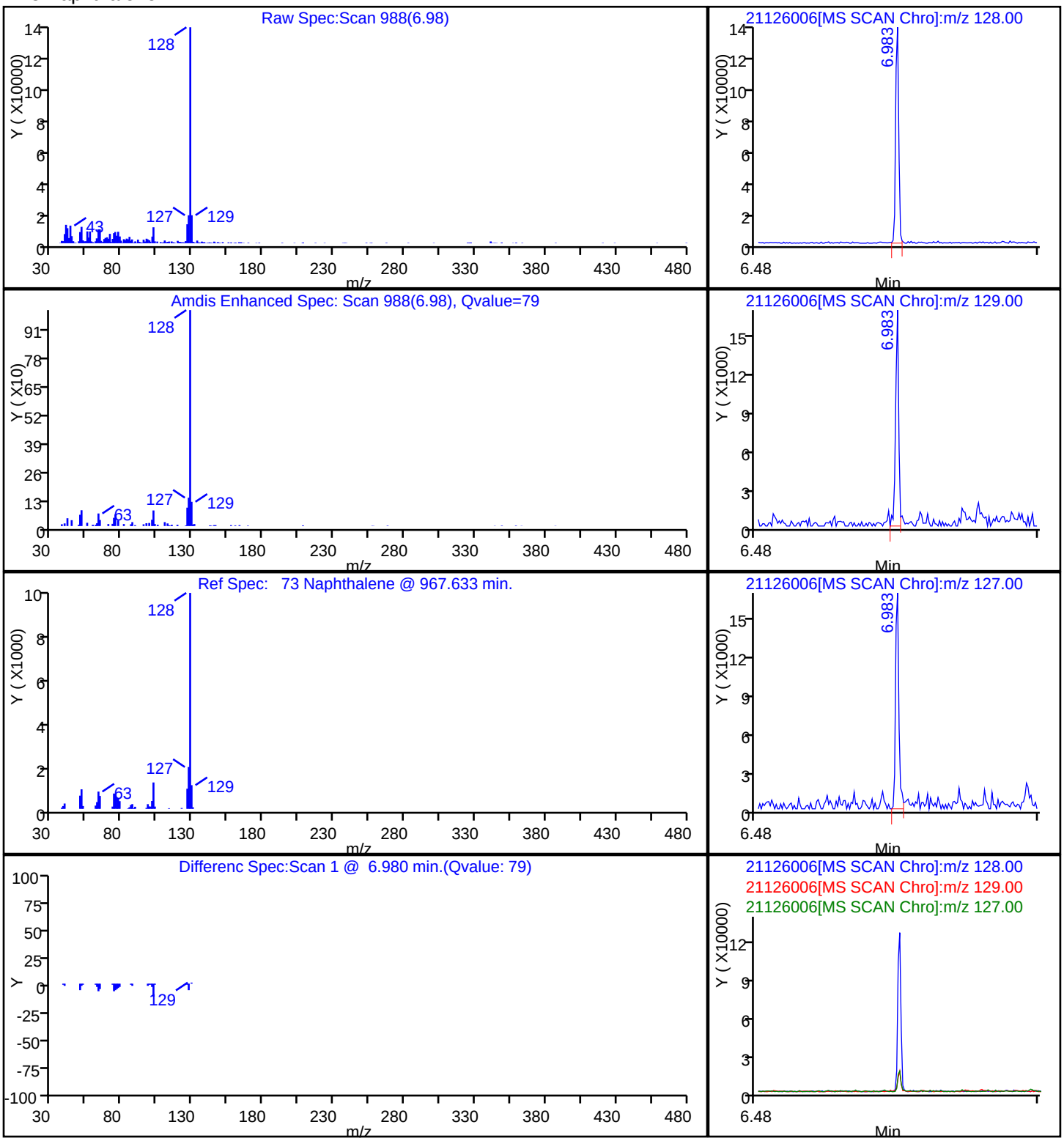
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Operator ID:	001710	Injection Vol:	1.0 ul
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73 Naphthalene

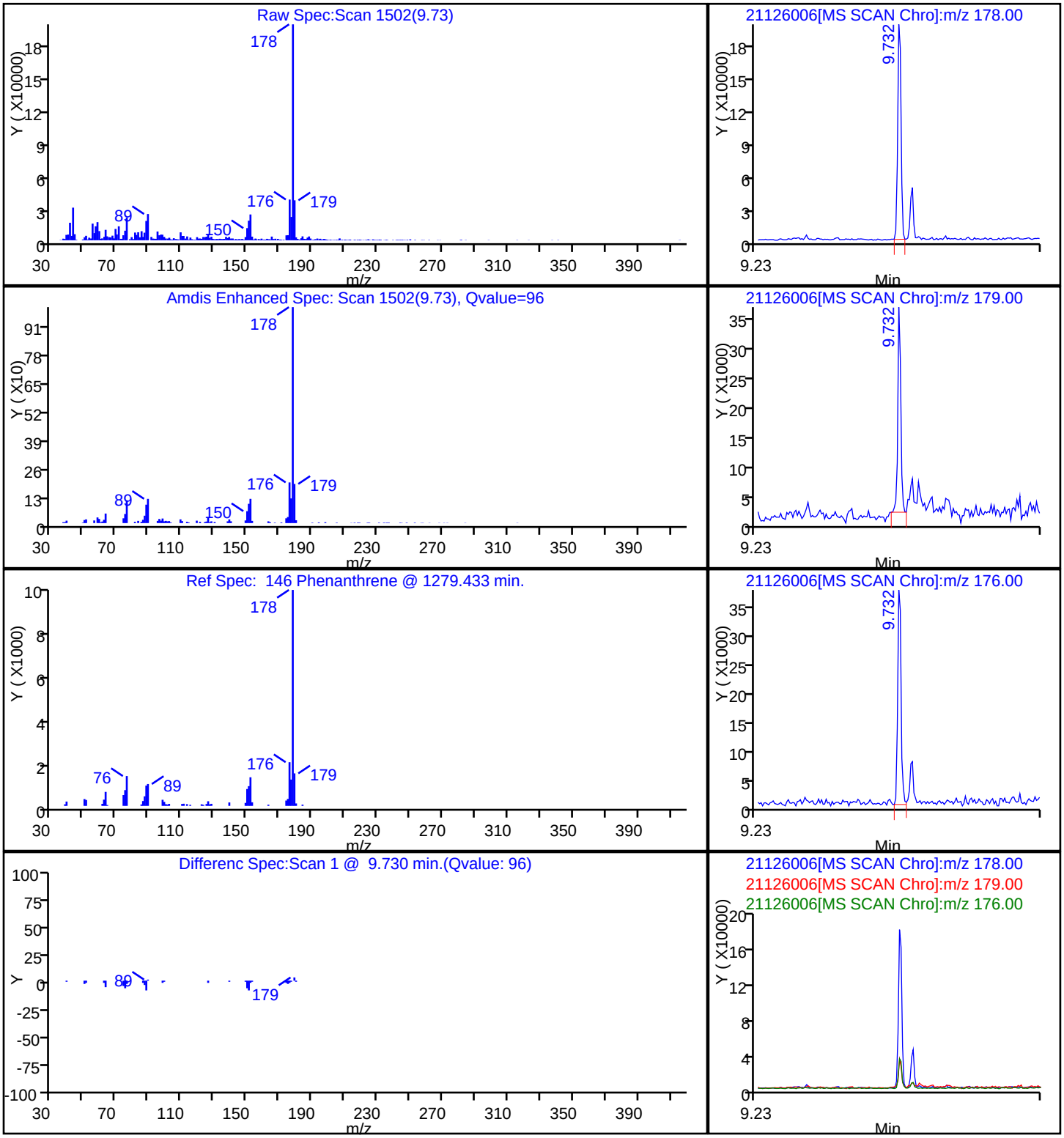


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Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



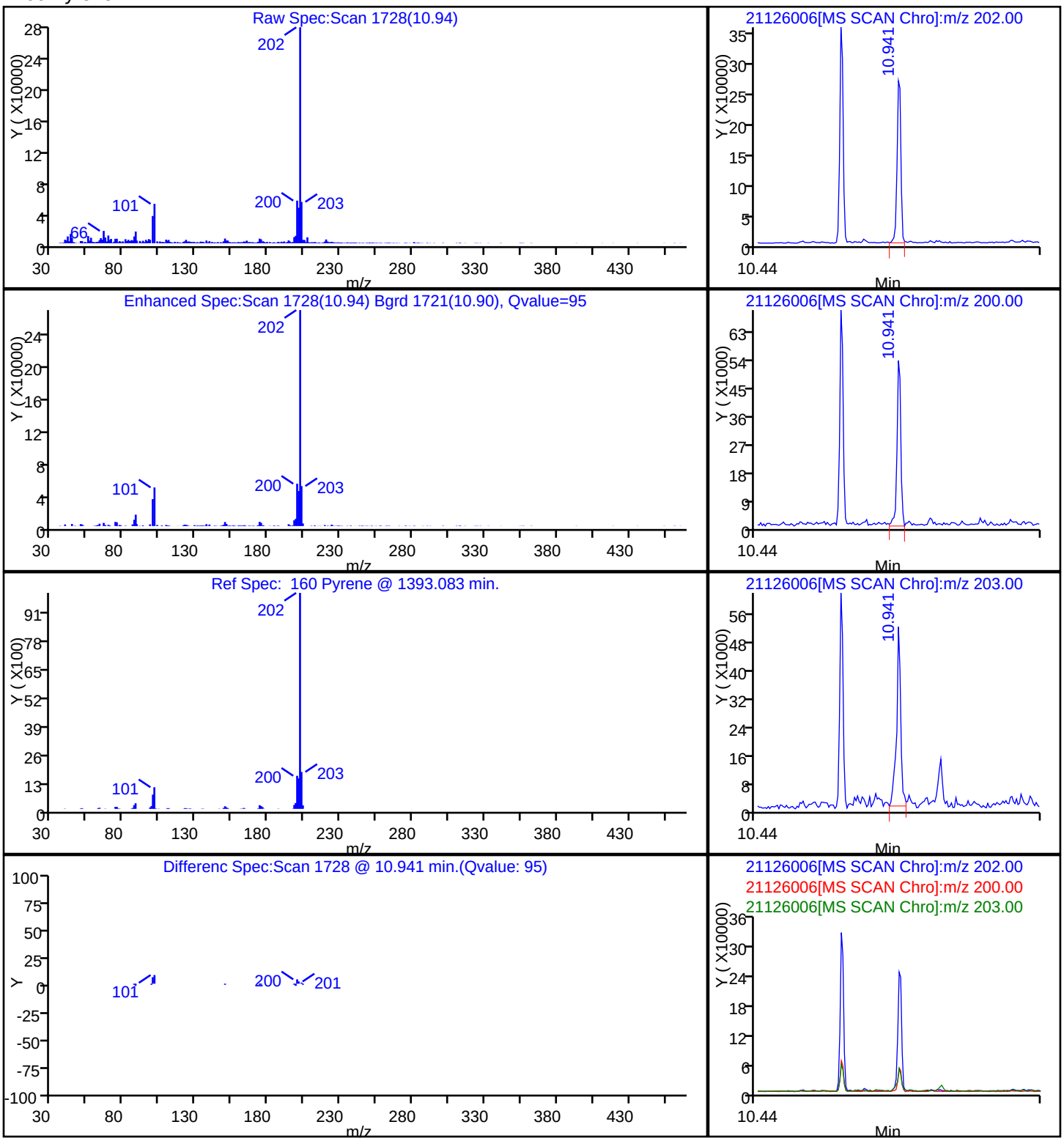
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Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

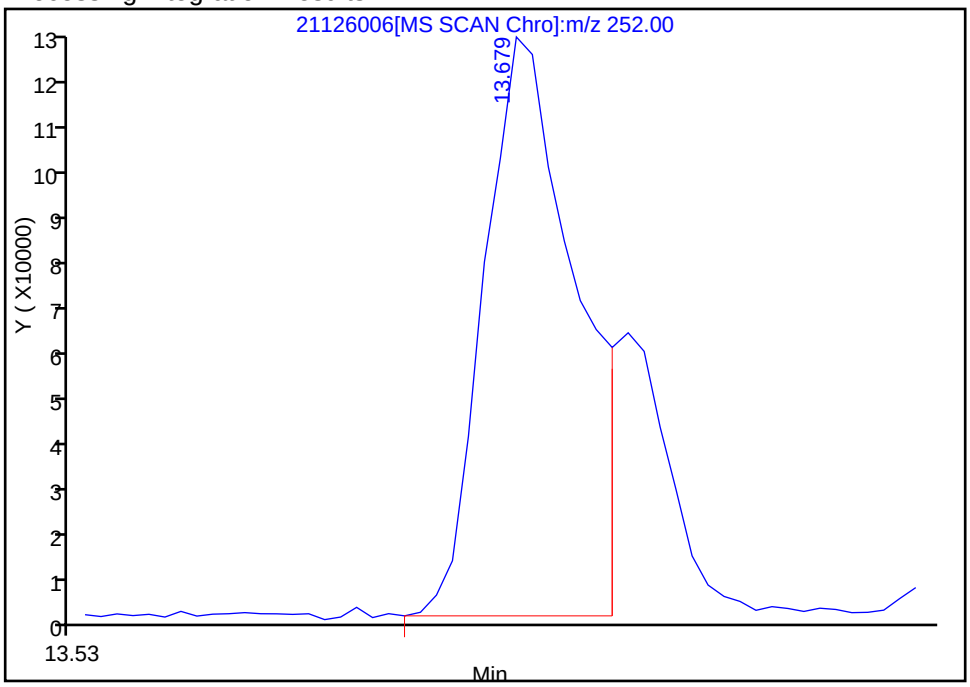
TestAmerica Canton

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Client ID:	073SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

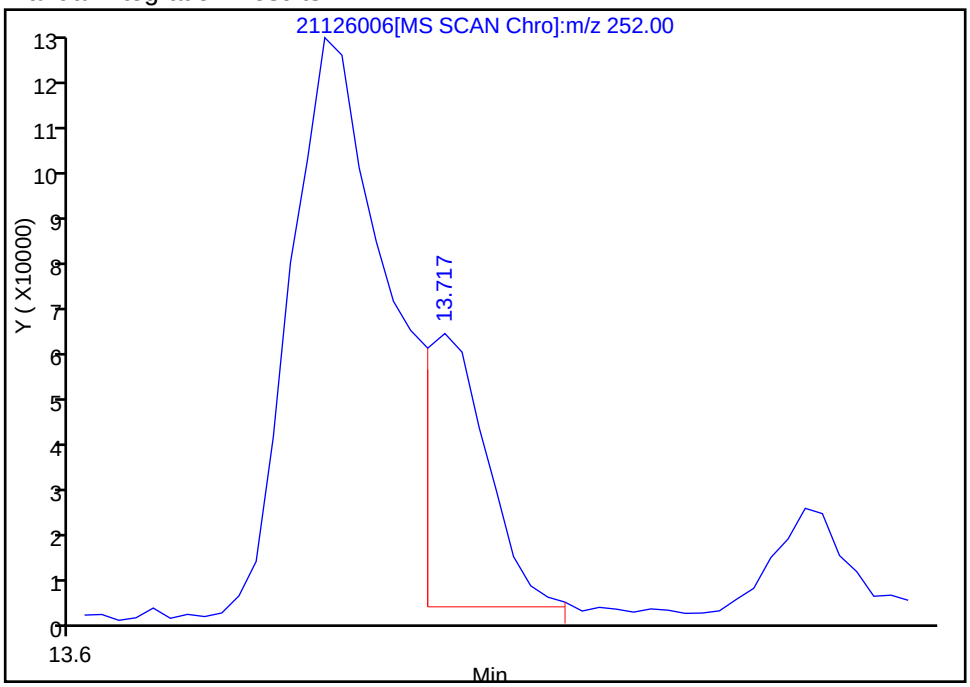
Processing Integration Results

RT: 13.68
Response: 269787
Amount: 1.428890



Manual Integration Results

RT: 13.72
Response: 80697
Amount: 0.427401



Reviewer: gruberj, 26-Nov-2012 12:29:11
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0005M-0001-SO | Lab Sample ID: 240-17422-8

Matrix: Solid | Lab File ID: 21126016.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 10:30

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.93(g) | Date Analyzed: 11/26/2012 15:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	240	D	67	33	33
208-96-8	Acenaphthylene	160	D	67	33	33
120-12-7	Anthracene	300	D	67	33	33
56-55-3	Benzo[a]anthracene	730	D	67	33	33
50-32-8	Benzo[a]pyrene	570	D	67	33	33
205-99-2	Benzo[b]fluoranthene	670	D M	67	33	33
191-24-2	Benzo[g,h,i]perylene	160	D M	67	33	33
65-85-0	Benzoic acid	3300	U M	6600	3300	3300
207-08-9	Benzo[k]fluoranthene	190	D M	67	33	33
100-51-6	Benzyl alcohol	270	U	3300	270	210
111-91-1	Bis(2-chloroethoxy)methane	270	U	1000	270	220
111-44-4	Bis(2-chloroethyl)ether	33	U	1000	33	20
108-60-1	bis (2-chloroisopropyl) ether	270	U	1000	270	95
117-81-7	Bis(2-ethylhexyl) phthalate	270	U	500	270	190
101-55-3	4-Bromophenyl phenyl ether	270	U	500	270	130
85-68-7	Butyl benzyl phthalate	270	U	500	270	100
86-74-8	Carbazole	270	U	500	270	270
106-47-8	4-Chloroaniline	270	U	1500	270	170
59-50-7	4-Chloro-3-methylphenol	270	U	1500	270	210
91-58-7	2-Chloronaphthalene	33	U	500	33	33
95-57-8	2-Chlorophenol	270	U	500	270	270
7005-72-3	4-Chlorophenyl phenyl ether	270	U	500	270	130
218-01-9	Chrysene	1000	D	67	33	11
53-70-3	Dibenz(a,h)anthracene	33	U	67	33	33
132-64-9	Dibenzofuran	2500	D	500	33	33
106-46-7	1,4-Dichlorobenzene	270	U	500	270	200
95-50-1	1,2-Dichlorobenzene	270	U	500	270	97
541-73-1	1,3-Dichlorobenzene	270	U	500	270	110
91-94-1	3,3'-Dichlorobenzidine	800	U	1000	800	180
120-83-2	2,4-Dichlorophenol	270	U	1500	270	200
84-66-2	Diethyl phthalate	270	U	500	270	160
105-67-9	2,4-Dimethylphenol	800	U	1500	800	200
131-11-3	Dimethyl phthalate	270	U	500	270	170
84-74-2	Di-n-butyl phthalate	270	U	500	270	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0005M-0001-SO | Lab Sample ID: 240-17422-8

Matrix: Solid | Lab File ID: 21126016.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 10:30

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.93(g) | Date Analyzed: 11/26/2012 15:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	800	U	1500	800	800
51-28-5	2,4-Dinitrophenol	800	U	3300	800	800
121-14-2	2,4-Dinitrotoluene	270	U	2000	270	270
606-20-2	2,6-Dinitrotoluene	270	U	2000	270	210
117-84-0	Di-n-octyl phthalate	270	U	500	270	270
206-44-0	Fluoranthene	860	D	67	33	33
86-73-7	Fluorene	33	U	67	33	33
118-74-1	Hexachlorobenzene	33	U	67	33	21
87-68-3	Hexachlorobutadiene	270	U	500	270	270
77-47-4	Hexachlorocyclopentadiene	270	U	3300	270	270
67-72-1	Hexachloroethane	270	U	500	270	90
193-39-5	Indeno[1,2,3-cd]pyrene	140	D	67	33	33
78-59-1	Isophorone	270	U	500	270	130
91-57-6	2-Methylnaphthalene	9100	D	67	33	33
95-48-7	2-Methylphenol	800	U	2000	800	800
15831-10-4	3 & 4 Methylphenol	800	U	4000	800	200
91-20-3	Naphthalene	4600	D	67	33	33
88-74-4	2-Nitroaniline	270	U	2000	270	91
99-09-2	3-Nitroaniline	800	U	2000	800	160
100-01-6	4-Nitroaniline	270	U	2000	270	260
98-95-3	Nitrobenzene	33	U	1000	33	22
88-75-5	2-Nitrophenol	270	U	500	270	270
100-02-7	4-Nitrophenol	800	U	3300	800	800
621-64-7	N-Nitrosodi-n-propylamine	270	U	500	270	270
86-30-6	N-Nitrosodiphenylamine	270	U	500	270	210
87-86-5	Pentachlorophenol	800	U	1500	800	800
85-01-8	Phenanthrene	5500	D	67	33	33
108-95-2	Phenol	270	U	500	270	270
129-00-0	Pyrene	1000	D	67	33	33
120-82-1	1,2,4-Trichlorobenzene	270	U	500	270	270
95-95-4	2,4,5-Trichlorophenol	270	U	1500	270	250
88-06-2	2,4,6-Trichlorophenol	800	U	1500	800	800

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0005M-0001-SO | Lab Sample ID: 240-17422-8

Matrix: Solid | Lab File ID: 21126016.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 10:30

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.93(g) | Date Analyzed: 11/26/2012 15:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	68		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	77		35-100
1718-51-0	Terphenyl-d14 (Surr)	77		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	74		35-125
4165-62-2	Phenol-d5 (Surr)	76		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D
Lims ID: 240-17422-A-8-D
Client ID: 073SS-0005M-0001-SO
Inject. Date: 26-Nov-2012 15:55:30
Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015260-016
Misc. Info.: 240-17422-a-8-d
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 16
Lims Batch ID: 66246
Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:45:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	94	176084	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	701047	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	90	426636	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	92	771686	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	95	829409	4.00	
* 6 Perylene-d12	264	14.268	14.251	0.017	96	506313	4.00	
$ 7 2-Fluorophenol	112	4.570	4.565	0.005	68	52770	0.9695	
$ 8 Phenol-d5	99	5.490	5.485	0.005	94	78410	1.13	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	68	47743	0.7746	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	90	93716	0.6771	
$ 11 2,4,6-Tribromophenol	330	9.127	9.122	0.005	33	19635	1.11	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	79	118342	0.7704	
41 Phenol	94		5.501					9
44 Bis(2-chloroethyl)ether	93		5.592					
46 2-Chlorophenol	128		5.646					9
47 1,3-Dichlorobenzene	146		5.790					9
48 1,4-Dichlorobenzene	146		5.854					9
49 Benzyl alcohol	108		5.956					9
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					
52 2,2'-oxybis[1-chloropropane]	45		6.073					9
191 3 & 4 Methylphenol	108		6.180					9
56 N-Nitrosodi-n-propylamine	70		6.191					9
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					9
63 Isophorone	82		6.555					
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					
69 Benzoic acid	122	6.683	6.715	-0.032	80	40780	2.42	M
68 Bis(2-chloroethoxy)methane	93		6.731					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					9
72 1,2,4-Trichlorobenzene	180		6.908					9
73 Naphthalene	128	6.983	6.983	0.0	97	1200516	6.85	
74 4-Chloroaniline	127		7.015					
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	90	1525475	13.6	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					9
91 2,4,5-Trichlorophenol	196		7.833					9
98 2-Chloronaphthalene	162		7.988					
100 2-Nitroaniline	65		8.063					
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152	8.336	8.341	-0.005	28	46085	0.2368	
108 3-Nitroaniline	138		8.405					
110 Acenaphthene	153	8.486	8.486	0.0	52	42531	0.3634	
109 2,4-Dinitrophenol	184		8.491					9
111 4-Nitrophenol	109		8.528					9
112 2,4-Dinitrotoluene	165		8.598					
114 Dibenzofuran	168	8.630	8.630	0.0	89	647573	3.73	
119 Diethyl phthalate	149		8.791					
121 4-Chlorophenyl phenyl ether	204		8.908					
124 Fluorene	166		8.919					9
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					9
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					9
146 Phenanthrene	178	9.737	9.732	0.005	97	1749370	8.30	
147 Anthracene	178	9.780	9.780	0.0	40	94636	0.4518	
149 Carbazole	167	9.908	9.903	0.005	62	77779	0.3823	
151 Di-n-butyl phthalate	149		10.160					
157 Fluoranthene	202	10.743	10.737	0.006	95	300592	1.29	
160 Pyrene	202	10.946	10.941	0.005	96	404787	1.53	
166 Butyl benzyl phthalate	149		11.518					
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149		12.176					9
175 Benzo[a]anthracene	228	12.214	12.203	0.011	94	253588	1.10	
176 Chrysene	228	12.262	12.251	0.011	75	345394	1.57	
178 Di-n-octyl phthalate	149		13.064					
180 Benzo[b]fluoranthene	252	13.695	13.679	0.016	89	162067	1.00	M
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	93	49700	0.2832	M
182 Benzo[a]pyrene	252	14.182	14.171	0.011	67	120189	0.8481	
186 Indeno[1,2,3-cd]pyrene	276	15.888	15.877	0.011	74	23745	0.2132	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.316	16.305	0.011	44	33971	0.2344	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

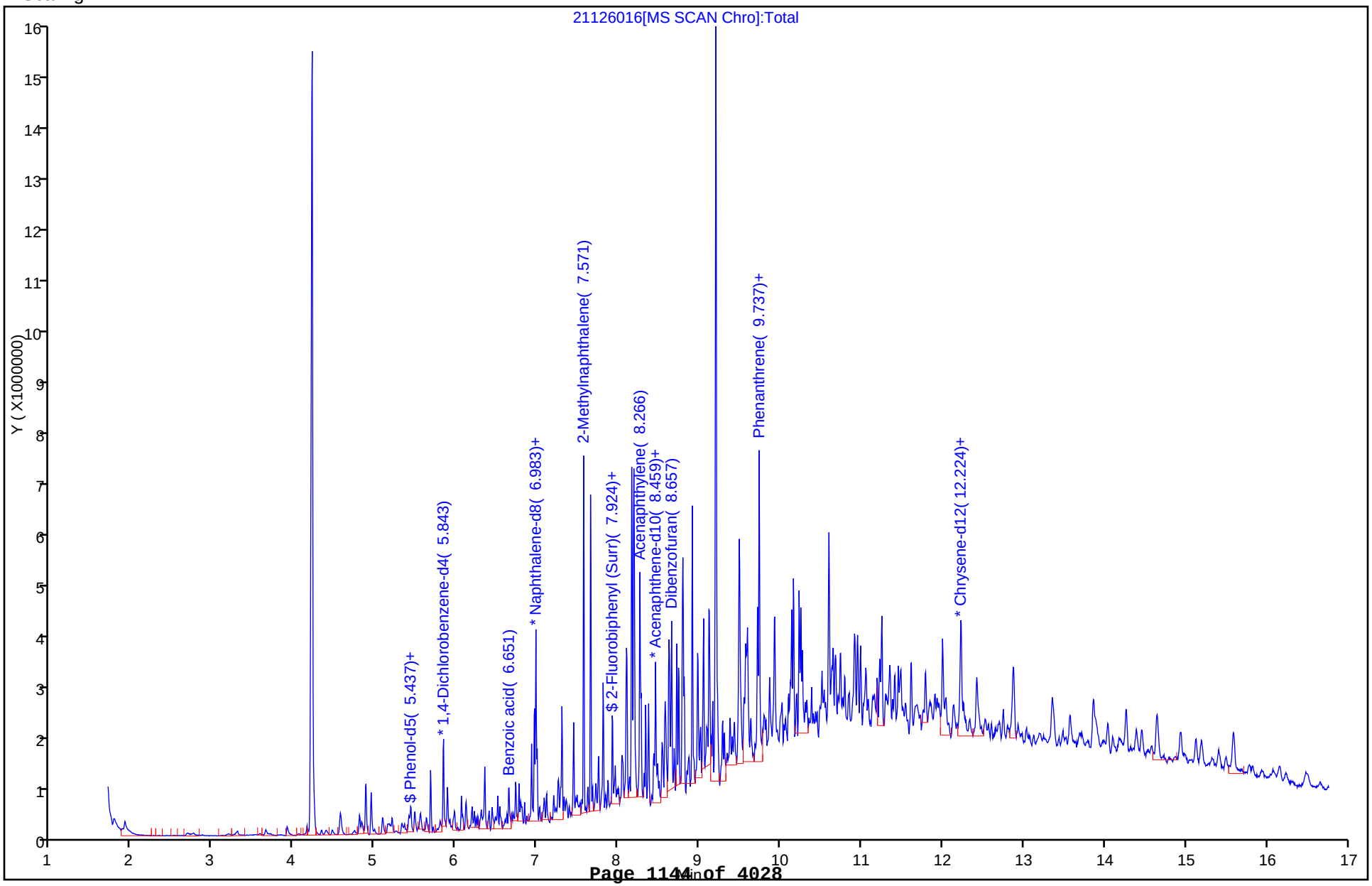
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

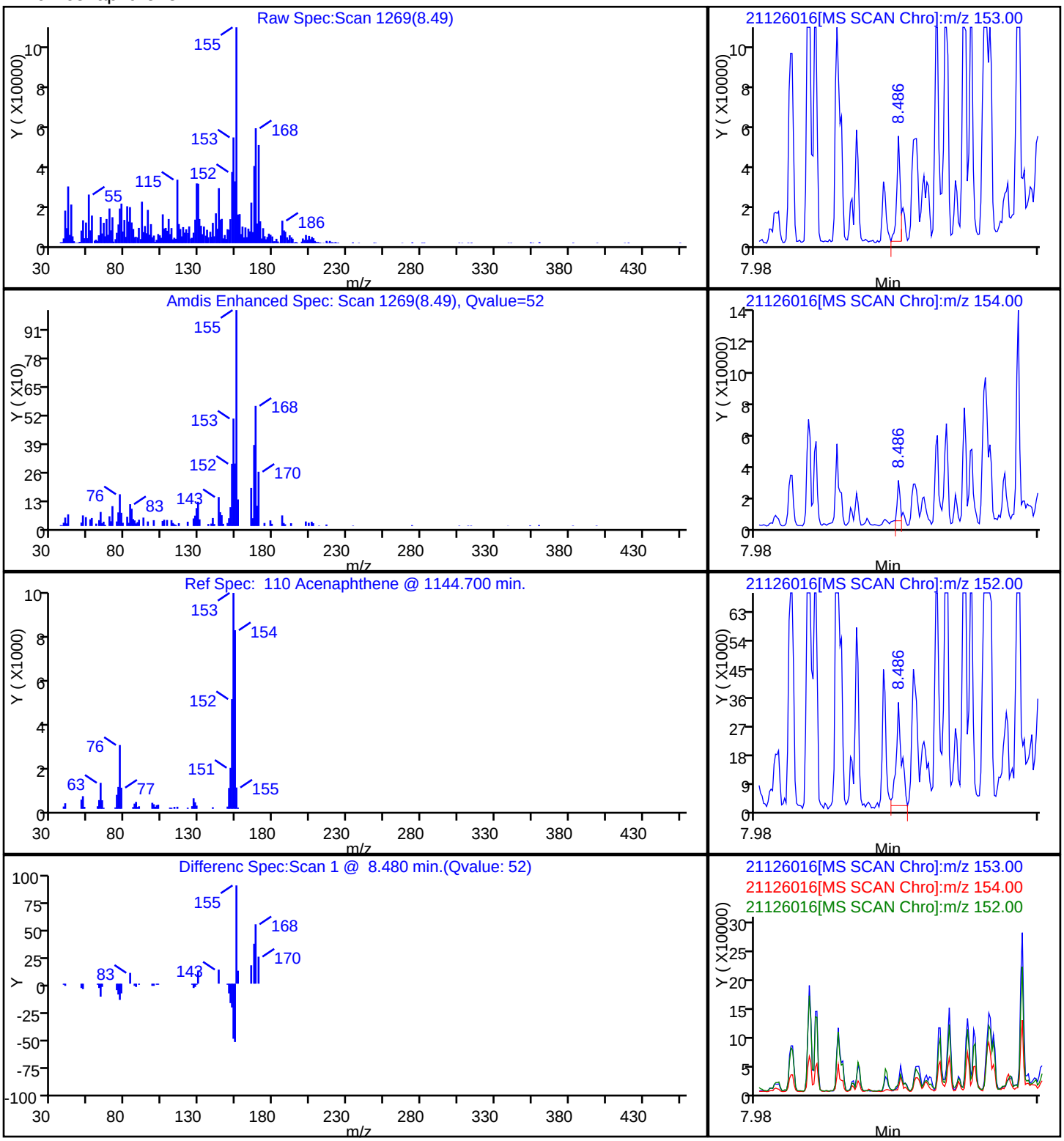


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene

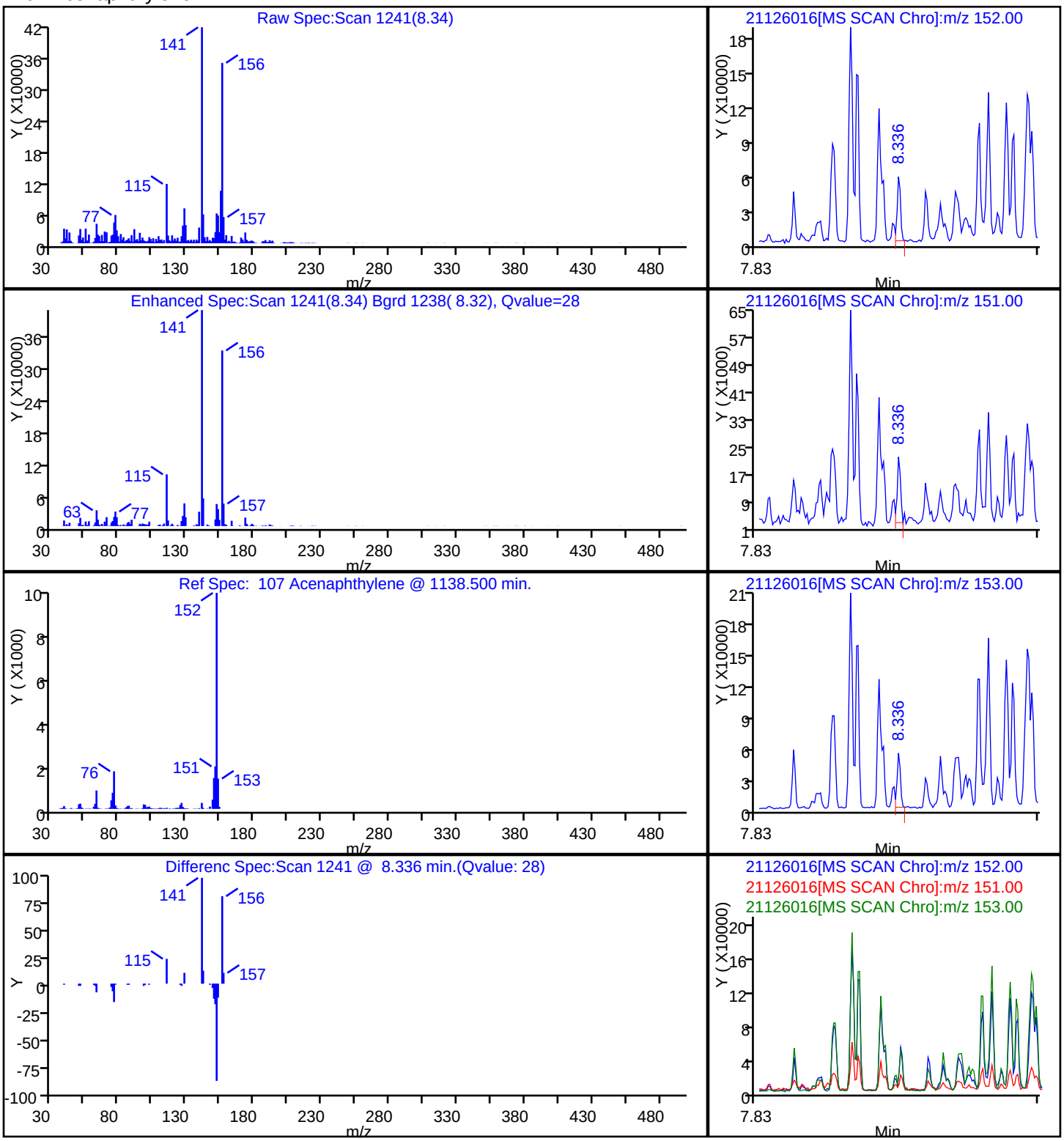


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene

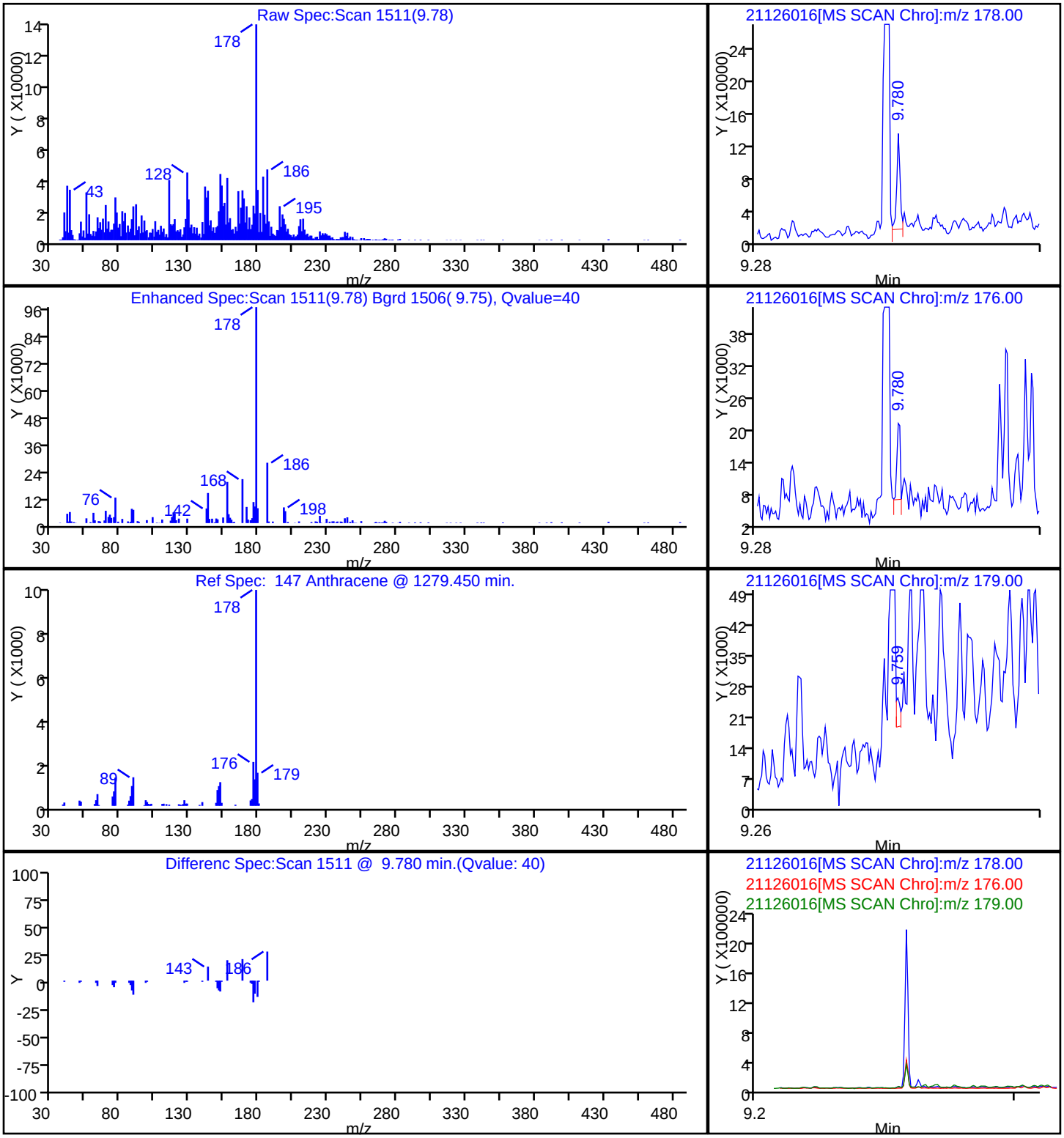


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

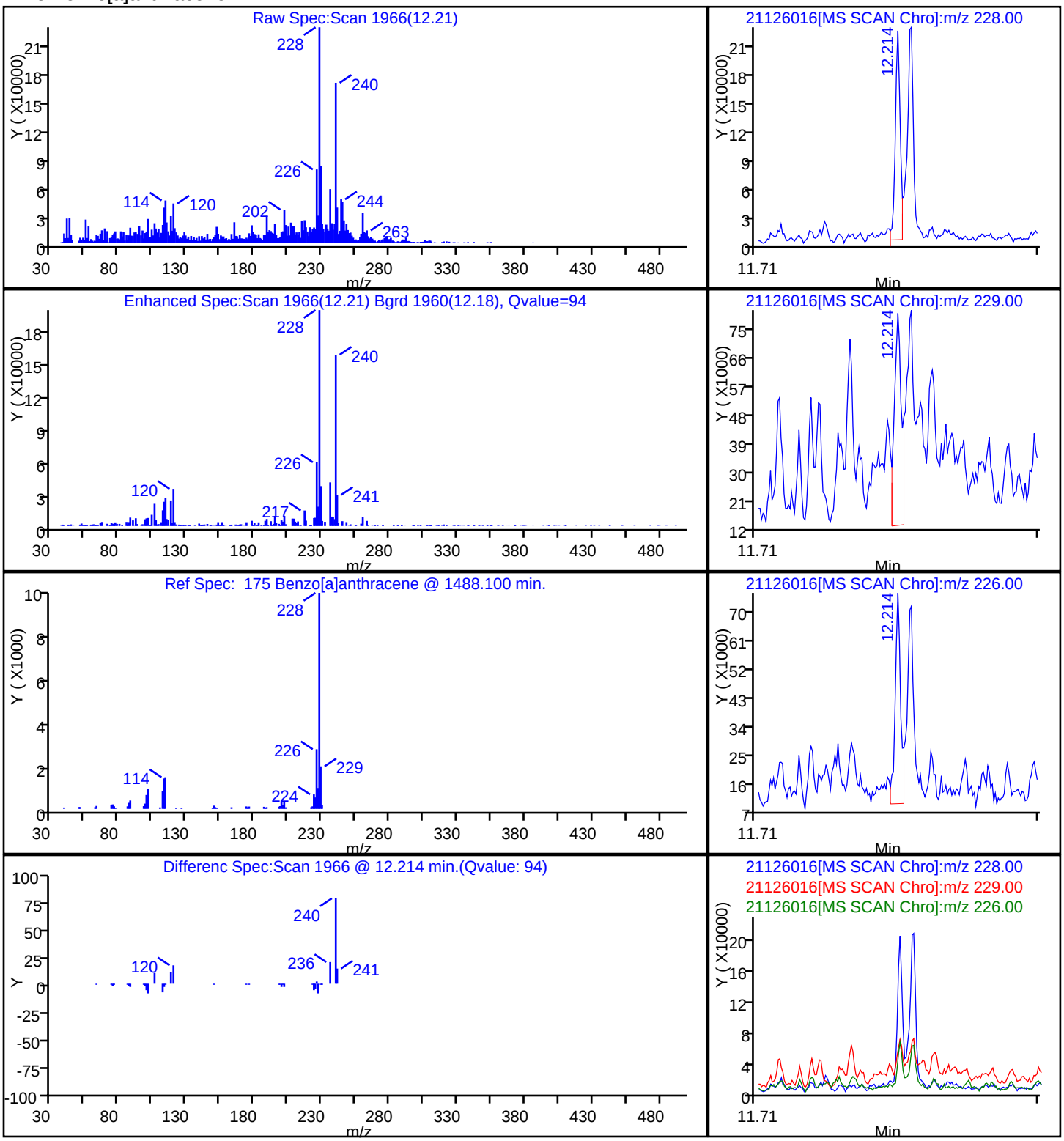


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

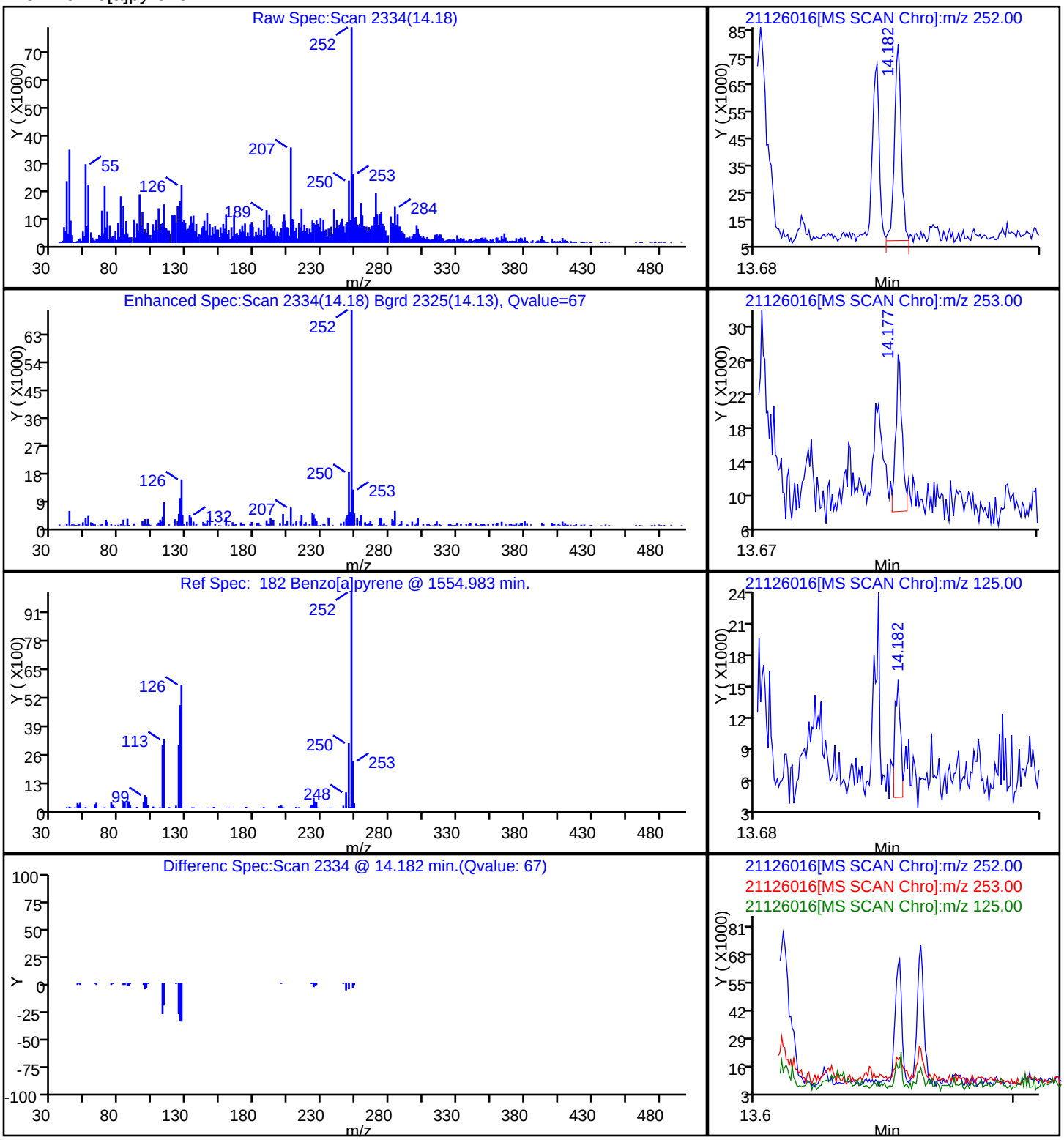


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

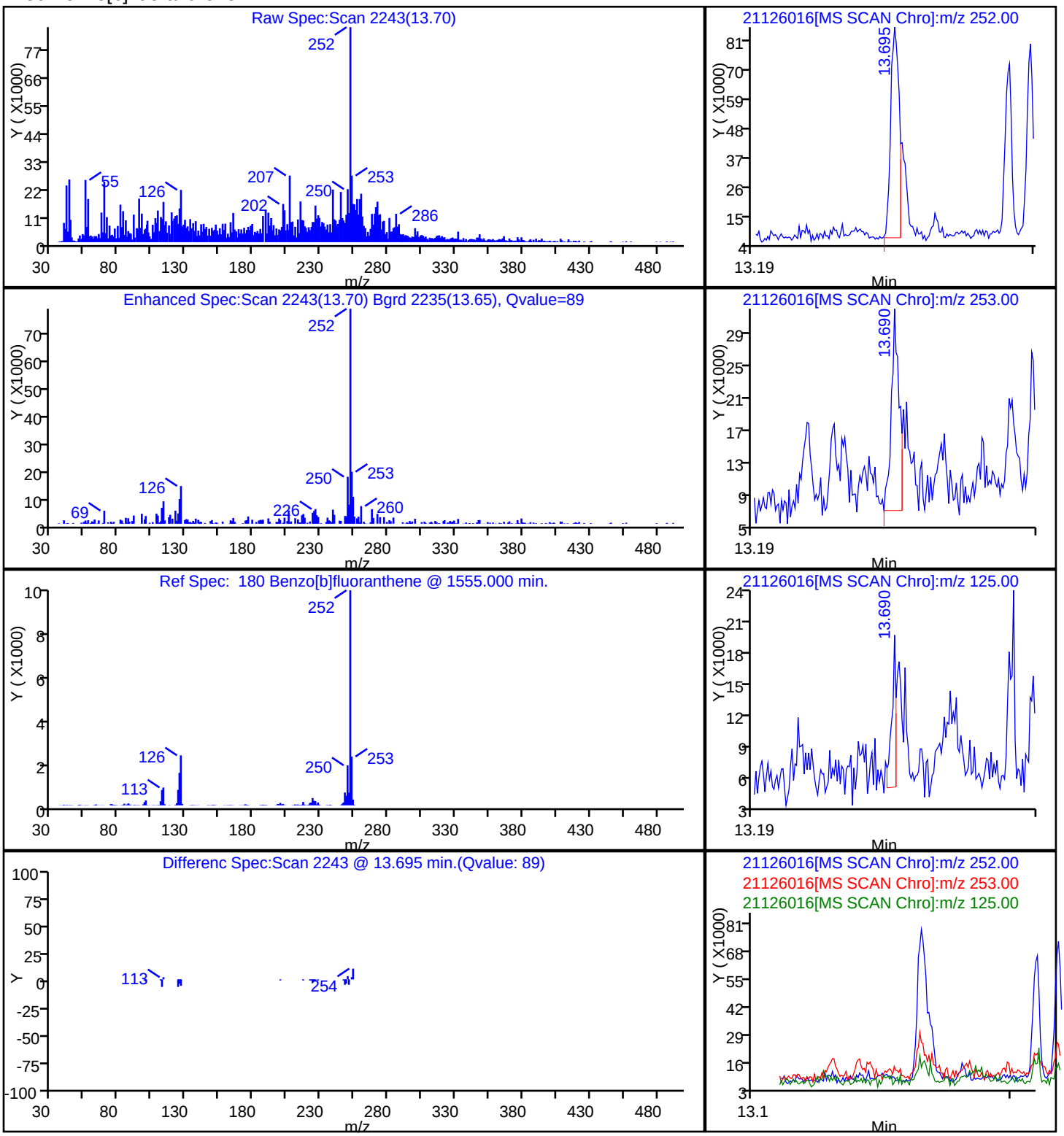


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

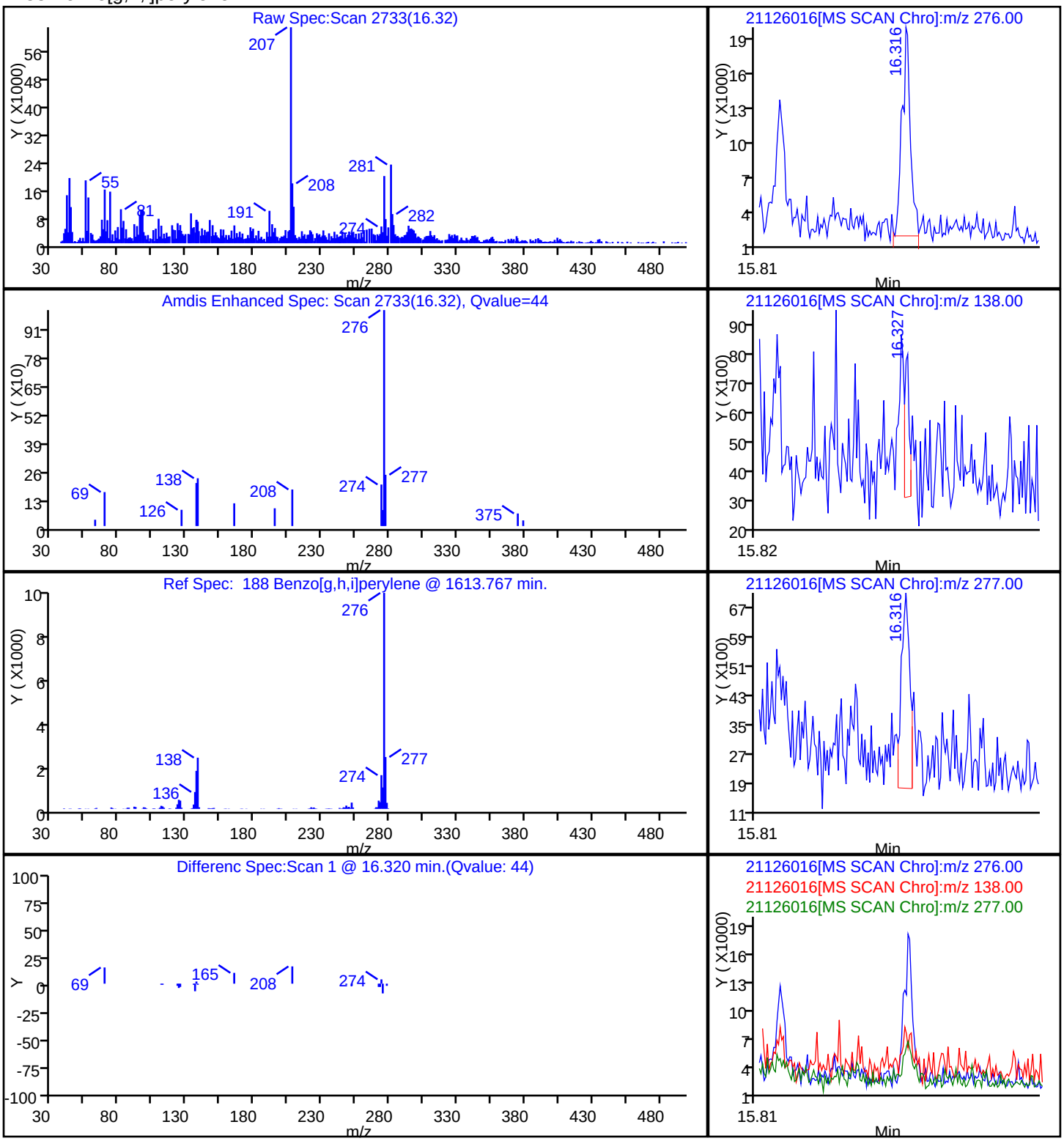


Report Date: 27-Nov-2012 16:01:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

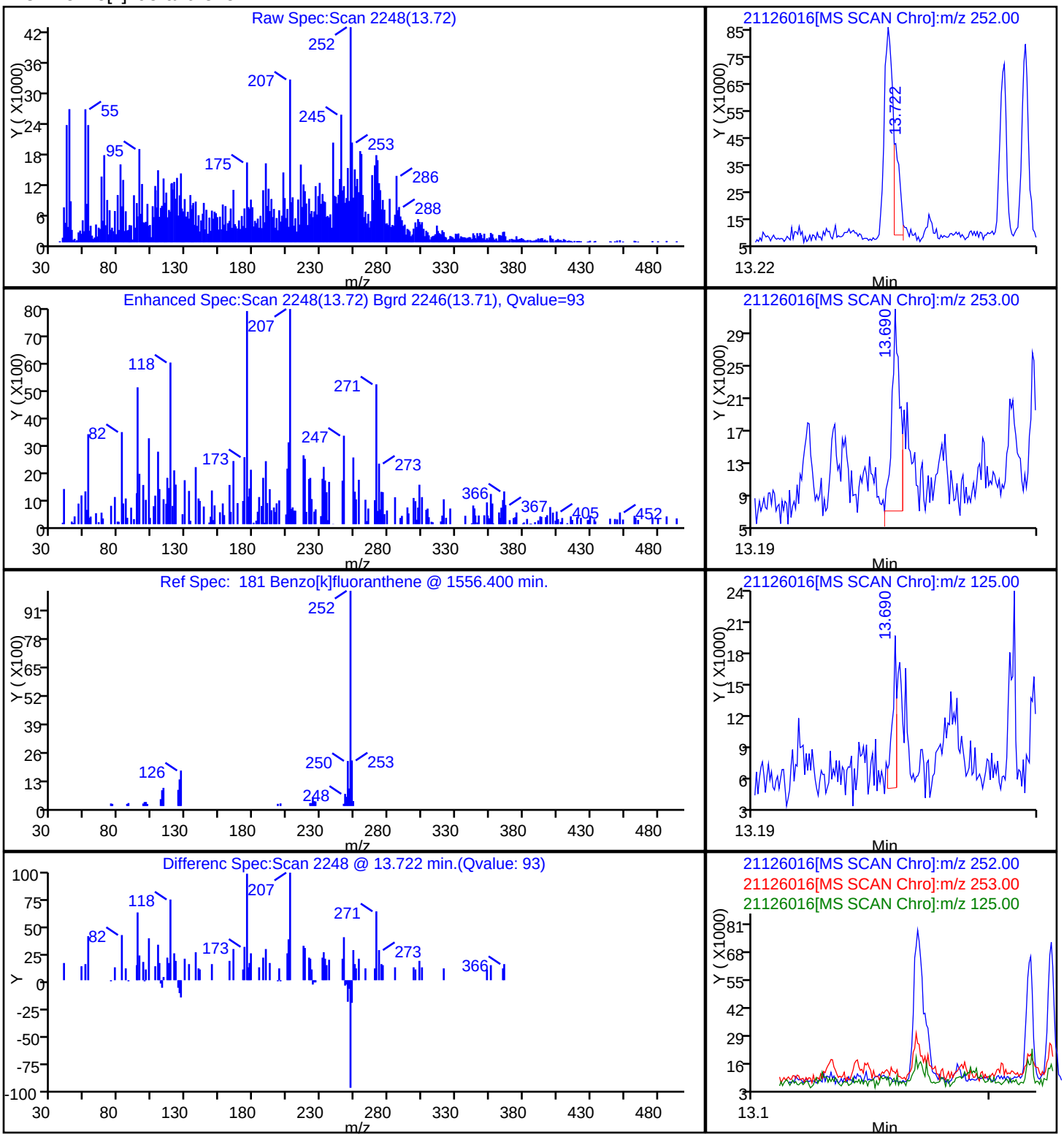


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



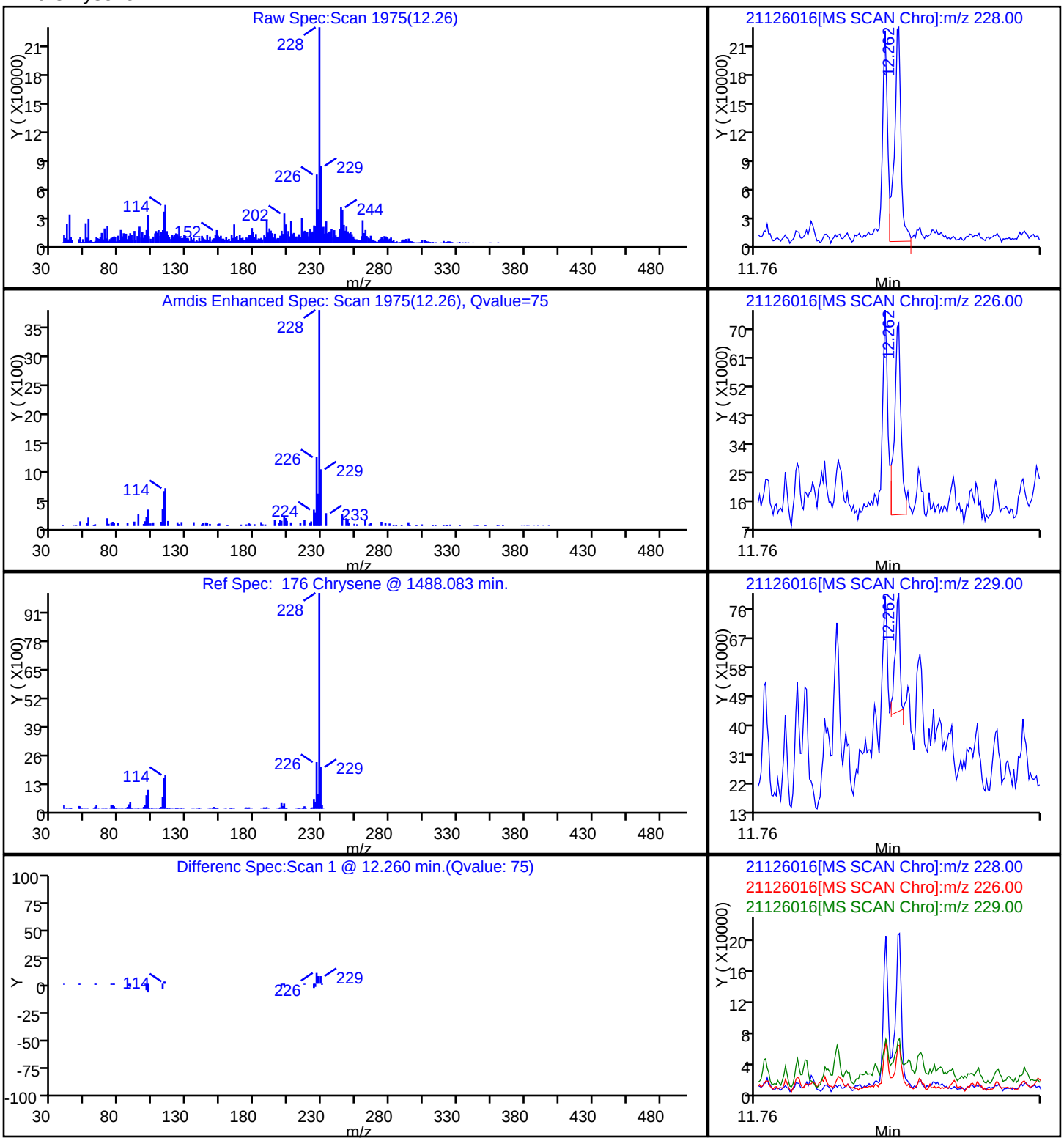
Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D

Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

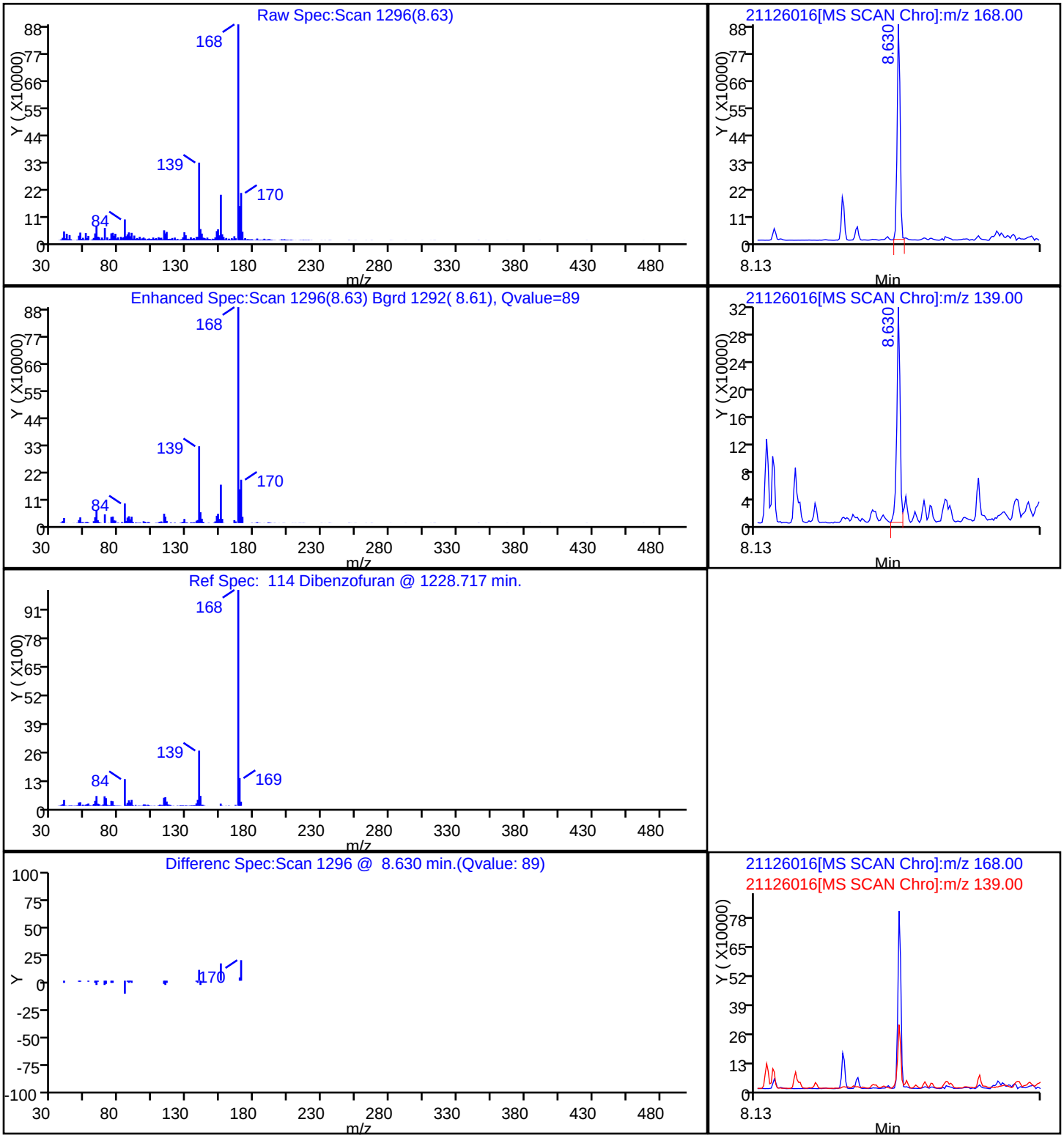


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran

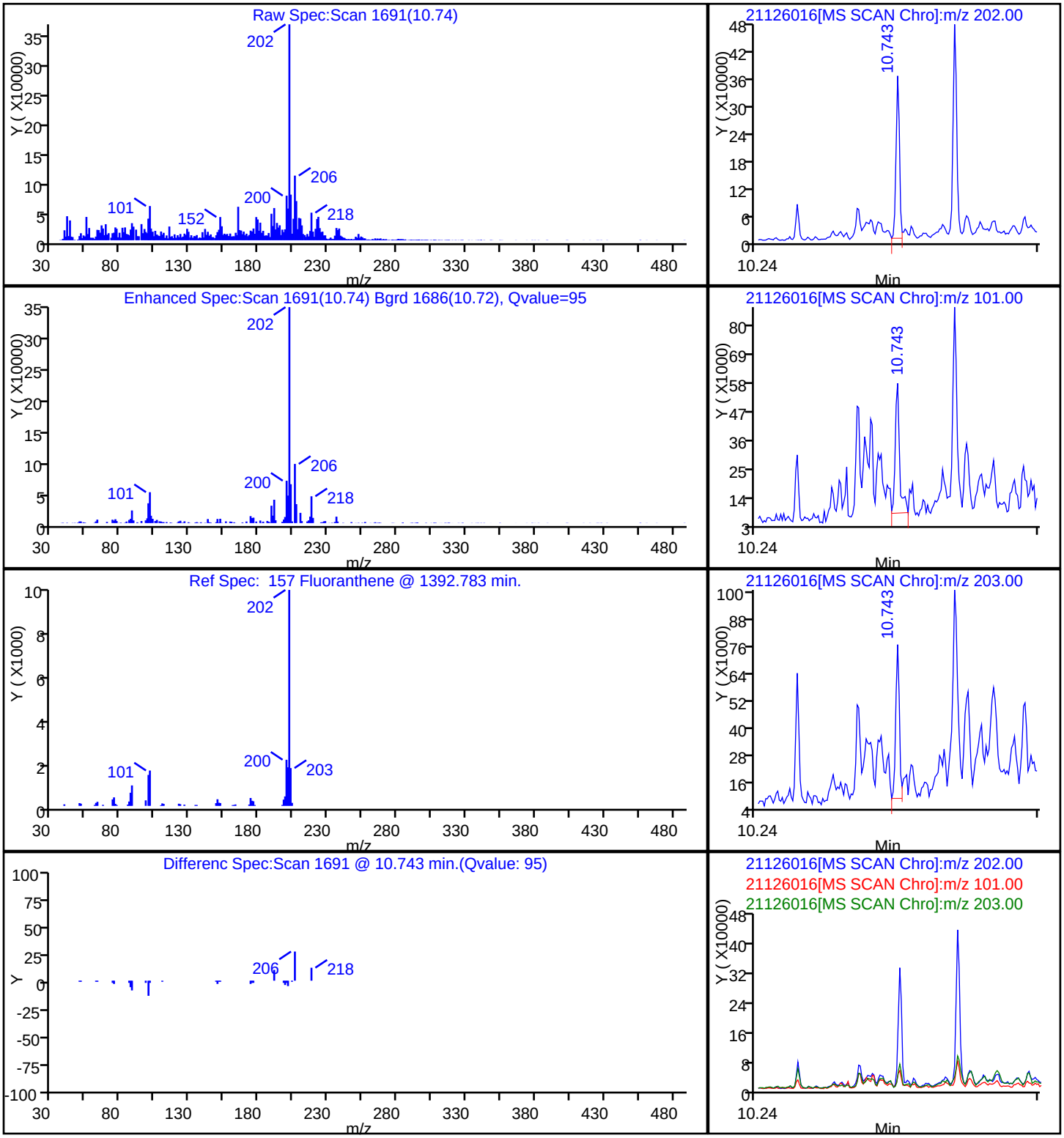


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

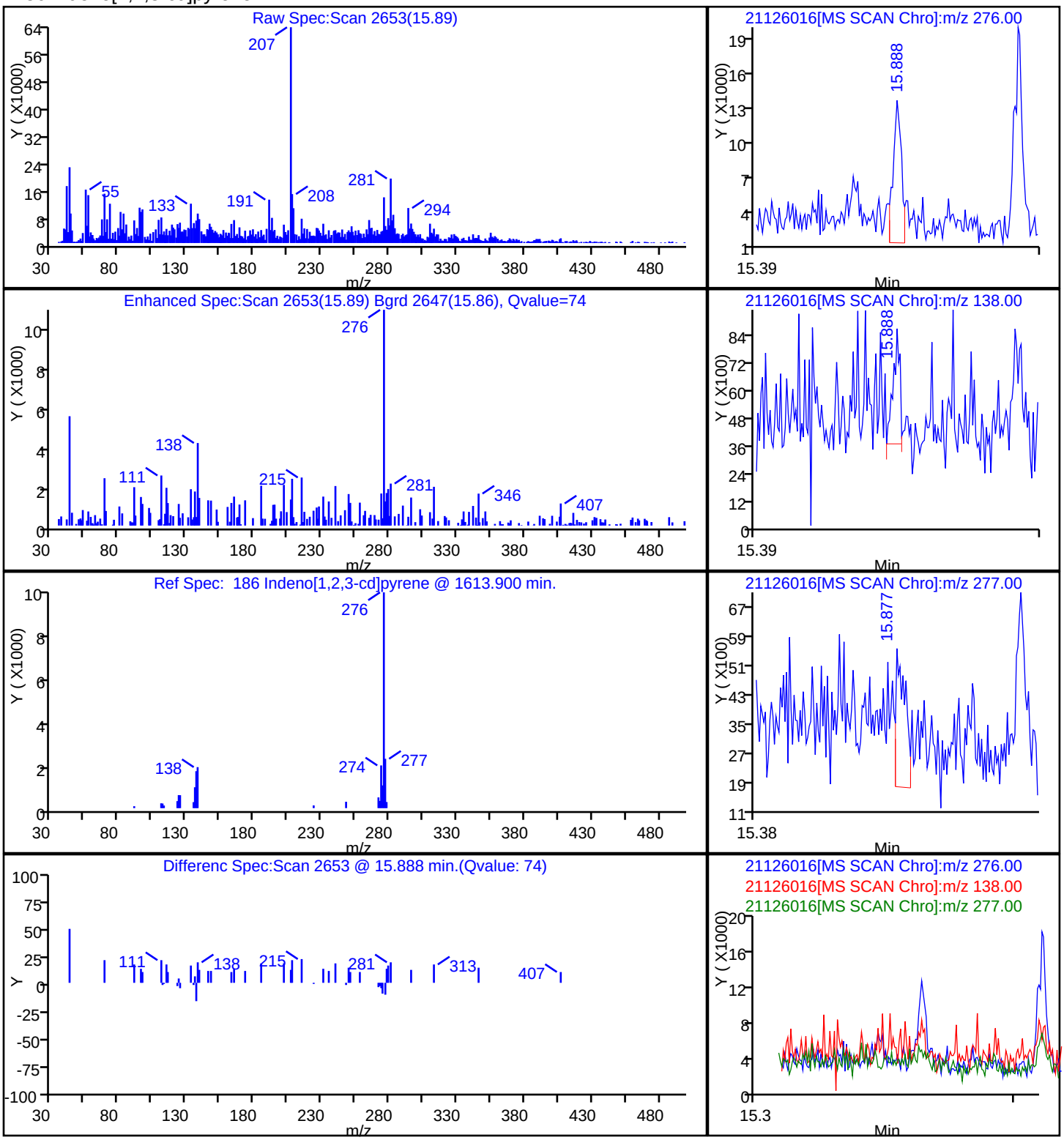


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

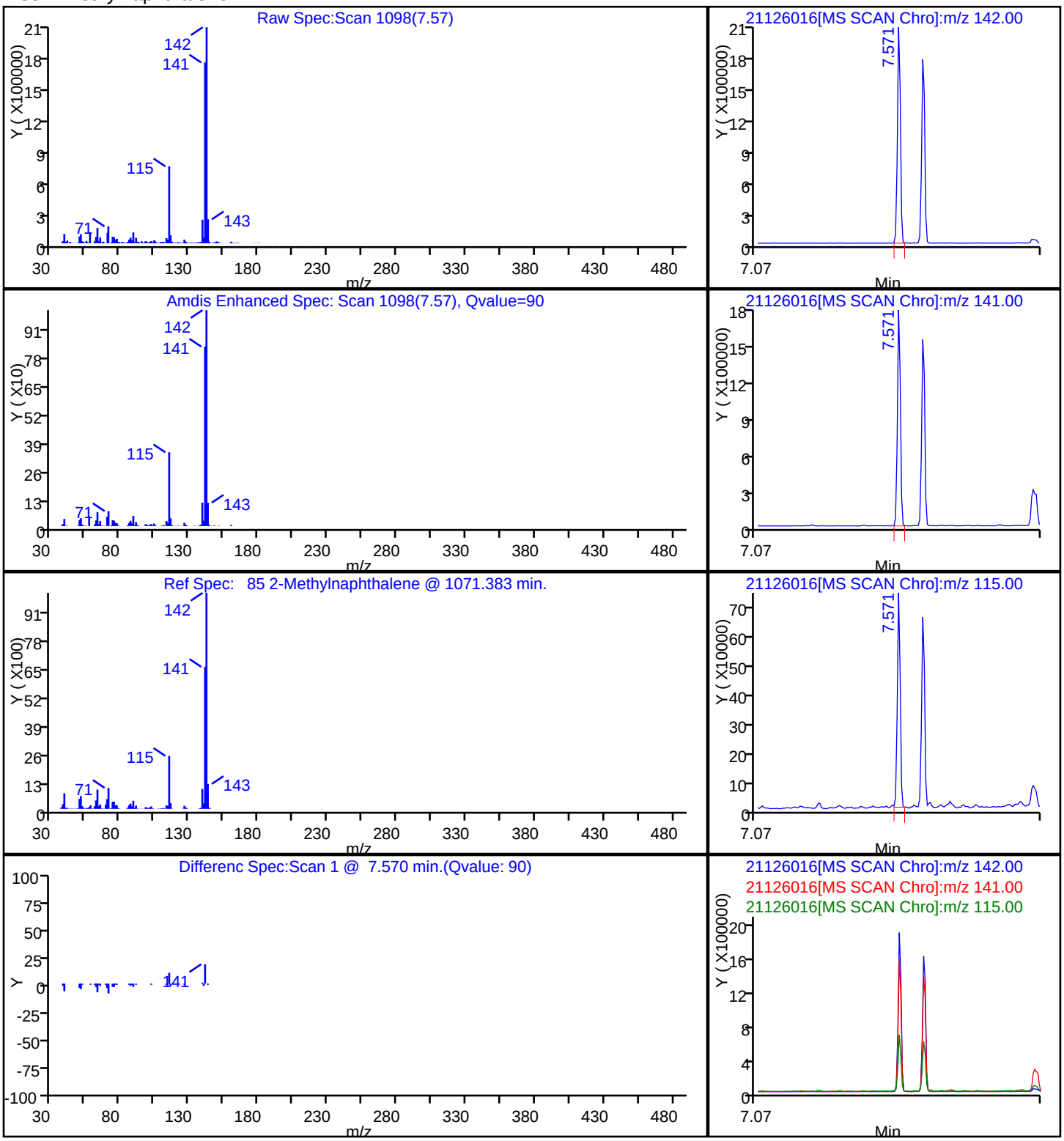


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

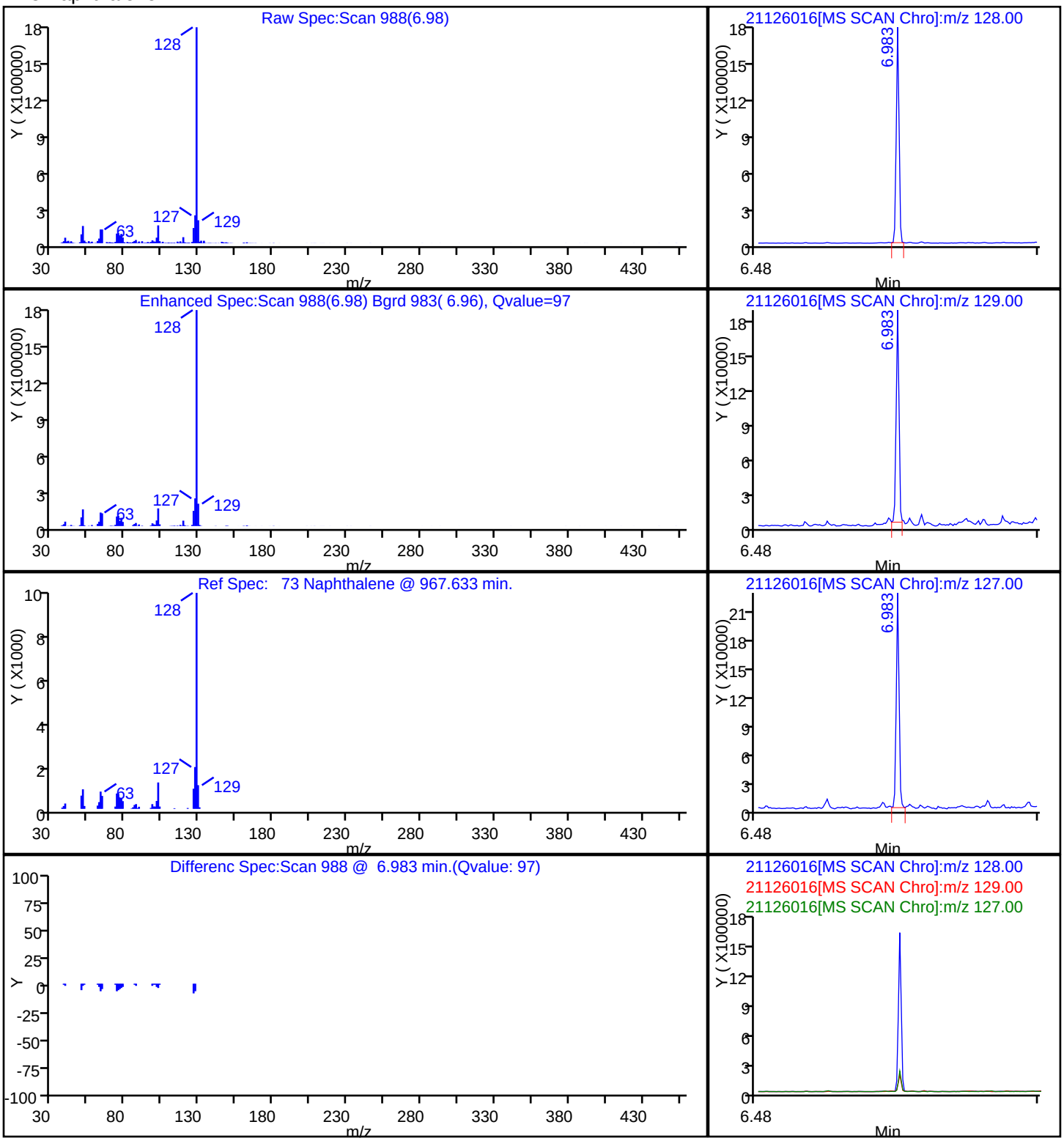


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

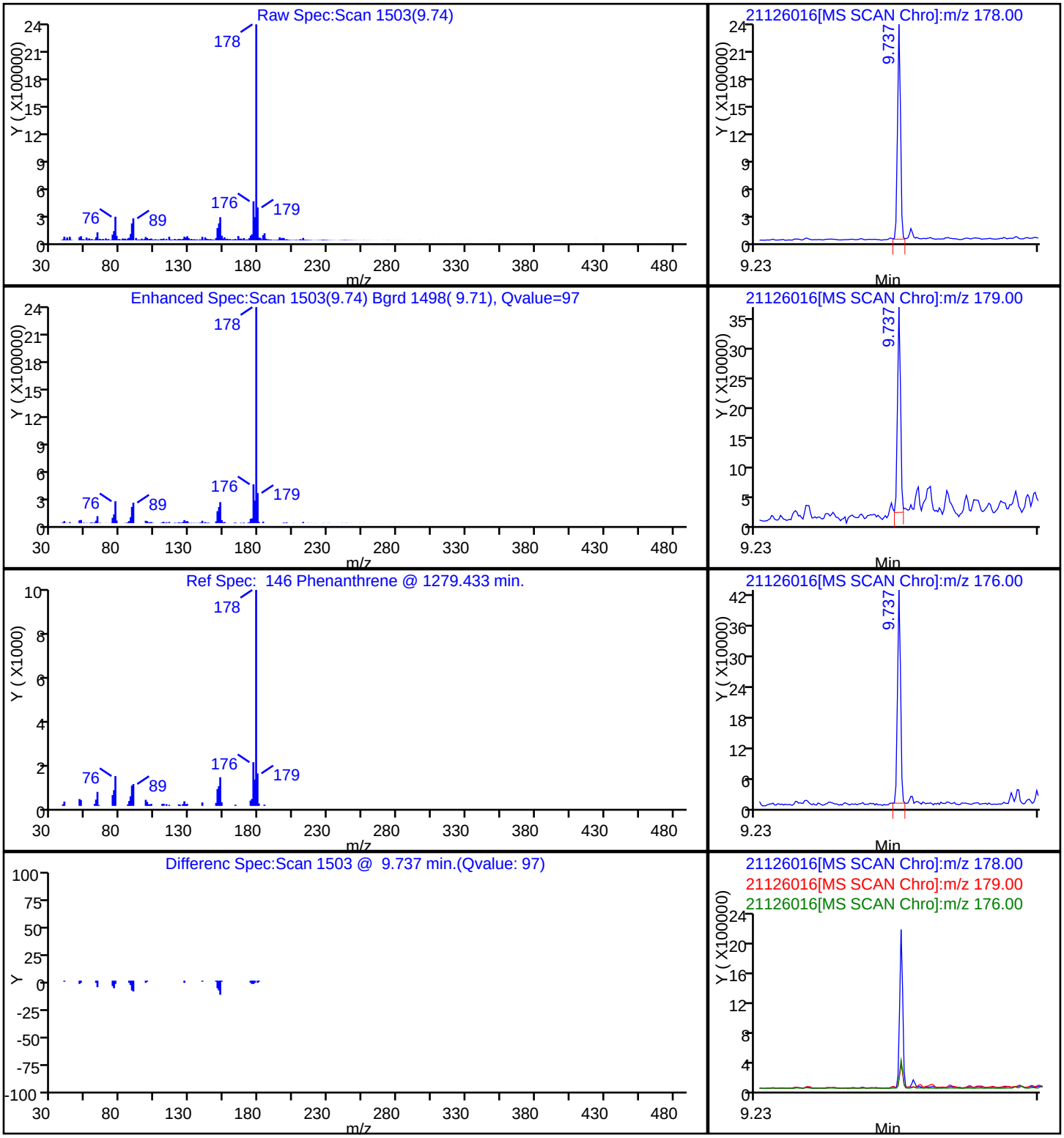


Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



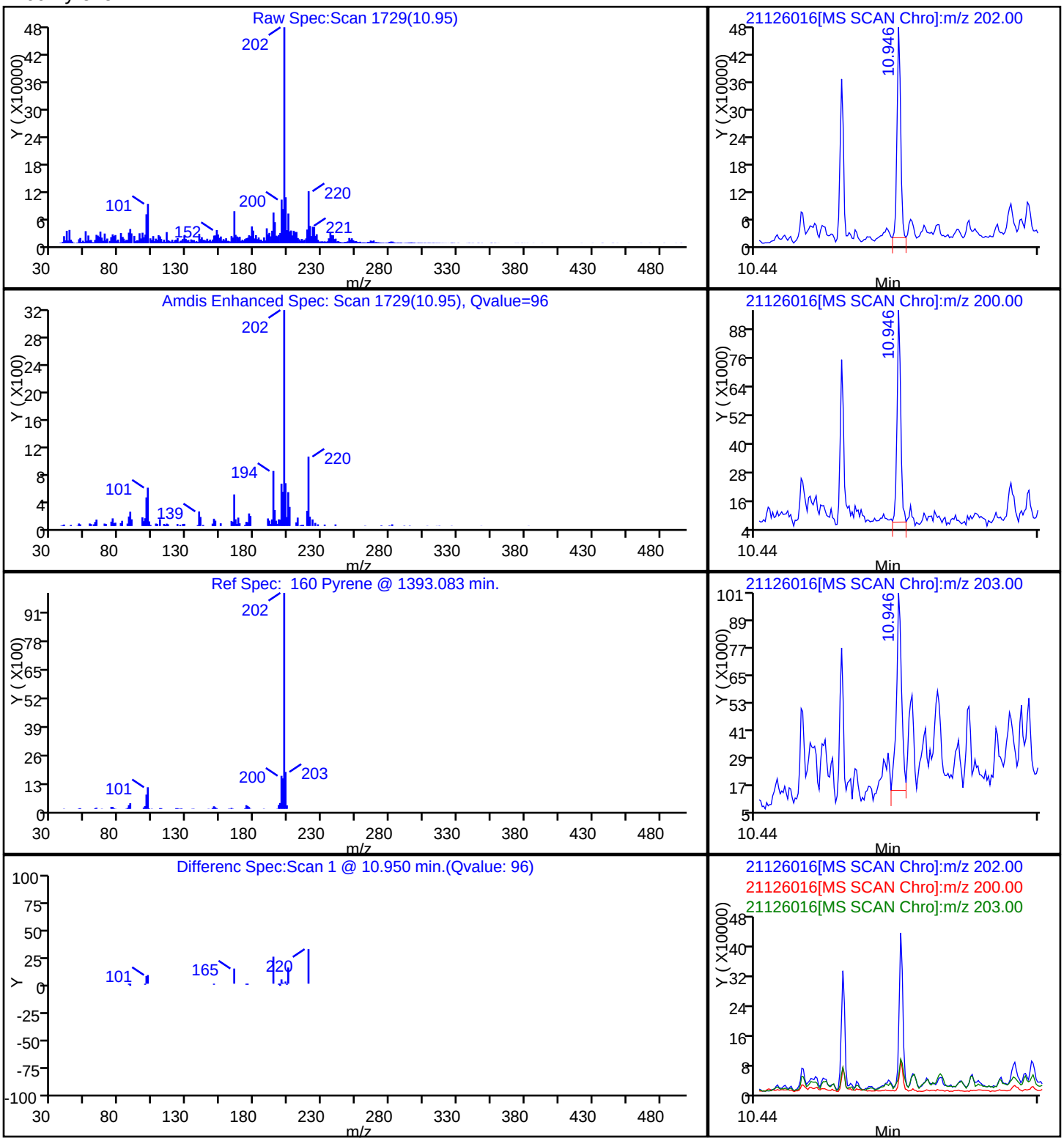
Report Date: 27-Nov-2012 16:01:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D

Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

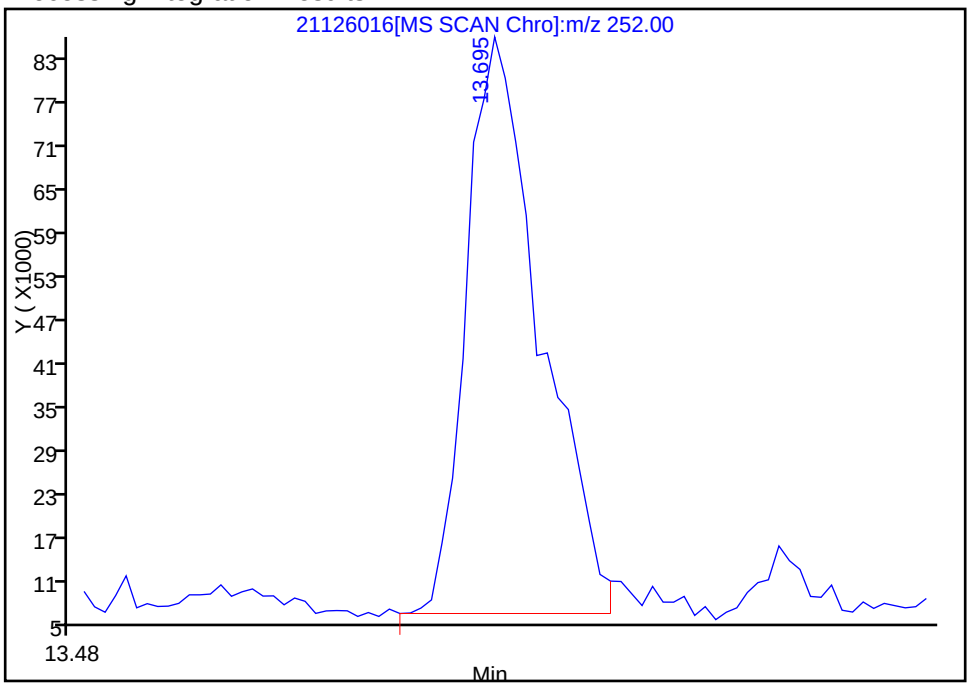
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.68

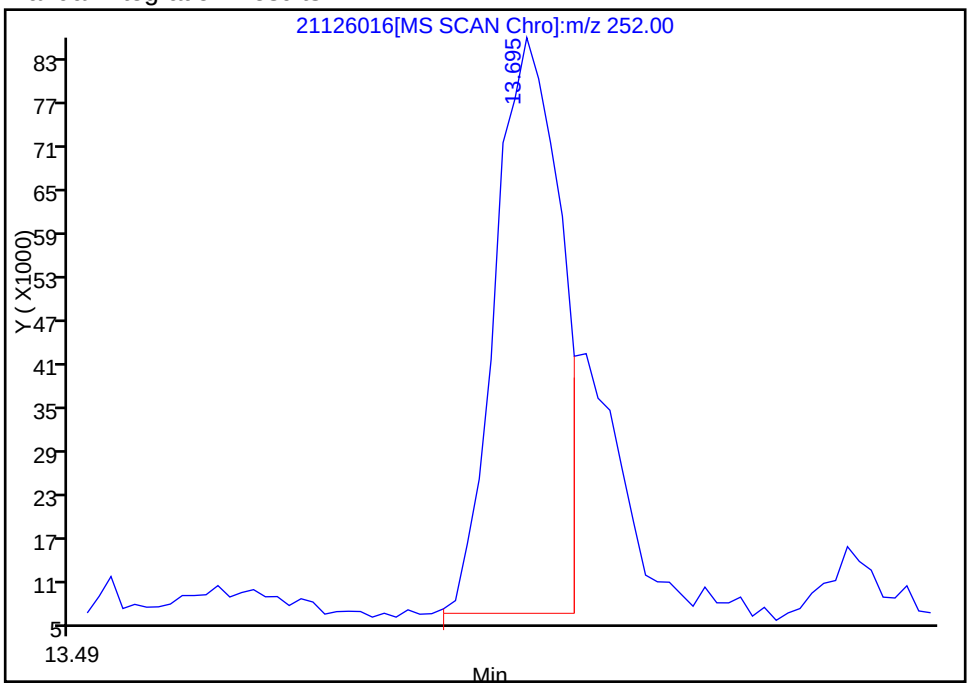
Processing Integration Results

RT: 13.70
Response: 206039
Amount: 1.275650



Manual Integration Results

RT: 13.70
Response: 162067
Amount: 1.003406



Reviewer: gruberj, 27-Nov-2012 15:45:56
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

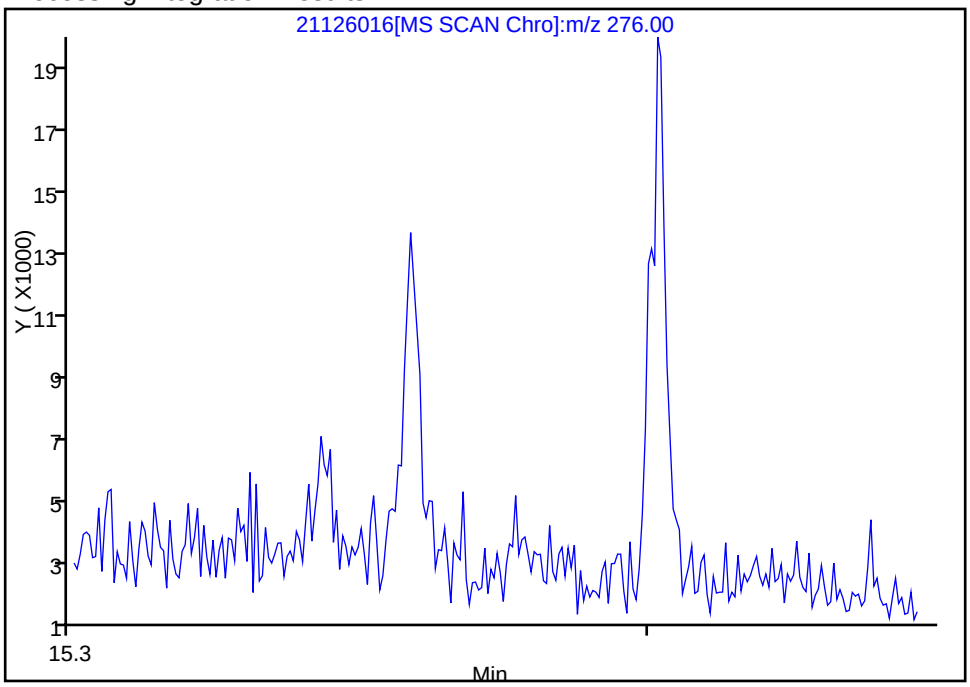
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.31

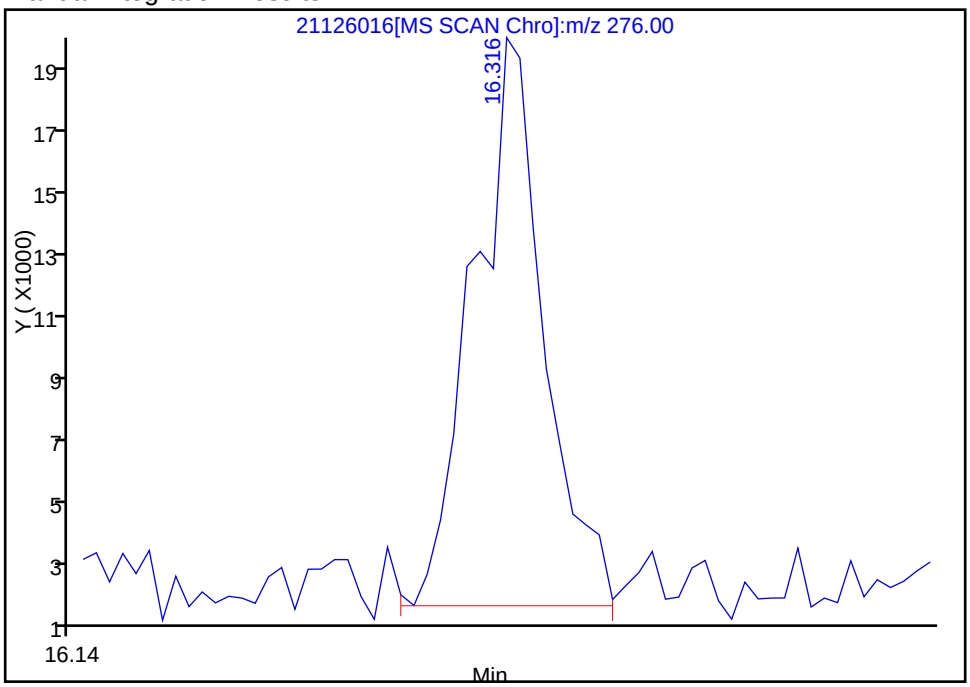
Processing Integration Results

Not Detected
Expected RT: 16.31



Manual Integration Results

RT: 16.32
Response: 33971
Amount: 0.234354



Reviewer: gruberj, 27-Nov-2012 15:45:56
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

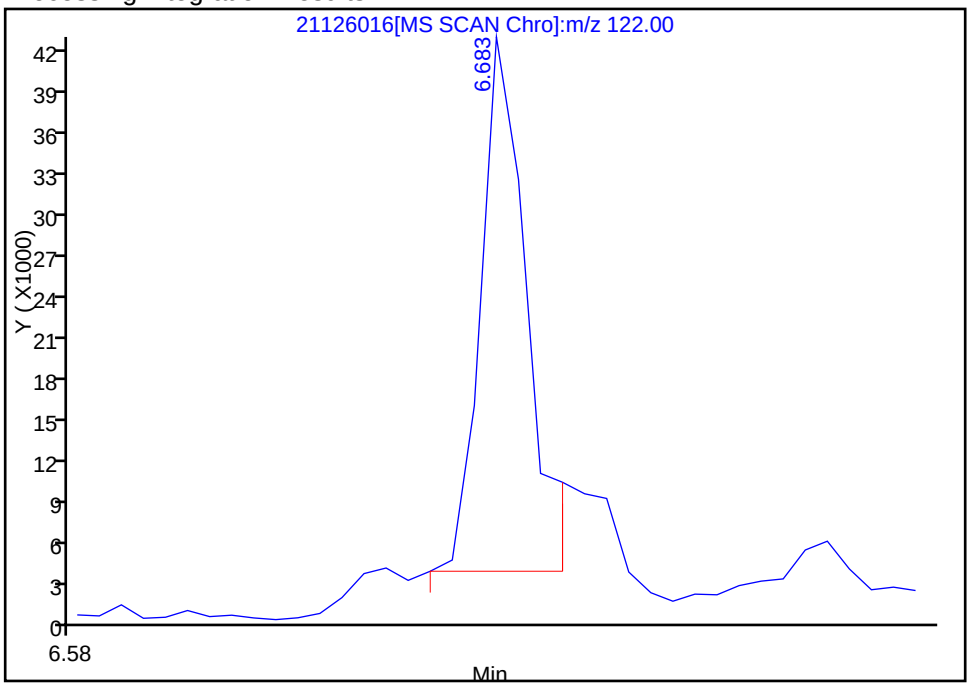
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

69 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.72

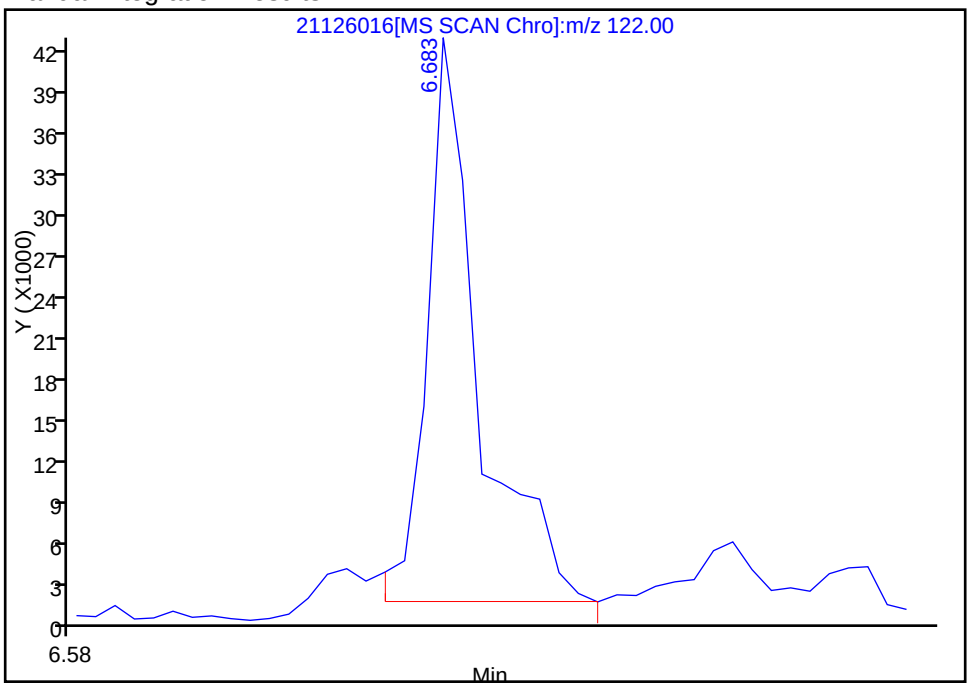
Processing Integration Results

RT: 6.68
Response: 30173
Amount: 2.164883



Manual Integration Results

RT: 6.68
Response: 40780
Amount: 2.419471



Reviewer: gruberj, 27-Nov-2012 15:45:56
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

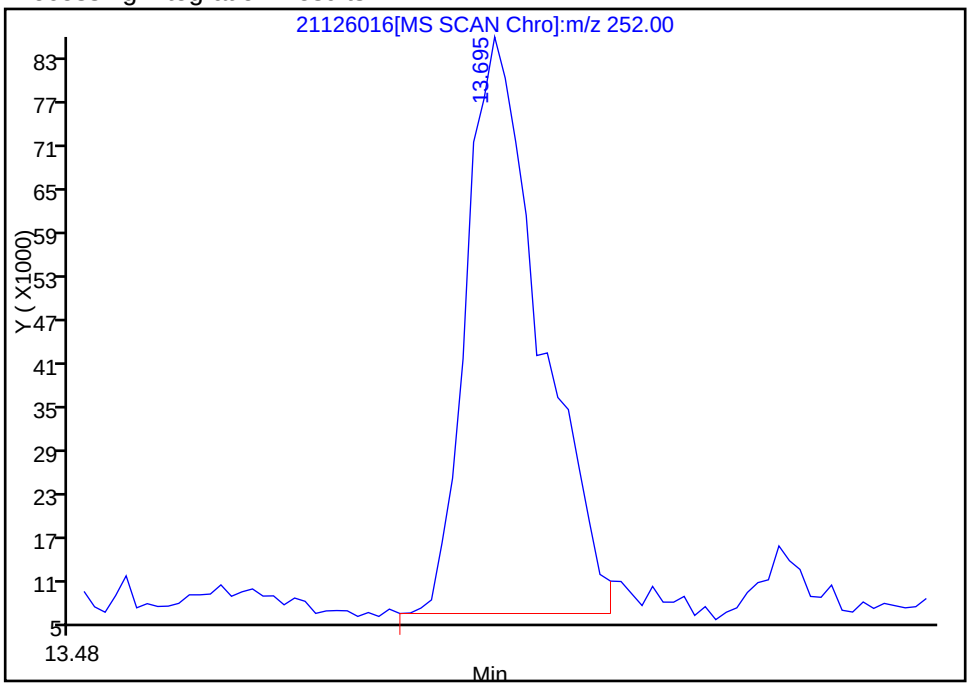
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126016.D		
Injection Date:	26-Nov-2012 15:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

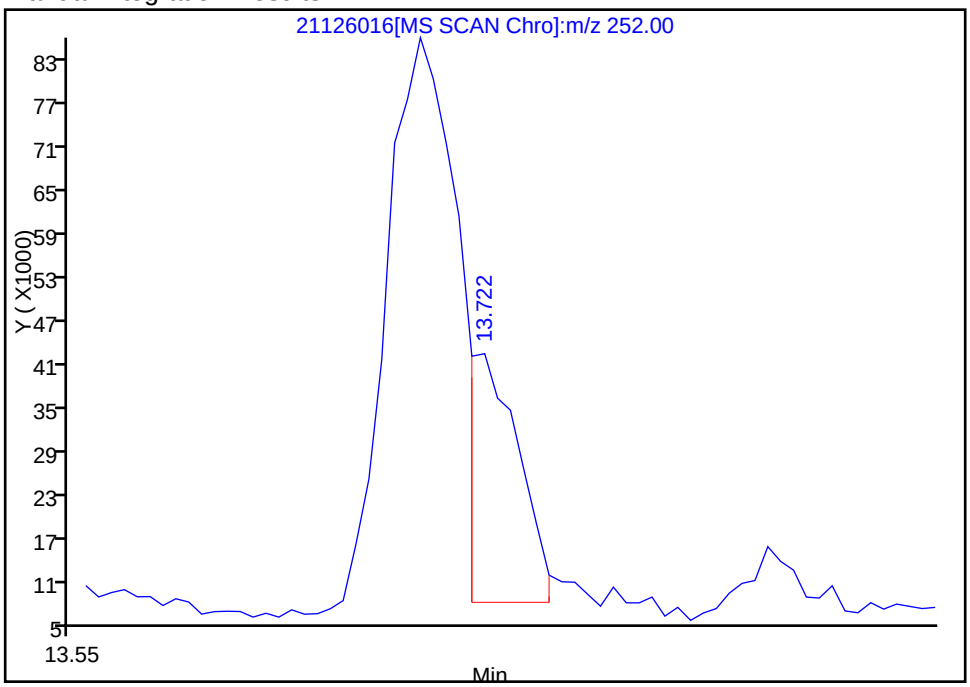
Processing Integration Results

RT: 13.70
Response: 206046
Amount: 1.174002



Manual Integration Results

RT: 13.72
Response: 49700
Amount: 0.283179



Reviewer: gruberj, 27-Nov-2012 15:45:56
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO | Lab Sample ID: 240-17422-9

Matrix: Solid | Lab File ID: 21126009.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.37(g) | Date Analyzed: 11/26/2012 13:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	J	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	16		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	26		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	46		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	16		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	12	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	38	J	49	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	49	27	13
85-68-7	Butyl benzyl phthalate	27	U	49	27	9.9
86-74-8	Carbazole	27	U	49	27	27
106-47-8	4-Chloroaniline	27	U J	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	49	3.3	3.3
95-57-8	2-Chlorophenol	27	U	49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	49	27	13
218-01-9	Chrysene	28		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	49	27	20
95-50-1	1,2-Dichlorobenzene	27	U	49	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U J	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	49	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	49	27	17
84-74-2	Di-n-butyl phthalate	27	U	49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO | Lab Sample ID: 240-17422-9

Matrix: Solid | Lab File ID: 21126009.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.37(g) | Date Analyzed: 11/26/2012 13:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	49	27	27
206-44-0	Fluoranthene	38		6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U J	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	17		6.6	3.3	3.3
78-59-1	Isophorone	27	U	49	27	13
91-57-6	2-Methylnaphthalene	13		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	400	79	20
91-20-3	Naphthalene	11		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U J	200	79	16
100-01-6	4-Nitroaniline	27	U J	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	49	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	49	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	49	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	22		6.6	3.3	3.3
108-95-2	Phenol	27	U	49	27	27
129-00-0	Pyrene	28		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	49	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO | Lab Sample ID: 240-17422-9

Matrix: Solid | Lab File ID: 21126009.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.37(g) | Date Analyzed: 11/26/2012 13:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125
4165-62-2	Phenol-d5 (Surr)	67		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126009.D
Lims ID: 240-17422-A-9-P
Client ID: 068SD-0009-0001-SO
Inject. Date: 26-Nov-2012 13:12:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015260-009
Misc. Info.: 240-17422-a-9-p
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 66246
Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:34:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	151214	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	593003	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	352369	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	619805	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	96	677620	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	95	538428	4.00	
$ 7 2-Fluorophenol	112	4.608	4.565	0.043	91	455302	9.74	
$ 8 Phenol-d5	99	5.496	5.485	0.011	96	594617	10.0	
$ 9 Nitrobenzene-d5	82	6.335	6.330	0.005	87	308574	5.92	
$ 10 2-Fluorobiphenyl (Surr)	172	7.871	7.876	-0.006	99	684357	5.99	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	93	158967	10.9	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	847497	6.75	
41 Phenol	94	5.506	5.501	0.005	88	15438	0.2440	
44 Bis(2-chloroethyl)ether	93		5.592					9
46 2-Chlorophenol	128		5.646					9
47 1,3-Dichlorobenzene	146		5.790					
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	73	15166	0.2771	
49 Benzyl alcohol	108		5.956					9
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					
52 2,2'-oxybis[1-chloropropane]	45		6.073					
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					
63 Isophorone	82	6.555	6.555	0.0	75	17182	0.1817	
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					9
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					9
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128	6.983	6.983	0.0	75	24304	0.1640	
74 4-Chloroaniline	127		7.015					
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					9
85 2-Methylnaphthalene	142	7.571	7.571	0.0	59	18482	0.1950	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					9
91 2,4,5-Trichlorophenol	196		7.833					9
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152		8.341					
108 3-Nitroaniline	138		8.405					
110 Acenaphthene	153		8.486					
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					9
112 2,4-Dinitrotoluene	165		8.598					
114 Dibenzofuran	168		8.630					
119 Diethyl phthalate	149	8.790	8.791	0.0	86	23030	0.2129	
121 4-Chlorophenyl phenyl ether	204		8.908					
124 Fluorene	166		8.919					
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					9
146 Phenanthrene	178	9.737	9.732	0.005	72	56783	0.3353	
147 Anthracene	178	9.775	9.780	-0.005	21	8466	0.0503	
149 Carbazole	167		9.903					
151 Di-n-butyl phthalate	149		10.160					
157 Fluoranthene	202	10.748	10.737	0.011	67	107868	0.5768	
160 Pyrene	202	10.946	10.941	0.005	95	91065	0.4212	
166 Butyl benzyl phthalate	149		11.518					
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	78	48390	0.5803	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	73	44622	0.2360	
176 Chrysene	228	12.251	12.251	0.0	64	76999	0.4272	
178 Di-n-octyl phthalate	149		13.064					9
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	94	119309	0.6946	
181 Benzo[k]fluoranthene	252	13.717	13.722	-0.005	1	33953	0.1819	M
182 Benzo[a]pyrene	252	14.166	14.171	-0.005	61	49295	0.3968	
186 Indeno[1,2,3-cd]pyrene	276	15.872	15.877	-0.005	52	35103	0.2648	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.311	16.305	0.006	35	38064	0.2469	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

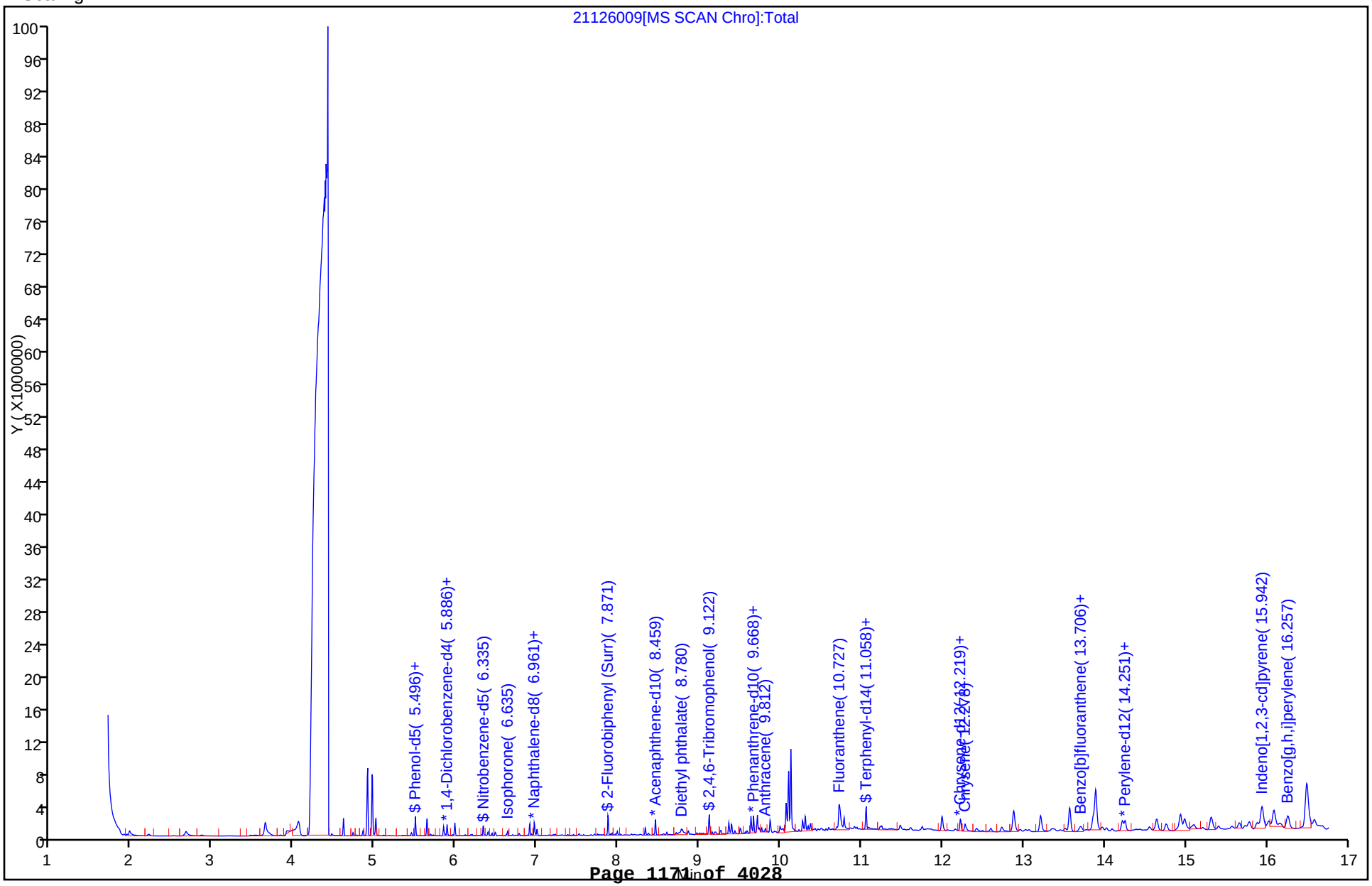
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126009.D		
Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

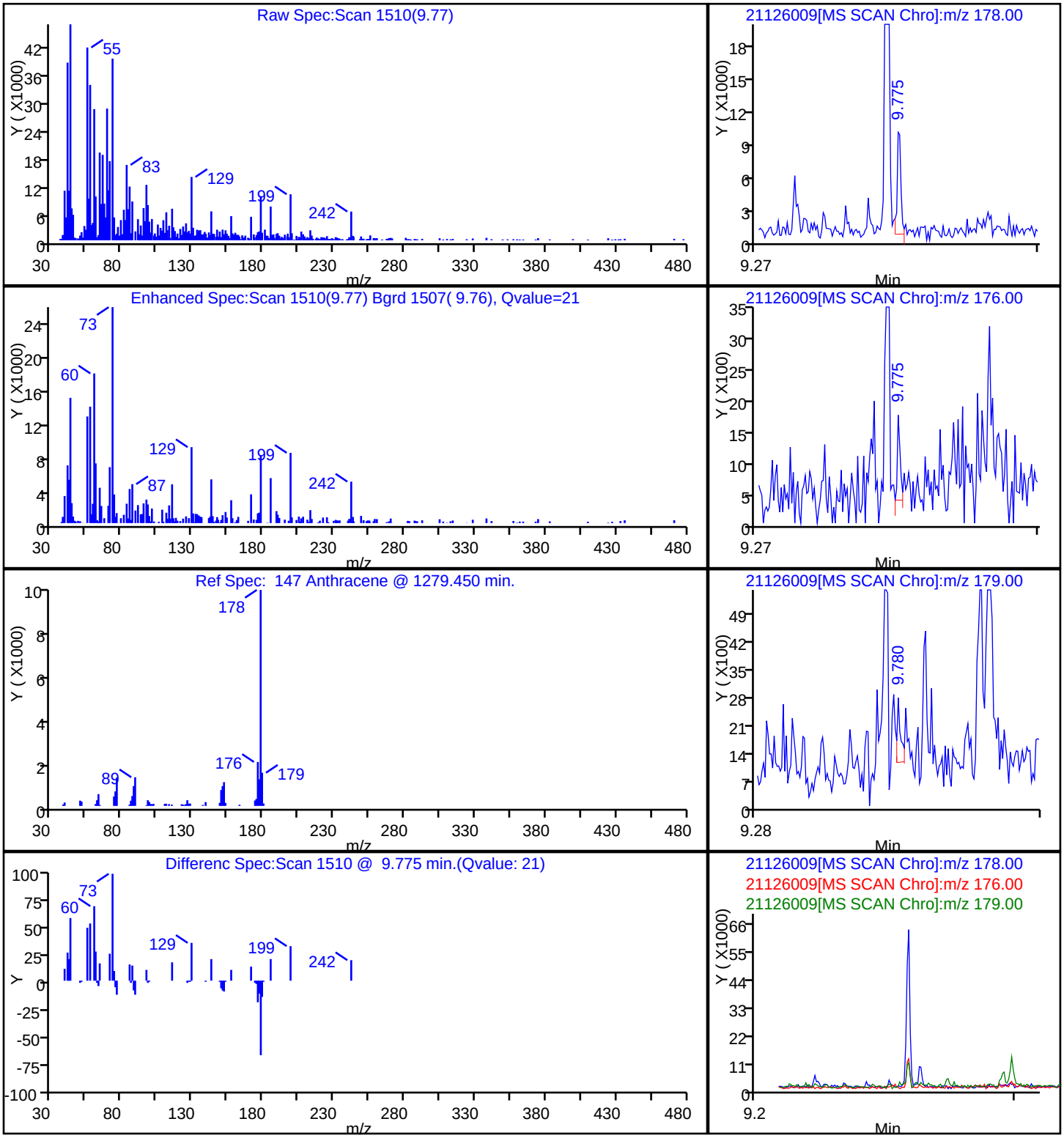


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126009.D		
Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

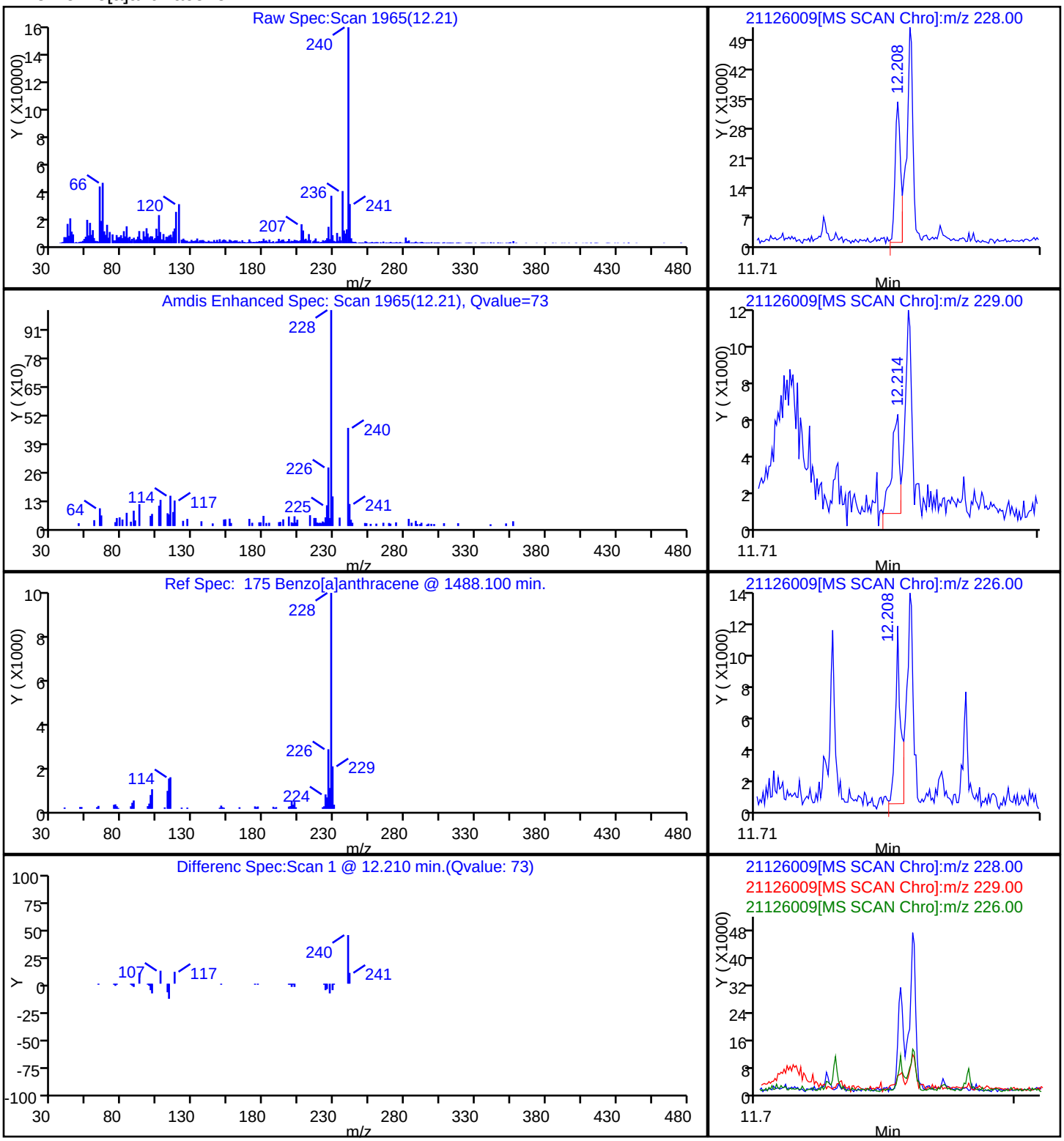


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

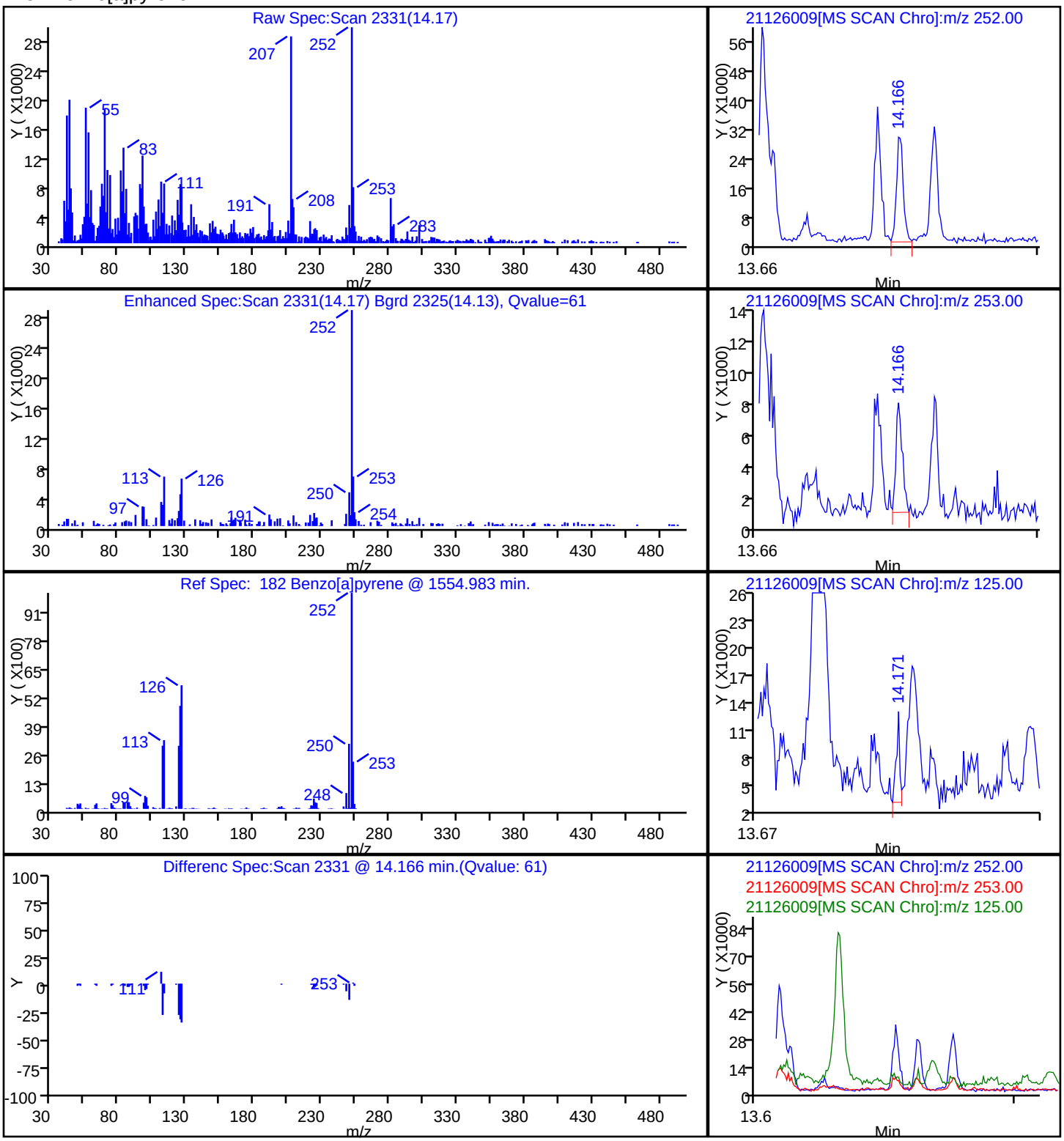


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



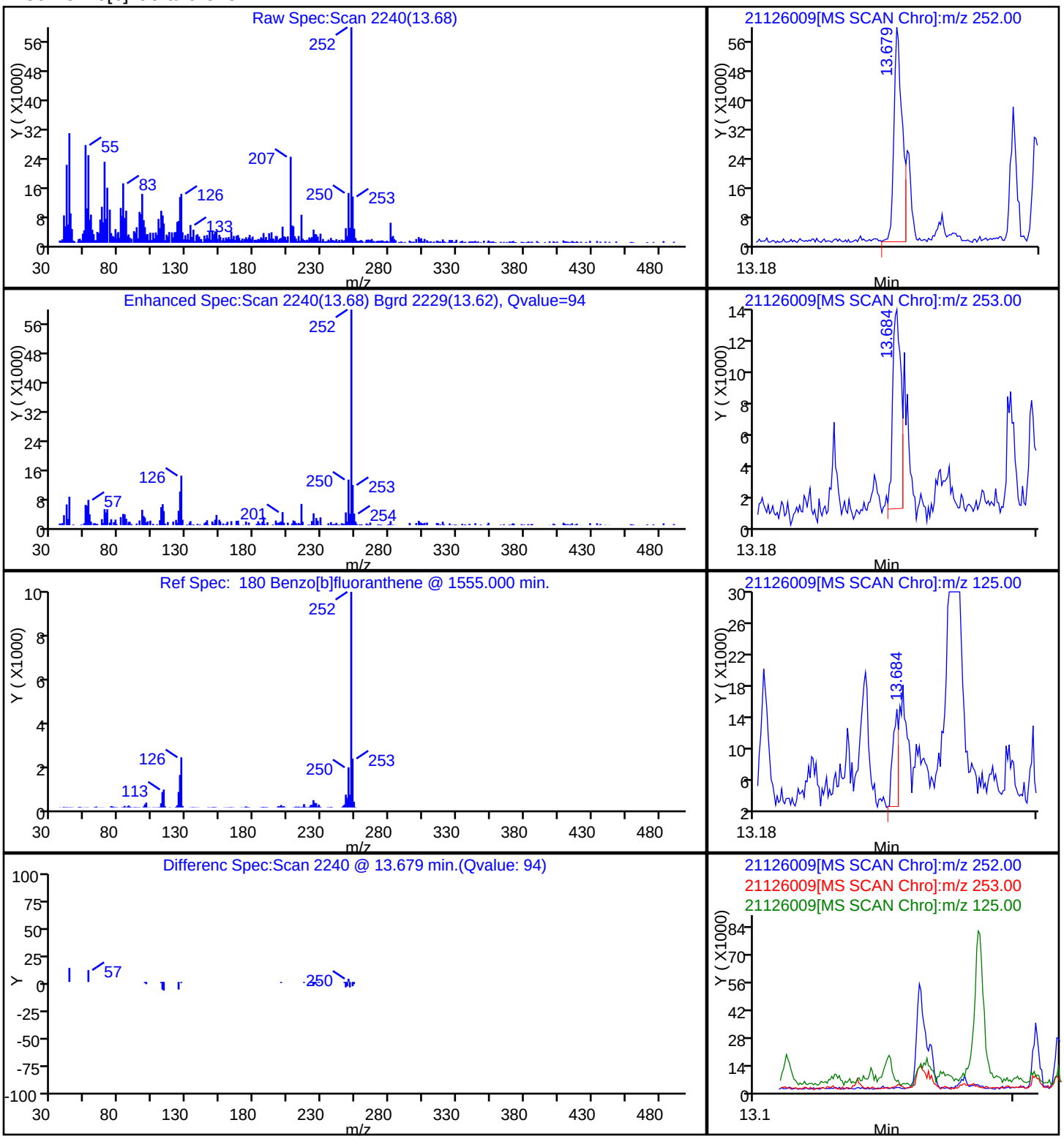
Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

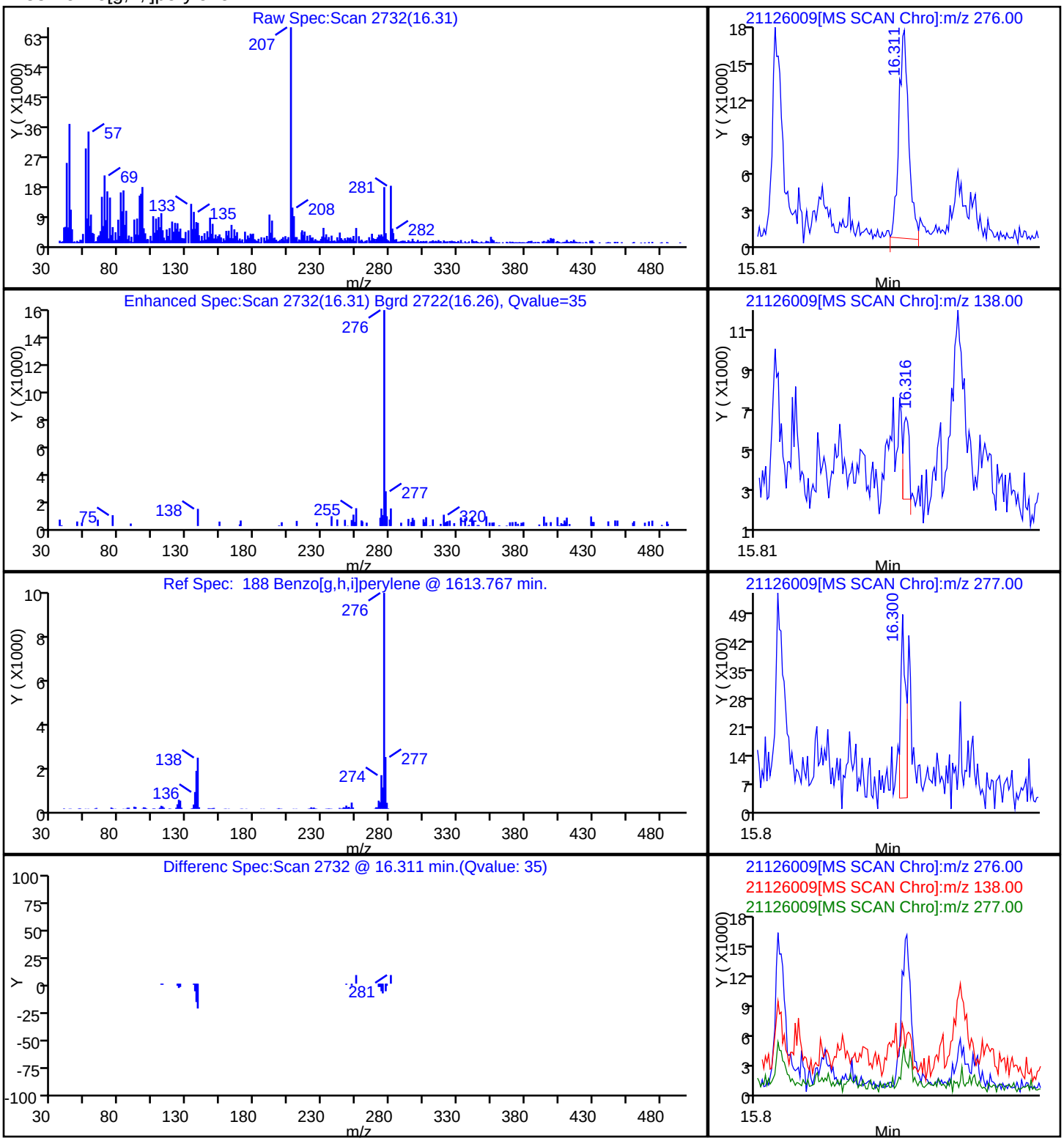


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

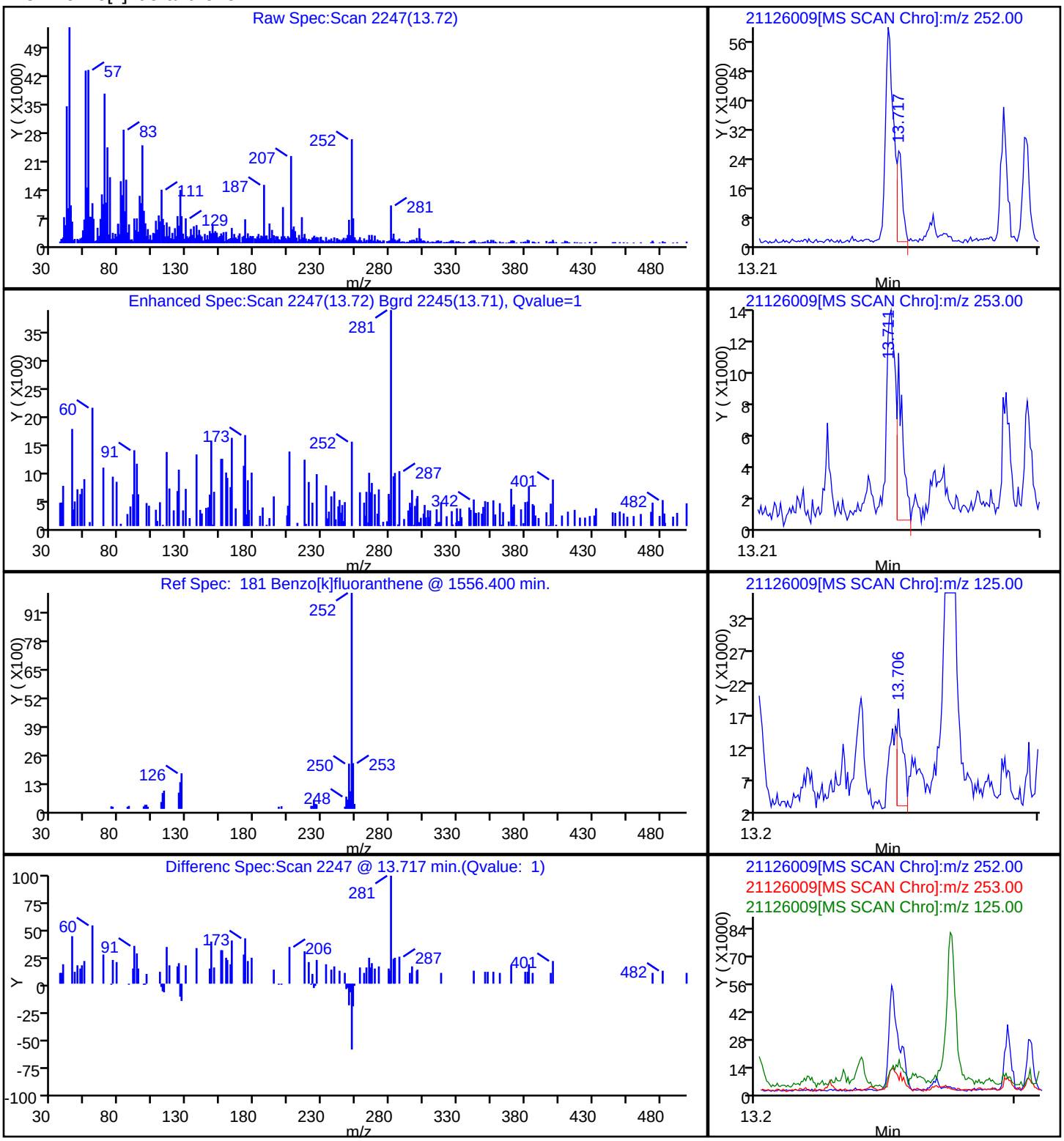


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

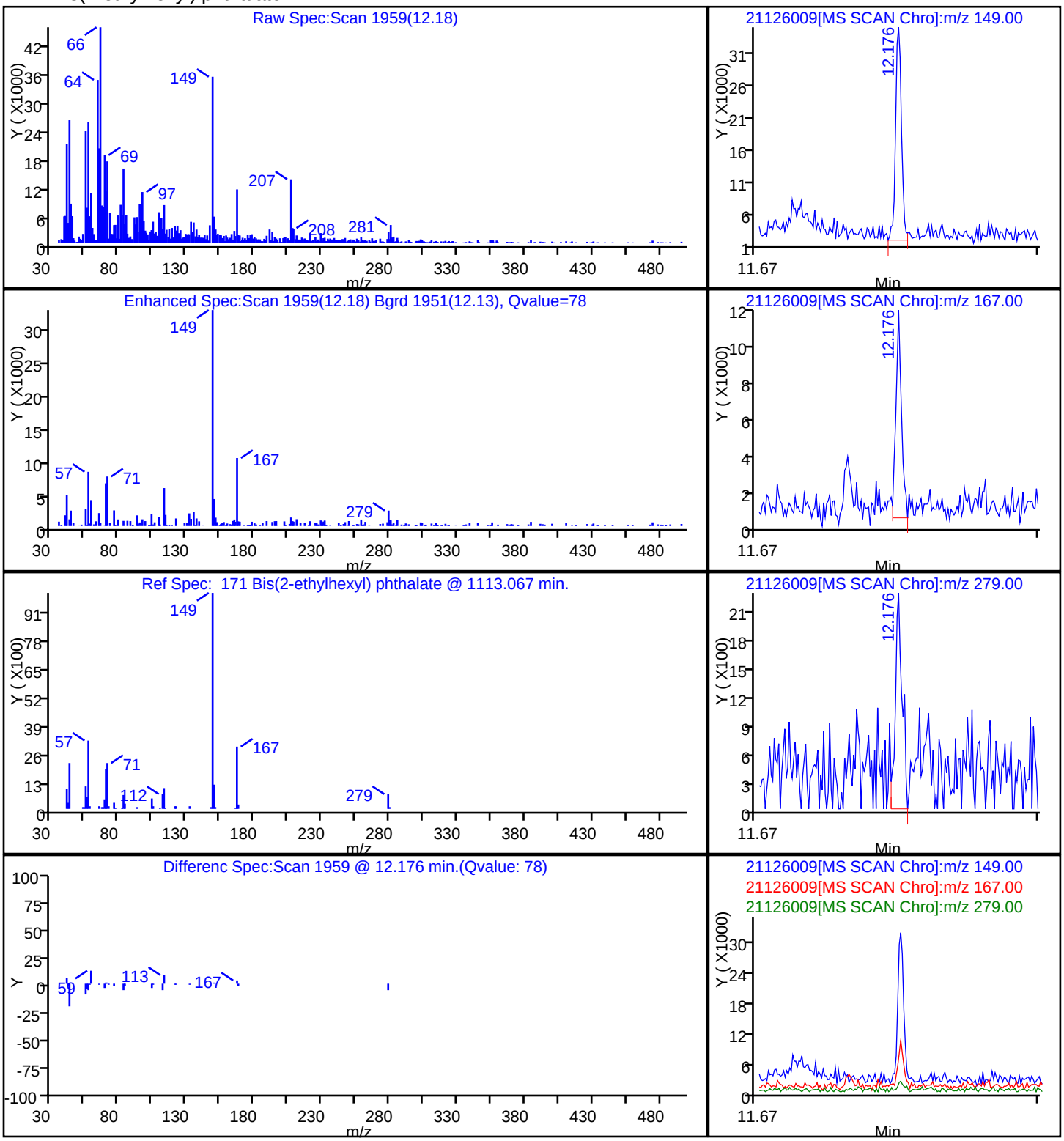


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



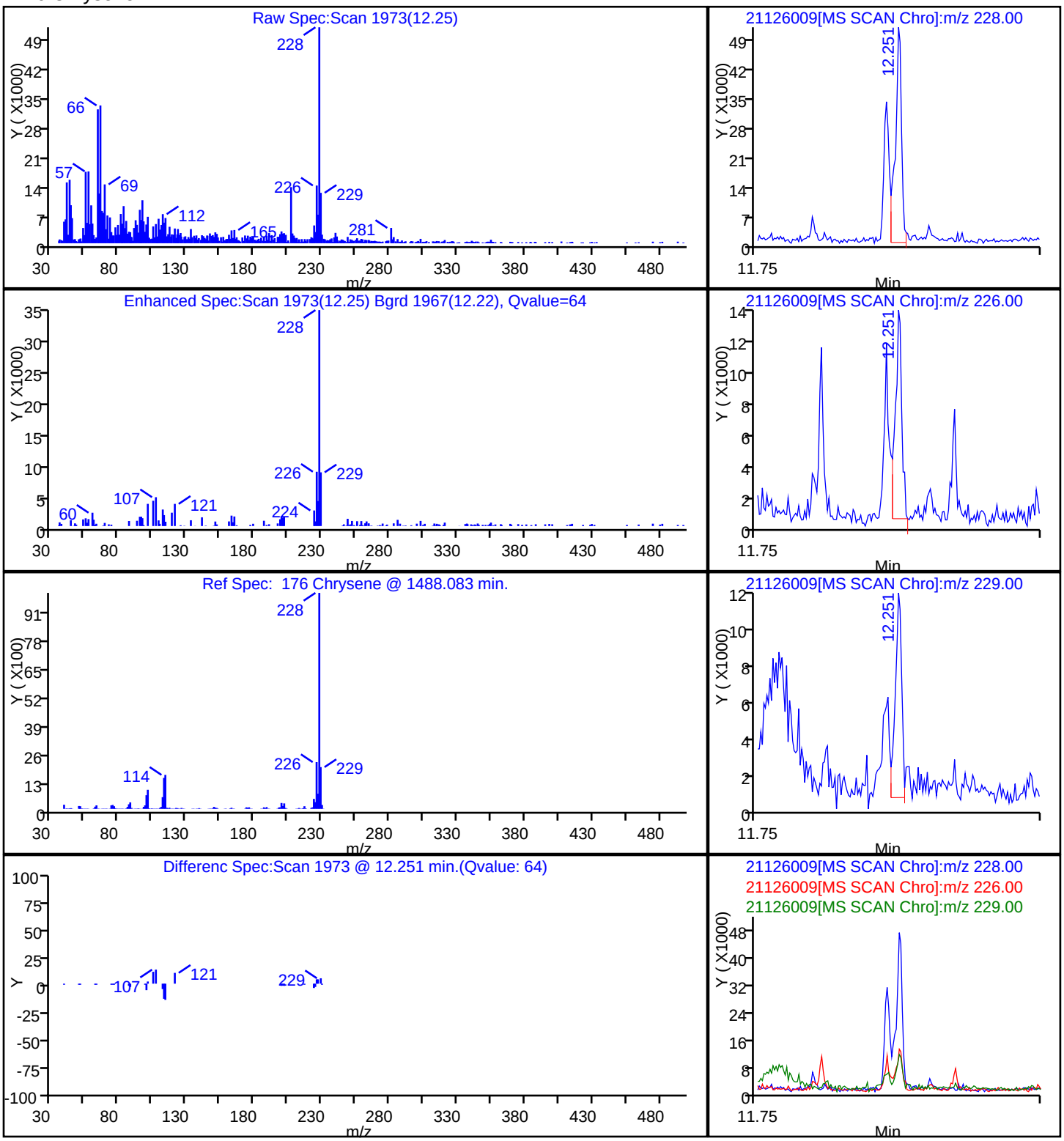
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TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

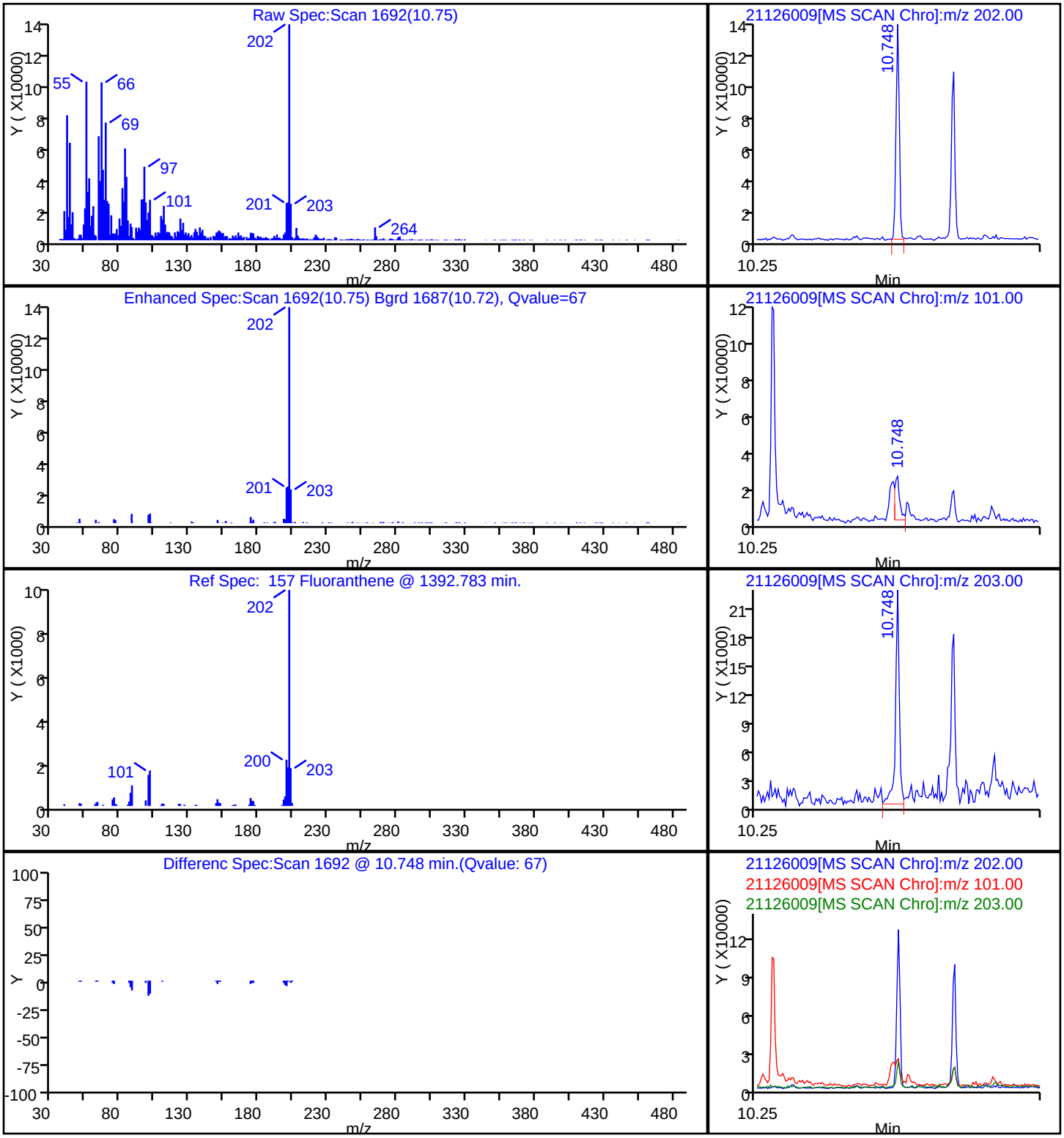


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

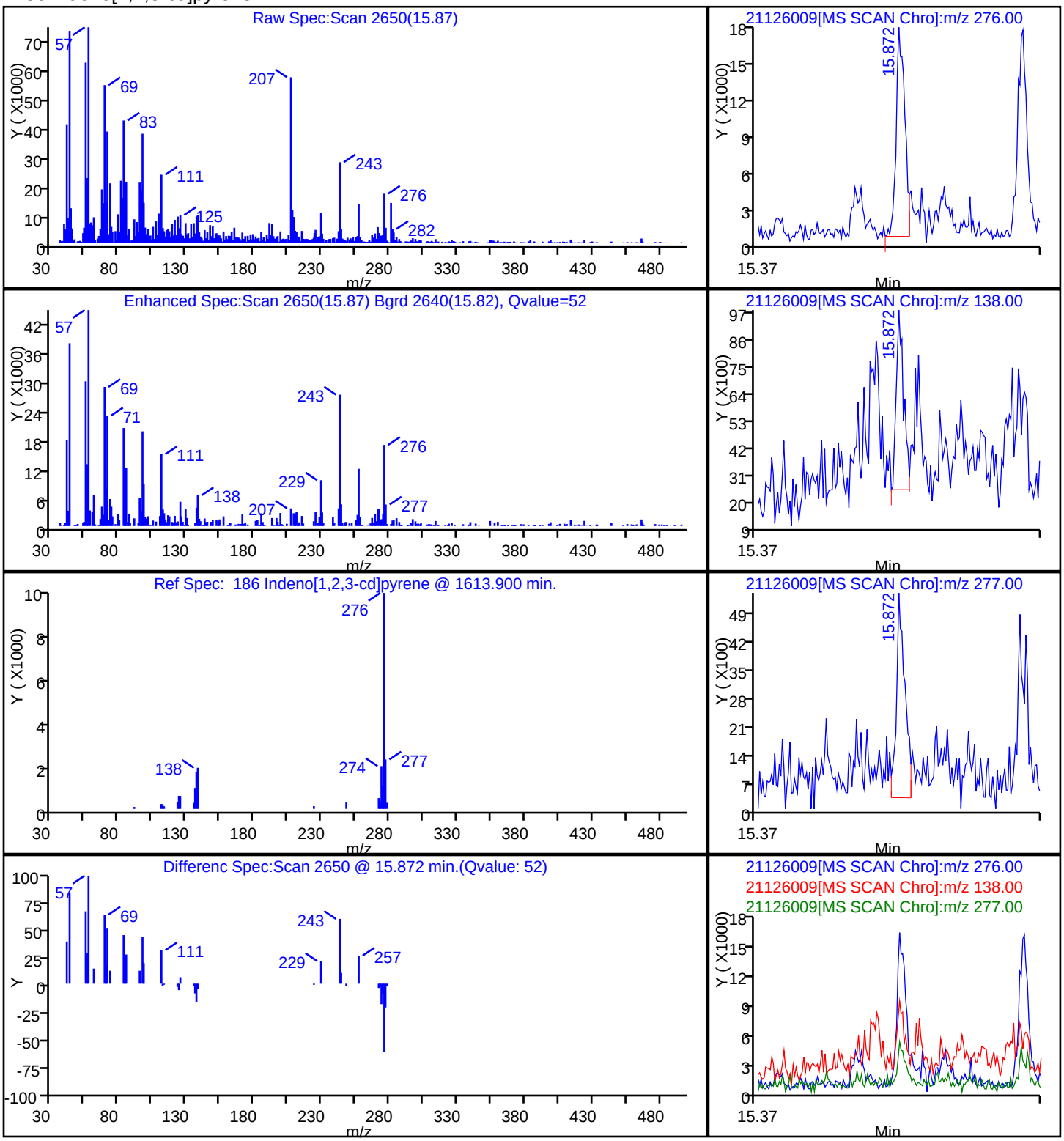


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TestAmerica Canton

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Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

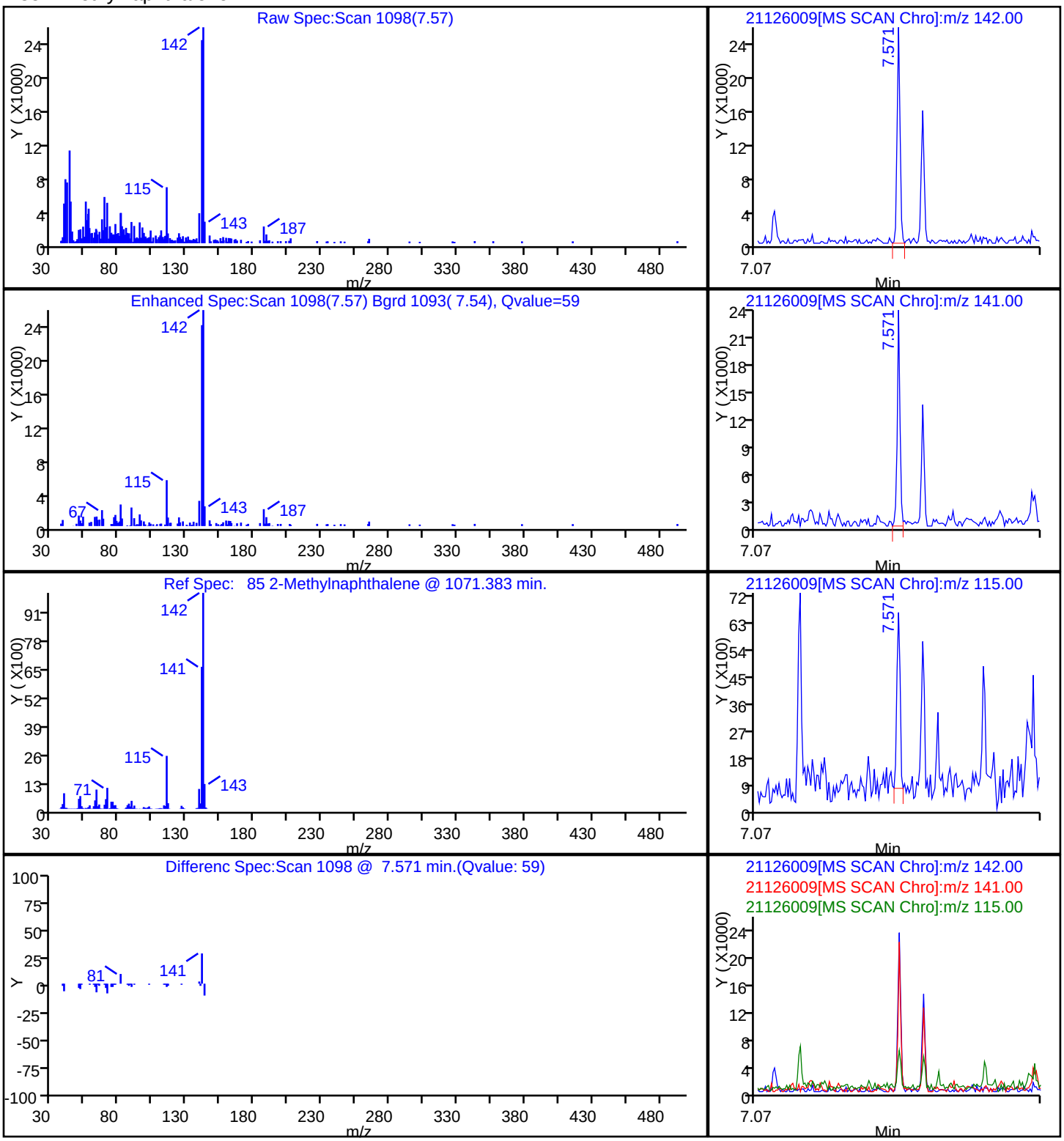


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

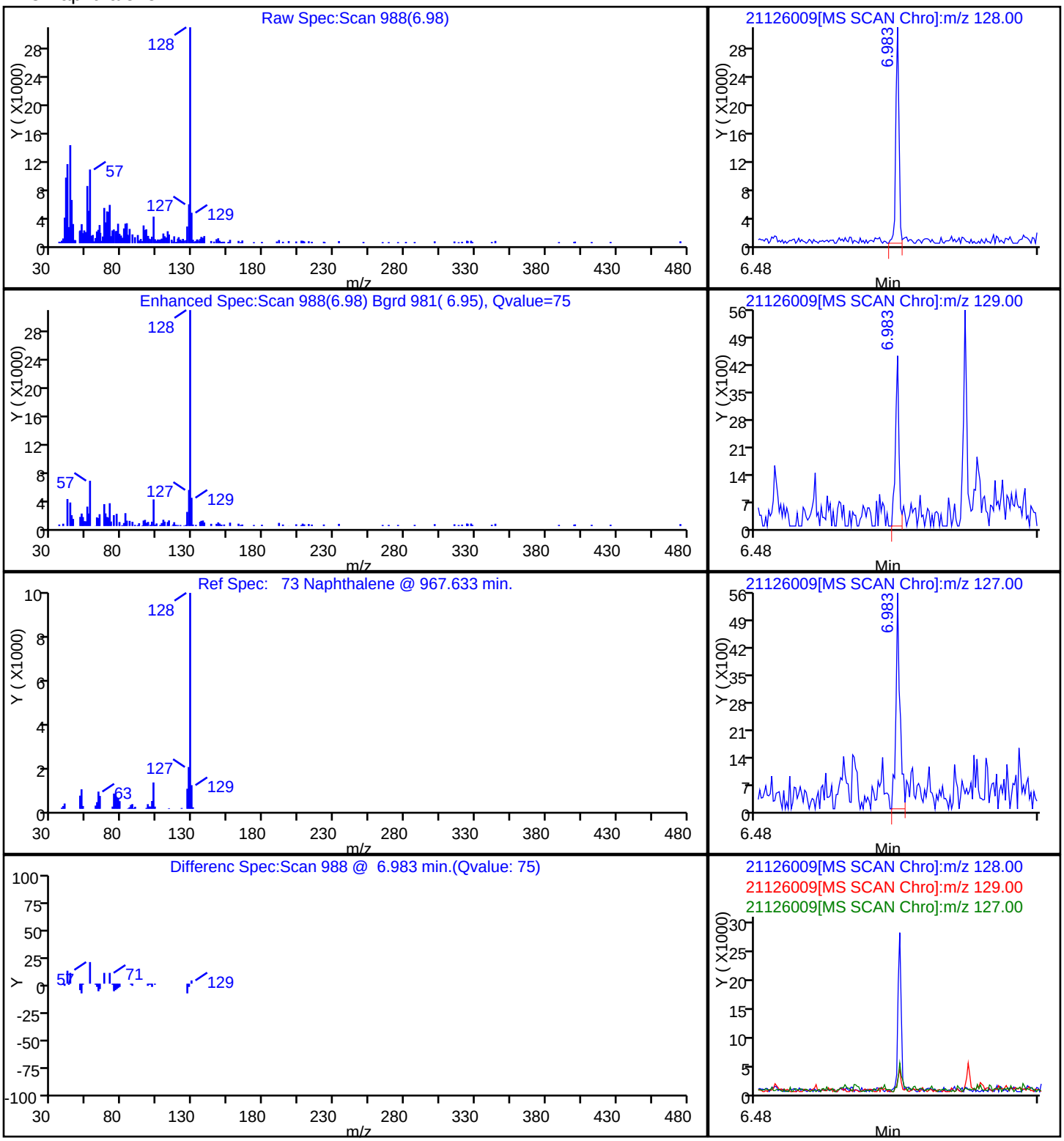


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126009.D		
Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



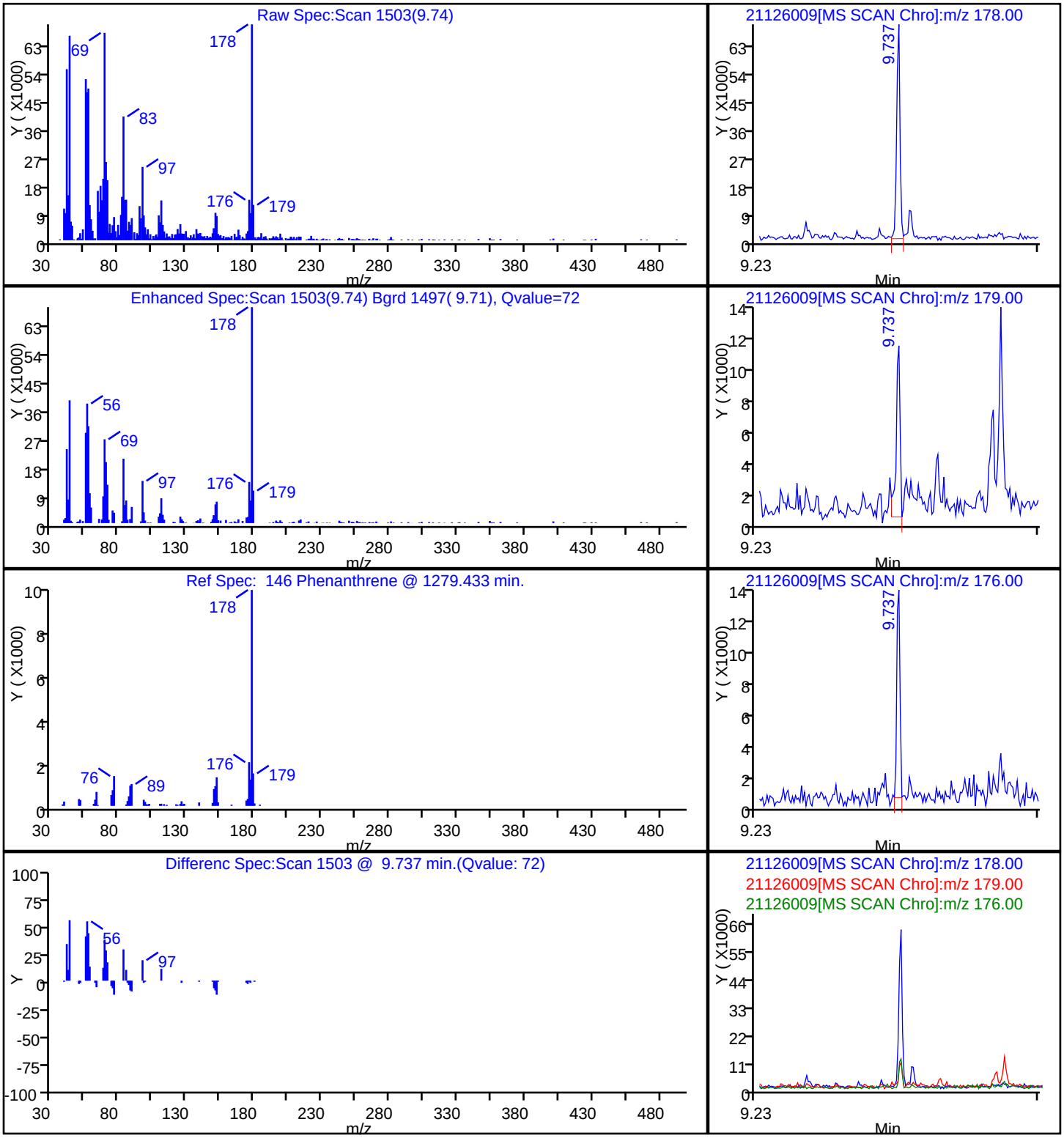
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TestAmerica Canton

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Injection Date:	26-Nov-2012 13:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

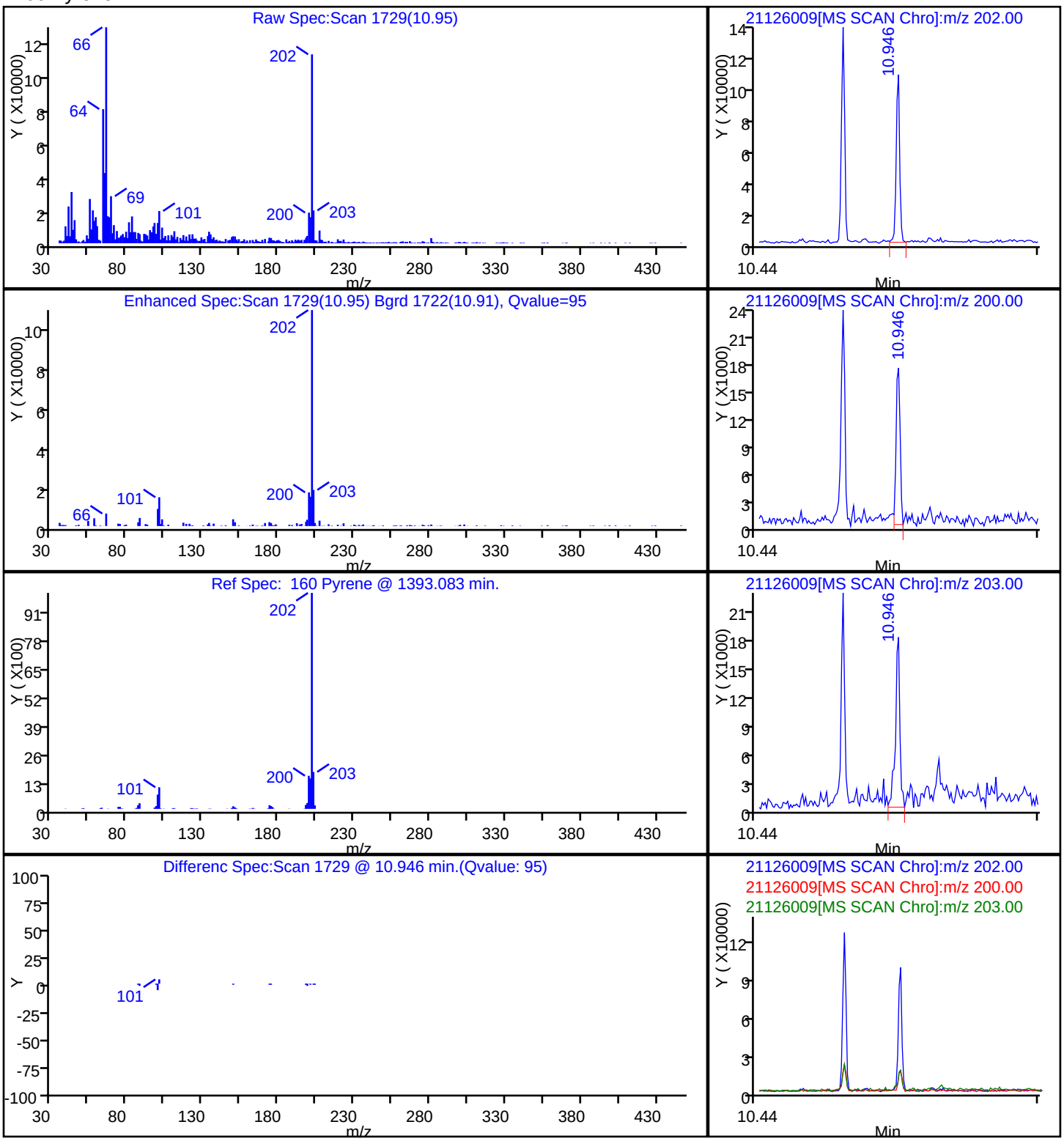


Report Date: 27-Nov-2012 16:01:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

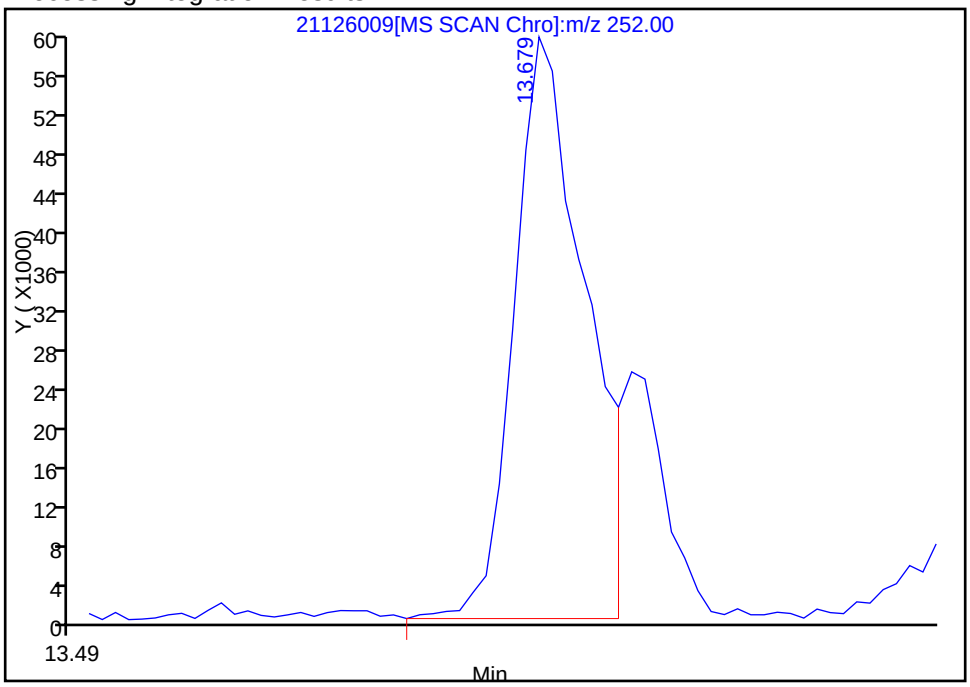
TestAmerica Canton

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Client ID:	068SD-0009-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

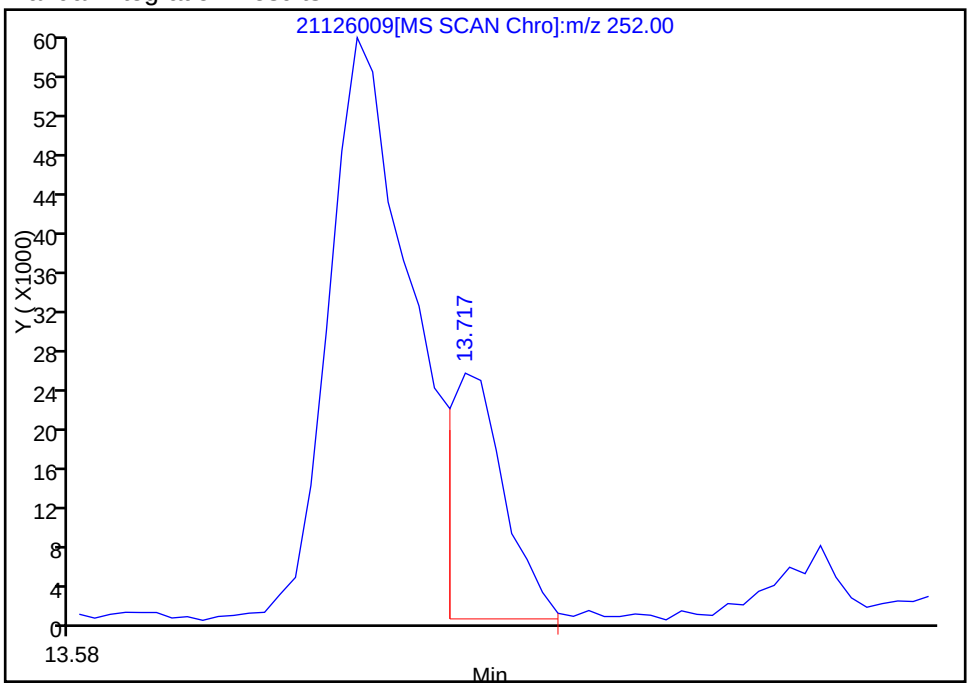
Processing Integration Results

RT: 13.68
Response: 119309
Amount: 0.639248



Manual Integration Results

RT: 13.72
Response: 33953
Amount: 0.181917



Reviewer: gruberj, 27-Nov-2012 15:34:11
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00010-0001-SO | Lab Sample ID: 240-17422-10

Matrix: Solid | Lab File ID: 21126012.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.78(g) | Date Analyzed: 11/26/2012 14:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.4	J	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	18		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	27		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	51		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	16		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	11	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	48	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	36		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	4.7	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	20	J	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00010-0001-SO | Lab Sample ID: 240-17422-10

Matrix: Solid | Lab File ID: 21126012.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.78(g) | Date Analyzed: 11/26/2012 14:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	50		6.7	3.3	3.3
86-73-7	Fluorene	3.8	J	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	20		6.7	3.3	3.3
78-59-1	Isophorone	14	J	50	27	13
91-57-6	2-Methylnaphthalene	14		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	15		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	25		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	35		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00010-0001-SO | Lab Sample ID: 240-17422-10

Matrix: Solid | Lab File ID: 21126012.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.78(g) | Date Analyzed: 11/26/2012 14:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	69		45-105
367-12-4	2-Fluorophenol (Surr)	79		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	77		35-100
1718-51-0	Terphenyl-d14 (Surr)	77		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	84		35-125
4165-62-2	Phenol-d5 (Surr)	80		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D
Lims ID: 240-17422-A-10-E
Client ID: 068SD-00010-0001-SO
Inject. Date: 26-Nov-2012 14:22:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015260-012
Misc. Info.: 240-17422-a-10-e
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 66246
Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:38:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	91	147024	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	557642	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	335754	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	97	578549	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	96	623332	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	96	530410	4.00	
$ 7 2-Fluorophenol	112	4.608	4.565	0.043	92	536386	11.8	
$ 8 Phenol-d5	99	5.496	5.485	0.011	96	694177	12.0	
$ 9 Nitrobenzene-d5	82	6.335	6.330	0.005	87	375772	7.66	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	748233	6.87	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	174105	12.5	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	892044	7.73	
41 Phenol	94		5.501					2
44 Bis(2-chloroethyl)ether	93		5.592					
46 2-Chlorophenol	128		5.646					9
47 1,3-Dichlorobenzene	146		5.790					
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	74	16015	0.3010	
49 Benzyl alcohol	108		5.956					9
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					9
52 2,2'-oxybis[1-chloropropane]	45		6.073					
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					9
63 Isophorone	82	6.555	6.555	0.0	75	18402	0.2069	
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					9
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					9
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128	6.983	6.983	0.0	54	31582	0.2267	
74 4-Chloroaniline	127		7.015					9
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					9
85 2-Methylnaphthalene	142	7.571	7.571	0.0	81	19080	0.2141	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					9
91 2,4,5-Trichlorophenol	196		7.833					9
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152		8.341					9
108 3-Nitroaniline	138		8.405					9
110 Acenaphthene	153		8.486					
109 2,4-Dinitrophenol	184		8.491					9
111 4-Nitrophenol	109		8.528					9
112 2,4-Dinitrotoluene	165		8.598					
114 Dibenzofuran	168	8.630	8.630	0.0	56	9660	0.0707	
119 Diethyl phthalate	149	8.790	8.791	0.0	79	19451	0.1887	
121 4-Chlorophenyl phenyl ether	204		8.908					9
124 Fluorene	166	8.919	8.919	0.0	65	6172	0.0562	
123 4-Nitroaniline	138		8.919					9
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					
146 Phenanthrene	178	9.737	9.732	0.005	84	57710	0.3651	
147 Anthracene	178	9.775	9.780	-0.005	38	8015	0.0510	
149 Carbazole	167		9.903					
151 Di-n-butyl phthalate	149		10.160					
157 Fluoranthene	202	10.743	10.737	0.006	78	129218	0.7403	
160 Pyrene	202	10.946	10.941	0.005	97	104606	0.5259	
166 Butyl benzyl phthalate	149		11.518					
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	70	60184	0.7168	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	59	45877	0.2637	
176 Chrysene	228	12.256	12.251	0.005	76	89907	0.5423	
178 Di-n-octyl phthalate	149		13.064					9
180 Benzo[b]fluoranthene	252	13.690	13.679	0.011	87	129156	0.7633	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	94	29437	0.1601	M
182 Benzo[a]pyrene	252	14.171	14.171	0.0	57	49260	0.4009	
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	65	39741	0.2921	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.316	16.305	0.011	35	35152	0.2315	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

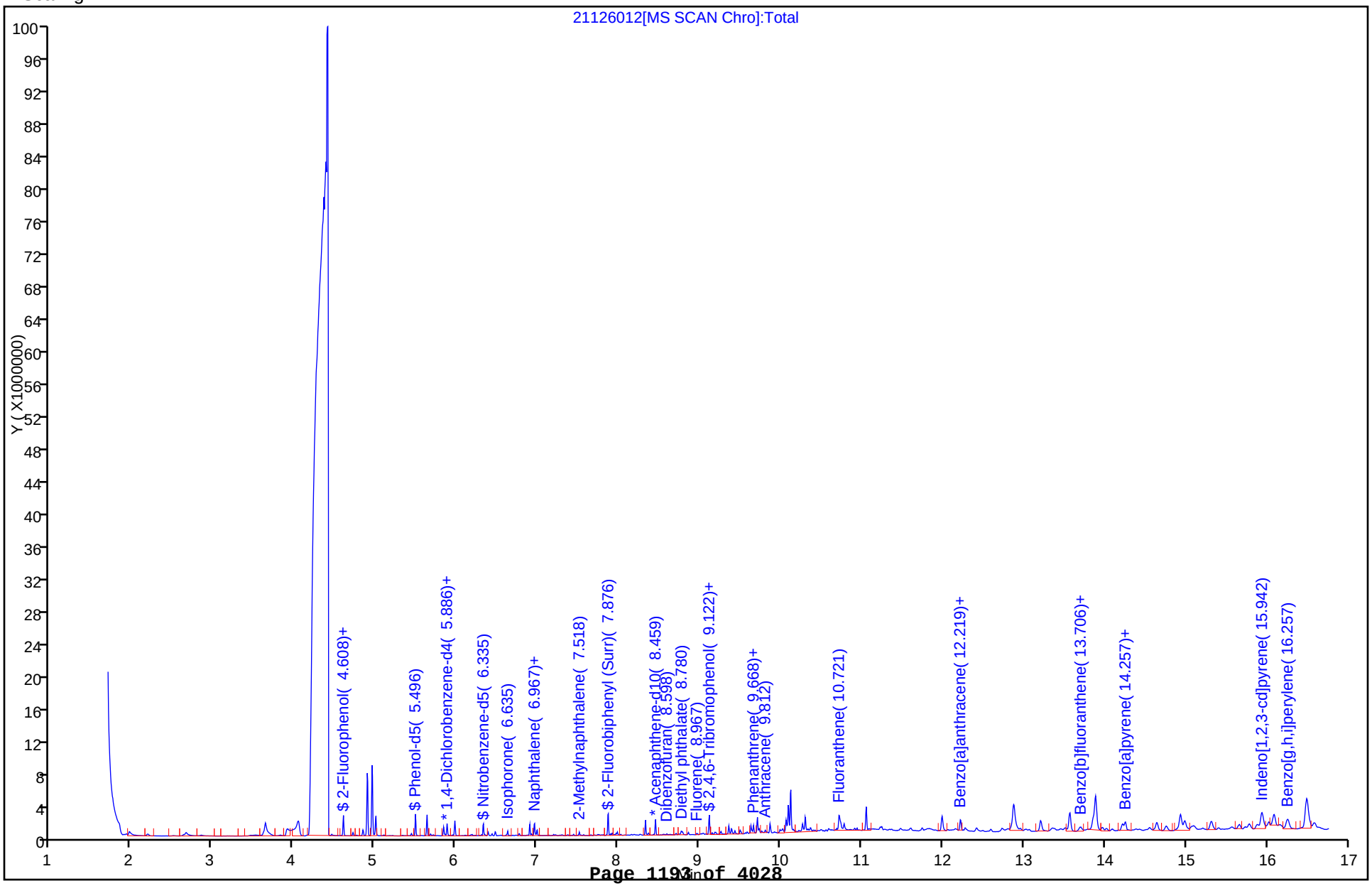
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

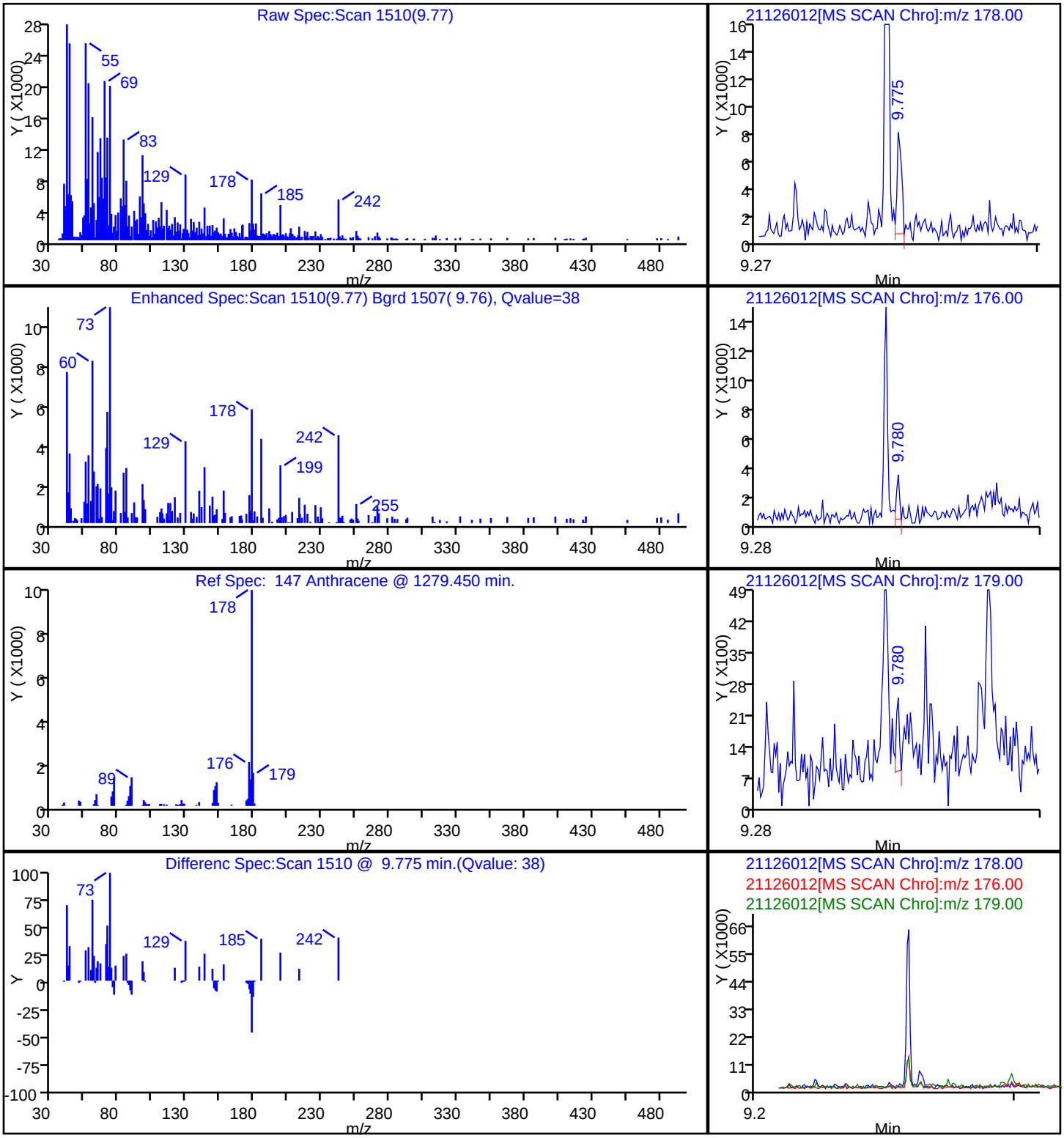


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

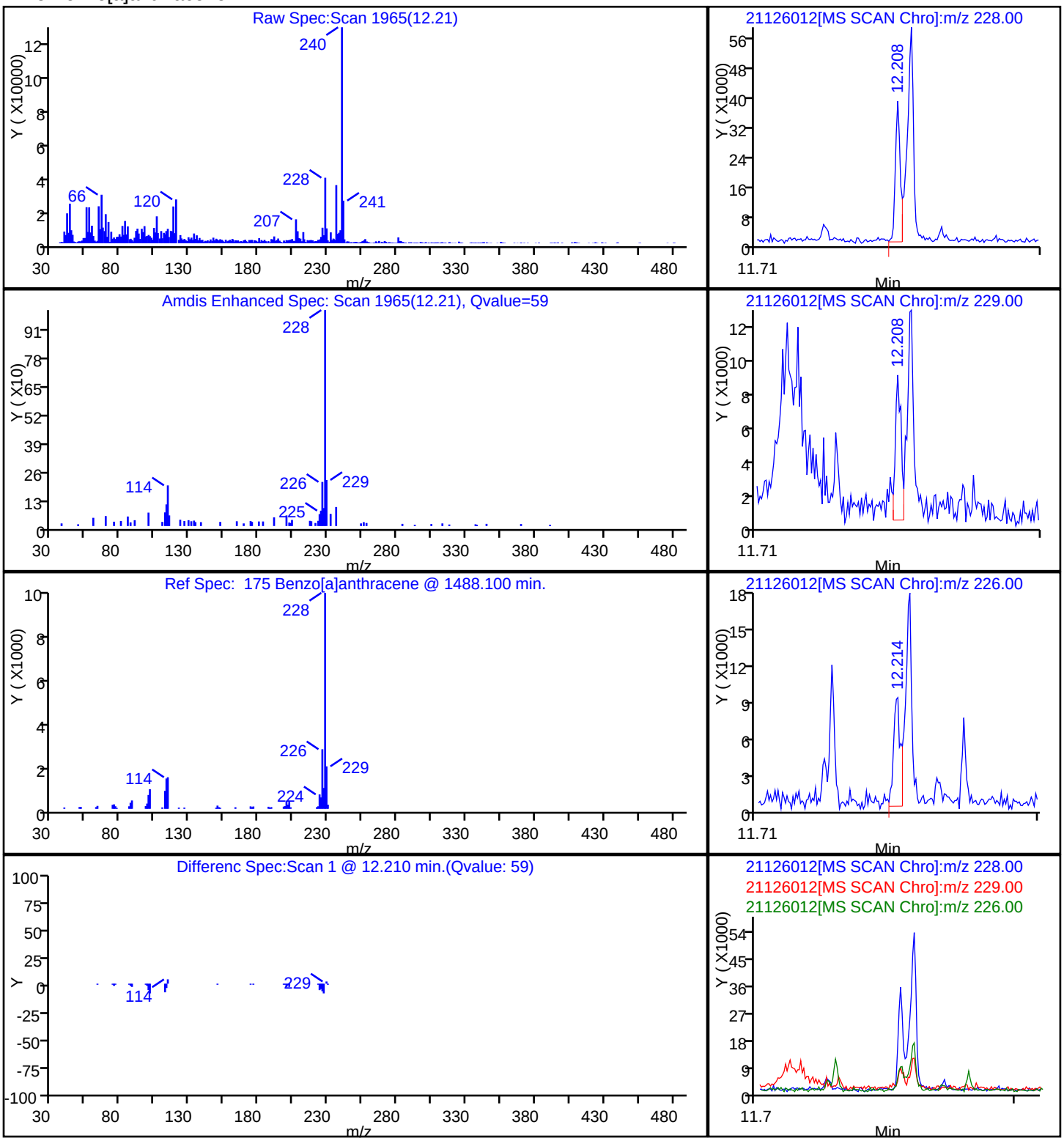


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

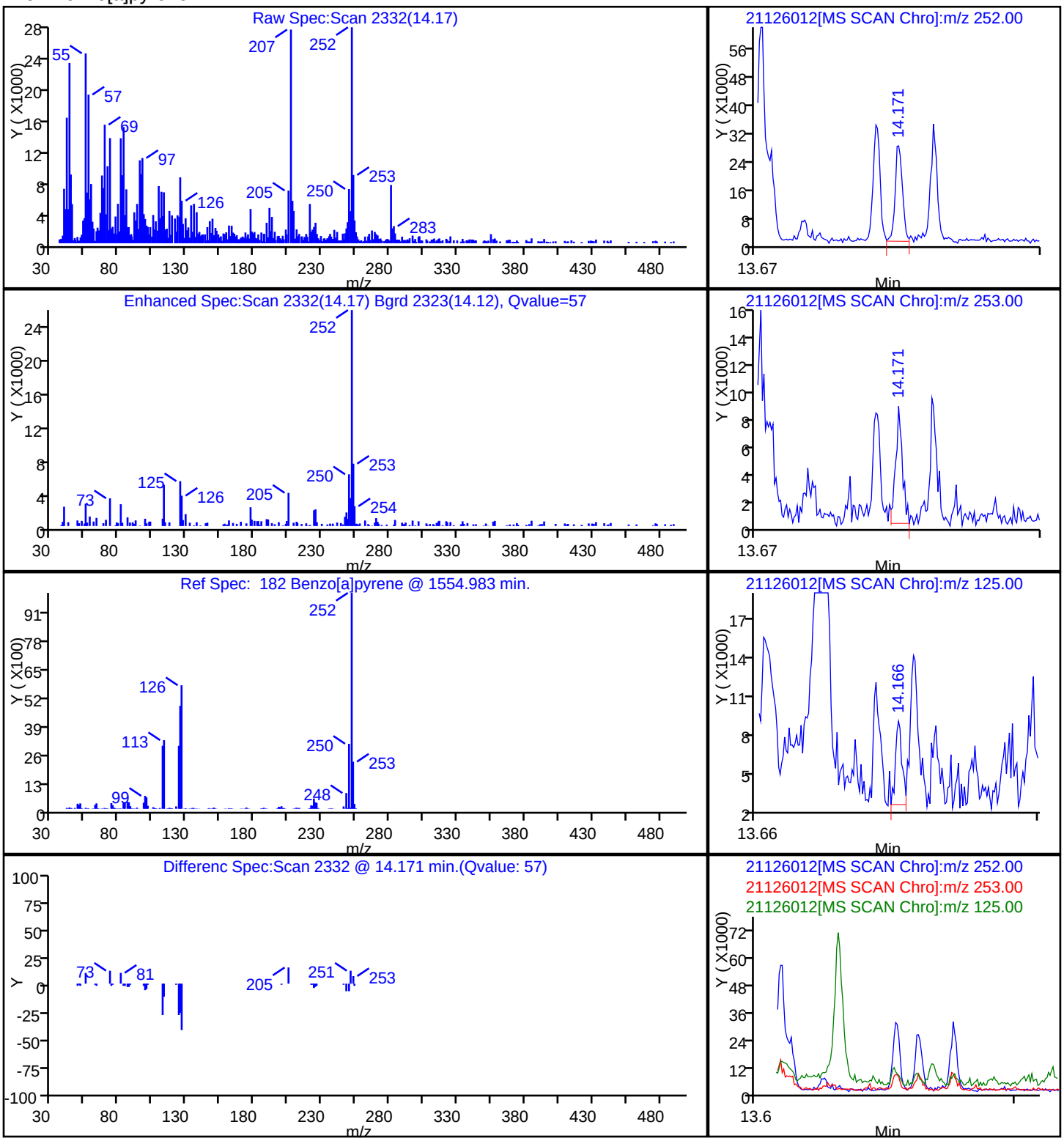


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

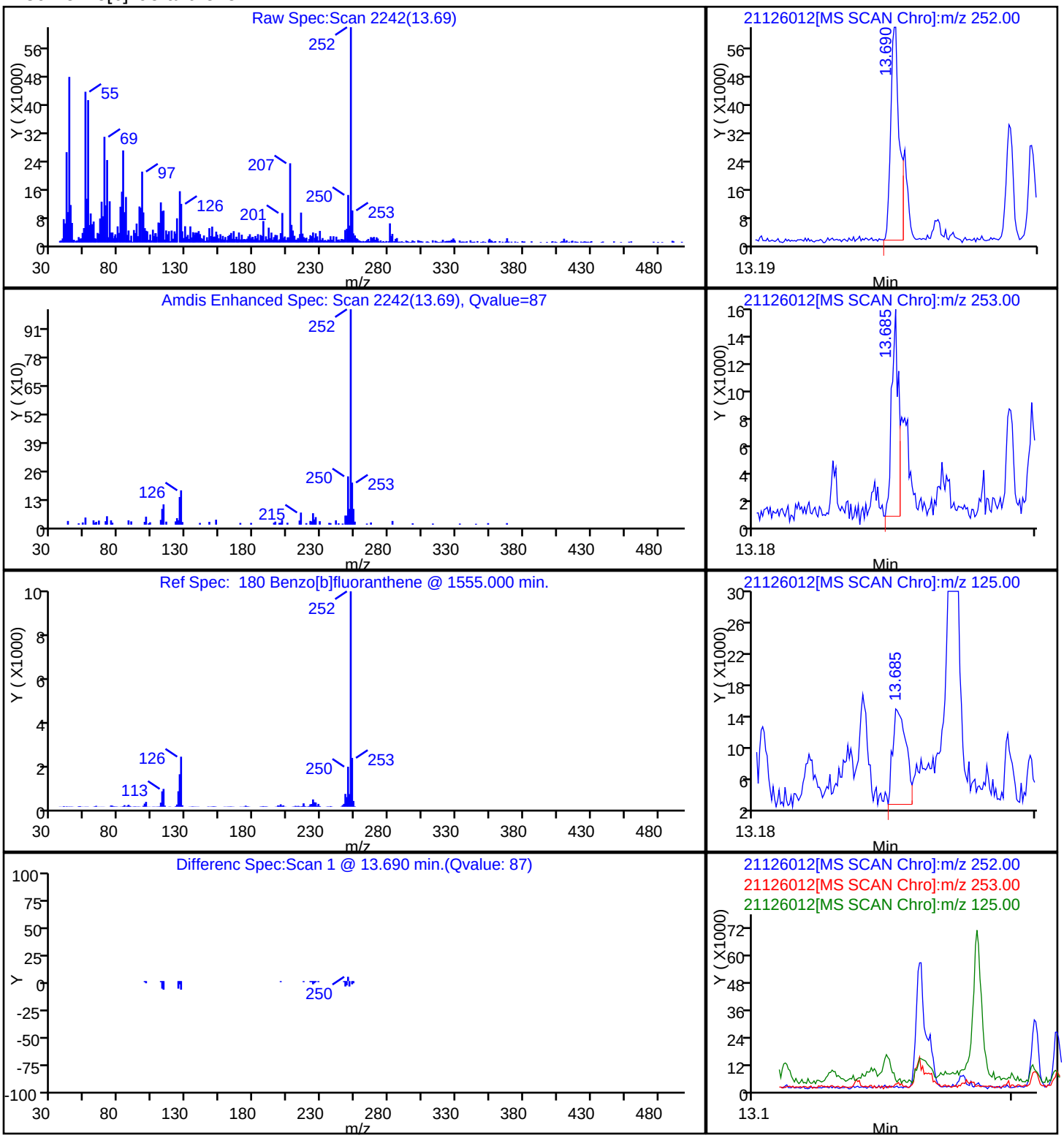


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

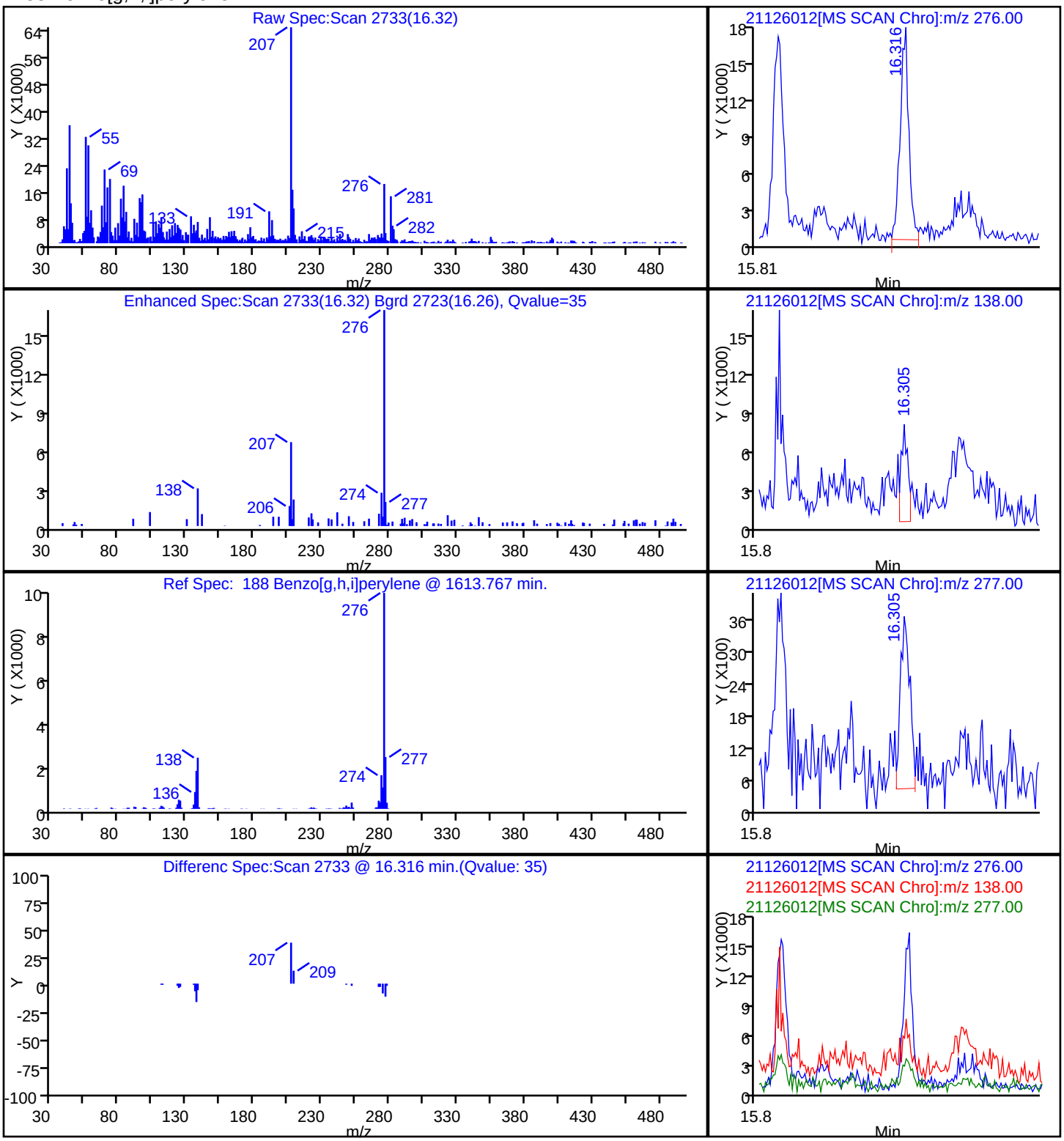


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

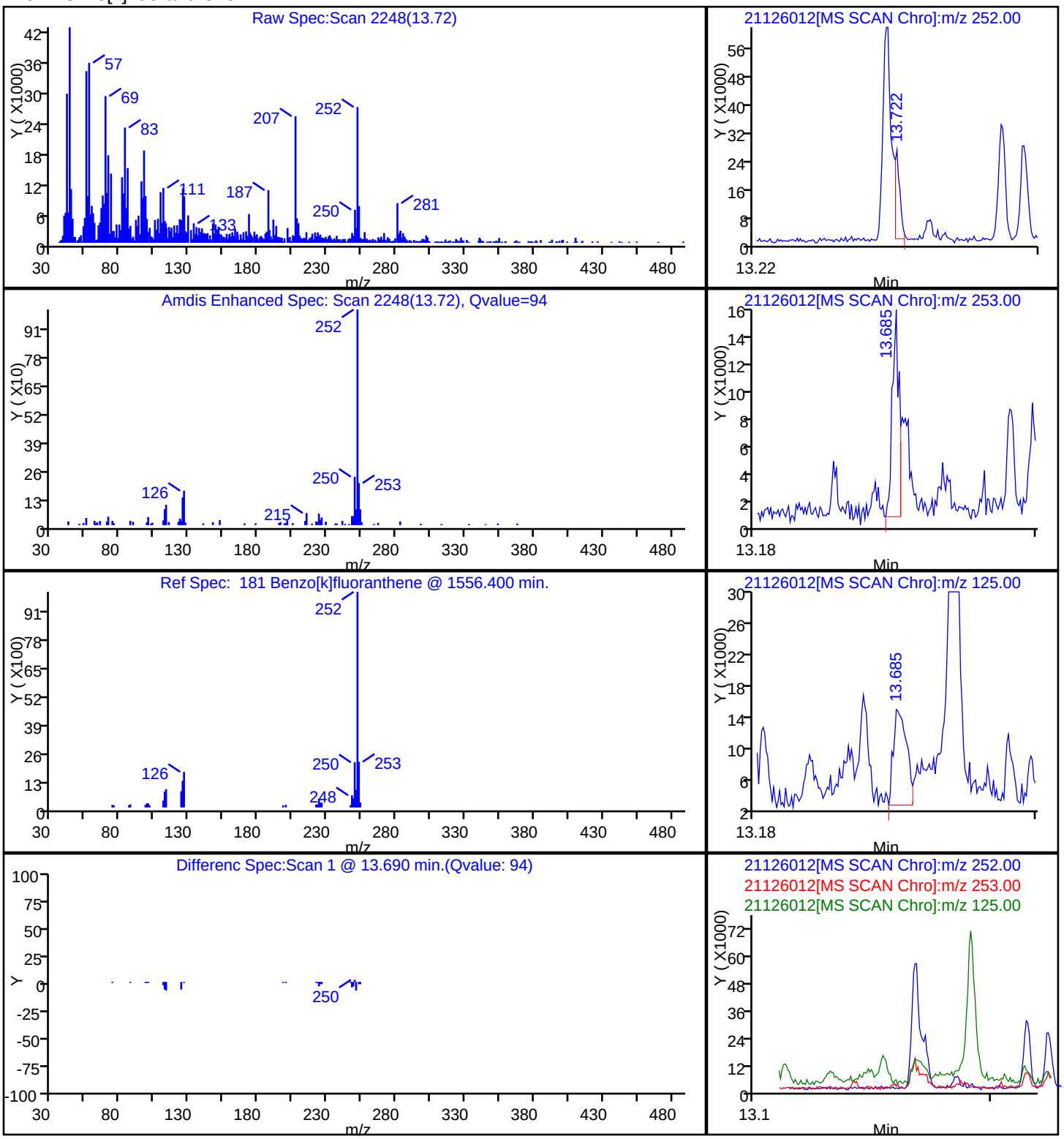


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

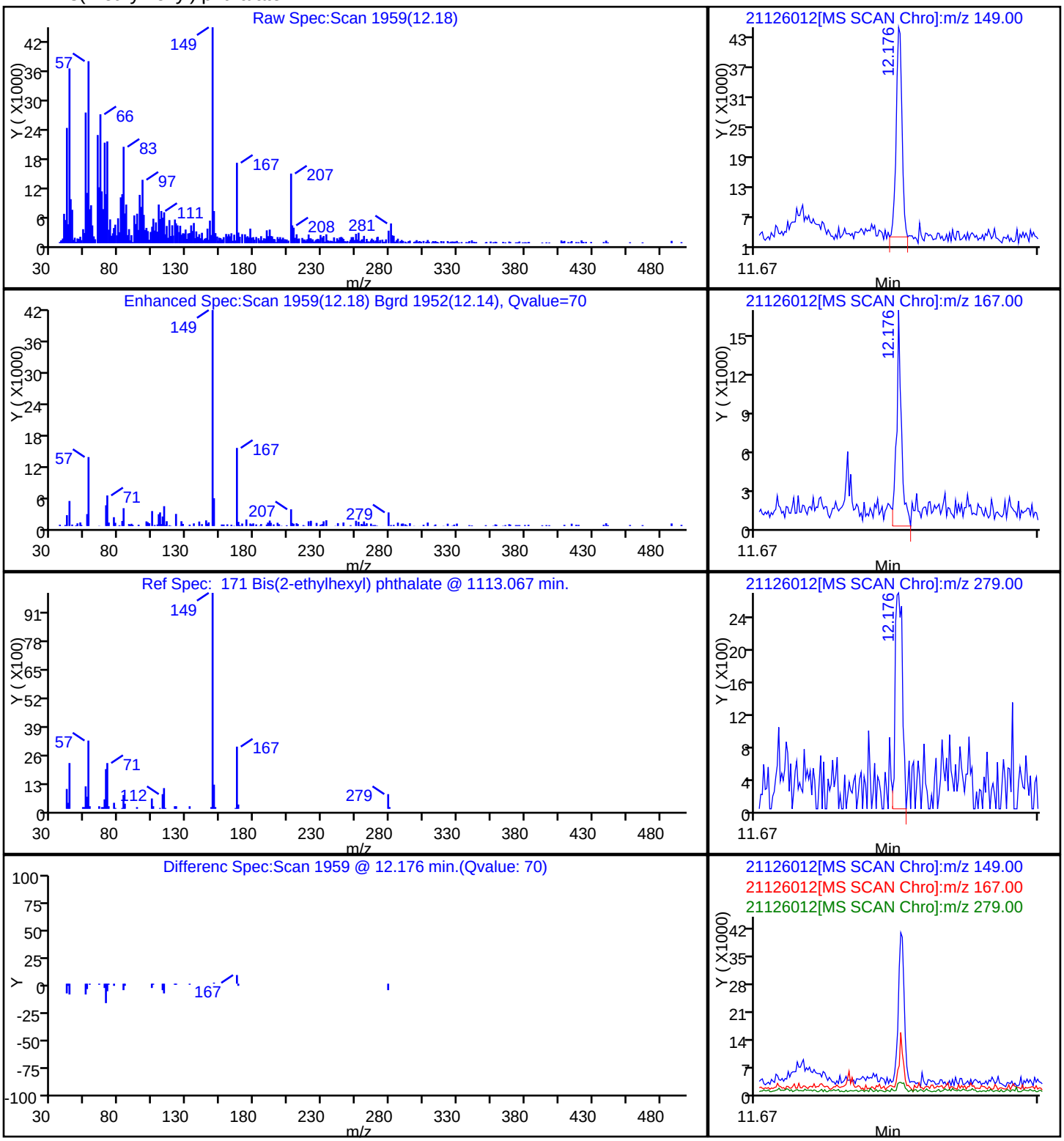


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



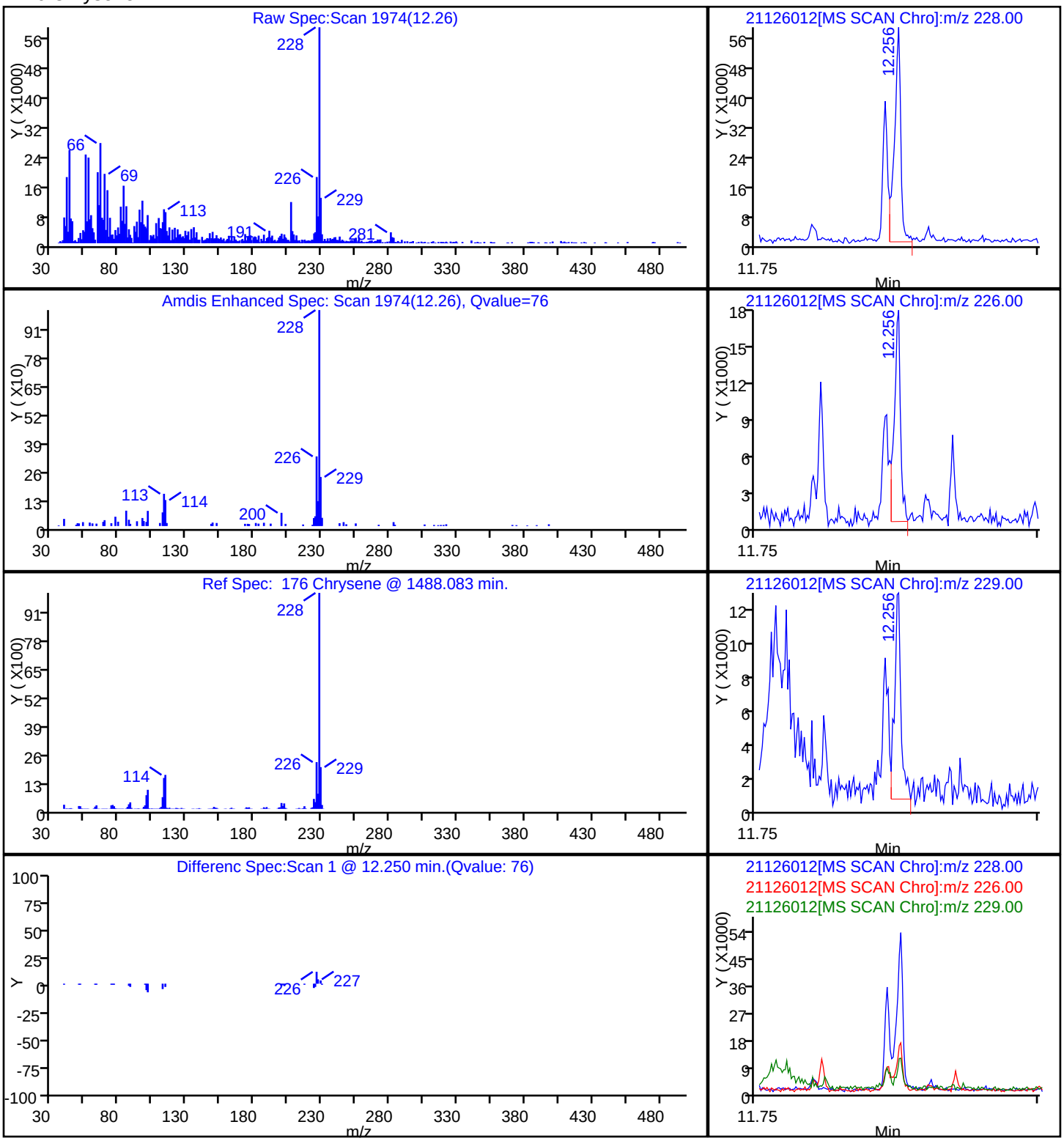
Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D

Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

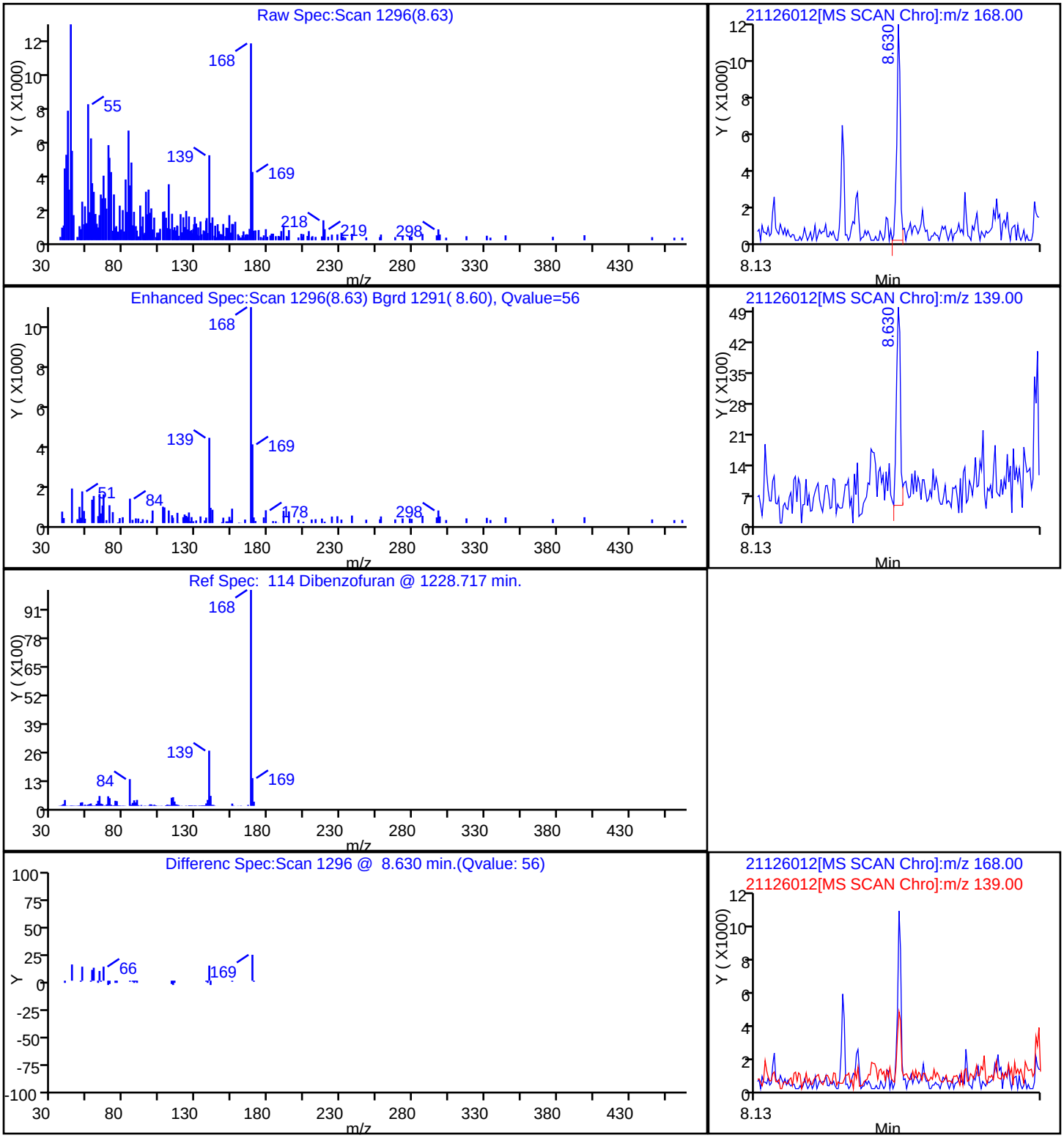


Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran

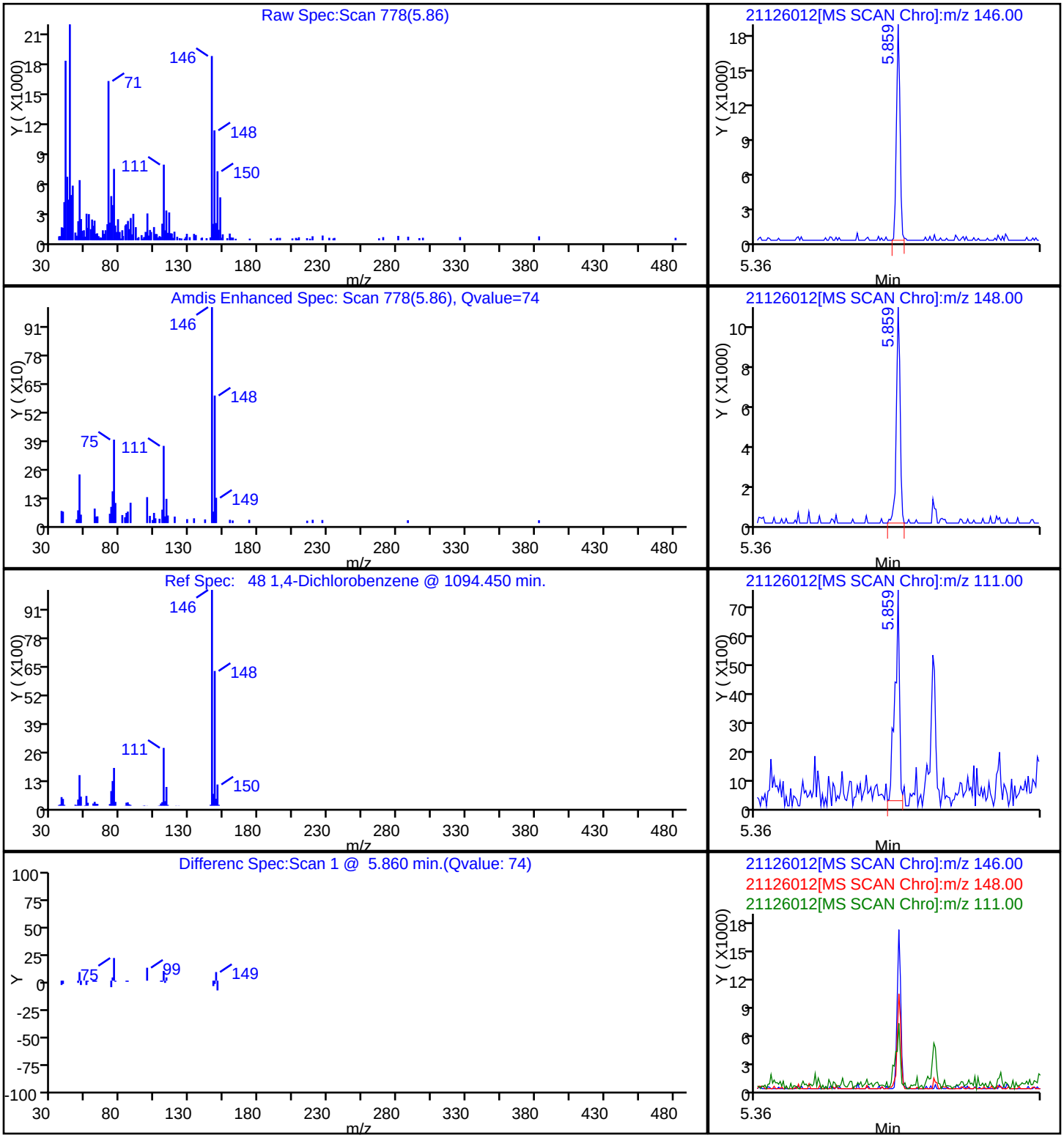


Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

48 1,4-Dichlorobenzene

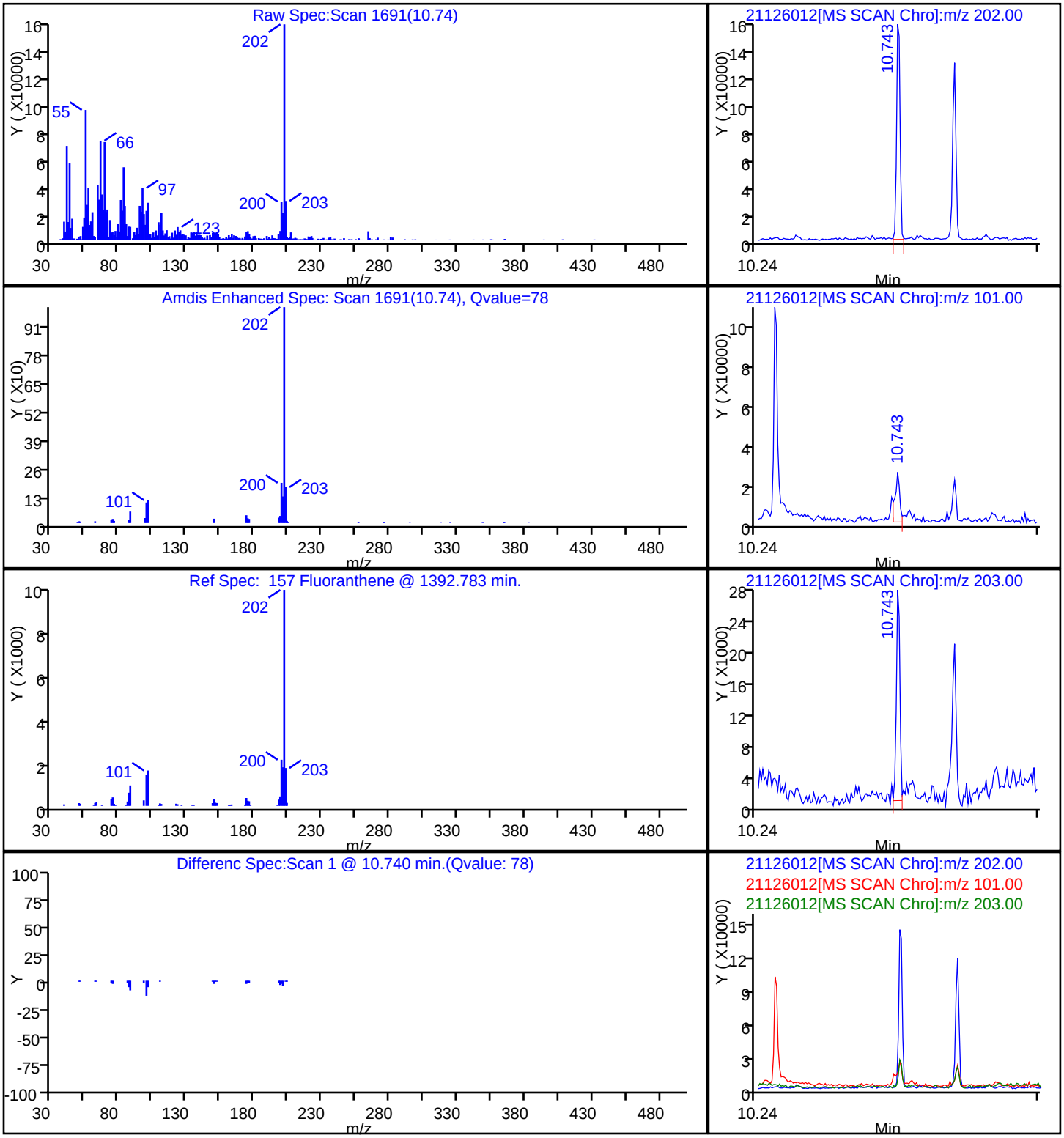


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



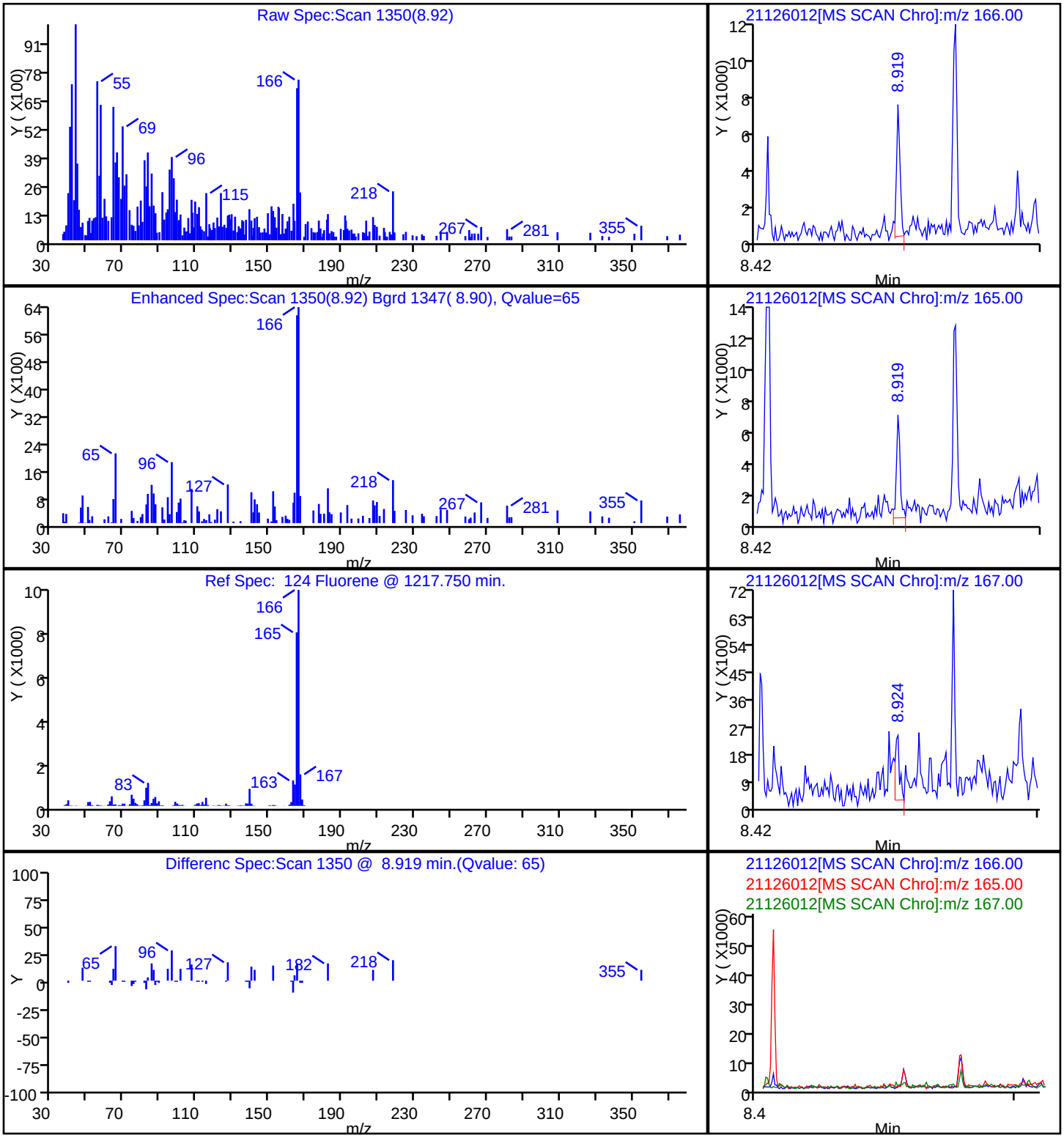
Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D

Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

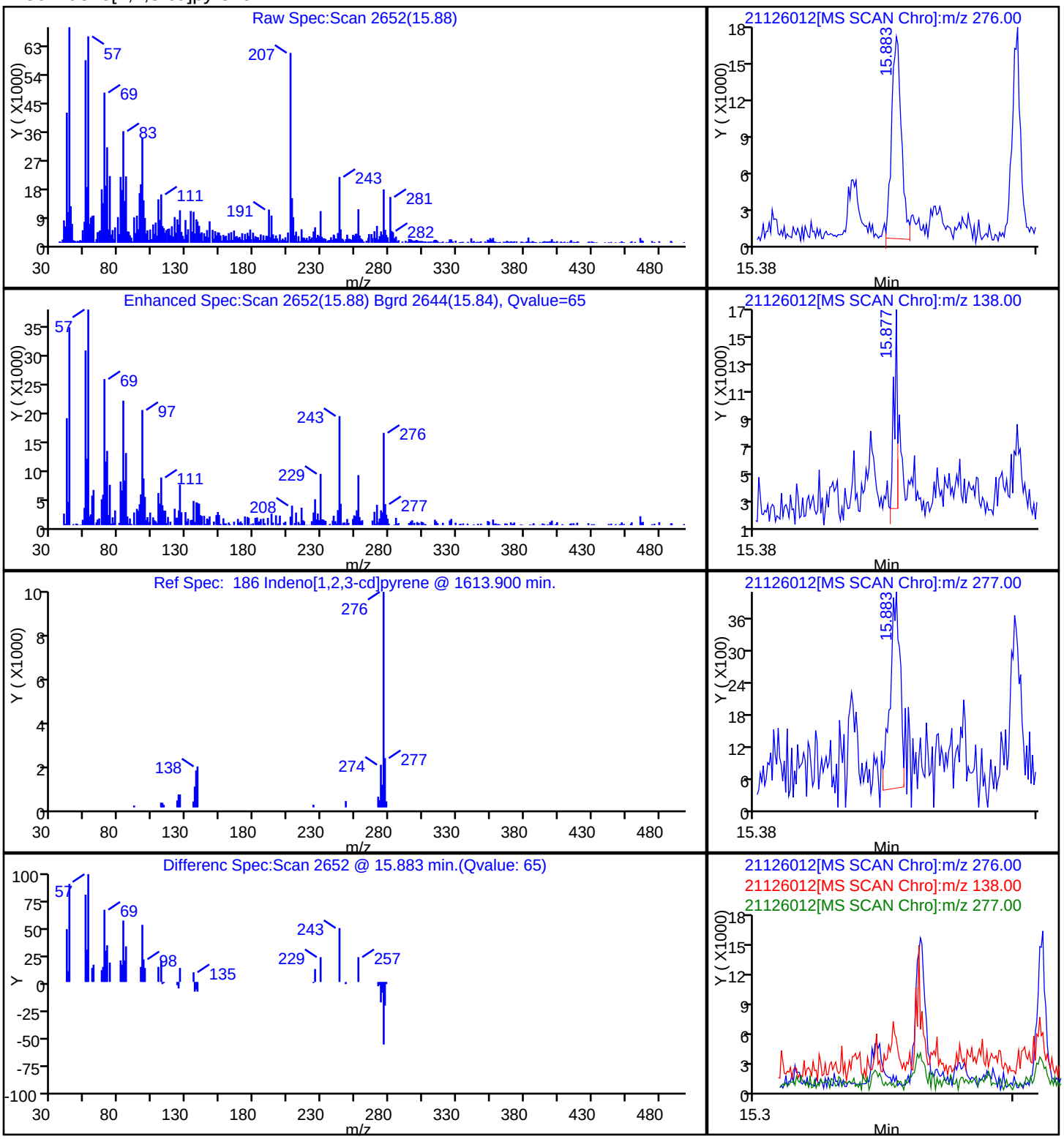


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

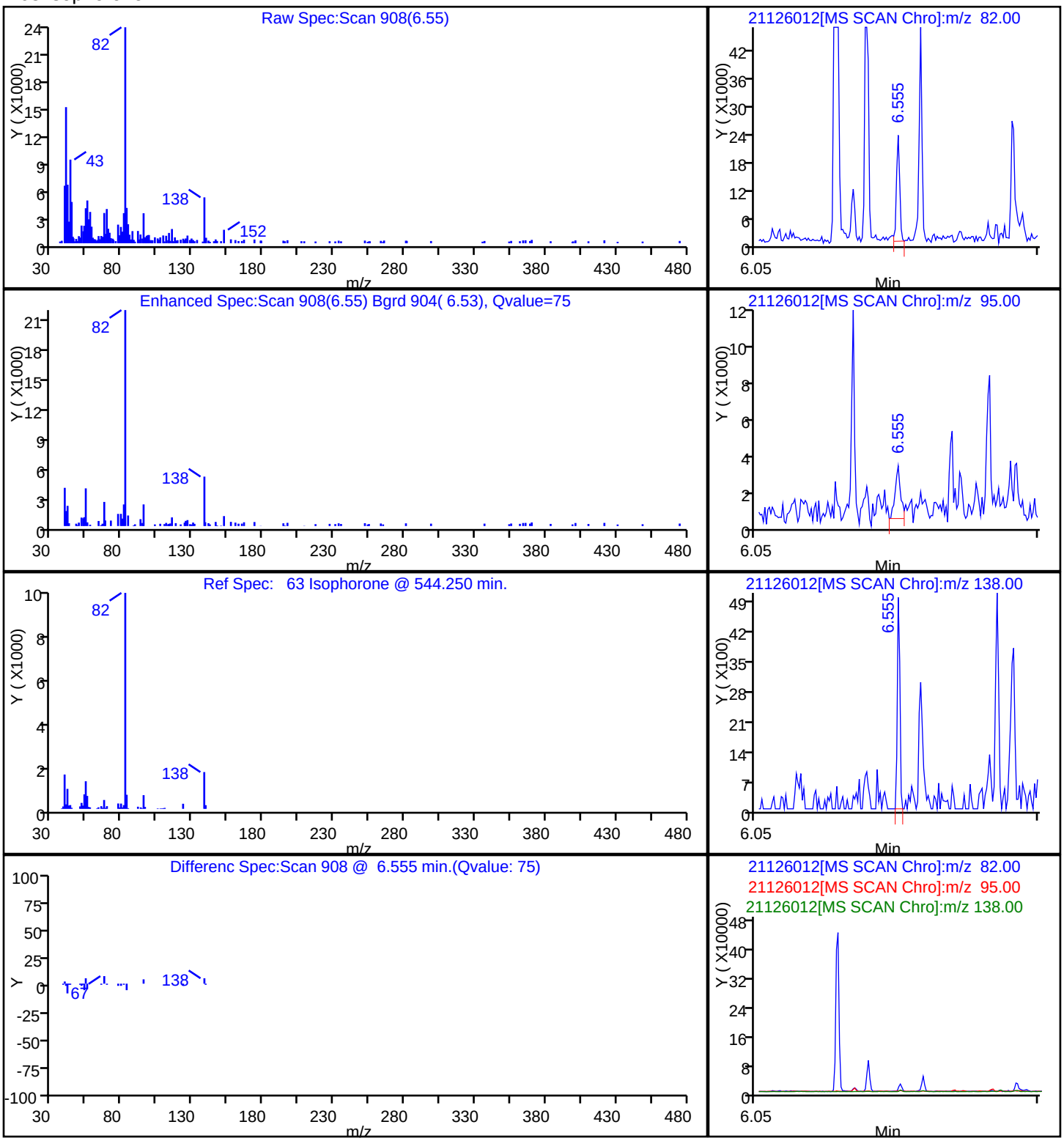


Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone

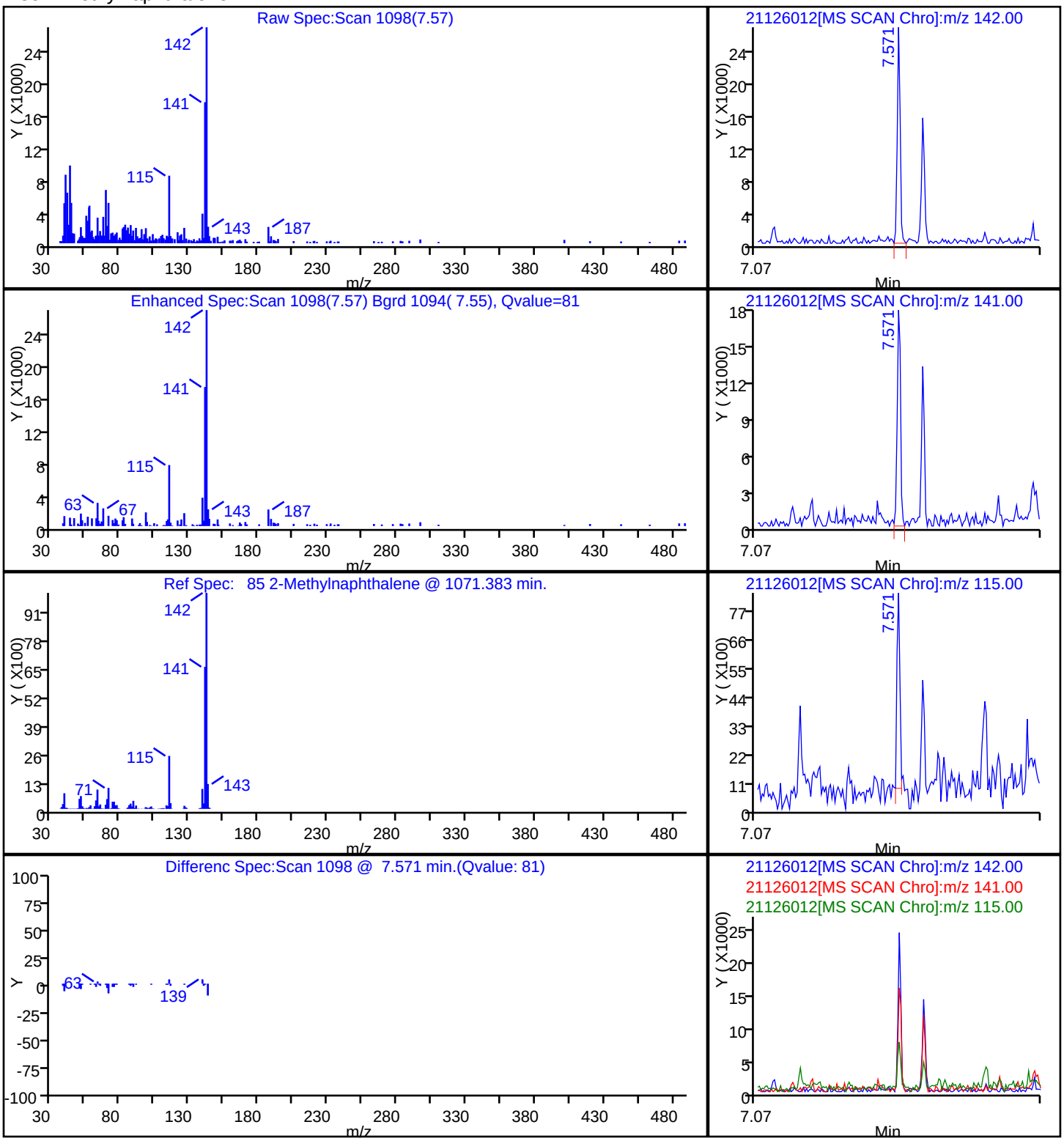


Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



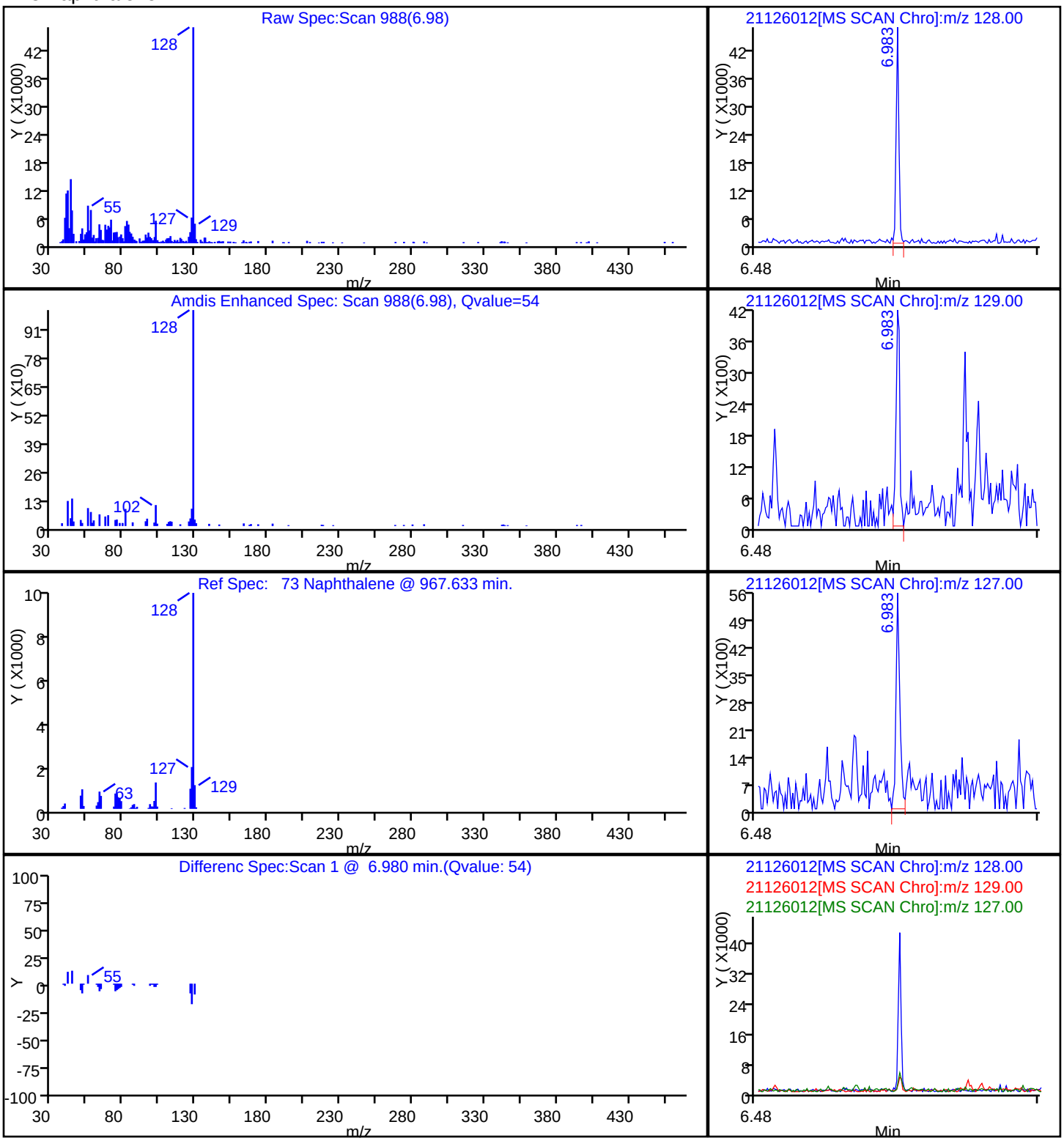
Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D

Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

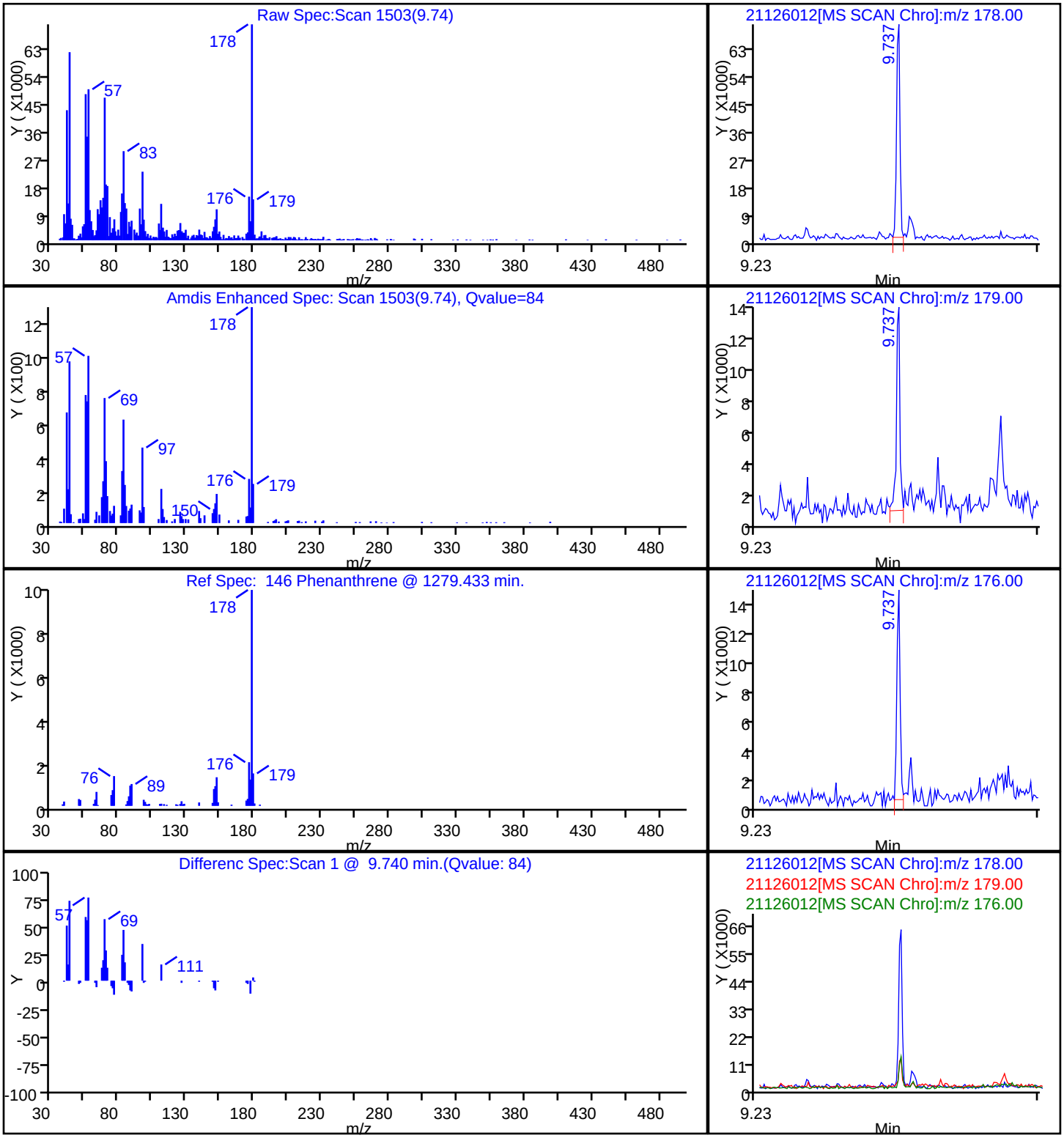


Report Date: 27-Nov-2012 16:01:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

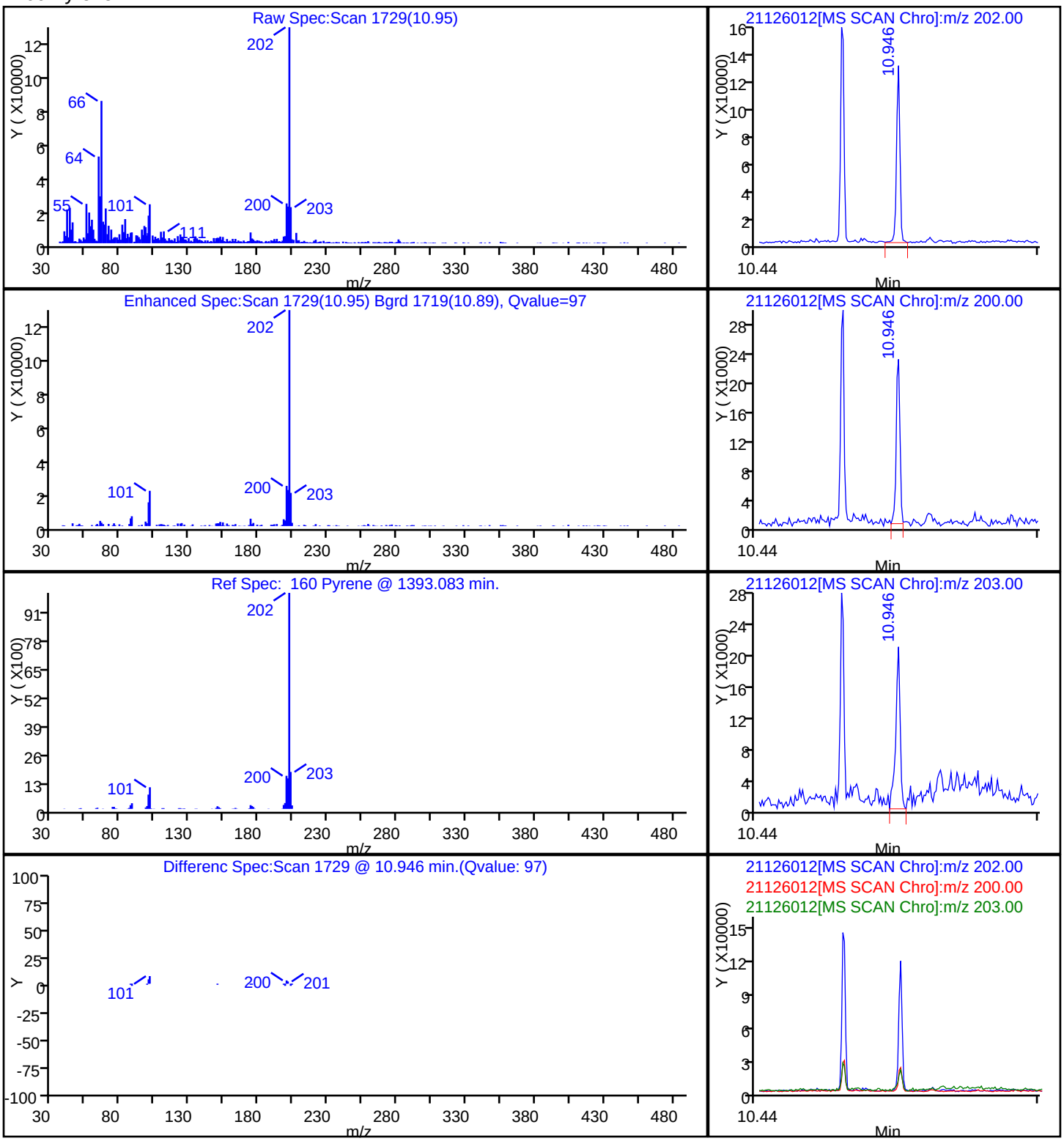


Report Date: 27-Nov-2012 16:01:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

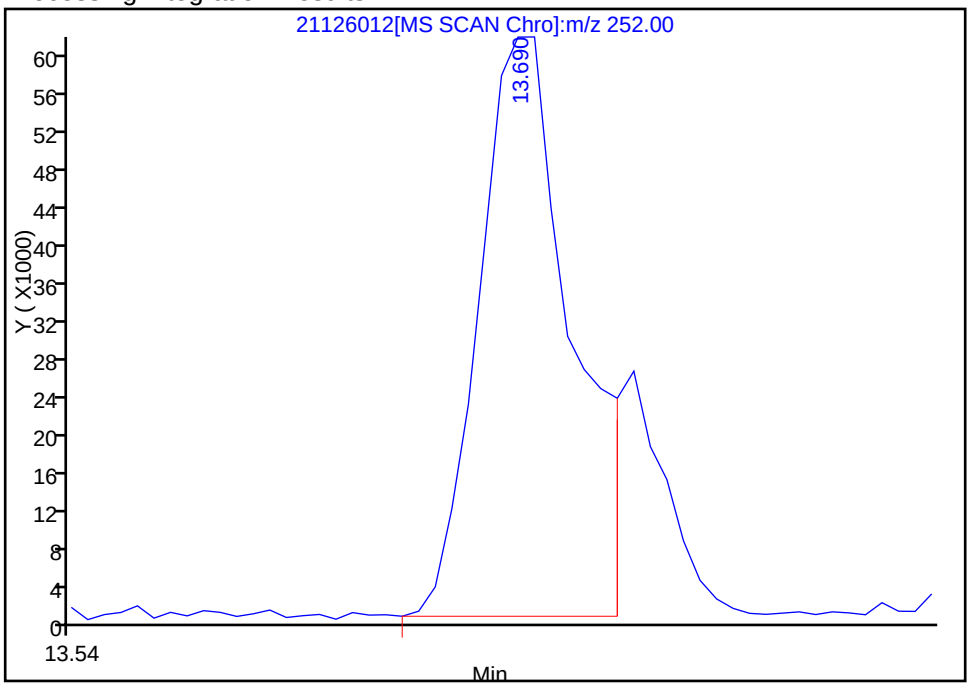
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126012.D		
Injection Date:	26-Nov-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

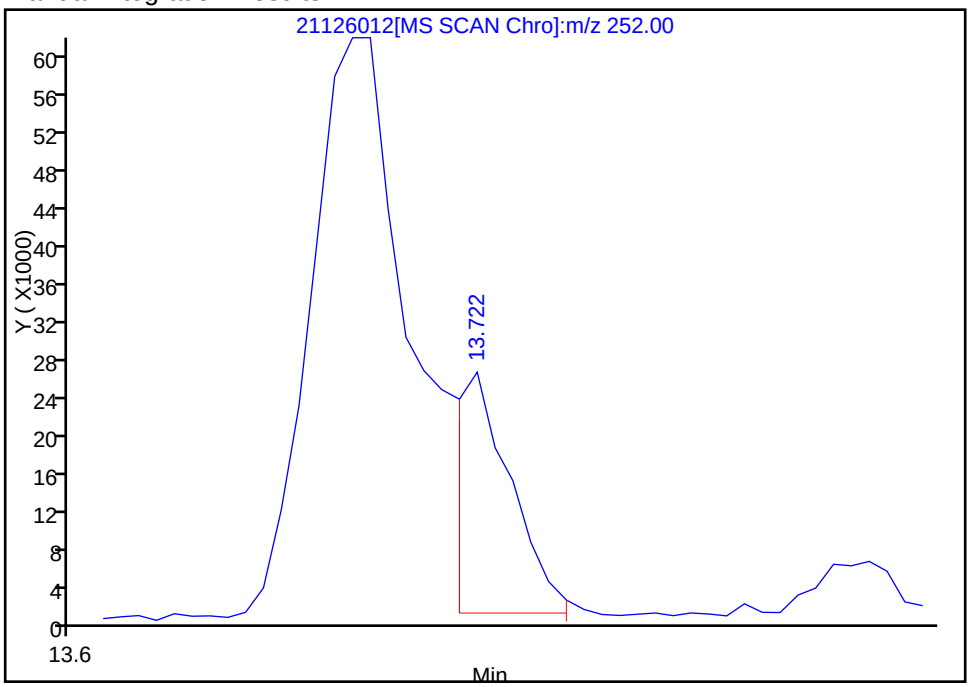
Processing Integration Results

RT: 13.69
Response: 129156
Amount: 0.702468



Manual Integration Results

RT: 13.72
Response: 29437
Amount: 0.160105



Reviewer: gruberj, 27-Nov-2012 15:39:53
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00011-0001-SO | Lab Sample ID: 240-17422-11

Matrix: Solid | Lab File ID: 21126035.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:42

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.50(g) | Date Analyzed: 11/26/2012 16:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.4	U	6.8	3.4	3.4
208-96-8	Acenaphthylene	3.4	U	6.8	3.4	3.4
120-12-7	Anthracene	3.4	U	6.8	3.4	3.4
56-55-3	Benzo[a]anthracene	12		6.8	3.4	3.4
50-32-8	Benzo[a]pyrene	22		6.8	3.4	3.4
205-99-2	Benzo[b]fluoranthene	31	M	6.8	3.4	3.4
191-24-2	Benzo[g,h,i]perylene	3.4	U	6.8	3.4	3.4
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	8.0	M	6.8	3.4	3.4
100-51-6	Benzyl alcohol	27	U	340	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.4	U	100	3.4	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.7
117-81-7	Bis(2-ethylhexyl) phthalate	35	J	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.4	U	51	3.4	3.4
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	17		6.8	3.4	1.1
53-70-3	Dibenz(a,h)anthracene	3.4	U	6.8	3.4	3.4
132-64-9	Dibenzofuran	3.4	U	51	3.4	3.4
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.9
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00011-0001-SO | Lab Sample ID: 240-17422-11

Matrix: Solid | Lab File ID: 21126035.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:42

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.50(g) | Date Analyzed: 11/26/2012 16:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	340	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	30		6.8	3.4	3.4
86-73-7	Fluorene	3.4	U	6.8	3.4	3.4
118-74-1	Hexachlorobenzene	3.4	U	6.8	3.4	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	340	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.2
193-39-5	Indeno[1,2,3-cd]pyrene	3.4	U	6.8	3.4	3.4
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	12		6.8	3.4	3.4
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	12		6.8	3.4	3.4
88-74-4	2-Nitroaniline	27	U	200	27	9.3
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.4	U	100	3.4	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	340	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	18		6.8	3.4	3.4
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	21		6.8	3.4	3.4
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00011-0001-SO | Lab Sample ID: 240-17422-11

Matrix: Solid | Lab File ID: 21126035.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:42

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.50(g) | Date Analyzed: 11/26/2012 16:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	55		45-105
367-12-4	2-Fluorophenol (Surr)	62		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	56		35-100
1718-51-0	Terphenyl-d14 (Surr)	62		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	62		35-125
4165-62-2	Phenol-d5 (Surr)	64		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D
Lims ID: 240-17422-A-11-E
Client ID: 068SD-00011-0001-SO
Inject. Date: 26-Nov-2012 16:18:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015260-035
Misc. Info.: 240-17422-a-11-e
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 22
Lims Batch ID: 66246
Lims Sample ID: 35
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 28-Nov-2012 15:32:31
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK003

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:47:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	177362	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	703695	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	419193	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	97	728534	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	97	767719	4.00	
* 6 Perylene-d12	264	14.262	14.251	0.011	95	457455	4.00	
$ 7 2-Fluorophenol	112	4.608	4.565	0.043	91	512254	9.34	
$ 8 Phenol-d5	99	5.496	5.485	0.011	96	667806	9.59	
$ 9 Nitrobenzene-d5	82	6.336	6.330	0.006	88	347276	5.61	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	751727	5.53	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	160451	9.25	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	881419	6.20	
41 Phenol	94		5.501					2
44 Bis(2-chloroethyl)ether	93		5.592					9
46 2-Chlorophenol	128		5.646					9
47 1,3-Dichlorobenzene	146		5.790					
48 1,4-Dichlorobenzene	146	5.860	5.854	0.006	72	18122	0.2823	
49 Benzyl alcohol	108		5.956					
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					
52 2,2'-oxybis[1-chloropropane]	45		6.073					
191 3 & 4 Methylphenol	108		6.180					9
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					9
61 Nitrobenzene	77		6.346					9
63 Isophorone	82	6.555	6.555	0.0	80	19213	0.1712	
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128	6.983	6.983	0.0	60	30026	0.1708	
74 4-Chloroaniline	127		7.015					
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					9
85 2-Methylnaphthalene	142	7.571	7.571	0.0	68	19982	0.1777	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					
91 2,4,5-Trichlorophenol	196		7.833					
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152		8.341					
108 3-Nitroaniline	138		8.405					9
110 Acenaphthene	153		8.486					9
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					
112 2,4-Dinitrotoluene	165		8.598					
114 Dibenzofuran	168		8.630					
119 Diethyl phthalate	149	8.791	8.791	0.001	79	21416	0.1664	
121 4-Chlorophenyl phenyl ether	204		8.908					
124 Fluorene	166		8.919					
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					
146 Phenanthrene	178	9.737	9.732	0.005	85	51730	0.2599	
147 Anthracene	178		9.780					
149 Carbazole	167		9.903					
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	63	27008	0.1252	
157 Fluoranthene	202	10.748	10.737	0.011	82	95958	0.4366	
160 Pyrene	202	10.946	10.941	0.005	97	77530	0.3165	
166 Butyl benzyl phthalate	149		11.518					9
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	53	45220	0.5123	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	62	36378	0.1698	
176 Chrysene	228	12.256	12.251	0.005	61	50621	0.2479	
178 Di-n-octyl phthalate	149		13.064					9
180 Benzo[b]fluoranthene	252	13.685	13.685	0.006	90	66244	0.4539	M
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	0	18773	0.1184	M
182 Benzo[a]pyrene	252	14.171	14.171	0.0	62	31197	0.3244	
186 Indeno[1,2,3-cd]pyrene	276		15.877					
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276		16.305					9

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

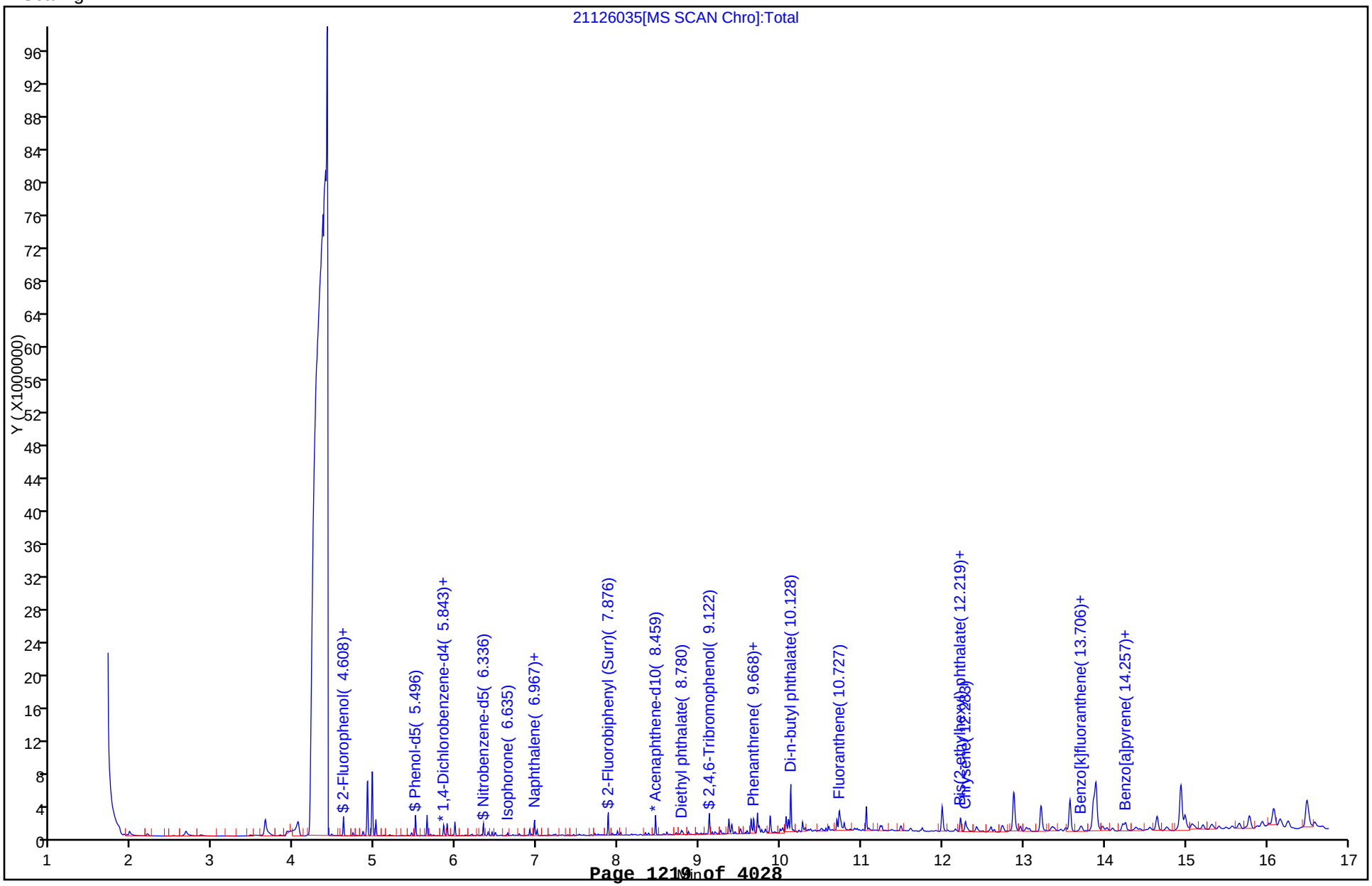
Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D

Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

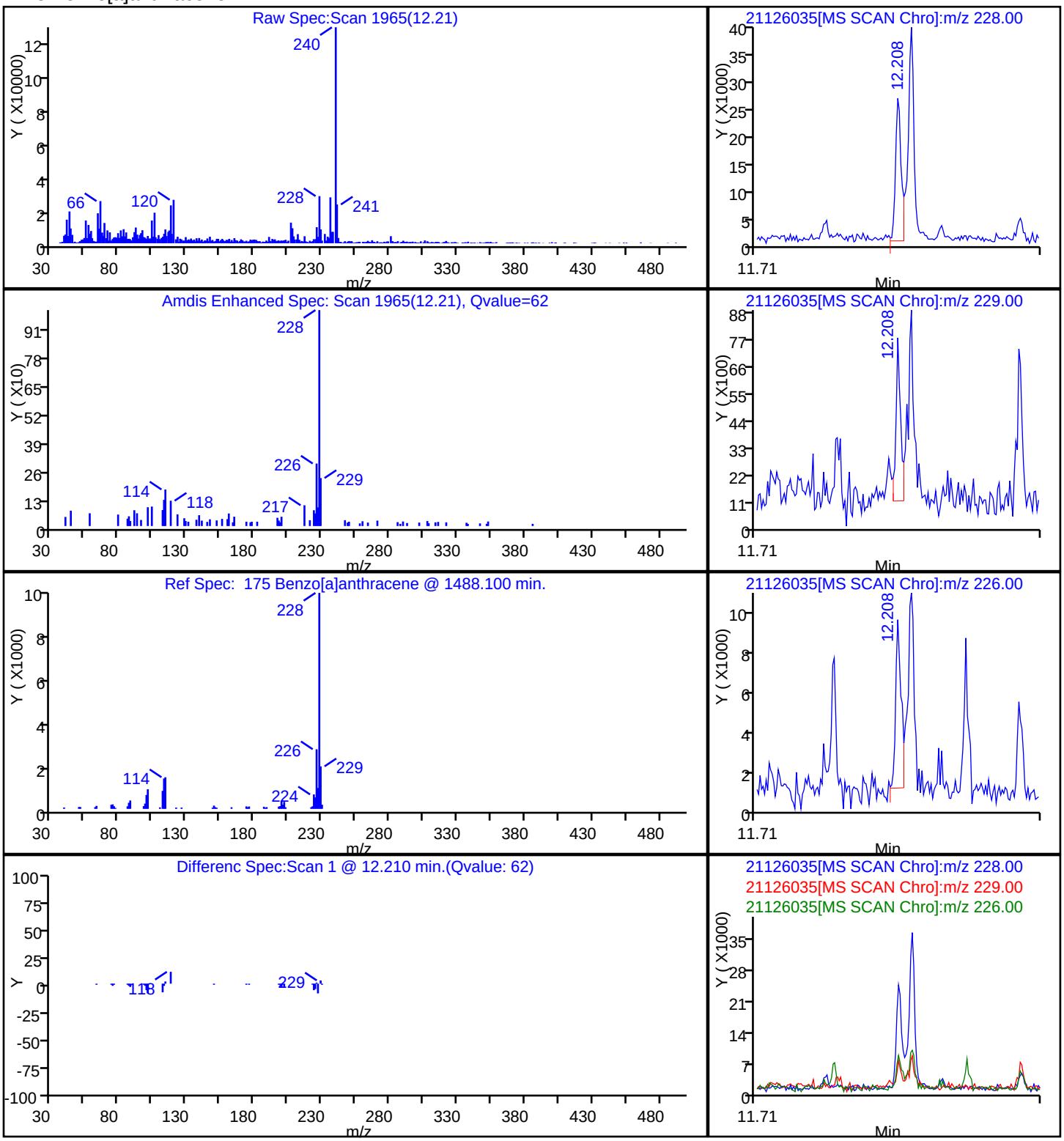


Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



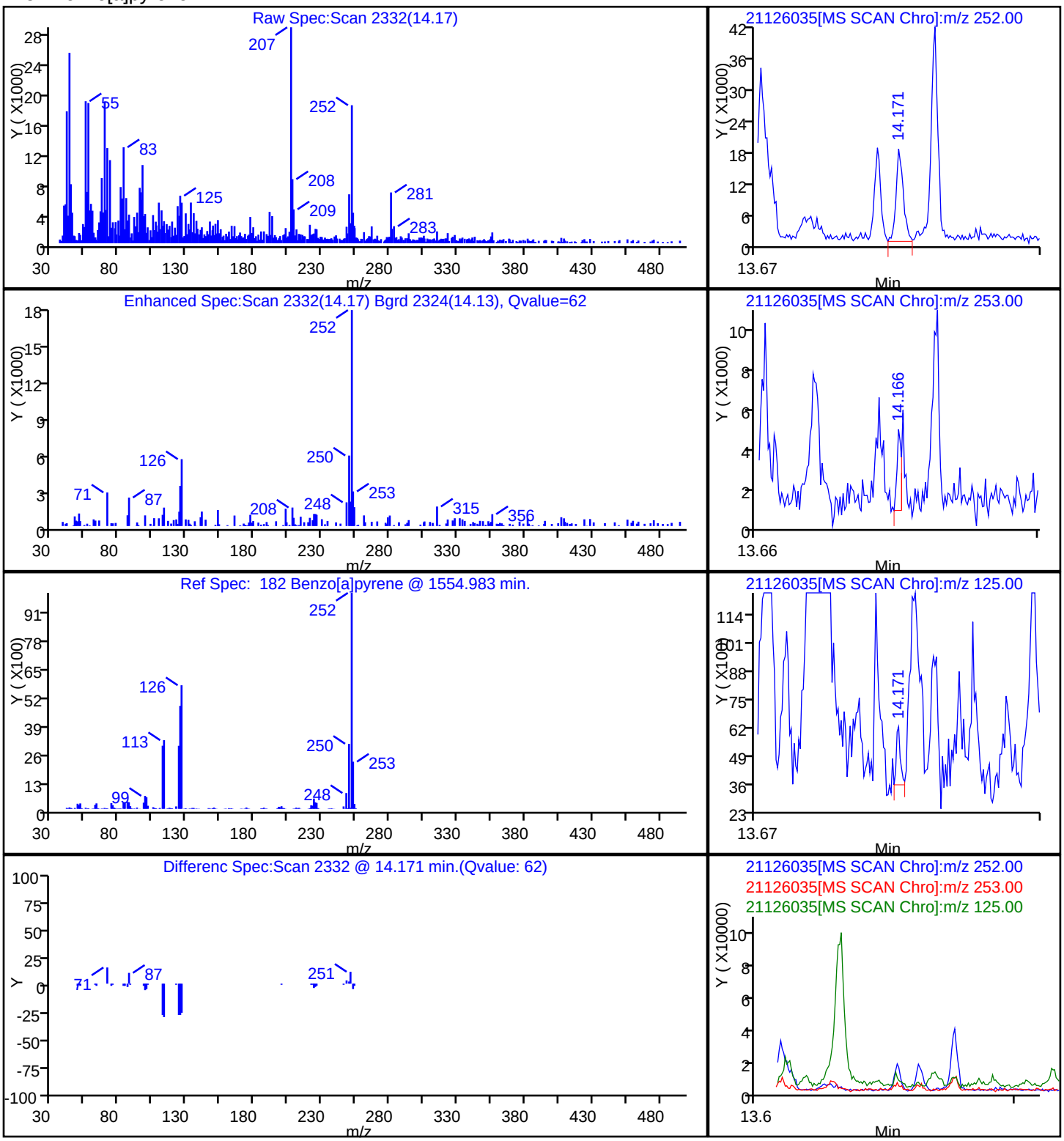
Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D

Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

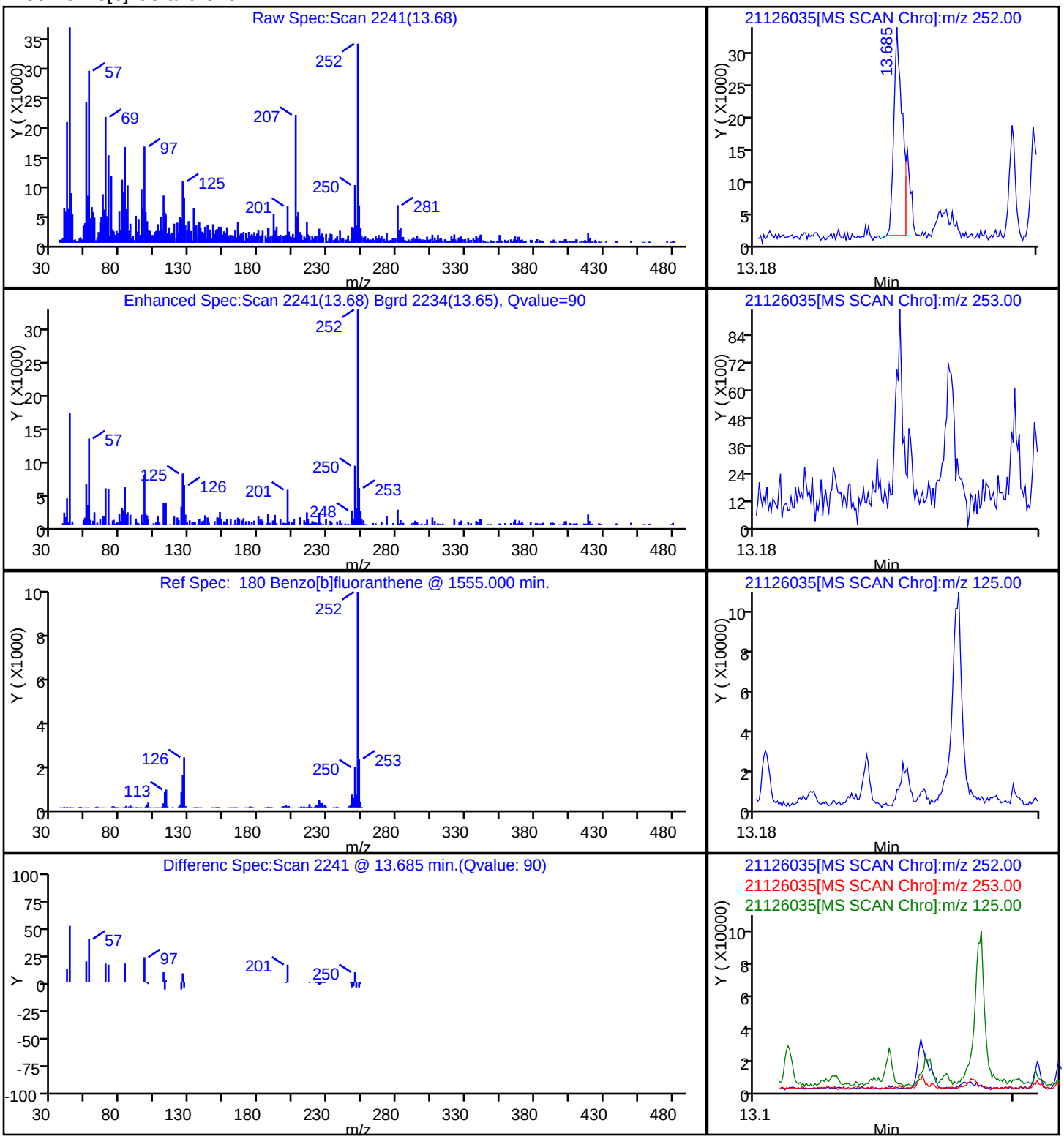


Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

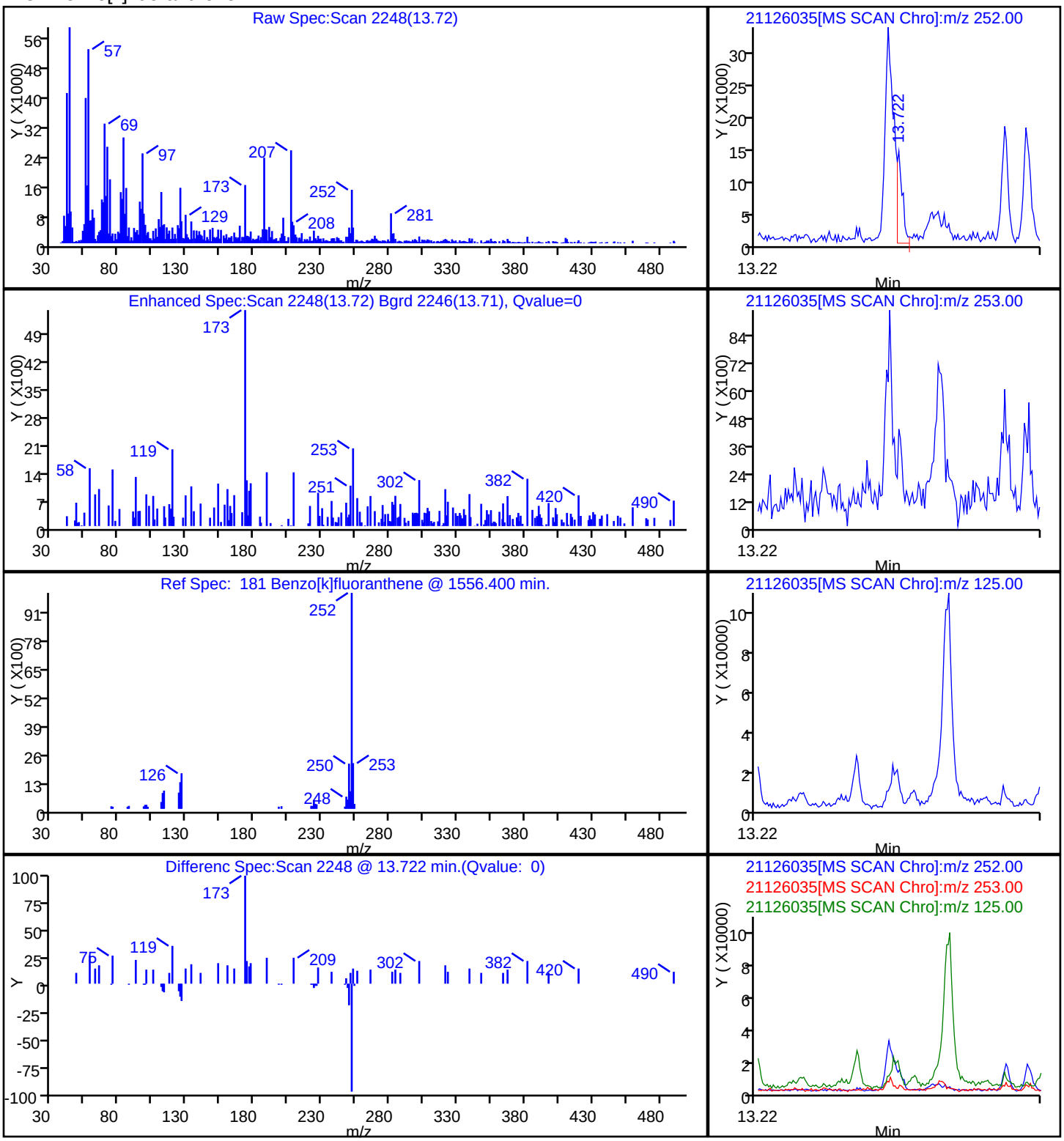


Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

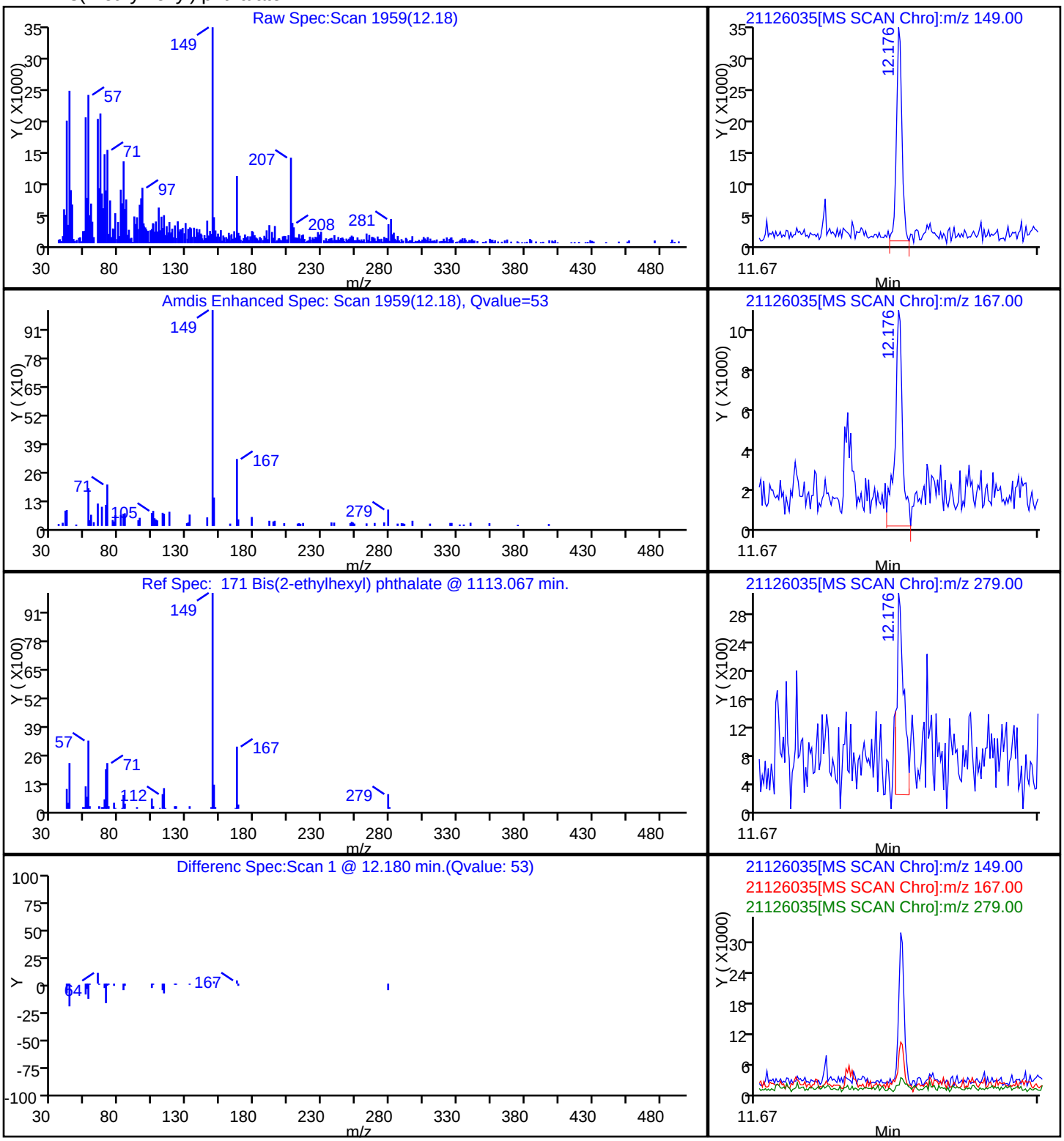


Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



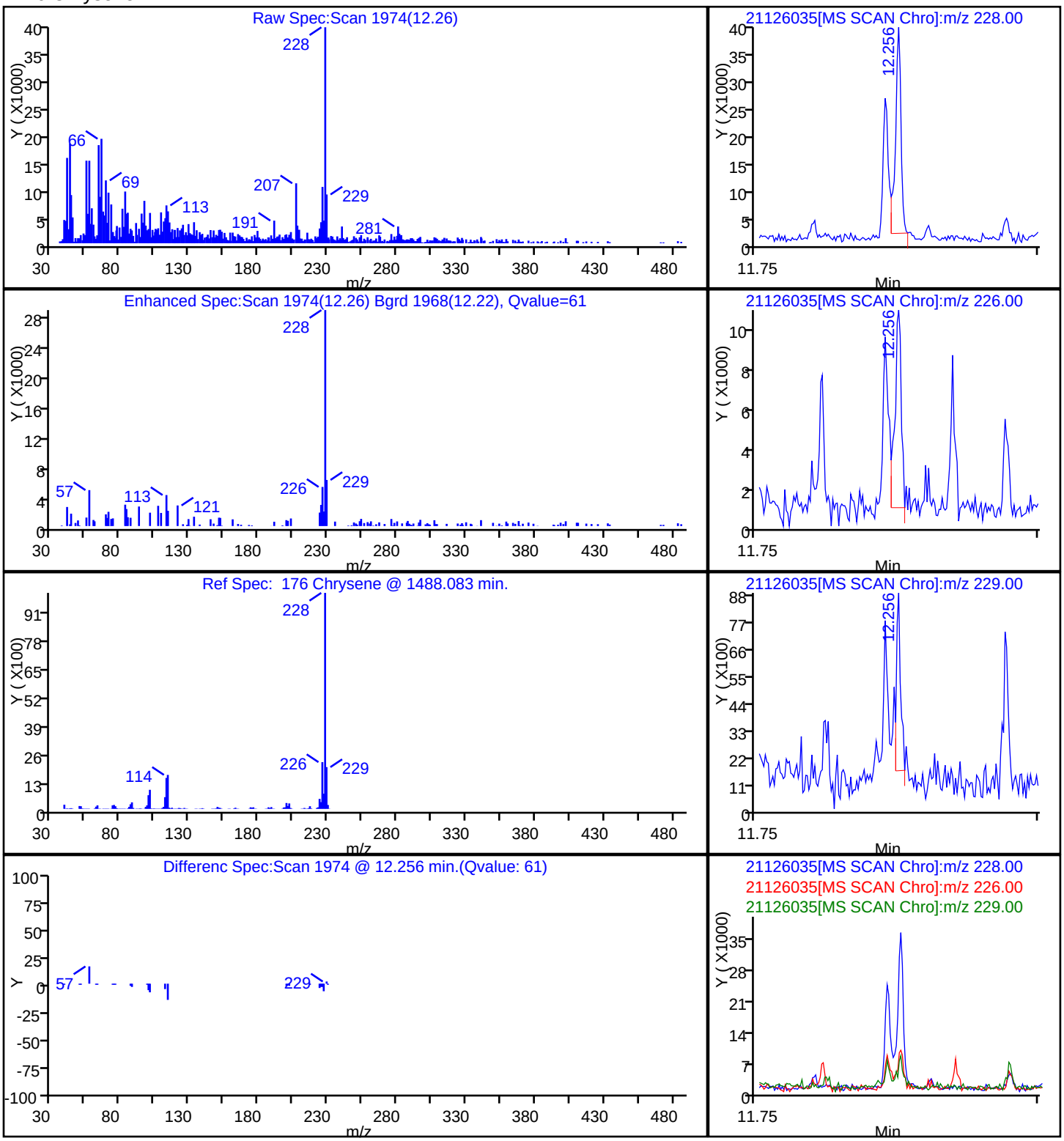
Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D

Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

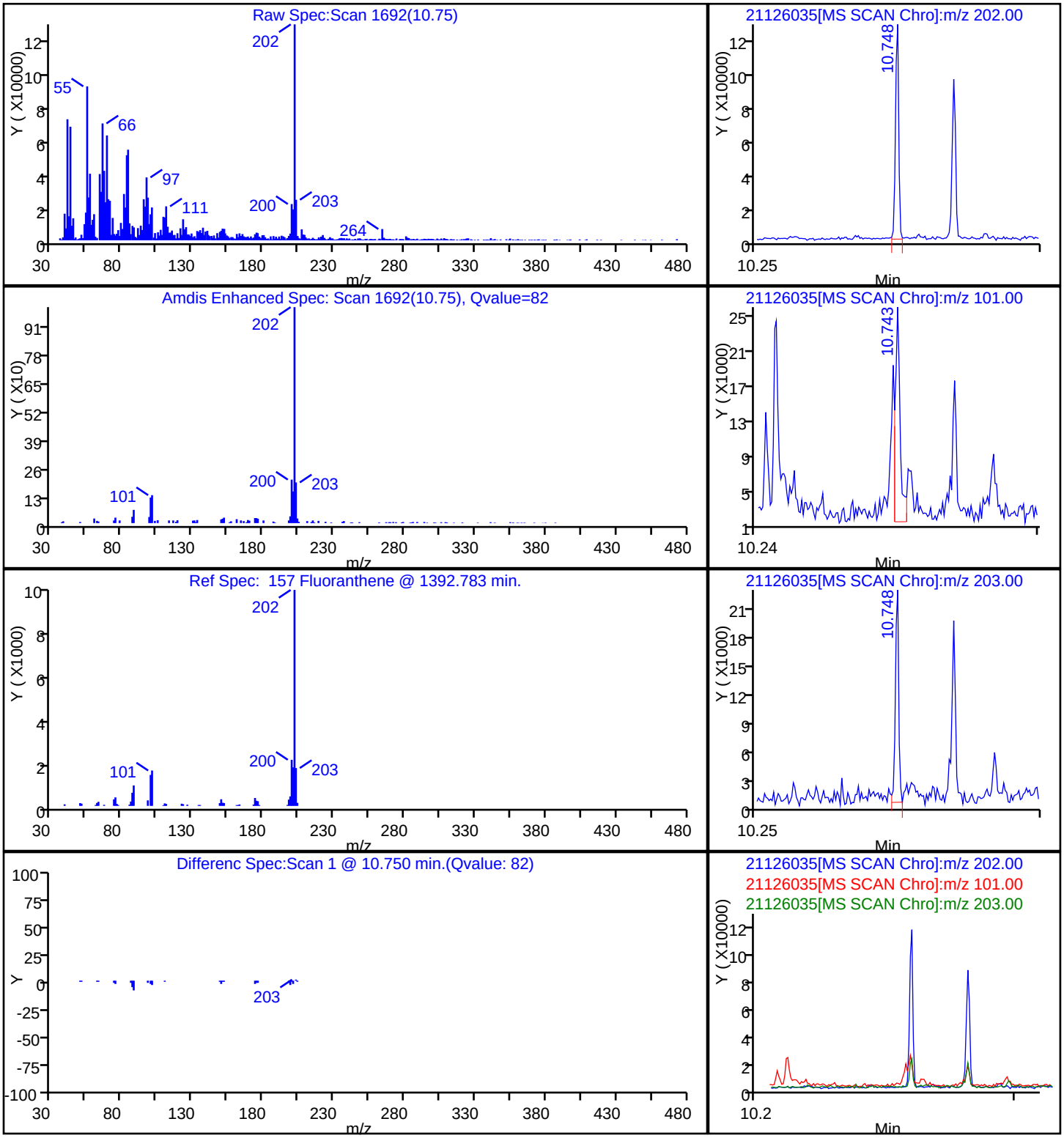


Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



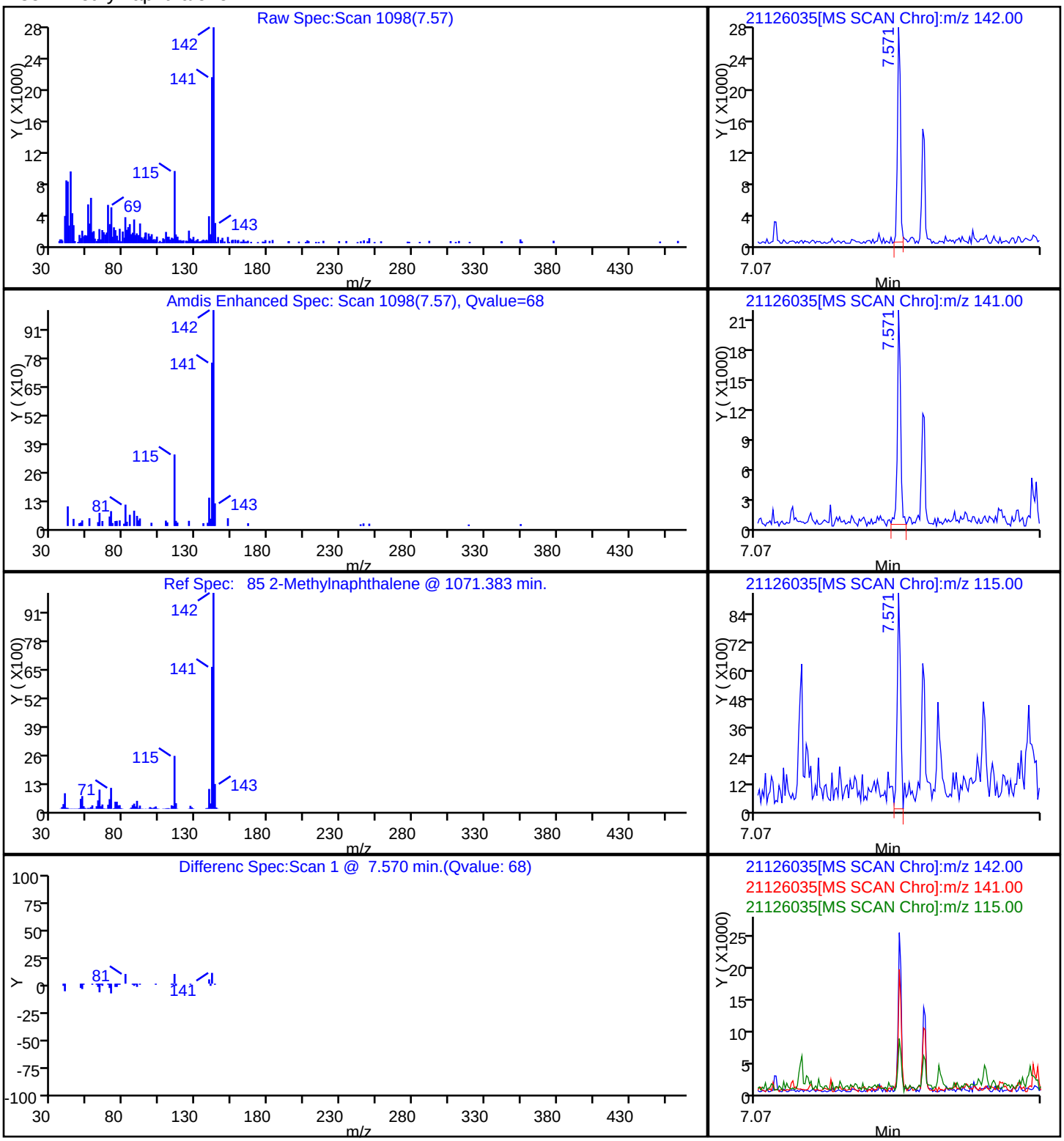
Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D

Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

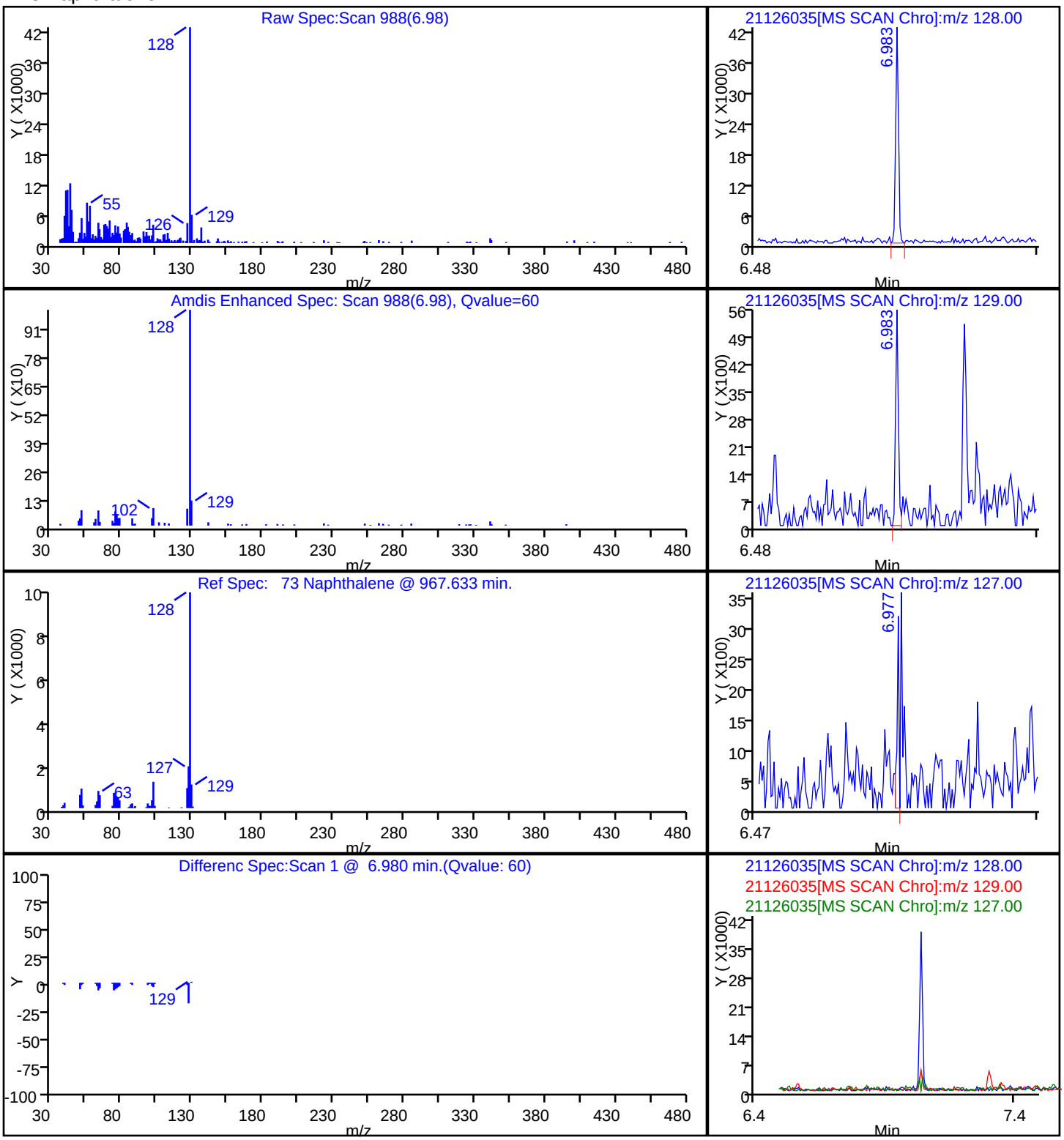


Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



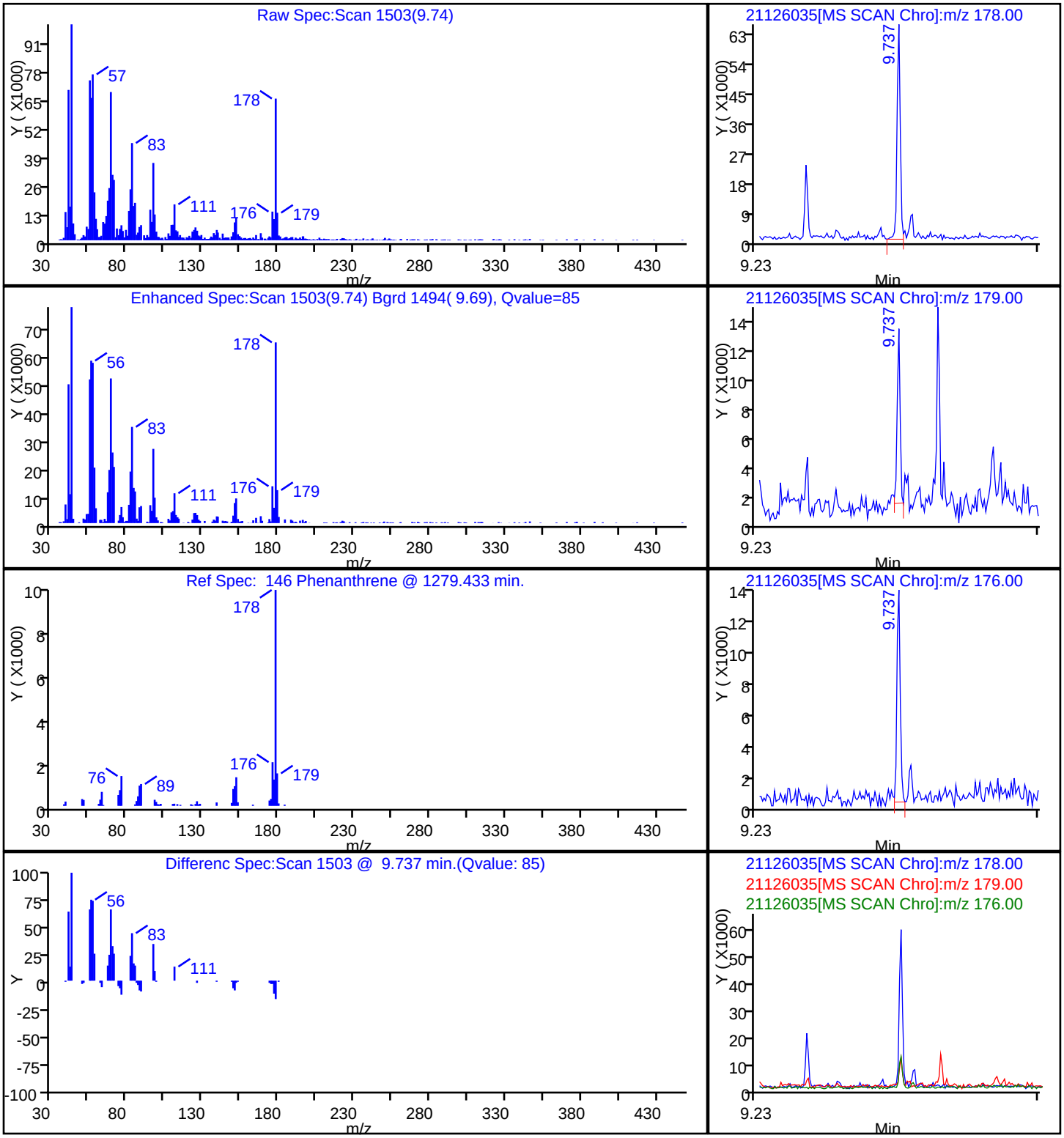
Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D

Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



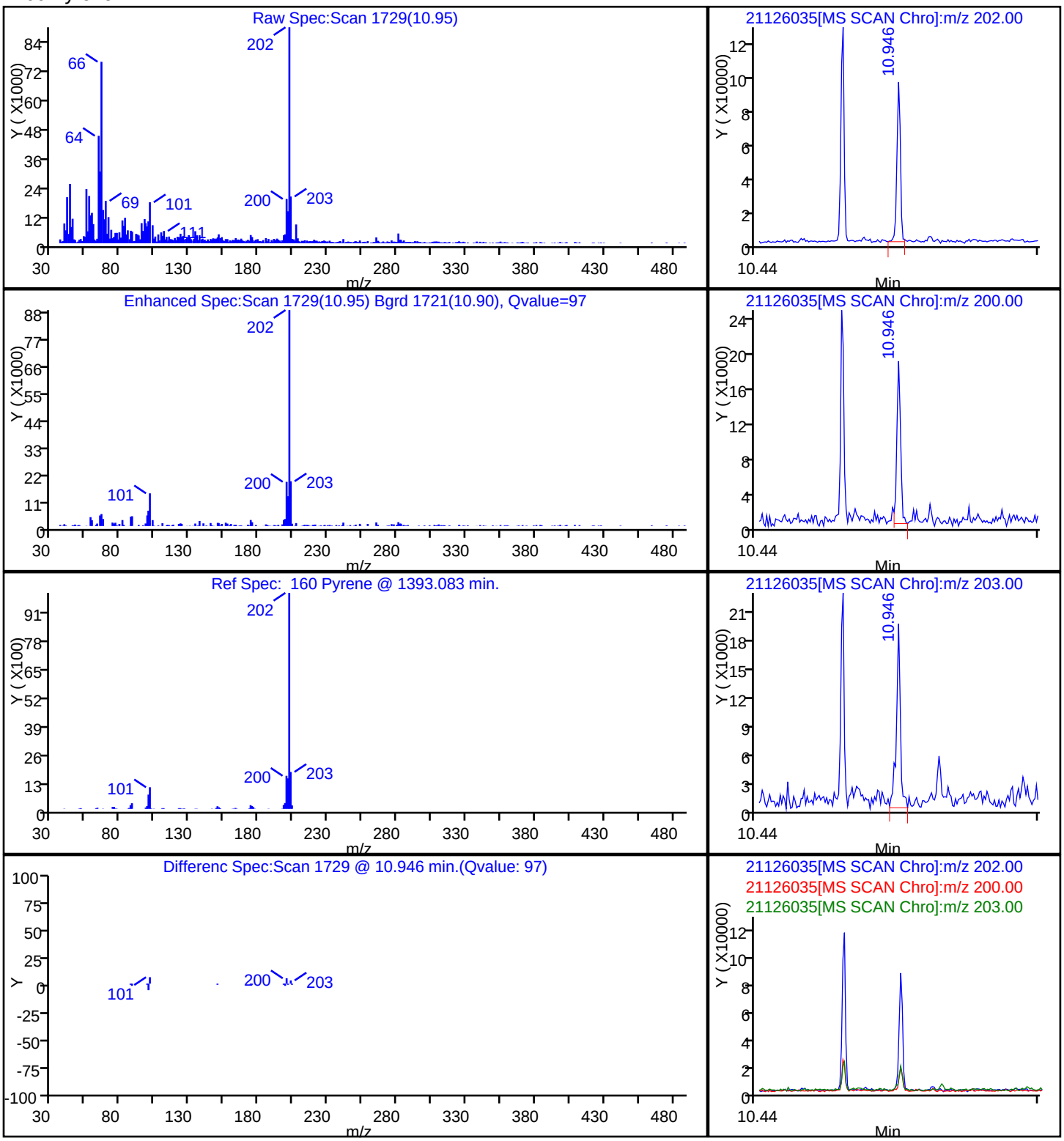
Report Date: 28-Nov-2012 15:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D

Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

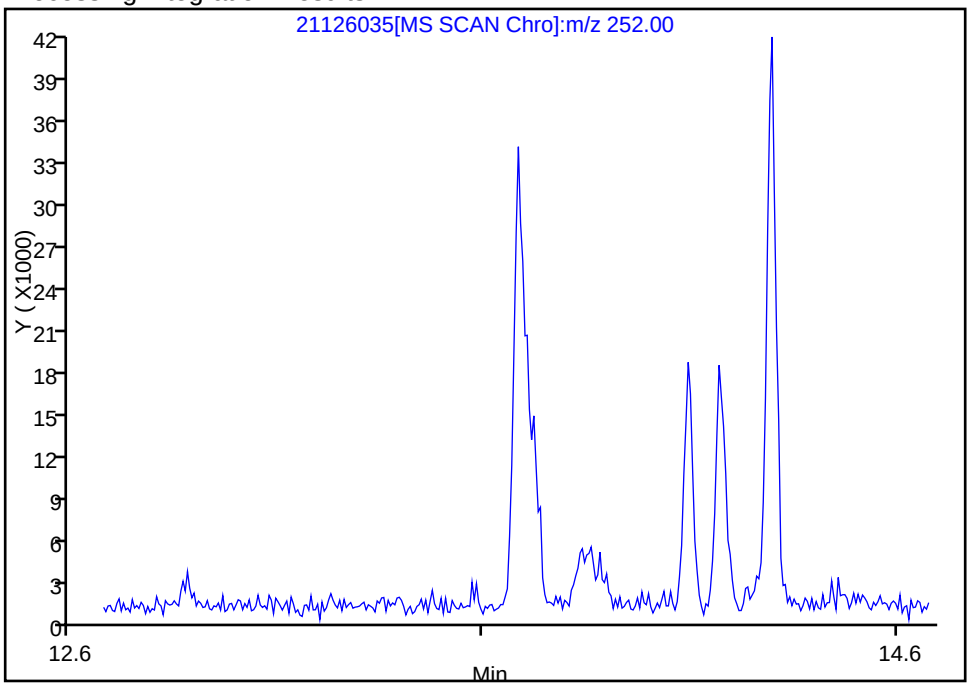
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
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Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.68

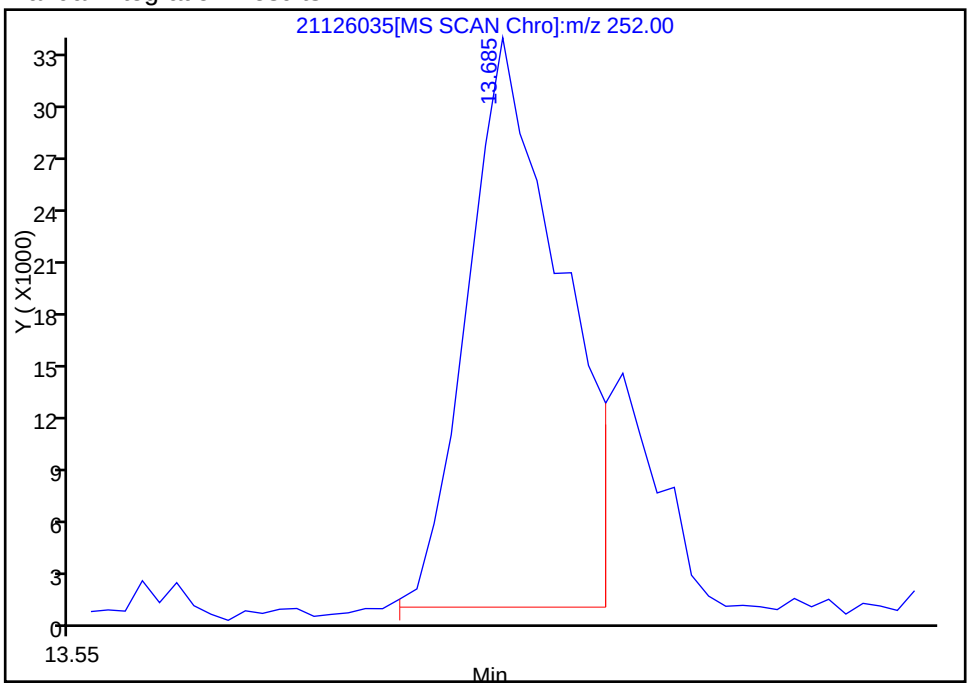
Not Detected
Expected RT: 13.68

Processing Integration Results



Manual Integration Results

RT: 13.68
Response: 66244
Amount: 0.453941



Reviewer: ulmanm, 28-Nov-2012 15:32:31
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

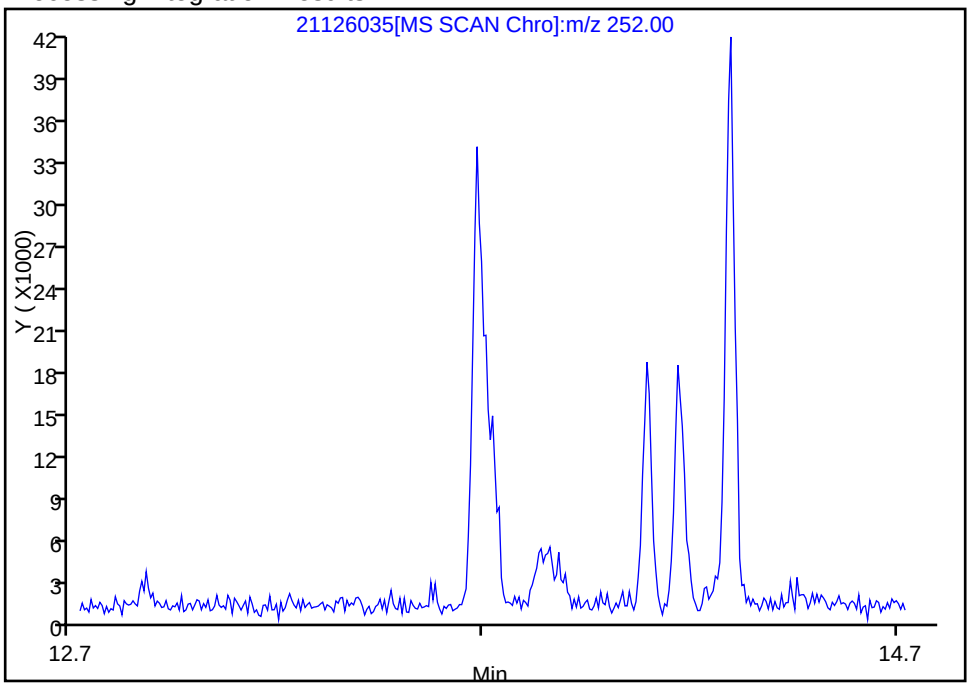
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126035.D		
Injection Date:	26-Nov-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	35
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

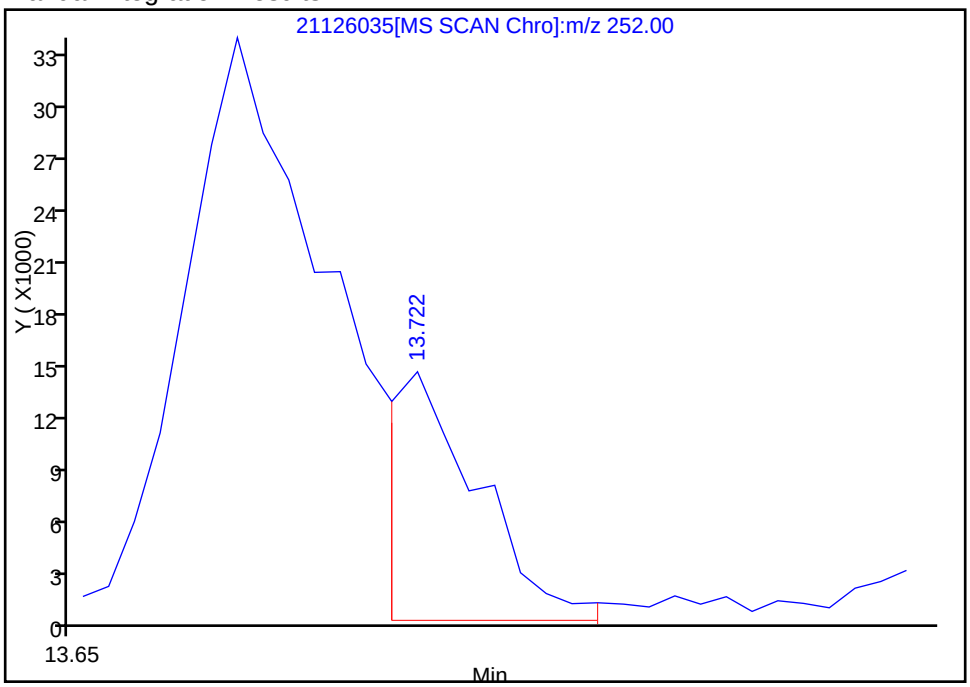
Not Detected
Expected RT: 13.72

Processing Integration Results



Manual Integration Results

RT: 13.72
Response: 18773
Amount: 0.118388



Reviewer: ulmanm, 28-Nov-2012 15:32:31
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00012-0001-SO | Lab Sample ID: 240-17422-12

Matrix: Solid | Lab File ID: 21126036.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.80(g) | Date Analyzed: 11/26/2012 16:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	4.9	J	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	12		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	20		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	25		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	5.7	J M	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	6.4	J M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	35	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	17		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00012-0001-SO | Lab Sample ID: 240-17422-12

Matrix: Solid | Lab File ID: 21126036.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.80(g) | Date Analyzed: 11/26/2012 16:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	35		6.7	3.3	3.3
86-73-7	Fluorene	5.8	J	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	10		6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	7.7		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	8.4		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	29		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	24		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00012-0001-SO | Lab Sample ID: 240-17422-12

Matrix: Solid | Lab File ID: 21126036.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.80(g) | Date Analyzed: 11/26/2012 16:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	71		35-125
4165-62-2	Phenol-d5 (Surr)	66		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126036.D
Lims ID: 240-17422-A-12-E
Client ID: 068SD-00012-0001-SO
Inject. Date: 26-Nov-2012 16:41:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015260-036
Misc. Info.: 240-17422-a-12-e
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 23
Lims Batch ID: 66246
Lims Sample ID: 36
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:48:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	162040	4.00	
* 2 Naphthalene-d8	136	6.966	6.961	0.005	99	624706	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	88	363111	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	97	643258	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	96	698546	4.00	
* 6 Perylene-d12	264	14.262	14.251	0.011	96	460822	4.00	
$ 7 2-Fluorophenol	112	4.602	4.565	0.037	92	471689	9.42	
$ 8 Phenol-d5	99	5.496	5.485	0.011	96	627836	9.87	
$ 9 Nitrobenzene-d5	82	6.335	6.330	0.005	88	323521	5.89	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	690160	5.86	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	160009	10.7	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	98	862386	6.67	
41 Phenol	94	5.506	5.501	0.005	55	17594	0.2595	
44 Bis(2-chloroethyl)ether	93		5.592					
46 2-Chlorophenol	128		5.646					9
47 1,3-Dichlorobenzene	146		5.790					9
48 1,4-Dichlorobenzene	146		5.854					9
49 Benzyl alcohol	108		5.956					
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					9
52 2,2'-oxybis[1-chloropropane]	45		6.073					9
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					9
63 Isophorone	82	6.555	6.555	0.0	83	15896	0.1595	
65 2-Nitrophenol	139		6.624					9
64 2,4-Dimethylphenol	107		6.646					9
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.833					
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128	6.983	6.983	0.0	27	19472	0.1247	
74 4-Chloroaniline	127		7.015					9
77 Hexachlorobutadiene	225		7.079					
84 4-Chloro-3-methylphenol	107		7.416					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	68	11529	0.1155	
88 Hexachlorocyclopentadiene	237		7.699					
90 2,4,6-Trichlorophenol	196		7.801					
91 2,4,5-Trichlorophenol	196		7.833					
98 2-Chloronaphthalene	162		7.988					9
100 2-Nitroaniline	65		8.063					9
103 Dimethyl phthalate	163		8.202					
105 2,6-Dinitrotoluene	165		8.261					
107 Acenaphthylene	152		8.341					
108 3-Nitroaniline	138		8.405					9
110 Acenaphthene	153		8.486					
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					
112 2,4-Dinitrotoluene	165		8.598					
114 Dibenzofuran	168		8.630					
119 Diethyl phthalate	149	8.790	8.791	0.0	73	17688	0.1587	
121 4-Chlorophenyl phenyl ether	204		8.908					
124 Fluorene	166	8.919	8.919	0.0	64	10198	0.0859	
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					
130 N-Nitrosodiphenylamine	169		9.004					
137 4-Bromophenyl phenyl ether	248		9.320					
139 Hexachlorobenzene	284		9.384					
141 Pentachlorophenol	266		9.545					
146 Phenanthrene	178	9.737	9.732	0.005	92	75718	0.4309	
147 Anthracene	178	9.780	9.780	0.0	76	12744	0.0730	
149 Carbazole	167		9.903					
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	61	26245	0.1378	
157 Fluoranthene	202	10.753	10.737	0.016	95	100243	0.5165	
160 Pyrene	202	10.946	10.941	0.005	95	79165	0.3552	
166 Butyl benzyl phthalate	149		11.518					9
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	55	42222	0.5207	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	72	35064	0.1799	
176 Chrysene	228	12.256	12.251	0.005	63	45773	0.2464	
178 Di-n-octyl phthalate	149		13.064					
180 Benzo[b]fluoranthene	252	13.684	13.679	0.005	92	55702	0.3789	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	0	15168	0.0950	M
182 Benzo[a]pyrene	252	14.176	14.171	0.005	54	26976	0.2944	
186 Indeno[1,2,3-cd]pyrene	276	15.893	15.877	0.016	58	11578	0.1519	
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276	16.311	16.305	0.006	0	11266	0.0854	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

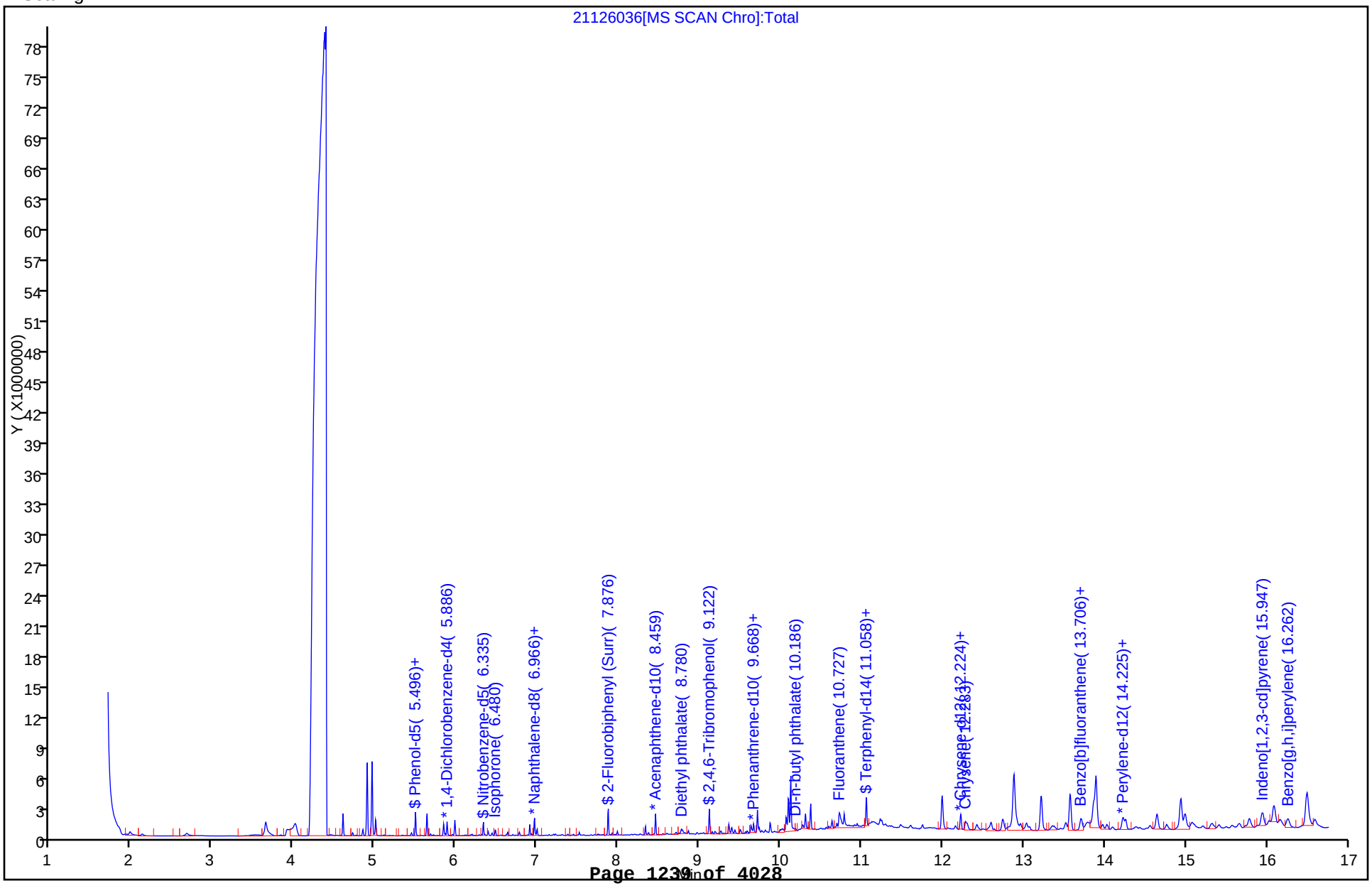
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126036.D		
Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

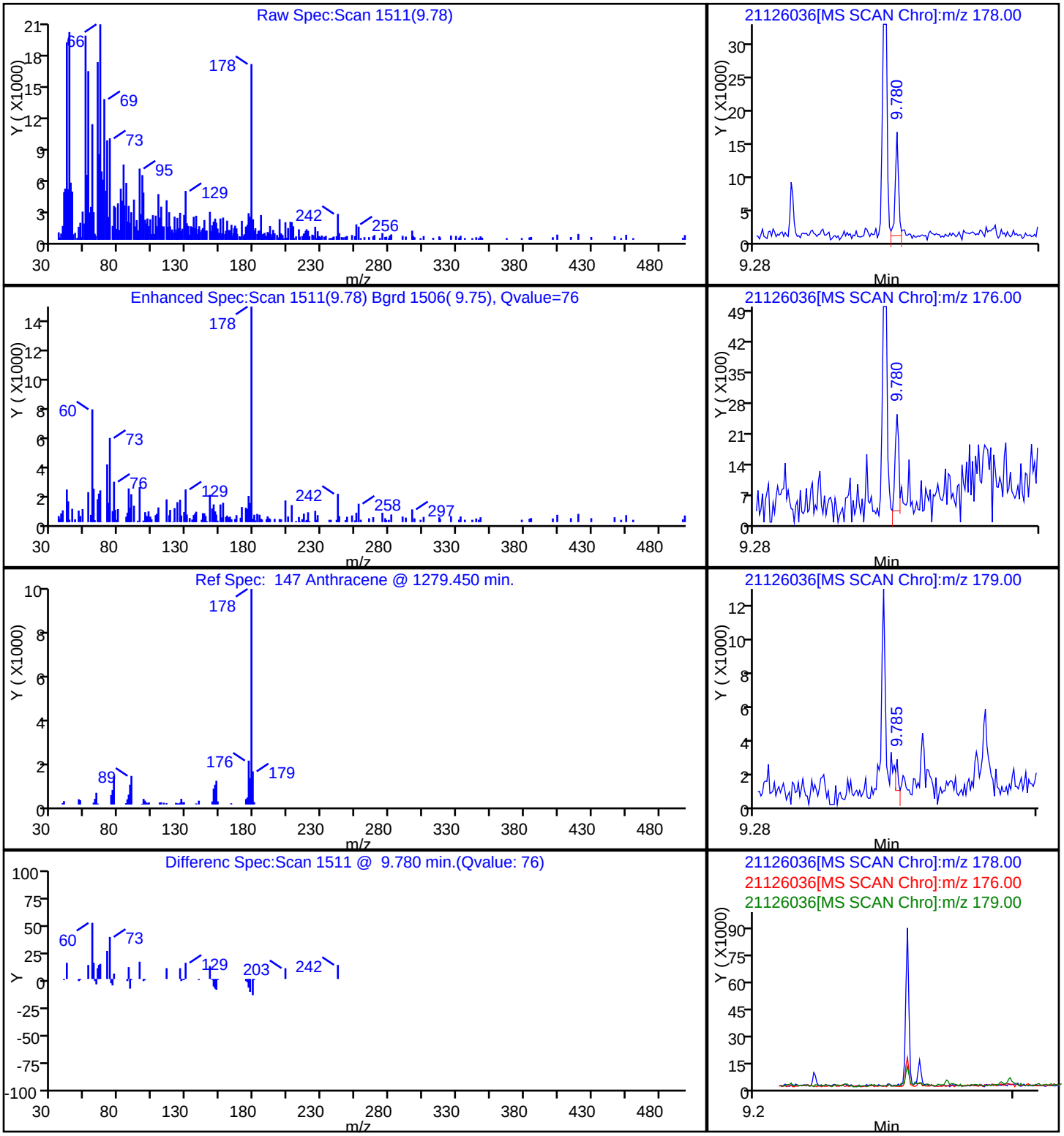


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126036.D		
Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

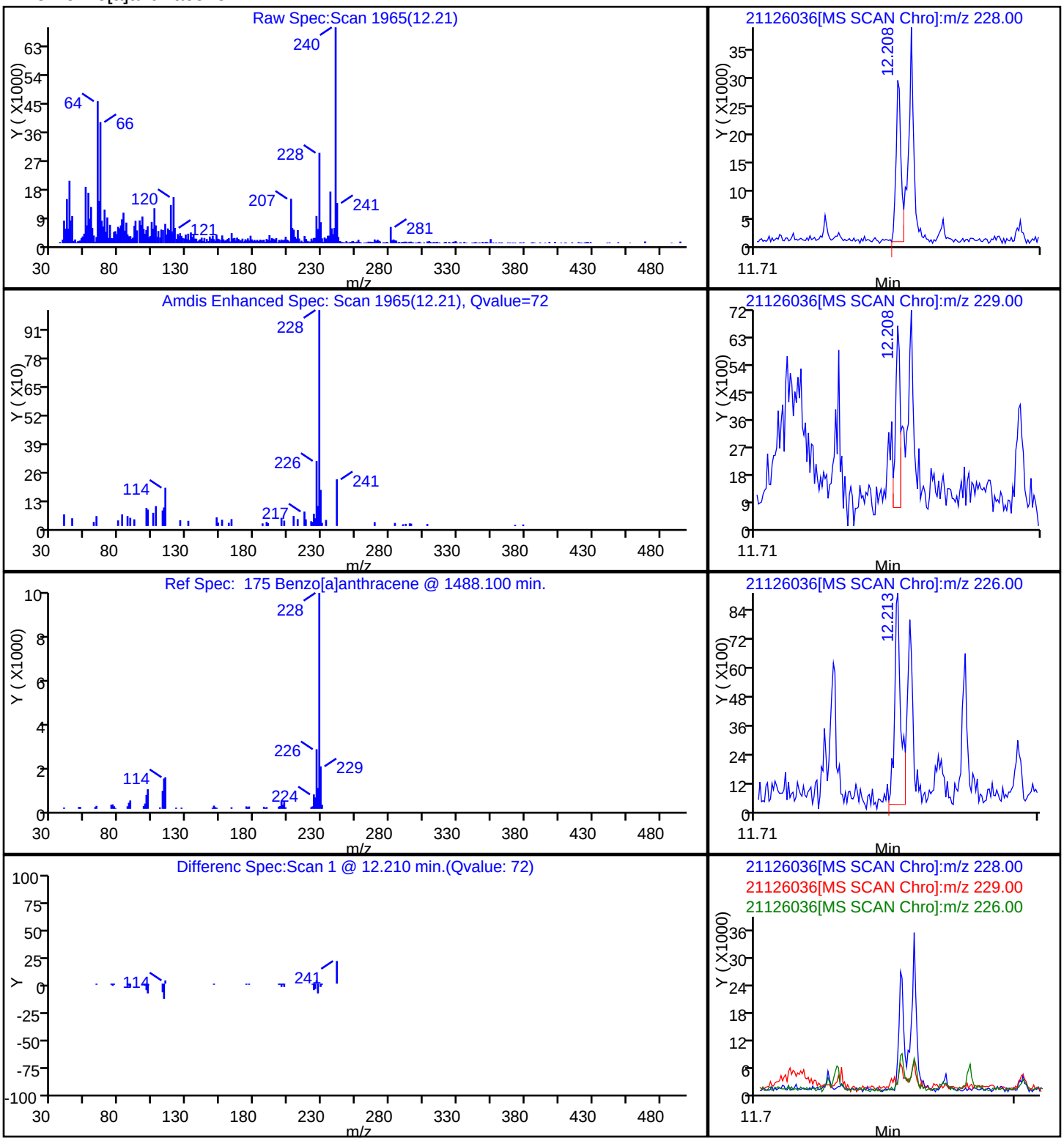


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

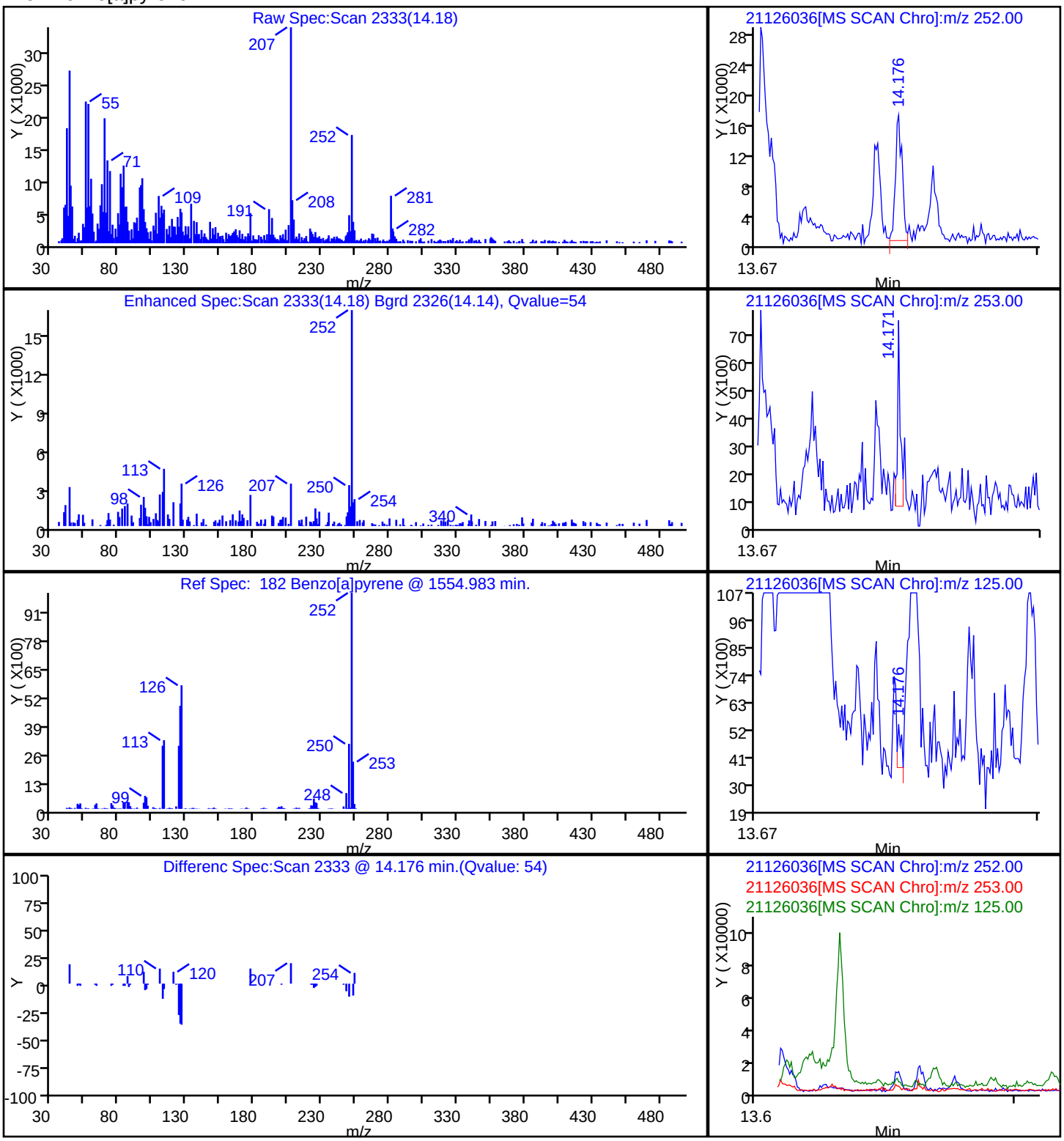


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

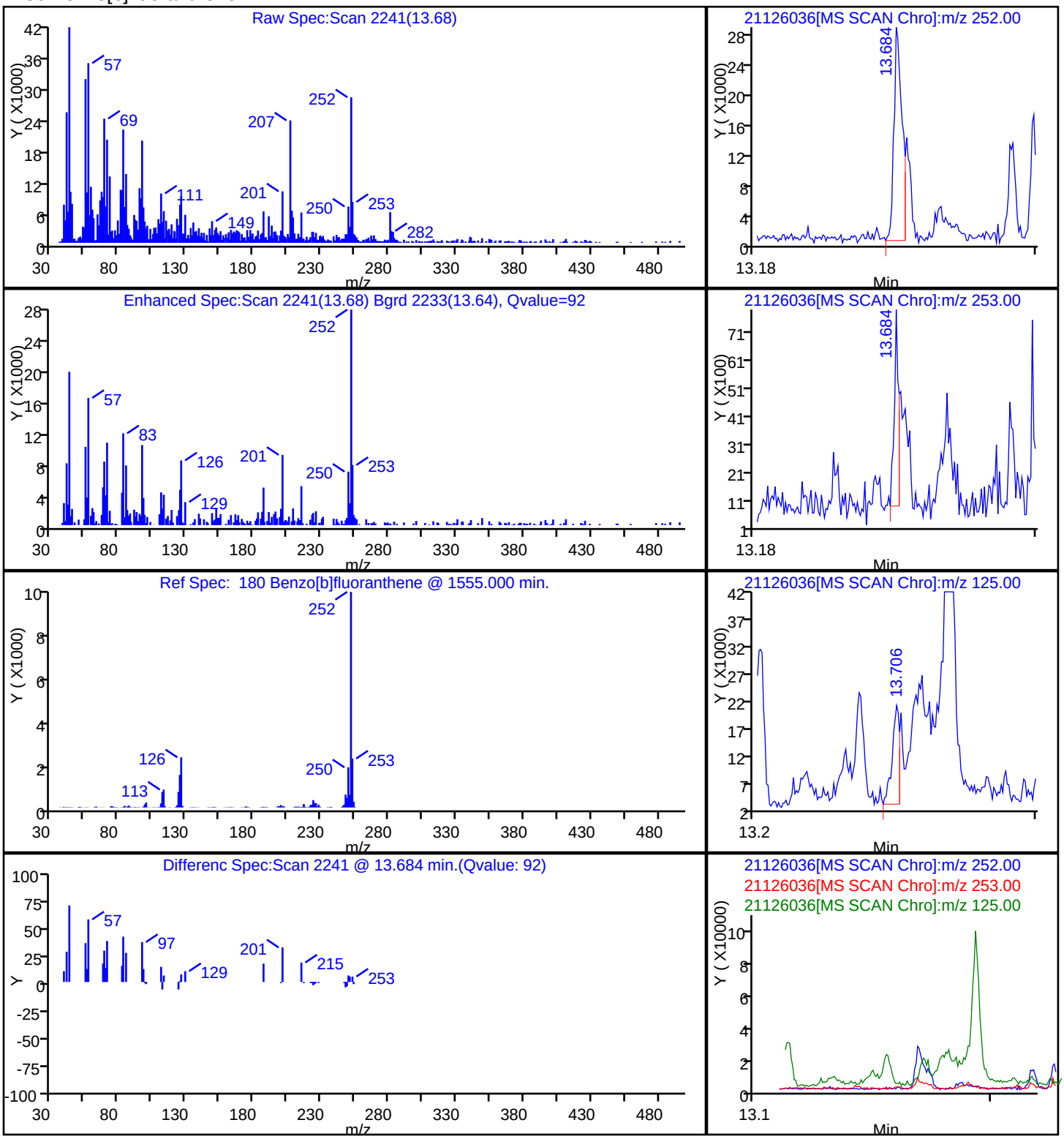


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

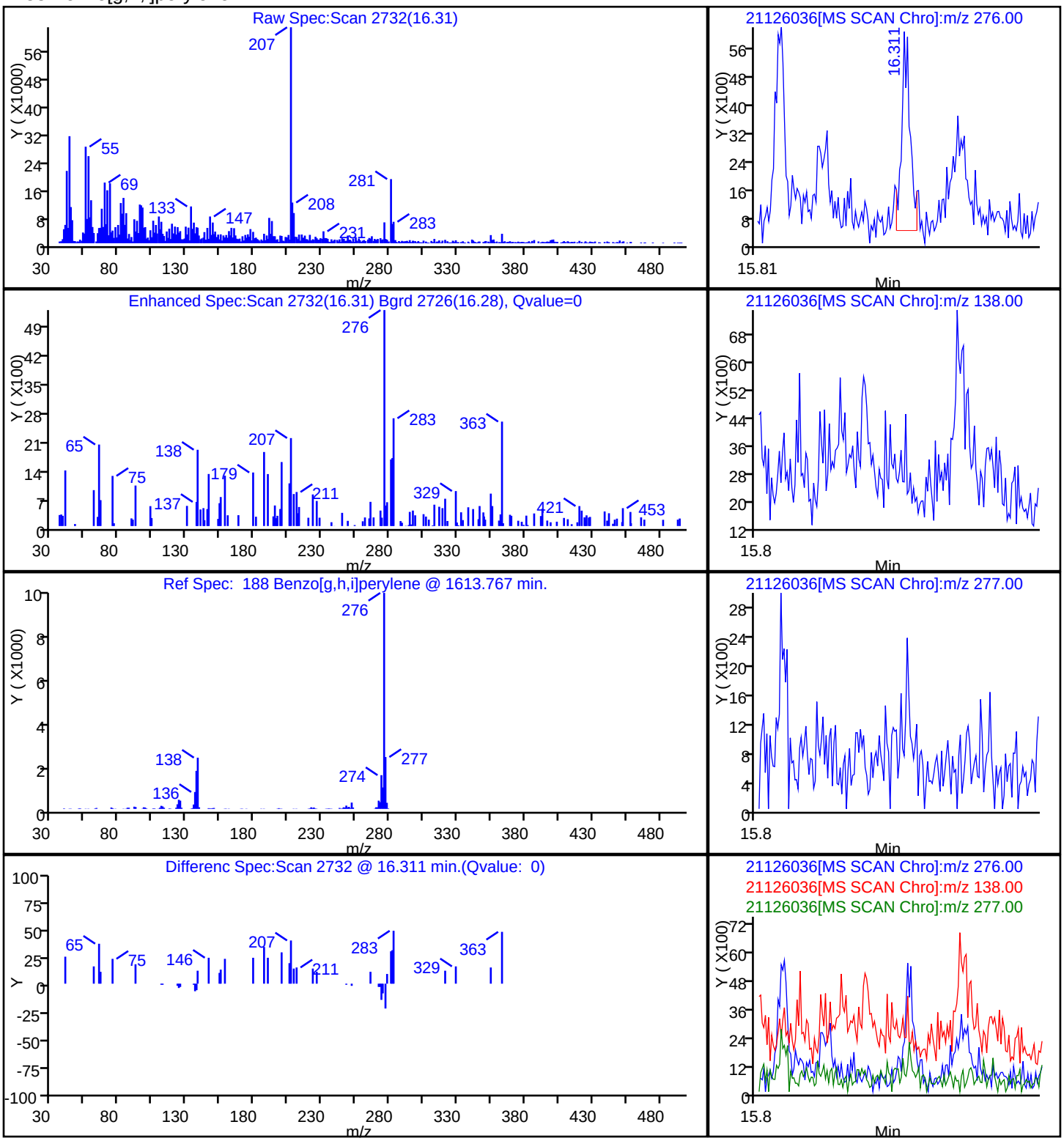


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

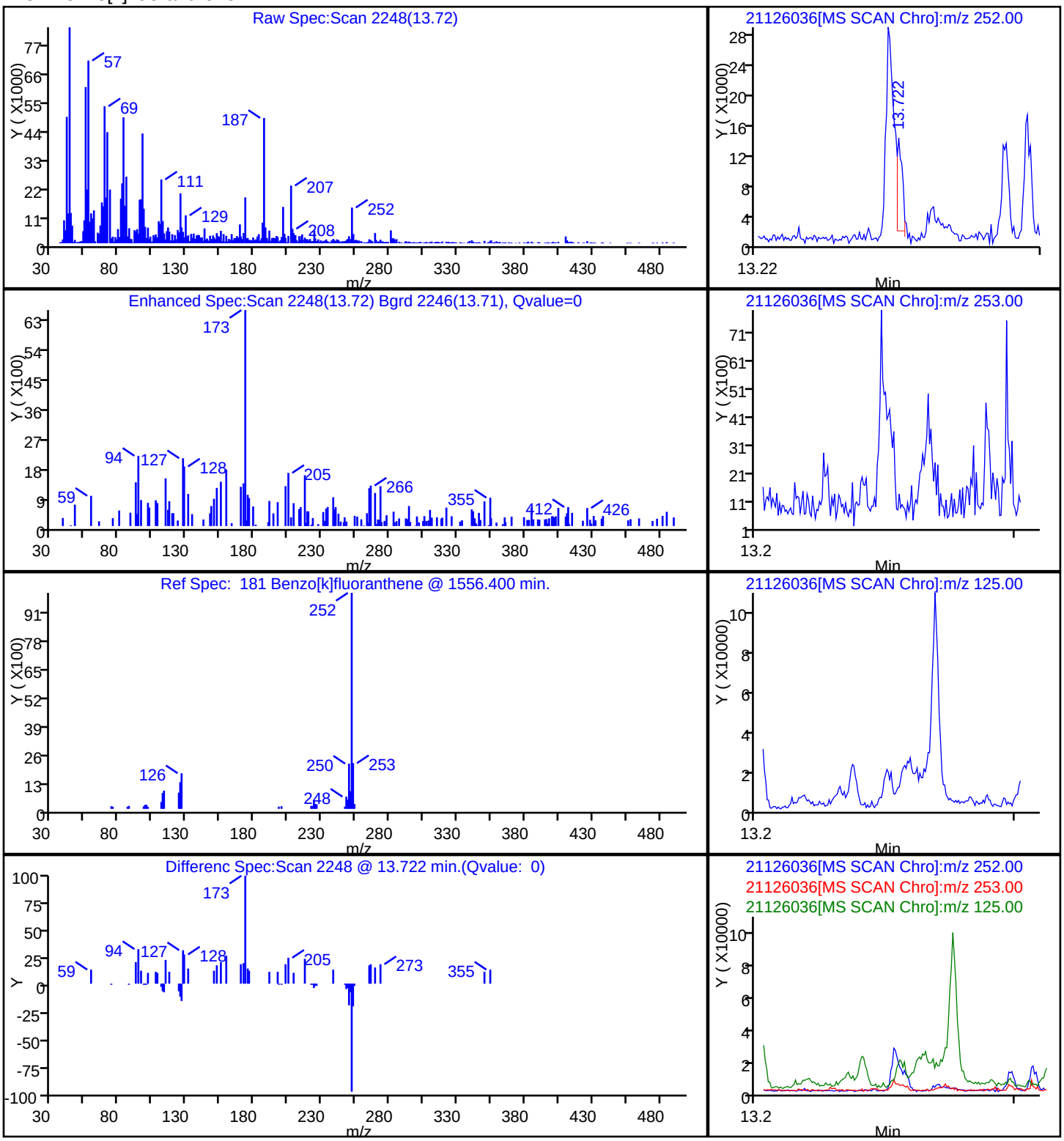


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

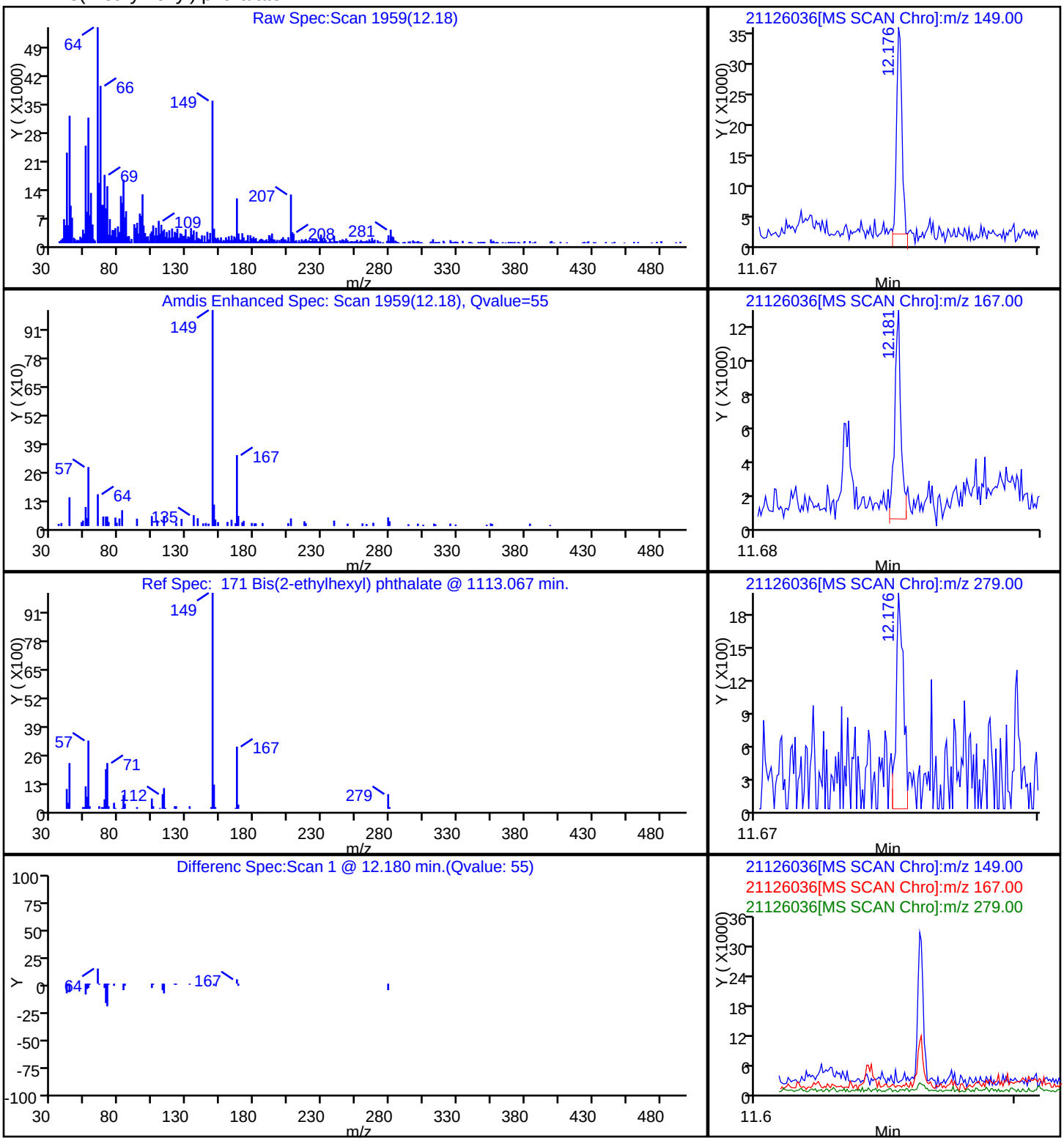


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



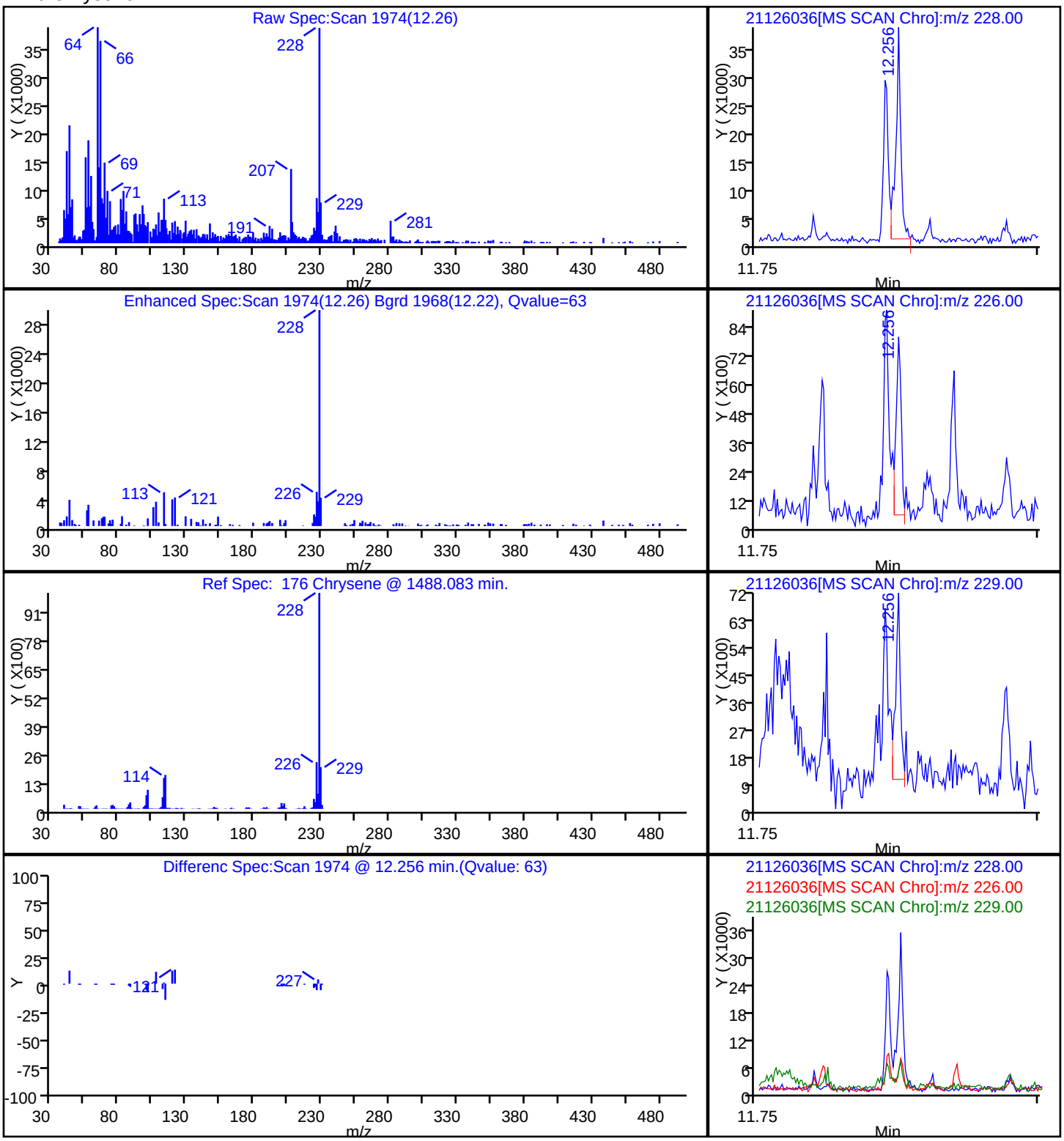
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TestAmerica Canton

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Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

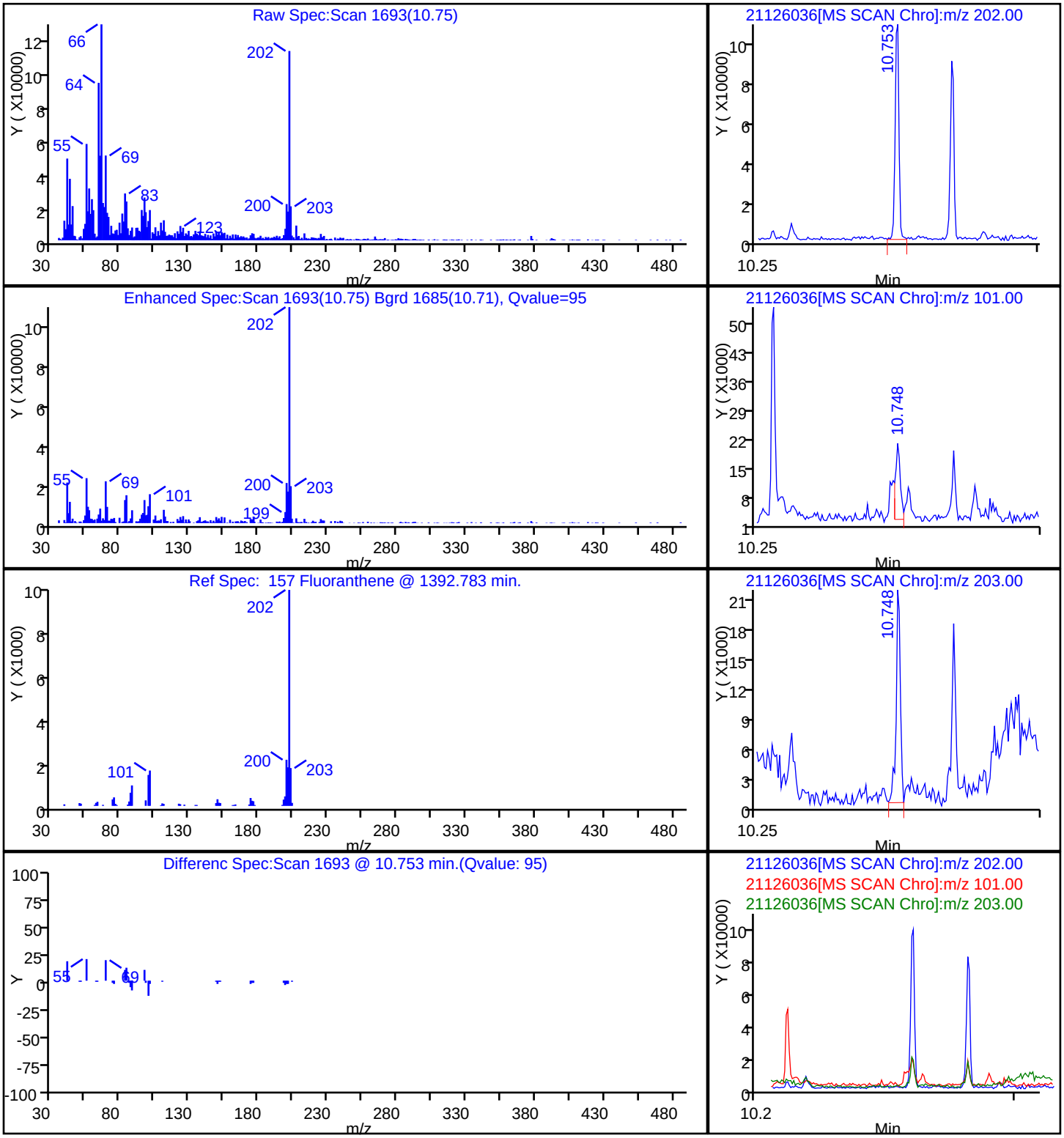


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

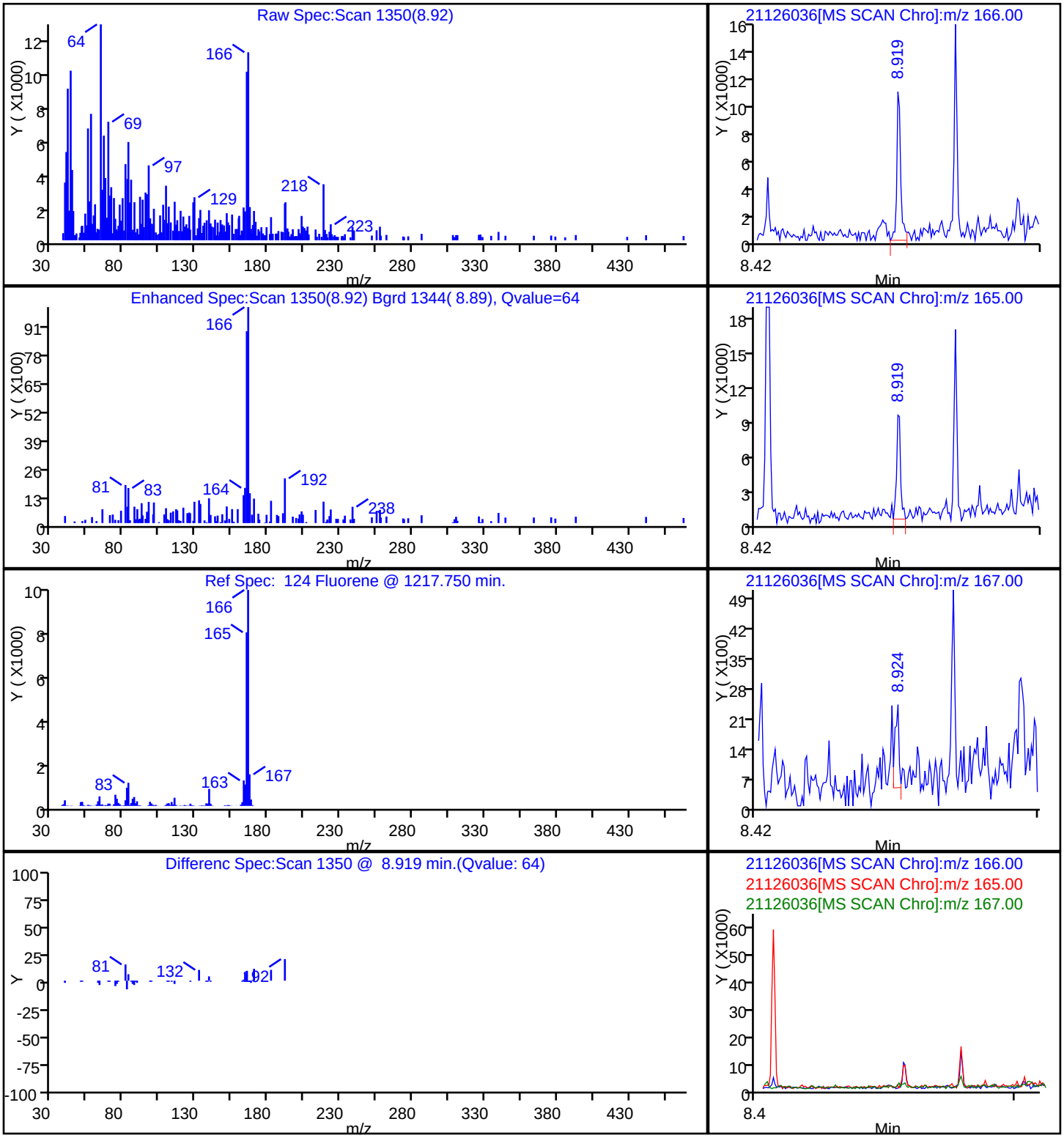


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

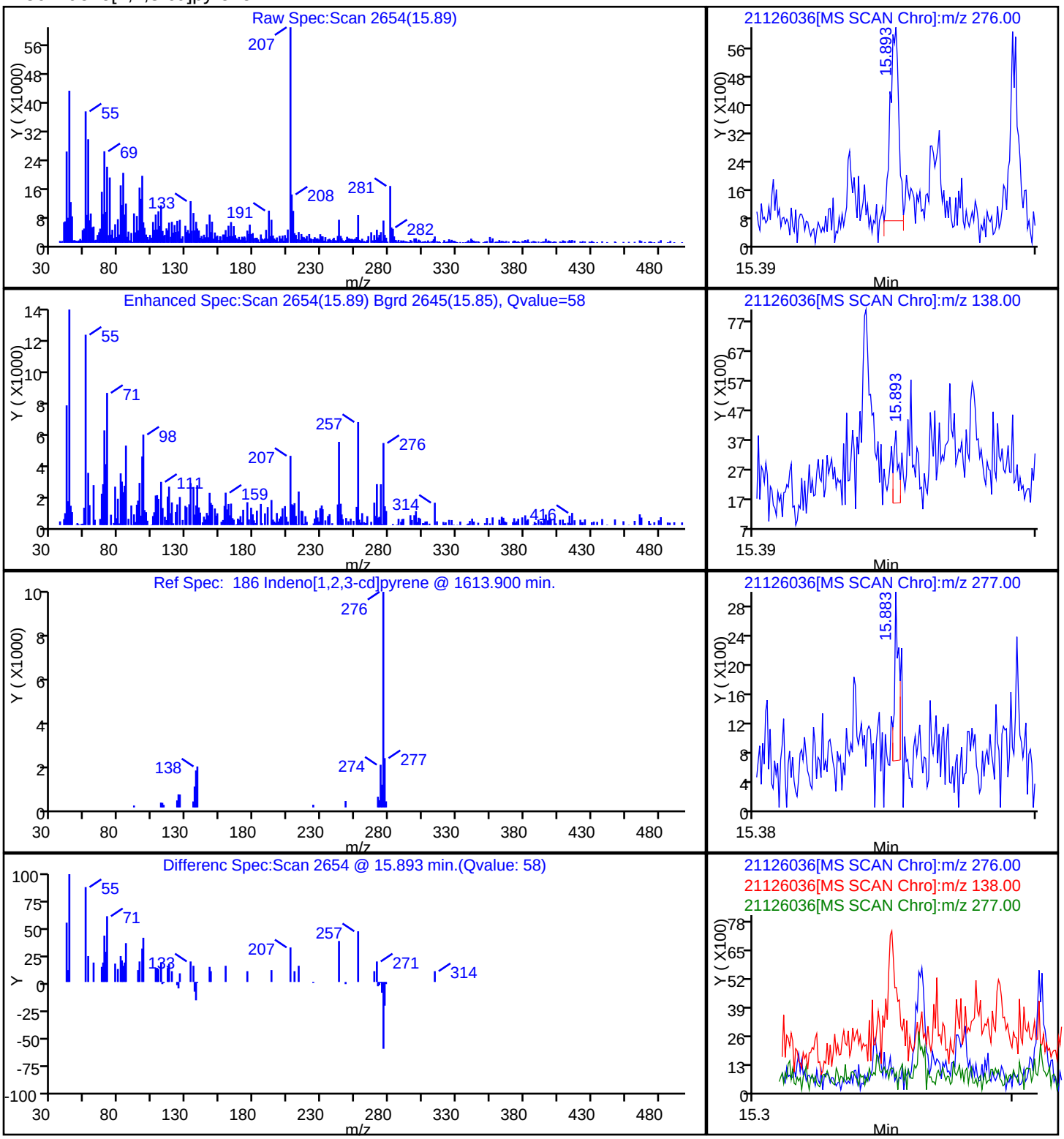


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

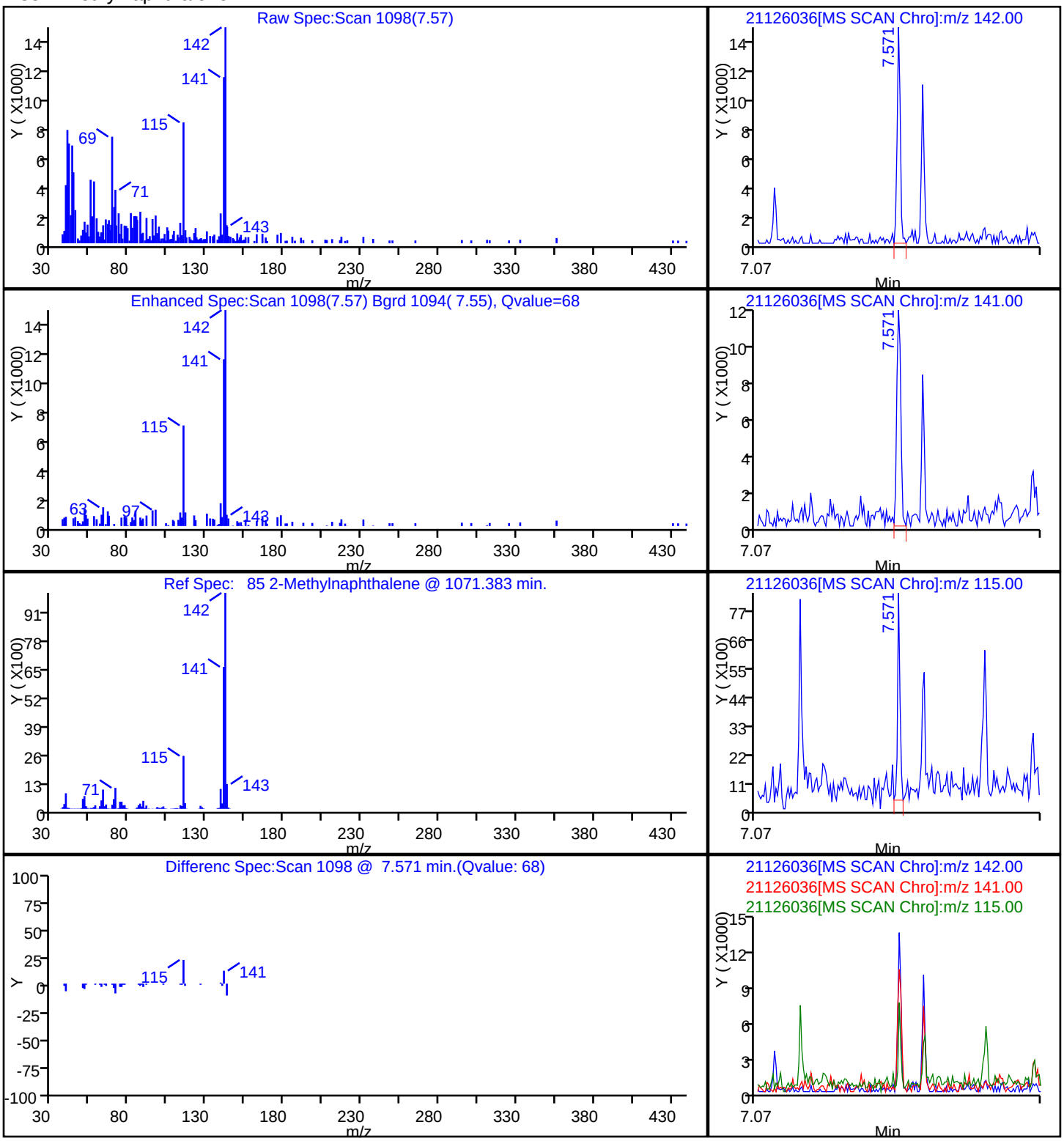


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

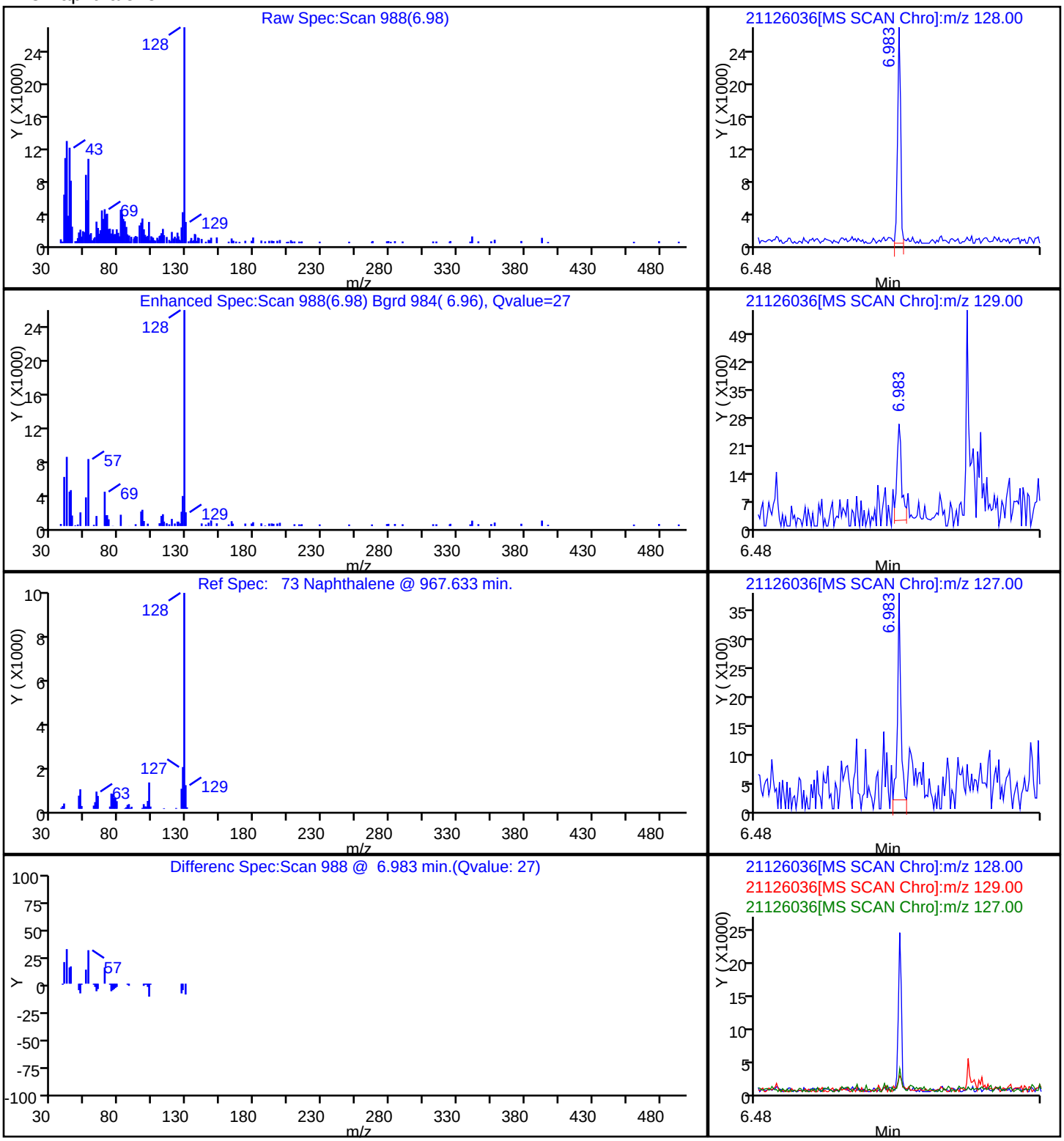


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

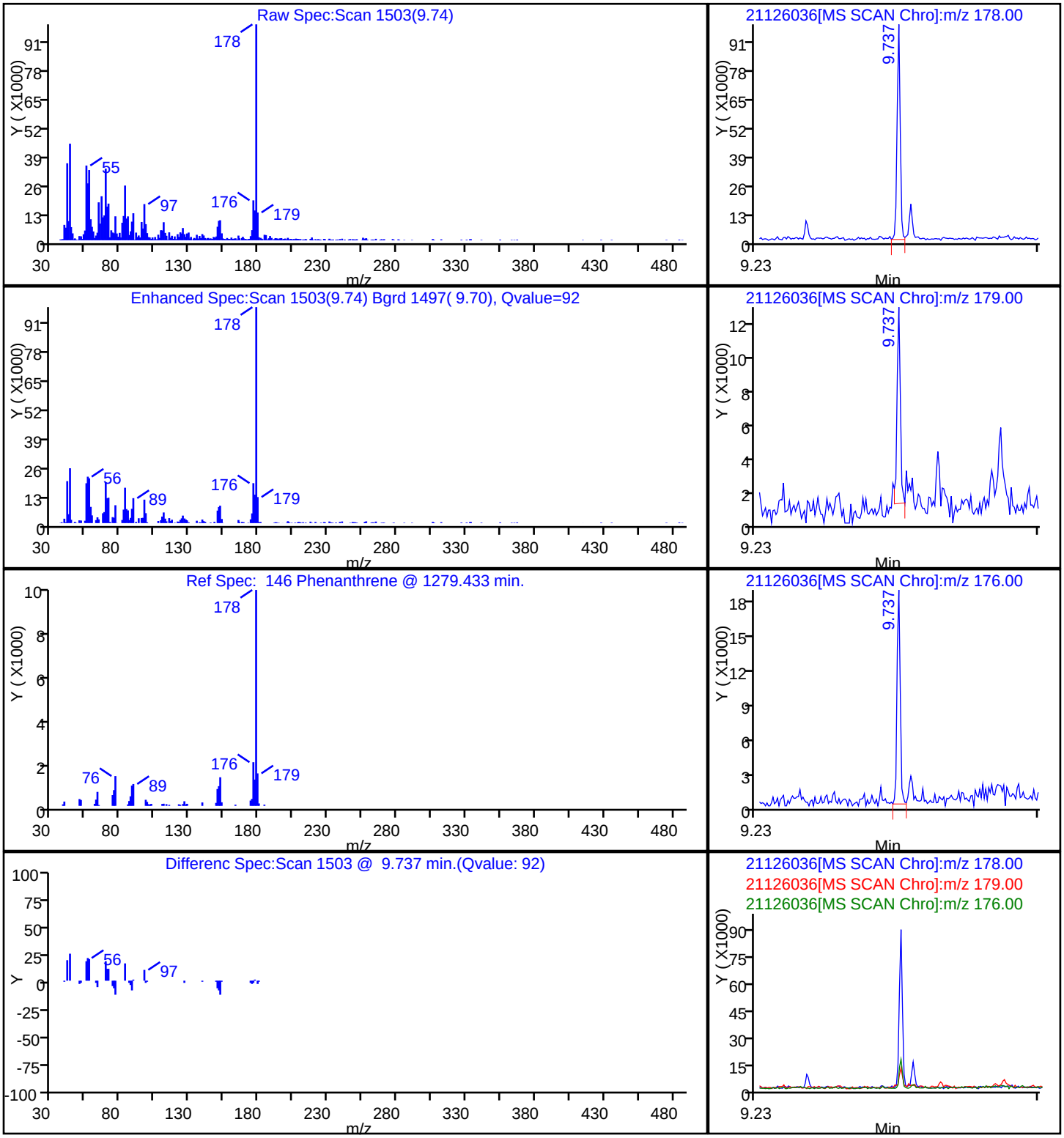


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TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

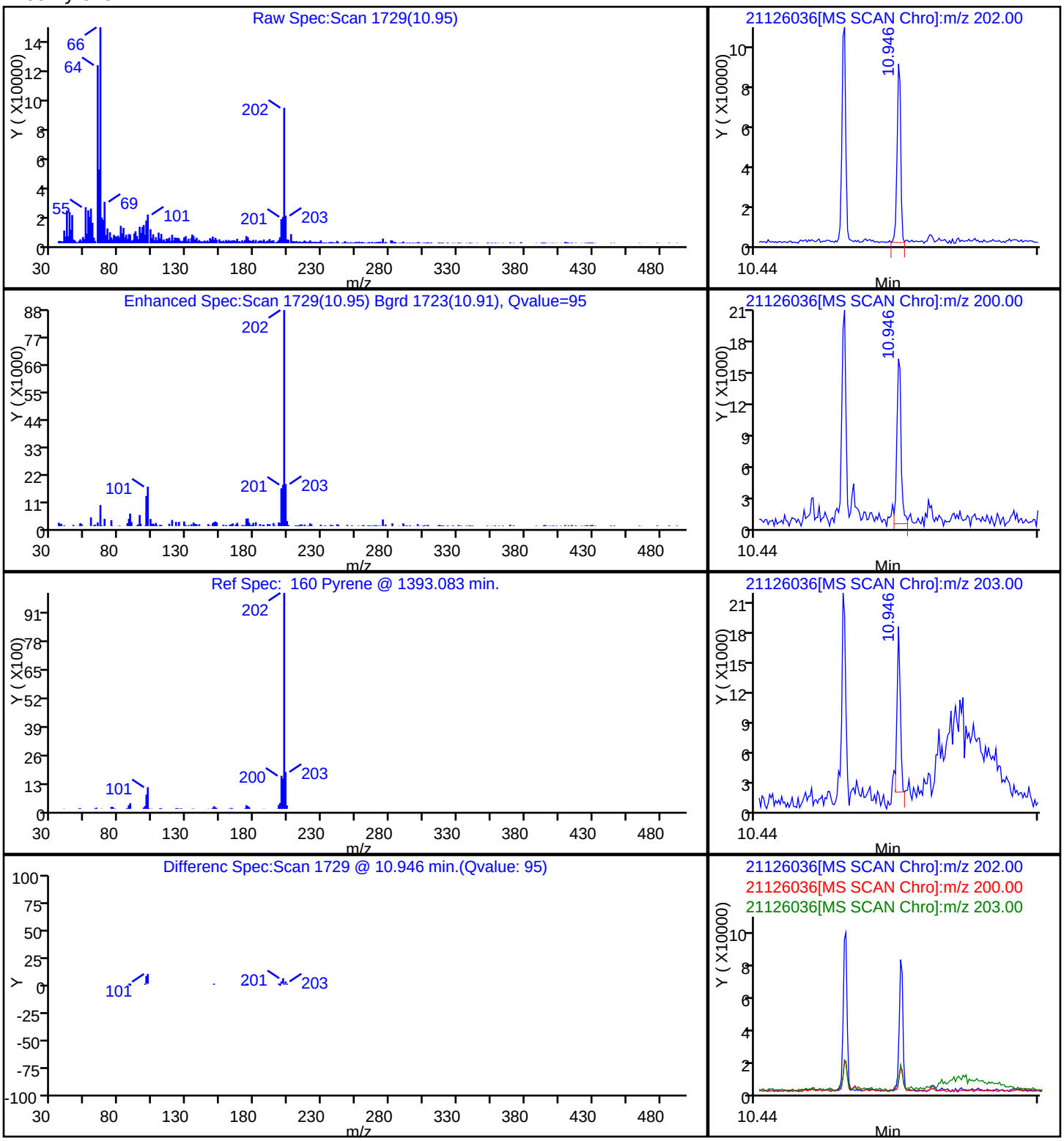


Report Date: 27-Nov-2012 16:01:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

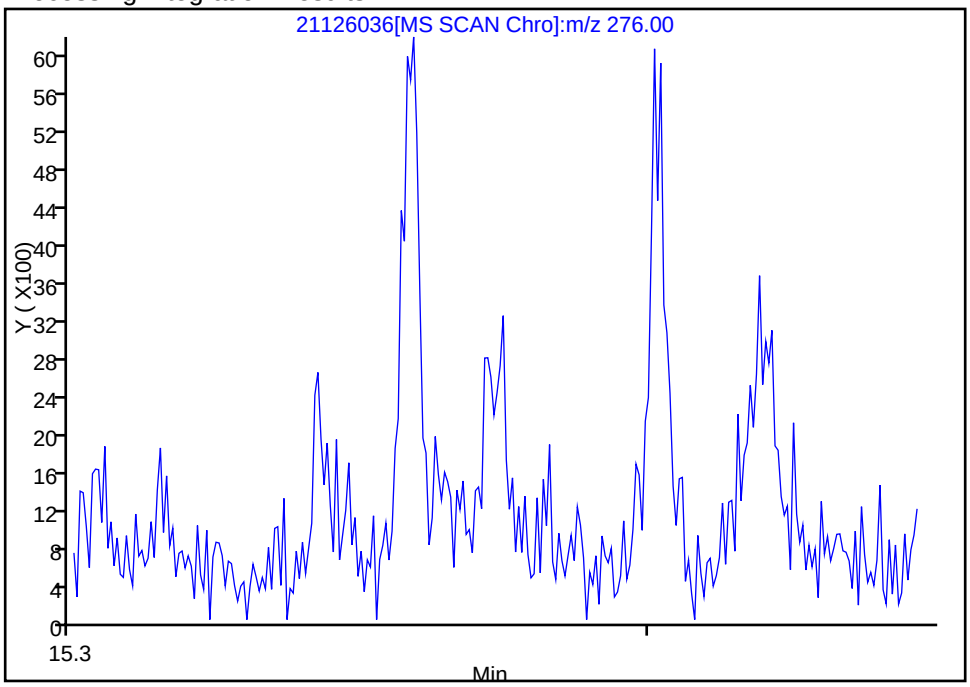
TestAmerica Canton

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Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.31

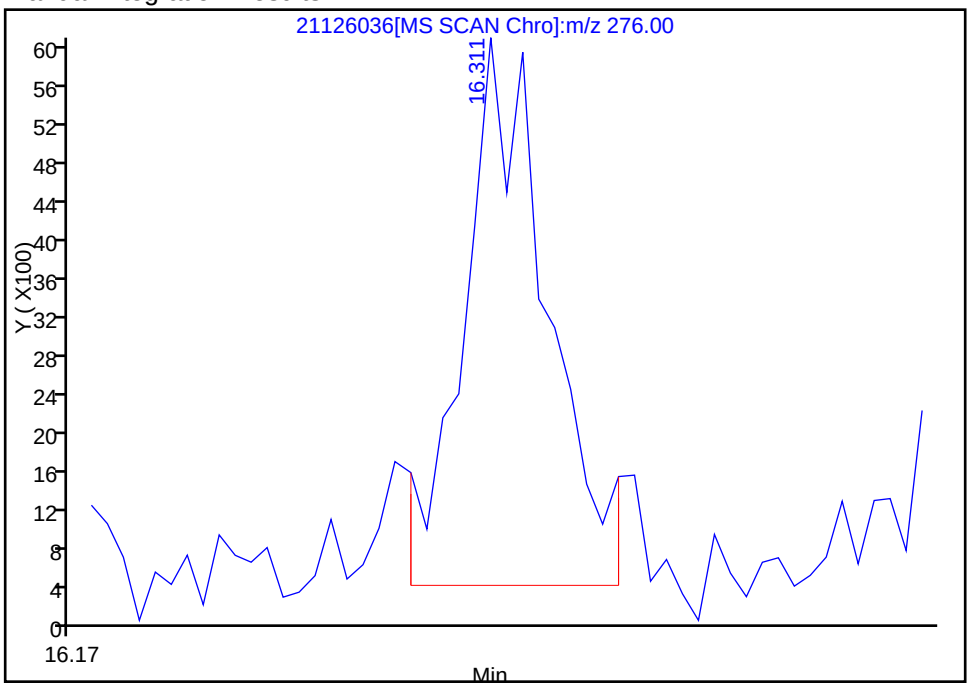
Not Detected
Expected RT: 16.31

Processing Integration Results



Manual Integration Results

RT: 16.31
Response: 11266
Amount: 0.085393



Reviewer: gruberj, 27-Nov-2012 15:48:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

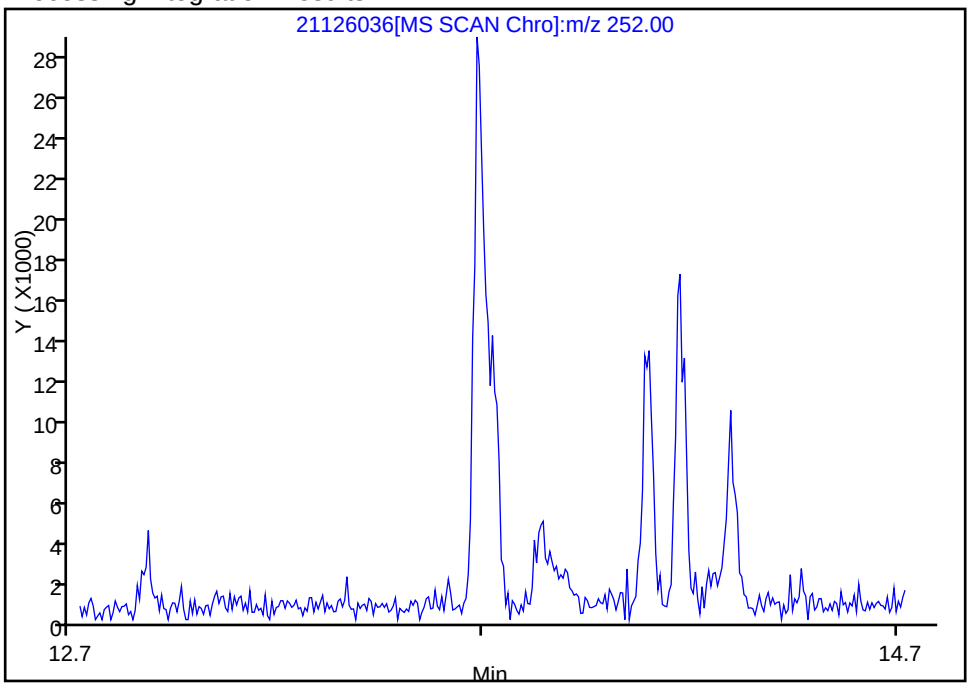
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126036.D		
Injection Date:	26-Nov-2012 16:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	36
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

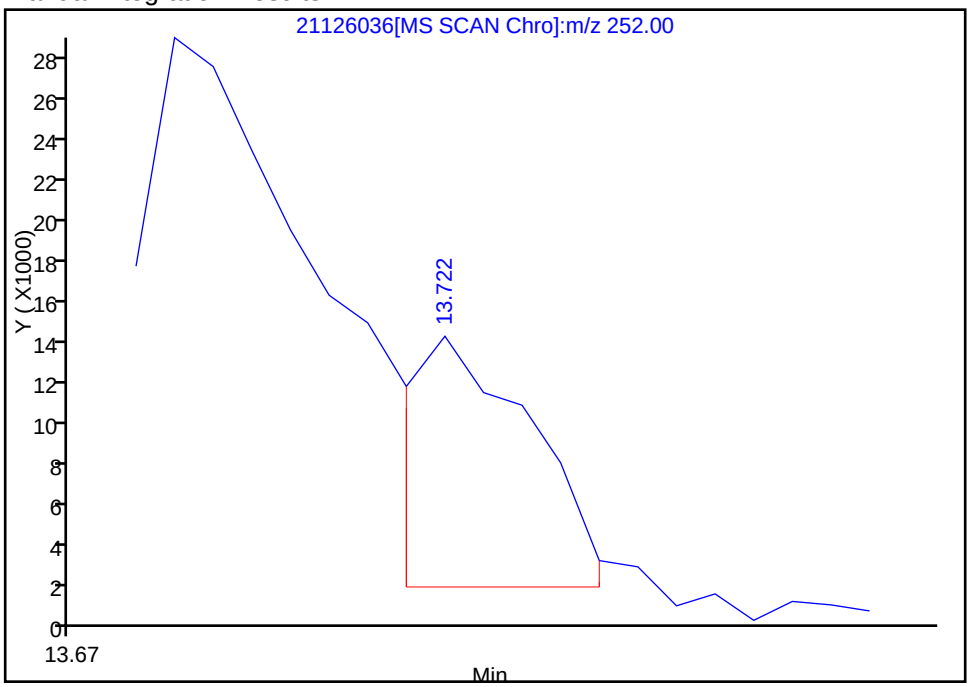
Not Detected
Expected RT: 13.72

Processing Integration Results



Manual Integration Results

RT: 13.72
Response: 15168
Amount: 0.094955



Reviewer: gruberj, 27-Nov-2012 15:48:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW | Lab Sample ID: 240-17422-13

Matrix: Water | Lab File ID: 21116008.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 11:36

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	0.095	U	0.19	0.095	0.095
208-96-8	Acenaphthylene	0.095	U	0.19	0.095	0.095
120-12-7	Anthracene	0.095	U	0.19	0.095	0.095
56-55-3	Benzo[a]anthracene	0.095	U	0.19	0.095	0.095
50-32-8	Benzo[a]pyrene	0.095	U J	0.19	0.095	0.095
205-99-2	Benzo[b]fluoranthene	0.095	U	0.19	0.095	0.095
191-24-2	Benzo[g,h,i]perylene	0.095	U	0.19	0.095	0.095
65-85-0	Benzoic acid	9.5	U	24	9.5	9.5
207-08-9	Benzo[k]fluoranthene	0.095	U	0.19	0.095	0.095
100-51-6	Benzyl alcohol	0.76	U	4.8	0.76	0.36
111-91-1	Bis(2-chloroethoxy)methane	0.76	U	0.95	0.76	0.30
111-44-4	Bis(2-chloroethyl)ether	0.095	U	0.95	0.095	0.095
108-60-1	bis (2-chloroisopropyl) ether	0.76	U	0.95	0.76	0.38
117-81-7	Bis(2-ethylhexyl) phthalate	0.76	U	1.9	0.76	0.76
101-55-3	4-Bromophenyl phenyl ether	0.76	U	1.9	0.76	0.76
85-68-7	Butyl benzyl phthalate	0.76	U	0.95	0.76	0.76
86-74-8	Carbazole	0.76	U	0.95	0.76	0.27
106-47-8	4-Chloroaniline	0.76	U	1.9	0.76	0.76
59-50-7	4-Chloro-3-methylphenol	0.76	U	1.9	0.76	0.76
91-58-7	2-Chloronaphthalene	0.095	U	0.95	0.095	0.095
95-57-8	2-Chlorophenol	0.76	U	0.95	0.76	0.28
7005-72-3	4-Chlorophenyl phenyl ether	0.76	U	1.9	0.76	0.29
218-01-9	Chrysene	0.095	U	0.19	0.095	0.095
53-70-3	Dibenz(a,h)anthracene	0.095	U	0.19	0.095	0.095
132-64-9	Dibenzofuran	0.095	U	0.95	0.095	0.095
106-46-7	1,4-Dichlorobenzene	0.76	U	0.95	0.76	0.32
95-50-1	1,2-Dichlorobenzene	0.76	U	0.95	0.76	0.28
541-73-1	1,3-Dichlorobenzene	0.76	U	0.95	0.76	0.76
91-94-1	3,3'-Dichlorobenzidine	0.76	U J	4.8	0.76	0.35
120-83-2	2,4-Dichlorophenol	0.76	U	1.9	0.76	0.76
84-66-2	Diethyl phthalate	0.76	U	0.95	0.76	0.57
105-67-9	2,4-Dimethylphenol	0.76	U	1.9	0.76	0.76
131-11-3	Dimethyl phthalate	0.76	U	0.95	0.76	0.28
84-74-2	Di-n-butyl phthalate	0.76	U	0.95	0.76	0.64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW | Lab Sample ID: 240-17422-13

Matrix: Water | Lab File ID: 21116008.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 11:36

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	2.3	U	4.8	2.3	2.3
51-28-5	2,4-Dinitrophenol	2.3	U	4.8	2.3	2.3
121-14-2	2,4-Dinitrotoluene	0.76	U	4.8	0.76	0.26
606-20-2	2,6-Dinitrotoluene	0.76	U	4.8	0.76	0.76
117-84-0	Di-n-octyl phthalate	0.76	U	0.95	0.76	0.76
206-44-0	Fluoranthene	0.095	U	0.19	0.095	0.095
86-73-7	Fluorene	0.095	U	0.19	0.095	0.095
118-74-1	Hexachlorobenzene	0.095	U	0.19	0.095	0.095
87-68-3	Hexachlorobutadiene	0.76	U	0.95	0.76	0.26
77-47-4	Hexachlorocyclopentadiene	0.76	U	9.5	0.76	0.76
67-72-1	Hexachloroethane	0.76	U	0.95	0.76	0.76
193-39-5	Indeno[1,2,3-cd]pyrene	0.095	U	0.19	0.095	0.095
78-59-1	Isophorone	0.76	U	0.95	0.76	0.26
91-57-6	2-Methylnaphthalene	0.095	U	0.19	0.095	0.095
95-48-7	2-Methylphenol	0.76	U	0.95	0.76	0.76
15831-10-4	3 & 4 Methylphenol	0.76	U	1.9	0.76	0.76
91-20-3	Naphthalene	0.095	U	0.19	0.095	0.095
88-74-4	2-Nitroaniline	0.76	U	1.9	0.76	0.76
99-09-2	3-Nitroaniline	0.76	U	1.9	0.76	0.27
100-01-6	4-Nitroaniline	0.76	U	1.9	0.76	0.76
98-95-3	Nitrobenzene	0.095	U	0.95	0.095	0.038
88-75-5	2-Nitrophenol	0.76	U	1.9	0.76	0.27
100-02-7	4-Nitrophenol	2.3	U	4.8	2.3	2.3
621-64-7	N-Nitrosodi-n-propylamine	0.76	U	0.95	0.76	0.76
86-30-6	N-Nitrosodiphenylamine	0.76	U J	0.95	0.76	0.30
87-86-5	Pentachlorophenol	2.3	U	4.8	2.3	2.3
85-01-8	Phenanthrene	0.095	U	0.19	0.095	0.095
108-95-2	Phenol	0.76	U	0.95	0.76	0.57
129-00-0	Pyrene	0.095	U J	0.19	0.095	0.095
120-82-1	1,2,4-Trichlorobenzene	0.76	U	0.95	0.76	0.27
95-95-4	2,4,5-Trichlorophenol	0.76	U	4.8	0.76	0.29
88-06-2	2,4,6-Trichlorophenol	0.76	U	4.8	0.76	0.76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW | Lab Sample ID: 240-17422-13

Matrix: Water | Lab File ID: 21116008.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 11:36

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	70		50-110
367-12-4	2-Fluorophenol (Surr)	76		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	71		40-110
1718-51-0	Terphenyl-d14 (Surr)	66		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	75		40-125
4165-62-2	Phenol-d5 (Surr)	78		10-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116008.D
Lims ID: 240-17422-E-13-A Client ID: 076SW-0013-0001-SW
Inject. Date: 16-Nov-2012 11:36:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015012-008
Misc. Info.: 240-17422-E-13-A =240-17422-E-13-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 65294 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 12:28:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.676	3.677	-0.001	93	117275	4.00	
* 2 Naphthalene-d8	136	4.637	4.639	-0.002	99	480492	4.00	
* 3 Acenaphthene-d10	164	5.924	5.931	-0.007	76	325151	4.00	
* 4 Phenanthrene-d10	188	7.003	7.010	-0.007	96	592762	4.00	
* 5 Chrysene-d12	240	8.937	8.949	-0.012	92	638349	4.00	
* 6 Perylene-d12	264	10.197	10.215	-0.018	93	515870	4.00	
$ 7 2-Fluorophenol	112	2.672	2.673	-0.001	94	502064	11.4	
$ 8 Phenol-d5	99	3.366	3.373	-0.007	0	734128	11.7	
$ 9 Nitrobenzene-d5	82	4.087	4.094	-0.007	84	513939	7.05	
$ 10 2-Fluorobiphenyl (Surr)	172	5.417	5.424	-0.007	100	758254	7.01	
$ 11 2,4,6-Tribromophenol	330	6.496	6.503	-0.007	85	126389	11.2	
$ 12 Terphenyl-d14	244	8.136	8.142	-0.006	99	809871	6.60	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		1.578					9
26 N-Nitrosodimethylamine	74		1.765					
27 Pyridine	79		1.792					
28 Ethyl methacrylate	69		2.032					
29 3-Chloropropionitrile	54		2.224					9
31 2-Picoline	93		2.338					
32 N-Nitrosomethylethylamine	88		2.396					
33 Malononitrile	66		2.411					
34 Methyl methanesulfonate	80		2.610					9
233 n,n'-Dimethylacetamide	44		2.674					
30 3-Picoline	93		2.674					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.914					
37 Ethyl methanesulfonate	79		3.123					9
38 2-Methylcyclohexanone	68		3.315					
39 3-Methylcyclohexanone	69		3.342					
41 Benzaldehyde	77		3.346					9
40 4-Methylcyclohexanone	55		3.379					
43 Phenol	94		3.383					9
44 Aniline	93		3.426					9
69 Bis(2-chloroethyl)ether	93		3.458					9
46 2-Chlorophenol	128		3.522					
45 Pentachloroethane	167		3.529					9
42 Phenylmercaptan	110		3.596					9
47 1,3-Dichlorobenzene	146		3.640					
48 1,4-Dichlorobenzene	146		3.693					
49 Benzyl alcohol	108		3.768					9
50 1,2-Dichlorobenzene	146		3.811					9
51 2-Methylphenol	108		3.848					9
53 2,2'-oxybis[1-chloropropane]	45		3.864					
232 1-Methyl-2-pyrrilidinone	99		3.880					
21 3 & 4 Methylphenol	108		3.960					
57 N-Nitrosodi-n-propylamine	70		3.971					
58 Acetophenone	105		3.976					9
56 N-Nitrosopyrrolidine	100		4.009					
59 N-Nitrosomorpholine	56		4.036					9
60 2-Toluidine	106		4.063					
61 Hexachloroethane	117		4.067					
52 Indene	115		4.084					
62 Nitrobenzene	77		4.110					9
63 N-Nitrosopiperidine	114		4.276					
64 Isophorone	82		4.286					9
66 2-Nitrophenol	139		4.350					
65 2,4-Dimethylphenol	107		4.361					
67 1,3,5-Trichlorobenzene	180		4.361					
70 Bis(2-chloroethoxy)methane	93		4.430					
68 o,o',o''-Triethylphosphorothioat	198		4.463					
71 Benzoic acid	122		4.468					9
17 4-Chlorophenol	128		4.500					9
73 2,4-Dichlorophenol	162		4.526					
24 Catechol	110		4.592					9
74 1,2,4-Trichlorobenzene	180		4.596					
75 Naphthalene	128		4.655					
76 4-Chloroaniline	127		4.681					
79 Hexachlorobutadiene	225		4.740					
77 2,6-Dichlorophenol	162		4.752					
80 1,2,3-Trichlorobenzene	180		4.761					
78 Hexachloropropene	213		4.784					
72 alpha,alpha-Dimethyl phenethylam	58		4.848					
15 3-Methylcatechol	124		4.913					9
84 Caprolactam	113		4.948					
83 N-Nitrosodi-n-butylamine	84		4.976					9
85 p-Phenylene diamine	108		5.003					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
86 4-Chloro-3-methylphenol	107		5.034					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.142					
87 2-Methylnaphthalene	142		5.162					
88 1-Methylnaphthalene	142		5.237					
89 Hexachlorocyclopentadiene	237		5.280					
90 1,2,3,5-Tetrachlorobenzene	216		5.280					
91 1,2,4,5-Tetrachlorobenzene	216		5.350					
225 Isosafrole Peak 1	162		5.355					
92 2,4,6-Trichlorophenol	196		5.365					
93 2,4,5-Trichlorophenol	196		5.397					
97 2,4-Toluene diamine	121		5.482					9
98 1,1'-Biphenyl	154		5.499					
99 1,2,3,4 -Tetrachlorobenzene	216		5.499					
100 2-Chloronaphthalene	162		5.525					
227 Isosafrole Peak 2	162		5.526					
102 2-Nitroaniline	65		5.589					9
105 Dimethyl phthalate	163		5.701					
103 1,4-Naphthoquinone	158		5.702					
96 3,4-Dichloronitrobenzene	109		5.725					9
104 1,4-Dinitrobenzene	168		5.729					
107 2,6-Dinitrotoluene	165		5.755					
101 Phenyl ether	170		5.773					
106 1,3-Dinitrobenzene	168		5.788					
108 1,2-Dinitrobenzene	168		5.803					
109 Acenaphthylene	152		5.830					
110 3-Nitroaniline	138		5.883					
112 Acenaphthene	153		5.953					
111 2,4-Dinitrophenol	184		5.963					
113 4-Nitrophenol	109		5.995					
114 2,4-Dinitrotoluene	165		6.054					
116 Dibenzofuran	168		6.081					9
115 Pentachlorobenzene	250		6.114					
118 2,3,5,6-Tetrachlorophenol	232		6.134					
117 1-Naphthylamine	143		6.188					
121 Diethyl phthalate	149		6.209					9
119 2,3,4,6-Tetrachlorophenol	232		6.226					
120 2-Naphthylamine	143		6.247					
123 4-Chlorophenyl phenyl ether	204		6.310					
126 Fluorene	166		6.326					
122 Thionazin	97		6.327					
125 4-Nitroaniline	138		6.332					
128 4,6-Dinitro-2-methylphenol	198		6.353					
124 N-Nitro-o-toluidine	152		6.381					
131 N-Nitrosodiphenylamine	169		6.396					
127 Tributyl phosphate	99		6.402					9
133 Azobenzene	77		6.428					
132 1,2-Diphenylhydrazine	77		6.428					
130 Diphenylamine	169		6.450					9
134 Sulfotepp	202		6.541					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
135 1,3,5-Trinitrobenzene	213		6.621					
228 Diallate Peak 1	86		6.653					
137 Phenacetin	108		6.658					9
139 4-Bromophenyl phenyl ether	248		6.663					
138 Phorate	121		6.664					
230 Diallate Peak 2	86		6.723					
141 Hexachlorobenzene	284		6.738					
142 Atrazine	200		6.764					
140 Dimethoate	87		6.787					
143 Pentachlorophenol	266		6.871					
129 4-Aminobiphenyl	169		6.915					
144 Pronamide	173		6.942					
145 Pentachloronitrobenzene	237		6.942					
148 Phenanthrene	178		7.026					9
146 Disulfoton	88		7.038					9
147 Dinoseb	211		7.043					
149 Anthracene	178		7.063					9
151 Carbazole	167		7.170					9
152 Methyl parathion	109		7.310					9
154 Di-n-butyl phthalate	149		7.379					9
155 Ethyl Parathion	97		7.582					
153 Diphenylsulfone	125		7.616					9
156 4-Nitroquinoline-1-oxide	190		7.636					
157 Methapyrilene	58		7.673					9
158 Isodrin	66		7.844					
159 Fluoranthene	202		7.891					9
160 Benzidine	184		7.961					
161 Pyrene	202		8.062					9
166 4,4'-DDE	246		8.097					9
226 Aramite Peak 1	185		8.159					
229 Aramite Peak 2	185		8.213					
163 p-Dimethylamino azobenzene	225		8.304					
164 Chlorobenzilate	139		8.325					
165 4,4'-DDD	235		8.375					
168 Butyl benzyl phthalate	149		8.473					
167 Famphur	218		8.506					
169 3,3'-Dimethylbenzidine	212		8.549					
170 4,4'-DDT	235		8.578					9
171 2-Acetylaminofluorene	181		8.741					
172 3,3'-Dimethoxybenzidine	244		8.863					
173 Bis(2-ethylhexyl) phthalate	149	8.867	8.879	-0.012	91	16249	0.1328	
174 4,4'-Methylene bis(2-chloroanili	231		8.895					9
175 3,3'-Dichlorobenzidine	252		8.901					
177 Benzo[a]anthracene	228		8.944					9
178 Chrysene	228		8.970					9
176 Hexabromobenzene	232		9.208					
180 Di-n-octyl phthalate	149		9.365					
179 6-Methylchrysene	242		9.576					
182 Benzo[b]fluoranthene	252		9.830					9
183 Benzo[k]fluoranthene	252		9.857					9
181 7,12-Dimethylbenz(a)anthracene	256		9.895					
184 Benzo[a]pyrene	252		10.161					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
185 3-Methylcholanthrene	268		10.638					
188 Indeno[1,2,3-cd]pyrene	276		11.577					
189 Dibenz(a,h)anthracene	278		11.577					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
190 Benzo[g,h,i]perylene	276		11.983					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 194 Decane TIC	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 192 Octadecane (TIC)	57		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

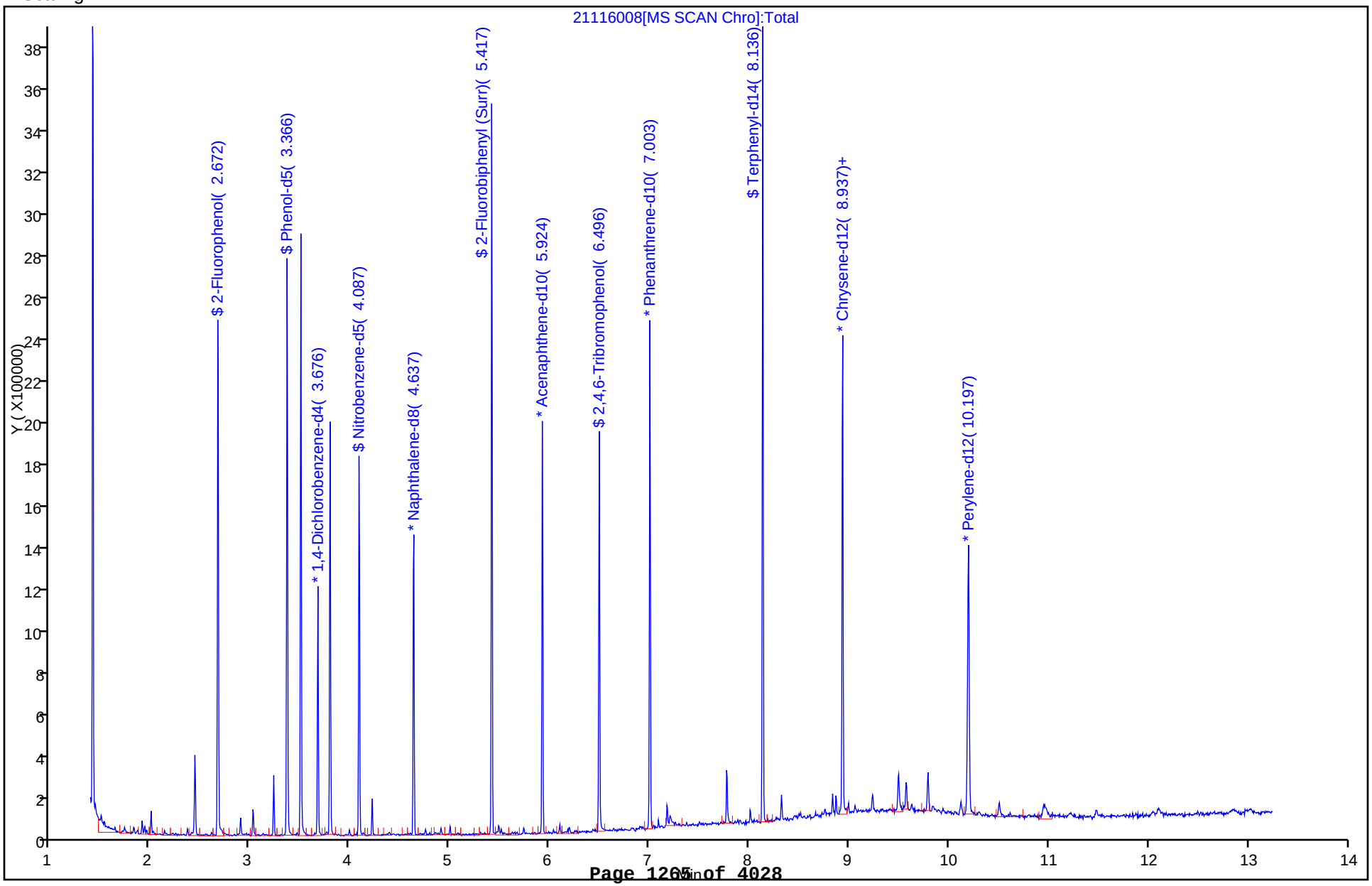
Report Date: 17-Nov-2012 12:48:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116008.D

Injection Date:	16-Nov-2012 11:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SW-0013-0001-SW	Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0014-0001-SW | Lab Sample ID: 240-17422-14

Matrix: Water | Lab File ID: 21116011.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1030(mL) | Date Analyzed: 11/16/2012 12:33

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	0.097	U	0.19	0.097	0.097
208-96-8	Acenaphthylene	0.097	U	0.19	0.097	0.097
120-12-7	Anthracene	0.097	U	0.19	0.097	0.097
56-55-3	Benzo[a]anthracene	0.097	U	0.19	0.097	0.097
50-32-8	Benzo[a]pyrene	0.097	U	0.19	0.097	0.097
205-99-2	Benzo[b]fluoranthene	0.097	U	0.19	0.097	0.097
191-24-2	Benzo[g,h,i]perylene	0.097	U	0.19	0.097	0.097
65-85-0	Benzoic acid	9.7	U	24	9.7	9.7
207-08-9	Benzo[k]fluoranthene	0.097	U	0.19	0.097	0.097
100-51-6	Benzyl alcohol	0.78	U	4.9	0.78	0.37
111-91-1	Bis(2-chloroethoxy)methane	0.78	U	0.97	0.78	0.31
111-44-4	Bis(2-chloroethyl)ether	0.097	U	0.97	0.097	0.097
108-60-1	bis (2-chloroisopropyl) ether	0.78	U	0.97	0.78	0.39
117-81-7	Bis(2-ethylhexyl) phthalate	0.78	U	1.9	0.78	0.78
101-55-3	4-Bromophenyl phenyl ether	0.78	U	1.9	0.78	0.78
85-68-7	Butyl benzyl phthalate	0.78	U	0.97	0.78	0.78
86-74-8	Carbazole	0.78	U	0.97	0.78	0.27
106-47-8	4-Chloroaniline	0.78	U	1.9	0.78	0.78
59-50-7	4-Chloro-3-methylphenol	0.78	U	1.9	0.78	0.78
91-58-7	2-Chloronaphthalene	0.097	U	0.97	0.097	0.097
95-57-8	2-Chlorophenol	0.78	U	0.97	0.78	0.28
7005-72-3	4-Chlorophenyl phenyl ether	0.78	U	1.9	0.78	0.29
218-01-9	Chrysene	0.097	U	0.19	0.097	0.097
53-70-3	Dibenz(a,h)anthracene	0.097	U	0.19	0.097	0.097
132-64-9	Dibenzofuran	0.097	U	0.97	0.097	0.097
106-46-7	1,4-Dichlorobenzene	0.78	U	0.97	0.78	0.33
95-50-1	1,2-Dichlorobenzene	0.78	U	0.97	0.78	0.28
541-73-1	1,3-Dichlorobenzene	0.78	U	0.97	0.78	0.78
91-94-1	3,3'-Dichlorobenzidine	0.78	U	4.9	0.78	0.36
120-83-2	2,4-Dichlorophenol	0.78	U	1.9	0.78	0.78
84-66-2	Diethyl phthalate	0.78	U	0.97	0.78	0.58
105-67-9	2,4-Dimethylphenol	0.78	U	1.9	0.78	0.78
131-11-3	Dimethyl phthalate	0.78	U	0.97	0.78	0.28
84-74-2	Di-n-butyl phthalate	0.78	U	0.97	0.78	0.65

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0014-0001-SW | Lab Sample ID: 240-17422-14

Matrix: Water | Lab File ID: 21116011.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1030(mL) | Date Analyzed: 11/16/2012 12:33

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	2.3	U	4.9	2.3	2.3
51-28-5	2,4-Dinitrophenol	2.3	U	4.9	2.3	2.3
121-14-2	2,4-Dinitrotoluene	0.78	U	4.9	0.78	0.26
606-20-2	2,6-Dinitrotoluene	0.78	U	4.9	0.78	0.78
117-84-0	Di-n-octyl phthalate	0.78	U	0.97	0.78	0.78
206-44-0	Fluoranthene	0.097	U	0.19	0.097	0.097
86-73-7	Fluorene	0.097	U	0.19	0.097	0.097
118-74-1	Hexachlorobenzene	0.097	U	0.19	0.097	0.097
87-68-3	Hexachlorobutadiene	0.78	U	0.97	0.78	0.26
77-47-4	Hexachlorocyclopentadiene	0.78	U	9.7	0.78	0.78
67-72-1	Hexachloroethane	0.78	U	0.97	0.78	0.78
193-39-5	Indeno[1,2,3-cd]pyrene	0.097	U	0.19	0.097	0.097
78-59-1	Isophorone	0.78	U	0.97	0.78	0.26
91-57-6	2-Methylnaphthalene	0.097	U	0.19	0.097	0.097
95-48-7	2-Methylphenol	0.78	U	0.97	0.78	0.78
15831-10-4	3 & 4 Methylphenol	0.78	U	1.9	0.78	0.78
91-20-3	Naphthalene	0.097	U	0.19	0.097	0.097
88-74-4	2-Nitroaniline	0.78	U	1.9	0.78	0.78
99-09-2	3-Nitroaniline	0.78	U	1.9	0.78	0.27
100-01-6	4-Nitroaniline	0.78	U	1.9	0.78	0.78
98-95-3	Nitrobenzene	0.097	U	0.97	0.097	0.039
88-75-5	2-Nitrophenol	0.78	U	1.9	0.78	0.27
100-02-7	4-Nitrophenol	2.3	U	4.9	2.3	2.3
621-64-7	N-Nitrosodi-n-propylamine	0.78	U	0.97	0.78	0.78
86-30-6	N-Nitrosodiphenylamine	0.78	U	0.97	0.78	0.30
87-86-5	Pentachlorophenol	2.3	U	4.9	2.3	2.3
85-01-8	Phenanthrene	0.097	U	0.19	0.097	0.097
108-95-2	Phenol	0.78	U	0.97	0.78	0.58
129-00-0	Pyrene	0.097	U	0.19	0.097	0.097
120-82-1	1,2,4-Trichlorobenzene	0.78	U	0.97	0.78	0.27
95-95-4	2,4,5-Trichlorophenol	0.78	U	4.9	0.78	0.29
88-06-2	2,4,6-Trichlorophenol	0.78	U	4.9	0.78	0.78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0014-0001-SW | Lab Sample ID: 240-17422-14

Matrix: Water | Lab File ID: 21116011.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1030(mL) | Date Analyzed: 11/16/2012 12:33

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		50-110
367-12-4	2-Fluorophenol (Surr)	67		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	66		40-110
1718-51-0	Terphenyl-d14 (Surr)	66		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	68		40-125
4165-62-2	Phenol-d5 (Surr)	71		10-115

Report Date: 17-Nov-2012 12:48:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116011.D
Lims ID: 240-17422-B-14-A Client ID: 076SW-0014-0001-SW
Inject. Date: 16-Nov-2012 12:33:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015012-011
Misc. Info.: 240-17422-B-14-A =240-17422-B-14-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 65294 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 13:18:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.674	3.677	-0.003	86	110370	4.00	
* 2 Naphthalene-d8	136	4.636	4.639	-0.003	99	452041	4.00	
* 3 Acenaphthene-d10	164	5.923	5.931	-0.008	73	319353	4.00	
* 4 Phenanthrene-d10	188	7.002	7.010	-0.008	99	585225	4.00	
* 5 Chrysene-d12	240	8.940	8.949	-0.009	91	617610	4.00	
* 6 Perylene-d12	264	10.201	10.215	-0.014	93	496186	4.00	
$ 7 2-Fluorophenol	112	2.670	2.673	-0.003	93	417548	10.1	
$ 8 Phenol-d5	99	3.370	3.373	-0.003	0	631294	10.7	
$ 9 Nitrobenzene-d5	82	4.091	4.094	-0.003	83	453238	6.61	
$ 10 2-Fluorobiphenyl (Surr)	172	5.421	5.424	-0.003	99	676235	6.37	
$ 11 2,4,6-Tribromophenol	330	6.494	6.503	-0.009	83	113628	10.3	
$ 12 Terphenyl-d14	244	8.134	8.142	-0.008	98	786219	6.62	
43 Phenol	94		3.383					9
69 Bis(2-chloroethyl)ether	93		3.458					9
46 2-Chlorophenol	128		3.522					
47 1,3-Dichlorobenzene	146		3.640					
48 1,4-Dichlorobenzene	146		3.693					
49 Benzyl alcohol	108		3.768					9
50 1,2-Dichlorobenzene	146		3.811					9
51 2-Methylphenol	108		3.848					9
53 2,2'-oxybis[1-chloropropane]	45		3.864					
21 3 & 4 Methylphenol	108		3.960					
57 N-Nitrosodi-n-propylamine	70		3.971					
61 Hexachloroethane	117		4.067					
62 Nitrobenzene	77		4.110					9
64 Isophorone	82		4.286					9
66 2-Nitrophenol	139		4.350					
65 2,4-Dimethylphenol	107		4.361					9
70 Bis(2-chloroethoxy)methane	93		4.430					9
71 Benzoic acid	122		4.468					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		4.526					
74 1,2,4-Trichlorobenzene	180		4.596					
75 Naphthalene	128		4.655					9
76 4-Chloroaniline	127		4.681					
79 Hexachlorobutadiene	225		4.740					
86 4-Chloro-3-methylphenol	107		5.034					
87 2-Methylnaphthalene	142		5.162					9
89 Hexachlorocyclopentadiene	237		5.280					
92 2,4,6-Trichlorophenol	196		5.365					
93 2,4,5-Trichlorophenol	196		5.397					
100 2-Chloronaphthalene	162		5.525					
102 2-Nitroaniline	65		5.589					9
105 Dimethyl phthalate	163		5.701					9
107 2,6-Dinitrotoluene	165		5.755					9
109 Acenaphthylene	152		5.830					9
110 3-Nitroaniline	138		5.883					
112 Acenaphthene	153		5.953					
111 2,4-Dinitrophenol	184		5.963					
113 4-Nitrophenol	109		5.995					9
114 2,4-Dinitrotoluene	165		6.054					
116 Dibenzofuran	168		6.081					9
121 Diethyl phthalate	149		6.209					9
123 4-Chlorophenyl phenyl ether	204		6.310					9
126 Fluorene	166		6.326					9
125 4-Nitroaniline	138		6.332					
128 4,6-Dinitro-2-methylphenol	198		6.353					
131 N-Nitrosodiphenylamine	169		6.396					9
139 4-Bromophenyl phenyl ether	248		6.663					
141 Hexachlorobenzene	284		6.738					
143 Pentachlorophenol	266		6.871					
148 Phenanthrene	178		7.026					9
149 Anthracene	178		7.063					9
151 Carbazole	167		7.170					9
154 Di-n-butyl phthalate	149		7.379					
159 Fluoranthene	202		7.891					9
161 Pyrene	202		8.062					
168 Butyl benzyl phthalate	149		8.473					
173 Bis(2-ethylhexyl) phthalate	149	8.876	8.879	-0.003	87	17538	0.1481	
175 3,3'-Dichlorobenzidine	252		8.901					
177 Benzo[a]anthracene	228		8.944					9
178 Chrysene	228		8.970					9
180 Di-n-octyl phthalate	149		9.365					9
182 Benzo[b]fluoranthene	252		9.830					9
183 Benzo[k]fluoranthene	252		9.857					9
184 Benzo[a]pyrene	252		10.161					9
188 Indeno[1,2,3-cd]pyrene	276		11.577					9
189 Dibenz(a,h)anthracene	278		11.577					9
190 Benzo[g,h,i]perylene	276		11.983					9

QC Flag Legend

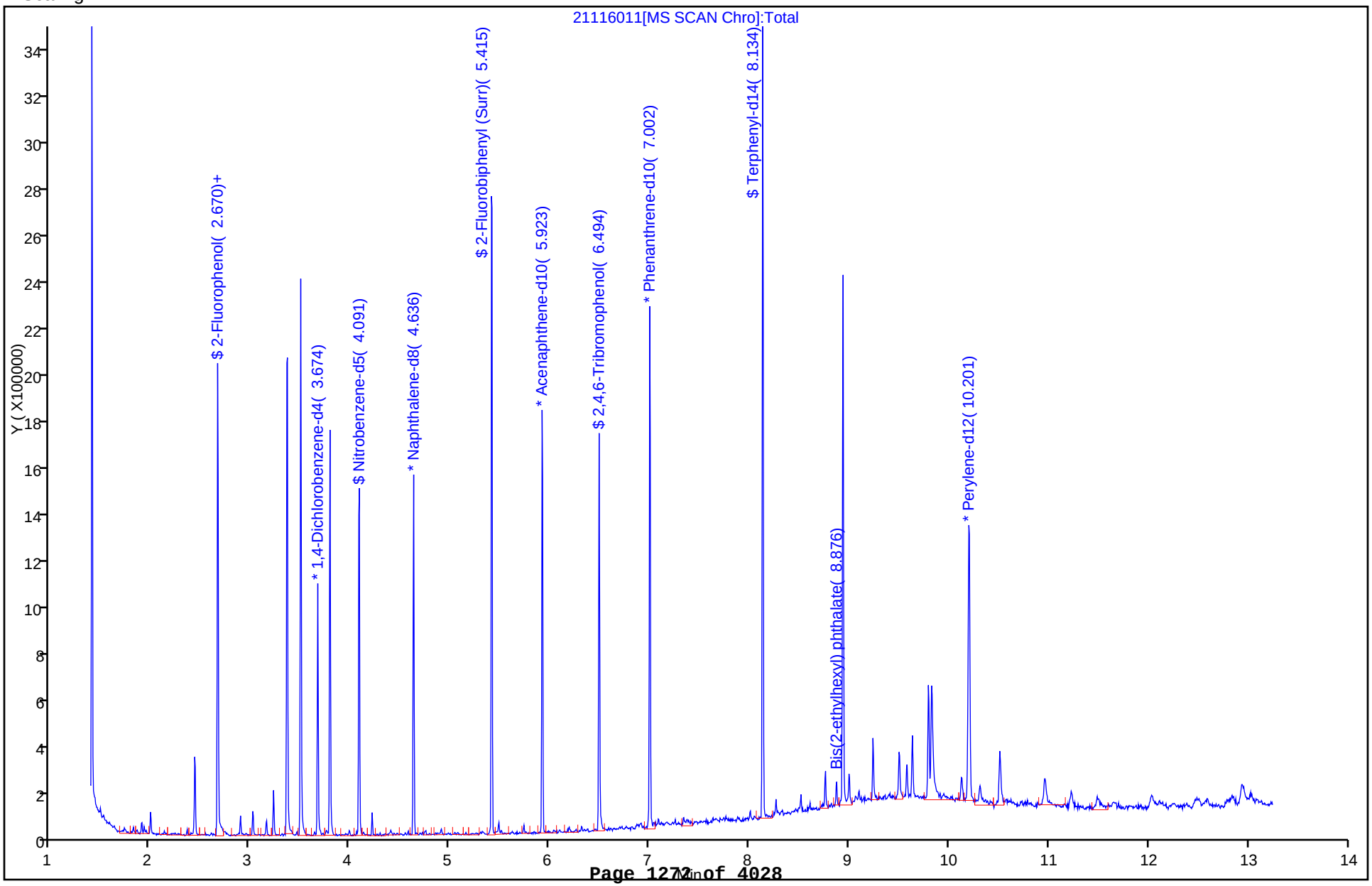
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 17-Nov-2012 12:48:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116011.D		
Injection Date:	16-Nov-2012 12:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SW-0014-0001-SW	Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0015-0001-SW | Lab Sample ID: 240-17422-15

Matrix: Water | Lab File ID: 21116012.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 15:00

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 12:52

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	0.095	U	0.19	0.095	0.095
208-96-8	Acenaphthylene	0.095	U	0.19	0.095	0.095
120-12-7	Anthracene	0.095	U	0.19	0.095	0.095
56-55-3	Benzo[a]anthracene	0.095	U	0.19	0.095	0.095
50-32-8	Benzo[a]pyrene	0.095	U	0.19	0.095	0.095
205-99-2	Benzo[b]fluoranthene	0.095	U	0.19	0.095	0.095
191-24-2	Benzo[g,h,i]perylene	0.095	U	0.19	0.095	0.095
65-85-0	Benzoic acid	9.5	U	24	9.5	9.5
207-08-9	Benzo[k]fluoranthene	0.095	U	0.19	0.095	0.095
100-51-6	Benzyl alcohol	0.76	U	4.8	0.76	0.36
111-91-1	Bis(2-chloroethoxy)methane	0.76	U	0.95	0.76	0.30
111-44-4	Bis(2-chloroethyl)ether	0.095	U	0.95	0.095	0.095
108-60-1	bis (2-chloroisopropyl) ether	0.76	U	0.95	0.76	0.38
117-81-7	Bis(2-ethylhexyl) phthalate	0.76	U	1.9	0.76	0.76
101-55-3	4-Bromophenyl phenyl ether	0.76	U	1.9	0.76	0.76
85-68-7	Butyl benzyl phthalate	0.76	U	0.95	0.76	0.76
86-74-8	Carbazole	0.76	U	0.95	0.76	0.27
106-47-8	4-Chloroaniline	0.76	U	1.9	0.76	0.76
59-50-7	4-Chloro-3-methylphenol	0.76	U	1.9	0.76	0.76
91-58-7	2-Chloronaphthalene	0.095	U	0.95	0.095	0.095
95-57-8	2-Chlorophenol	0.76	U	0.95	0.76	0.28
7005-72-3	4-Chlorophenyl phenyl ether	0.76	U	1.9	0.76	0.29
218-01-9	Chrysene	0.095	U	0.19	0.095	0.095
53-70-3	Dibenz(a,h)anthracene	0.095	U	0.19	0.095	0.095
132-64-9	Dibenzofuran	0.095	U	0.95	0.095	0.095
106-46-7	1,4-Dichlorobenzene	0.76	U	0.95	0.76	0.32
95-50-1	1,2-Dichlorobenzene	0.76	U	0.95	0.76	0.28
541-73-1	1,3-Dichlorobenzene	0.76	U	0.95	0.76	0.76
91-94-1	3,3'-Dichlorobenzidine	0.76	U	4.8	0.76	0.35
120-83-2	2,4-Dichlorophenol	0.76	U	1.9	0.76	0.76
84-66-2	Diethyl phthalate	0.76	U	0.95	0.76	0.57
105-67-9	2,4-Dimethylphenol	0.76	U	1.9	0.76	0.76
131-11-3	Dimethyl phthalate	0.76	U	0.95	0.76	0.28
84-74-2	Di-n-butyl phthalate	0.76	U	0.95	0.76	0.64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0015-0001-SW | Lab Sample ID: 240-17422-15

Matrix: Water | Lab File ID: 21116012.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 15:00

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 12:52

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	2.3	U	4.8	2.3	2.3
51-28-5	2,4-Dinitrophenol	2.3	U	4.8	2.3	2.3
121-14-2	2,4-Dinitrotoluene	0.76	U	4.8	0.76	0.26
606-20-2	2,6-Dinitrotoluene	0.76	U	4.8	0.76	0.76
117-84-0	Di-n-octyl phthalate	0.76	U	0.95	0.76	0.76
206-44-0	Fluoranthene	0.095	U	0.19	0.095	0.095
86-73-7	Fluorene	0.095	U	0.19	0.095	0.095
118-74-1	Hexachlorobenzene	0.095	U	0.19	0.095	0.095
87-68-3	Hexachlorobutadiene	0.76	U	0.95	0.76	0.26
77-47-4	Hexachlorocyclopentadiene	0.76	U	9.5	0.76	0.76
67-72-1	Hexachloroethane	0.76	U	0.95	0.76	0.76
193-39-5	Indeno[1,2,3-cd]pyrene	0.095	U	0.19	0.095	0.095
78-59-1	Isophorone	0.76	U	0.95	0.76	0.26
91-57-6	2-Methylnaphthalene	0.095	U	0.19	0.095	0.095
95-48-7	2-Methylphenol	0.76	U	0.95	0.76	0.76
15831-10-4	3 & 4 Methylphenol	0.76	U	1.9	0.76	0.76
91-20-3	Naphthalene	0.095	U	0.19	0.095	0.095
88-74-4	2-Nitroaniline	0.76	U	1.9	0.76	0.76
99-09-2	3-Nitroaniline	0.76	U	1.9	0.76	0.27
100-01-6	4-Nitroaniline	0.76	U	1.9	0.76	0.76
98-95-3	Nitrobenzene	0.095	U	0.95	0.095	0.038
88-75-5	2-Nitrophenol	0.76	U	1.9	0.76	0.27
100-02-7	4-Nitrophenol	2.3	U	4.8	2.3	2.3
621-64-7	N-Nitrosodi-n-propylamine	0.76	U	0.95	0.76	0.76
86-30-6	N-Nitrosodiphenylamine	0.76	U	0.95	0.76	0.30
87-86-5	Pentachlorophenol	2.3	U	4.8	2.3	2.3
85-01-8	Phenanthrene	0.095	U	0.19	0.095	0.095
108-95-2	Phenol	0.76	U	0.95	0.76	0.57
129-00-0	Pyrene	0.095	U	0.19	0.095	0.095
120-82-1	1,2,4-Trichlorobenzene	0.76	U	0.95	0.76	0.27
95-95-4	2,4,5-Trichlorophenol	0.76	U	4.8	0.76	0.29
88-06-2	2,4,6-Trichlorophenol	0.76	U	4.8	0.76	0.76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0015-0001-SW | Lab Sample ID: 240-17422-15

Matrix: Water | Lab File ID: 21116012.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 15:00

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 12:52

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	69		50-110
367-12-4	2-Fluorophenol (Surr)	73		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	69		40-110
1718-51-0	Terphenyl-d14 (Surr)	72		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	77		40-125
4165-62-2	Phenol-d5 (Surr)	76		10-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116012.D
Lims ID: 240-17422-C-15-A Client ID: 076SW-0015-0001-SW
Inject. Date: 16-Nov-2012 12:52:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015012-012
Misc. Info.: 240-17422-C-15-A =240-17422-C-15-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 65294 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 13:30:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.677	3.677	0.0	90	125182	4.00	
* 2 Naphthalene-d8	136	4.633	4.639	-0.006	99	510965	4.00	
* 3 Acenaphthene-d10	164	5.925	5.931	-0.006	75	340729	4.00	
* 4 Phenanthrene-d10	188	7.004	7.010	-0.006	97	629802	4.00	
* 5 Chrysene-d12	240	8.938	8.949	-0.011	93	653311	4.00	
* 6 Perylene-d12	264	10.204	10.215	-0.011	94	527217	4.00	
$ 7 2-Fluorophenol	112	2.673	2.673	0.0	92	512093	10.9	
$ 8 Phenol-d5	99	3.367	3.373	-0.006	0	765757	11.4	
$ 9 Nitrobenzene-d5	82	4.088	4.094	-0.006	83	538007	6.94	
$ 10 2-Fluorobiphenyl (Surr)	172	5.418	5.424	-0.006	100	786470	6.94	
$ 11 2,4,6-Tribromophenol	330	6.497	6.503	-0.006	85	136408	11.6	
$ 12 Terphenyl-d14	244	8.137	8.142	-0.006	99	904416	7.20	
43 Phenol	94		3.383					9
69 Bis(2-chloroethyl)ether	93		3.458					9
46 2-Chlorophenol	128		3.522					
47 1,3-Dichlorobenzene	146		3.640					
48 1,4-Dichlorobenzene	146		3.693					
49 Benzyl alcohol	108		3.768					9
50 1,2-Dichlorobenzene	146		3.811					9
51 2-Methylphenol	108		3.848					9
53 2,2'-oxybis[1-chloropropane]	45		3.864					9
21 3 & 4 Methylphenol	108		3.960					
57 N-Nitrosodi-n-propylamine	70		3.971					9
61 Hexachloroethane	117		4.067					
62 Nitrobenzene	77		4.110					9
64 Isophorone	82		4.286					
66 2-Nitrophenol	139		4.350					
65 2,4-Dimethylphenol	107		4.361					
70 Bis(2-chloroethoxy)methane	93		4.430					
71 Benzoic acid	122		4.468					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		4.526					
74 1,2,4-Trichlorobenzene	180		4.596					
75 Naphthalene	128		4.655					9
76 4-Chloroaniline	127		4.681					
79 Hexachlorobutadiene	225		4.740					
86 4-Chloro-3-methylphenol	107		5.034					
87 2-Methylnaphthalene	142		5.162					
89 Hexachlorocyclopentadiene	237		5.280					
92 2,4,6-Trichlorophenol	196		5.365					
93 2,4,5-Trichlorophenol	196		5.397					
100 2-Chloronaphthalene	162		5.525					
102 2-Nitroaniline	65		5.589					9
105 Dimethyl phthalate	163		5.701					
107 2,6-Dinitrotoluene	165		5.755					
109 Acenaphthylene	152		5.830					
110 3-Nitroaniline	138		5.883					
112 Acenaphthene	153		5.953					
111 2,4-Dinitrophenol	184		5.963					
113 4-Nitrophenol	109		5.995					9
114 2,4-Dinitrotoluene	165		6.054					
116 Dibenzofuran	168		6.081					
121 Diethyl phthalate	149		6.209					9
123 4-Chlorophenyl phenyl ether	204		6.310					
126 Fluorene	166		6.326					9
125 4-Nitroaniline	138		6.332					
128 4,6-Dinitro-2-methylphenol	198		6.353					
131 N-Nitrosodiphenylamine	169		6.396					
139 4-Bromophenyl phenyl ether	248		6.663					
141 Hexachlorobenzene	284		6.738					
143 Pentachlorophenol	266		6.871					
148 Phenanthrene	178		7.026					9
149 Anthracene	178		7.063					9
151 Carbazole	167		7.170					9
154 Di-n-butyl phthalate	149		7.379					
159 Fluoranthene	202		7.891					9
161 Pyrene	202		8.062					9
168 Butyl benzyl phthalate	149		8.473					
173 Bis(2-ethylhexyl) phthalate	149	8.874	8.879	-0.005	92	48810	0.3897	
175 3,3'-Dichlorobenzidine	252		8.901					
177 Benzo[a]anthracene	228		8.944					9
178 Chrysene	228		8.970					9
180 Di-n-octyl phthalate	149		9.365					
182 Benzo[b]fluoranthene	252		9.830					9
183 Benzo[k]fluoranthene	252		9.857					9
184 Benzo[a]pyrene	252		10.161					9
188 Indeno[1,2,3-cd]pyrene	276		11.577					
189 Dibenz(a,h)anthracene	278		11.577					
190 Benzo[g,h,i]perylene	276		11.983					

QC Flag Legend

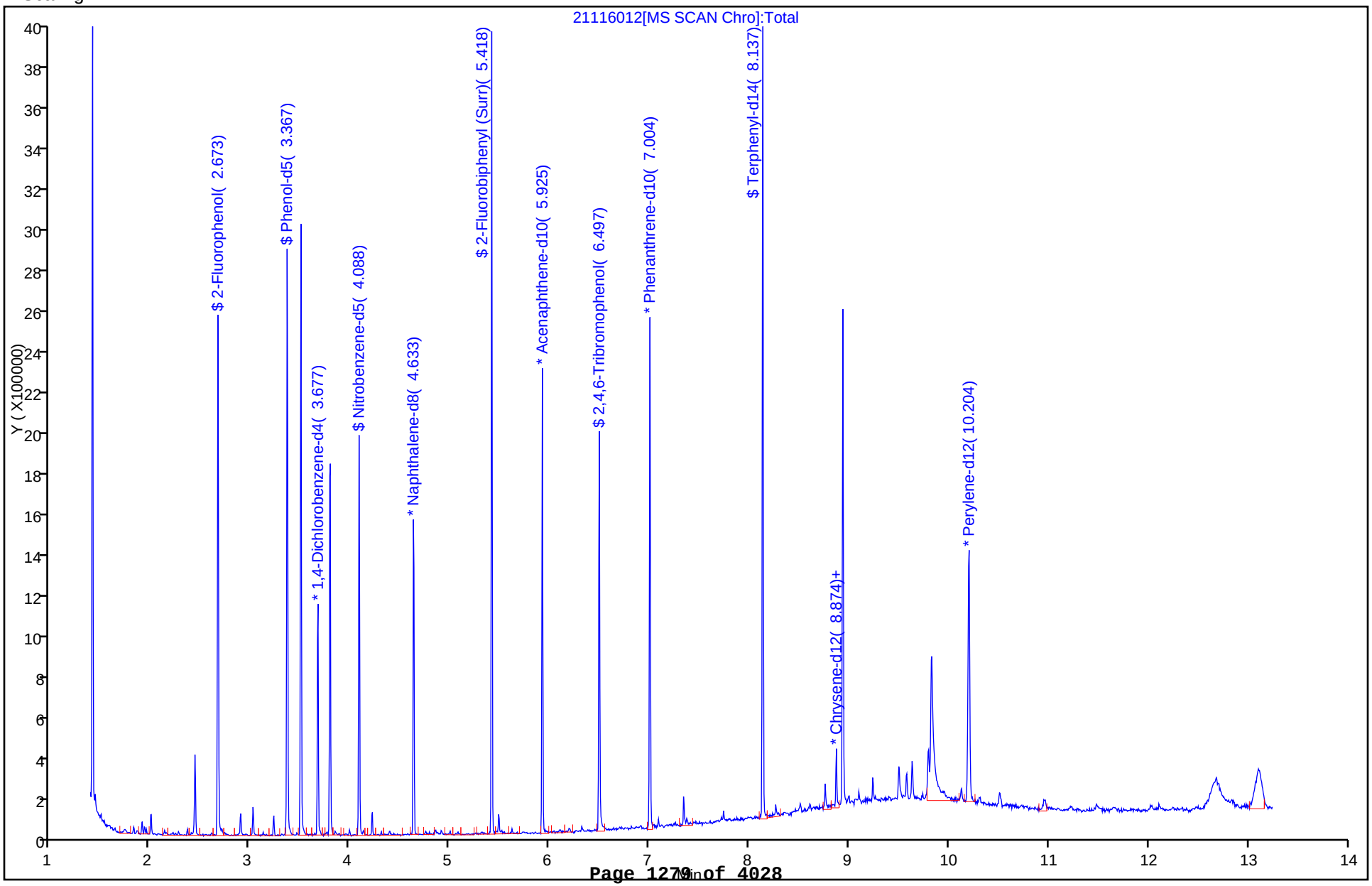
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 17-Nov-2012 12:48:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116012.D		
Injection Date:	16-Nov-2012 12:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SW-0015-0001-SW	Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64102/6	21107006.D
Level 2	STD2 240-64102/5	21107005.D
Level 3	STD3 240-64102/4	21107004.D
Level 4	STD4 240-64102/3	21107003.D
Level 5	STD5 240-64102/2	21107002.D
Level 6	STD6 240-64102/10	21107010.D
Level 7	STD7 240-64102/9	21107009.D
Level 8	STD8 240-64102/8	21107008.D
Level 9	STD9 240-64102/7	21107007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5098	0.4258 0.4025	0.4233 0.4000	0.5026 0.5258	0.5238	Ave		0.4642			0.0500	12.0		15.0			
N-Nitrosodimethylamine	0.7466	0.6150 0.8001	0.5266 0.8648	0.6430 0.8002	0.7826	Qua	-0.306	0.8297	0.0001		0.0500				0.9960		0.9950
Pyridine	1.4012	1.0155 1.3966	1.1996 1.4827	1.3443 1.4204	1.3817	Ave		1.3303			0.0500	11.0		15.0			
Ethyl methacrylate	1.1053	1.0237 1.0809	1.0903 1.1665	1.1162 1.1059	1.1536	Ave		1.1053			0.0500	4.0		15.0			
3-Chloropropionitrile	0.7989	0.6637 0.7606	0.6150 0.8291	0.6839 0.7714	0.7780	Ave		0.7376			0.0500	10.0		15.0			
Malononitrile	1.5126	1.0434 1.4755	1.2150 1.6007	1.4016 1.4411	1.4417	Ave		1.3915			0.0500	13.0		15.0			
Benzaldehyde	1.1223 0.9797	1.1474 0.9098	1.1435 0.8355	1.1028 +++++	1.1020	Ave		1.0429			0.0500	11.0		15.0			
Phenol	1.6961	1.5065 1.6700	1.6375 1.7836	1.7118 1.6917	1.6927	Ave		1.6737			0.0500	4.7		15.0			
Aniline	2.0926	1.9993 2.0854	2.0423 2.2370	2.0653 2.1256	2.0983	Ave		2.0932			0.0500	3.3		15.0			
Bis(2-chloroethyl)ether	1.3021	1.2999 1.2645	1.2714 1.3657	1.2622 1.2964	1.2800	Ave		1.2928			0.0500	2.6		15.0			
2-Chlorophenol	1.3572	1.3048 1.3270	1.3231 1.4546	1.3092 1.3716	1.3699	Ave		1.3522			0.0500	3.6		15.0			
1,3-Dichlorobenzene	1.4700	1.4809 1.4147	1.4524 1.5251	1.4366 1.4428	1.4372	Ave		1.4574			0.0500	2.3		15.0			
Benzoic acid	0.2142	+++++ 0.2275	0.1082 0.2443	0.1557 0.2336	0.1997	Qua	-0.342	0.2370	0.0001		0.0500				0.9980		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.4395	1.4050 1.4081	1.5397 1.4964	1.4354 1.4211	1.4367	Ave		1.4477			0.0500	3.2		15.0			
Benzyl alcohol	0.8556	0.7337 0.8469	0.8131 0.9137	0.8062 0.8702	0.8262	Ave		0.8332			0.0500	6.4		15.0			
1,2-Dichlorobenzene	1.3705	1.4038 1.3315	1.3652 1.4410	1.3667 1.3812	1.3835	Ave		1.3804			0.0500	2.3		15.0			
2-Methylphenol	1.2483	1.1180 1.2025	1.1600 1.3213	1.2161 1.2534	1.2403	Ave		1.2200			0.0500	5.1		15.0			
bis (2-chloroisopropyl) ether	1.8650	1.8783 1.8356	1.9286 2.0334	1.8899 1.8770	1.8696	Ave		1.8972			0.0500	3.2		15.0			
3 & 4 Methylphenol	1.3018	1.2326 1.2779	1.1884 1.3978	1.2611 1.2867	1.2851	Ave		1.2789			0.0500	4.7		15.0			
N-Nitrosodi-n-propylamine	0.9250	0.8236 0.9070	0.8471 0.9792	0.9082 0.9177	0.9391	Ave		0.9059			0.0500	5.5		15.0			
Acetophenone	1.7864	1.7810 1.7584	1.7811 1.9057	1.8130 1.8063	1.8313	Ave		1.8079			0.0500	2.5		15.0			
Hexachloroethane	0.5803	0.6397 0.5697	0.5746 0.6095	0.5678 0.5781	0.5877	Ave		0.5884			0.0500	4.2		15.0			
Nitrobenzene	0.3721	0.3322 0.3640	0.3444 0.3849	0.3655 0.3788	0.3660	Ave		0.3635			0.0500	4.8		15.0			
2,4-Dinitrophenol	0.1765	+++++ 0.1941	+++++ 0.2021	0.1239 0.1948	0.1518	Qua	-0.481	0.2109	0		0.0500				0.9980		0.9950
Isophorone	0.6476	0.5485 0.6449	0.5969 0.7001	0.6299 0.6793	0.6570	Ave		0.6380			0.0500	7.5		15.0			
2-Nitrophenol	0.1846	0.1386 0.1803	0.1450 0.1892	0.1662 0.1829	0.1815	Ave		0.1710			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	0.3164	0.3122 0.3053	0.3368 0.3192	0.3135 0.3116	0.3224	Ave		0.3172			0.0500	3.0		15.0			
2,4-Dimethylphenol	0.3404	0.2987 0.3364	0.3475 0.3515	0.3369 0.3432	0.3353	Ave		0.3362			0.0500	4.8		15.0			
Bis(2-chloroethoxy)methane	0.4021	0.3889 0.3990	0.4036 0.4147	0.4126 0.4087	0.4122	Ave		0.4052			0.0500	2.1		15.0			
2,4-Dichlorophenol	0.2713	0.2421 0.2687	0.2419 0.2875	0.2616 0.2814	0.2712	Ave		0.2657			0.0500	6.3		15.0			
1,2,4-Trichlorobenzene	0.3131	0.3227 0.3098	0.3195 0.3193	0.3147 0.3186	0.3173	Ave		0.3169			0.0500	1.3		15.0			
Naphthalene	0.9105 1.0019	0.9983 0.9967	0.9777 1.0621	0.9833 1.0522	1.0125	Ave		0.9995			0.0500	4.4		15.0			
4-Chloroaniline	0.4328	0.3864 0.4270	0.4043 0.4590	0.4265 0.4444	0.4280	Ave		0.4261			0.0500	5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1723	0.1815 0.1648	0.1756 0.1728	0.1707 0.1721	0.1632	Ave		0.1716			0.0500	3.4		15.0			
Caprolactam	0.0928	0.0513 0.1026	0.0744 0.0913	0.0901 0.0846	0.0970	Qua	-0.053	0.1187	-0.001		0.0500				0.9970		0.9950
4-Chloro-3-methylphenol	0.2896	0.2513 0.2886	0.2699 0.3116	0.2780 0.3041	0.2902	Ave		0.2854			0.0500	6.7		15.0			
2-Methylnaphthalene	0.5957 0.6414	0.6587 0.6257	0.6252 0.6720	0.6353 0.6588	0.6409	Ave		0.6393			0.0500	3.6		15.0			
1-Methylnaphthalene	0.5613 0.6120	0.5620 0.6131	0.6006 0.6420	0.6295 0.6346	0.6201	Ave		0.6084			0.0500	4.8		15.0			
1,2,3,5-Tetrachlorobenzene	0.5377	0.5627 0.5320	0.5476 0.5410	0.5332 0.5292	0.5659	Ave		0.5437			0.0500	2.6		15.0			
Hexachlorocyclopentadiene	0.3321	0.3044 0.3273	0.2902 0.3513	0.3153 0.3438	0.3287	Ave		0.3241			0.0500	6.2		15.0			
2,4,6-Trichlorophenol	0.3564	0.2820 0.3537	0.3048 0.3708	0.3205 0.3569	0.3522	Ave		0.3372			0.0500	9.2		15.0			
4,6-Dinitro-2-methylphenol	0.1332	+++++ 0.1334	0.0737 0.1454	0.0882 0.1421	0.1162	Qua	-0.091	0.1373	0.0004		0.0500				0.9990		0.9950
2,4,5-Trichlorophenol	0.3838	0.2978 0.3845	0.3338 0.4018	0.3572 0.3775	0.3691	Ave		0.3632			0.0500	9.2		15.0			
2,4-Toluene diamine	0.2040	0.2174 0.1846	0.2277 0.1679	0.2230 0.1793	0.2252	Ave		0.2036			0.0500	12.0		15.0			
1,1'-Biphenyl	1.4859 1.3972	1.3995 1.3777	1.3829 1.4625	1.3912 1.3964	1.4213	Ave		1.4127			0.0500	2.6		15.0			
2-Chloronaphthalene	1.0803 1.1163	1.1085 1.0859	1.0968 1.1464	1.1127 1.0969	1.0971	Ave		1.1046			0.0500	1.8		15.0			
2-Nitroaniline	0.3491	0.2778 0.3477	0.2713 0.3698	0.3032 0.3479	0.3271	Ave		0.3242			0.0500	11.0		15.0			
Dimethyl phthalate	1.1987	1.1235 1.1820	1.1109 1.2682	1.1428 1.2104	1.1617	Ave		1.1748			0.0500	4.4		15.0			
2,6-Dinitrotoluene	0.2715	0.1744 0.2632	0.1956 0.2877	0.2063 0.2705	0.2441	Qua	-0.114	0.2818	0		0.0500				0.9980		0.9950
1,2-Dinitrobenzene	0.1380	0.1060 0.1435	0.1036 0.1514	0.1254 0.1442	0.1308	Ave		0.1303			0.0500	14.0		15.0			
Acenaphthylene	1.7126 1.8793	1.7459 1.8562	1.6910 1.9899	1.7949 1.9173	1.8341	Ave		1.8246			0.0500	5.4		15.0			
3-Nitroaniline	0.3205	0.2209 0.3212	0.2379 0.3478	0.2753 0.3271	0.3019	Ave		0.2941			0.0500	15.0		15.0			
Acenaphthene	1.0184 1.1063	1.1266 1.0621	1.1206 1.1301	1.1148 1.0865	1.1101	Ave		1.0973			0.0500	3.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Nitrophenol	0.1836	0.1310 0.1821	0.1417 0.1968	0.1566 0.1898	0.1733	Ave		0.1694			0.0500	14.0		15.0			
2,4-Dinitrotoluene	0.3607	0.2264 0.3599	0.2488 0.3926	0.3014 0.3747	0.3412	Qua	-0.127	0.3704	0.0006		0.0500				0.9980		0.9950
Dibenzofuran	1.7193 1.6180	1.5780 1.6036	1.5718 1.7016	1.6076 1.6465	1.6104	Ave		1.6285			0.0500	3.2		15.0			
2,3,5,6-Tetrachlorophenol	0.3223	0.2284 0.3208	0.2595 0.3433	0.2792 0.3254	0.3164	Ave		0.2994			0.0500	13.0		15.0			
Diethyl phthalate	1.2294	1.1783 1.2226	1.1857 1.3397	1.1716 1.2653	1.2324	Ave		1.2281			0.0500	4.5		15.0			
4-Chlorophenyl phenyl ether	0.6357	0.5733 0.6065	0.6180 0.6588	0.6260 0.6156	0.6157	Ave		0.6187			0.0500	4.0		15.0			
4-Nitroaniline	0.3167	0.2009 0.3139	0.2466 0.3397	0.2878 0.3185	0.3130	Qua	-0.094	0.3343	0		0.0500				0.9980		0.9950
Fluorene	1.2550 1.3314	1.2851 1.2890	1.3063 1.3521	1.3185 1.3149	1.3171	Ave		1.3077			0.0500	2.2		15.0			
N-Nitrosodiphenylamine	0.5728	0.4888 0.5500	0.5058 0.5914	0.5695 0.5772	0.5578	Ave		0.5517			0.0500	6.5		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.7981	0.7105 0.7796	0.7344 0.8275	0.7817 0.8098	0.7914	Ave		0.7785			0.0500	5.1		15.0			
Azobenzene	0.7981	0.7105 0.7796	0.7300 0.8276	0.7807 0.8098	0.7914	Ave		0.7785			0.0500	5.1		15.0			
4-Bromophenyl phenyl ether	0.2103	0.2038 0.2029	0.1921 0.2110	0.1976 0.2065	0.2078	Ave		0.2040			0.0500	3.2		15.0			
Hexachlorobenzene	0.2152 0.2098	0.2166 0.1993	0.2112 0.2102	0.2097 0.2062	0.2126	Ave		0.2101			0.0500	2.4		15.0			
Atrazine	0.1636	0.1172 0.1499	0.1507 0.1484	0.1589 0.1487	0.1638	Ave		0.1501			0.0500	9.9		15.0			
Pentachlorophenol	0.1432	0.0764 0.1437	0.1025 0.1479	0.1304 0.1499	0.1435	Qua	-0.053	0.1417	0.0002		0.0500				1.0000		0.9950
Phenanthrene	1.1503 1.0817	1.1095 1.0457	1.0769 1.1249	1.0763 1.1011	1.0687	Ave		1.0928			0.0500	2.9		15.0			
Anthracene	0.9330 1.1262	1.0252 1.1070	1.0620 1.1808	1.0695 1.1555	1.1124	Ave		1.0857			0.0500	6.9		15.0			
Carbazole	1.0898	0.9420 1.0735	0.9667 1.1392	1.0151 1.1185	1.0930	Ave		1.0547			0.0500	6.8		15.0			
Di-n-butyl phthalate	1.2688	0.9110 1.2244	1.0258 1.3316	1.1387 1.3294	1.2465	Ave		1.1846			0.0500	13.0		15.0			
Fluoranthene	1.0035 1.2732	1.1167 1.2401	1.1487 1.3336	1.2045 1.2971	1.2443	Ave		1.2069			0.0500	8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.6836	0.2847 0.7032	0.3811 0.7698	0.5359 0.7647	0.6427	Qua	-0.269	0.6709	0.0045		0.0500				0.9990		0.9950
Pyrene	1.1637 1.3101	1.1792 1.2804	1.2217 1.3838	1.3006 1.3658	1.2819	Ave		1.2764			0.0500	6.0		15.0			
Butyl benzyl phthalate	0.5270	0.3318 0.5208	0.4406 0.5674	0.4867 0.5582	0.5295	Qua	-0.063	0.5118	0.0021		0.0500				0.9990		0.9950
3,3'-Dimethoxybenzidine	0.2697	0.0685 0.2865	0.1012 0.3178	0.1548 0.3080	0.2350	Qua	-0.202	0.2800	0.0017		0.0500				0.9980		0.9950
3,3'-Dichlorobenzidine	0.4507	0.2772 0.4386	0.3338 0.4636	0.4149 0.4556	0.4380	Qua	-0.089	0.4498	0.0005		0.0500				0.9990		0.9950
4,4'-Methylene bis(2-chloroaniline)	0.2061	0.1139 0.2039	0.1602 0.2145	0.1909 0.2173	0.2051	Qua	-0.025	0.1980	0.0008		0.0500				1.0000		0.9950
Bis(2-ethylhexyl) phthalate	0.7391	0.4220 0.7353	0.5769 0.8101	0.6687 0.7859	0.7501	Qua	-0.141	0.7332	0.0027		0.0500				0.9980		0.9950
Benzo[a]anthracene	1.0633 1.1208	1.0496 1.1086	1.0591 1.1999	1.1188 1.1829	1.1436	Ave		1.1163			0.0500	4.8		15.0			
Chrysene	1.1088 1.0735	1.0016 1.0386	1.0354 1.1149	1.0406 1.1059	1.0559	Ave		1.0639			0.0500	3.7		15.0			
Di-n-octyl phthalate	1.4170	0.5551 1.4815	0.8647 1.5992	1.1420 1.5917	1.4775	Qua	-0.468	1.4228	0.0080		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	0.9862 1.3488	1.1161 1.3724	1.1849 1.4679	1.2297 1.4116	1.3666	Ave		1.2760			0.0500	12.0		15.0			
Benzo[k]fluoranthene	1.1257 1.5289	1.0930 1.4656	1.3912 1.5039	1.3803 1.5708	1.4196	Ave		1.3866			0.0500	12.0		15.0			
Benzo[a]pyrene	0.7438 1.3440	0.9346 1.3356	1.0419 1.3870	1.1887 1.4112	1.3040	Qua	-0.145	1.2861	0.0052		0.0500				1.0000		0.9950
Indeno[1,2,3-cd]pyrene	0.8289 1.4466	1.0135 1.4570	1.2258 1.5136	1.3229 1.5238	1.4928	Qua	-0.115	1.4180	0.0045		0.0500				1.0000		0.9950
Dibenz(a,h)anthracene	0.6833 1.2451	0.6703 1.2381	0.9755 1.2821	1.1210 1.2756	1.2071	Qua	-0.209	1.2385	0.0020		0.0500				1.0000		0.9950
Benzo[g,h,i]perylene	0.8878 1.2515	0.8506 1.2343	1.0454 1.2968	1.1757 1.3076	1.2569	Ave		1.1452			0.0500	15.0		15.0			
2-Fluorophenol (Surr)	1.2400	1.1712 1.2208	1.1762 1.3328	1.2045 1.2613	1.2849	Ave		1.2365			0.0500	4.5		15.0			
Phenol-d5 (Surr)	1.5816	1.4166 1.5782	1.4942 1.7117	1.5181 1.6113	1.6467	Ave		1.5698			0.0500	5.9		15.0			
Nitrobenzene-d5 (Surr)	0.3055 0.3585	0.3349 0.3630	0.3281 0.3828	0.3491 0.3731	0.3702	Ave		0.3517			0.0500	7.1		15.0			
2-Fluorobiphenyl (Surr)	1.2554 1.3099	1.2016 1.2997	1.2987 1.3846	1.2999 1.3063	1.3233	Ave		1.2977			0.0500	3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1718	0.1422 0.1717	0.1490 0.1798	0.1693 0.1734	0.1664	Ave		0.1655			0.0500	7.8		15.0			
Terphenyl-d14 (Surr)	0.7066 0.7557	0.6865 0.7362	0.7505 0.7829	0.7306 0.7668	0.7516	Ave		0.7408			0.0500	4.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64102/6	21107006.D
Level 2	STD2 240-64102/5	21107005.D
Level 3	STD3 240-64102/4	21107004.D
Level 4	STD4 240-64102/3	21107003.D
Level 5	STD5 240-64102/2	21107002.D
Level 6	STD6 240-64102/10	21107010.D
Level 7	STD7 240-64102/9	21107009.D
Level 8	STD8 240-64102/8	21107008.D
Level 9	STD9 240-64102/7	21107007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	289158	11562 357431	23164 533305	55904 670580	142017	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Qua	423432	16701 710533	28816 1152976	71522 1020584	212159	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	794755	27577 1240295	65639 1976673	149530 1811625	374604	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	626893	27799 959932	59659 1555123	124158 1410556	312745	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	453140	18024 675455	33652 1105388	76071 983880	210933	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Malononitrile	DCB	Ave	857909	28334 1310337	66484 2134060	155901 1838076	390867	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	6123 555643	31159 807962	62570 1113893	122662 +++++	298755	0.100 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Phenol	DCB	Ave	962001	40912 1483091	89598 2377819	190407 2157751	458900	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1186890	54295 1852000	111747 2982264	229723 2711054	568878	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	738530	35302 1122950	69570 1820736	140402 1653462	347012	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	769809	35434 1178499	72394 1939192	145623 1749387	371385	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	833741	40215 1256355	79469 2033209	159793 1840193	389651	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	941901	+++++ 1543106	46025 2567708	132117 2263947	415455	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	816468	38155 1250498	84247 1994970	159665 1812536	389514	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzyl alcohol	DCB	Ave	485275	19926 752132	44492 1218061	89671 1109887	223988	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	777307	38122 1182427	74698 1921155	152018 1761611	375084	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	707992	30361 1067935	63472 1761548	135275 1598670	336260	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	1057806	51009 1630140	105528 2710885	210217 2394076	506864	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	738384	33473 1134834	65029 1863583	140272 1641179	348410	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	524618	22365 805470	46353 1305510	101018 1170477	254602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1013196	48366 1561539	97459 2540663	201660 2303818	496471	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	329140	17373 505961	31442 812553	63158 737294	159343	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	818068	34749 1234618	73250 2023003	155054 1835606	380712	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	434552	+++++ 743918	+++++ 1219360	59512 1106604	178806	20.0	+++++ 30.0	+++++ 40.0	4.00 50.0	10.0
Isophorone	NPT	Ave	1423776	57372 2187568	126950 3679329	267180 3291755	683437	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	405972	14494 611408	30847 994494	70506 886070	188786	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	695736	32662 1035680	71625 1677390	132978 1509857	335399	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	748351	31245 1141006	73913 1847588	142902 1663053	348751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	884059	40685 1353489	85844 2179326	175010 1980306	428717	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	596606	25326 911378	51449 1510979	110980 1363692	282075	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	688485	33761 1050932	67950 1678302	133494 1543759	330090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	19322 2202898	104432 3380709	207949 5581839	417095 5098943	1053202	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	951670	40420 1448322	85983 2412184	180927 2153710	445160	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	378760	18988 559120	37357 908100	72425 834160	169782	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Qua	203996	5367 347893	15825 479685	38238 409876	100915	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	636751	26283 979022	57414 1637447	117925 1473568	301893	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	12641 1410272	68907 2122405	132969 3531733	269497 3192368	666699	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	11911 1345567	58790 2079707	127733 3374252	267037 3074953	645006	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,3,5-Tetrachlorobenzene	ANT	Ave	661897	32952 1019623	66113 1631883	128013 1502806	333308	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	408777	17829 627279	35037 1059644	75700 976433	193605	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	438732	16515 677861	36798 1118437	76952 1013558	207440	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	278233	+++++ 443519	15094 771658	35487 687768	116255	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	472532	17442 736914	40304 1212108	85752 1072129	217393	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	448465	22739 626231	48429 882419	94573 868625	234302	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	17216 1719982	81962 2640427	166955 4411496	334018 3965786	837098	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	12516 1374271	64920 2081186	132416 3457946	267168 3115146	646125	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	429808	16267 666331	32751 1115602	72790 987900	192655	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	1475655	65798 2265250	134112 3825470	274388 3437402	684216	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Qua	334247	10212 504465	23611 867959	49544 768083	143744	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Ave	169862	6207 274957	12508 456583	30109 409392	77035	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	19842 2313540	102247 3557410	204149 6002224	430961 5445218	1080206	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	394571	12934 615665	28723 1049195	66096 928853	177798	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	11799 1361892	65980 2035418	135288 3408737	267664 3085730	653779	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	226043	7674 349036	17102 593687	37608 539112	102063	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Qua	444005	13261 689685	30038 1184303	72363 1064143	200956	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	19920 1991799	92415 3073293	189757 5132615	385979 4675894	948455	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,5,6-Tetrachlorophenol	ANT	Ave	396818	13375 614787	31327 1035587	67024 924029	186352	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	1513449	69007 2343096	143148 4041181	281309 3593483	725800	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	782567	33574 1162318	74611 1987312	150307 1748364	362616	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Qua	389910	11766 601597	29767 1024556	69104 904568	184371	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	14541 1639050	75260 2470279	157705 4078515	316575 3734212	775737	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	1196917	48479 1828202	103574 3139006	229170 2794355	557916	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1667611	70470 2591614	150391 4392481	314576 3920417	791558	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1667682	70470 2591614	149488 4392962	314156 3920417	791545	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	439508	20216 674593	39331 1120053	79534 999726	207879	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4345 438431	21486 662379	43253 1115873	84396 998152	212637	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	341754	11621 498220	30861 787545	63939 719727	163869	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	598614	15165 955144	41969 1569637	104950 1450927	287148	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	23225 2260189	110046 3476136	220519 5971362	433106 5330724	1068922	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	18837 2353100	101682 3680078	217474 6267637	430381 5594055	1112637	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2277045	93434 3568538	197951 6046967	408478 5414909	1093203	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	2651212	90362 4070394	210054 7068549	458237 6436053	1246760	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	20262 2660336	110763 4122306	235226 7078899	484691 6279316	1244553	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	1469820	27899 2388297	76576 4126710	214814 3730708	655520	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	22058 2816771	115570 4348537	245503 7417941	521365 6663115	1307380	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Qua	1133141	32519 1768738	88541 3041849	195105 2723023	540090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	579861	6711 973101	20339 1703500	62050 1502602	239684	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Qua	969006	27172 1489461	67080 2485326	166325 2222486	446705	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Qua	443048	11161 692599	32199 1150023	76535 1060036	209164	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Qua	1589061	41362 2497259	115915 4342850	268071 3834094	765063	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	20154 2409756	102866 3764867	212829 6432402	448512 5770519	1166326	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	21017 2308021	98168 3527188	208048 5976490	417152 5395172	1076954	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	2499506	43155 4101786	141890 7366681	381659 6486699	1241516	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	14882 2379256	86780 3799785	194423 6761810	410977 5752475	1148363	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	16988 2696900	84980 4057783	228277 6927834	461295 6401152	1192893	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Qua	11224 2370709	72665 3697959	170963 6389303	397256 5751071	1095766	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Qua	12509 2551684	78803 4034138	201147 6972181	442121 6209963	1254415	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Qua	10312 2196359	52116 3427896	160063 5905981	374654 5198411	1014317	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	13397 2207668	66135 3417401	171531 5973870	392925 5328943	1056181	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	703304	31806 1084134	64360 1776893	133975 1608759	348345	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	897045	38471 1401532	81760 2282025	168861 2055113	446436	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	6483 788287	35037 1231341	69774 2011974	148067 1807783	385038	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	14545 1612497	70370 2490882	156787 4176600	312106 3709926	779335	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	211519	8328 329077	17989 542442	40652 492588	98030	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	13394 1624778	67286 2500174	150800 4196729	292869 3740756	766600	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	07-Nov-2012 11:44:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014744-002		
Misc. Info.:	std5 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	64102	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:05	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: ulmanm		Date:	07-Nov-2012 12:04:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	216888	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	832156	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	93	471163	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	800140	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	93	815929	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	672229	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	88	348345	5.20	
$ 8 Phenol-d5	99	5.540	5.540	0.0	88	446436	5.24	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	87	385038	5.26	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	779335	5.10	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	86	98030	5.03	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	99	766600	5.07	
24 1,4-Dioxane	88	2.507	2.502	0.005	91	142017	5.64	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	87	212159	5.08	
26 Pyridine	79	3.010	3.005	0.005	96	374604	5.19	
27 Ethyl methacrylate	69	3.641	3.641	0.0	90	312745	5.22	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	210933	5.27	
32 Malononitrile	66	4.342	4.342	0.0	98	390867	5.18	
40 Benzaldehyde	77	5.508	5.508	0.0	96	298755	5.28	
41 Phenol	94	5.551	5.551	0.0	99	458900	5.06	
43 Aniline	93	5.599	5.599	0.0	98	568878	5.01	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	93	347012	4.95	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	371385	5.07	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	389651	4.93	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	91	389514	4.96	
49 Benzyl alcohol	108	6.011	6.011	0.0	92	223988	4.96	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	375084	5.01	
51 2-Methylphenol	108	6.096	6.096	0.0	94	336260	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	91	506864	4.93	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	97	348410	5.02	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	88	254602	5.18	
57 Acetophenone	105	6.251	6.251	0.0	92	496471	5.06	
60 Hexachloroethane	117	6.353	6.353	0.0	93	159343	4.99	
61 Nitrobenzene	77	6.401	6.401	0.0	80	380712	5.03	
63 Isophorone	82	6.604	6.605	0.0	98	683437	5.15	
65 2-Nitrophenol	139	6.679	6.679	0.0	93	188786	5.31	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	93	335399	5.08	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	92	348751	4.99	
69 Benzoic acid	122	6.738	6.760	-0.022	84	415455	9.81	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	428717	5.09	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	282075	5.10	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	89	330090	5.01	
73 Naphthalene	128	7.032	7.032	0.0	95	1053202	5.07	
74 4-Chloroaniline	127	7.064	7.064	0.0	86	445160	5.02	
77 Hexachlorobutadiene	225	7.134	7.129	0.005	92	169782	4.75	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	88	308962	0	
83 Caprolactam	113	7.343	7.348	-0.005	74	100915	4.78	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	96	301893	5.08	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	89	666699	5.01	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	86	645006	5.10	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	91	333308	5.20	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	88	193605	5.07	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	90	207440	5.22	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	217393	5.08	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	99	234302	5.53	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	93	308929	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	837098	5.03	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	646125	4.97	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	192655	5.04	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	684216	4.94	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	89	143744	4.74	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	88	77035	5.02	
107 Acenaphthylene	152	8.391	8.391	0.0	91	1080206	5.03	
108 3-Nitroaniline	138	8.450	8.450	0.0	95	177798	5.13	
110 Acenaphthene	153	8.535	8.535	0.0	82	653779	5.06	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	59	178806	9.51	
111 4-Nitrophenol	109	8.562	8.562	0.0	92	102063	5.12	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	88	200956	4.91	
114 Dibenzofuran	168	8.680	8.680	0.0	87	948455	4.94	
115 2,3,5,6-Tetrachlorophenol	232	8.739	8.733	0.006	87	186352	5.28	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	725800	5.02	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	362616	4.98	
123 4-Nitroaniline	138	8.969	8.969	0.0	87	184371	4.98	
124 Fluorene	166	8.974	8.969	0.005	82	775737	5.04	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	82	116255	4.83	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	557916	5.06	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	791558	5.08	
131 Azobenzene	77	9.092	9.092	0.0	99	791545	5.08	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	63	207879	5.09	
139 Hexachlorobenzene	284	9.434	9.434	0.0	86	212637	5.06	
140 Atrazine	200	9.487	9.482	0.005	93	163869	5.46	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	89	287148	10.4	
146 Phenanthrene	178	9.787	9.787	0.0	97	1068922	4.89	
147 Anthracene	178	9.830	9.830	0.0	97	1112637	5.12	
149 Carbazole	167	9.953	9.953	0.0	82	1093203	5.18	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	1246760	5.26	
157 Fluoranthene	202	10.792	10.792	0.0	98	1244553	5.16	
158 Benzidine	184	10.889	10.894	-0.005	98	655520	5.02	
160 Pyrene	202	11.001	11.001	0.0	96	1307380	5.02	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	540090	5.18	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	91	239684	4.78	
173 3,3'-Dichlorobenzidine	252	12.237	12.237	0.0	63	446705	5.04	
172 4,4'-Methylene bis(2-chloroanili	231	12.237	12.237	0.0	65	209164	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	765063	5.21	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	98	1166326	5.12	
176 Chrysene	228	12.338	12.338	0.0	95	1076954	4.96	
178 Di-n-octyl phthalate	149	13.173	13.167	0.006	99	1241516	5.36	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	95	1148363	5.36	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	90	1192893	5.12	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	1095766	5.08	
186 Indeno[1,2,3-cd]pyrene	276	16.013	16.007	0.006	94	1254415	5.26	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	71	1014317	5.00	
188 Benzo[g,h,i]perylene	276	16.451	16.446	0.005	90	1056181	5.49	
S 189 Methyl Phenols,Total	100				0		5.08	

QC Flag Legend

Review Flags
M - Manually Integrated

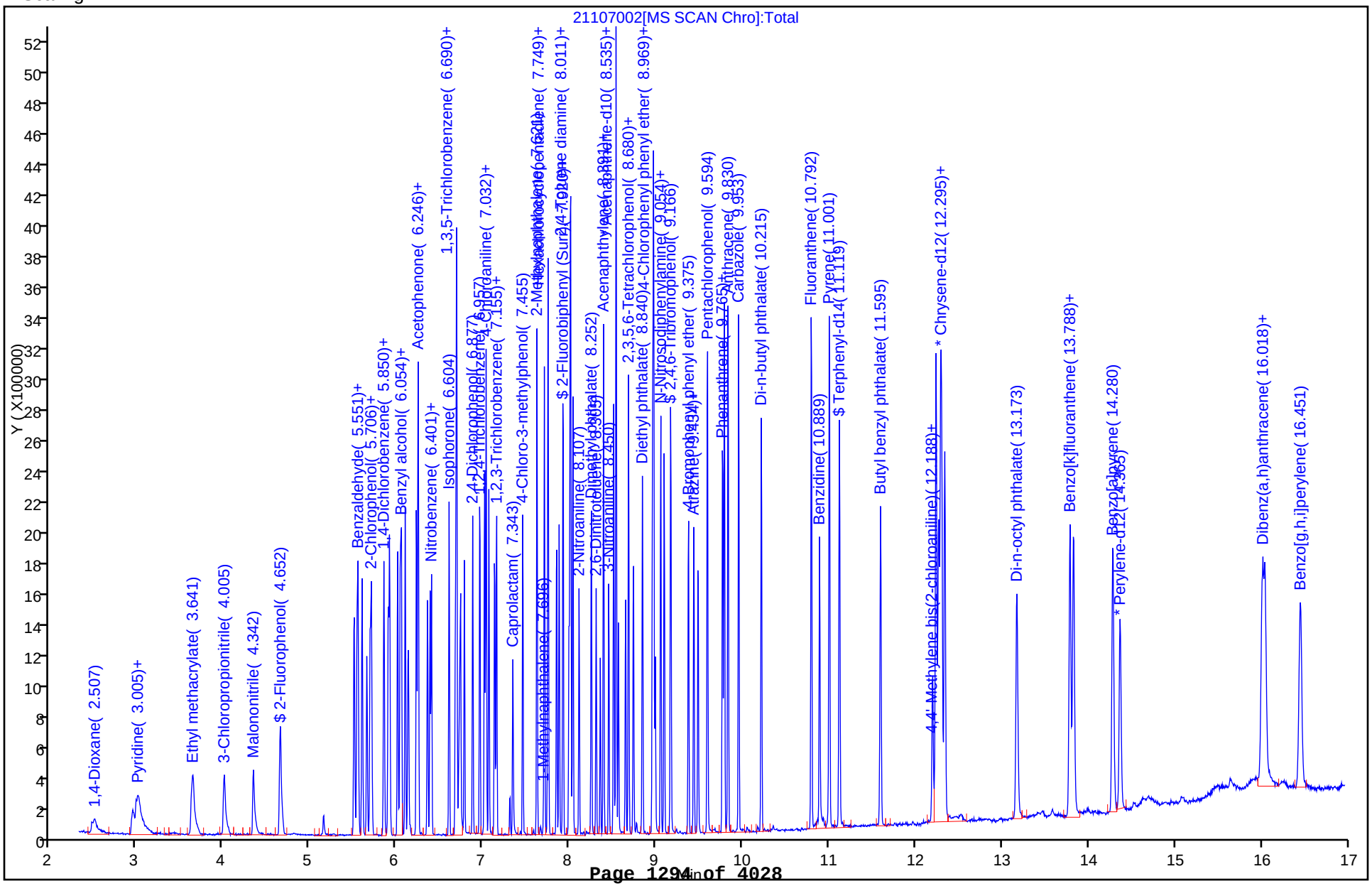
Report Date: 08-Nov-2012 13:38:05 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D

Injection Date:	07-Nov-2012 11:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

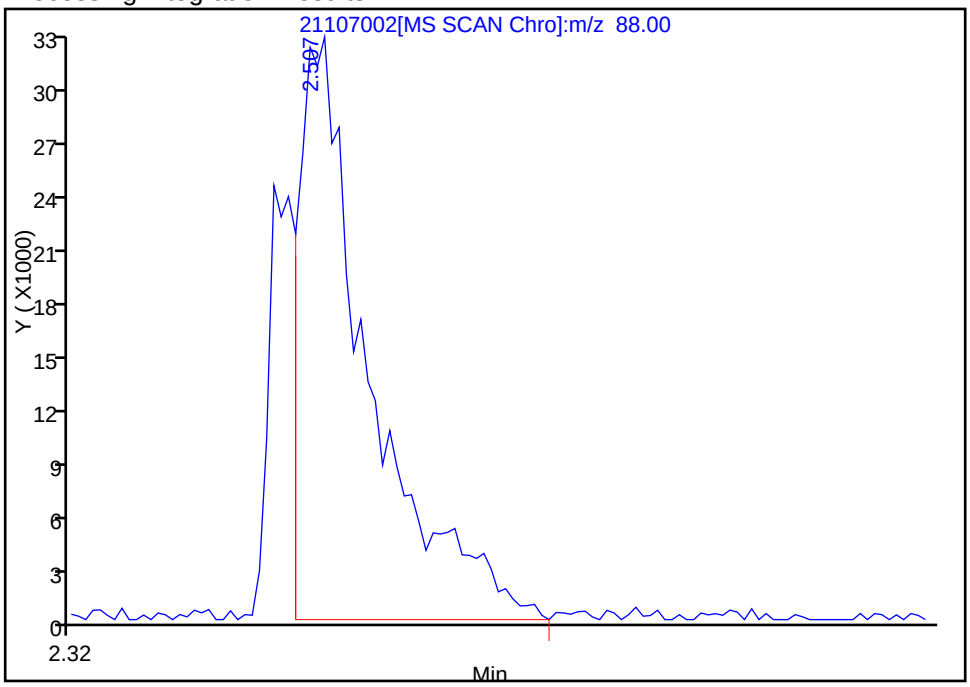
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D		
Injection Date:	07-Nov-2012 11:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

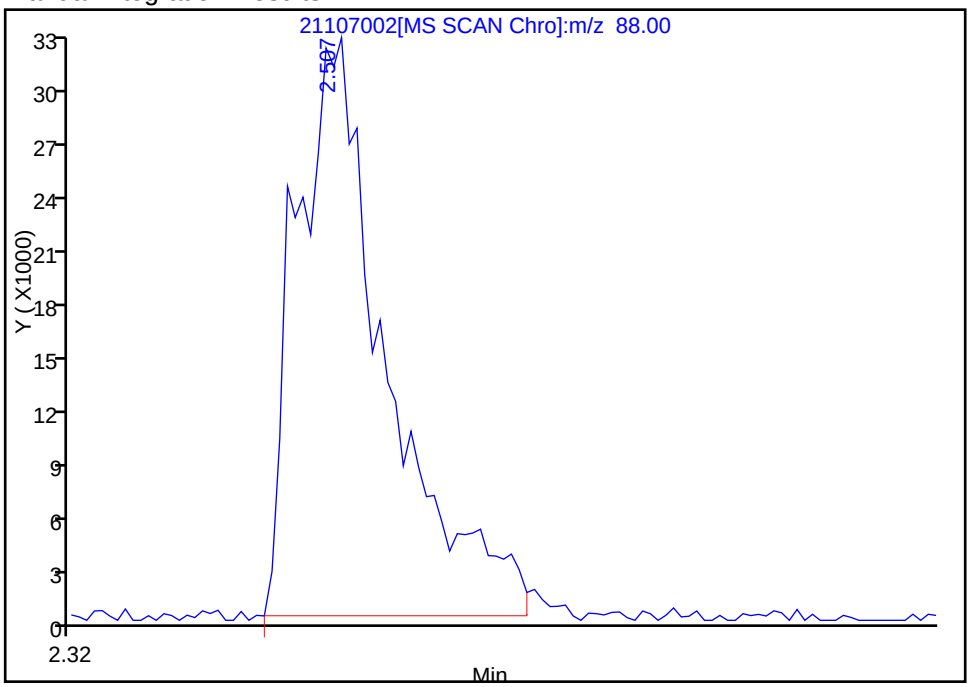
Processing Integration Results

RT: 2.51
Response: 119596
Amount: 5.211492



Manual Integration Results

RT: 2.51
Response: 142017
Amount: 5.642357



Reviewer: gruberj, 07-Nov-2012 14:47:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:07:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014744-003		
Misc. Info.:	std4 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	64102	Lims Sample ID:	3
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:06	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:47:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	97	222465	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	848347	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	480198	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	804821	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	97	801741	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	97	668413	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	90	133975	1.95	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	168861	1.93	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	84	148067	1.99	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	312106	2.00	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	88	40652	2.05	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	292869	1.97	
24 1,4-Dioxane	88	2.502	2.502	0.0	91	55904	2.17	
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	83	71522	1.92	
26 Pyridine	79	3.015	3.005	0.010	94	149530	2.02	
27 Ethyl methacrylate	69	3.636	3.641	-0.005	89	124158	2.02	
28 3-Chloropropionitrile	54	4.010	4.005	0.005	88	76071	1.85	
32 Malononitrile	66	4.342	4.342	0.0	97	155901	2.01	
40 Benzaldehyde	77	5.508	5.508	0.0	92	122662	2.11	
41 Phenol	94	5.551	5.551	0.0	98	190407	2.05	
43 Aniline	93	5.599	5.599	0.0	98	229723	1.97	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	92	140402	1.95	
46 2-Chlorophenol	128	5.706	5.706	0.0	95	145623	1.94	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	159793	1.97	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	83	159665	1.98	
49 Benzyl alcohol	108	6.011	6.011	0.0	93	89671	1.94	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	94	152018	1.98	
51 2-Methylphenol	108	6.096	6.096	0.0	94	135275	1.99	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	89	210217	1.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	96	140272	1.97	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	87	101018	2.01	
57 Acetophenone	105	6.246	6.251	-0.005	92	201660	2.01	
60 Hexachloroethane	117	6.353	6.353	0.0	93	63158	1.93	
61 Nitrobenzene	77	6.401	6.401	0.0	86	155054	2.01	
63 Isophorone	82	6.604	6.605	0.0	97	267180	1.97	
65 2-Nitrophenol	139	6.679	6.679	0.0	92	70506	1.94	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	132978	1.98	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	91	142902	2.00	
69 Benzoic acid	122	6.722	6.760	-0.038	82	132117	4.06	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	98	175010	2.04	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	95	110980	1.97	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	88	133494	1.99	
73 Naphthalene	128	7.032	7.032	0.0	95	417095	1.97	
74 4-Chloroaniline	127	7.064	7.064	0.0	84	180927	2.00	
77 Hexachlorobutadiene	225	7.128	7.129	-0.001	95	72425	1.99	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	88	125746	0	
83 Caprolactam	113	7.337	7.348	-0.011	76	38238	2.01	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	92	117925	1.95	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	89	269497	1.99	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	267037	2.07	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	95	128013	1.96	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	80	75700	1.95	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	90	76952	1.90	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	85752	1.97	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	97	94573	2.19	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	83	129065	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	88	334018	1.97	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	267168	2.01	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	72790	1.87	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	98	274388	1.95	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	85	49544	1.87	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	84	30109	1.92	
107 Acenaphthylene	152	8.391	8.391	0.0	92	430961	1.97	
108 3-Nitroaniline	138	8.450	8.450	0.0	93	66096	1.87	
110 Acenaphthene	153	8.535	8.535	0.0	92	267664	2.03	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	58	59512	4.64	
111 4-Nitrophenol	109	8.562	8.562	0.0	87	37608	1.85	
112 2,4-Dinitrotoluene	165	8.647	8.648	-0.001	92	72363	1.96	
114 Dibenzofuran	168	8.680	8.680	0.0	89	385979	1.97	
115 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	80	67024	1.86	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	281309	1.91	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	90	150307	2.02	
123 4-Nitroaniline	138	8.963	8.969	-0.006	86	69104	2.01	
124 Fluorene	166	8.968	8.969	-0.001	91	316575	2.02	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	79	35487	1.94	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	229170	2.06	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	314576	2.01	
131 Azobenzene	77	9.091	9.092	-0.001	98	314156	2.01	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	60	79534	1.94	
139 Hexachlorobenzene	284	9.434	9.434	0.0	93	84396	2.00	
140 Atrazine	200	9.482	9.482	0.0	86	63939	2.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	90	104950	4.04	
146 Phenanthrene	178	9.787	9.787	0.0	96	433106	1.97	
147 Anthracene	178	9.830	9.830	0.0	97	430381	1.97	
149 Carbazole	167	9.953	9.953	0.0	82	408478	1.92	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	458237	1.92	
157 Fluoranthene	202	10.792	10.792	0.0	98	484691	2.00	
158 Benzidine	184	10.889	10.894	-0.005	98	214814	1.97	
160 Pyrene	202	11.001	11.001	0.0	97	521365	2.04	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	195105	2.01	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	88	62050	1.81	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	69	166325	2.04	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	70	76535	2.04	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	268071	2.00	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	96	448512	2.00	
176 Chrysene	228	12.338	12.338	0.0	92	417152	1.96	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	381659	1.91	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	93	410977	1.93	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	97	461295	1.99	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	76	397256	1.95	
186 Indeno[1,2,3-cd]pyrene	276	16.013	16.007	0.006	98	442121	1.94	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	75	374654	1.97	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	94	392925	2.05	
S 189 Methyl Phenols,Total	100				0		1.99	

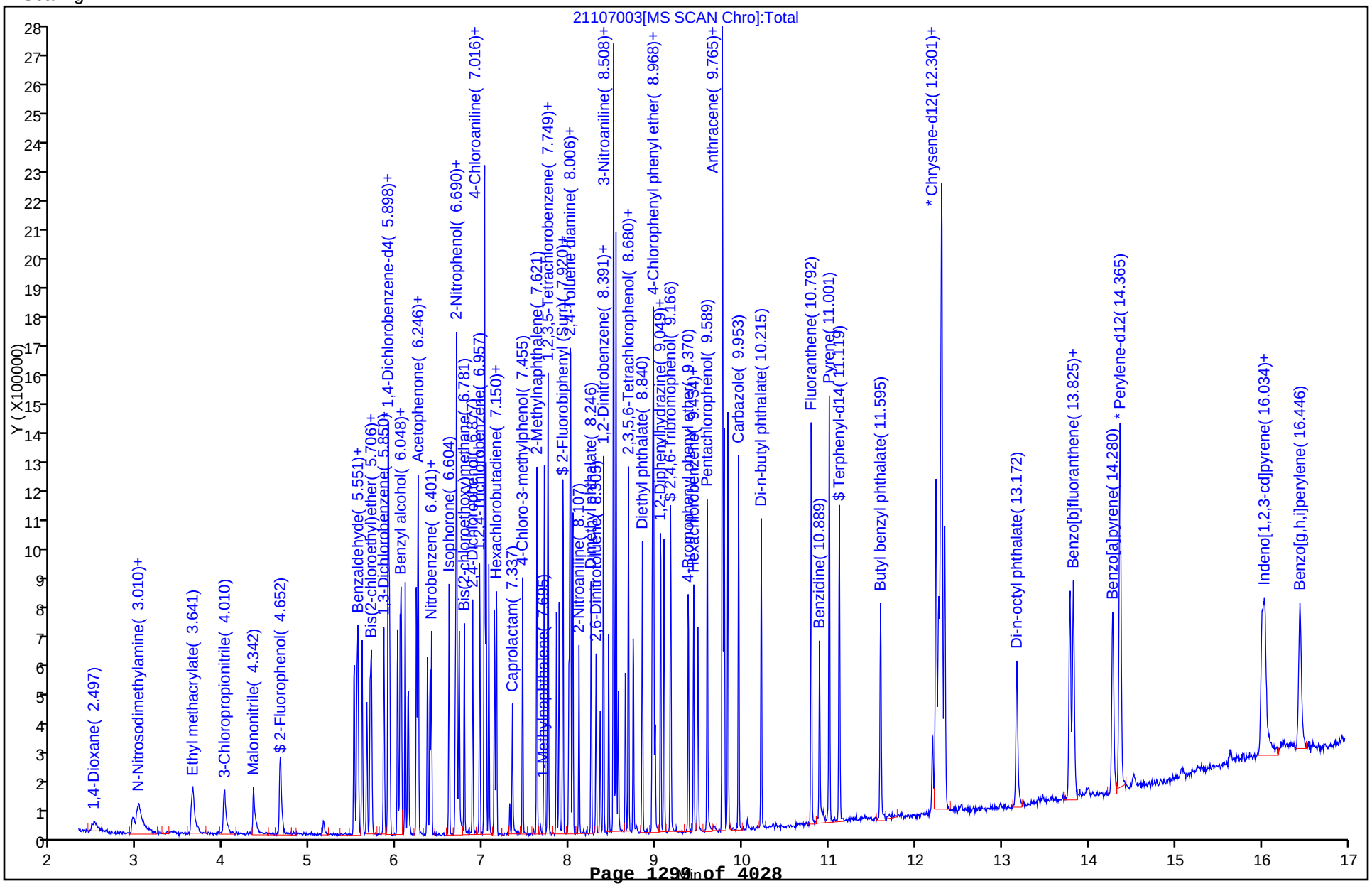
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107003.D

Injection Date:	07-Nov-2012 12:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014744-004		
Misc. Info.:	std3 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	64102	Lims Sample ID:	4
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:07	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:47:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	94	218870	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	850749	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	91	482907	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	819100	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	90	803775	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	656353	4.00	
$ 7 2-Fluorophenol	112	4.657	4.652	0.005	86	64360	0.9513	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	81760	0.9519	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	87	69774	0.9328	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	99	156787	1.00	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	90	17989	0.9005	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	97	150800	1.01	
24 1,4-Dioxane	88	2.507	2.502	0.005	84	23164	0.9120	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	86	28816	1.00	
26 Pyridine	79	3.015	3.005	0.010	94	65639	0.9018	M
27 Ethyl methacrylate	69	3.636	3.641	-0.005	89	59659	0.9864	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	85	33652	0.8338	
32 Malononitrile	66	4.347	4.342	0.005	96	66484	0.8732	
40 Benzaldehyde	77	5.508	5.508	0.0	92	62570	1.10	
41 Phenol	94	5.551	5.551	0.0	97	89598	0.9783	
43 Aniline	93	5.599	5.599	0.0	95	111747	0.9757	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	89	69570	0.9835	
46 2-Chlorophenol	128	5.706	5.706	0.0	96	72394	0.9785	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	79469	1.00	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	89	84247	1.06	
49 Benzyl alcohol	108	6.011	6.011	0.0	89	44492	0.9759	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	93	74698	0.9890	
51 2-Methylphenol	108	6.096	6.096	0.0	95	63472	0.9508	
52 2,2'-oxybis[1-chloropropane]	45	6.128	6.134	-0.006	91	105528	1.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	95	65029	0.9292	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	85	46353	0.9352	
57 Acetophenone	105	6.246	6.251	-0.005	89	97459	0.9852	
60 Hexachloroethane	117	6.353	6.353	0.0	89	31442	0.9765	
61 Nitrobenzene	77	6.401	6.401	0.0	86	73250	0.9475	
63 Isophorone	82	6.604	6.605	0.0	97	126950	0.9355	
65 2-Nitrophenol	139	6.679	6.679	0.0	94	30847	0.8480	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	71625	1.06	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	73913	1.03	
69 Benzoic acid	122	6.717	6.760	-0.043	85	46025	2.35	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	97	85844	1.00	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	94	51449	0.9104	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	91	67950	1.01	
73 Naphthalene	128	7.032	7.032	0.0	96	207949	0.9782	
74 4-Chloroaniline	127	7.064	7.064	0.0	91	85983	0.9489	
77 Hexachlorobutadiene	225	7.128	7.129	-0.001	89	37357	1.02	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	83	63252	0	
83 Caprolactam	113	7.337	7.348	-0.011	73	15825	1.09	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	93	57414	0.9458	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	132969	0.9779	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	127733	0.9872	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	96	66113	1.01	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	76	35037	0.8953	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	92	36798	0.9040	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	92	40304	0.9192	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	96	48429	1.12	
96 1,2,3,4 -Tetrachlorobenzene	216	8.000	8.001	-0.001	96	63917	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	92	166955	0.9789	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	132416	0.99	
100 2-Nitroaniline	65	8.107	8.107	0.0	76	32751	0.8367	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	97	134112	0.9456	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	89	23611	1.10	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	84	12508	0.7949	
107 Acenaphthylene	152	8.391	8.391	0.0	94	204149	0.9268	
108 3-Nitroaniline	138	8.450	8.450	0.0	91	28723	0.8090	
110 Acenaphthene	153	8.535	8.535	0.0	85	135288	1.02	
109 2,4-Dinitrophenol	184		8.535					9
111 4-Nitrophenol	109	8.562	8.562	0.0	85	17102	0.8364	
112 2,4-Dinitrotoluene	165	8.647	8.648	-0.001	83	30038	1.01	
114 Dibenzofuran	168	8.680	8.680	0.0	87	189757	0.9652	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	90	31327	0.8667	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	143148	0.9655	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	74611	1.00	
123 4-Nitroaniline	138	8.963	8.969	-0.006	82	29767	1.02	
124 Fluorene	166	8.968	8.969	-0.001	83	157705	1.00	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	77	15094	1.20	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	103574	0.9169	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	150391	0.9434	
131 Azobenzene	77	9.091	9.092	-0.001	98	149488	0.9378	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	64	39331	0.9414	
139 Hexachlorobenzene	284	9.434	9.434	0.0	88	43253	1.01	
140 Atrazine	200	9.482	9.482	0.0	86	30861	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	85	41969	1.82	
146 Phenanthrene	178	9.787	9.787	0.0	92	220519	0.9854	
147 Anthracene	178	9.830	9.830	0.0	96	217474	0.9782	
149 Carbazole	167	9.953	9.953	0.0	81	197951	0.9165	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	210054	0.8660	
157 Fluoranthene	202	10.792	10.792	0.0	97	235226	0.9518	
158 Benzidine	184	10.889	10.894	-0.005	85	76576	0.9624	
160 Pyrene	202	11.001	11.001	0.0	97	245503	0.9572	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	94	88541	0.9803	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	82	20339	1.08	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	66	67080	0.9393	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	71	32199	0.9294	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	115915	0.9752	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	93	212829	0.9488	
176 Chrysene	228	12.338	12.338	0.0	88	208048	0.9732	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	97	141890	0.9318	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	92	194423	0.9286	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	96	228277	1.00	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	170963	0.9194	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	97	201147	0.9427	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	65	160063	0.9548	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	90	171531	0.9128	
S 189 Methyl Phenols,Total	100				0		0.9508	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

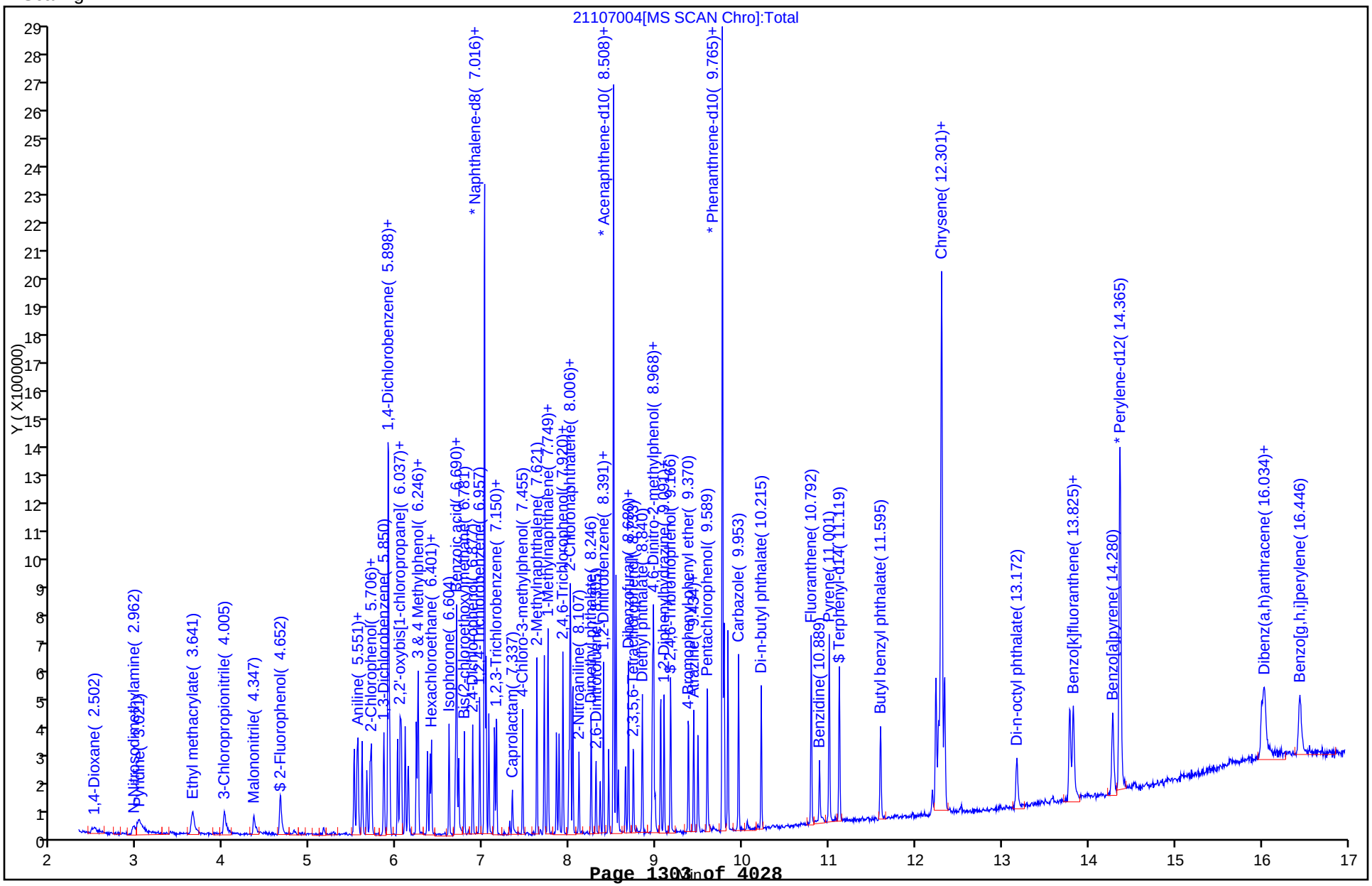
Report Date: 08-Nov-2012 13:38:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

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Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

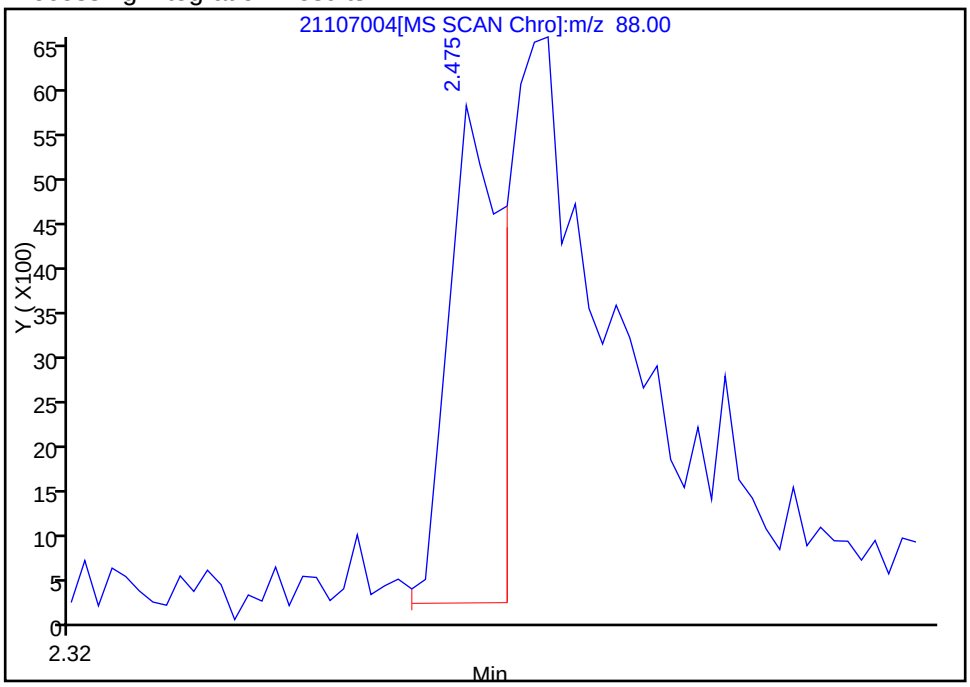
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

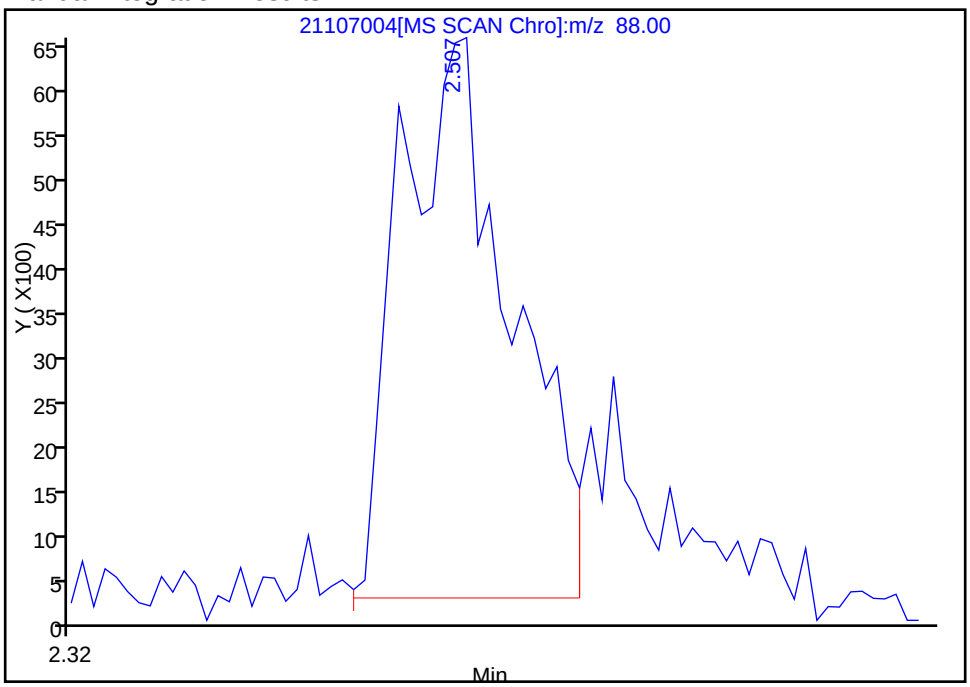
Processing Integration Results

RT: 2.48
Response: 8236
Amount: 0.391712



Manual Integration Results

RT: 2.51
Response: 23164
Amount: 0.911975



Reviewer: gruberj, 07-Nov-2012 14:47:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

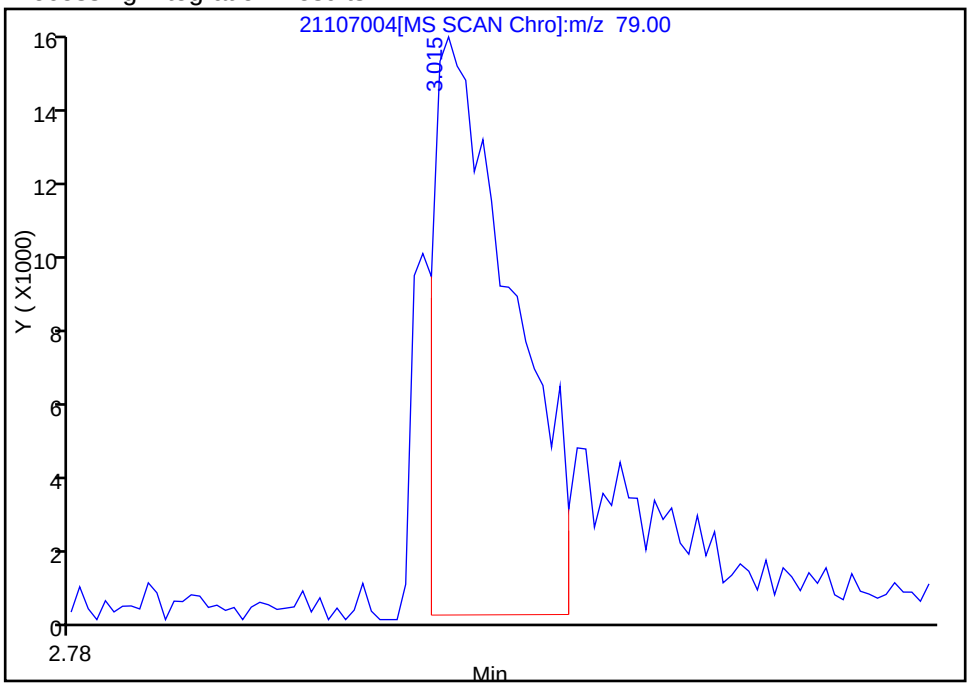
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.00

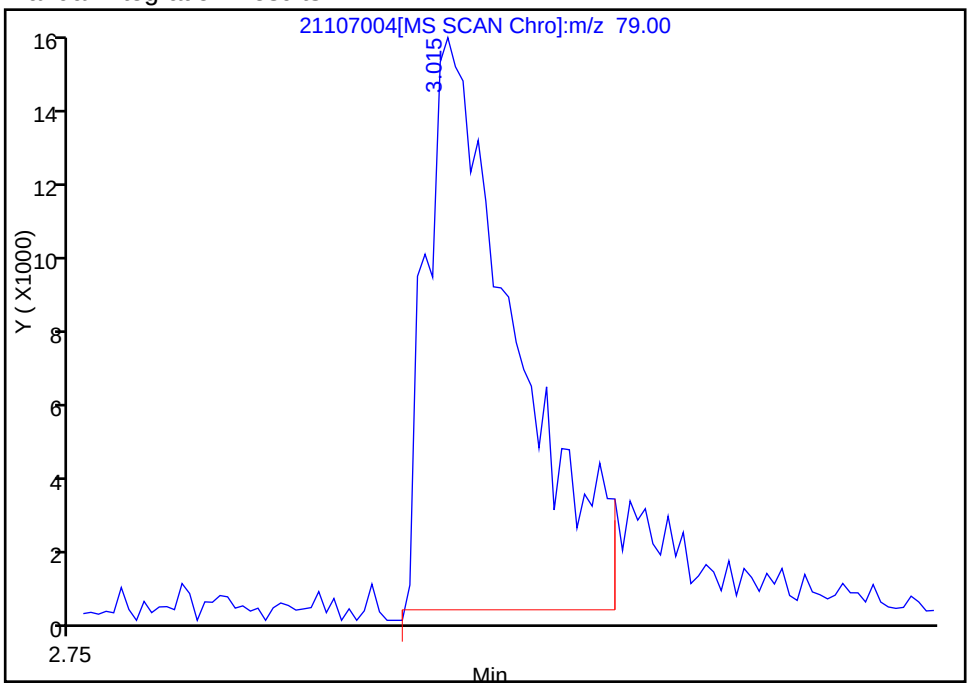
Processing Integration Results

RT: 3.02
Response: 52039
Amount: 0.942352



Manual Integration Results

RT: 3.02
Response: 65639
Amount: 0.901781



Reviewer: gruberj, 07-Nov-2012 14:49:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:54:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014744-005		
Misc. Info.:	std2 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	64102	Lims Sample ID:	5
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:09	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:50:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	217253	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	836850	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	89	468517	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	793496	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	98	784074	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	621997	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	78	31806	0.4736	
$ 8 Phenol-d5	99	5.540	5.540	0.0	81	38471	0.4512	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	84	35037	0.4762	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	99	70370	0.4630	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	76	8328	0.4297	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	95	67286	0.4634	
24 1,4-Dioxane	88	2.513	2.502	0.011	86	11562	0.4586	M
25 N-Nitrosodimethylamine	74	2.967	2.946	0.021	0	16701	0.7389	M
26 Pyridine	79	3.026	3.005	0.021	77	27577	0.3817	M
27 Ethyl methacrylate	69	3.625	3.641	-0.016	82	27799	0.4631	M
28 3-Chloropropionitrile	54	4.005	4.005	0.0	72	18024	0.4499	
32 Malononitrile	66	4.342	4.342	0.0	85	28334	0.3749	M
40 Benzaldehyde	77	5.503	5.508	-0.005	89	31159	0.5501	
41 Phenol	94	5.551	5.551	0.0	95	40912	0.4500	
43 Aniline	93	5.599	5.599	0.0	97	54295	0.4776	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	89	35302	0.5028	
46 2-Chlorophenol	128	5.706	5.706	0.0	94	35434	0.4825	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	94	40215	0.5080	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	68	38155	0.4852	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	19926	0.4403	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	94	38122	0.5085	
51 2-Methylphenol	108	6.096	6.096	0.0	90	30361	0.4582	
52 2,2'-oxybis[1-chloropropane]	45	6.128	6.134	-0.006	91	51009	0.4950	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	96	33473	0.4819	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	87	22365	0.4546	
57 Acetophenone	105	6.246	6.251	-0.005	91	48366	0.4926	
60 Hexachloroethane	117	6.353	6.353	0.0	83	17373	0.5436	
61 Nitrobenzene	77	6.401	6.401	0.0	87	34749	0.4569	
63 Isophorone	82	6.604	6.605	0.0	93	57372	0.4298	
65 2-Nitrophenol	139	6.679	6.679	0.0	90	14494	0.4051	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	94	32662	0.4922	
64 2,4-Dimethylphenol	107	6.690	6.695	-0.005	92	31245	0.4442	
69 Benzoic acid	122		6.760					
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	93	40685	0.4799	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	90	25326	0.4556	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	88	33761	0.5092	
73 Naphthalene	128	7.032	7.032	0.0	90	104432	0.4994	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	40420	0.4535	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	88	18988	0.5288	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	83	32041	0	
83 Caprolactam	113	7.337	7.348	-0.011	69	5367	0.6707	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	93	26283	0.4402	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	91	68907	0.5152	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	58790	0.4619	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	94	32952	0.5175	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	77	17829	0.4696	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	85	16515	0.4182	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	85	17442	0.4100	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	91	22739	0.5338	
96 1,2,3,4 -Tetrachlorobenzene	216	8.000	8.001	-0.001	93	29879	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	92	81962	0.4953	
98 2-Chloronaphthalene	162	8.032	8.038	-0.006	88	64920	0.5018	
100 2-Nitroaniline	65	8.107	8.107	0.0	73	16267	0.4283	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	99	65798	0.4782	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	83	10212	0.7138	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	83	6207	0.4066	
107 Acenaphthylene	152	8.391	8.391	0.0	92	102247	0.4784	
108 3-Nitroaniline	138	8.450	8.450	0.0	86	12934	0.3755	
110 Acenaphthene	153	8.535	8.535	0.0	90	65980	0.5134	
109 2,4-Dinitrophenol	184		8.535					9
111 4-Nitrophenol	109	8.562	8.562	0.0	83	7674	0.3868	
112 2,4-Dinitrotoluene	165	8.642	8.648	-0.006	79	13261	0.6485	
114 Dibenzofuran	168	8.680	8.680	0.0	88	92415	0.4845	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	82	13375	0.3814	
119 Diethyl phthalate	149	8.840	8.840	0.0	94	69007	0.4797	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	88	33574	0.4633	
123 4-Nitroaniline	138	8.963	8.969	-0.006	76	11766	0.5828	
124 Fluorene	166	8.968	8.969	-0.001	94	75260	0.4913	
126 4,6-Dinitro-2-methylphenol	198		8.990					9
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	48479	0.4430	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	70470	0.4563	
131 Azobenzene	77	9.091	9.092	-0.001	98	70470	0.4563	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	60	20216	0.4995	
139 Hexachlorobenzene	284	9.434	9.434	0.0	82	21486	0.5155	
140 Atrazine	200	9.482	9.482	0.0	79	11621	0.3902	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	73	15165	0.9147	
146 Phenanthrene	178	9.787	9.787	0.0	85	110046	0.5076	
147 Anthracene	178	9.830	9.830	0.0	85	101682	0.4721	
149 Carbazole	167	9.953	9.953	0.0	80	93434	0.4466	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	90362	0.3845	
157 Fluoranthene	202	10.792	10.792	0.0	96	110763	0.4627	
158 Benzidine	184	10.889	10.894	-0.005	91	27899	0.6102	
160 Pyrene	202	11.001	11.001	0.0	97	115570	0.4619	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	92	32519	0.4466	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	54	6711	0.8408	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	67	27172	0.5060	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	60	11161	0.4106	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	92	41362	0.4789	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	88	102866	0.4701	
176 Chrysene	228	12.338	12.338	0.0	93	98168	0.4707	
178 Di-n-octyl phthalate	149	13.173	13.167	0.005	93	43155	0.5224	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	90	86780	0.4374	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	83	84980	0.3941	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	72	72665	0.4751	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	87	78803	0.4378	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	71	52116	0.4390	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	90	66135	0.3714	
S 189 Methyl Phenols,Total	100				0		0.4582	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

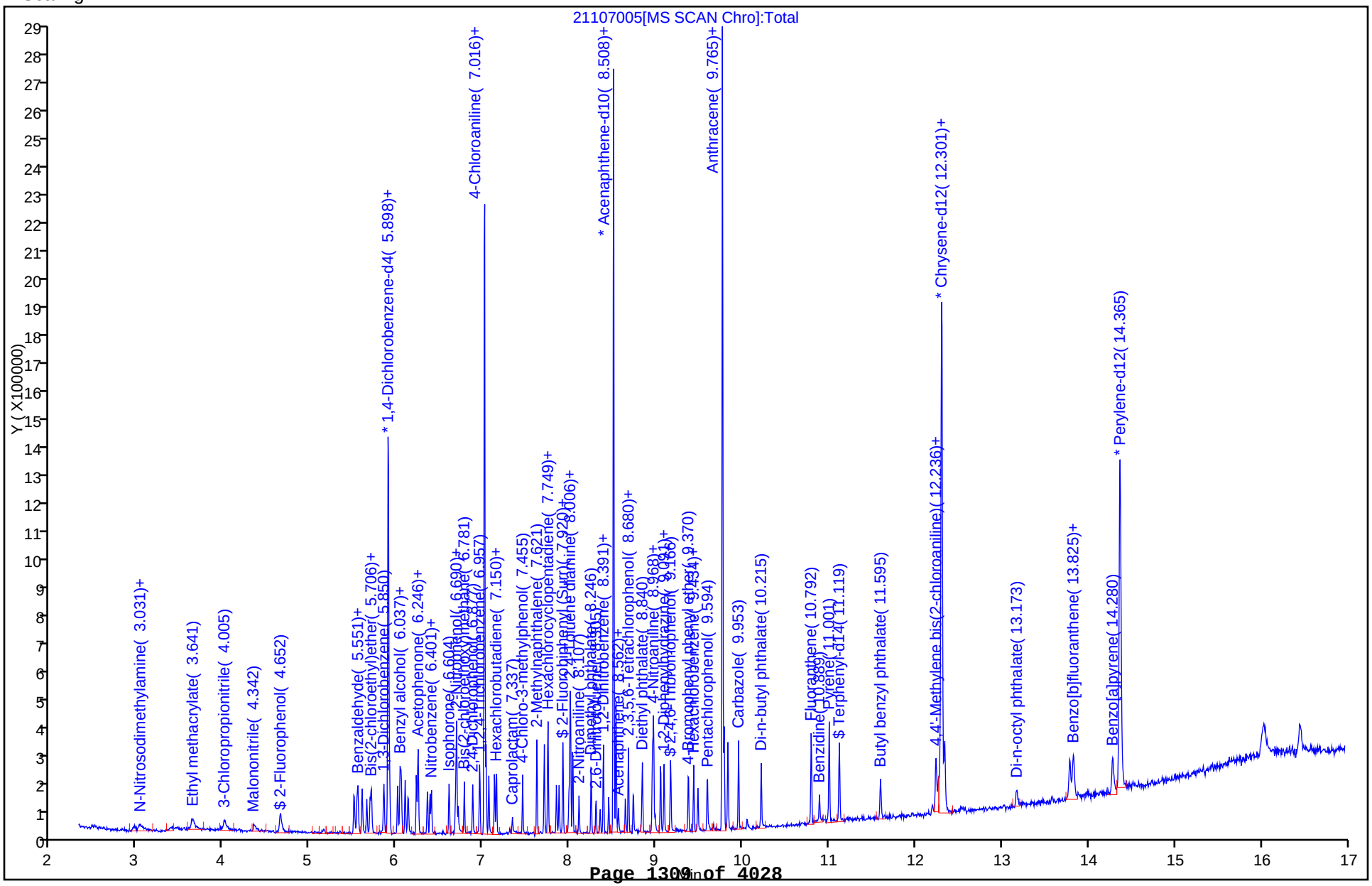
Report Date: 08-Nov-2012 13:38:09 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D

Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

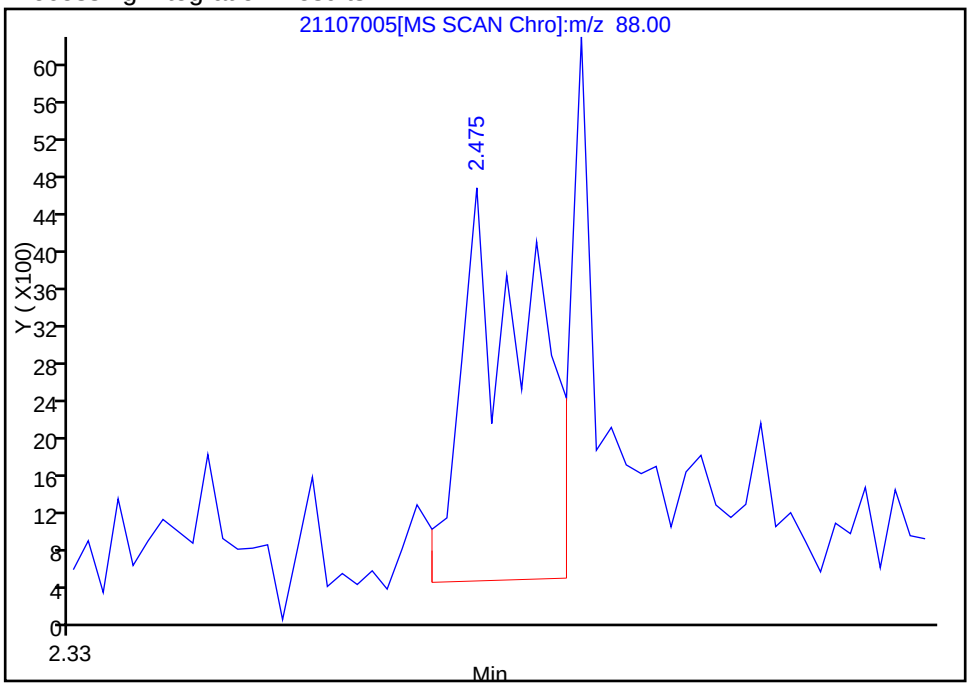
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

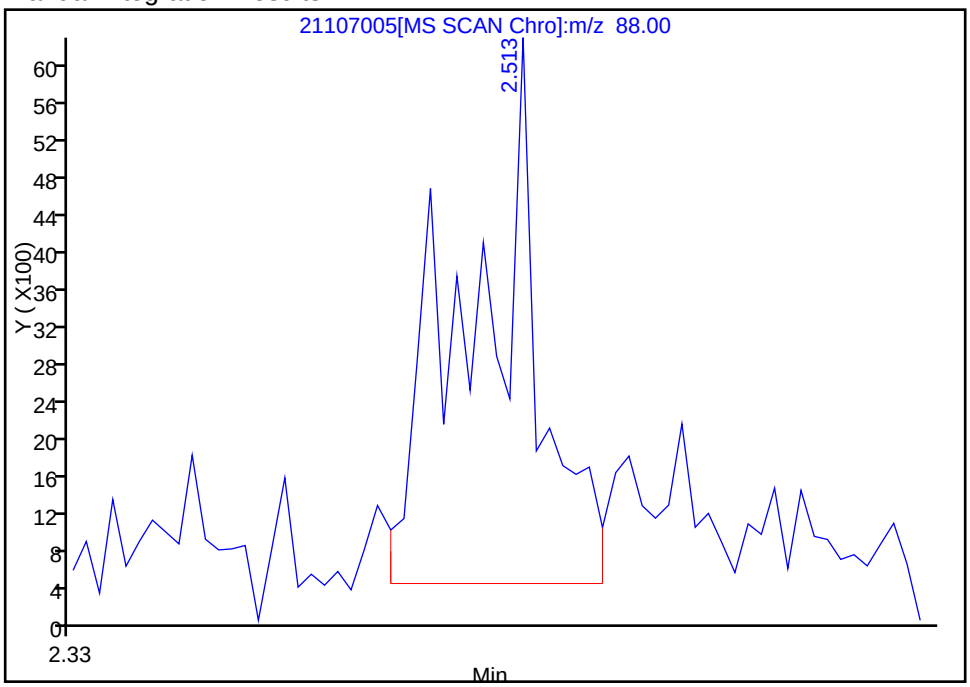
Processing Integration Results

RT: 2.48
Response: 7259
Amount: 0.307210



Manual Integration Results

RT: 2.51
Response: 11562
Amount: 0.458588



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

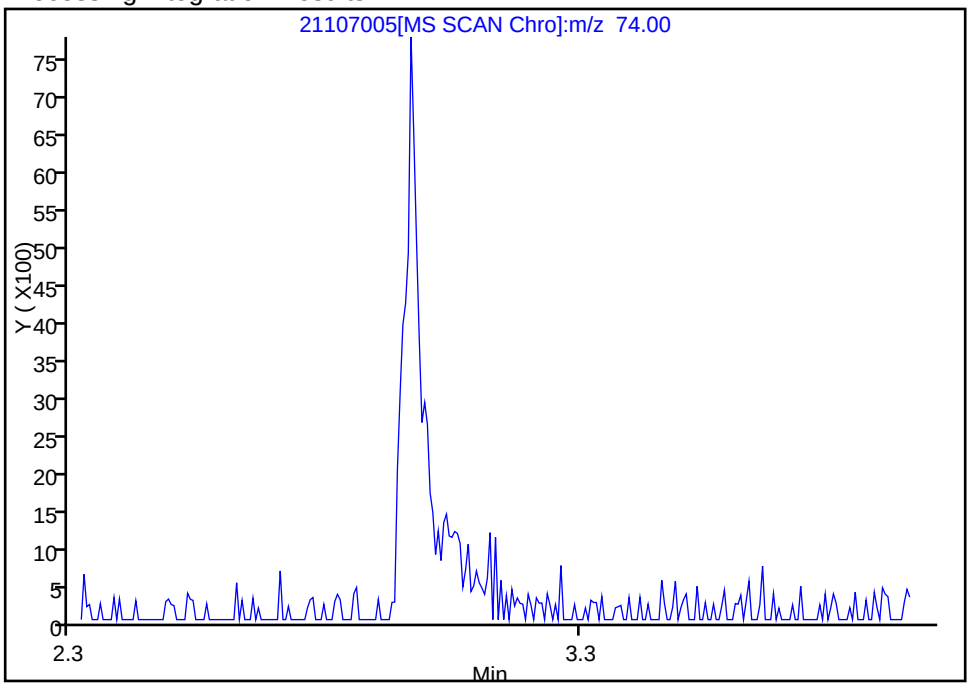
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.95

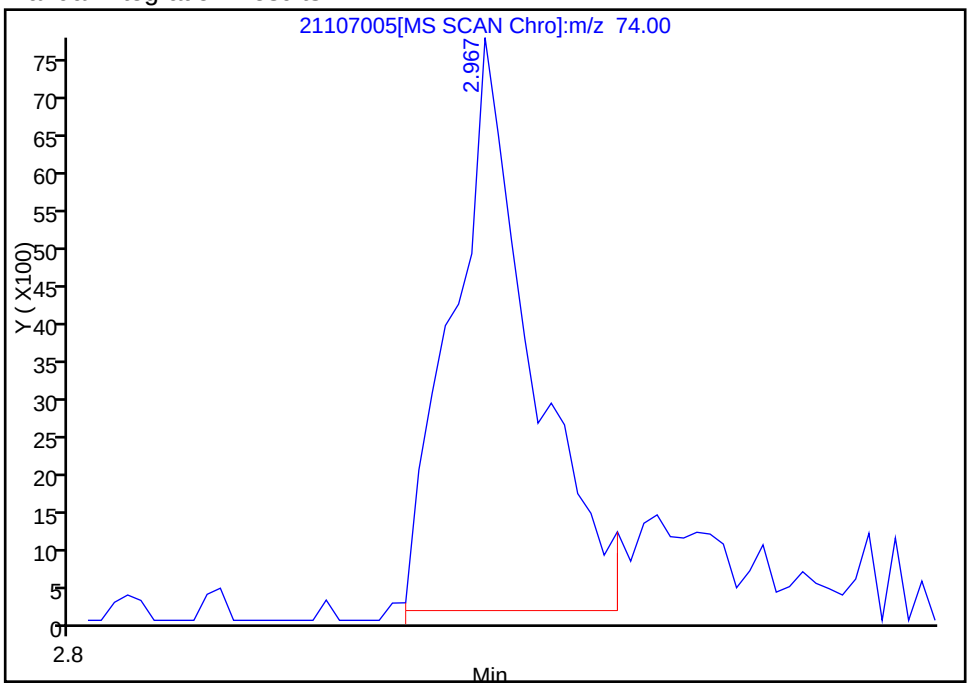
Processing Integration Results

Not Detected
Expected RT: 2.95



Manual Integration Results

RT: 2.97
Response: 16701
Amount: 0.738850



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

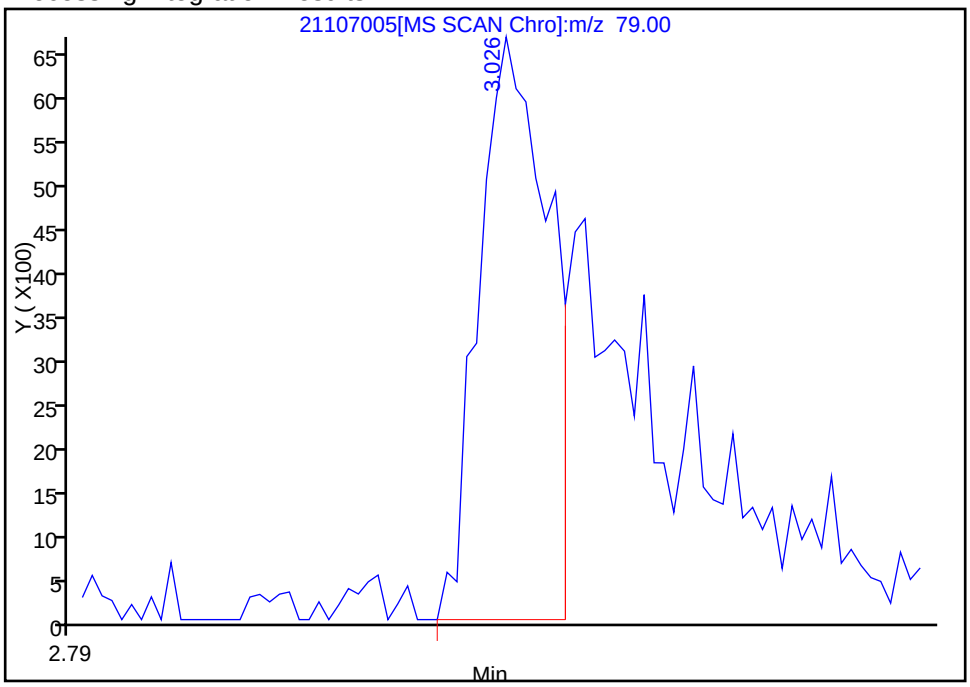
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.00

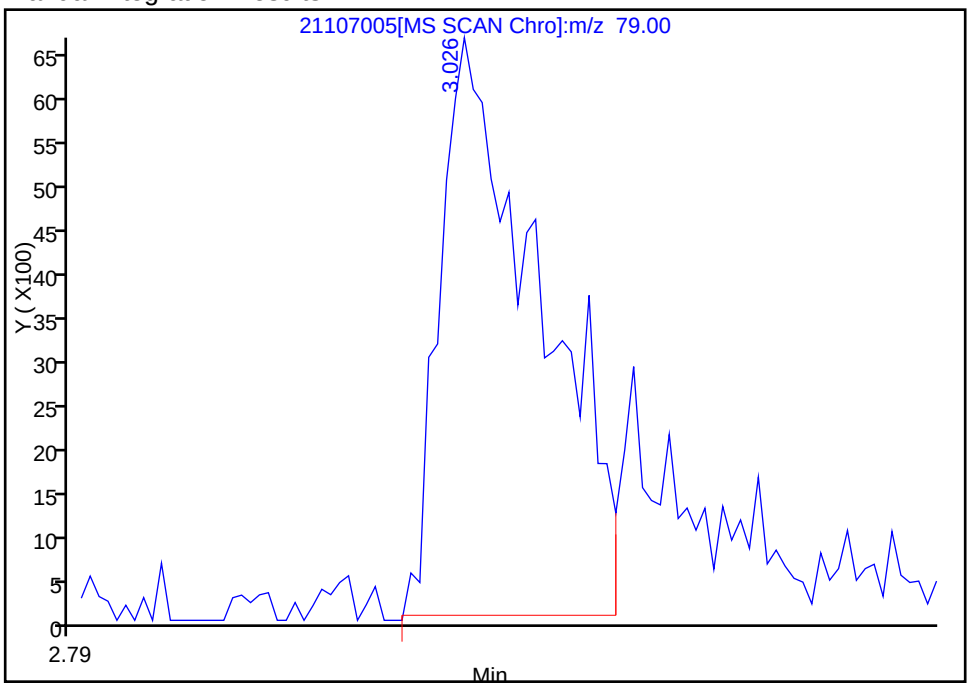
Processing Integration Results

RT: 3.03
Response: 17673
Amount: 0.464592



Manual Integration Results

RT: 3.03
Response: 27577
Amount: 0.381686



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

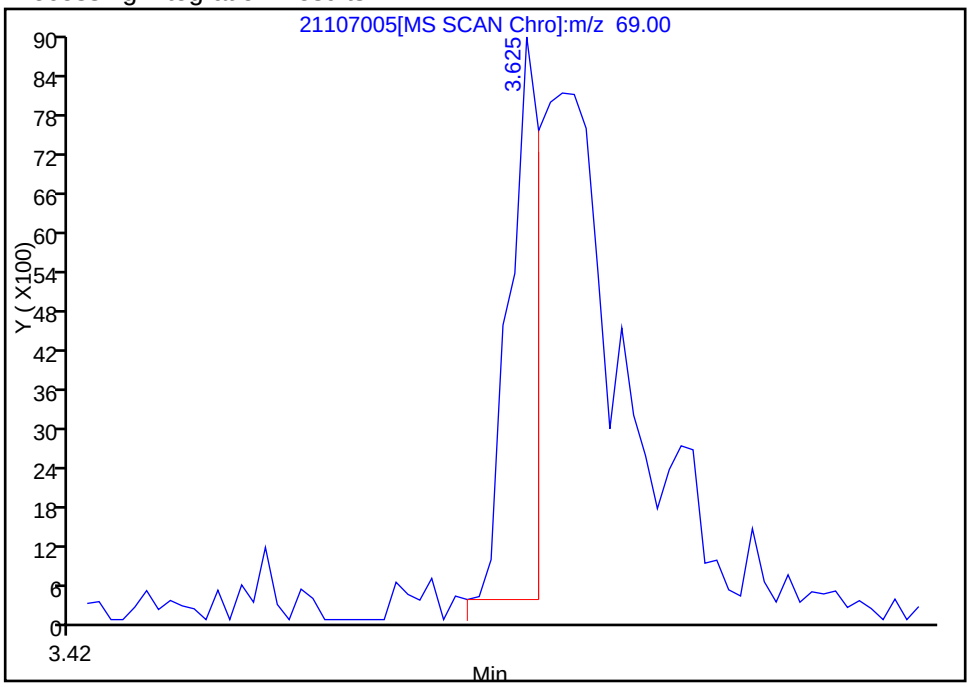
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.64

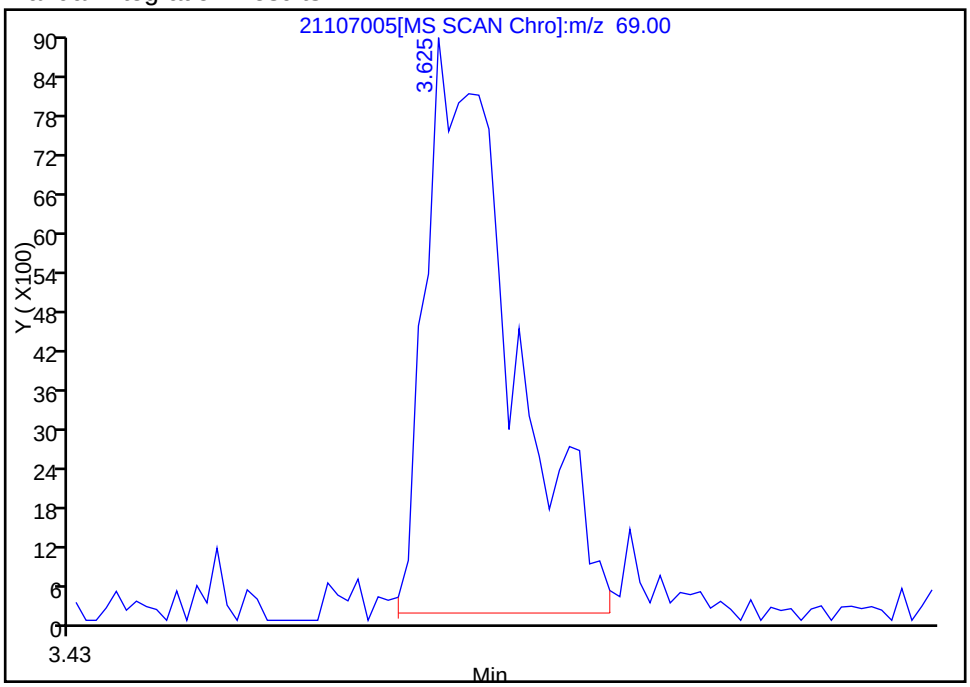
Processing Integration Results

RT: 3.63
Response: 8252
Amount: 0.296683



Manual Integration Results

RT: 3.63
Response: 27799
Amount: 0.463069



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

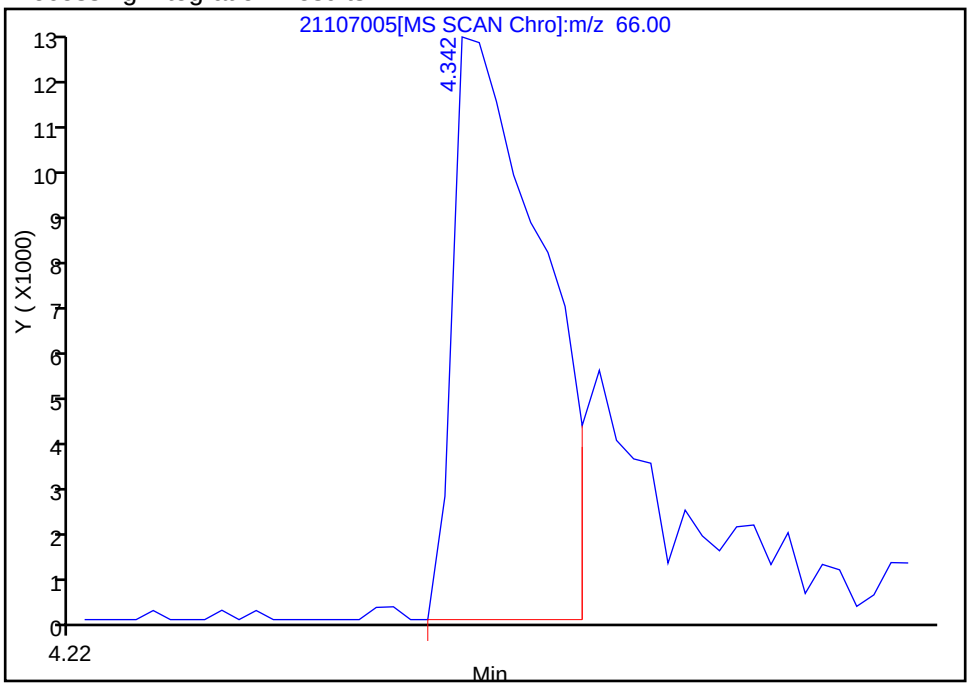
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.34

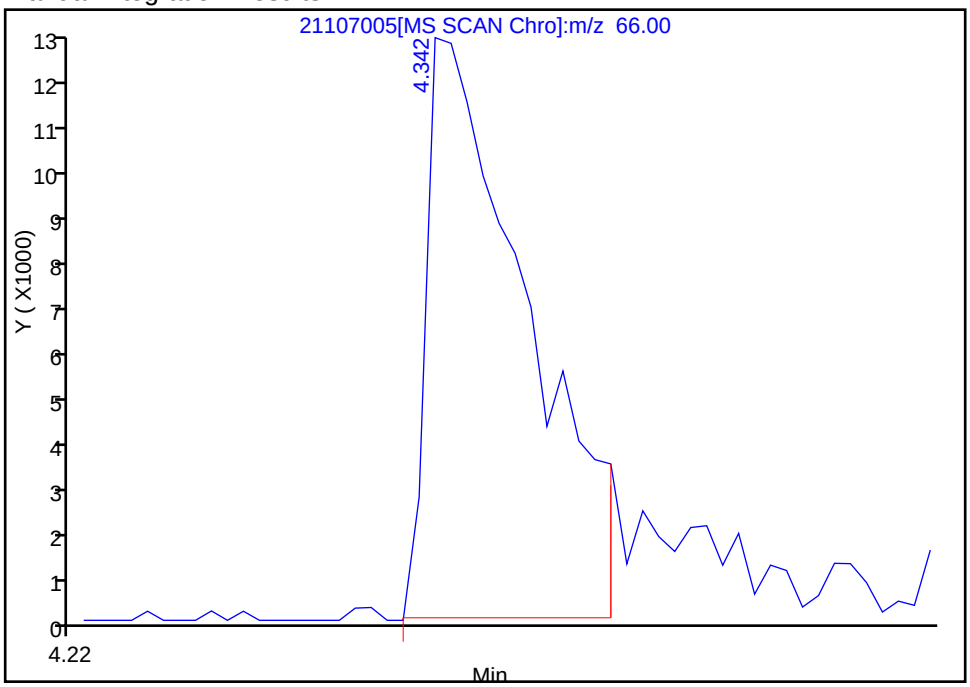
Processing Integration Results

RT: 4.34
Response: 23572
Amount: 0.626350



Manual Integration Results

RT: 4.34
Response: 28334
Amount: 0.374916



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	07-Nov-2012 13:18:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014744-006		
Misc. Info.:	std1 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	64102	Lims Sample ID:	6
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:10	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:51:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.899	5.898	0.001	97	218239	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	848829	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	92	463448	4.00	
* 4 Phenanthrene-d10	188	9.766	9.765	0.001	98	807621	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	97	758195	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	603626	4.00	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	76	6483	0.0869	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	85	14545	0.0967	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	80	13394	0.0954	
40 Benzaldehyde	77	5.508	5.508	0.0	76	6123	0.1076	
73 Naphthalene	128	7.032	7.032	0.0	47	19322	0.0911	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	79	12641	0.0932	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	77	11911	0.0923	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	91	17216	0.1052	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	80	12516	0.0978	
107 Acenaphthylene	152	8.391	8.391	0.0	80	19842	0.0939	
110 Acenaphthene	153	8.535	8.535	0.0	73	11799	0.0928	
114 Dibenzofuran	168	8.680	8.680	0.0	86	19920	0.1056	
124 Fluorene	166	8.969	8.969	0.0	86	14541	0.0960	
139 Hexachlorobenzene	284	9.434	9.434	0.0	48	4345	0.1024	
146 Phenanthrene	178	9.787	9.787	0.0	83	23225	0.1053	
147 Anthracene	178	9.830	9.830	0.0	89	18837	0.0859	
157 Fluoranthene	202	10.793	10.792	0.001	91	20262	0.0832	
160 Pyrene	202	11.001	11.001	0.0	96	22058	0.0912	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	66	20154	0.0953	
176 Chrysene	228	12.333	12.338	-0.005	77	21017	0.1042	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	79	14882	0.0773	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	63	16988	0.0812	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	37	11224	0.1704	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	0	12509	0.1395	M
187 Dibenz(a,h)anthracene	278	16.045	16.040	0.005	30	10312	0.2238	M
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	57	13397	0.0775	M

QC Flag Legend

Review Flags
M - Manually Integrated

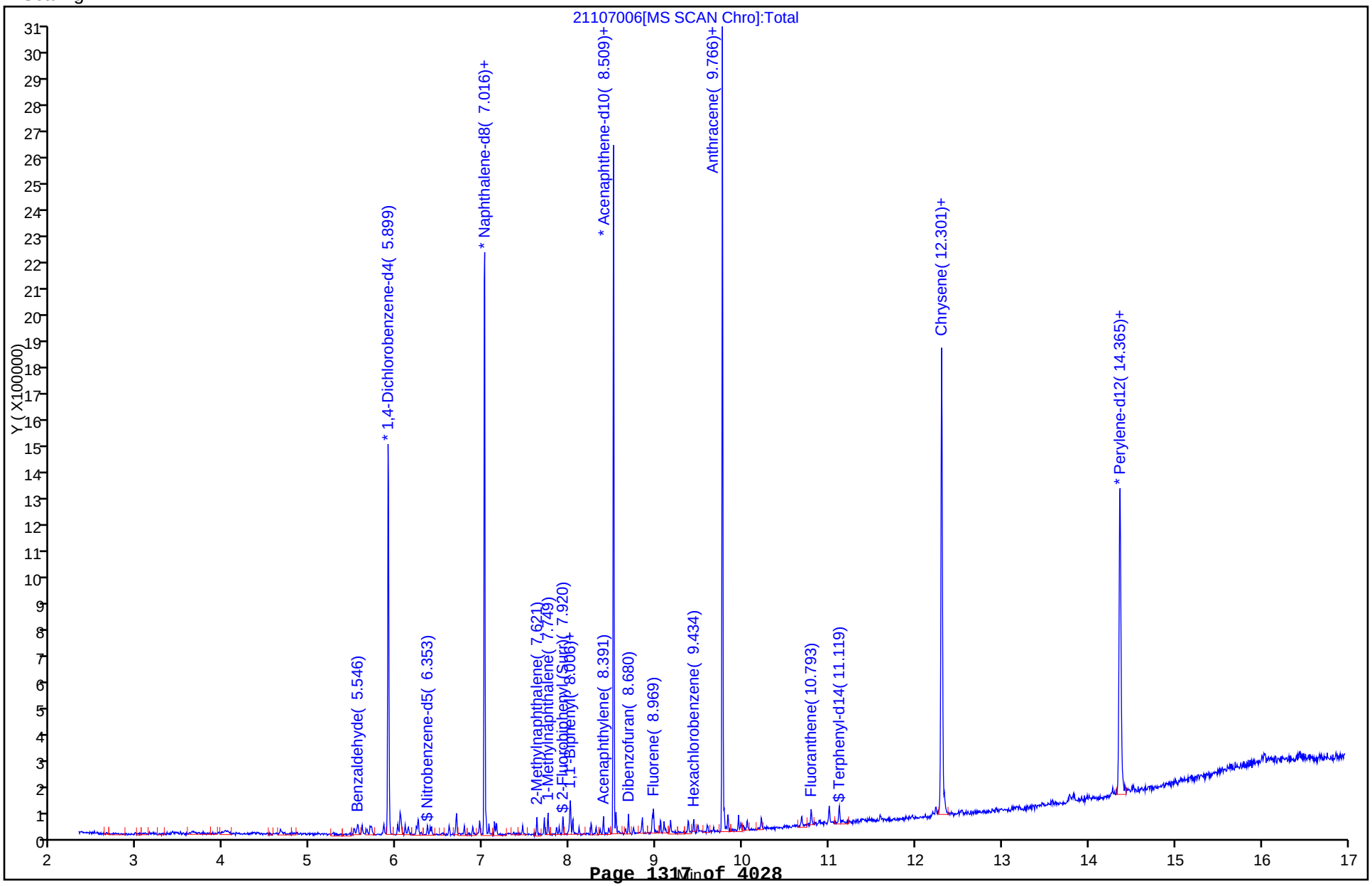
Report Date: 08-Nov-2012 13:38:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D

Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

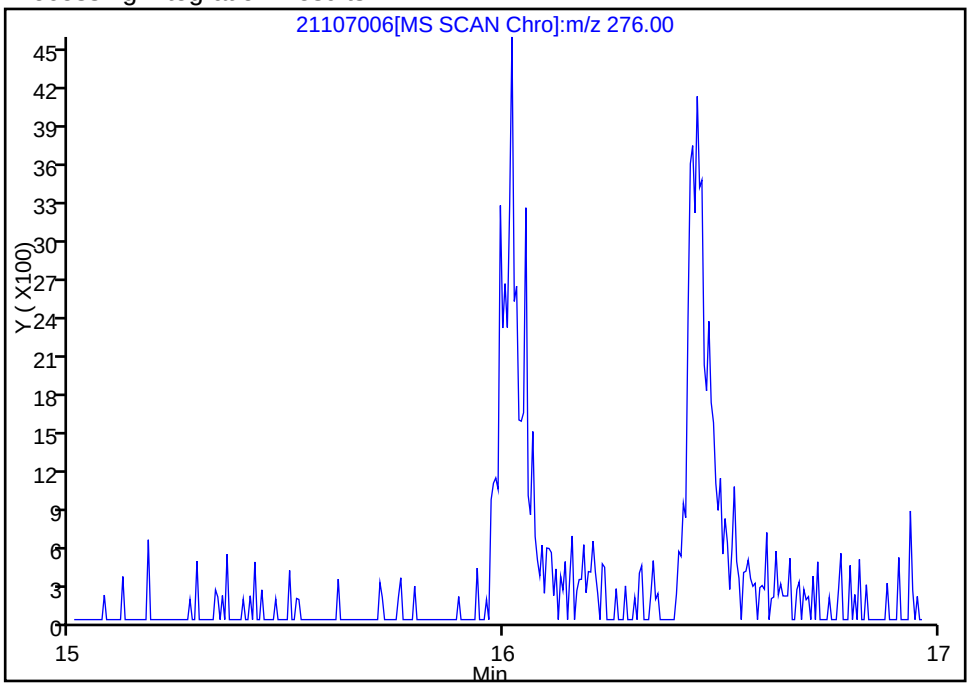
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.01

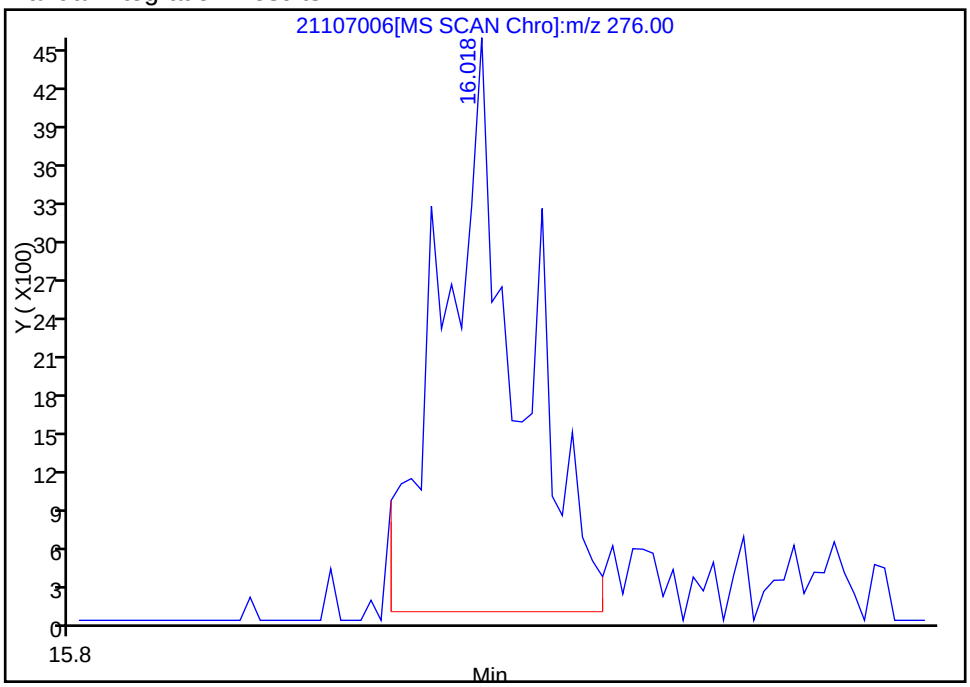
Processing Integration Results

Not Detected
Expected RT: 16.01



Manual Integration Results

RT: 16.02
Response: 12509
Amount: 0.139465



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

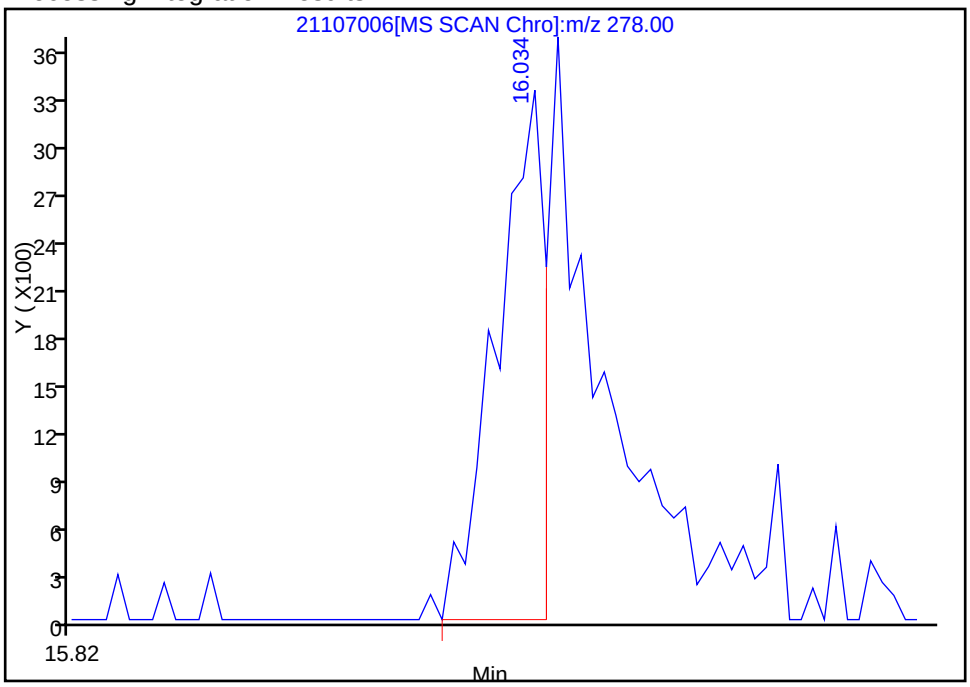
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.04

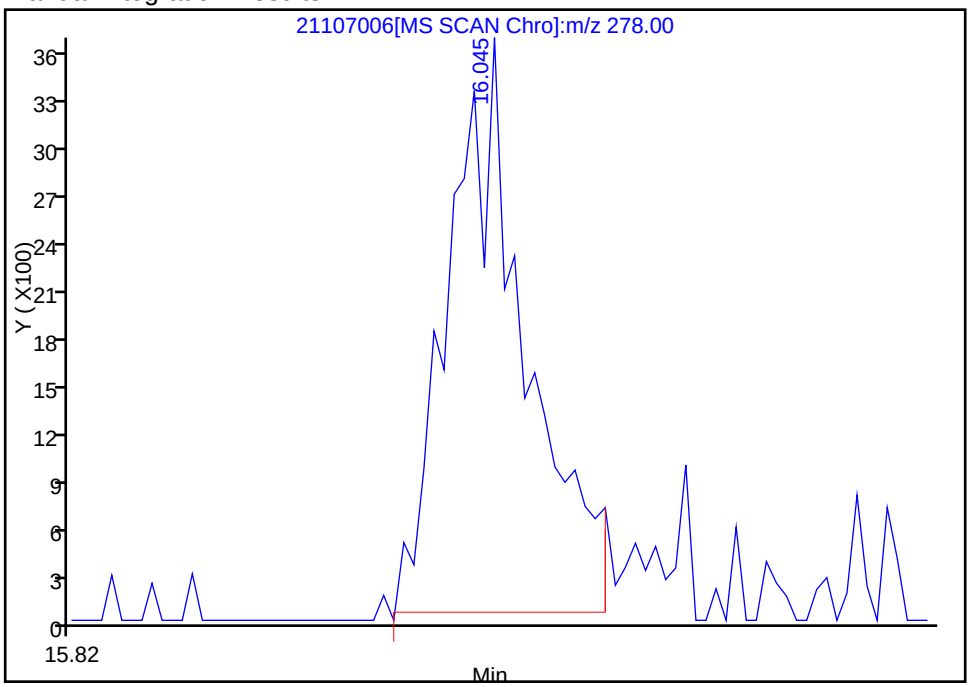
Processing Integration Results

RT: 16.03
Response: 5189
Amount: 0.200793



Manual Integration Results

RT: 16.04
Response: 10312
Amount: 0.223750



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

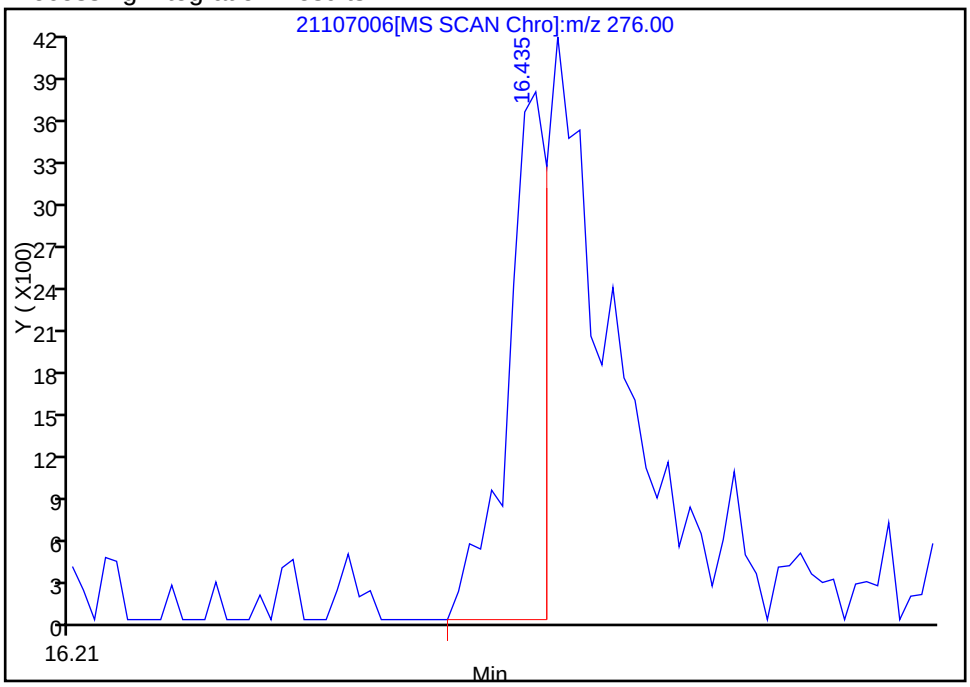
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.45

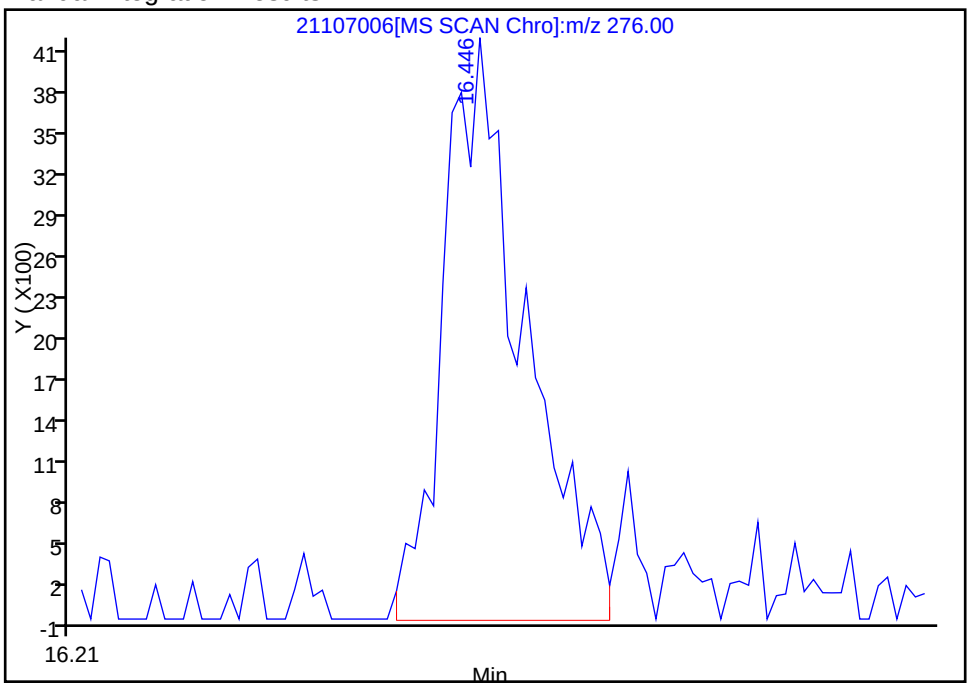
Processing Integration Results

RT: 16.44
Response: 5097
Amount: 0.092366



Manual Integration Results

RT: 16.45
Response: 13397
Amount: 0.077522



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107007.D
Lims ID: std9 tcl
Client ID:
Inject. Date: 07-Nov-2012 13:41:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 9
Sample ID: 240-0014744-007
Misc. Info.: std9 tcl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 64102
Lims Sample ID: 7
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m
Last Update: 08-Nov-2012 13:38:12
Calib Date: 07-Nov-2012 14:51:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 07-Nov-2012 14:52:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	95	204073	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	100	775333	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	454396	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	97	774592	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	89	780553	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	95	652033	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	91	1608759	25.5	
$ 8 Phenol-d5	99	5.540	5.540	0.0	95	2055113	25.7	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	89	1807783	26.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.925	7.920	0.005	99	3709926	25.2	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	87	492588	26.2	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	3740756	25.9	
24 1,4-Dioxane	88	2.507	2.502	0.005	97	670580	28.3	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	93	1020584	24.4	
26 Pyridine	79	3.005	3.005	0.0	95	1811625	26.7	
27 Ethyl methacrylate	69	3.641	3.641	0.0	92	1410556	25.0	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	983880	26.1	
32 Malononitrile	66	4.342	4.342	0.0	98	1838076	25.9	
40 Benzaldehyde	77		5.508					
41 Phenol	94	5.556	5.551	0.005	98	2157751	25.3	
43 Aniline	93	5.599	5.599	0.0	98	2711054	25.4	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	96	1653462	25.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1749387	25.4	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	1840193	24.7	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	91	1812536	24.5	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	1109887	26.1	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	95	1761611	25.0	
51 2-Methylphenol	108	6.096	6.096	0.0	96	1598670	25.7	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	2394076	24.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	1641179	25.2	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	90	1170477	25.3	
57 Acetophenone	105	6.251	6.251	0.0	96	2303818	25.0	
60 Hexachloroethane	117	6.353	6.353	0.0	94	737294	24.6	
61 Nitrobenzene	77	6.401	6.401	0.0	84	1835606	26.1	
63 Isophorone	82	6.610	6.605	0.006	98	3291755	26.6	
65 2-Nitrophenol	139	6.679	6.679	0.0	96	886070	26.7	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1509857	24.6	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	1663053	25.5	
69 Benzoic acid	122	6.786	6.760	0.026	54	2263947	49.2	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	1980306	25.2	
71 2,4-Dichlorophenol	162	6.882	6.877	0.005	93	1363692	26.5	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	89	1543759	25.1	
73 Naphthalene	128	7.032	7.032	0.0	96	5098943	26.3	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	2153710	26.1	
77 Hexachlorobutadiene	225	7.134	7.129	0.005	90	834160	25.1	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	90	1452449	0	
83 Caprolactam	113	7.364	7.348	0.016	80	409876	24.6	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	94	1473568	26.6	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	3192368	25.8	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	83	3074953	26.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1502806	24.3	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	92	976433	26.5	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	92	1013558	26.5	
91 2,4,5-Trichlorophenol	196	7.883	7.877	0.006	95	1072129	26.0	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	97	868625	22.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	87	1440062	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	93	3965786	24.7	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	3115146	24.8	
100 2-Nitroaniline	65	8.107	8.107	0.0	83	987900	26.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	3437402	25.8	
105 2,6-Dinitrotoluene	165	8.311	8.305	0.006	90	768083	24.6	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	89	409392	27.6	
107 Acenaphthylene	152	8.391	8.391	0.0	97	5445218	26.3	
108 3-Nitroaniline	138	8.455	8.450	0.005	93	928853	27.8	
110 Acenaphthene	153	8.535	8.535	0.0	91	3085730	24.8	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	79	1106604	49.3	
111 4-Nitrophenol	109	8.567	8.562	0.005	90	539112	28.0	
112 2,4-Dinitrotoluene	165	8.653	8.648	0.005	93	1064143	24.6	
114 Dibenzofuran	168	8.680	8.680	0.0	88	4675894	25.3	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	89	924029	27.2	
119 Diethyl phthalate	149	8.845	8.840	0.005	97	3593483	25.8	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	93	1748364	24.9	
123 4-Nitroaniline	138	8.974	8.969	0.005	61	904568	24.6	
124 Fluorene	166	8.974	8.969	0.005	91	3734212	25.1	
126 4,6-Dinitro-2-methylphenol	198	8.995	8.990	0.005	79	687768	24.7	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	2794355	26.2	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	3920417	26.0	
131 Azobenzene	77	9.091	9.092	-0.001	99	3920417	26.0	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	999726	25.3	
139 Hexachlorobenzene	284	9.439	9.434	0.005	90	998152	24.5	
140 Atrazine	200	9.487	9.482	0.005	90	719727	24.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	1450927	50.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	5330724	25.2	
147 Anthracene	178	9.835	9.830	0.005	96	5594055	26.6	
149 Carbazole	167	9.958	9.953	0.005	81	5414909	26.5	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	99	6436053	28.1	
157 Fluoranthene	202	10.798	10.792	0.006	96	6279316	26.9	
158 Benzidine	184	10.889	10.894	-0.005	99	3730708	24.8	
160 Pyrene	202	11.001	11.001	0.0	98	6663115	26.8	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	97	2723023	24.8	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	87	1502602	24.6	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	64	2222486	24.9	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	71	1060036	25.0	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	3834094	24.7	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	94	5770519	26.5	
176 Chrysene	228	12.343	12.338	0.005	92	5395172	26.0	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	6486699	24.8	
180 Benzo[b]fluoranthene	252	13.793	13.788	0.005	93	5752475	27.7	
181 Benzo[k]fluoranthene	252	13.830	13.825	0.005	95	6401152	28.3	
182 Benzo[a]pyrene	252	14.285	14.280	0.005	75	5751071	25.0	
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	94	6209963	25.0	
187 Dibenz(a,h)anthracene	278	16.050	16.040	0.010	79	5198411	24.9	
188 Benzo[g,h,i]perylene	276	16.462	16.446	0.016	93	5328943	28.5	
S 189 Methyl Phenols,Total	100				0		25.7	

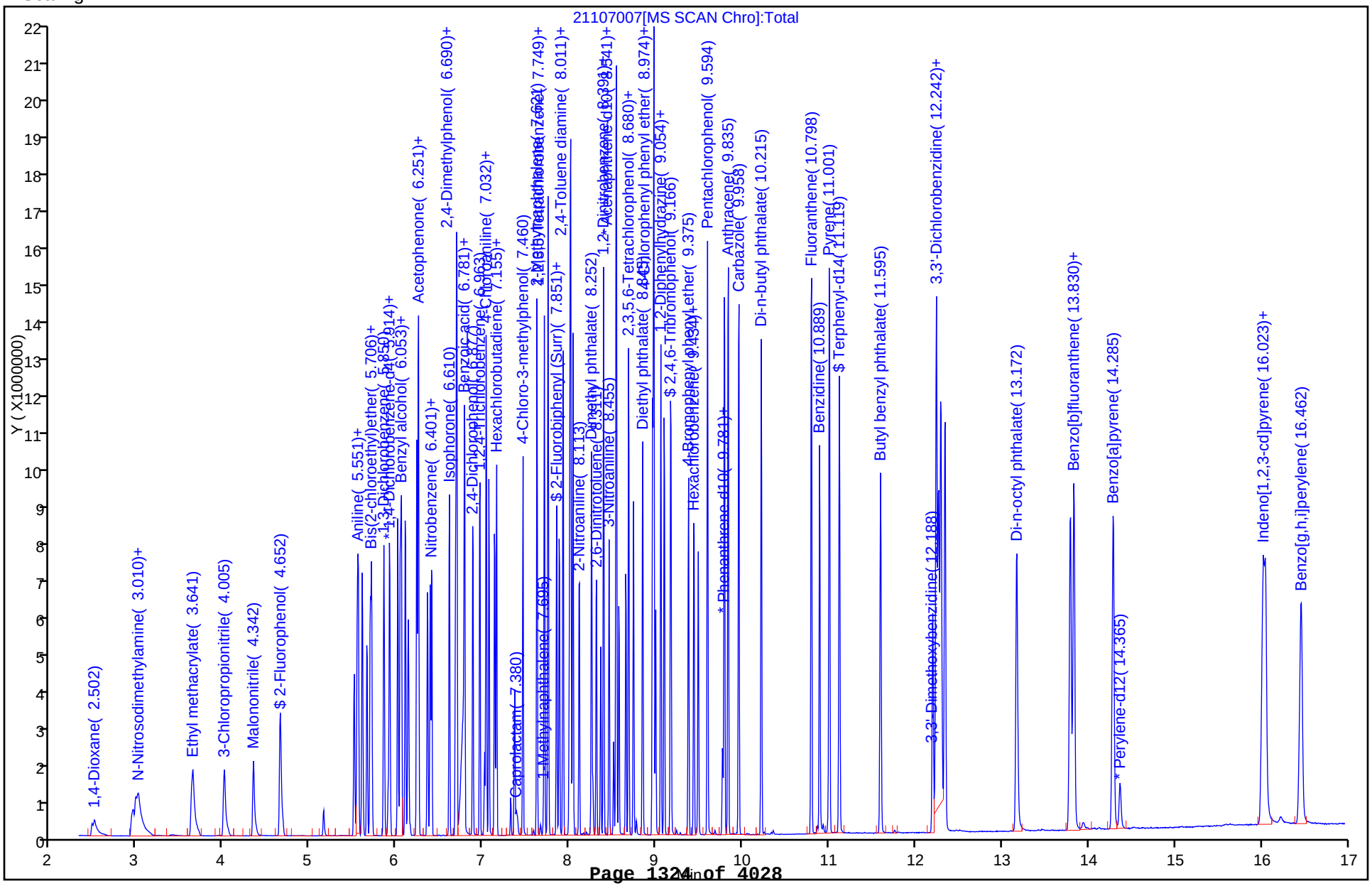
Report Date: 08-Nov-2012 13:38:12 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107007.D

Injection Date:	07-Nov-2012 13:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:05:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0014744-008		
Misc. Info.:	std8 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	64102	Lims Sample ID:	8
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:14	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:52:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	94	266636	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	1051114	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	92	603275	4.00	
* 4 Phenanthrene-d10	188	9.766	9.765	0.001	95	1061630	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	96	1072143	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	921300	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	93	1776893	21.6	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	2282025	21.8	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	89	2011974	21.8	
$ 10 2-Fluorobiphenyl (Surr)	172	7.926	7.920	0.006	99	4176600	21.3	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	87	542442	21.7	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	4196729	21.1	
24 1,4-Dioxane	88	2.507	2.502	0.005	96	533305	17.2	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	92	1152976	21.2	
26 Pyridine	79	3.010	3.005	0.005	94	1976673	22.3	
27 Ethyl methacrylate	69	3.641	3.641	0.0	91	1555123	21.1	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	1105388	22.5	
32 Malononitrile	66	4.342	4.342	0.0	97	2134060	23.0	
40 Benzaldehyde	77	5.508	5.508	0.0	92	1113893	16.0	
41 Phenol	94	5.556	5.551	0.005	98	2377819	21.3	
43 Aniline	93	5.599	5.599	0.0	98	2982264	21.4	
44 Bis(2-chloroethyl)ether	93	5.658	5.652	0.006	96	1820736	21.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1939192	21.5	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	2033209	20.9	
48 1,4-Dichlorobenzene	146	5.920	5.915	0.005	94	1994970	20.7	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	1218061	21.9	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	1921155	20.9	
51 2-Methylphenol	108	6.096	6.096	0.0	95	1761548	21.7	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	2710885	21.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	96	1863583	21.9	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	89	1305510	21.6	
57 Acetophenone	105	6.252	6.251	0.001	95	2540663	21.1	
60 Hexachloroethane	117	6.353	6.353	0.0	93	812553	20.7	
61 Nitrobenzene	77	6.401	6.401	0.0	81	2023003	21.2	
63 Isophorone	82	6.610	6.605	0.006	97	3679329	21.9	
65 2-Nitrophenol	139	6.679	6.679	0.0	96	994494	22.1	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1677390	20.1	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	1847588	20.9	
69 Benzoic acid	122	6.792	6.760	0.032	84	2567708	41.6	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	98	2179326	20.5	
71 2,4-Dichlorophenol	162	6.883	6.877	0.006	94	1510979	21.6	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	93	1678302	20.2	
73 Naphthalene	128	7.032	7.032	0.0	97	5581839	21.3	
74 4-Chloroaniline	127	7.065	7.064	0.0	85	2412184	21.5	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	908100	20.1	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	90	1598618	0	
83 Caprolactam	113	7.369	7.348	0.021	80	479685	20.0	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	93	1637447	21.8	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	83	3531733	21.0	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	83	3374252	21.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1631883	19.9	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	86	1059644	21.7	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	90	1118437	22.0	
91 2,4,5-Trichlorophenol	196	7.883	7.877	0.006	95	1212108	22.1	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	98	882419	16.5	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	90	1564968	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	93	4411496	20.7	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	3457946	20.8	
100 2-Nitroaniline	65	8.113	8.107	0.006	86	1115602	22.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	3825470	21.6	
105 2,6-Dinitrotoluene	165	8.311	8.305	0.006	91	867959	21.0	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	89	456583	23.2	
107 Acenaphthylene	152	8.391	8.391	0.0	91	6002224	21.8	
108 3-Nitroaniline	138	8.455	8.450	0.005	94	1049195	23.7	
110 Acenaphthene	153	8.535	8.535	0.0	92	3408737	20.6	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	75	1219360	41.2	
111 4-Nitrophenol	109	8.573	8.562	0.011	91	593687	23.2	
112 2,4-Dinitrotoluene	165	8.653	8.648	0.005	93	1184303	20.8	
114 Dibenzofuran	168	8.680	8.680	0.0	85	5132615	20.9	
115 2,3,5,6-Tetrachlorophenol	232	8.739	8.733	0.006	86	1035587	22.9	
119 Diethyl phthalate	149	8.846	8.840	0.006	98	4041181	21.8	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	1987312	21.3	
123 4-Nitroaniline	138	8.974	8.969	0.005	67	1024556	21.0	
124 Fluorene	166	8.974	8.969	0.005	82	4078515	20.7	
126 4,6-Dinitro-2-methylphenol	198	8.995	8.990	0.005	79	771658	20.6	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	3139006	21.4	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	4392481	21.3	
131 Azobenzene	77	9.092	9.092	0.0	98	4392962	21.3	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	1120053	20.7	
139 Hexachlorobenzene	284	9.439	9.434	0.005	90	1115873	20.0	
140 Atrazine	200	9.487	9.482	0.005	91	787545	19.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	85	1569637	40.1	
146 Phenanthrene	178	9.792	9.787	0.005	96	5971362	20.6	
147 Anthracene	178	9.835	9.830	0.005	96	6267637	21.8	
149 Carbazole	167	9.958	9.953	0.005	81	6046967	21.6	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	7068549	22.5	
157 Fluoranthene	202	10.798	10.792	0.006	96	7078899	22.1	
158 Benzidine	184	10.894	10.894	0.0	99	4126710	20.5	
160 Pyrene	202	11.006	11.001	0.005	97	7417941	21.7	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	3041849	20.5	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	92	1703500	20.8	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	61	2485326	20.4	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	70	1150023	20.1	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	4342850	20.7	
175 Benzo[a]anthracene	228	12.295	12.290	0.005	96	6432402	21.5	
176 Chrysene	228	12.344	12.338	0.006	95	5976490	21.0	
178 Di-n-octyl phthalate	149	13.173	13.167	0.006	99	7366681	20.5	
180 Benzo[b]fluoranthene	252	13.793	13.788	0.005	91	6761810	23.0	
181 Benzo[k]fluoranthene	252	13.836	13.825	0.011	89	6927834	21.7	
182 Benzo[a]pyrene	252	14.291	14.280	0.010	76	6389303	20.1	
186 Indeno[1,2,3-cd]pyrene	276	16.023	16.007	0.016	94	6972181	20.1	
187 Dibenz(a,h)anthracene	278	16.050	16.040	0.010	77	5905981	20.2	
188 Benzo[g,h,i]perylene	276	16.462	16.446	0.016	90	5973870	22.6	
S 189 Methyl Phenols,Total	100				0		21.7	

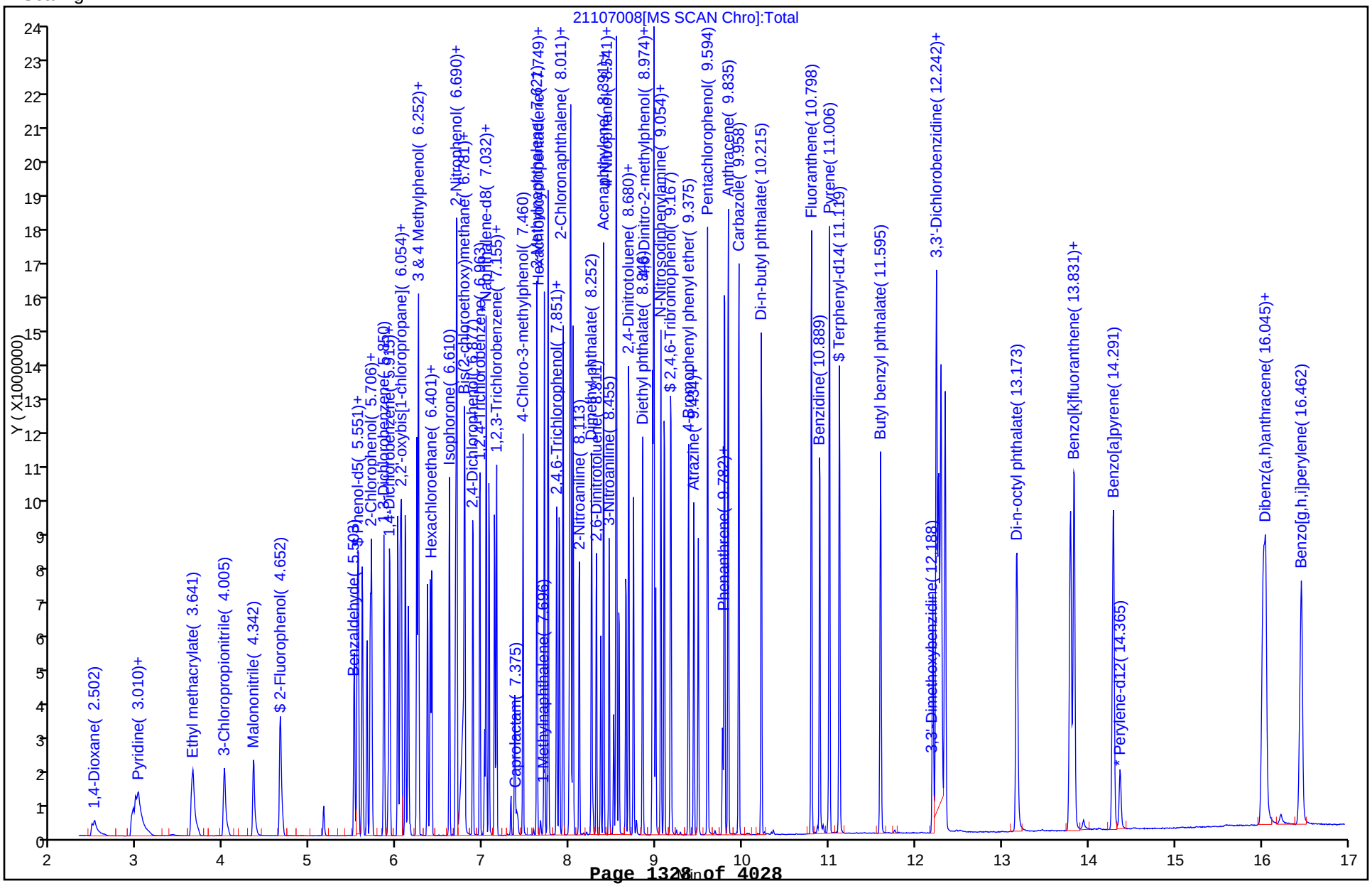
Report Date: 08-Nov-2012 13:38:14 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107008.D

Injection Date:	07-Nov-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:28:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0014744-009		
Misc. Info.:	std7 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	64102	Lims Sample ID:	9
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:15	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:53:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	236816	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	904520	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	511064	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	97	886480	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	94	905642	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	738323	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	92	1084134	14.8	
$ 8 Phenol-d5	99	5.540	5.540	0.0	89	1401532	15.1	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	88	1231341	15.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	2490882	15.0	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	89	329077	15.6	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	99	2500174	14.9	
24 1,4-Dioxane	88	2.507	2.502	0.005	90	357431	13.0	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	89	710533	14.8	
26 Pyridine	79	3.010	3.005	0.005	95	1240295	15.7	
27 Ethyl methacrylate	69	3.641	3.641	0.0	92	959932	14.7	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	90	675455	15.5	
32 Malononitrile	66	4.342	4.342	0.0	97	1310337	15.9	
40 Benzaldehyde	77	5.508	5.508	0.0	93	807962	13.1	
41 Phenol	94	5.551	5.551	0.0	99	1483091	15.0	
43 Aniline	93	5.599	5.599	0.0	98	1852000	14.9	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	95	1122950	14.7	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1178499	14.7	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	1256355	14.6	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	92	1250498	14.6	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	752132	15.2	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	95	1182427	14.5	
51 2-Methylphenol	108	6.096	6.096	0.0	96	1067935	14.8	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	1630140	14.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	1134834	15.0	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	87	805470	15.0	
57 Acetophenone	105	6.251	6.251	0.0	91	1561539	14.6	
60 Hexachloroethane	117	6.353	6.353	0.0	94	505961	14.5	
61 Nitrobenzene	77	6.401	6.401	0.0	83	1234618	15.0	
63 Isophorone	82	6.604	6.605	0.0	97	2187568	15.2	
65 2-Nitrophenol	139	6.679	6.679	0.0	95	611408	15.8	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1035680	14.4	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	93	1141006	15.0	
69 Benzoic acid	122	6.770	6.760	0.010	84	1543106	29.7	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	93	1353489	14.8	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	911378	15.2	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	92	1050932	14.7	
73 Naphthalene	128	7.032	7.032	0.0	97	3380709	15.0	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	1448322	15.0	
77 Hexachlorobutadiene	225	7.129	7.129	-0.001	93	559120	14.4	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	87	972715	0	
83 Caprolactam	113	7.353	7.348	0.005	76	347893	16.1	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	91	979022	15.2	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	87	2122405	14.7	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	2079707	15.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1019623	14.7	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	93	627279	15.1	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	92	677861	15.7	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	736914	15.9	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	98	626231	13.6	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	84	977499	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	2640427	14.6	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	2081186	14.7	
100 2-Nitroaniline	65	8.107	8.107	0.0	83	666331	16.1	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	2265250	15.1	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	88	504465	14.5	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	90	274957	16.5	
107 Acenaphthylene	152	8.391	8.391	0.0	96	3557410	15.3	
108 3-Nitroaniline	138	8.455	8.450	0.005	95	615665	16.4	
110 Acenaphthene	153	8.535	8.535	0.0	93	2035418	14.5	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	76	743918	30.2	
111 4-Nitrophenol	109	8.567	8.562	0.005	91	349036	16.1	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	90	689685	14.6	
114 Dibenzofuran	168	8.680	8.680	0.0	85	3073293	14.8	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	88	614787	16.1	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	2343096	14.9	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	90	1162318	14.7	
123 4-Nitroaniline	138	8.968	8.969	-0.001	62	601597	14.5	
124 Fluorene	166	8.968	8.969	-0.001	82	2470279	14.8	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	83	443519	14.6	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	1828202	15.0	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	2591614	15.0	
131 Azobenzene	77	9.091	9.092	-0.001	98	2591614	15.0	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	674593	14.9	
139 Hexachlorobenzene	284	9.434	9.434	0.0	87	662379	14.2	
140 Atrazine	200	9.487	9.482	0.005	91	498220	15.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	955144	29.7	
146 Phenanthrene	178	9.787	9.787	0.0	97	3476136	14.4	
147 Anthracene	178	9.830	9.830	0.0	97	3680078	15.3	
149 Carbazole	167	9.953	9.953	0.0	81	3568538	15.3	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	4070394	15.5	
157 Fluoranthene	202	10.798	10.792	0.006	96	4122306	15.4	
158 Benzidine	184	10.889	10.894	-0.005	99	2388297	14.7	
160 Pyrene	202	11.001	11.001	0.0	96	4348537	15.0	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	98	1768738	14.5	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	91	973101	14.8	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	60	1489461	14.6	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	68	692599	14.7	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	2497259	14.5	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	94	3764867	14.9	
176 Chrysene	228	12.338	12.338	0.0	95	3527188	14.6	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	4101786	14.7	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	92	3799785	16.1	
181 Benzo[k]fluoranthene	252	13.830	13.825	0.005	99	4057783	15.9	
182 Benzo[a]pyrene	252	14.285	14.280	0.005	73	3697959	14.8	
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	94	4034138	14.8	
187 Dibenz(a,h)anthracene	278	16.045	16.040	0.005	79	3427896	14.8	
188 Benzo[g,h,i]perylene	276	16.457	16.446	0.011	94	3417401	16.2	
S 189 Methyl Phenols,Total	100				0		14.8	

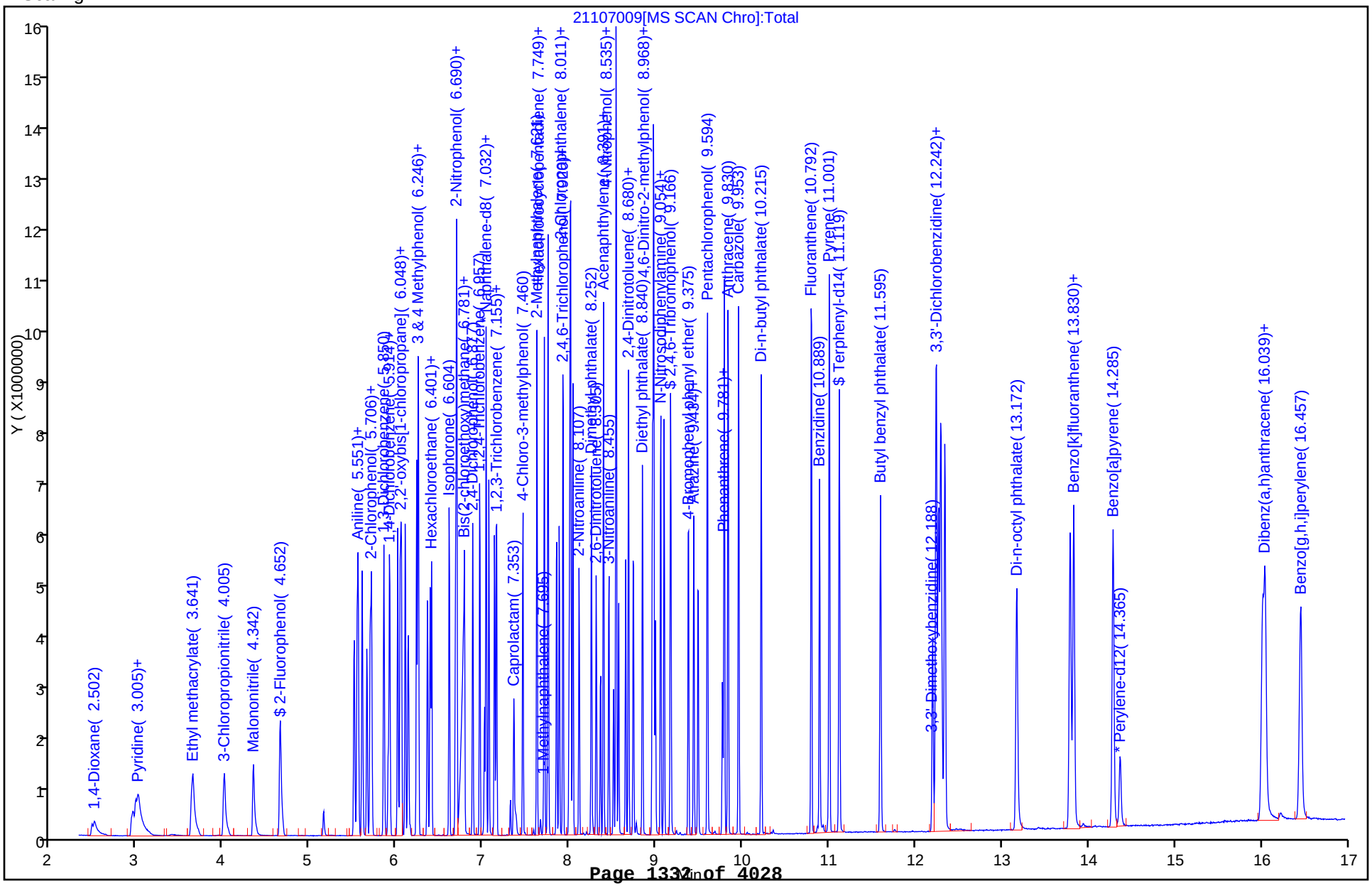
Report Date: 08-Nov-2012 13:38:15 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107009.D

Injection Date:	07-Nov-2012 14:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:51:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0014744-010		
Misc. Info.:	std6 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	64102	Lims Sample ID:	10
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:16	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 15:23:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	226874	4.00	
* 2 Naphthalene-d8	136	7.016	7.016	0.0	99	879477	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	93	492418	4.00	
* 4 Phenanthrene-d10	188	9.766	9.766	0.0	98	835794	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	77	860001	4.00	
* 6 Perylene-d12	264	14.365	14.365	0.0	96	705582	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	93	703304	10.0	
$ 8 Phenol-d5	99	5.540	5.540	0.0	83	897045	10.1	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	86	788287	10.2	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	1612497	10.1	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	92	211519	10.4	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	1624778	10.2	
24 1,4-Dioxane	88	2.502	2.502	0.0	96	289158	11.0	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	91	423432	9.36	
26 Pyridine	79	3.005	3.005	0.0	96	794755	10.5	
27 Ethyl methacrylate	69	3.641	3.641	0.0	91	626893	10.0	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	87	453140	10.8	
32 Malononitrile	66	4.342	4.342	0.0	98	857909	10.9	
40 Benzaldehyde	77	5.508	5.508	0.0	90	555643	9.39	
41 Phenol	94	5.551	5.551	0.0	99	962001	10.1	
43 Aniline	93	5.599	5.599	0.0	97	1186890	10.0	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	95	738530	10.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	769809	10.0	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	97	833741	10.1	
48 1,4-Dichlorobenzene	146	5.915	5.915	0.0	92	816468	9.94	
49 Benzyl alcohol	108	6.011	6.011	0.0	92	485275	10.3	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	777307	9.93	
51 2-Methylphenol	108	6.096	6.096	0.0	95	707992	10.2	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	1057806	9.83	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	738384	10.2	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	84	524618	10.2	
57 Acetophenone	105	6.251	6.251	0.0	91	1013196	9.88	
60 Hexachloroethane	117	6.353	6.353	0.0	94	329140	9.86	
61 Nitrobenzene	77	6.401	6.401	0.0	83	818068	10.2	
63 Isophorone	82	6.605	6.605	0.0	97	1423776	10.1	
65 2-Nitrophenol	139	6.679	6.679	0.0	93	405972	10.8	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	695736	9.98	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	92	748351	10.1	
69 Benzoic acid	122	6.760	6.760	0.0	85	941901	19.3	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	884059	9.92	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	596606	10.2	
72 1,2,4-Trichlorobenzene	180	6.958	6.958	0.0	93	688485	9.88	
73 Naphthalene	128	7.032	7.032	0.0	97	2202898	10.0	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	951670	10.2	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	378760	10.0	
78 1,2,3-Trichlorobenzene	180	7.150	7.150	0.0	92	649132	0	
83 Caprolactam	113	7.348	7.348	0.0	76	203996	9.14	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	96	636751	10.1	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	90	1410272	10.0	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	90	1345567	10.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	92	661897	9.89	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	87	408777	10.2	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	94	438732	10.6	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	472532	10.6	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	98	448465	10.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.001	8.001	0.0	95	650547	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	1719982	9.89	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	1374271	10.1	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	429808	10.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	1475655	10.2	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	94	334247	10.1	
106 1,2-Dinitrobenzene	168	8.354	8.354	0.0	88	169862	10.6	
107 Acenaphthylene	152	8.391	8.391	0.0	95	2313540	10.3	
108 3-Nitroaniline	138	8.450	8.450	0.0	94	394571	10.9	
110 Acenaphthene	153	8.535	8.535	0.0	90	1361892	10.1	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	70	434552	19.1	
111 4-Nitrophenol	109	8.562	8.562	0.0	91	226043	10.8	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	90	444005	9.92	
114 Dibenzofuran	168	8.680	8.680	0.0	88	1991799	9.94	
115 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	88	396818	10.8	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	1513449	10.0	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	782567	10.3	
123 4-Nitroaniline	138	8.969	8.969	0.0	82	389910	9.83	
124 Fluorene	166	8.969	8.969	0.0	83	1639050	10.2	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	83	278233	10.1	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	1196917	10.4	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	1667611	10.3	
131 Azobenzene	77	9.092	9.092	0.0	99	1667682	10.3	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	61	439508	10.3	
139 Hexachlorobenzene	284	9.434	9.434	0.0	86	438431	9.99	
140 Atrazine	200	9.482	9.482	0.0	90	341754	10.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	598614	20.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	2260189	9.90	
147 Anthracene	178	9.830	9.830	0.0	97	2353100	10.4	
149 Carbazole	167	9.953	9.953	0.0	82	2277045	10.3	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	2651212	10.7	
157 Fluoranthene	202	10.792	10.792	0.0	97	2660336	10.5	
158 Benzidine	184	10.889	10.889	0.0	99	1469820	9.93	
160 Pyrene	202	11.001	11.001	0.0	96	2816771	10.3	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	97	1133141	10.0	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	89	579861	9.78	
173 3,3'-Dichlorobenzidine	252	12.237	12.237	0.0	62	969006	10.1	
172 4,4'-Methylene bis(2-chloroanili	231	12.237	12.237	0.0	70	443048	10.1	
171 Bis(2-ethylhexyl) phthalate	149	12.263	12.263	0.0	96	1589061	9.91	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	95	2409756	10.0	
176 Chrysene	228	12.338	12.338	0.0	93	2308021	10.1	
178 Di-n-octyl phthalate	149	13.167	13.167	0.0	99	2499506	9.75	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	88	2379256	10.6	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	99	2696900	11.0	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	2370709	10.1	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	94	2551684	9.97	
187 Dibenz(a,h)anthracene	278	16.040	16.040	0.0	70	2196359	10.1	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	93	2207668	10.9	
S 189 Methyl Phenols,Total	100				0		10.2	

QC Flag Legend

Review Flags
M - Manually Integrated

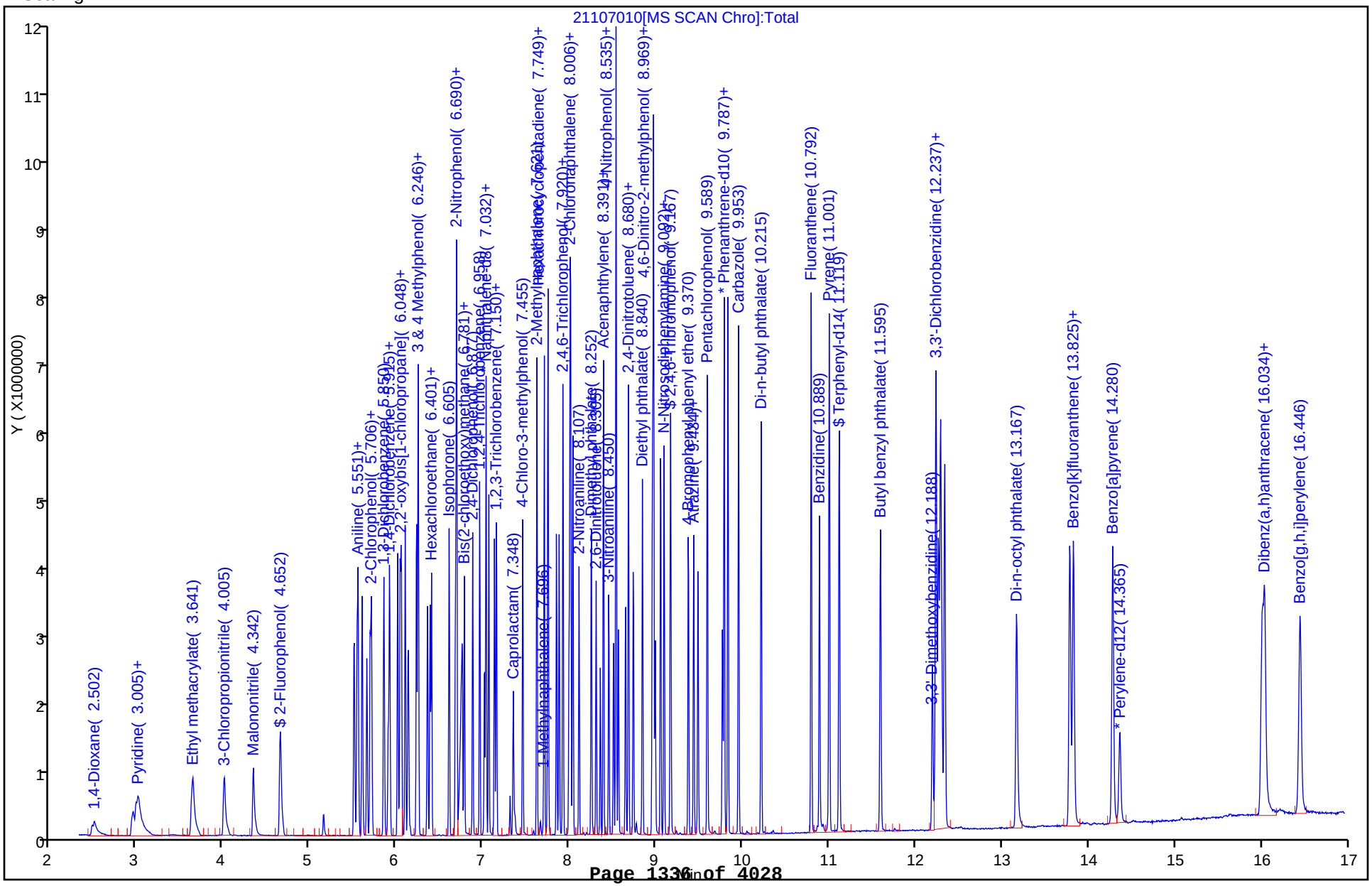
Report Date: 08-Nov-2012 13:38:17 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D

Injection Date:	07-Nov-2012 14:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

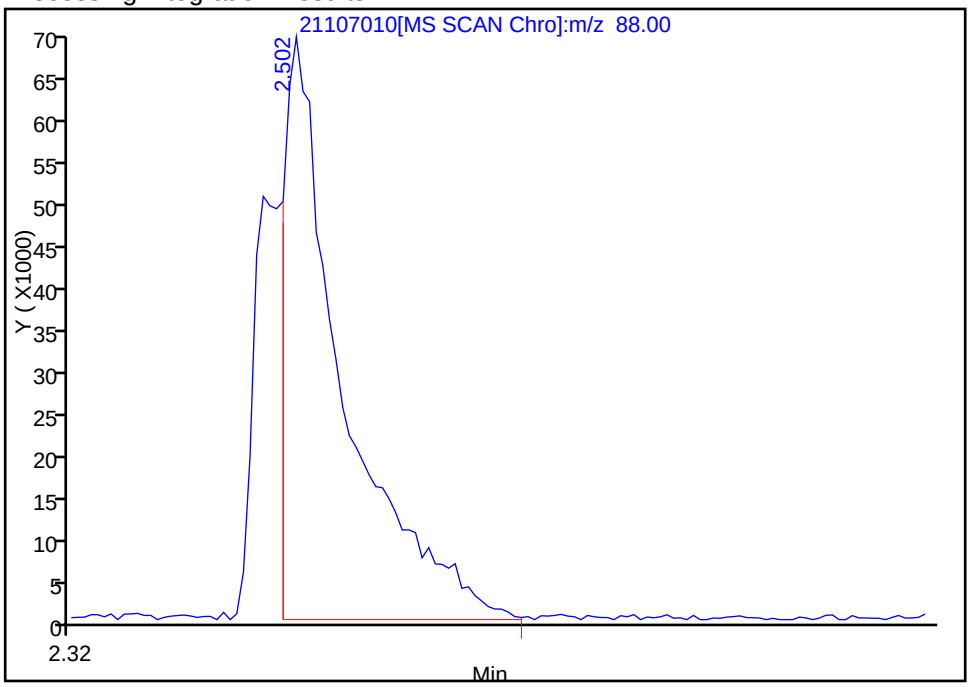
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Injection Date:	07-Nov-2012 14:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

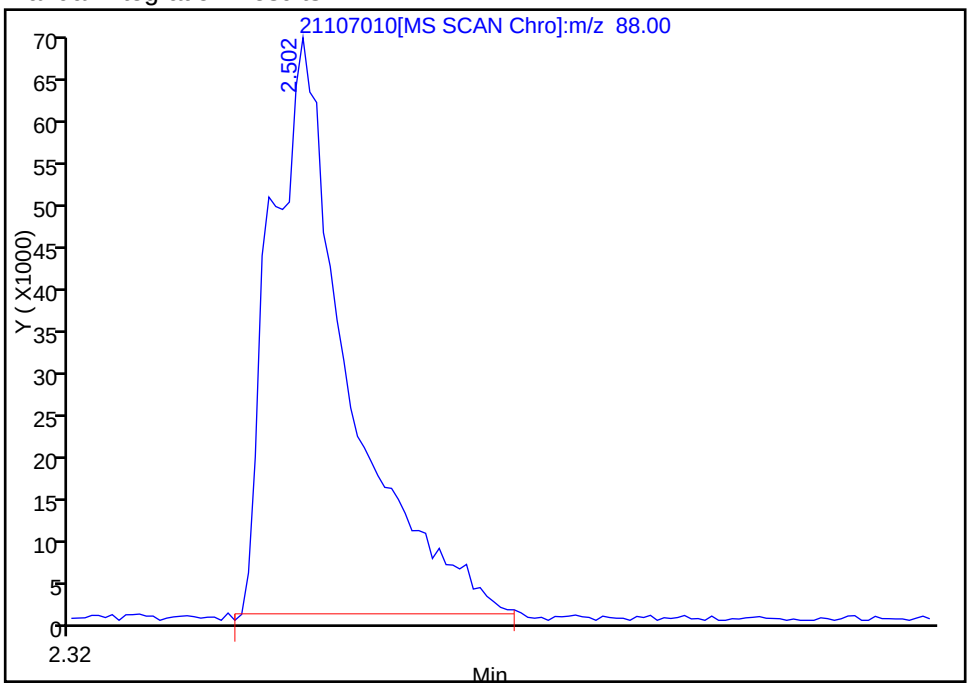
Processing Integration Results

RT: 2.50
Response: 230149
Amount: 8.993336



Manual Integration Results

RT: 2.50
Response: 289158
Amount: 10.982627



Reviewer: gruberj, 07-Nov-2012 15:23:31
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64921/6	21114006.D
Level 2	STD2 240-64921/5	21114005.D
Level 3	STD3 240-64921/4	21114004.D
Level 4	STD4 240-64921/3	21114003.D
Level 5	STD5 240-64921/2	21114002.D
Level 6	STD6 240-64921/10	21114010.D
Level 7	STD7 240-64921/9	21114009.D
Level 8	STD8 240-64921/8	21114008.D
Level 9	STD9 240-64921/7	21114007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.8491	0.9279 0.8407	0.8063 0.8998	0.8278 0.8211	0.8713	Ave		0.8555			0.0500	4.9		15.0			
N-Nitrosodimethylamine	1.3686	1.4487 1.3912	1.3694 1.4579	1.3665 1.3833	1.4053	Ave		1.3989			0.0500	2.6		15.0			
Pyridine	2.1711	2.0936 2.1255	2.0446 2.2551	2.0531 2.1461	2.1446	Ave		2.1292			0.0500	3.2		15.0			
Ethyl methacrylate	1.8482	2.0069 1.8403	1.8409 1.9509	1.8642 1.8206	1.8864	Ave		1.8823			0.0500	3.4		15.0			
3-Chloropropionitrile	0.8810	0.9260 0.8938	0.8706 0.9409	0.8965 0.8998	0.9203	Ave		0.9036			0.0500	2.6		15.0			
Malononitrile	2.3047	2.2917 2.3026	2.3046 2.3095	2.3766 2.1723	2.3234	Ave		2.2982			0.0500	2.5		15.0			
Benzaldehyde	1.8263 1.5229	1.9062 1.1989	1.8601 +++++	1.8272 +++++	1.6972	Ave		1.6912			0.0500	15.0		15.0			
2,4-Toluene diamine	0.2448	0.3068 +++++	0.3219 +++++	0.3108 +++++	0.2957	Ave		0.2960			0.0500	10.0		15.0			
Phenol	2.3100	2.2542 2.3069	2.1500 2.4800	2.2915 2.4050	2.3480	Ave		2.3182			0.0500	4.2		15.0			
Aniline	2.8789	2.9077 2.9429	2.7535 3.1166	2.7861 3.1000	2.8900	Ave		2.9220			0.0500	4.5		15.0			
Bis(2-chloroethyl)ether	1.8944	1.9009 1.7977	1.7988 1.9127	1.8463 1.8832	1.8912	Ave		1.8656			0.0500	2.5		15.0			
2-Chlorophenol	1.3586	1.3142 1.3533	1.3019 1.4269	1.3140 1.4090	1.3744	Ave		1.3565			0.0500	3.4		15.0			
1,3-Dichlorobenzene	1.5611	1.5320 1.5466	1.5368 1.6222	1.5323 1.5937	1.5686	Ave		1.5617			0.0500	2.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.5402	1.4997 1.5084	1.4829 1.6297	1.4905 1.5582	1.5440	Ave		1.5317			0.0500	3.1		15.0			
Benzyl alcohol	1.0875	1.0851 1.0892	1.0178 1.1574	1.0566 1.1329	1.0701	Ave		1.0871			0.0500	4.0		15.0			
1,2-Dichlorobenzene	1.4565	1.4608 1.4635	1.4488 1.5536	1.4892 1.4939	1.4932	Ave		1.4824			0.0500	2.3		15.0			
2-Methylphenol	1.5310	1.4003 1.4833	1.4498 1.6166	1.4674 1.5647	1.5399	Ave		1.5066			0.0500	4.6		15.0			
Benzoic acid	0.2287	+++++ 0.2538	0.1550 0.2677	0.1860 0.2749	0.2226	Qua	-0.167	0.2236	0.0011		0.0500				1.0000		0.9950
bis (2-chloroisopropyl) ether	1.6694	1.5775 1.6234	1.5683 1.7167	1.6176 1.6895	1.5997	Ave		1.6328			0.0500	3.3		15.0			
3 & 4 Methylphenol	1.6010	1.5165 1.6032	1.5596 1.6976	1.5651 1.6897	1.6051	Ave		1.6047			0.0500	3.9		15.0			
N-Nitrosodi-n-propylamine	1.6294	1.5970 1.5867	1.6312 1.6755	1.6231 1.6408	1.6239	Ave		1.6259			0.0500	1.7		15.0			
Acetophenone	2.4144	2.2797 2.3611	2.3134 2.5635	2.3228 2.4916	2.3953	Ave		2.3927			0.0500	4.0		15.0			
Hexachloroethane	0.6360	0.6083 0.6297	0.6381 0.6588	0.6275 0.6309	0.6439	Ave		0.6342			0.0500	2.3		15.0			
Nitrobenzene	0.6024	0.6160 0.5846	0.6114 0.6109	0.5891 0.6064	0.5809	Ave		0.6002			0.0500	2.2		15.0			
Isophorone	1.0559	1.0717 1.0549	1.0249 1.1074	1.0206 1.0903	1.0264	Ave		1.0565			0.0500	3.0		15.0			
2-Nitrophenol	0.1977	0.1872 0.2018	0.1952 0.2118	0.1956 0.2098	0.1943	Ave		0.1992			0.0500	4.1		15.0			
2,4-Dimethylphenol	0.4945	0.4904 0.4779	0.4910 0.5071	0.4711 0.4862	0.4772	Ave		0.4869			0.0500	2.4		15.0			
1,3,5-Trichlorobenzene	0.3639	0.3626 0.3694	0.3554 0.3858	0.3475 0.3822	0.3587	Ave		0.3657			0.0500	3.6		15.0			
Bis(2-chloroethoxy)methane	0.5567	0.5691 0.5438	0.5503 0.5792	0.5556 0.5693	0.5392	Ave		0.5579			0.0500	2.5		15.0			
2,4-Dichlorophenol	0.3054	0.2919 0.3062	0.2900 0.3226	0.2894 0.3201	0.2980	Ave		0.3029			0.0500	4.3		15.0			
1,2,4-Trichlorobenzene	0.3602	0.3755 0.3540	0.3665 0.3798	0.3546 0.3694	0.3531	Ave		0.3641			0.0500	2.8		15.0			
Naphthalene	1.0327 1.0371	1.0073 1.0387	1.0276 1.0960	0.9942 1.0883	1.0178	Ave		1.0377			0.0500	3.3		15.0			
4-Chloroaniline	0.4358	0.4440 0.4333	0.4684 0.4490	0.4255 0.4755	0.4434	Ave		0.4469			0.0500	3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2170	0.2221 0.2108	0.2122 0.2252	0.2125 0.2184	0.2145	Ave		0.2166			0.0500	2.3		15.0			
Caprolactam	0.1421	0.1369 0.1438	0.1294 0.1517	0.1318 0.1442	0.1398	Ave		0.1400			0.0500	5.1		15.0			
4-Chloro-3-methylphenol	0.4304	0.3948 0.4301	0.3974 0.4559	0.4128 0.4444	0.4170	Ave		0.4229			0.0500	5.1		15.0			
2-Methylnaphthalene	0.6065 0.6905	0.7045 0.6922	0.6630 0.7312	0.6570 0.7306	0.6766	Ave		0.6836			0.0500	5.7		15.0			
2,4-Dinitrophenol	0.2375	+++++ 0.2566	0.1696 0.2683	0.2065 0.2698	0.2284	Qua	-0.175	0.2402	0.0007		0.0500				1.0000		0.9950
1-Methylnaphthalene	0.5874 0.6566	0.6257 0.6558	0.6378 0.6944	0.6408 0.6954	0.6406	Ave		0.6483			0.0500	5.1		15.0			
1,2,3,5-Tetrachlorobenzene	0.5907	0.6332 0.5713	0.5860 0.6230	0.5832 0.6246	0.5814	Ave		0.5992			0.0500	4.0		15.0			
Hexachlorocyclopentadiene	0.3910	0.3824 0.3796	0.4042 0.4245	0.3911 0.4177	0.4040	Ave		0.3993			0.0500	4.0		15.0			
2,3,5,6-Tetrachlorophenol	0.3447	+++++ 0.3480	0.2872 0.3752	0.3104 0.3630	0.3201	Ave		0.3355			0.0500	9.2		15.0			
2,4,6-Trichlorophenol	0.3948	0.3588 0.3842	0.3472 0.4208	0.3979 0.4115	0.3842	Ave		0.3874			0.0500	6.4		15.0			
2,4,5-Trichlorophenol	0.4111	0.3932 0.4057	0.4076 0.4363	0.4274 0.4287	0.4069	Ave		0.4146			0.0500	3.5		15.0			
1,1'-Biphenyl	1.3774 1.3387	1.3231 1.3277	1.3092 1.4324	1.3377 1.4123	1.2713	Ave		1.3477			0.0500	3.8		15.0			
2-Chloronaphthalene	1.1265 1.0701	1.0494 1.0473	1.0662 1.1352	1.0556 1.1266	1.0601	Ave		1.0819			0.0500	3.4		15.0			
2-Nitroaniline	0.4639	0.4277 0.4566	0.4649 0.4912	0.4654 0.4775	0.4465	Ave		0.4617			0.0500	4.1		15.0			
Dimethyl phthalate	1.2878	1.2810 1.2613	1.2238 1.3392	1.2576 1.3165	1.2047	Ave		1.2715			0.0500	3.5		15.0			
2,6-Dinitrotoluene	0.2993	0.2774 0.2938	0.2651 0.3151	0.2837 0.3127	0.2906	Ave		0.2922			0.0500	5.8		15.0			
1,2-Dinitrobenzene	0.1521	0.1254 0.1506	0.1392 0.1592	0.1503 0.1576	0.1436	Ave		0.1473			0.0500	7.5		15.0			
Acenaphthylene	1.6484 1.7361	1.7211 1.7116	1.6478 1.8295	1.6568 1.8273	1.6577	Ave		1.7152			0.0500	4.2		15.0			
3-Nitroaniline	0.2987	0.2734 0.2988	0.3045 0.3230	0.3005 0.3114	0.2989	Ave		0.3011			0.0500	4.7		15.0			
Atrazine	0.1954	0.1959 0.1754	0.1917 0.1891	0.1972 +++++	0.1943	Ave		0.1913			0.0500	3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	0.9902 1.0696	1.0606 1.0561	1.0180 1.1434	1.0352 1.1313	1.0291	Ave		1.0593			0.0500	4.8		15.0			
4-Nitrophenol	0.2322	0.1973 0.2243	0.1904 0.2433	0.2067 0.2408	0.2171	Ave		0.2190			0.0500	9.0		15.0			
2,4-Dinitrotoluene	0.4050	0.3717 0.4002	0.3612 0.4243	0.3956 0.4177	0.3866	Ave		0.3953			0.0500	5.5		15.0			
Dibenzofuran	1.5837 1.5265	1.5226 1.5138	1.5313 1.6343	1.5346 1.6208	1.4838	Ave		1.5502			0.0500	3.3		15.0			
Diethyl phthalate	1.2506	1.2697 1.2399	1.1990 1.3277	1.2348 1.2969	1.2060	Ave		1.2531			0.0500	3.5		15.0			
4-Chlorophenyl phenyl ether	0.6808	0.6895 0.6790	0.6487 0.7323	0.6705 0.7293	0.6519	Ave		0.6853			0.0500	4.6		15.0			
4-Nitroaniline	0.3338	0.2817 0.3281	0.3027 0.3577	0.3186 0.3475	0.3159	Ave		0.3232			0.0500	7.5		15.0			
Fluorene	1.4135 1.2951	1.2673 1.2865	1.2488 1.3943	1.2696 1.3818	1.2403	Ave		1.3108			0.0500	5.1		15.0			
4,6-Dinitro-2-methylphenol	0.1587	0.1160 0.1619	0.1304 0.1783	0.1374 0.1746	0.1532	Ave		0.1513			0.0500	14.0		15.0			
N-Nitrosodiphenylamine	0.5509	0.5710 0.5432	0.5301 0.5872	0.5271 0.5862	0.5304	Ave		0.5533			0.0500	4.5		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.0353	0.9969 0.9947	1.0006 1.0629	0.9972 1.0663	0.9979	Ave		1.0192			0.0500	3.0		15.0			
Azobenzene	1.0352	0.9969 0.9947	1.0006 1.0628	0.9975 1.0663	0.9998	Ave		1.0192			0.0500	3.0		15.0			
4-Bromophenyl phenyl ether	0.2041	0.1937 0.2001	0.1949 0.2132	0.1998 0.2150	0.1991	Ave		0.2025			0.0500	3.9		15.0			
Hexachlorobenzene	0.2204 0.1914	0.1841 0.1898	0.1885 0.1976	0.1853 0.1947	0.1904	Ave		0.1936			0.0500	5.6		15.0			
Pentachlorophenol	0.1508	0.1018 0.1540	0.1182 0.1575	0.1270 0.1632	0.1408	Ave		0.1392			0.0500	15.0		15.0			
Phenanthrene	1.1492 1.0666	1.0537 1.0564	1.0050 1.1312	1.0027 1.1306	1.0280	Ave		1.0693			0.0500	5.2		15.0			
Anthracene	1.1356 1.1059	1.0882 1.1065	1.0444 1.1947	1.0440 1.1504	1.0656	Ave		1.1039			0.0500	4.6		15.0			
Carbazole	0.9831	0.9282 0.9758	0.9403 1.0334	0.9323 1.0276	0.9453	Ave		0.9707			0.0500	4.3		15.0			
Di-n-butyl phthalate	1.2378	1.2384 1.2218	1.1539 1.2828	1.1879 1.1594	1.1975	Ave		1.2099			0.0500	3.6		15.0			
Fluoranthene	1.3341 1.2648	1.1777 1.2881	1.1484 1.3630	1.1910 1.2913	1.2154	Ave		1.2526			0.0500	5.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.7041	0.5951 0.6853	0.6654 0.7151	0.6872 0.7035	0.7039	Ave		0.6825			0.0500	5.6		15.0			
Pyrene	1.3070 1.3194	1.2113 1.2896	1.1968 1.3561	1.2383 1.3015	1.2207	Ave		1.2712			0.0500	4.4		15.0			
Butyl benzyl phthalate	0.5617	0.5291 0.5387	0.5339 0.5723	0.5272 0.5636	0.5408	Ave		0.5459			0.0500	3.2		15.0			
3,3'-Dimethoxybenzidine	0.3331	0.2589 0.3426	0.2909 0.3457	0.3084 0.3416	0.3143	Ave		0.3169			0.0500	9.6		15.0			
Bis(2-ethylhexyl) phthalate	0.7816	0.7890 0.7489	0.7377 0.7911	0.7515 0.7717	0.7637	Ave		0.7669			0.0500	2.6		15.0			
4,4'-Methylene bis(2-chloroaniline)	0.2503	0.2204 0.2362	0.2318 0.2501	0.2323 0.2499	0.2398	Ave		0.2389			0.0500	4.5		15.0			
3,3'-Dichlorobenzidine	0.4488	0.4297 0.4419	0.3994 0.4617	0.4352 0.4587	0.4323	Ave		0.4385			0.0500	4.5		15.0			
Benzo[a]anthracene	1.3659 1.2505	1.2352 1.2386	1.1780 1.3135	1.2069 1.3219	1.1912	Ave		1.2557			0.0500	5.1		15.0			
Chrysene	1.2094 1.1275	1.0905 1.0960	1.0800 1.1784	1.0575 1.1280	1.1073	Ave		1.1194			0.0500	4.3		15.0			
Di-n-octyl phthalate	1.6549	1.5212 1.6248	1.5124 1.7278	1.5537 1.7544	1.5945	Ave		1.6180			0.0500	5.6		15.0			
Benzo[b]fluoranthene	1.4310 1.4310	1.2945 1.5407	1.4471 1.6722	1.4305 1.6359	1.4486	Ave		1.4813			0.0500	7.9		15.0			
Benzo[k]fluoranthene	1.3832 1.4156	1.4894 1.2722	1.2537 1.3550	1.2834 1.4053	1.3829	Ave		1.3601			0.0500	5.7		15.0			
Benzo[a]pyrene	1.2763 1.3043	1.1875 1.2935	1.2257 1.3658	1.2494 1.3921	1.2815	Ave		1.2862			0.0500	5.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2077 1.3344	1.2413 1.3412	1.2840 1.4334	1.2776 1.4880	1.3598	Ave		1.3297			0.0500	6.7		15.0			
Dibenz(a,h)anthracene	1.0067 1.1180	1.0391 1.1249	1.0759 1.2027	1.0594 1.2421	1.1321	Ave		1.1112			0.0500	6.8		15.0			
Benzo[g,h,i]perylene	1.1458 1.1047	1.0501 1.0972	1.0626 1.1752	1.0908 1.2106	1.1276	Ave		1.1183			0.0500	4.7		15.0			
2-Fluorophenol (Surr)	1.5300	1.4808 1.4750	1.4082 1.5911	1.4839 1.5049	1.5046	Ave		1.4973			0.0500	3.5		15.0			
Phenol-d5 (Surr)	2.1752	2.0198 2.1620	2.0030 2.2940	2.0886 2.2281	2.1489	Ave		2.1400			0.0500	4.6		15.0			
Nitrobenzene-d5 (Surr)	0.6264 0.6197	0.5903 0.5659	0.6050 0.6424	0.6121 0.5936	0.6029	Ave		0.6065			0.0500	3.7		15.0			
2-Fluorobiphenyl (Surr)	1.3053 1.3143	1.3318 1.2929	1.3153 1.3970	1.3470 1.3852	1.2878	Ave		1.3307			0.0500	2.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1423	0.1315 0.1376	0.1301 0.1509	0.1338 0.1491	0.1331	Ave		0.1385			0.0500	5.8		15.0			
Terphenyl-d14 (Surr)	0.7918 0.7876	0.7372 0.7751	0.7276 0.8069	0.7479 0.8052	0.7416	Ave		0.7690			0.0500	4.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64921/6	21114006.D
Level 2	STD2 240-64921/5	21114005.D
Level 3	STD3 240-64921/4	21114004.D
Level 4	STD4 240-64921/3	21114003.D
Level 5	STD5 240-64921/2	21114002.D
Level 6	STD6 240-64921/10	21114010.D
Level 7	STD7 240-64921/9	21114009.D
Level 8	STD8 240-64921/8	21114008.D
Level 9	STD9 240-64921/7	21114007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	343186	23008 612624	41886 776127	81263 941226	218098	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	553132	35924 1013842	71141 1257512	134157 1585723	351770	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	877444	51914 1548890	106215 1945174	201562 2460081	536850	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	746971	49765 1341098	95633 1682820	183014 2087051	472212	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	356061	22962 651313	45228 811597	88015 1031492	230369	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Malononitrile	DCB	Ave	931445	56827 1677950	119726 1992150	233313 2490105	581602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	9440 615486	47267 873695	96633 +++++	179379 +++++	424844	0.100 10.0	0.500 15.0	1.00 +++++	2.00 +++++	5.00
2,4-Toluene diamine	NPT	Ave	383595	28356 +++++	62444 +++++	117954 +++++	289536	10.0	0.500 +++++	1.00 +++++	2.00 +++++	5.00
Phenol	DCB	Ave	933585	55896 1681094	111694 2139223	224964 2756941	587767	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1163522	72100 2144618	143045 2688278	273516 3553631	723431	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	765620	47136 1310054	93450 1649821	181251 2158786	473410	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	549092	32588 986162	67632 1230822	129000 1615132	344056	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	630943	37988 1127061	79837 1399286	150432 1826854	392661	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,4-Dichlorobenzene	DCB	Ave	622476	37187 1099223	77035 1405722	146324 1786190	386505	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzyl alcohol	DCB	Ave	439538	26906 793729	52877 998382	103733 1298623	267881	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	588668	36222 1066506	75266 1340077	146194 1712518	373791	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	618780	34722 1080934	75319 1394450	144058 1793702	385463	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	716800	+++++ 1426737	60138 1791537	141192 2452486	436030	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
bis (2-chloroisopropyl) ether	DCB	Ave	674680	39116 1183019	81475 1480807	158800 1936691	400455	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	647034	37605 1168321	81021 1464290	153645 1936921	401806	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	658529	39601 1156250	84740 1445220	159341 1880888	406505	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	975778	56528 1720639	120180 2211229	228039 2856149	599601	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	257044	15084 458892	33152 568264	61607 723250	161189	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	944160	56926 1643544	118591 2043725	223572 2704863	568868	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1654917	99043 2965628	198800 3705102	387329 4863428	1005090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	309880	17302 567268	37861 708764	74222 935805	190226	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	774973	45322 1343424	95247 1696581	178805 2168785	467319	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	570316	33511 1038405	68933 1290892	131896 1704867	351226	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	872497	52597 1528700	106744 1937831	210843 2539583	527993	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	478669	26974 860739	56243 1079178	109837 1427673	291798	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	564509	34703 995140	71097 1270758	134568 1647841	345737	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	20470 1625381	93088 2919974	199317 3666918	377308 4854263	996615	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	682956	41029 1218219	90845 1502350	161497 2120925	434159	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	340128	20524 592614	41166 753406	80660 974006	210008	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	222785	12650 404351	25108 507439	50028 643432	136937	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave		36485	77086	156664	408362		0.500	1.00	2.00	5.00
			674494	1209128	1525288	1982460		10.0	15.0	20.0	25.0	
2-Methylnaphthalene	NPT	Ave	12022	65102	128598	249359	662572	0.100	0.500	1.00	2.00	5.00
			1082232	1945919	2446209	3258872		10.0	15.0	20.0	25.0	
2,4-Dinitrophenol	ANT	Qua		+++++	42710	100234	291253		+++++	2.00	4.00	10.0
			486576	974422	1184795	1590032		20.0	30.0	40.0	50.0	
1-Methylnaphthalene	NPT	Ave	11643	57828	123712	243192	627260	0.100	0.500	1.00	2.00	5.00
			1029063	1843773	2323138	3102099		10.0	15.0	20.0	25.0	
1,2,3,5-Tetrachlorobenzene	ANT	Ave		37416	73800	141514	370708		0.500	1.00	2.00	5.00
			604987	1084654	1375680	1840469		10.0	15.0	20.0	25.0	
Hexachlorocyclopentadiene	ANT	Ave		22599	50903	94915	257561		0.500	1.00	2.00	5.00
			400448	720639	937245	1230798		10.0	15.0	20.0	25.0	
2,3,5,6-Tetrachlorophenol	ANT	Ave		+++++	36172	75329	204063		+++++	1.00	2.00	5.00
			353062	660761	828339	1069620		10.0	15.0	20.0	25.0	
2,4,6-Trichlorophenol	ANT	Ave		21205	43723	96545	244958		0.500	1.00	2.00	5.00
			404351	729480	929163	1212748		10.0	15.0	20.0	25.0	
2,4,5-Trichlorophenol	ANT	Ave		23235	51340	103710	259409		0.500	1.00	2.00	5.00
			421048	770175	963261	1263260		10.0	15.0	20.0	25.0	
1,1'-Biphenyl	ANT	Ave	17424	78183	164889	324601	810534	0.100	0.500	1.00	2.00	5.00
			1371026	2520666	3162687	4161613		10.0	15.0	20.0	25.0	
2-Chloronaphthalene	ANT	Ave	14250	62009	134281	256154	675895	0.100	0.500	1.00	2.00	5.00
			1095956	1988357	2506597	3319930		10.0	15.0	20.0	25.0	
2-Nitroaniline	ANT	Ave		25276	58552	112944	284666		0.500	1.00	2.00	5.00
			475073	866881	1084601	1407189		10.0	15.0	20.0	25.0	
Dimethyl phthalate	ANT	Ave		75695	154136	305163	768076		0.500	1.00	2.00	5.00
			1318933	2394547	2956891	3879515		10.0	15.0	20.0	25.0	
2,6-Dinitrotoluene	ANT	Ave		16390	33394	68831	185290		0.500	1.00	2.00	5.00
			306552	557758	695843	921564		10.0	15.0	20.0	25.0	
1,2-Dinitrobenzene	ANT	Ave		7413	17532	36481	91534		0.500	1.00	2.00	5.00
			155818	285999	351558	464517		10.0	15.0	20.0	25.0	
Acenaphthylene	ANT	Ave	20852	101702	207537	402051	1056913	0.100	0.500	1.00	2.00	5.00
			1778100	3249357	4039570	5384784		10.0	15.0	20.0	25.0	
3-Nitroaniline	ANT	Ave		16157	38347	72916	190550		0.500	1.00	2.00	5.00
			305918	567302	713071	917743		10.0	15.0	20.0	25.0	
Atrazine	PHN	Ave		20464	42921	85898	217783		0.500	1.00	2.00	5.00
			361802	606053	756685	+++++		10.0	15.0	20.0	+++++	
Acenaphthene	ANT	Ave	12526	62674	128206	251206	656136	0.100	0.500	1.00	2.00	5.00
			1095440	2004992	2524581	3333668		10.0	15.0	20.0	25.0	
4-Nitrophenol	ANT	Ave		11658	23975	50170	138422		0.500	1.00	2.00	5.00
			237787	425767	537177	709468		10.0	15.0	20.0	25.0	
2,4-Dinitrotoluene	ANT	Ave		21963	45495	96001	246512		0.500	1.00	2.00	5.00
			414750	759842	936756	1230894		10.0	15.0	20.0	25.0	

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dibenzofuran	ANT	Ave	20033 1563382	89972 2873922	192859 3608566	372394 4776084	946052	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	 1280858	75029 2353991	151005 2931572	299629 3821696	768891	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	 697217	40744 1289138	81698 1616992	162693 2149243	415624	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	 341896	16644 622939	38122 789781	77316 1024063	201387	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	17881 1326371	74886 2442356	157281 3078682	308092 4071862	790815	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Ave	 293810	12114 559475	29196 713714	59840 925527	171732	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	 1020048	59634 1876683	118727 2350326	229598 3106564	594476	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	 1916972	104116 3436638	224083 4254385	434349 5650974	1118404	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	 1916720	104116 3436616	224083 4253985	434470 5650875	1120486	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	 377838	20226 691319	43647 853474	87016 1139405	223192	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4997 354403	19224 655912	42205 790947	80727 1032094	213430	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Ave	 558499	21263 1064112	52955 1260860	110594 1729849	315561	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	26053 1974820	110048 3649803	225065 4527707	436749 5991808	1152109	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	25743 2047596	113653 3822892	233887 4781792	454751 6096679	1194253	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	 1820195	96941 3371606	210584 4136104	406075 5446003	1059446	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	 2291821	129343 4221342	258410 5134530	517425 6144634	1342037	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	30244 2341826	122997 4450314	257179 5455431	518777 6843727	1362133	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Ave	 1268926	62479 2384177	147613 2883862	293782 3785464	787031	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	29578 2377919	127178 4486347	265489 5468522	529386 7003441	1364733	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	 1012330	55556 1874010	118431 2307855	225386 3032617	604614	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Ave	 600427	27181 1191906	64524 1394084	131842 1838215	351454	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 64921

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/14/2012 11:39 Calibration End Date: 11/14/2012 14:12 Calibration ID: 12309

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Bis(2-ethylhexyl) phthalate	CRY	Ave	1408600	82838 2605256	163656 3190001	321251 4152624	853797	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Ave	451127	23145 821651	51426 1008670	99307 1344684	268122	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dichlorobenzidine	CRY	Ave	808820	45112 1537114	88605 1861684	186063 2468605	483273	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	30911 2253686	129687 4308859	261314 5296654	515946 7113494	1331831	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	27370 2032015	114489 3812893	239586 4751819	452081 6069885	1238011	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Ave	2458218	128472 4671567	267811 5777151	537605 7500707	1434904	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	26185 2125665	109322 4429778	256249 5591104	494977 6994159	1303589	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	25311 2102729	125787 3657700	222009 4530547	444091 6007953	1244510	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	23354 1937370	100288 3719089	217048 4566553	432320 5951464	1153188	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	22100 1982116	104835 3856110	227370 4792786	442084 6361761	1223681	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	18421 1660741	87752 3234456	190521 4021439	366573 5310553	1018822	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	20967 1640949	88685 3154779	188168 3929312	377450 5175654	1014736	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	618376	36719 1074897	73155 1372448	145674 1725126	376628	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	879128	50083 1575549	104054 1978728	205044 2554181	537928	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	12417 971224	54551 1590785	117341 2149336	232298 2647672	590388	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	16512 1346058	78696 2454462	165653 3084538	326854 4081766	821044	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	145725	7773 261292	16380 333162	32469 439298	84851	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	17919 1419418	77399 2696568	161409 3253950	319711 4333185	829185	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	14-Nov-2012 11:39:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014932-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	64921	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:14	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 12:17:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.838	3.838	0.0	93	200260	4.00	
* 2 Naphthalene-d8	136	4.799	4.799	0.0	99	783366	4.00	
* 3 Acenaphthene-d10	164	6.092	6.092	0.0	79	510061	4.00	
* 4 Phenanthrene-d10	188	7.171	7.171	0.0	97	896579	4.00	
* 5 Chrysene-d12	240	9.152	9.152	0.0	89	894428	4.00	
* 6 Perylene-d12	264	10.525	10.525	0.0	92	719923	4.00	
$ 7 2-Fluorophenol	112	2.834	2.834	0.0	92	376628	5.02	
$ 8 Phenol-d5	99	3.512	3.512	0.0	0	537928	5.02	
$ 9 Nitrobenzene-d5	82	4.249	4.249	0.0	83	590388	4.97	
$ 10 2-Fluorobiphenyl (Surr)	172	5.579	5.579	0.0	94	821044	4.84	
$ 11 2,4,6-Tribromophenol	330	6.663	6.663	0.0	69	84851	4.80	
$ 12 Terphenyl-d14	244	8.314	8.314	0.0	97	829185	4.82	
25 1,4-Dioxane	88	1.739	1.739	0.0	78	218098	5.09	
26 N-Nitrosodimethylamine	74	1.910	1.910	0.0	76	351770	5.02	
27 Pyridine	79	1.952	1.952	0.0	93	536850	5.04	
28 Ethyl methacrylate	69	2.198	2.198	0.0	79	472212	5.01	
29 3-Chloropropionitrile	54	2.380	2.380	0.0	81	230369	5.09	
33 Malononitrile	66	2.556	2.556	0.0	79	581602	5.05	
41 Benzaldehyde	77	3.501	3.501	0.0	85	424844	5.02	
43 Phenol	94	3.523	3.523	0.0	84	587767	5.06	
44 Aniline	93	3.581	3.581	0.0	90	723431	4.95	
69 Bis(2-chloroethyl)ether	93	3.608	3.608	0.0	85	473410	5.07	
46 2-Chlorophenol	128	3.678	3.678	0.0	90	344056	5.07	
47 1,3-Dichlorobenzene	146	3.800	3.800	0.0	84	392661	5.02	
48 1,4-Dichlorobenzene	146	3.848	3.848	0.0	79	386505	5.04	
49 Benzyl alcohol	108	3.918	3.918	0.0	84	267881	4.92	
50 1,2-Dichlorobenzene	146	3.971	3.971	0.0	85	373791	5.04	
51 2-Methylphenol	108	3.987	3.987	0.0	95	385463	5.11	
53 2,2'-oxybis[1-chloropropane]	45	4.019	4.019	0.0	98	400455	4.90	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.099	4.099	0.0	92	401806	5.00	
57 N-Nitrosodi-n-propylamine	70	4.116	4.116	0.0	70	406505	4.99	
58 Acetophenone	105	4.126	4.126	0.0	76	599601	5.01	
61 Hexachloroethane	117	4.228	4.228	0.0	92	161189	5.08	
62 Nitrobenzene	77	4.260	4.260	0.0	74	568868	4.84	
64 Isophorone	82	4.436	4.436	0.0	94	1005090	4.86	
66 2-Nitrophenol	139	4.500	4.500	0.0	80	190226	4.88	
65 2,4-Dimethylphenol	107	4.505	4.505	0.0	94	467319	4.90	
67 1,3,5-Trichlorobenzene	180	4.516	4.516	0.0	90	351226	4.90	
70 Bis(2-chloroethoxy)methane	93	4.580	4.580	0.0	94	527993	4.83	
71 Benzoic acid	122	4.570	4.570	0.0	75	436030	10.2	M
73 2,4-Dichlorophenol	162	4.676	4.676	0.0	90	291798	4.92	
74 1,2,4-Trichlorobenzene	180	4.751	4.751	0.0	87	345737	4.85	
75 Naphthalene	128	4.815	4.815	0.0	97	996615	4.90	
76 4-Chloroaniline	127	4.831	4.831	0.0	64	434159	4.96	
79 Hexachlorobutadiene	225	4.901	4.901	0.0	85	210008	4.95	
80 1,2,3-Trichlorobenzene	180	4.917	4.917	0.0	84	325085	0	
84 Caprolactam	113	5.082	5.082	0.0	81	136937	4.99	
86 4-Chloro-3-methylphenol	107	5.173	5.173	0.0	79	408362	4.93	
87 2-Methylnaphthalene	142	5.323	5.323	0.0	84	662572	4.95	
88 1-Methylnaphthalene	142	5.397	5.397	0.0	80	627260	4.94	
90 1,2,3,5-Tetrachlorobenzene	216	5.435	5.435	0.0	90	370708	4.85	
89 Hexachlorocyclopentadiene	237	5.440	5.440	0.0	83	257561	5.06	
92 2,4,6-Trichlorophenol	196	5.520	5.520	0.0	87	244958	4.96	
93 2,4,5-Trichlorophenol	196	5.547	5.547	0.0	89	259409	4.91	
97 2,4-Toluene diamine	121	5.638	5.638	0.0	95	289536	4.99	
99 1,2,3,4 -Tetrachlorobenzene	216	5.659	5.659	0.0	76	346692	0	
98 1,1'-Biphenyl	154	5.654	5.654	0.0	96	810534	4.72	
100 2-Chloronaphthalene	162	5.680	5.680	0.0	88	675895	4.90	
102 2-Nitroaniline	65	5.739	5.739	0.0	70	284666	4.83	
105 Dimethyl phthalate	163	5.857	5.857	0.0	95	768076	4.74	
107 2,6-Dinitrotoluene	165	5.905	5.905	0.0	83	185290	4.97	
108 1,2-Dinitrobenzene	168	5.953	5.953	0.0	82	91534	4.87	
109 Acenaphthylene	152	5.990	5.990	0.0	84	1056913	4.83	
110 3-Nitroaniline	138	6.038	6.038	0.0	86	190550	4.96	
111 2,4-Dinitrophenol	184	6.108	6.108	0.0	74	291253	9.95	
112 Acenaphthene	153	6.113	6.113	0.0	88	656136	4.86	
113 4-Nitrophenol	109	6.129	6.129	0.0	85	138422	4.96	
114 2,4-Dinitrotoluene	165	6.204	6.204	0.0	82	246512	4.89	
116 Dibenzofuran	168	6.236	6.236	0.0	84	946052	4.79	
118 2,3,5,6-Tetrachlorophenol	232	6.289	6.289	0.0	88	204063	4.77	
121 Diethyl phthalate	149	6.359	6.359	0.0	95	768891	4.81	
123 4-Chlorophenyl phenyl ether	204	6.471	6.471	0.0	88	415624	4.76	
125 4-Nitroaniline	138	6.482	6.482	0.0	83	201387	4.89	
126 Fluorene	166	6.487	6.487	0.0	81	790815	4.73	
128 4,6-Dinitro-2-methylphenol	198	6.503	6.503	0.0	51	171732	5.06	
131 N-Nitrosodiphenylamine	169	6.551	6.551	0.0	97	594476	4.79	
133 Azobenzene	77	6.583	6.583	0.0	93	1120486	4.90	
132 1,2-Diphenylhydrazine	77	6.583	6.583	0.0	98	1118404	4.90	
139 4-Bromophenyl phenyl ether	248	6.823	6.823	0.0	66	223192	4.92	
141 Hexachlorobenzene	284	6.898	6.898	0.0	86	213430	4.92	
142 Atrazine	200	6.914	6.914	0.0	86	217783	5.08	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.026	7.026	0.0	78	315561	10.1	
148 Phenanthrene	178	7.192	7.192	0.0	86	1152109	4.81	
149 Anthracene	178	7.229	7.229	0.0	86	1194253	4.83	
151 Carbazole	167	7.331	7.331	0.0	82	1059446	4.87	
154 Di-n-butyl phthalate	149	7.534	7.534	0.0	100	1342037	4.95	
159 Fluoranthene	202	8.063	8.063	0.0	98	1362133	4.85	
160 Benzidine	184	8.127	8.127	0.0	99	787031	5.16	
161 Pyrene	202	8.233	8.233	0.0	94	1364733	4.80	
168 Butyl benzyl phthalate	149	8.655	8.655	0.0	93	604614	4.95	
172 3,3'-Dimethoxybenzidine	244	9.056	9.056	0.0	83	351454	4.96	
173 Bis(2-ethylhexyl) phthalate	149	9.072	9.072	0.0	95	853797	4.98	
174 4,4'-Methylene bis(2-chloroanili	231	9.088	9.088	0.0	87	268122	5.02	
175 3,3'-Dichlorobenzidine	252	9.093	9.093	0.0	64	483273	4.93	
177 Benzo[a]anthracene	228	9.141	9.141	0.0	89	1331831	4.74	
178 Chrysene	228	9.174	9.174	0.0	90	1238011	4.95	
180 Di-n-octyl phthalate	149	9.595	9.595	0.0	98	1434904	4.93	
182 Benzo[b]fluoranthene	252	10.103	10.103	0.0	85	1303589	4.89	
183 Benzo[k]fluoranthene	252	10.130	10.130	0.0	88	1244510	5.08	
184 Benzo[a]pyrene	252	10.466	10.466	0.0	74	1153188	4.98	
188 Indeno[1,2,3-cd]pyrene	276	12.004	12.004	0.0	90	1223681	5.11	
189 Dibenz(a,h)anthracene	278	12.010	12.010	0.0	56	1018822	5.09	
190 Benzo[g,h,i]perylene	276	12.458	12.458	0.0	89	1014736	5.04	
S 191 Methyl Phenols,Total	100				0		10.1	

QC Flag Legend

Review Flags
M - Manually Integrated

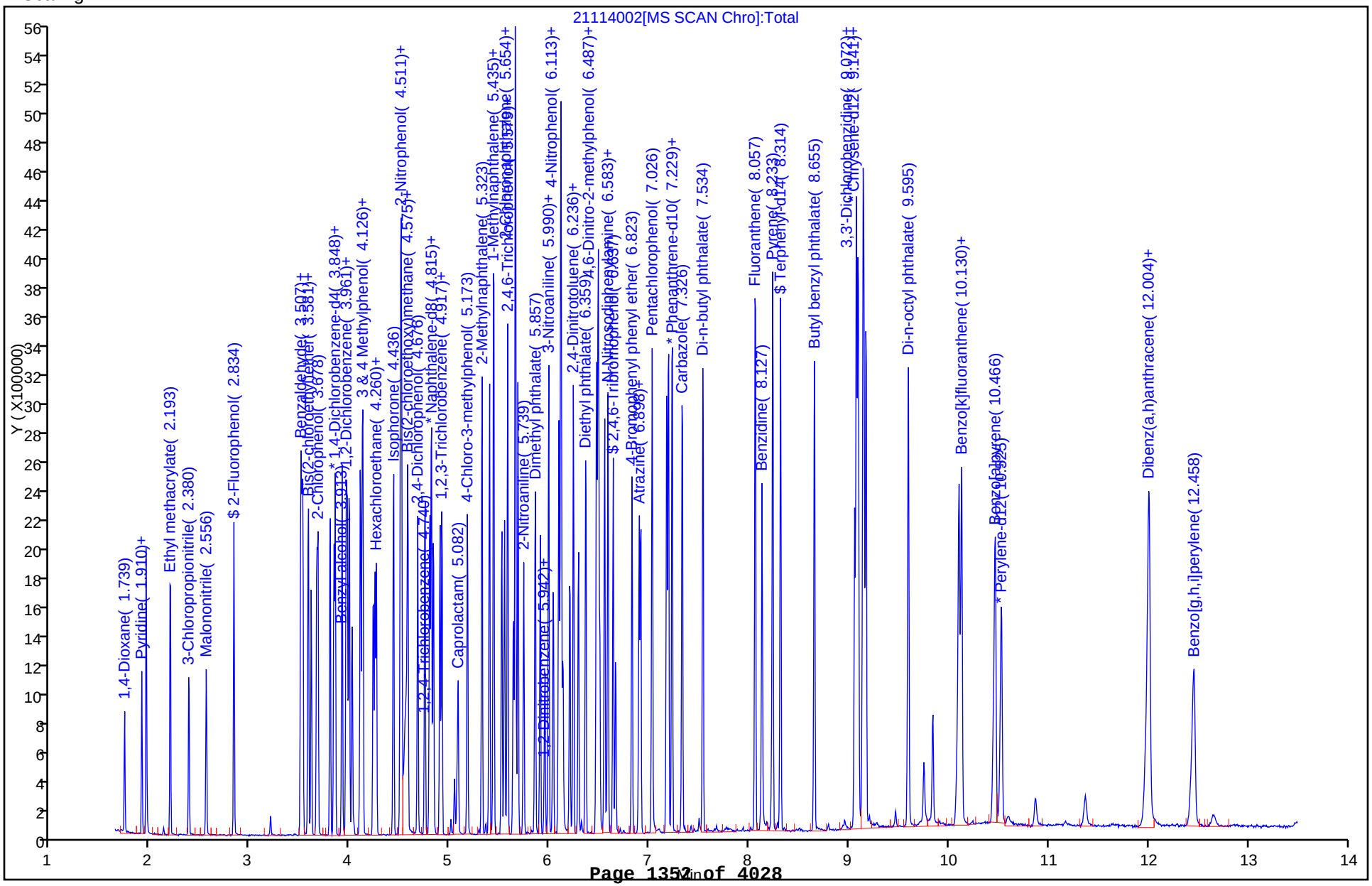
Report Date: 15-Nov-2012 07:40:14 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114002.D

Injection Date:	14-Nov-2012 11:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

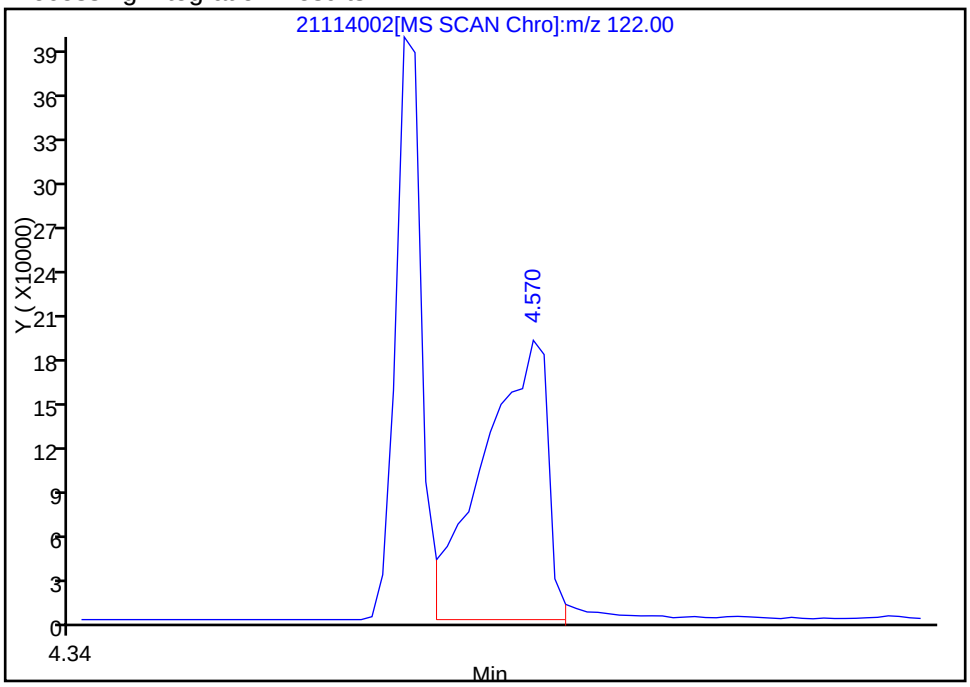
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114002.D		
Injection Date:	14-Nov-2012 11:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 4.57

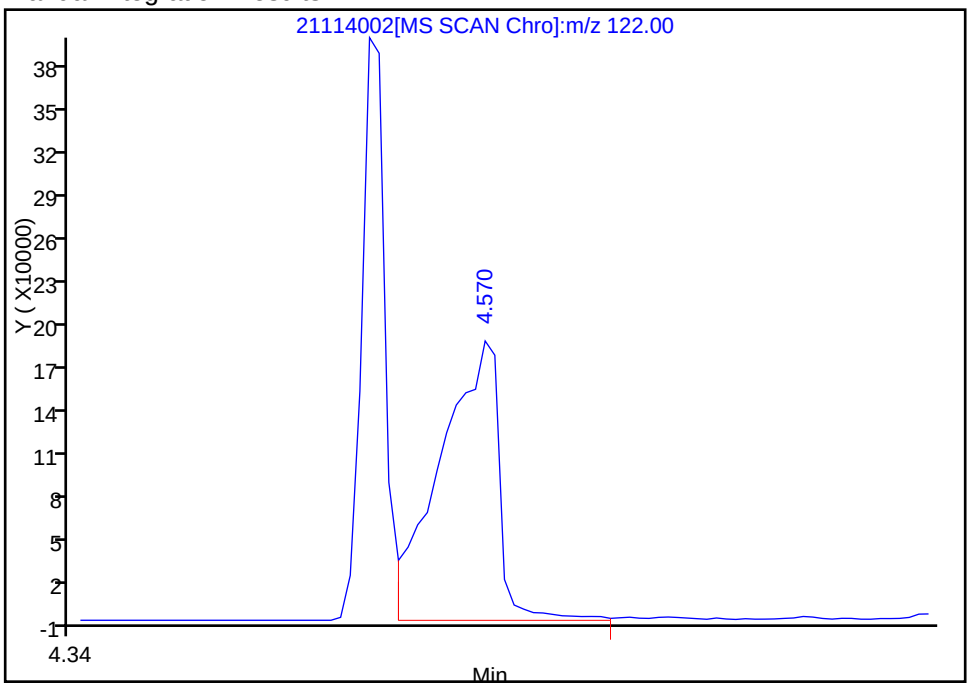
Processing Integration Results

RT: 4.57
Response: 424053
Amount: 10.000000



Manual Integration Results

RT: 4.57
Response: 436030
Amount: 10.181923



Reviewer: ulmanm, 14-Nov-2012 12:17:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	14-Nov-2012 11:59:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014932-003		
Misc. Info.:	ICV IND =ICV IND		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	64921	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:16	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 12:35:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.838	3.838	0.0	85	196345	4.00	
* 2 Naphthalene-d8	136	4.794	4.799	-0.005	98	759035	4.00	
* 3 Acenaphthene-d10	164	6.086	6.092	-0.006	78	485322	4.00	
* 4 Phenanthrene-d10	188	7.171	7.171	0.0	97	871158	4.00	
* 5 Chrysene-d12	240	9.115	9.152	-0.037	79	854998	4.00	
* 6 Perylene-d12	264	10.482	10.525	-0.043	93	692045	4.00	
$ 7 2-Fluorophenol	112	2.834	2.834	0.0	91	145674	1.98	
$ 8 Phenol-d5	99	3.512	3.512	0.0	0	205044	1.95	
$ 9 Nitrobenzene-d5	82	4.244	4.249	-0.005	83	232298	2.02	
$ 10 2-Fluorobiphenyl (Surr)	172	5.574	5.579	-0.005	98	326854	2.02	
$ 11 2,4,6-Tribromophenol	330	6.658	6.663	-0.005	75	32469	1.93	
$ 12 Terphenyl-d14	244	8.303	8.314	-0.011	97	319711	1.95	
25 1,4-Dioxane	88	1.739	1.739	0.0	82	81263	1.94	
26 N-Nitrosodimethylamine	74	1.910	1.910	0.0	81	134157	1.95	
27 Pyridine	79	1.958	1.952	0.006	92	201562	1.93	
28 Ethyl methacrylate	69	2.198	2.198	0.0	79	183014	1.98	
29 3-Chloropropionitrile	54	2.385	2.380	0.005	79	88015	1.98	
33 Malononitrile	66	2.556	2.556	0.0	79	233313	2.07	
41 Benzaldehyde	77	3.501	3.501	0.0	80	179379	2.16	
43 Phenol	94	3.523	3.523	0.0	89	224964	1.98	
44 Aniline	93	3.581	3.581	0.0	96	273516	1.91	
69 Bis(2-chloroethyl)ether	93	3.608	3.608	0.0	97	181251	1.98	
46 2-Chlorophenol	128	3.677	3.678	-0.001	92	129000	1.94	
47 1,3-Dichlorobenzene	146	3.800	3.800	0.0	84	150432	1.96	
48 1,4-Dichlorobenzene	146	3.848	3.848	0.0	70	146324	1.95	
49 Benzyl alcohol	108	3.918	3.918	0.0	79	103733	1.94	
50 1,2-Dichlorobenzene	146	3.971	3.971	0.0	84	146194	2.01	
51 2-Methylphenol	108	3.987	3.987	0.0	85	144058	1.95	
53 2,2'-oxybis[1-chloropropane]	45	4.019	4.019	0.0	98	158800	1.98	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.099	4.099	0.0	90	153645	1.95	
57 N-Nitrosodi-n-propylamine	70	4.115	4.116	-0.001	70	159341	2.00	
58 Acetophenone	105	4.126	4.126	0.0	77	228039	1.94	
61 Hexachloroethane	117	4.228	4.228	0.0	97	61607	1.98	
62 Nitrobenzene	77	4.260	4.260	0.0	73	223572	1.96	
64 Isophorone	82	4.431	4.436	-0.005	95	387329	1.93	
66 2-Nitrophenol	139	4.500	4.500	0.0	79	74222	1.96	
65 2,4-Dimethylphenol	107	4.505	4.505	0.0	96	178805	1.94	
67 1,3,5-Trichlorobenzene	180	4.516	4.516	0.0	89	131896	1.90	
70 Bis(2-chloroethoxy)methane	93	4.575	4.580	-0.005	98	210843	1.99	
71 Benzoic acid	122	4.548	4.570	-0.022	76	141192	3.99	M
73 2,4-Dichlorophenol	162	4.676	4.676	0.0	92	109837	1.91	
74 1,2,4-Trichlorobenzene	180	4.746	4.751	-0.005	88	134568	1.95	
75 Naphthalene	128	4.810	4.815	-0.005	99	377308	1.92	
76 4-Chloroaniline	127	4.831	4.831	0.0	70	161497	1.90	
79 Hexachlorobutadiene	225	4.901	4.901	0.0	85	80660	1.96	
80 1,2,3-Trichlorobenzene	180	4.917	4.917	0.0	79	122938	0	
84 Caprolactam	113	5.066	5.082	-0.016	74	50028	1.88	
86 4-Chloro-3-methylphenol	107	5.173	5.173	0.0	79	156664	1.95	
87 2-Methylnaphthalene	142	5.317	5.323	-0.006	84	249359	1.92	
88 1-Methylnaphthalene	142	5.392	5.397	-0.005	82	243192	1.98	
90 1,2,3,5-Tetrachlorobenzene	216	5.435	5.435	0.0	91	141514	1.95	
89 Hexachlorocyclopentadiene	237	5.440	5.440	0.0	85	94915	1.96	
92 2,4,6-Trichlorophenol	196	5.515	5.520	-0.005	90	96545	2.05	
93 2,4,5-Trichlorophenol	196	5.542	5.547	-0.005	94	103710	2.06	
97 2,4-Toluene diamine	121	5.632	5.638	-0.006	97	117954	2.10	
99 1,2,3,4 -Tetrachlorobenzene	216	5.654	5.659	-0.005	60	134805	0	
98 1,1'-Biphenyl	154	5.654	5.654	0.0	92	324601	1.99	
100 2-Chloronaphthalene	162	5.680	5.680	0.0	96	256154	1.95	
102 2-Nitroaniline	65	5.734	5.739	-0.005	70	112944	2.02	
105 Dimethyl phthalate	163	5.851	5.857	-0.006	95	305163	1.98	
107 2,6-Dinitrotoluene	165	5.905	5.905	0.0	87	68831	1.94	
108 1,2-Dinitrobenzene	168	5.947	5.953	-0.006	80	36481	2.04	
109 Acenaphthylene	152	5.985	5.990	-0.005	85	402051	1.93	
110 3-Nitroaniline	138	6.033	6.038	-0.005	85	72916	2.00	
111 2,4-Dinitrophenol	184	6.108	6.108	0.0	63	100234	4.12	
112 Acenaphthene	153	6.113	6.113	0.0	90	251206	1.95	
113 4-Nitrophenol	109	6.129	6.129	0.0	86	50170	1.89	
114 2,4-Dinitrotoluene	165	6.198	6.204	-0.006	85	96001	2.00	
116 Dibenzofuran	168	6.236	6.236	0.0	85	372394	1.98	
118 2,3,5,6-Tetrachlorophenol	232	6.284	6.289	-0.005	85	75329	1.85	
121 Diethyl phthalate	149	6.359	6.359	0.0	94	299629	1.97	
123 4-Chlorophenyl phenyl ether	204	6.466	6.471	-0.005	89	162693	1.96	
125 4-Nitroaniline	138	6.476	6.482	-0.006	80	77316	1.97	
126 Fluorene	166	6.487	6.487	0.0	62	308092	1.94	
128 4,6-Dinitro-2-methylphenol	198	6.498	6.503	-0.005	79	59840	1.82	M
131 N-Nitrosodiphenylamine	169	6.546	6.551	-0.005	99	229598	1.91	
133 Azobenzene	77	6.578	6.583	-0.005	96	434470	1.96	
132 1,2-Diphenylhydrazine	77	6.578	6.583	-0.005	98	434349	1.96	
139 4-Bromophenyl phenyl ether	248	6.823	6.823	0.0	64	87016	1.97	
141 Hexachlorobenzene	284	6.893	6.898	-0.005	80	80727	1.91	
142 Atrazine	200	6.909	6.914	-0.005	84	85898	2.06	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.026	7.026	0.0	86	110594	3.65	
148 Phenanthrene	178	7.187	7.192	-0.005	86	436749	1.88	
149 Anthracene	178	7.224	7.229	-0.005	88	454751	1.89	
151 Carbazole	167	7.325	7.331	-0.006	83	406075	1.92	
154 Di-n-butyl phthalate	149	7.534	7.534	0.0	100	517425	1.96	
159 Fluoranthene	202	8.052	8.063	-0.011	98	518777	1.90	
160 Benzidine	184	8.116	8.127	-0.011	86	293782	2.01	
161 Pyrene	202	8.223	8.233	-0.010	95	529386	1.95	
168 Butyl benzyl phthalate	149	8.629	8.655	-0.026	92	225386	1.93	
172 3,3'-Dimethoxybenzidine	244	9.024	9.056	-0.032	88	131842	1.95	
173 Bis(2-ethylhexyl) phthalate	149	9.040	9.072	-0.032	95	321251	1.96	
174 4,4'-Methylene bis(2-chloroanili	231	9.051	9.088	-0.037	83	99307	1.95	
175 3,3'-Dichlorobenzidine	252	9.056	9.093	-0.037	59	186063	1.99	
177 Benzo[a]anthracene	228	9.104	9.141	-0.037	87	515946	1.92	
178 Chrysene	228	9.136	9.174	-0.038	90	452081	1.89	
180 Di-n-octyl phthalate	149	9.553	9.595	-0.042	98	537605	1.92	
182 Benzo[b]fluoranthene	252	10.055	10.103	-0.048	82	494977	1.93	
183 Benzo[k]fluoranthene	252	10.081	10.130	-0.049	89	444091	1.89	
184 Benzo[a]pyrene	252	10.418	10.466	-0.048	74	432320	1.94	
188 Indeno[1,2,3-cd]pyrene	276	11.945	12.004	-0.059	94	442084	1.92	
189 Dibenz(a,h)anthracene	278	11.951	12.010	-0.059	42	366573	1.91	
190 Benzo[g,h,i]perylene	276	12.394	12.458	-0.064	88	377450	1.95	
S 191 Methyl Phenols,Total	100				0		3.90	

QC Flag Legend

Review Flags
M - Manually Integrated

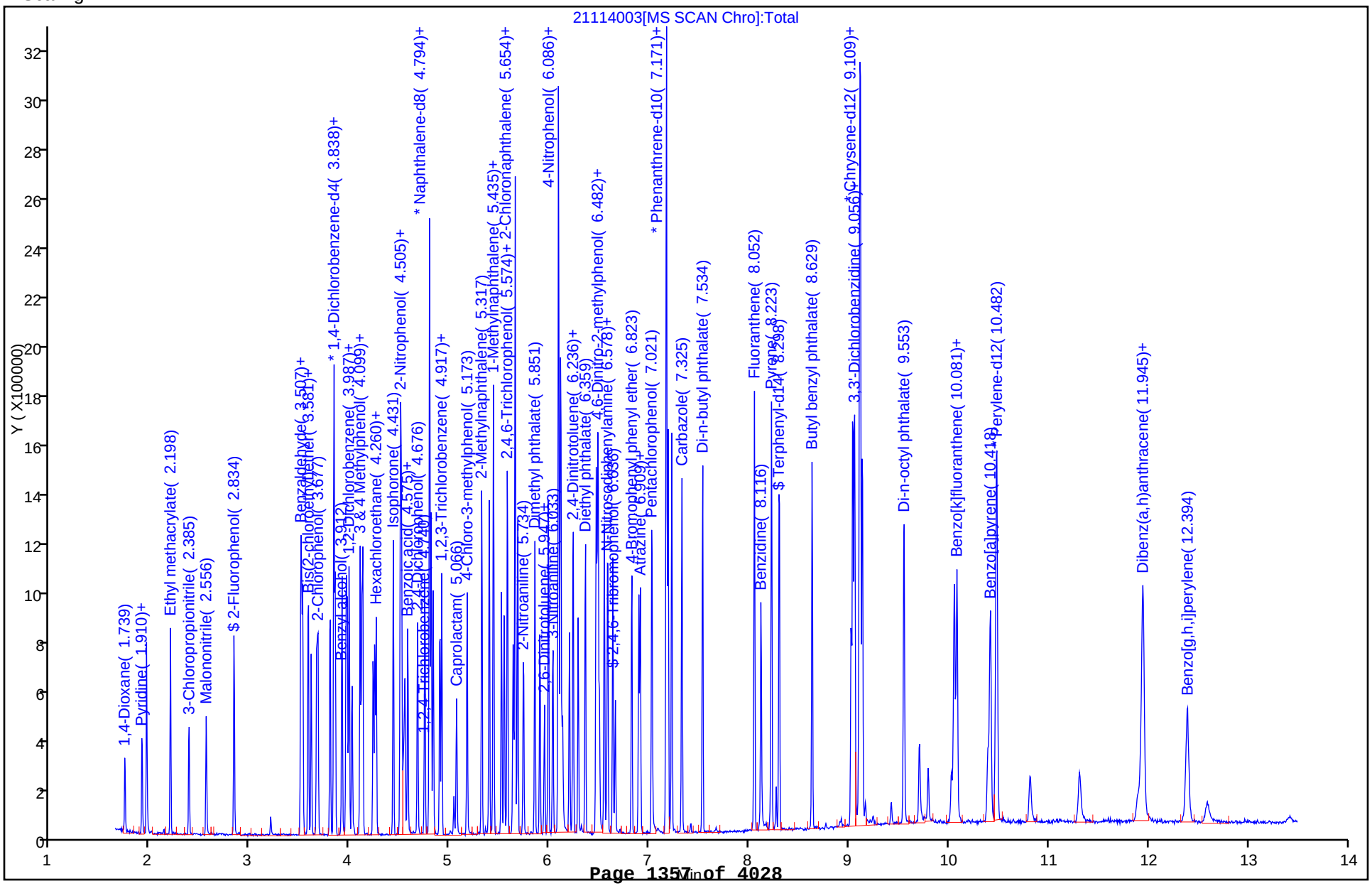
Report Date: 15-Nov-2012 07:40:16 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

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Injection Date:	14-Nov-2012 11:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

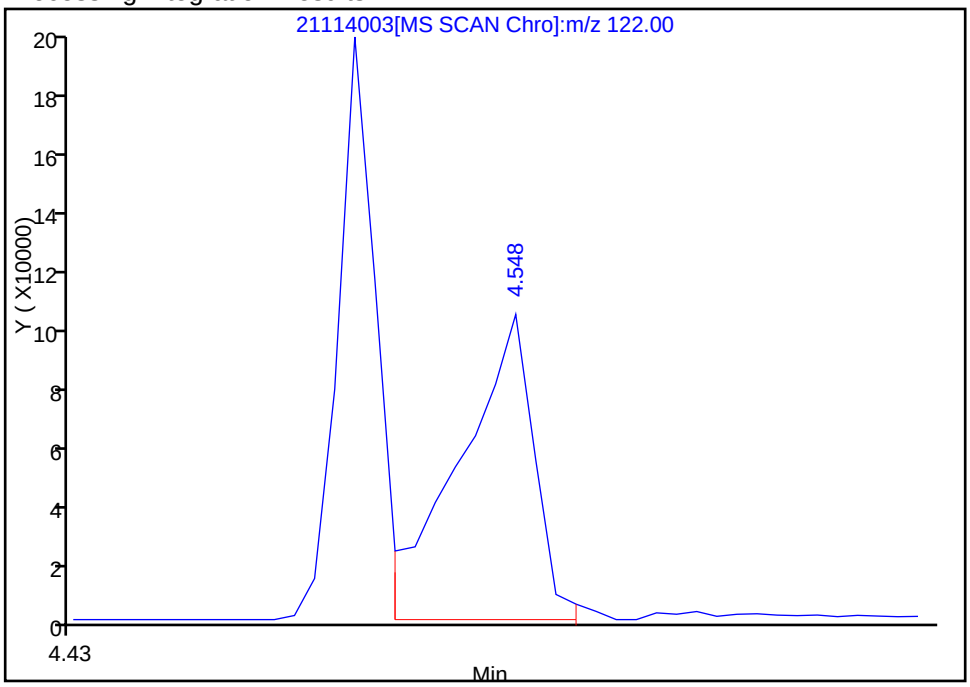
TestAmerica Canton

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Injection Date:	14-Nov-2012 11:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 4.57

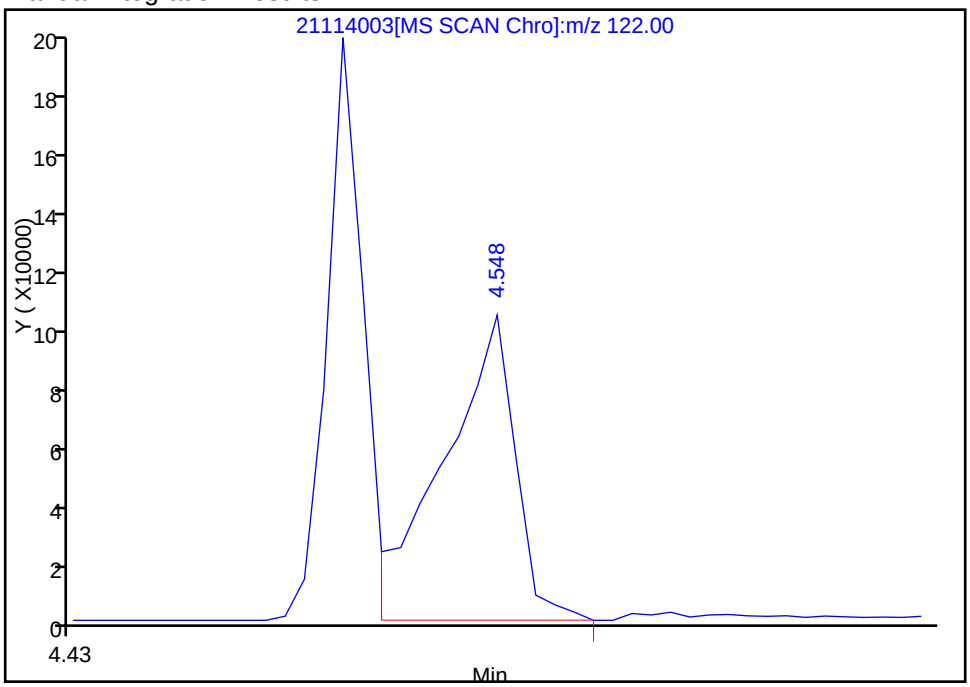
Processing Integration Results

RT: 4.55
Response: 140602
Amount: 3.633164



Manual Integration Results

RT: 4.55
Response: 141192
Amount: 3.993303



Reviewer: ulmanm, 14-Nov-2012 12:35:17
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

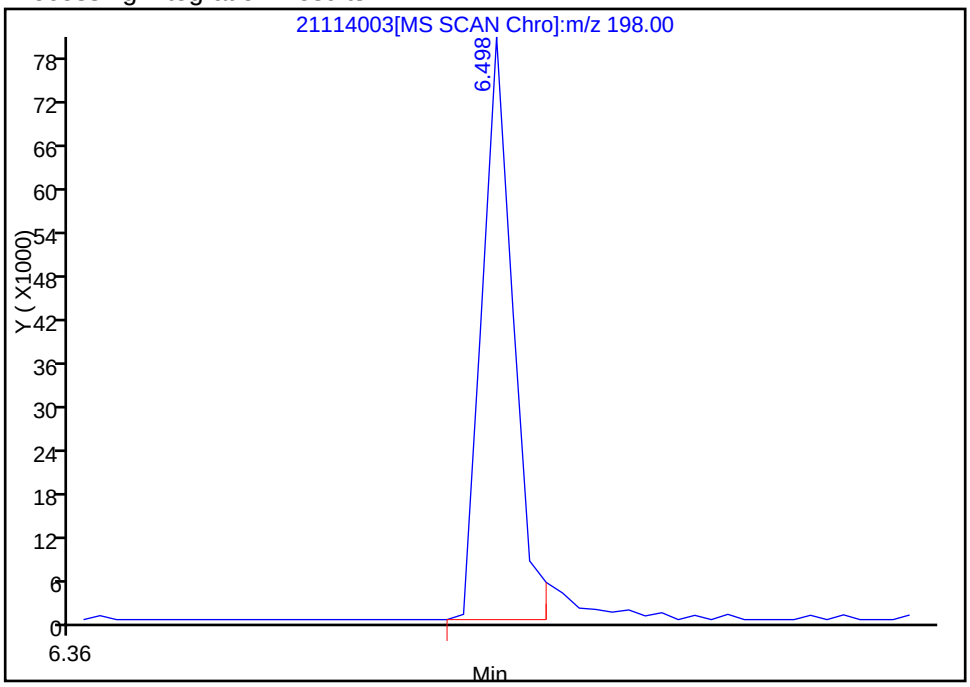
TestAmerica Canton

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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

128 4,6-Dinitro-2-methylphenol, Signal: 1, m/z: 198.0 Type: quant, RT: 6.50

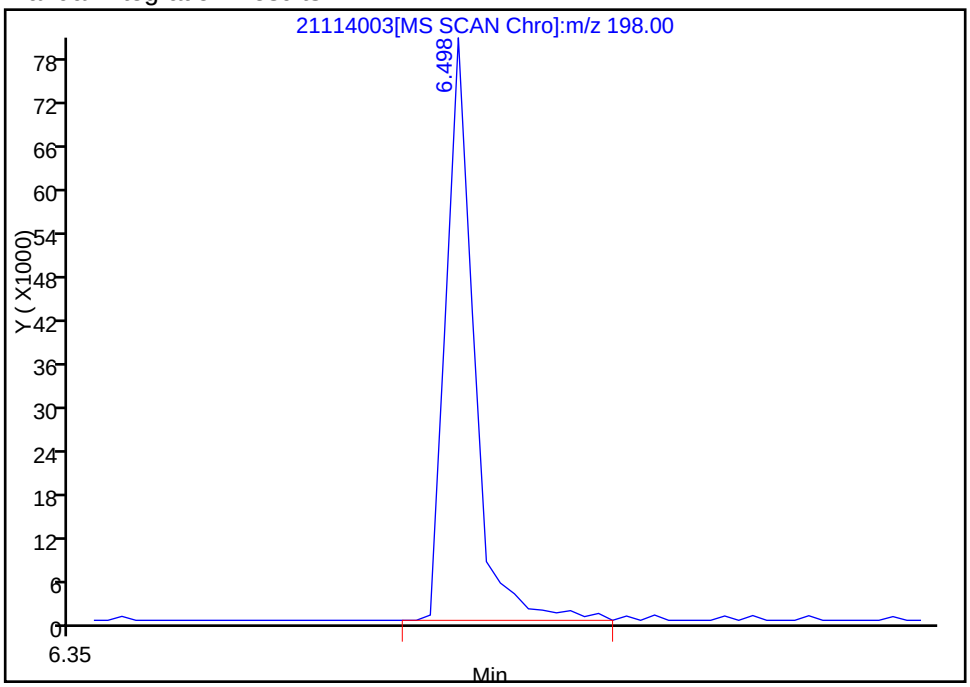
Processing Integration Results

RT: 6.50
Response: 56448
Amount: 1.832829



Manual Integration Results

RT: 6.50
Response: 59840
Amount: 1.815794



Reviewer: ulmanm, 14-Nov-2012 12:35:17
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	14-Nov-2012 12:18:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014932-004		
Misc. Info.:	ICV IND =ICV IND		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	64921	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:18	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 13:04:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.838	3.838	0.0	95	207801	4.00	
* 2 Naphthalene-d8	136	4.794	4.799	-0.005	98	775865	4.00	
* 3 Acenaphthene-d10	164	6.087	6.092	-0.005	76	503778	4.00	
* 4 Phenanthrene-d10	188	7.166	7.171	-0.005	96	895815	4.00	
* 5 Chrysene-d12	240	9.110	9.152	-0.042	76	887349	4.00	
* 6 Perylene-d12	264	10.477	10.525	-0.048	93	708312	4.00	
$ 7 2-Fluorophenol	112	2.834	2.834	0.0	92	73155	0.9405	
$ 8 Phenol-d5	99	3.512	3.512	0.0	0	104054	0.9360	
$ 9 Nitrobenzene-d5	82	4.244	4.249	-0.005	84	117341	1.00	
$ 10 2-Fluorobiphenyl (Surr)	172	5.574	5.579	-0.005	99	165653	0.9884	
$ 11 2,4,6-Tribromophenol	330	6.658	6.663	-0.005	70	16380	0.9387	
$ 12 Terphenyl-d14	244	8.298	8.314	-0.016	98	161409	0.9462	
25 1,4-Dioxane	88	1.745	1.739	0.005	79	41886	0.9425	
26 N-Nitrosodimethylamine	74	1.915	1.910	0.005	75	71141	0.9789	
27 Pyridine	79	1.963	1.952	0.011	92	106215	0.9602	
28 Ethyl methacrylate	69	2.199	2.198	0.0	78	95633	0.9780	
29 3-Chloropropionitrile	54	2.385	2.380	0.005	80	45228	0.9635	
33 Malononitrile	66	2.556	2.556	0.0	78	119726	1.00	
41 Benzaldehyde	77	3.502	3.501	0.001	83	96633	1.10	
43 Phenol	94	3.523	3.523	0.0	92	111694	0.9274	
44 Aniline	93	3.576	3.581	-0.005	82	143045	0.9423	
69 Bis(2-chloroethyl)ether	93	3.609	3.608	0.001	92	93450	0.9642	
46 2-Chlorophenol	128	3.678	3.678	0.0	88	67632	0.9597	
47 1,3-Dichlorobenzene	146	3.795	3.800	-0.005	88	79837	0.9841	
48 1,4-Dichlorobenzene	146	3.849	3.848	0.001	75	77035	0.9681	
49 Benzyl alcohol	108	3.918	3.918	0.0	86	52877	0.9363	
50 1,2-Dichlorobenzene	146	3.972	3.971	0.001	90	75266	0.9773	
51 2-Methylphenol	108	3.988	3.987	0.001	89	75319	0.9623	
53 2,2'-oxybis[1-chloropropane]	45	4.020	4.019	0.001	98	81475	0.9605	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.100	4.099	0.001	91	81021	0.9719	
57 N-Nitrosodi-n-propylamine	70	4.116	4.116	0.0	71	84740	1.00	
58 Acetophenone	105	4.127	4.126	0.001	74	120180	0.9668	
61 Hexachloroethane	117	4.228	4.228	0.0	93	33152	1.01	
62 Nitrobenzene	77	4.260	4.260	0.0	76	118591	1.02	
64 Isophorone	82	4.431	4.436	-0.005	95	198800	0.9701	
66 2-Nitrophenol	139	4.500	4.500	0.0	82	37861	0.9800	
65 2,4-Dimethylphenol	107	4.506	4.505	0.001	94	95247	1.01	
67 1,3,5-Trichlorobenzene	180	4.517	4.516	0.001	88	68933	0.9718	
71 Benzoic acid	122	4.533	4.570	-0.037	77	60138	2.11	M
70 Bis(2-chloroethoxy)methane	93	4.575	4.580	-0.005	98	106744	0.9864	
73 2,4-Dichlorophenol	162	4.677	4.676	0.001	91	56243	0.9572	
74 1,2,4-Trichlorobenzene	180	4.746	4.751	-0.005	86	71097	1.01	
75 Naphthalene	128	4.810	4.815	-0.005	80	199317	0.99	
76 4-Chloroaniline	127	4.832	4.831	0.001	81	90845	1.05	
79 Hexachlorobutadiene	225	4.896	4.901	-0.005	89	41166	0.9799	
80 1,2,3-Trichlorobenzene	180	4.917	4.917	0.0	82	62022	0	
84 Caprolactam	113	5.061	5.082	-0.021	77	25108	0.9247	
86 4-Chloro-3-methylphenol	107	5.168	5.173	-0.005	78	77086	0.9398	
87 2-Methylnaphthalene	142	5.318	5.323	-0.005	86	128598	0.9699	
88 1-Methylnaphthalene	142	5.392	5.397	-0.005	82	123712	0.9838	
90 1,2,3,5-Tetrachlorobenzene	216	5.435	5.435	0.0	85	73800	0.9780	
89 Hexachlorocyclopentadiene	237	5.435	5.440	-0.005	87	50903	1.01	
92 2,4,6-Trichlorophenol	196	5.515	5.520	-0.005	86	43723	0.8960	
93 2,4,5-Trichlorophenol	196	5.542	5.547	-0.005	92	51340	0.9832	
97 2,4-Toluene diamine	121	5.633	5.638	-0.005	96	62444	1.09	
98 1,1'-Biphenyl	154	5.654	5.654	0.0	96	164889	0.9714	
99 1,2,3,4 -Tetrachlorobenzene	216	5.654	5.659	-0.005	61	69065	0	
100 2-Chloronaphthalene	162	5.676	5.680	-0.004	97	134281	0.9855	
102 2-Nitroaniline	65	5.734	5.739	-0.005	58	58552	1.01	
105 Dimethyl phthalate	163	5.852	5.857	-0.005	95	154136	0.9625	
107 2,6-Dinitrotoluene	165	5.900	5.905	-0.005	85	33394	0.9074	
108 1,2-Dinitrobenzene	168	5.948	5.953	-0.005	76	17532	0.9452	
109 Acenaphthylene	152	5.985	5.990	-0.005	86	207537	0.9608	
110 3-Nitroaniline	138	6.033	6.038	-0.005	85	38347	1.01	
111 2,4-Dinitrophenol	184	6.103	6.108	-0.005	53	42710	2.13	
112 Acenaphthene	153	6.108	6.113	-0.005	89	128206	0.9610	
113 4-Nitrophenol	109	6.130	6.129	0.001	75	23975	0.8692	
114 2,4-Dinitrotoluene	165	6.199	6.204	-0.005	77	45495	0.9138	
116 Dibenzofuran	168	6.231	6.236	-0.005	84	192859	0.9878	
118 2,3,5,6-Tetrachlorophenol	232	6.284	6.289	-0.005	88	36172	0.8560	
121 Diethyl phthalate	149	6.354	6.359	-0.005	95	151005	0.9568	
123 4-Chlorophenyl phenyl ether	204	6.466	6.471	-0.005	88	81698	0.9466	
125 4-Nitroaniline	138	6.471	6.482	-0.011	78	38122	0.9364	
126 Fluorene	166	6.482	6.487	-0.005	64	157281	0.9527	
128 4,6-Dinitro-2-methylphenol	198	6.498	6.503	-0.005	82	29196	0.8615	M
131 N-Nitrosodiphenylamine	169	6.546	6.551	-0.005	95	118727	0.9582	
133 Azobenzene	77	6.578	6.583	-0.005	93	224083	0.9817	
132 1,2-Diphenylhydrazine	77	6.578	6.583	-0.005	98	224083	0.9817	
139 4-Bromophenyl phenyl ether	248	6.824	6.823	0.001	64	43647	0.9625	
141 Hexachlorobenzene	284	6.893	6.898	-0.005	85	42205	0.9735	
142 Atrazine	200	6.909	6.914	-0.005	79	42921	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.021	7.026	-0.005	78	52955	1.70	
148 Phenanthrene	178	7.187	7.192	-0.005	86	225065	0.9399	
149 Anthracene	178	7.224	7.229	-0.005	84	233887	0.9460	
151 Carbazole	167	7.326	7.331	-0.005	79	210584	0.9686	
154 Di-n-butyl phthalate	149	7.529	7.534	-0.005	100	258410	0.9536	
159 Fluoranthene	202	8.052	8.063	-0.011	98	257179	0.9167	
160 Benzidine	184	8.116	8.127	-0.011	98	147613	0.9750	
161 Pyrene	202	8.223	8.233	-0.010	95	265489	0.9415	
168 Butyl benzyl phthalate	149	8.629	8.655	-0.026	93	118431	0.9779	
172 3,3'-Dimethoxybenzidine	244	9.019	9.056	-0.037	86	64524	0.9177	
173 Bis(2-ethylhexyl) phthalate	149	9.035	9.072	-0.037	95	163656	0.9620	
174 4,4'-Methylene bis(2-chloroanili	231	9.051	9.088	-0.037	79	51426	0.9705	
175 3,3'-Dichlorobenzidine	252	9.056	9.093	-0.037	57	88605	0.9110	
177 Benzo[a]anthracene	228	9.104	9.141	-0.037	84	261314	0.9381	
178 Chrysene	228	9.131	9.174	-0.043	85	239586	0.9648	
180 Di-n-octyl phthalate	149	9.548	9.595	-0.047	99	267811	0.9347	
182 Benzo[b]fluoranthene	252	10.055	10.103	-0.048	90	256249	0.9769	
183 Benzo[k]fluoranthene	252	10.077	10.130	-0.053	90	222009	0.9218	
184 Benzo[a]pyrene	252	10.413	10.466	-0.053	71	217048	0.9530	
188 Indeno[1,2,3-cd]pyrene	276	11.930	12.004	-0.074	96	227370	0.9656	
189 Dibenz(a,h)anthracene	278	11.941	12.010	-0.069	48	190521	0.9682	M
190 Benzo[g,h,i]perylene	276	12.389	12.458	-0.069	91	188168	0.9502	
S 191 Methyl Phenols,Total	100				0		1.93	

QC Flag Legend

Review Flags
M - Manually Integrated

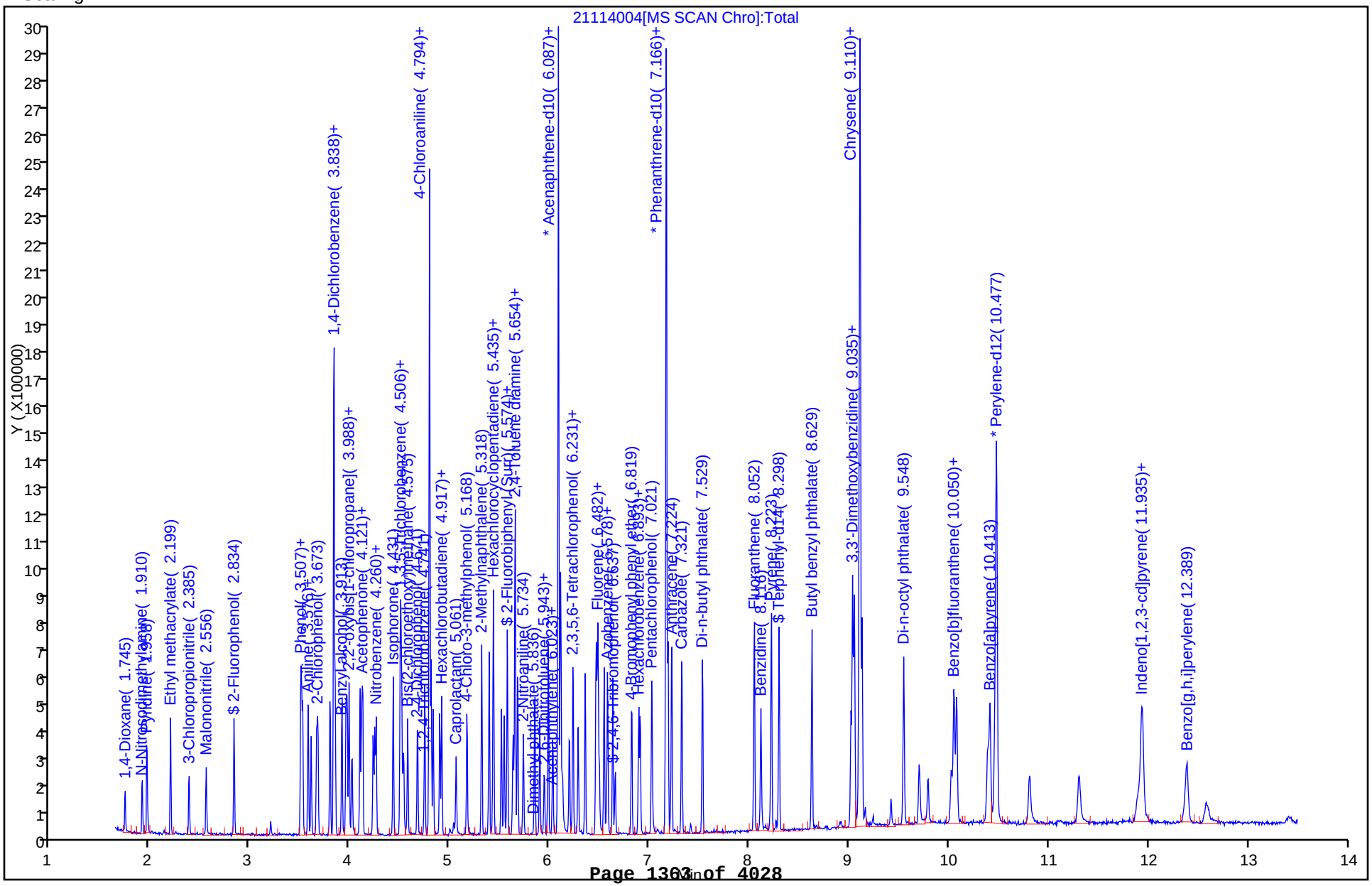
Report Date: 15-Nov-2012 07:40:18 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114004.D

Injection Date:	14-Nov-2012 12:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

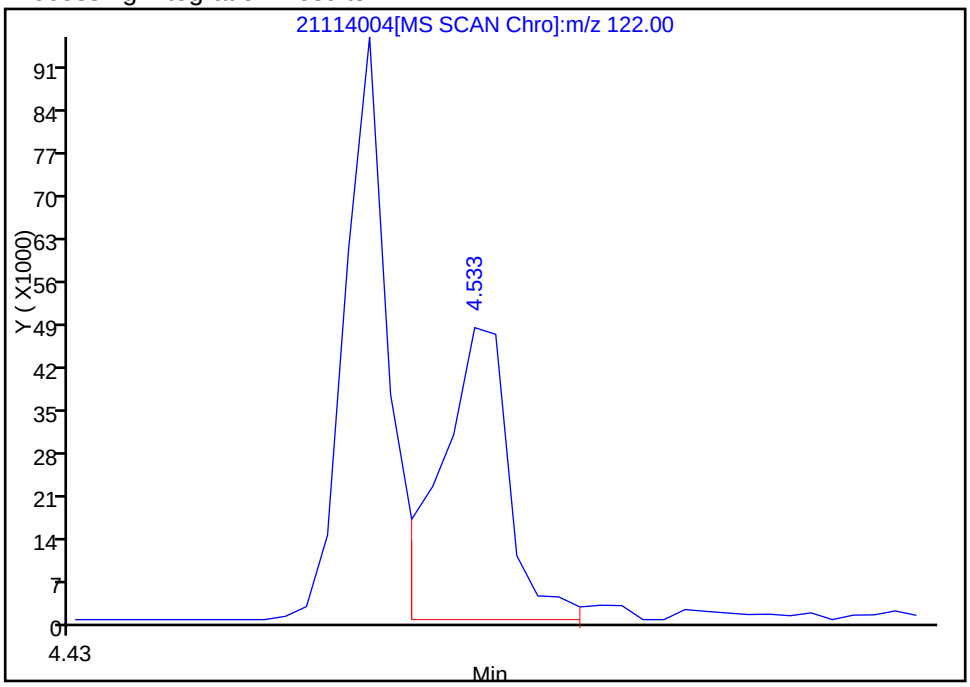
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114004.D		
Injection Date:	14-Nov-2012 12:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 4.57

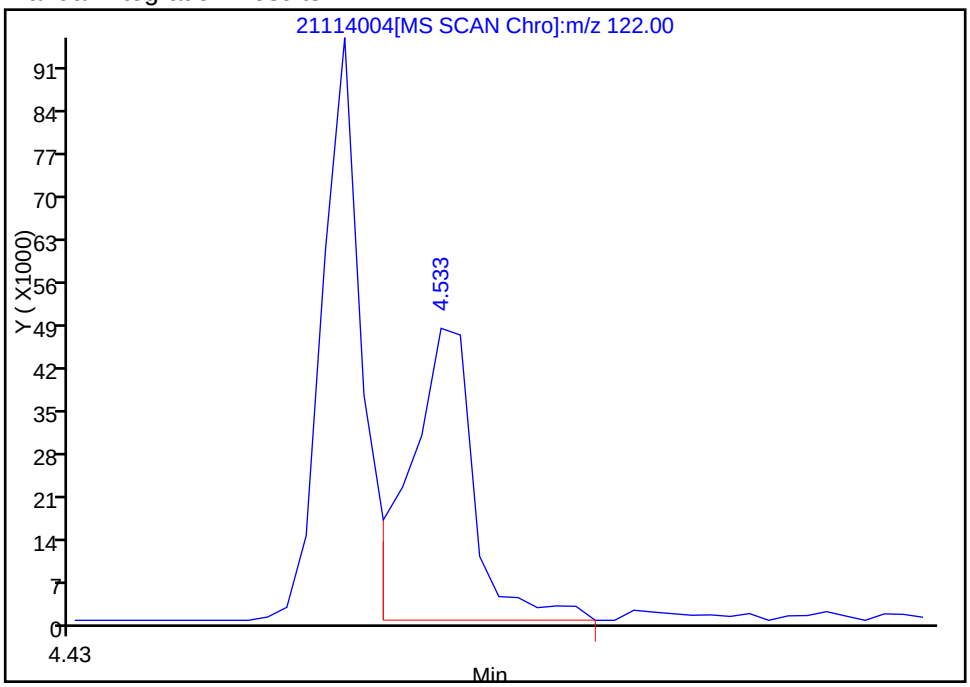
Processing Integration Results

RT: 4.53
Response: 58764
Amount: 1.622596



Manual Integration Results

RT: 4.53
Response: 60138
Amount: 2.109996



Reviewer: ulmanm, 14-Nov-2012 13:04:05
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

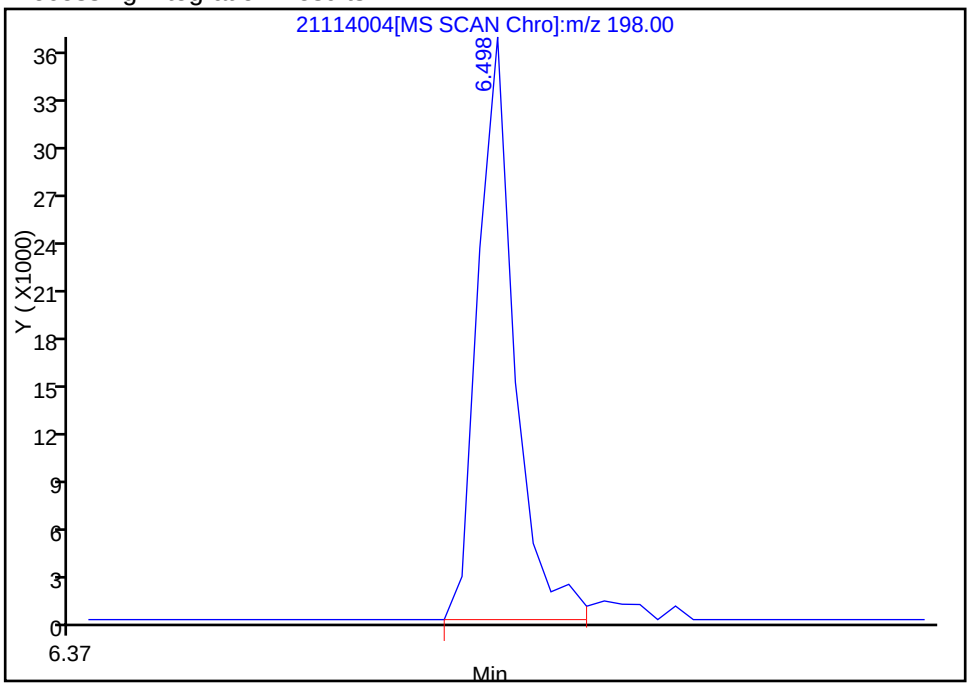
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114004.D		
Injection Date:	14-Nov-2012 12:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

128 4,6-Dinitro-2-methylphenol, Signal: 1, m/z: 198.0 Type: quant, RT: 6.50

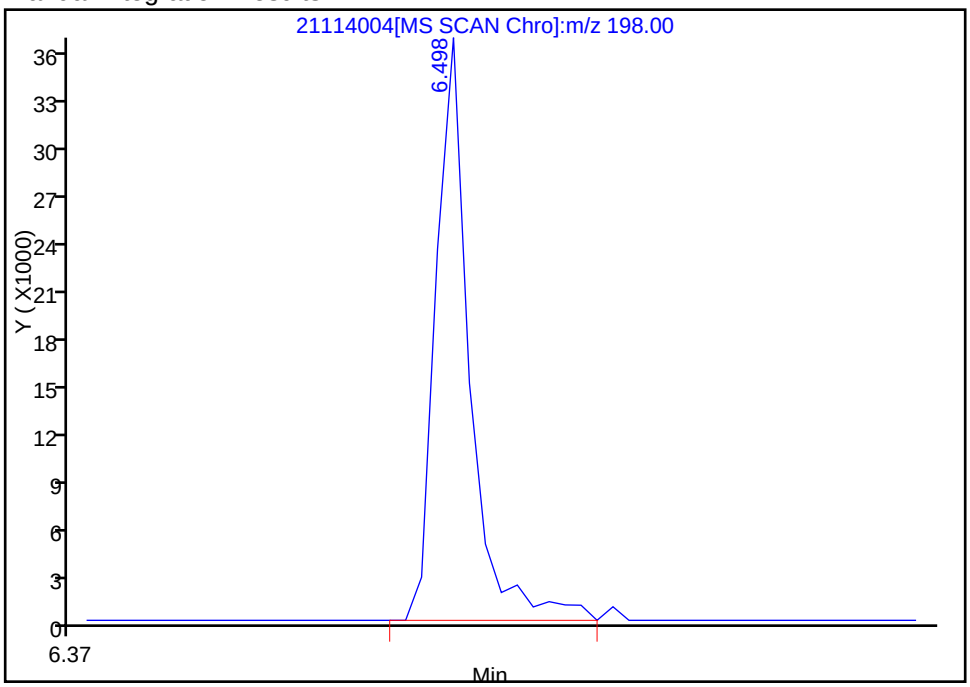
Processing Integration Results

RT: 6.50
Response: 28200
Amount: 0.906908



Manual Integration Results

RT: 6.50
Response: 29196
Amount: 0.861543



Reviewer: ulmanm, 14-Nov-2012 13:04:05
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

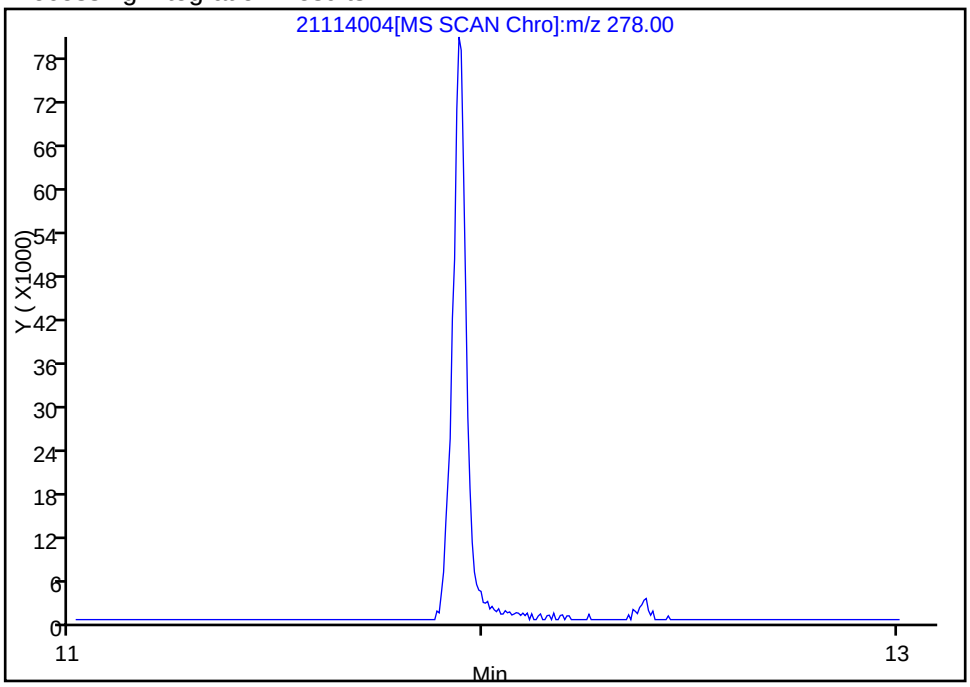
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114004.D		
Injection Date:	14-Nov-2012 12:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 12.01

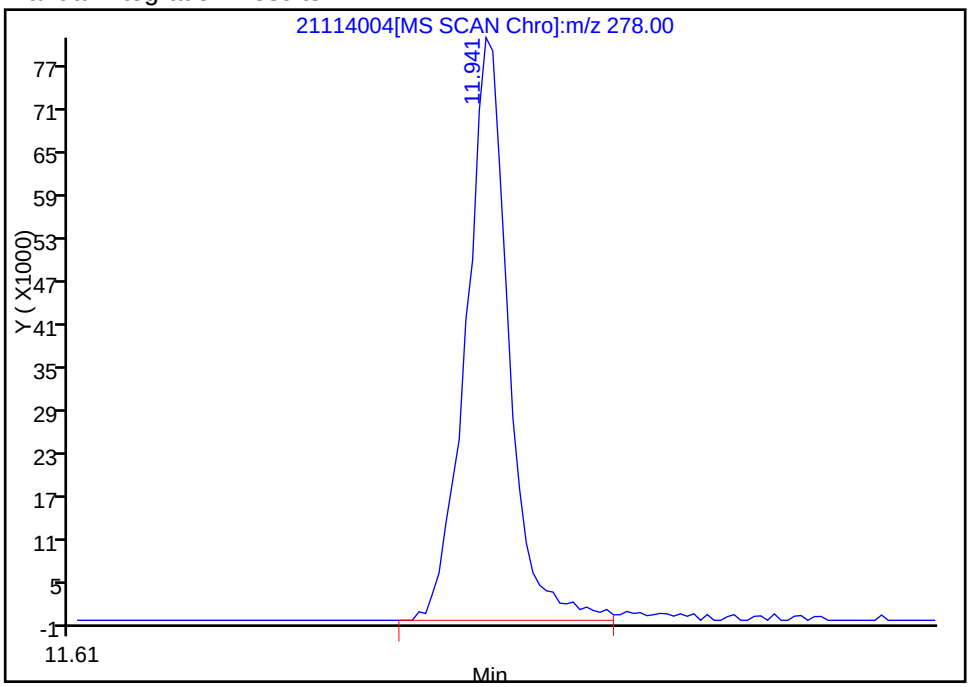
Processing Integration Results

Not Detected
Expected RT: 12.01



Manual Integration Results

RT: 11.94
Response: 190521
Amount: 0.968222



Reviewer: ulmanm, 14-Nov-2012 13:04:05
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114005.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	14-Nov-2012 12:37:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014932-005		
Misc. Info.:	ICV IND =ICV IND		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	64921	Lims Sample ID:	5
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:20	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 13:15:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.835	3.838	-0.003	88	198373	4.00	
* 2 Naphthalene-d8	136	4.796	4.799	-0.003	98	739321	4.00	
* 3 Acenaphthene-d10	164	6.089	6.092	-0.003	75	472735	4.00	
* 4 Phenanthrene-d10	188	7.168	7.171	-0.003	98	835516	4.00	
* 5 Chrysene-d12	240	9.123	9.152	-0.029	79	839931	4.00	
* 6 Perylene-d12	264	10.490	10.525	-0.035	93	675621	4.00	
$ 7 2-Fluorophenol	112	2.836	2.834	0.002	89	36719	0.4945	
$ 8 Phenol-d5	99	3.509	3.512	-0.003	0	50083	0.4719	
$ 9 Nitrobenzene-d5	82	4.246	4.249	-0.003	81	54551	0.4867	
$ 10 2-Fluorobiphenyl (Surr)	172	5.576	5.579	-0.003	97	78696	0.5004	
$ 11 2,4,6-Tribromophenol	330	6.655	6.663	-0.008	58	7773	0.4747	
$ 12 Terphenyl-d14	244	8.300	8.314	-0.014	95	77399	0.4793	
25 1,4-Dioxane	88	1.741	1.739	0.002	84	23008	0.5423	
26 N-Nitrosodimethylamine	74	1.912	1.910	0.002	76	35924	0.5178	
27 Pyridine	79	1.960	1.952	0.008	82	51914	0.4916	
28 Ethyl methacrylate	69	2.195	2.198	-0.003	77	49765	0.5331	
29 3-Chloropropionitrile	54	2.382	2.380	0.002	80	22962	0.5124	
33 Malononitrile	66	2.553	2.556	-0.003	78	56827	0.4986	
41 Benzaldehyde	77	3.504	3.501	0.003	86	47267	0.5635	
43 Phenol	94	3.520	3.523	-0.003	71	55896	0.4862	
44 Aniline	93	3.579	3.581	-0.002	94	72100	0.4976	
69 Bis(2-chloroethyl)ether	93	3.605	3.608	-0.003	89	47136	0.5094	
46 2-Chlorophenol	128	3.675	3.678	-0.003	88	32588	0.4844	
47 1,3-Dichlorobenzene	146	3.798	3.800	-0.002	89	37988	0.4905	
48 1,4-Dichlorobenzene	146	3.851	3.848	0.003	77	37187	0.4896	
49 Benzyl alcohol	108	3.915	3.918	-0.003	85	26906	0.4991	
50 1,2-Dichlorobenzene	146	3.969	3.971	-0.002	74	36222	0.4927	
51 2-Methylphenol	108	3.990	3.987	0.003	72	34722	0.4647	
53 2,2'-oxybis[1-chloropropane]	45	4.017	4.019	-0.002	96	39116	0.4831	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.097	4.099	-0.002	85	37605	0.4725	
57 N-Nitrosodi-n-propylamine	70	4.113	4.116	-0.003	66	39601	0.4911	
58 Acetophenone	105	4.123	4.126	-0.003	85	56528	0.4764	
61 Hexachloroethane	117	4.230	4.228	0.002	84	15084	0.4796	
62 Nitrobenzene	77	4.257	4.260	-0.003	80	56926	0.5131	
64 Isophorone	82	4.428	4.436	-0.008	94	99043	0.5072	
66 2-Nitrophenol	139	4.497	4.500	-0.003	75	17302	0.4700	
65 2,4-Dimethylphenol	107	4.508	4.505	0.003	94	45322	0.5036	
67 1,3,5-Trichlorobenzene	180	4.513	4.516	-0.003	87	33511	0.4958	
71 Benzoic acid	122		4.570					
70 Bis(2-chloroethoxy)methane	93	4.577	4.580	-0.003	96	52597	0.5101	
73 2,4-Dichlorophenol	162	4.674	4.676	-0.002	85	26974	0.4818	
74 1,2,4-Trichlorobenzene	180	4.748	4.751	-0.003	84	34703	0.5156	
75 Naphthalene	128	4.812	4.815	-0.003	65	93088	0.4853	
76 4-Chloroaniline	127	4.834	4.831	0.003	79	41029	0.4968	
79 Hexachlorobutadiene	225	4.898	4.901	-0.003	81	20524	0.5127	
80 1,2,3-Trichlorobenzene	180	4.919	4.917	0.002	78	30637	0	
84 Caprolactam	113	5.058	5.082	-0.024	73	12650	0.4889	
86 4-Chloro-3-methylphenol	107	5.170	5.173	-0.003	78	36485	0.4668	
87 2-Methylnaphthalene	142	5.320	5.323	-0.003	87	65102	0.5153	
88 1-Methylnaphthalene	142	5.395	5.397	-0.002	78	57828	0.4826	
90 1,2,3,5-Tetrachlorobenzene	216	5.432	5.435	-0.003	88	37416	0.5284	
89 Hexachlorocyclopentadiene	237	5.437	5.440	-0.003	85	22599	0.4789	
92 2,4,6-Trichlorophenol	196	5.517	5.520	-0.003	78	21205	0.4631	
93 2,4,5-Trichlorophenol	196	5.544	5.547	-0.003	87	23235	0.4742	
97 2,4-Toluene diamine	121	5.630	5.638	-0.008	94	28356	0.5183	
98 1,1'-Biphenyl	154	5.651	5.654	-0.003	91	78183	0.4908	
99 1,2,3,4 -Tetrachlorobenzene	216	5.651	5.659	-0.008	58	34320	0	
100 2-Chloronaphthalene	162	5.678	5.680	-0.002	98	62009	0.4850	
102 2-Nitroaniline	65	5.736	5.739	-0.003	51	25276	0.4632	
105 Dimethyl phthalate	163	5.849	5.857	-0.008	95	75695	0.5037	
107 2,6-Dinitrotoluene	165	5.902	5.905	-0.003	81	16390	0.4746	
108 1,2-Dinitrobenzene	168	5.945	5.953	-0.008	69	7413	0.4259	
109 Acenaphthylene	152	5.987	5.990	-0.003	90	101702	0.5017	
110 3-Nitroaniline	138	6.030	6.038	-0.008	76	16157	0.4540	
111 2,4-Dinitrophenol	184		6.108					
112 Acenaphthene	153	6.110	6.113	-0.003	90	62674	0.5006	
113 4-Nitrophenol	109	6.126	6.129	-0.003	70	11658	0.4504	
114 2,4-Dinitrotoluene	165	6.196	6.204	-0.008	70	21963	0.4701	
116 Dibenzofuran	168	6.233	6.236	-0.003	82	89972	0.4911	
118 2,3,5,6-Tetrachlorophenol	232		6.289					
121 Diethyl phthalate	149	6.356	6.359	-0.003	94	75029	0.5066	
123 4-Chlorophenyl phenyl ether	204	6.463	6.471	-0.008	91	40744	0.5031	
125 4-Nitroaniline	138	6.473	6.482	-0.009	75	16644	0.4357	
126 Fluorene	166	6.484	6.487	-0.003	67	74886	0.4834	
128 4,6-Dinitro-2-methylphenol	198	6.500	6.503	-0.003	63	12114	0.3833	M
131 N-Nitrosodiphenylamine	169	6.548	6.551	-0.003	97	59634	0.5160	
133 Azobenzene	77	6.580	6.583	-0.003	96	104116	0.4891	
132 1,2-Diphenylhydrazine	77	6.580	6.583	-0.003	97	104116	0.4891	
139 4-Bromophenyl phenyl ether	248	6.821	6.823	-0.002	67	20226	0.4782	
141 Hexachlorobenzene	284	6.890	6.898	-0.008	78	19224	0.4754	
142 Atrazine	200	6.906	6.914	-0.008	84	20464	0.5122	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.024	7.026	-0.002	79	21263	0.7315	
148 Phenanthrene	178	7.184	7.192	-0.008	94	110048	0.4927	
149 Anthracene	178	7.221	7.229	-0.008	86	113653	0.4929	
151 Carbazole	167	7.323	7.331	-0.008	83	96941	0.4781	
154 Di-n-butyl phthalate	149	7.531	7.534	-0.003	100	129343	0.5118	
159 Fluoranthene	202	8.049	8.063	-0.014	98	122997	0.4701	
160 Benzidine	184	8.119	8.127	-0.008	94	62479	0.4360	
161 Pyrene	202	8.225	8.233	-0.008	94	127178	0.4765	
168 Butyl benzyl phthalate	149	8.631	8.655	-0.024	91	55556	0.4846	
172 3,3'-Dimethoxybenzidine	244	9.032	9.056	-0.024	76	27181	0.4084	
173 Bis(2-ethylhexyl) phthalate	149	9.043	9.072	-0.029	94	82838	0.5144	
174 4,4'-Methylene bis(2-chloroanili	231	9.059	9.088	-0.029	67	23145	0.4615	
175 3,3'-Dichlorobenzidine	252	9.064	9.093	-0.029	53	45112	0.4900	
177 Benzo[a]anthracene	228	9.112	9.141	-0.029	83	129687	0.4918	
178 Chrysene	228	9.139	9.174	-0.035	90	114489	0.4871	
180 Di-n-octyl phthalate	149	9.561	9.595	-0.034	99	128472	0.4701	
182 Benzo[b]fluoranthene	252	10.063	10.103	-0.040	75	109322	0.4369	
183 Benzo[k]fluoranthene	252	10.089	10.130	-0.041	84	125787	0.5476	
184 Benzo[a]pyrene	252	10.426	10.466	-0.040	56	100288	0.4616	
188 Indeno[1,2,3-cd]pyrene	276	11.948	12.004	-0.056	92	104835	0.4668	
189 Dibenz(a,h)anthracene	278	11.959	12.010	-0.051	25	87752	0.4675	
190 Benzo[g,h,i]perylene	276	12.397	12.458	-0.061	73	88685	0.4695	
S 191 Methyl Phenols,Total	100				0		0.9372	

QC Flag Legend

Review Flags
M - Manually Integrated

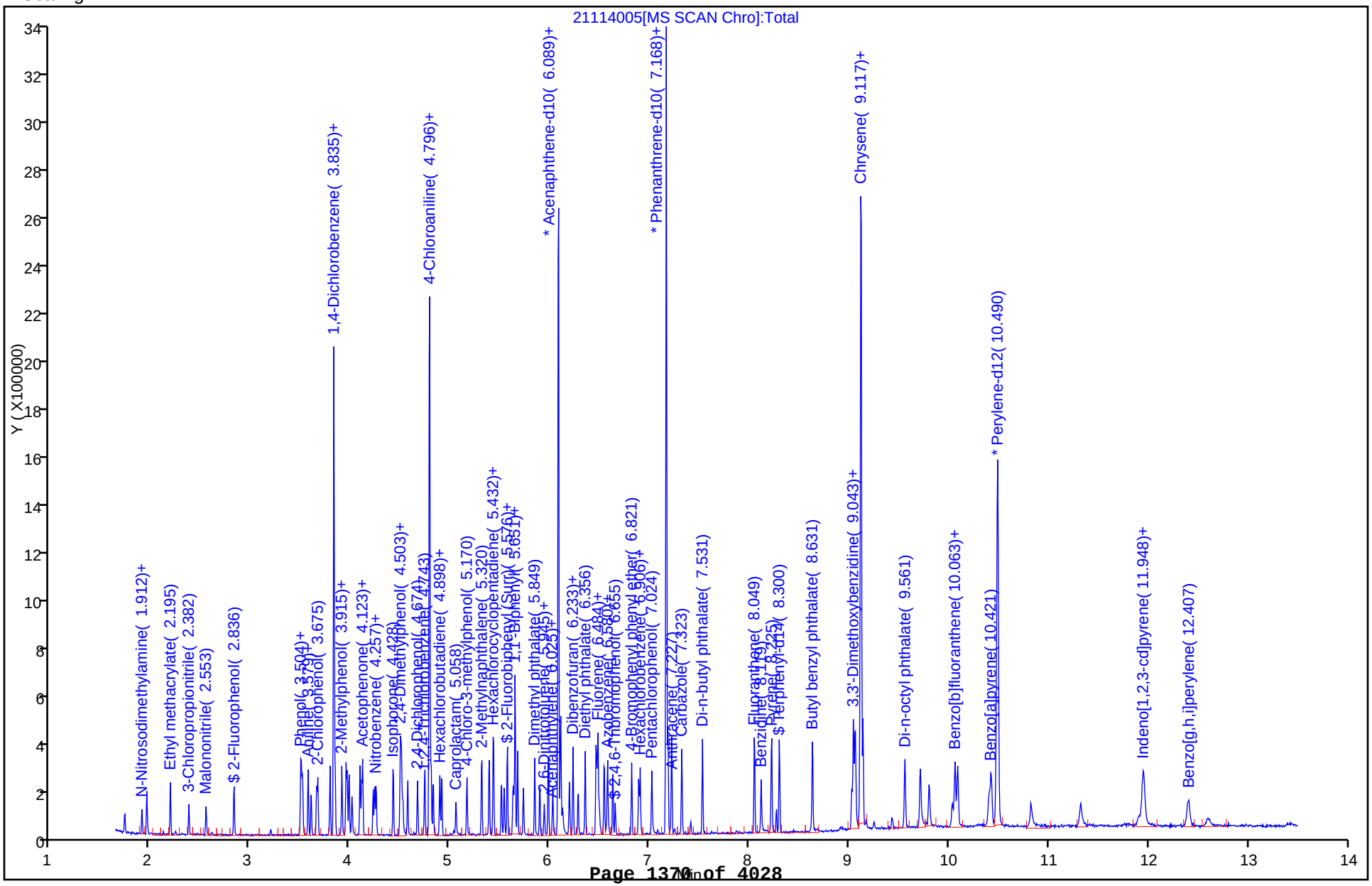
Report Date: 15-Nov-2012 07:40:20 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114005.D

Injection Date:	14-Nov-2012 12:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

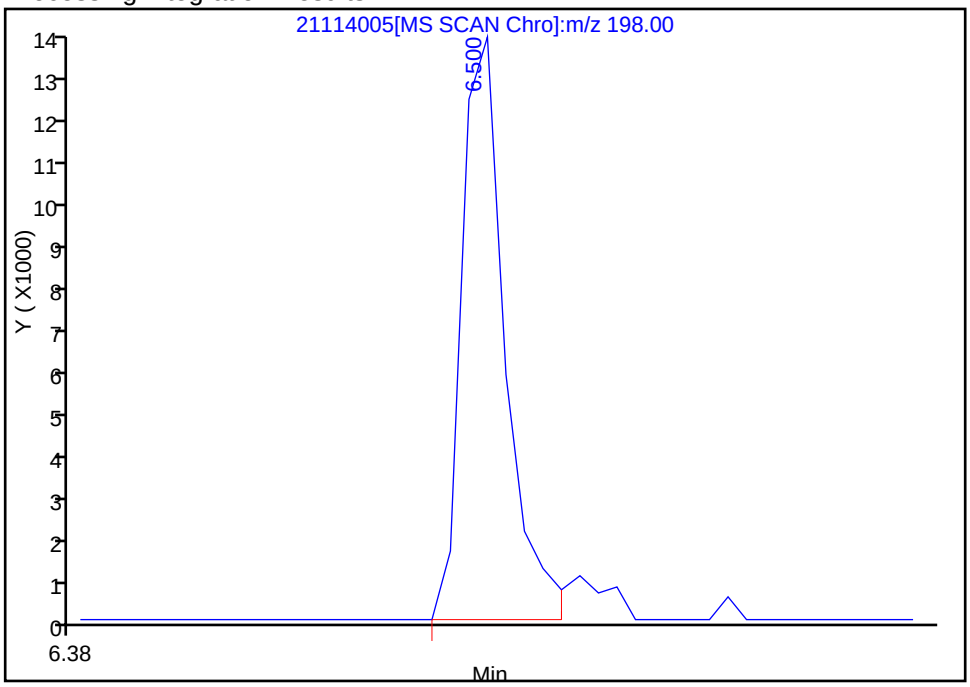
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114005.D		
Injection Date:	14-Nov-2012 12:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

128 4,6-Dinitro-2-methylphenol, Signal: 1, m/z: 198.0 Type: quant, RT: 6.50

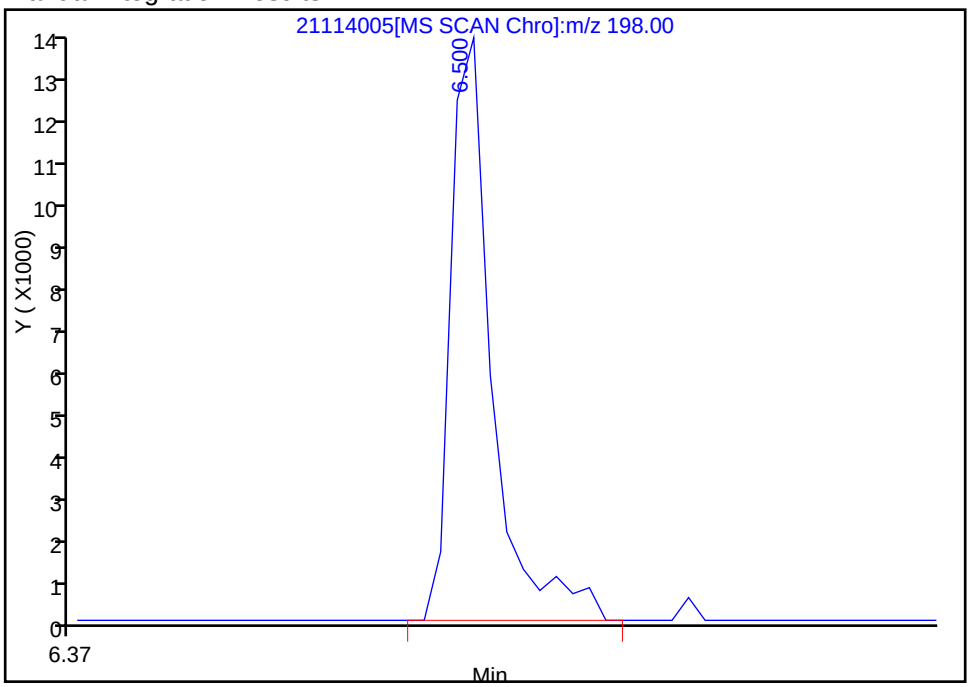
Processing Integration Results

RT: 6.50
Response: 11373
Amount: 0.411023



Manual Integration Results

RT: 6.50
Response: 12114
Amount: 0.383270



Reviewer: ulmanm, 14-Nov-2012 13:15:17
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114006.D
Lims ID: std1 tcl
Client ID:
Inject. Date: 14-Nov-2012 12:56:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 1
Sample ID: 240-0014932-006
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 6
Lims Batch ID: 64921
Lims Sample ID: 6
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m
Last Update: 15-Nov-2012 07:40:21
Calib Date: 14-Nov-2012 14:12:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: ulmanm
Date: 14-Nov-2012 13:28:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.838	3.838	0.0	86	206762	4.00	
* 2 Naphthalene-d8	136	4.794	4.799	-0.005	99	792850	4.00	
* 3 Acenaphthene-d10	164	6.086	6.092	-0.006	76	505992	4.00	
* 4 Phenanthrene-d10	188	7.170	7.171	-0.001	98	906784	4.00	
* 5 Chrysene-d12	240	9.120	9.152	-0.032	77	905221	4.00	
* 6 Perylene-d12	264	10.487	10.525	-0.038	93	731941	4.00	
$ 9 Nitrobenzene-d5	82	4.243	4.249	-0.006	58	12417	0.1033	
$ 10 2-Fluorobiphenyl (Surr)	172	5.573	5.579	-0.006	82	16512	0.0981	
$ 12 Terphenyl-d14	244	8.303	8.314	-0.011	66	17919	0.1030	
41 Benzaldehyde	77	3.506	3.501	0.005	79	9440	0.1080	
75 Naphthalene	128	4.810	4.815	-0.005	67	20470	0.0995	
87 2-Methylnaphthalene	142	5.317	5.323	-0.006	71	12022	0.0887	
88 1-Methylnaphthalene	142	5.392	5.397	-0.005	62	11643	0.0906	
98 1,1'-Biphenyl	154	5.654	5.654	0.0	74	17424	0.1022	
100 2-Chloronaphthalene	162	5.680	5.680	0.0	80	14250	0.1041	
109 Acenaphthylene	152	5.985	5.990	-0.005	79	20852	0.0961	
112 Acenaphthene	153	6.113	6.113	0.0	76	12526	0.0935	
116 Dibenzofuran	168	6.230	6.236	-0.006	79	20033	0.1022	
126 Fluorene	166	6.481	6.487	-0.006	76	17881	0.1078	
141 Hexachlorobenzene	284	6.893	6.898	-0.005	45	4997	0.1139	
148 Phenanthrene	178	7.186	7.192	-0.006	38	26053	0.1075	
149 Anthracene	178	7.224	7.229	-0.005	75	25743	0.1029	
159 Fluoranthene	202	8.052	8.063	-0.011	69	30244	0.1065	
161 Pyrene	202	8.223	8.233	-0.010	93	29578	0.1028	
177 Benzo[a]anthracene	228	9.109	9.141	-0.032	70	30911	0.1088	
178 Chrysene	228	9.141	9.174	-0.033	30	27370	0.1080	M
182 Benzo[b]fluoranthene	252	10.060	10.103	-0.043	70	26185	0.0966	
183 Benzo[k]fluoranthene	252	10.087	10.130	-0.043	67	25311	0.1017	
184 Benzo[a]pyrene	252	10.423	10.466	-0.043	42	23354	0.0992	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	11.945	12.004	-0.059	67	22100	0.0908	
189 Dibenz(a,h)anthracene	278	11.951	12.010	-0.059	18	18421	0.0906	
190 Benzo[g,h,i]perylene	276	12.399	12.458	-0.059	68	20967	0.1025	M

QC Flag Legend

Review Flags
M - Manually Integrated

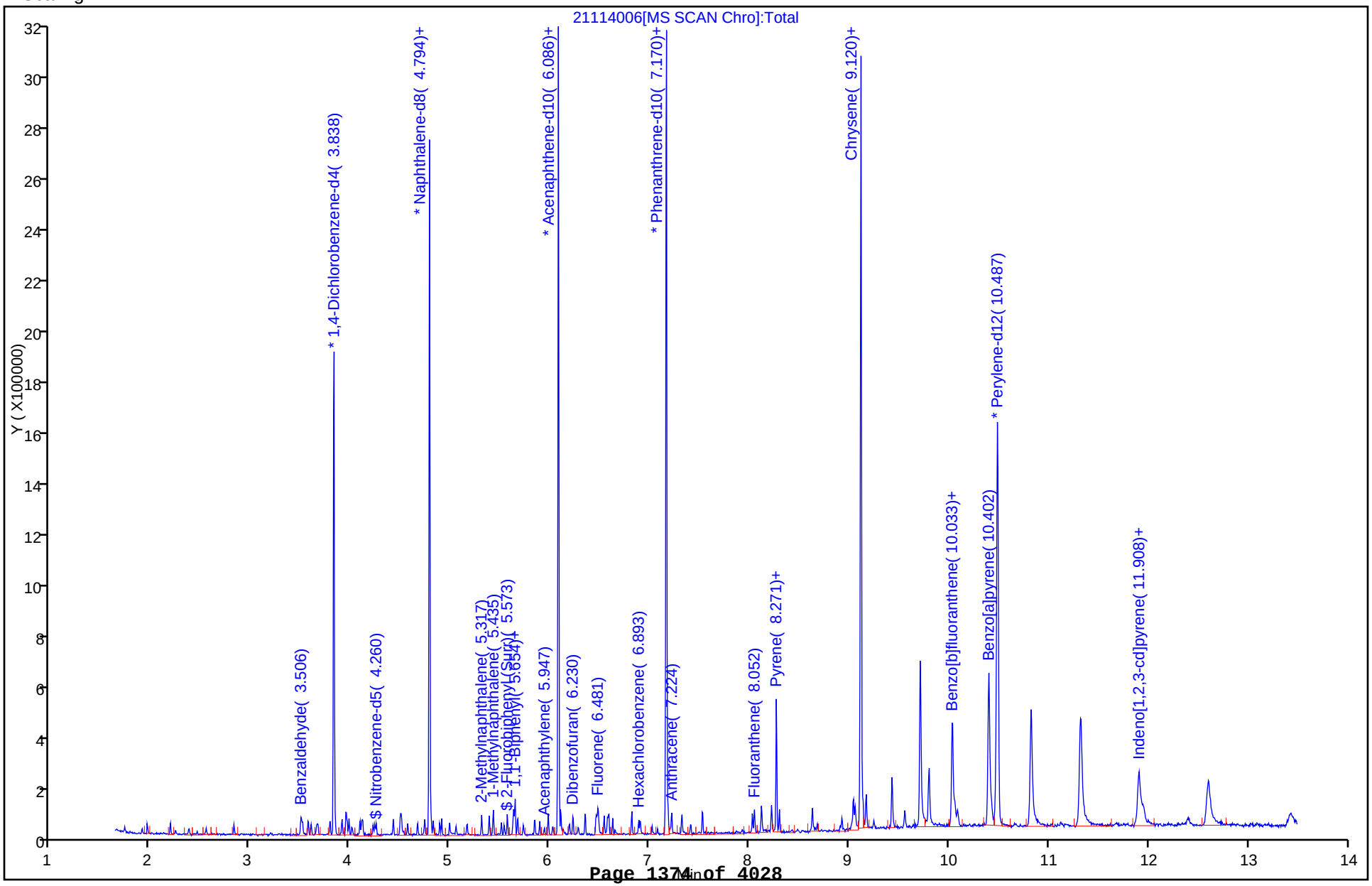
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114006.D

Injection Date:	14-Nov-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

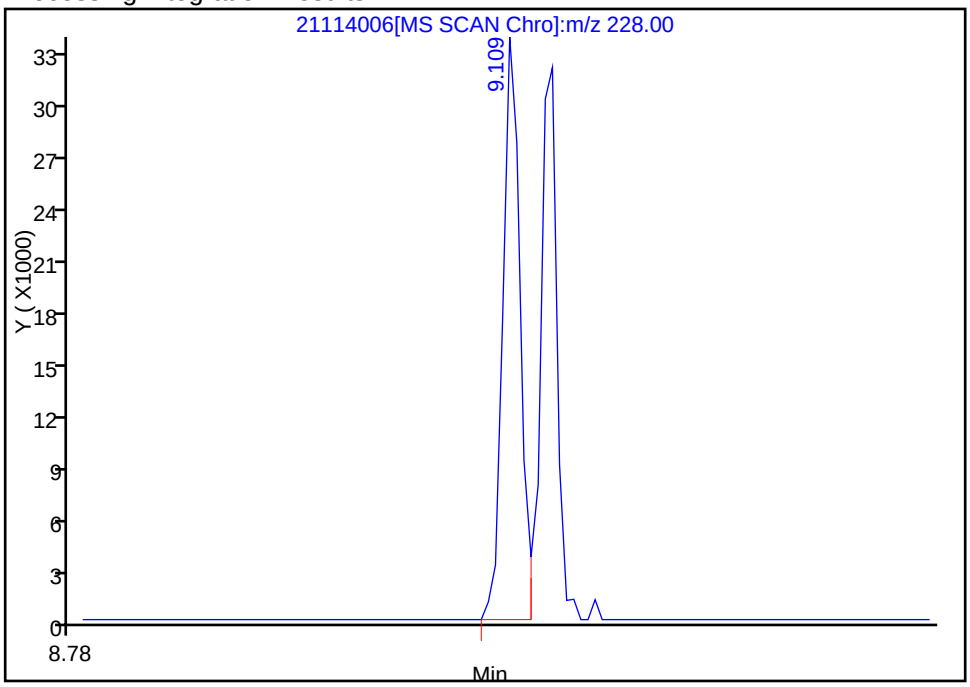
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114006.D		
Injection Date:	14-Nov-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene, Signal: 1, m/z: 228.0 Type: quant, RT: 9.17

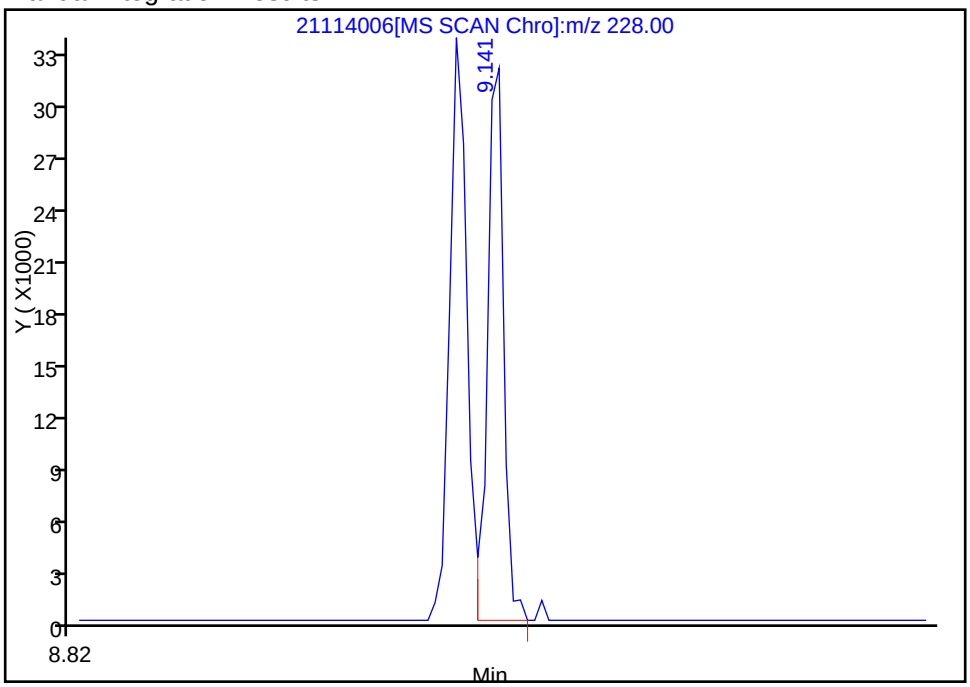
Processing Integration Results

RT: 9.11
Response: 30911
Amount: 0.119791



Manual Integration Results

RT: 9.14
Response: 27370
Amount: 0.108043



Reviewer: ulmanm, 14-Nov-2012 13:28:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

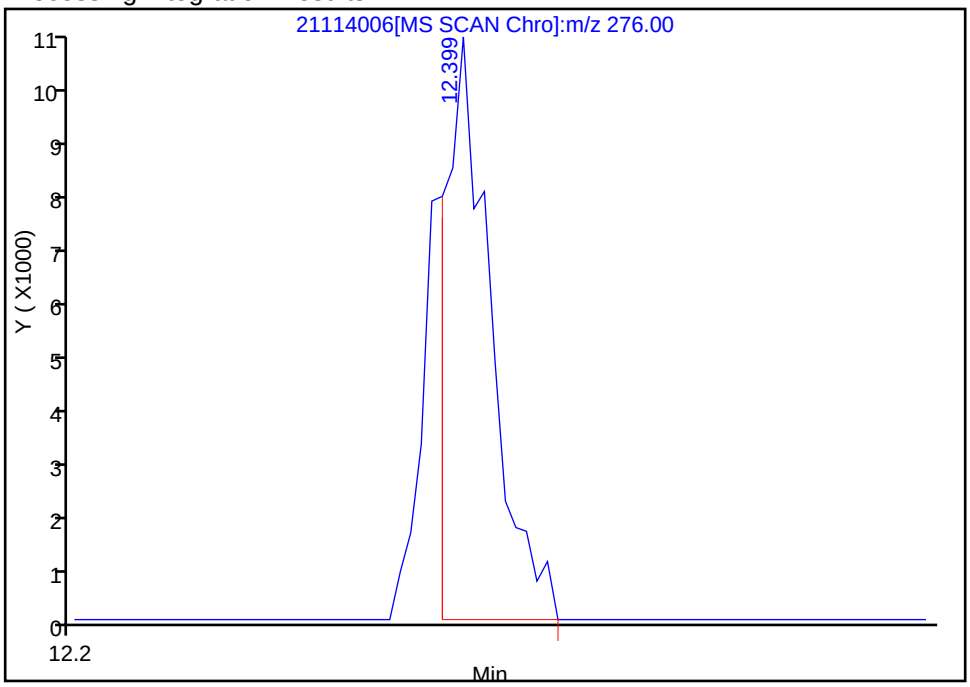
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114006.D		
Injection Date:	14-Nov-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 12.46

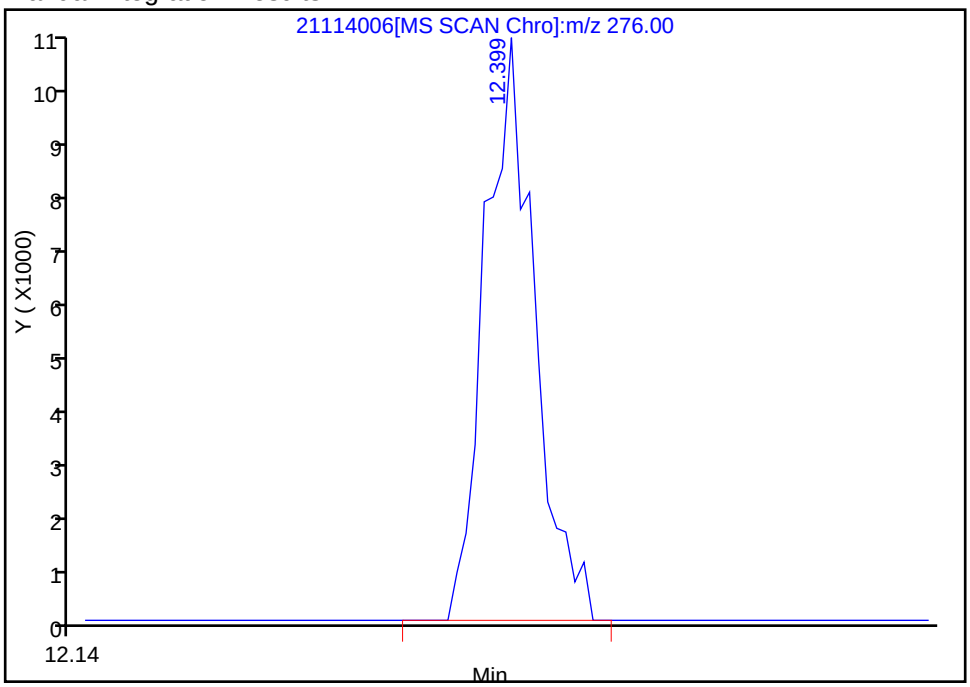
Processing Integration Results

RT: 12.40
Response: 16814
Amount: 0.087511



Manual Integration Results

RT: 12.40
Response: 20967
Amount: 0.102462



Reviewer: ulmanm, 14-Nov-2012 13:28:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114007.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	14-Nov-2012 13:15:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0014932-007		
Misc. Info.:	ICV IND =ICV IND		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	64921	Lims Sample ID:	7
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:23	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 14:03:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.841	3.838	0.003	90	183412	4.00	
* 2 Naphthalene-d8	136	4.802	4.799	0.003	99	713691	4.00	
* 3 Acenaphthene-d10	164	6.095	6.092	0.003	79	471487	4.00	
* 4 Phenanthrene-d10	188	7.174	7.171	0.003	97	847962	4.00	
* 5 Chrysene-d12	240	9.129	9.152	-0.023	79	860990	4.00	
* 6 Perylene-d12	264	10.491	10.525	-0.035	90	684051	4.00	
$ 7 2-Fluorophenol	112	2.837	2.834	0.003	93	1725126	25.1	
$ 8 Phenol-d5	99	3.526	3.512	0.014	0	2554181	26.0	
$ 9 Nitrobenzene-d5	82	4.257	4.249	0.008	82	2647672	24.5	
$ 10 2-Fluorobiphenyl (Surr)	172	5.582	5.579	0.003	98	4081766	26.0	
$ 11 2,4,6-Tribromophenol	330	6.666	6.663	0.003	79	439298	26.9	
$ 12 Terphenyl-d14	244	8.306	8.314	-0.008	97	4333185	26.2	
25 1,4-Dioxane	88	1.731	1.739	-0.008	78	941226	24.0	
26 N-Nitrosodimethylamine	74	1.913	1.910	0.003	81	1585723	24.7	
27 Pyridine	79	1.950	1.952	-0.002	92	2460081	25.2	
28 Ethyl methacrylate	69	2.196	2.198	-0.002	79	2087051	24.2	
29 3-Chloropropionitrile	54	2.388	2.380	0.008	84	1031492	24.9	
33 Malononitrile	66	2.570	2.556	0.014	78	2490105	23.6	
41 Benzaldehyde	77		3.501					
43 Phenol	94	3.536	3.523	0.013	92	2756941	25.9	
44 Aniline	93	3.590	3.581	0.009	83	3553631	26.5	
69 Bis(2-chloroethyl)ether	93	3.617	3.608	0.009	93	2158786	25.2	
46 2-Chlorophenol	128	3.686	3.678	0.008	94	1615132	26.0	
47 1,3-Dichlorobenzene	146	3.804	3.800	0.004	85	1826854	25.5	
48 1,4-Dichlorobenzene	146	3.852	3.848	0.004	86	1786190	25.4	
49 Benzyl alcohol	108	3.926	3.918	0.008	85	1298623	26.1	
50 1,2-Dichlorobenzene	146	3.974	3.971	0.003	83	1712518	25.2	
51 2-Methylphenol	108	3.996	3.987	0.009	95	1793702	26.0	
53 2,2'-oxybis[1-chloropropane]	45	4.022	4.019	0.003	98	1936691	25.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.119	4.099	0.020	93	1936921	26.3	
57 N-Nitrosodi-n-propylamine	70	4.135	4.116	0.019	69	1880888	25.2	
58 Acetophenone	105	4.135	4.126	0.009	88	2856149	26.0	
61 Hexachloroethane	117	4.231	4.228	0.003	91	723250	24.9	
62 Nitrobenzene	77	4.268	4.260	0.008	75	2704863	25.3	
64 Isophorone	82	4.444	4.436	0.008	94	4863428	25.8	
66 2-Nitrophenol	139	4.509	4.500	0.009	85	935805	26.3	
65 2,4-Dimethylphenol	107	4.514	4.505	0.009	97	2168785	25.0	
67 1,3,5-Trichlorobenzene	180	4.519	4.516	0.003	86	1704867	26.1	
71 Benzoic acid	122	4.653	4.570	0.083	50	2452486	49.8	M
70 Bis(2-chloroethoxy)methane	93	4.583	4.580	0.003	98	2539583	25.5	
73 2,4-Dichlorophenol	162	4.685	4.676	0.009	97	1427673	26.4	
74 1,2,4-Trichlorobenzene	180	4.754	4.751	0.003	87	1647841	25.4	
75 Naphthalene	128	4.818	4.815	0.003	97	4854263	26.2	
76 4-Chloroaniline	127	4.840	4.831	0.009	81	2120925	26.6	
79 Hexachlorobutadiene	225	4.904	4.901	0.003	85	974006	25.2	
80 1,2,3-Trichlorobenzene	180	4.925	4.917	0.008	84	1545642	0	
84 Caprolactam	113	5.123	5.082	0.041	79	643432	25.8	
86 4-Chloro-3-methylphenol	107	5.187	5.173	0.014	80	1982460	26.3	
87 2-Methylnaphthalene	142	5.326	5.323	0.003	85	3258872	26.7	
88 1-Methylnaphthalene	142	5.400	5.397	0.003	81	3102099	26.8	
90 1,2,3,5-Tetrachlorobenzene	216	5.443	5.435	0.008	92	1840469	26.1	
89 Hexachlorocyclopentadiene	237	5.443	5.440	0.003	78	1230798	26.1	
92 2,4,6-Trichlorophenol	196	5.523	5.520	0.003	86	1212748	26.6	
93 2,4,5-Trichlorophenol	196	5.555	5.547	0.008	93	1263260	25.8	
97 2,4-Toluene diamine	121		5.638					
98 1,1'-Biphenyl	154	5.662	5.654	0.008	95	4161613	26.2	
99 1,2,3,4 -Tetrachlorobenzene	216	5.662	5.659	0.003	91	1738114	0	
100 2-Chloronaphthalene	162	5.689	5.680	0.009	95	3319930	26.0	
102 2-Nitroaniline	65	5.748	5.739	0.009	72	1407189	25.9	
105 Dimethyl phthalate	163	5.865	5.857	0.008	96	3879515	25.9	
107 2,6-Dinitrotoluene	165	5.913	5.905	0.008	84	921564	26.8	
108 1,2-Dinitrobenzene	168	5.967	5.953	0.014	80	464517	26.8	
109 Acenaphthylene	152	5.993	5.990	0.003	84	5384784	26.6	
110 3-Nitroaniline	138	6.047	6.038	0.009	84	917743	25.9	
111 2,4-Dinitrophenol	184	6.122	6.108	0.014	70	1590032	49.7	
112 Acenaphthene	153	6.122	6.113	0.009	94	3333668	26.7	
113 4-Nitrophenol	109	6.148	6.129	0.019	86	709468	27.5	
114 2,4-Dinitrotoluene	165	6.212	6.204	0.008	84	1230894	26.4	
116 Dibenzofuran	168	6.244	6.236	0.008	78	4776084	26.1	
118 2,3,5,6-Tetrachlorophenol	232	6.292	6.289	0.003	86	1069620	27.0	
121 Diethyl phthalate	149	6.367	6.359	0.008	96	3821696	25.9	
123 4-Chlorophenyl phenyl ether	204	6.474	6.471	0.003	83	2149243	26.6	
125 4-Nitroaniline	138	6.495	6.482	0.013	63	1024063	26.9	
126 Fluorene	166	6.495	6.487	0.008	82	4071862	26.4	
128 4,6-Dinitro-2-methylphenol	198	6.517	6.503	0.014	77	925527	28.9	
131 N-Nitrosodiphenylamine	169	6.559	6.551	0.008	95	3106564	26.5	
133 Azobenzene	77	6.592	6.583	0.009	96	5650875	26.2	
132 1,2-Diphenylhydrazine	77	6.592	6.583	0.009	98	5650974	26.2	
139 4-Bromophenyl phenyl ether	248	6.832	6.823	0.009	64	1139405	26.5	
141 Hexachlorobenzene	284	6.901	6.898	0.003	86	1032094	25.1	
142 Atrazine	200		6.914					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.035	7.026	0.009	84	1729849	58.6	
148 Phenanthrene	178	7.195	7.192	0.003	86	5991808	26.4	
149 Anthracene	178	7.232	7.229	0.003	87	6096679	26.1	
151 Carbazole	167	7.334	7.331	0.003	82	5446003	26.5	
154 Di-n-butyl phthalate	149	7.537	7.534	0.003	100	6144634	24.0	
159 Fluoranthene	202	8.060	8.063	-0.003	99	6843727	25.8	
160 Benzidine	184	8.130	8.127	0.003	99	3785464	25.8	
161 Pyrene	202	8.231	8.233	-0.002	94	7003441	25.6	
168 Butyl benzyl phthalate	149	8.637	8.655	-0.018	93	3032617	25.8	
172 3,3'-Dimethoxybenzidine	244	9.038	9.056	-0.018	81	1838215	26.9	
173 Bis(2-ethylhexyl) phthalate	149	9.043	9.072	-0.029	95	4152624	25.2	
174 4,4'-Methylene bis(2-chloroanili	231	9.070	9.088	-0.018	86	1344684	26.2	
175 3,3'-Dichlorobenzidine	252	9.075	9.093	-0.018	64	2468605	26.2	
177 Benzo[a]anthracene	228	9.118	9.141	-0.023	88	7113494	26.3	
178 Chrysene	228	9.150	9.174	-0.024	93	6069885	25.2	
180 Di-n-octyl phthalate	149	9.561	9.595	-0.034	98	7500707	27.1	
182 Benzo[b]fluoranthene	252	10.079	10.103	-0.024	86	6994159	27.6	
183 Benzo[k]fluoranthene	252	10.106	10.130	-0.024	86	6007953	25.8	
184 Benzo[a]pyrene	252	10.442	10.466	-0.024	73	5951464	27.1	
188 Indeno[1,2,3-cd]pyrene	276	12.007	12.004	0.003	86	6361761	28.0	
189 Dibenz(a,h)anthracene	278	12.002	12.010	-0.008	70	5310553	27.9	
190 Benzo[g,h,i]perylene	276	12.451	12.458	-0.007	93	5175654	27.1	
S 191 Methyl Phenols,Total	100				0		52.3	

QC Flag Legend

Review Flags
M - Manually Integrated

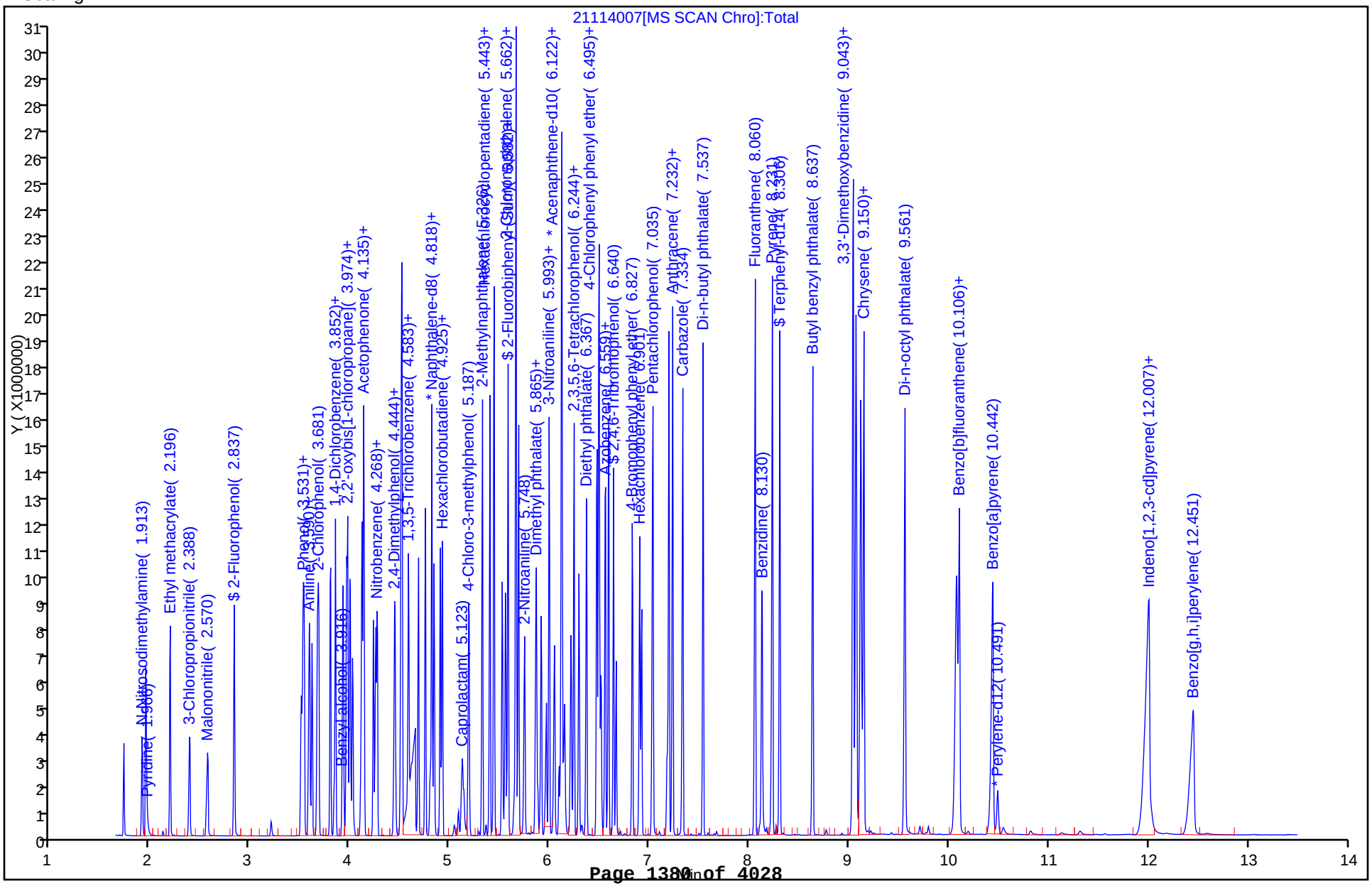
Report Date: 15-Nov-2012 07:40:23 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114007.D

Injection Date:	14-Nov-2012 13:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

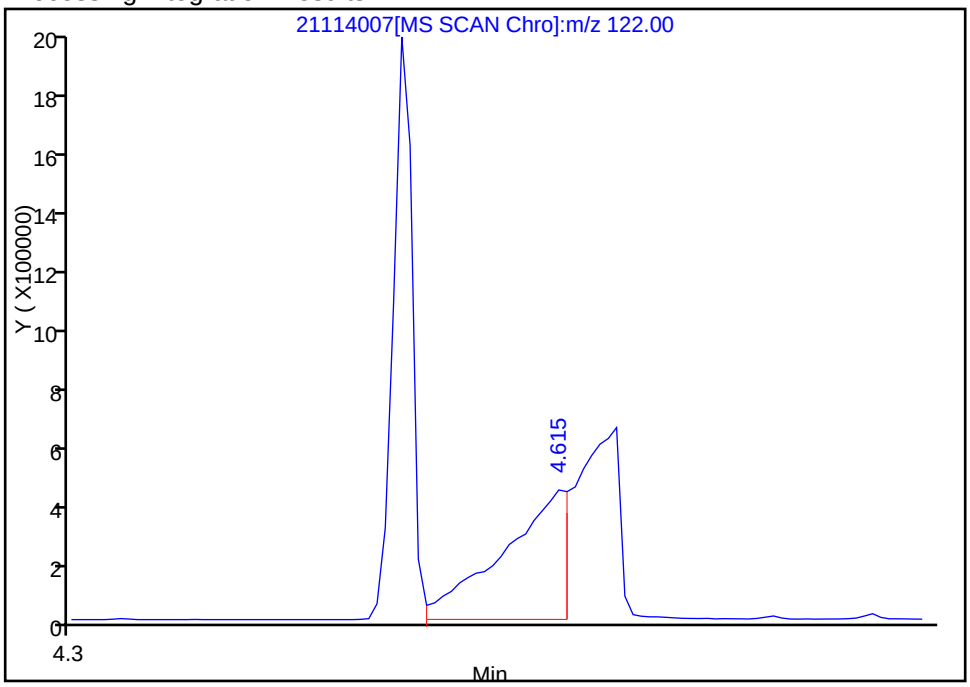
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114007.D		
Injection Date:	14-Nov-2012 13:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 4.57

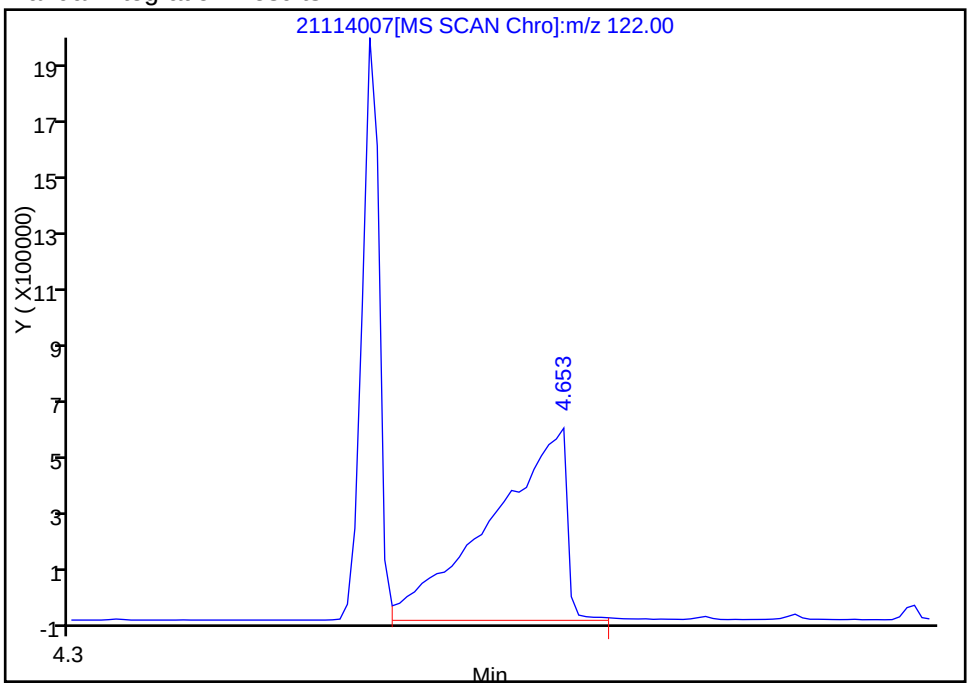
Processing Integration Results

RT: 4.62
Response: 1305929
Amount: 41.231570



Manual Integration Results

RT: 4.65
Response: 2452486
Amount: 49.763902



Reviewer: ulmanm, 14-Nov-2012 14:03:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	14-Nov-2012 13:34:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0014932-008		
Misc. Info.:	STD8 TCL =STD8 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	64921	Lims Sample ID:	8
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:24	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 14:11:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.838	3.838	0.0	93	172515	4.00	
* 2 Naphthalene-d8	136	4.799	4.799	0.0	99	669140	4.00	
* 3 Acenaphthene-d10	164	6.092	6.092	0.0	78	441596	4.00	
* 4 Phenanthrene-d10	188	7.171	7.171	0.0	96	800499	4.00	
* 5 Chrysene-d12	240	9.115	9.152	-0.037	78	806509	4.00	
* 6 Perylene-d12	264	10.477	10.525	-0.048	93	668724	4.00	
$ 7 2-Fluorophenol	112	2.839	2.834	0.005	94	1372448	21.3	
$ 8 Phenol-d5	99	3.523	3.512	0.011	0	1978728	21.4	
$ 9 Nitrobenzene-d5	82	4.255	4.249	0.006	84	2149336	21.2	
$ 10 2-Fluorobiphenyl (Surr)	172	5.579	5.579	0.0	99	3084538	21.0	
$ 11 2,4,6-Tribromophenol	330	6.664	6.663	0.001	80	333162	21.8	
$ 12 Terphenyl-d14	244	8.303	8.314	-0.011	97	3253950	21.0	
25 1,4-Dioxane	88	1.739	1.739	0.0	80	776127	21.0	
26 N-Nitrosodimethylamine	74	1.921	1.910	0.011	81	1257512	20.8	
27 Pyridine	79	1.958	1.952	0.006	92	1945174	21.2	
28 Ethyl methacrylate	69	2.198	2.198	0.0	80	1682820	20.7	
29 3-Chloropropionitrile	54	2.391	2.380	0.011	82	811597	20.8	
33 Malononitrile	66	2.572	2.556	0.016	78	1992150	20.1	
41 Benzaldehyde	77		3.501					
43 Phenol	94	3.534	3.523	0.011	93	2139223	21.4	
44 Aniline	93	3.587	3.581	0.006	94	2688278	21.3	
69 Bis(2-chloroethyl)ether	93	3.614	3.608	0.006	92	1649821	20.5	
46 2-Chlorophenol	128	3.683	3.678	0.005	93	1230822	21.0	
47 1,3-Dichlorobenzene	146	3.801	3.800	0.001	84	1399286	20.8	
48 1,4-Dichlorobenzene	146	3.854	3.848	0.006	88	1405722	21.3	
49 Benzyl alcohol	108	3.929	3.918	0.011	85	998382	21.3	
50 1,2-Dichlorobenzene	146	3.972	3.971	0.001	88	1340077	21.0	
51 2-Methylphenol	108	3.998	3.987	0.011	93	1394450	21.5	
53 2,2'-oxybis[1-chloropropane]	45	4.020	4.019	0.001	98	1480807	21.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.110	4.099	0.011	92	1464290	21.2	
57 N-Nitrosodi-n-propylamine	70	4.127	4.116	0.010	73	1445220	20.6	
58 Acetophenone	105	4.132	4.126	0.006	87	2211229	21.4	
61 Hexachloroethane	117	4.233	4.228	0.005	93	568264	20.8	
62 Nitrobenzene	77	4.265	4.260	0.005	75	2043725	20.4	
64 Isophorone	82	4.442	4.436	0.006	94	3705102	21.0	
66 2-Nitrophenol	139	4.506	4.500	0.006	82	708764	21.3	
65 2,4-Dimethylphenol	107	4.511	4.505	0.006	96	1696581	20.8	
67 1,3,5-Trichlorobenzene	180	4.516	4.516	0.0	88	1290892	21.1	
71 Benzoic acid	122	4.634	4.570	0.064	77	1791537	40.4	
70 Bis(2-chloroethoxy)methane	93	4.580	4.580	0.0	95	1937831	20.8	
73 2,4-Dichlorophenol	162	4.682	4.676	0.006	97	1079178	21.3	
74 1,2,4-Trichlorobenzene	180	4.751	4.751	0.0	88	1270758	20.9	
75 Naphthalene	128	4.816	4.815	0.001	99	3666918	21.1	
76 4-Chloroaniline	127	4.837	4.831	0.006	80	1502350	20.1	
79 Hexachlorobutadiene	225	4.901	4.901	0.0	87	753406	20.8	
80 1,2,3-Trichlorobenzene	180	4.922	4.917	0.005	81	1159977	0	
84 Caprolactam	113	5.115	5.082	0.033	81	507439	21.7	
86 4-Chloro-3-methylphenol	107	5.184	5.173	0.011	79	1525288	21.6	
87 2-Methylnaphthalene	142	5.323	5.323	0.0	85	2446209	21.4	
88 1-Methylnaphthalene	142	5.398	5.397	0.001	79	2323138	21.4	
90 1,2,3,5-Tetrachlorobenzene	216	5.440	5.435	0.005	93	1375680	20.8	
89 Hexachlorocyclopentadiene	237	5.440	5.440	0.0	77	937245	21.3	
92 2,4,6-Trichlorophenol	196	5.521	5.520	0.001	88	929163	21.7	
93 2,4,5-Trichlorophenol	196	5.553	5.547	0.006	93	963261	21.0	
97 2,4-Toluene diamine	121		5.638					
98 1,1'-Biphenyl	154	5.659	5.654	0.005	94	3162687	21.3	
99 1,2,3,4 -Tetrachlorobenzene	216	5.659	5.659	0.0	74	1321150	0	
100 2-Chloronaphthalene	162	5.686	5.680	0.006	96	2506597	21.0	
102 2-Nitroaniline	65	5.745	5.739	0.006	71	1084601	21.3	
105 Dimethyl phthalate	163	5.862	5.857	0.005	95	2956891	21.1	
107 2,6-Dinitrotoluene	165	5.910	5.905	0.005	84	695843	21.6	
108 1,2-Dinitrobenzene	168	5.958	5.953	0.005	79	351558	21.6	
109 Acenaphthylene	152	5.991	5.990	0.001	85	4039570	21.3	
110 3-Nitroaniline	138	6.044	6.038	0.006	84	713071	21.4	
111 2,4-Dinitrophenol	184	6.119	6.108	0.011	66	1184795	40.6	
112 Acenaphthene	153	6.119	6.113	0.006	89	2524581	21.6	
113 4-Nitrophenol	109	6.145	6.129	0.016	84	537177	22.2	
114 2,4-Dinitrotoluene	165	6.210	6.204	0.006	85	936756	21.5	
116 Dibenzofuran	168	6.242	6.236	0.006	83	3608566	21.1	
118 2,3,5,6-Tetrachlorophenol	232	6.290	6.289	0.001	86	828339	22.4	
121 Diethyl phthalate	149	6.364	6.359	0.005	96	2931572	21.2	
123 4-Chlorophenyl phenyl ether	204	6.471	6.471	0.0	87	1616992	21.4	
125 4-Nitroaniline	138	6.487	6.482	0.005	60	789781	22.1	
126 Fluorene	166	6.493	6.487	0.006	81	3078682	21.3	
128 4,6-Dinitro-2-methylphenol	198	6.509	6.503	0.006	84	713714	23.6	
131 N-Nitrosodiphenylamine	169	6.551	6.551	0.0	97	2350326	21.2	
133 Azobenzene	77	6.583	6.583	0.0	96	4253985	20.9	
132 1,2-Diphenylhydrazine	77	6.583	6.583	0.0	98	4254385	20.9	
139 4-Bromophenyl phenyl ether	248	6.829	6.823	0.006	63	853474	21.1	
141 Hexachlorobenzene	284	6.899	6.898	0.001	83	790947	20.4	
142 Atrazine	200	6.920	6.914	0.006	87	756685	19.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.032	7.026	0.006	84	1260860	45.3	
148 Phenanthrene	178	7.192	7.192	0.0	87	4527707	21.2	
149 Anthracene	178	7.230	7.229	0.001	86	4781792	21.6	
151 Carbazole	167	7.331	7.331	0.0	82	4136104	21.3	
154 Di-n-butyl phthalate	149	7.534	7.534	0.0	100	5134530	21.2	
159 Fluoranthene	202	8.058	8.063	-0.005	98	5455431	21.8	
160 Benzidine	184	8.122	8.127	-0.005	97	2883862	21.0	
161 Pyrene	202	8.228	8.233	-0.005	95	5468522	21.3	
168 Butyl benzyl phthalate	149	8.629	8.655	-0.026	93	2307855	21.0	
172 3,3'-Dimethoxybenzidine	244	9.024	9.056	-0.032	83	1394084	21.8	
173 Bis(2-ethylhexyl) phthalate	149	9.035	9.072	-0.037	95	3190001	20.6	
174 4,4'-Methylene bis(2-chloroanili	231	9.056	9.088	-0.032	85	1008670	20.9	
175 3,3'-Dichlorobenzidine	252	9.067	9.093	-0.026	68	1861684	21.1	
177 Benzo[a]anthracene	228	9.110	9.141	-0.031	85	5296654	20.9	
178 Chrysene	228	9.136	9.174	-0.038	94	4751819	21.1	
180 Di-n-octyl phthalate	149	9.548	9.595	-0.047	98	5777151	21.4	
182 Benzo[b]fluoranthene	252	10.066	10.103	-0.037	85	5591104	22.6	
183 Benzo[k]fluoranthene	252	10.092	10.130	-0.038	86	4530547	19.9	
184 Benzo[a]pyrene	252	10.424	10.466	-0.042	74	4566553	21.2	
188 Indeno[1,2,3-cd]pyrene	276	11.978	12.004	-0.026	87	4792786	21.6	
189 Dibenz(a,h)anthracene	278	11.978	12.010	-0.032	62	4021439	21.6	
190 Benzo[g,h,i]perylene	276	12.427	12.458	-0.031	89	3929312	21.0	
S 191 Methyl Phenols,Total	100				0		42.6	

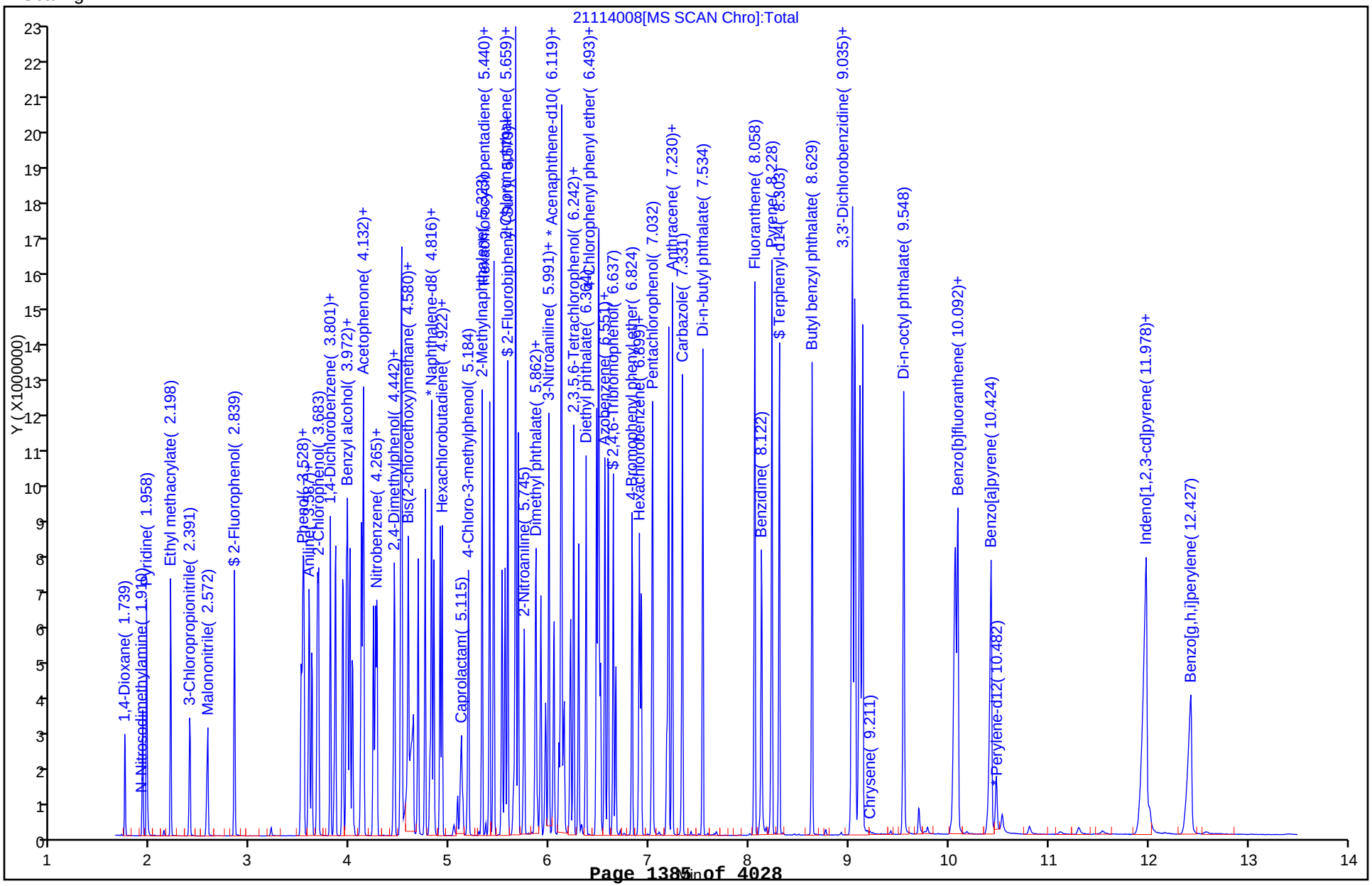
Report Date: 15-Nov-2012 07:40:24 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114008.D

Injection Date:	14-Nov-2012 13:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	14-Nov-2012 13:53:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0014932-009		
Misc. Info.:	STD7 TCL =STD7 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	64921	Lims Sample ID:	9
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:26	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 14:24:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.838	3.838	0.0	96	194329	4.00	
* 2 Naphthalene-d8	136	4.799	4.799	0.0	99	749677	4.00	
* 3 Acenaphthene-d10	164	6.092	6.092	0.0	75	506260	4.00	
* 4 Phenanthrene-d10	188	7.171	7.171	0.0	96	921350	4.00	
* 5 Chrysene-d12	240	9.125	9.152	-0.027	93	927673	4.00	
* 6 Perylene-d12	264	10.487	10.525	-0.038	91	766722	4.00	
$ 7 2-Fluorophenol	112	2.834	2.834	0.0	92	1074897	14.8	
$ 8 Phenol-d5	99	3.523	3.512	0.011	0	1575549	15.2	
$ 9 Nitrobenzene-d5	82	4.249	4.249	0.0	82	1590785	14.0	
$ 10 2-Fluorobiphenyl (Surr)	172	5.579	5.579	0.0	100	2454462	14.6	
$ 11 2,4,6-Tribromophenol	330	6.663	6.663	0.0	79	261292	14.9	
$ 12 Terphenyl-d14	244	8.303	8.314	-0.011	97	2696568	15.1	
25 1,4-Dioxane	88	1.733	1.739	-0.006	79	612624	14.7	
26 N-Nitrosodimethylamine	74	1.915	1.910	0.005	83	1013842	14.9	
27 Pyridine	79	1.952	1.952	0.0	91	1548890	15.0	
28 Ethyl methacrylate	69	2.193	2.198	-0.005	80	1341098	14.7	
29 3-Chloropropionitrile	54	2.385	2.380	0.005	83	651313	14.8	
33 Malononitrile	66	2.567	2.556	0.011	78	1677950	15.0	
41 Benzaldehyde	77	3.507	3.501	0.006	85	873695	10.6	
43 Phenol	94	3.533	3.523	0.010	76	1681094	14.9	
44 Aniline	93	3.587	3.581	0.006	94	2144618	15.1	
69 Bis(2-chloroethyl)ether	93	3.613	3.608	0.005	92	1310054	14.5	
46 2-Chlorophenol	128	3.683	3.678	0.005	89	986162	15.0	
47 1,3-Dichlorobenzene	146	3.800	3.800	0.0	86	1127061	14.9	
48 1,4-Dichlorobenzene	146	3.848	3.848	0.0	79	1099223	14.8	
49 Benzyl alcohol	108	3.923	3.918	0.005	85	793729	15.0	
50 1,2-Dichlorobenzene	146	3.971	3.971	0.0	81	1066506	14.8	
51 2-Methylphenol	108	3.993	3.987	0.006	92	1080934	14.8	
53 2,2'-oxybis[1-chloropropane]	45	4.019	4.019	0.0	98	1183019	14.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.110	4.099	0.011	92	1168321	15.0	
57 N-Nitrosodi-n-propylamine	70	4.126	4.116	0.010	72	1156250	14.6	
58 Acetophenone	105	4.132	4.126	0.006	87	1720639	14.8	
61 Hexachloroethane	117	4.233	4.228	0.005	93	458892	14.9	
62 Nitrobenzene	77	4.265	4.260	0.005	76	1643544	14.6	
64 Isophorone	82	4.441	4.436	0.005	94	2965628	15.0	
66 2-Nitrophenol	139	4.505	4.500	0.005	84	567268	15.2	
65 2,4-Dimethylphenol	107	4.511	4.505	0.006	97	1343424	14.7	
67 1,3,5-Trichlorobenzene	180	4.516	4.516	0.0	88	1038405	15.2	
71 Benzoic acid	122	4.623	4.570	0.053	78	1426737	30.2	
70 Bis(2-chloroethoxy)methane	93	4.580	4.580	0.0	95	1528700	14.6	
73 2,4-Dichlorophenol	162	4.682	4.676	0.006	93	860739	15.2	
74 1,2,4-Trichlorobenzene	180	4.751	4.751	0.0	85	995140	14.6	
75 Naphthalene	128	4.815	4.815	0.0	97	2919974	15.0	
76 4-Chloroaniline	127	4.837	4.831	0.006	81	1218219	14.5	
79 Hexachlorobutadiene	225	4.901	4.901	0.0	86	592614	14.6	
80 1,2,3-Trichlorobenzene	180	4.922	4.917	0.005	86	932373	0	
84 Caprolactam	113	5.109	5.082	0.027	78	404351	15.4	
86 4-Chloro-3-methylphenol	107	5.184	5.173	0.011	82	1209128	15.3	
87 2-Methylnaphthalene	142	5.323	5.323	0.0	86	1945919	15.2	
88 1-Methylnaphthalene	142	5.397	5.397	0.0	80	1843773	15.2	
90 1,2,3,5-Tetrachlorobenzene	216	5.440	5.435	0.005	93	1084654	14.3	
89 Hexachlorocyclopentadiene	237	5.440	5.440	0.0	76	720639	14.3	
92 2,4,6-Trichlorophenol	196	5.520	5.520	0.0	90	729480	14.9	
93 2,4,5-Trichlorophenol	196	5.552	5.547	0.005	93	770175	14.7	
97 2,4-Toluene diamine	121		5.638					
98 1,1'-Biphenyl	154	5.659	5.654	0.005	95	2520666	14.8	
99 1,2,3,4 -Tetrachlorobenzene	216	5.659	5.659	0.0	61	1048379	0	
100 2-Chloronaphthalene	162	5.686	5.680	0.006	96	1988357	14.5	
102 2-Nitroaniline	65	5.745	5.739	0.006	72	866881	14.8	
105 Dimethyl phthalate	163	5.857	5.857	0.0	95	2394547	14.9	
107 2,6-Dinitrotoluene	165	5.910	5.905	0.005	84	557758	15.1	
108 1,2-Dinitrobenzene	168	5.958	5.953	0.005	80	285999	15.3	
109 Acenaphthylene	152	5.990	5.990	0.0	85	3249357	15.0	
110 3-Nitroaniline	138	6.044	6.038	0.006	86	567302	14.9	
111 2,4-Dinitrophenol	184	6.118	6.108	0.010	59	974422	30.1	
112 Acenaphthene	153	6.118	6.113	0.005	88	2004992	15.0	
113 4-Nitrophenol	109	6.140	6.129	0.011	83	425767	15.4	
114 2,4-Dinitrotoluene	165	6.209	6.204	0.005	87	759842	15.2	
116 Dibenzofuran	168	6.241	6.236	0.005	83	2873922	14.6	
118 2,3,5,6-Tetrachlorophenol	232	6.289	6.289	0.0	87	660761	15.6	
121 Diethyl phthalate	149	6.364	6.359	0.005	96	2353991	14.8	
123 4-Chlorophenyl phenyl ether	204	6.471	6.471	0.0	83	1289138	14.9	
125 4-Nitroaniline	138	6.487	6.482	0.005	59	622939	15.2	
126 Fluorene	166	6.487	6.487	0.0	84	2442356	14.7	
128 4,6-Dinitro-2-methylphenol	198	6.508	6.503	0.005	83	559475	16.1	
131 N-Nitrosodiphenylamine	169	6.551	6.551	0.0	98	1876683	14.7	
133 Azobenzene	77	6.583	6.583	0.0	96	3436616	14.6	
132 1,2-Diphenylhydrazine	77	6.583	6.583	0.0	98	3436638	14.6	
139 4-Bromophenyl phenyl ether	248	6.829	6.823	0.006	65	691319	14.8	
141 Hexachlorobenzene	284	6.898	6.898	0.0	83	655912	14.7	
142 Atrazine	200	6.914	6.914	0.0	86	606053	13.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.032	7.026	0.006	85	1064112	33.2	
148 Phenanthrene	178	7.192	7.192	0.0	98	3649803	14.8	
149 Anthracene	178	7.229	7.229	0.0	86	3822892	15.0	
151 Carbazole	167	7.331	7.331	0.0	82	3371606	15.1	
154 Di-n-butyl phthalate	149	7.534	7.534	0.0	100	4221342	15.1	
159 Fluoranthene	202	8.057	8.063	-0.006	98	4450314	15.4	
160 Benzidine	184	8.121	8.127	-0.006	98	2384177	15.1	
161 Pyrene	202	8.228	8.233	-0.005	95	4486347	15.2	
168 Butyl benzyl phthalate	149	8.634	8.655	-0.021	93	1874010	14.8	
172 3,3'-Dimethoxybenzidine	244	9.029	9.056	-0.027	83	1191906	16.2	
173 Bis(2-ethylhexyl) phthalate	149	9.040	9.072	-0.032	95	2605256	14.6	
174 4,4'-Methylene bis(2-chloroanili	231	9.061	9.088	-0.027	81	821651	14.8	
175 3,3'-Dichlorobenzidine	252	9.072	9.093	-0.021	63	1537114	15.1	
177 Benzo[a]anthracene	228	9.115	9.141	-0.026	89	4308859	14.8	
178 Chrysene	228	9.147	9.174	-0.027	93	3812893	14.7	
180 Di-n-octyl phthalate	149	9.558	9.595	-0.037	98	4671567	15.1	
182 Benzo[b]fluoranthene	252	10.071	10.103	-0.032	86	4429778	15.6	
183 Benzo[k]fluoranthene	252	10.098	10.130	-0.032	86	3657700	14.0	
184 Benzo[a]pyrene	252	10.434	10.466	-0.032	74	3719089	15.1	
188 Indeno[1,2,3-cd]pyrene	276	11.988	12.004	-0.016	85	3856110	15.1	
189 Dibenz(a,h)anthracene	278	11.988	12.010	-0.022	65	3234456	15.2	
190 Benzo[g,h,i]perylene	276	12.432	12.458	-0.026	91	3154779	14.7	
S 191 Methyl Phenols,Total	100				0		29.8	

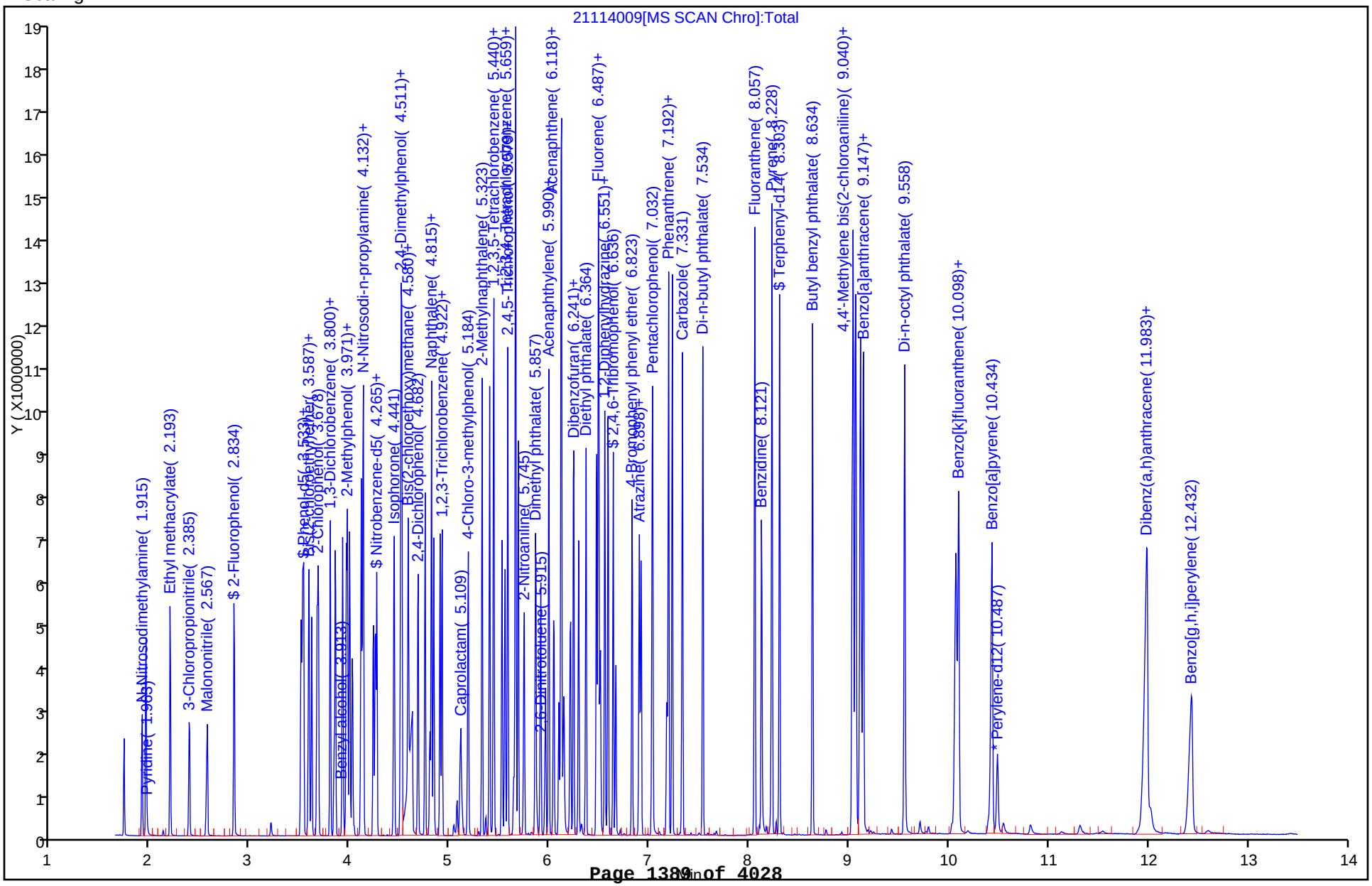
Report Date: 15-Nov-2012 07:40:26 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114009.D

Injection Date:	14-Nov-2012 13:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	14-Nov-2012 14:12:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0014932-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	64921	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:27	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 14:45:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.839	3.839	0.0	96	161662	4.00	
* 2 Naphthalene-d8	136	4.795	4.795	0.0	98	626906	4.00	
* 3 Acenaphthene-d10	164	6.087	6.087	0.0	80	409669	4.00	
* 4 Phenanthrene-d10	188	7.172	7.172	0.0	99	740612	4.00	
* 5 Chrysene-d12	240	9.116	9.116	0.0	81	720916	4.00	
* 6 Perylene-d12	264	10.483	10.483	0.0	94	594168	4.00	
$ 7 2-Fluorophenol	112	2.835	2.835	0.0	92	618376	10.2	
$ 8 Phenol-d5	99	3.518	3.518	0.0	0	879128	10.2	
$ 9 Nitrobenzene-d5	82	4.250	4.250	0.0	84	971224	10.2	
$ 10 2-Fluorobiphenyl (Surr)	172	5.575	5.575	0.0	99	1346058	9.88	
$ 11 2,4,6-Tribromophenol	330	6.659	6.659	0.0	77	145725	10.3	
$ 12 Terphenyl-d14	244	8.299	8.299	0.0	97	1419418	10.2	
25 1,4-Dioxane	88	1.740	1.740	0.0	79	343186	9.93	
26 N-Nitrosodimethylamine	74	1.911	1.911	0.0	85	553132	9.78	
27 Pyridine	79	1.953	1.953	0.0	91	877444	10.2	
28 Ethyl methacrylate	69	2.194	2.194	0.0	80	746971	9.82	
29 3-Chloropropionitrile	54	2.386	2.386	0.0	80	356061	9.75	
33 Malononitrile	66	2.562	2.562	0.0	78	931445	10.0	
41 Benzaldehyde	77	3.502	3.502	0.0	81	615486	9.00	
43 Phenol	94	3.529	3.529	0.0	86	933585	9.96	
44 Aniline	93	3.582	3.582	0.0	94	1163522	9.85	
69 Bis(2-chloroethyl)ether	93	3.609	3.609	0.0	92	765620	10.2	
46 2-Chlorophenol	128	3.679	3.679	0.0	91	549092	10.0	
47 1,3-Dichlorobenzene	146	3.796	3.796	0.0	90	630943	10.0	
48 1,4-Dichlorobenzene	146	3.850	3.850	0.0	80	622476	10.1	
49 Benzyl alcohol	108	3.919	3.919	0.0	84	439538	10.0	
50 1,2-Dichlorobenzene	146	3.972	3.972	0.0	85	588668	9.83	
51 2-Methylphenol	108	3.988	3.988	0.0	87	618780	10.2	
53 2,2'-oxybis[1-chloropropane]	45	4.020	4.020	0.0	99	674680	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	4.106	4.106	0.0	91	647034	9.98	
57 N-Nitrosodi-n-propylamine	70	4.122	4.122	0.0	70	658529	10.0	
58 Acetophenone	105	4.127	4.127	0.0	84	975778	10.1	
61 Hexachloroethane	117	4.229	4.229	0.0	91	257044	10.0	
62 Nitrobenzene	77	4.261	4.261	0.0	75	944160	10.0	
64 Isophorone	82	4.437	4.437	0.0	94	1654917	10.0	
66 2-Nitrophenol	139	4.501	4.501	0.0	83	309880	9.93	
65 2,4-Dimethylphenol	107	4.506	4.506	0.0	97	774973	10.2	
67 1,3,5-Trichlorobenzene	180	4.517	4.517	0.0	84	570316	9.95	
71 Benzoic acid	122	4.592	4.592	0.0	80	716800	19.3	
70 Bis(2-chloroethoxy)methane	93	4.576	4.576	0.0	98	872497	9.98	
73 2,4-Dichlorophenol	162	4.677	4.677	0.0	91	478669	10.1	
74 1,2,4-Trichlorobenzene	180	4.747	4.747	0.0	84	564509	9.89	
75 Naphthalene	128	4.811	4.811	0.0	99	1625381	10.0	
76 4-Chloroaniline	127	4.832	4.832	0.0	79	682956	9.75	
79 Hexachlorobutadiene	225	4.896	4.896	0.0	91	340128	10.0	
80 1,2,3-Trichlorobenzene	180	4.918	4.918	0.0	83	526549	0	
84 Caprolactam	113	5.094	5.094	0.0	79	222785	10.2	
86 4-Chloro-3-methylphenol	107	5.174	5.174	0.0	78	674494	10.2	
87 2-Methylnaphthalene	142	5.318	5.318	0.0	85	1082232	10.1	
88 1-Methylnaphthalene	142	5.393	5.393	0.0	79	1029063	10.1	
90 1,2,3,5-Tetrachlorobenzene	216	5.436	5.436	0.0	92	604987	9.86	
89 Hexachlorocyclopentadiene	237	5.436	5.436	0.0	90	400448	9.79	
92 2,4,6-Trichlorophenol	196	5.516	5.516	0.0	88	404351	10.2	
93 2,4,5-Trichlorophenol	196	5.548	5.548	0.0	94	421048	9.92	
97 2,4-Toluene diamine	121	5.633	5.633	0.0	97	383595	8.27	
98 1,1'-Biphenyl	154	5.655	5.655	0.0	95	1371026	9.93	
99 1,2,3,4 -Tetrachlorobenzene	216	5.655	5.655	0.0	61	576738	0	
100 2-Chloronaphthalene	162	5.681	5.681	0.0	96	1095956	9.89	
102 2-Nitroaniline	65	5.740	5.740	0.0	72	475073	10.0	
105 Dimethyl phthalate	163	5.852	5.852	0.0	95	1318933	10.1	
107 2,6-Dinitrotoluene	165	5.906	5.906	0.0	85	306552	10.2	
108 1,2-Dinitrobenzene	168	5.954	5.954	0.0	80	155818	10.3	
109 Acenaphthylene	152	5.986	5.986	0.0	86	1778100	10.1	
110 3-Nitroaniline	138	6.034	6.034	0.0	83	305918	9.92	
111 2,4-Dinitrophenol	184	6.109	6.109	0.0	68	486576	19.4	
112 Acenaphthene	153	6.114	6.114	0.0	92	1095440	10.1	
113 4-Nitrophenol	109	6.135	6.135	0.0	86	237787	10.6	
114 2,4-Dinitrotoluene	165	6.200	6.200	0.0	81	414750	10.2	
116 Dibenzofuran	168	6.237	6.237	0.0	83	1563382	9.85	
118 2,3,5,6-Tetrachlorophenol	232	6.285	6.285	0.0	86	353062	10.3	
121 Diethyl phthalate	149	6.360	6.360	0.0	97	1280858	9.98	
123 4-Chlorophenyl phenyl ether	204	6.467	6.467	0.0	92	697217	9.93	
125 4-Nitroaniline	138	6.483	6.483	0.0	71	341896	10.3	
126 Fluorene	166	6.488	6.488	0.0	85	1326371	9.88	
128 4,6-Dinitro-2-methylphenol	198	6.499	6.499	0.0	81	293810	10.5	
131 N-Nitrosodiphenylamine	169	6.547	6.547	0.0	98	1020048	9.96	
133 Azobenzene	77	6.579	6.579	0.0	96	1916720	10.2	
132 1,2-Diphenylhydrazine	77	6.579	6.579	0.0	98	1916972	10.2	
139 4-Bromophenyl phenyl ether	248	6.824	6.824	0.0	64	377838	10.1	
141 Hexachlorobenzene	284	6.894	6.894	0.0	90	354403	9.89	
142 Atrazine	200	6.910	6.910	0.0	89	361802	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.027	7.027	0.0	85	558499	21.7	
148 Phenanthrene	178	7.188	7.188	0.0	87	1974820	9.97	
149 Anthracene	178	7.225	7.225	0.0	87	2047596	10.0	
151 Carbazole	167	7.327	7.327	0.0	83	1820195	10.1	
154 Di-n-butyl phthalate	149	7.529	7.529	0.0	100	2291821	10.2	
159 Fluoranthene	202	8.053	8.053	0.0	98	2341826	10.1	
160 Benzidine	184	8.117	8.117	0.0	88	1268926	10.3	
161 Pyrene	202	8.224	8.224	0.0	95	2377919	10.4	
168 Butyl benzyl phthalate	149	8.630	8.630	0.0	93	1012330	10.3	
172 3,3'-Dimethoxybenzidine	244	9.025	9.025	0.0	85	600427	10.5	
173 Bis(2-ethylhexyl) phthalate	149	9.036	9.036	0.0	95	1408600	10.2	
174 4,4'-Methylene bis(2-chloroanili	231	9.057	9.057	0.0	75	451127	10.5	
175 3,3'-Dichlorobenzidine	252	9.062	9.062	0.0	63	808820	10.2	
177 Benzo[a]anthracene	228	9.105	9.105	0.0	86	2253686	9.96	
178 Chrysene	228	9.137	9.137	0.0	93	2032015	10.1	
180 Di-n-octyl phthalate	149	9.554	9.554	0.0	99	2458218	10.2	
182 Benzo[b]fluoranthene	252	10.061	10.061	0.0	87	2125665	9.66	
183 Benzo[k]fluoranthene	252	10.088	10.088	0.0	85	2102729	10.4	
184 Benzo[a]pyrene	252	10.424	10.424	0.0	74	1937370	10.1	
188 Indeno[1,2,3-cd]pyrene	276	11.957	11.957	0.0	86	1982116	10.0	
189 Dibenz(a,h)anthracene	278	11.963	11.963	0.0	68	1660741	10.1	
190 Benzo[g,h,i]perylene	276	12.406	12.406	0.0	90	1640949	9.88	
S 191 Methyl Phenols,Total	100				0		20.1	

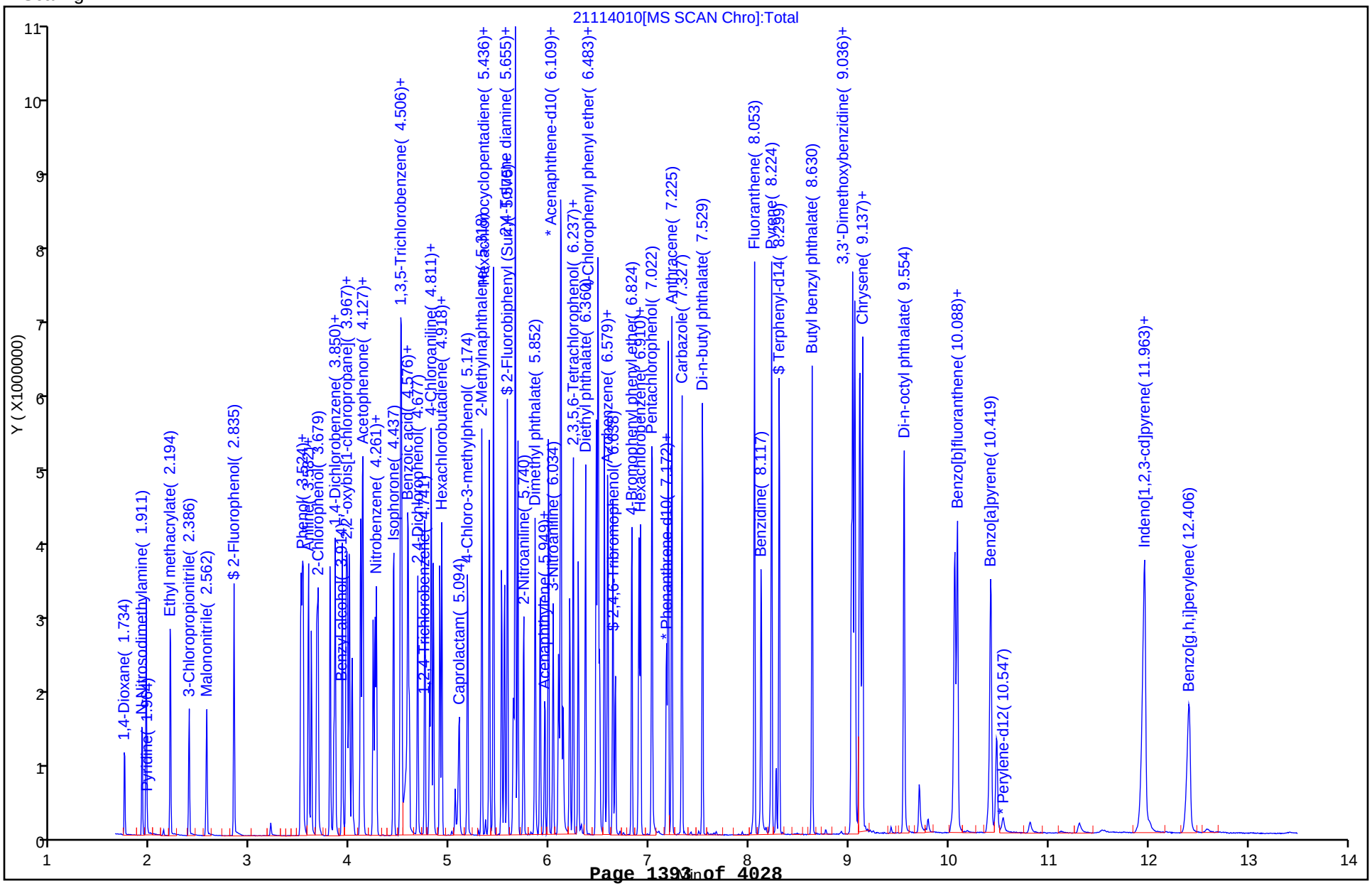
Report Date: 15-Nov-2012 07:40:27 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D

Injection Date:	14-Nov-2012 14:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/06/2012 18:22

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/06/2012 21:05

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosopyrrolidine	Ave	0.5573	0.6823		12.2	10.0	22.4	
2,6-Dichlorophenol	Ave	0.2496	0.2970		11.9	10.0	19.0	
1,2,4,5-Tetrachlorobenzene	Ave	0.5057	0.5686		11.2	10.0	12.4	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D
Lims ID: icv ind
Client ID:
Inject. Date: 21-Nov-2012 12:04:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015157-003
Misc. Info.: icv ind
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65876
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 12:38:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	177147	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	653446	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	382015	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	646813	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	92	684665	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	583062	4.00	
24 1,4-Dioxane	88	2.322	2.322	0.0	90	201729	9.81	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	89	349885	9.88	
40 Benzaldehyde	77	5.467	5.467	0.0	92	84729	1.83	
41 Phenol	94	5.521	5.521	0.0	99	773465	10.4	
43 Aniline	93	5.564	5.564	0.0	97	804903	8.68	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	579820	10.1	
46 2-Chlorophenol	128	5.671	5.671	0.0	97	603608	10.1	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	628196	9.73	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	646495	10.1	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	398284	10.8	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	612122	10.0	
51 2-Methylphenol	108	6.072	6.072	0.0	94	543596	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	859053	10.2	
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	570864	10.1	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	449895	11.2	
55 N-Nitrosopyrrolidine	100	6.195	6.216	-0.021	86	302176	12.2	
57 Acetophenone	105	6.216	6.216	0.0	92	820764	10.3	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254205	9.75	
61 Nitrobenzene	77	6.371	6.371	0.0	88	660182	11.1	
63 Isophorone	82	6.575	6.574	0.001	97	1159205	11.1	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	327696	11.7	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	93	576285	10.5	
69 Benzoic acid	122	6.735	6.735	0.0	89	732247	20.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	93	709536	10.7	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	489269	11.3	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	545042	10.5	
73 Naphthalene	128	7.002	7.002	0.0	97	1765860	10.8	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	735481	10.6	
75 2,6-Dichlorophenol	162	7.051	7.066	-0.015	97	485255	11.9	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	308594	11.0	
83 Caprolactam	113	7.323	7.323	0.0	78	175336	10.7	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	530067	11.4	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1115557	10.7	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	92	356944	11.5	
89 1,2,4,5-Tetrachlorobenzene	216	7.735	7.751	-0.016	97	542992	11.2	
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	92	363528	11.3	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	388156	11.2	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	1453465	10.8	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1118029	10.6	
100 2-Nitroaniline	65	8.083	8.083	0.0	81	354609	11.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1234629	11.0	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	274624	10.6	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1826368	10.5	
108 3-Nitroaniline	138	8.431	8.425	0.006	96	314364	11.2	
110 Acenaphthene	153	8.511	8.511	0.0	89	1081151	10.3	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	85	371571	20.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	94	176528	10.9	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	377306	10.8	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1609834	10.4	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	73	298804	10.7	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1266760	10.8	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	634542	10.7	
123 4-Nitroaniline	138	8.944	8.944	0.0	49	288035	9.37	
124 Fluorene	166	8.944	8.944	0.0	91	1307463	10.5	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	231817	10.8	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	937504	10.5	
131 Azobenzene	77	9.062	9.062	0.0	99	1371495	10.9	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	365346	11.1	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	381632	11.2	
140 Atrazine	200	9.458	9.457	0.001	93	180624	7.44	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	497747	21.5	
146 Phenanthrene	178	9.757	9.757	0.0	97	1859306	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1909227	10.9	
149 Carbazole	167	9.928	9.928	0.0	82	1797762	10.5	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2171394	11.3	
157 Fluoranthene	202	10.763	10.762	0.001	97	2147977	11.0	
158 Benzidine	184	10.859	10.859	0.0	97	76849	1.06	
160 Pyrene	202	10.966	10.971	-0.005	96	2170507	9.94	
166 Butyl benzyl phthalate	149	11.554	11.549	0.005	97	930260	10.3	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	596899	7.89	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	1288902	10.1	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	96	1965064	10.3	
176 Chrysene	228	12.287	12.287	0.0	94	1873123	10.3	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2154786	10.1	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	1821558	9.79	

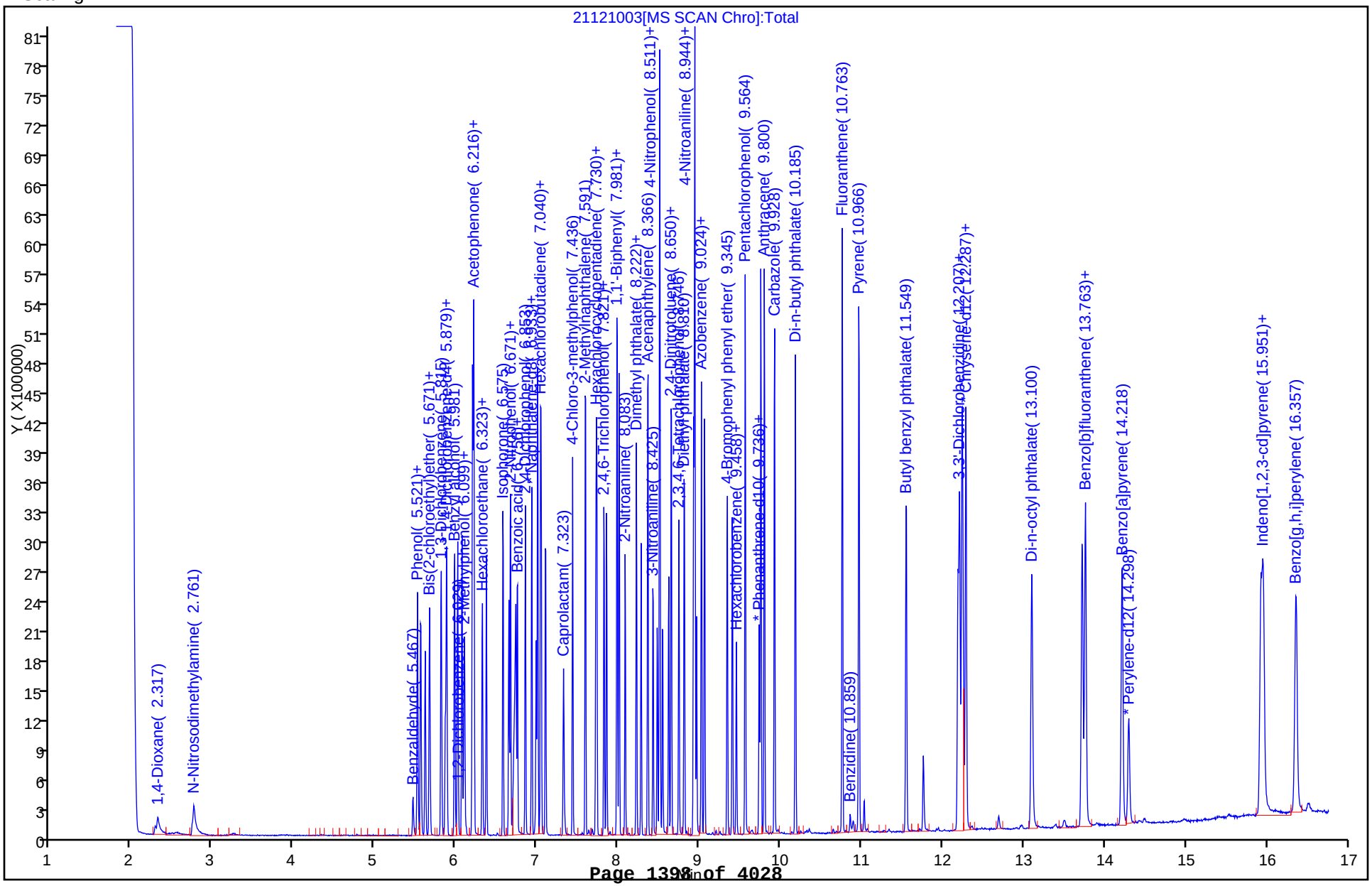
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	73	1805698	10.0	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	1852387	11.1	

Report Date: 23-Nov-2012 10:11:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D		
Injection Date:	21-Nov-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4555		9.81	10.0	-1.9	
N-Nitrosodimethylamine	Qua		0.7900		9.88	10.0	-1.2	
Benzaldehyde	Ave	1.043	0.1913		1.83	10.0	-81.7	
Phenol	Ave	1.674	1.746		10.4	10.0	4.3	
Aniline	Ave	2.093	1.817		8.68	10.0	-13.2	
Bis(2-chloroethyl)ether	Ave	1.293	1.309		10.1	10.0	1.3	
2-Chlorophenol	Ave	1.352	1.363		10.1	10.0	0.8	
1,3-Dichlorobenzene	Ave	1.457	1.418		9.73	10.0	-2.7	
1,4-Dichlorobenzene	Ave	1.448	1.460		10.1	10.0	0.8	
Benzyl alcohol	Ave	0.8332	0.8993		10.8	10.0	7.9	
1,2-Dichlorobenzene	Ave	1.380	1.382		10.0	10.0	0.1	
2-Methylphenol	Ave	1.220	1.227		10.1	10.0	0.6	
3 & 4 Methylphenol	Ave	1.279	1.289		10.1	10.0	0.8	
N-Nitrosodi-n-propylamine	Ave	0.9059	1.016		11.2	10.0	12.1	
Acetophenone	Ave	1.808	1.853		10.3	10.0	2.5	
Hexachloroethane	Ave	0.5884	0.5740		9.75	10.0	-2.5	
Nitrobenzene	Ave	0.3635	0.4041		11.1	10.0	11.2	
Isophorone	Ave	0.6380	0.7096		11.1	10.0	11.2	
2-Nitrophenol	Ave	0.1710	0.2006		11.7	10.0	17.3	
2,4-Dimethylphenol	Ave	0.3362	0.3528		10.5	10.0	4.9	
Benzoic acid	Qua		0.2241		20.1	20.0	0.5	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4343		10.7	10.0	7.2	
2,4-Dichlorophenol	Ave	0.2657	0.2995		11.3	10.0	12.7	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3336		10.5	10.0	5.3	
Naphthalene	Ave	0.999	1.081		10.8	10.0	8.2	
Hexachlorobutadiene	Ave	0.1716	0.1889		11.0	10.0	10.1	
Caprolactam	Qua		0.1073		10.7	10.0	6.9	
4-Chloro-3-methylphenol	Ave	0.2854	0.3245		11.4	10.0	13.7	
2-Methylnaphthalene	Ave	0.6393	0.6829		10.7	10.0	6.8	
Hexachlorocyclopentadiene	Ave	0.3241	0.3738		11.5	10.0	15.3	
2,4,6-Trichlorophenol	Ave	0.3372	0.3806		11.3	10.0	12.9	
2,4,5-Trichlorophenol	Ave	0.3632	0.4064		11.2	10.0	11.9	
1,1'-Biphenyl	Ave	1.413	1.522		10.8	10.0	7.7	
2-Chloronaphthalene	Ave	1.105	1.171		10.6	10.0	6.0	
2-Nitroaniline	Ave	0.3242	0.3713		11.5	10.0	14.5	
Dimethyl phthalate	Ave	1.175	1.293		11.0	10.0	10.0	
2,6-Dinitrotoluene	Qua		0.2876		10.6	10.0	6.4	
Acenaphthylene	Ave	1.825	1.912		10.5	10.0	4.8	
3-Nitroaniline	Ave	0.2941	0.3292		11.2	10.0	11.9	
Acenaphthene	Ave	1.097	1.132		10.3	10.0	3.2	
2,4-Dinitrophenol	Qua		0.1945		20.9	20.0	4.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Ave	0.1694	0.1848		10.9	10.0	9.1	
2,4-Dinitrotoluene	Qua		0.3951		10.8	10.0	8.2	
Dibenzofuran	Ave	1.629	1.686		10.4	10.0	3.5	
Diethyl phthalate	Ave	1.228	1.326		10.8	10.0	8.0	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6644		10.7	10.0	7.4	
4-Nitroaniline	Qua		0.3016		9.37	10.0	-6.3	
Fluorene	Ave	1.308	1.369		10.5	10.0	4.7	
4,6-Dinitro-2-methylphenol	Qua		0.1434		10.8	10.0	7.7	
N-Nitrosodiphenylamine	Ave	0.5517	0.5798		10.5	10.0	5.1	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2259		11.1	10.0	10.7	
Hexachlorobenzene	Ave	0.2101	0.2360		11.2	10.0	12.3	
Atrazine	Ave	0.1501	0.1117		7.44	10.0	-25.6	
Pentachlorophenol	Qua		0.1539		21.5	20.0	7.5	
Phenanthrene	Ave	1.093	1.150		10.5	10.0	5.2	
Anthracene	Ave	1.086	1.181		10.9	10.0	8.7	
Carbazole	Ave	1.055	1.112		10.5	10.0	5.4	
Di-n-butyl phthalate	Ave	1.185	1.343		11.3	10.0	13.4	
Fluoranthene	Ave	1.207	1.328		11.0	10.0	10.1	
Benzidine	Qua		0.0449		1.06	10.0	-89.4	
Pyrene	Ave	1.276	1.268		9.94	10.0	-0.6	
Butyl benzyl phthalate	Qua		0.5435		10.3	10.0	3.0	
3,3'-Dichlorobenzidine	Qua		0.3487		7.89	10.0	-21.1	
Bis(2-ethylhexyl) phthalate	Qua		0.7530		10.1	10.0	0.9	
Benzo[a]anthracene	Ave	1.116	1.148		10.3	10.0	2.8	
Chrysene	Ave	1.064	1.094		10.3	10.0	2.9	
Di-n-octyl phthalate	Qua		1.478		10.1	10.0	1.4	
Benzo[b]fluoranthene	Ave	1.276	1.250		9.79	10.0	-2.1	
Benzo[k]fluoranthene	Ave	1.387	1.425		10.3	10.0	2.8	
Benzo[a]pyrene	Qua		1.166		8.86	10.0	-11.4	
Indeno[1,2,3-cd]pyrene	Qua		1.467		10.1	10.0	1.0	
Dibenz(a,h)anthracene	Qua		1.239		10.0	10.0	0.1	
Benzo[g,h,i]perylene	Ave	1.145	1.271		11.1	10.0	11.0	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D
Lims ID: icv ind
Client ID:
Inject. Date: 21-Nov-2012 12:04:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015157-003
Misc. Info.: icv ind
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65876
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 12:38:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	177147	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	653446	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	382015	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	646813	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	92	684665	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	583062	4.00	
24 1,4-Dioxane	88	2.322	2.322	0.0	90	201729	9.81	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	89	349885	9.88	
40 Benzaldehyde	77	5.467	5.467	0.0	92	84729	1.83	
41 Phenol	94	5.521	5.521	0.0	99	773465	10.4	
43 Aniline	93	5.564	5.564	0.0	97	804903	8.68	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	579820	10.1	
46 2-Chlorophenol	128	5.671	5.671	0.0	97	603608	10.1	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	628196	9.73	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	646495	10.1	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	398284	10.8	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	612122	10.0	
51 2-Methylphenol	108	6.072	6.072	0.0	94	543596	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	859053	10.2	
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	570864	10.1	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	449895	11.2	
55 N-Nitrosopyrrolidine	100	6.195	6.216	-0.021	86	302176	12.2	
57 Acetophenone	105	6.216	6.216	0.0	92	820764	10.3	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254205	9.75	
61 Nitrobenzene	77	6.371	6.371	0.0	88	660182	11.1	
63 Isophorone	82	6.575	6.574	0.001	97	1159205	11.1	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	327696	11.7	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	93	576285	10.5	
69 Benzoic acid	122	6.735	6.735	0.0	89	732247	20.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	93	709536	10.7	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	489269	11.3	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	545042	10.5	
73 Naphthalene	128	7.002	7.002	0.0	97	1765860	10.8	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	735481	10.6	
75 2,6-Dichlorophenol	162	7.051	7.066	-0.015	97	485255	11.9	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	308594	11.0	
83 Caprolactam	113	7.323	7.323	0.0	78	175336	10.7	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	530067	11.4	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1115557	10.7	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	92	356944	11.5	
89 1,2,4,5-Tetrachlorobenzene	216	7.735	7.751	-0.016	97	542992	11.2	
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	92	363528	11.3	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	388156	11.2	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	1453465	10.8	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1118029	10.6	
100 2-Nitroaniline	65	8.083	8.083	0.0	81	354609	11.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1234629	11.0	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	274624	10.6	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1826368	10.5	
108 3-Nitroaniline	138	8.431	8.425	0.006	96	314364	11.2	
110 Acenaphthene	153	8.511	8.511	0.0	89	1081151	10.3	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	85	371571	20.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	94	176528	10.9	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	377306	10.8	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1609834	10.4	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	73	298804	10.7	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1266760	10.8	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	634542	10.7	
123 4-Nitroaniline	138	8.944	8.944	0.0	49	288035	9.37	
124 Fluorene	166	8.944	8.944	0.0	91	1307463	10.5	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	231817	10.8	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	937504	10.5	
131 Azobenzene	77	9.062	9.062	0.0	99	1371495	10.9	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	365346	11.1	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	381632	11.2	
140 Atrazine	200	9.458	9.457	0.001	93	180624	7.44	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	497747	21.5	
146 Phenanthrene	178	9.757	9.757	0.0	97	1859306	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1909227	10.9	
149 Carbazole	167	9.928	9.928	0.0	82	1797762	10.5	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2171394	11.3	
157 Fluoranthene	202	10.763	10.762	0.001	97	2147977	11.0	
158 Benzidine	184	10.859	10.859	0.0	97	76849	1.06	
160 Pyrene	202	10.966	10.971	-0.005	96	2170507	9.94	
166 Butyl benzyl phthalate	149	11.554	11.549	0.005	97	930260	10.3	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	596899	7.89	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	1288902	10.1	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	96	1965064	10.3	
176 Chrysene	228	12.287	12.287	0.0	94	1873123	10.3	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2154786	10.1	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	1821558	9.79	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	73	1805698	10.0	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	1852387	11.1	

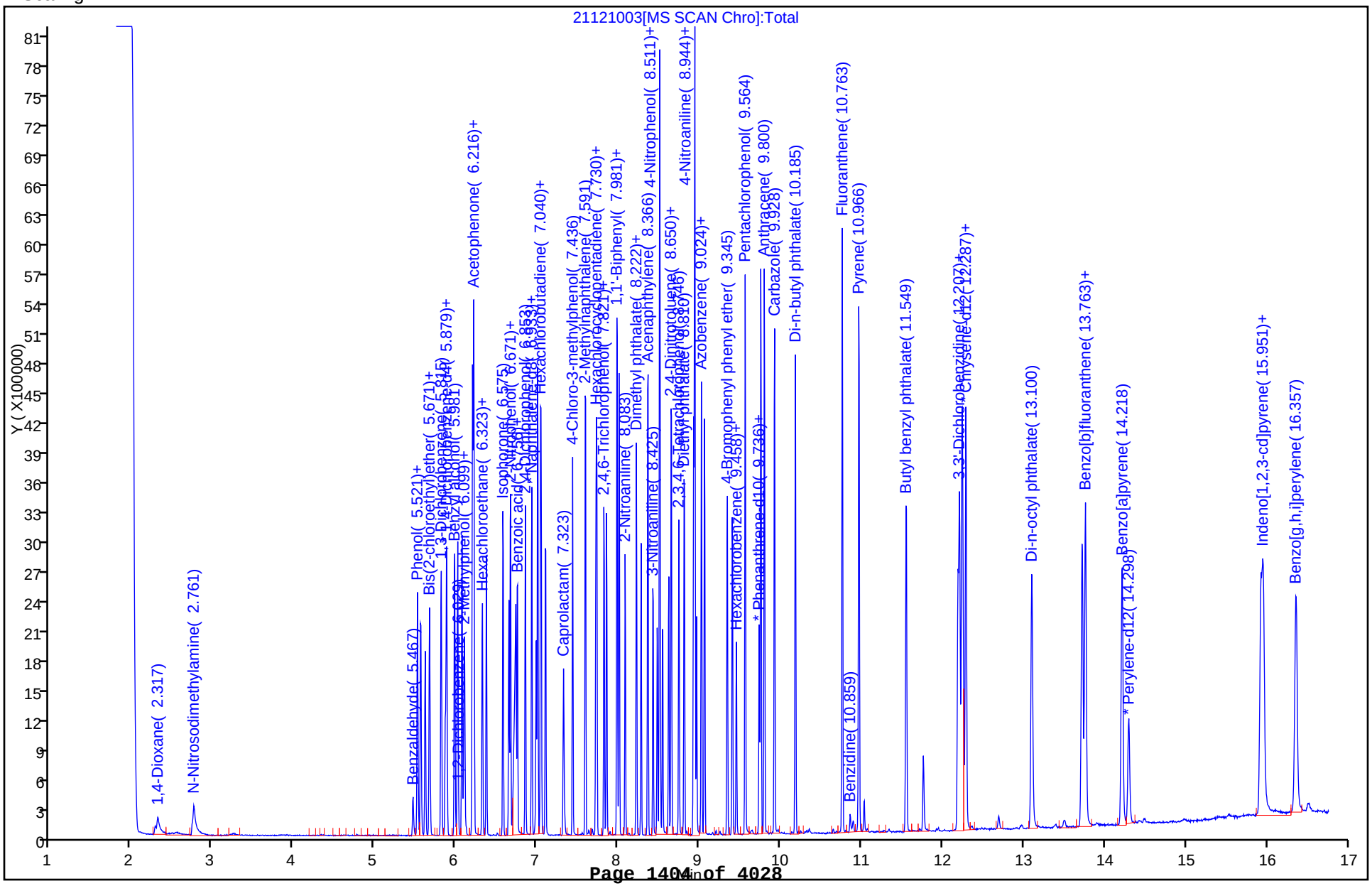
Report Date: 23-Nov-2012 10:11:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D

Injection Date:	21-Nov-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66051/2 Calibration Date: 11/23/2012 09:55

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4678		10.1	10.0	0.8	
N-Nitrosodimethylamine	Qua		0.8247		10.3	10.0	3.0	
Pyridine	Ave	1.330	1.454		10.9	10.0	9.3	
Benzaldehyde	Ave	1.043	1.014		9.72	10.0	-2.8	
Phenol	Ave	1.674	1.732		10.3	10.0	3.5	
Aniline	Ave	2.093	2.155		10.3	10.0	3.0	
Bis(2-chloroethyl)ether	Ave	1.293	1.298		10.0	10.0	0.4	
2-Chlorophenol	Ave	1.352	1.349		9.97	10.0	-0.3	
1,3-Dichlorobenzene	Ave	1.457	1.473		10.1	10.0	1.0	
1,4-Dichlorobenzene	Ave	1.448	1.427		9.86	10.0	-1.4	
Benzyl alcohol	Ave	0.8332	0.8603		10.3	10.0	3.2	
1,2-Dichlorobenzene	Ave	1.380	1.416		10.3	10.0	2.6	
2-Methylphenol	Ave	1.220	1.238		10.2	10.0	1.5	
3 & 4 Methylphenol	Ave	1.279	1.284		10.0	10.0	0.4	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.9494		10.5	10.0	4.8	
Acetophenone	Ave	1.808	1.836		10.2	10.0	1.6	
Hexachloroethane	Ave	0.5884	0.5901		10.0	10.0	0.3	
Nitrobenzene	Ave	0.3635	0.3804		10.5	10.0	4.6	
Isophorone	Ave	0.6380	0.6599		10.3	10.0	3.4	
2-Nitrophenol	Ave	0.1710	0.1853		10.8	10.0	8.3	
2,4-Dimethylphenol	Ave	0.3362	0.3610		10.7	10.0	7.4	
Benzoic acid	Qua		0.2154		19.4	20.0	-3.1	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4084		10.1	10.0	0.8	
2,4-Dichlorophenol	Ave	0.2657	0.2758		10.4	10.0	3.8	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3248		10.2	10.0	2.5	
Naphthalene	Ave	0.999	1.012		10.1	10.0	1.3	
Hexachlorobutadiene	Ave	0.1716	0.1670		9.73	10.0	-2.7	
Caprolactam	Qua		0.1041		10.3	10.0	3.4	
4-Chloro-3-methylphenol	Ave	0.2854	0.2979		10.4	10.0	4.4	
2-Methylnaphthalene	Ave	0.6393	0.6385		9.99	10.0	-0.1	
Hexachlorocyclopentadiene	Ave	0.3241	0.3437		10.6	10.0	6.0	
2,4,6-Trichlorophenol	Ave	0.3372	0.3653		10.8	10.0	8.3	
2,4,5-Trichlorophenol	Ave	0.3632	0.3974		10.9	10.0	9.4	
1,1'-Biphenyl	Ave	1.413	1.400		9.91	10.0	-0.9	
2-Chloronaphthalene	Ave	1.105	1.107		10.0	10.0	0.2	
2-Nitroaniline	Ave	0.3242	0.3522		10.9	10.0	8.6	
Dimethyl phthalate	Ave	1.175	1.204		10.2	10.0	2.5	
2,6-Dinitrotoluene	Qua		0.2766		10.3	10.0	2.5	
Acenaphthylene	Ave	1.825	1.881		10.3	10.0	3.1	
3-Nitroaniline	Ave	0.2941	0.3263		11.1	10.0	11.0	
Acenaphthene	Ave	1.097	1.113		10.1	10.0	1.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66051/2 Calibration Date: 11/23/2012 09:55

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1854		20.0	20.0	-0.0	
4-Nitrophenol	Ave	0.1694	0.1797		10.6	10.0	6.1	
2,4-Dinitrotoluene	Qua		0.3742		10.3	10.0	2.7	
Dibenzofuran	Ave	1.629	1.617		9.93	10.0	-0.7	
Diethyl phthalate	Ave	1.228	1.243		10.1	10.0	1.2	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6480		10.5	10.0	4.7	
Fluorene	Ave	1.308	1.313		10.0	10.0	0.4	
4-Nitroaniline	Qua		0.3236		10.0	10.0	0.4	
4,6-Dinitro-2-methylphenol	Qua		0.1262		9.58	10.0	-4.2	
N-Nitrosodiphenylamine	Ave	0.5517	0.5588		10.1	10.0	1.3	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7838		10.1	10.0	0.7	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2103		10.3	10.0	3.1	
Hexachlorobenzene	Ave	0.2101	0.2118		10.1	10.0	0.8	
Atrazine	Ave	0.1501	0.1590		10.6	10.0	5.9	
Pentachlorophenol	Qua		0.1418		19.9	20.0	-0.6	
Phenanthrene	Ave	1.093	1.071		9.80	10.0	-2.0	
Anthracene	Ave	1.086	1.113		10.3	10.0	2.5	
Carbazole	Ave	1.055	1.065		10.1	10.0	0.9	
Di-n-butyl phthalate	Ave	1.185	1.255		10.6	10.0	5.9	
Fluoranthene	Ave	1.207	1.251		10.4	10.0	3.7	
Benzidine	Qua		0.6890		10.0	10.0	0.0	
Pyrene	Ave	1.276	1.253		9.82	10.0	-1.8	
Butyl benzyl phthalate	Qua		0.5265		9.99	10.0	-0.0	
3,3'-Dichlorobenzidine	Qua		0.4448		9.98	10.0	-0.2	
Bis(2-ethylhexyl) phthalate	Qua		0.7491		10.0	10.0	0.4	
Benzo[a]anthracene	Ave	1.116	1.118		10.0	10.0	0.2	
Chrysene	Ave	1.064	1.046		9.83	10.0	-1.7	
Di-n-octyl phthalate	Qua		1.505		10.3	10.0	3.1	
Benzo[b]fluoranthene	Ave	1.276	1.348		10.6	10.0	5.6	
Benzo[k]fluoranthene	Ave	1.387	1.435		10.3	10.0	3.5	
Benzo[a]pyrene	Qua		1.319		9.97	10.0	-0.3	
Indeno[1,2,3-cd]pyrene	Qua		1.473		10.1	10.0	1.4	
Dibenz(a,h)anthracene	Qua		1.245		10.1	10.0	0.6	
Benzo[g,h,i]perylene	Ave	1.145	1.259		11.0	10.0	10.0	
2-Fluorophenol (Surr)	Ave	1.236	1.292		10.4	10.0	4.5	
Phenol-d5 (Surr)	Ave	1.570	1.627		10.4	10.0	3.7	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3710		10.5	10.0	5.5	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.297		10.0	10.0	-0.0	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1816		11.0	10.0	9.8	
Terphenyl-d14 (Surr)	Ave	0.7408	0.7304		9.86	10.0	-1.4	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	23-Nov-2012 09:55:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015199-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	66051	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	23-Nov-2012 10:13:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	96	181219	4.00	
* 2 Naphthalene-d8	136	6.979	6.979	0.0	99	692247	4.00	
* 3 Acenaphthene-d10	164	8.471	8.471	0.0	93	393429	4.00	
* 4 Phenanthrene-d10	188	9.728	9.728	0.0	98	686753	4.00	
* 5 Chrysene-d12	240	12.242	12.242	0.0	95	712436	4.00	
* 6 Perylene-d12	264	14.275	14.275	0.0	94	594434	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	94	585128	10.4	
$ 8 Phenol-d5	99	5.503	5.503	0.0	90	737190	10.4	
$ 9 Nitrobenzene-d5	82	6.348	6.348	0.0	88	642018	10.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.888	7.888	0.0	99	1275899	10.0	
$ 11 2,4,6-Tribromophenol	330	9.135	9.135	0.0	93	178656	11.0	
$ 12 Terphenyl-d14	244	11.071	11.071	0.0	98	1300939	9.86	
24 1,4-Dioxane	88	2.294	2.294	0.0	93	211930	10.1	M
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	88	373642	10.3	
26 Pyridine	79	2.786	2.786	0.0	94	658787	10.9	
27 Ethyl methacrylate	69	3.486	3.486	0.0	90	529406	10.6	
28 3-Chloropropionitrile	54	3.898	3.898	0.0	87	376362	11.3	
32 Malononitrile	66	4.267	4.267	0.0	98	700803	11.1	
40 Benzaldehyde	77	5.455	5.455	0.0	95	459246	9.72	
41 Phenol	94	5.514	5.514	0.0	99	784674	10.3	
43 Aniline	93	5.551	5.551	0.0	97	976313	10.3	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.0	95	588157	10.0	
46 2-Chlorophenol	128	5.658	5.658	0.0	97	610964	9.97	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	96	667184	10.1	
48 1,4-Dichlorobenzene	146	5.872	5.872	0.0	93	646594	9.86	
49 Benzyl alcohol	108	5.968	5.968	0.0	90	389738	10.3	
50 1,2-Dichlorobenzene	146	6.011	6.011	0.0	95	641501	10.3	
51 2-Methylphenol	108	6.059	6.059	0.0	96	561035	10.2	
52 2,2'-oxybis[1-chloropropane]	45	6.091	6.091	0.0	92	877525	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	97	581838	10.0	
56 N-Nitrosodi-n-propylamine	70	6.204	6.204	0.0	91	430142	10.5	
57 Acetophenone	105	6.209	6.209	0.0	93	832011	10.2	
60 Hexachloroethane	117	6.311	6.311	0.0	94	267350	10.0	
61 Nitrobenzene	77	6.364	6.364	0.0	84	658268	10.5	
63 Isophorone	82	6.567	6.567	0.0	97	1142070	10.3	
65 2-Nitrophenol	139	6.642	6.642	0.0	95	320642	10.8	
66 1,3,5-Trichlorobenzene	180	6.653	6.653	0.0	95	548597	10.0	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	72	624686	10.7	
69 Benzoic acid	122	6.728	6.728	0.0	86	745440	19.4	
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	92	706847	10.1	
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	95	477266	10.4	
72 1,2,4-Trichlorobenzene	180	6.926	6.926	0.0	92	562096	10.2	
73 Naphthalene	128	6.995	6.995	0.0	97	1752086	10.1	
74 4-Chloroaniline	127	7.033	7.033	0.0	86	752574	10.2	
77 Hexachlorobutadiene	225	7.091	7.091	0.0	94	289044	9.73	
78 1,2,3-Trichlorobenzene	180	7.118	7.118	0.0	92	516560	0	
83 Caprolactam	113	7.316	7.316	0.0	76	180111	10.3	
84 4-Chloro-3-methylphenol	107	7.428	7.428	0.0	97	515486	10.4	
85 2-Methylnaphthalene	142	7.584	7.584	0.0	90	1104991	9.99	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	90	1064823	10.1	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	73	338001	10.6	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	95	558200	10.4	
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	91	359259	10.8	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	95	390847	10.9	
94 2,4-Toluene diamine	121	7.958	7.958	0.0	97	350236	9.94	
96 1,2,3,4 -Tetrachlorobenzene	216	7.969	7.969	0.0	95	517868	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	94	1376633	9.91	
98 2-Chloronaphthalene	162	8.001	8.001	0.0	96	1088367	10.0	
100 2-Nitroaniline	65	8.076	8.076	0.0	85	346419	10.9	
103 Dimethyl phthalate	163	8.215	8.215	0.0	98	1183804	10.2	
105 2,6-Dinitrotoluene	165	8.273	8.273	0.0	94	272085	10.3	
106 1,2-Dinitrobenzene	168	8.322	8.322	0.0	90	141256	11.0	
107 Acenaphthylene	152	8.354	8.354	0.0	95	1850539	10.3	
108 3-Nitroaniline	138	8.418	8.418	0.0	93	320920	11.1	
110 Acenaphthene	153	8.498	8.498	0.0	93	1094740	10.1	
109 2,4-Dinitrophenol	184	8.509	8.509	0.0	89	364669	20.0	
111 4-Nitrophenol	109	8.536	8.536	0.0	92	176720	10.6	
112 2,4-Dinitrotoluene	165	8.616	8.616	0.0	95	368065	10.3	
114 Dibenzofuran	168	8.643	8.643	0.0	88	1590288	9.93	
115 2,3,5,6-Tetrachlorophenol	232	8.701	8.701	0.0	93	317375	10.8	
119 Diethyl phthalate	149	8.803	8.803	0.0	97	1223042	10.1	
121 4-Chlorophenyl phenyl ether	204	8.921	8.921	0.0	90	637307	10.5	
124 Fluorene	166	8.931	8.931	0.0	80	1291763	10.0	
123 4-Nitroaniline	138	8.937	8.937	0.0	85	318241	10.0	
126 4,6-Dinitro-2-methylphenol	198	8.958	8.958	0.0	84	216595	9.58	
130 N-Nitrosodiphenylamine	169	9.017	9.017	0.0	0	959368	10.1	
131 Azobenzene	77	9.054	9.054	0.0	99	1345667	10.1	
129 1,2-Diphenylhydrazine	77	9.054	9.054	0.0	0	1345667	10.1	
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.0	65	361046	10.3	
139 Hexachlorobenzene	284	9.397	9.397	0.0	90	363555	10.1	
140 Atrazine	200	9.450	9.450	0.0	93	272998	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.557	9.557	0.0	91	486807	19.9	
146 Phenanthrene	178	9.750	9.750	0.0	97	1839138	9.80	
147 Anthracene	178	9.792	9.792	0.0	97	1911561	10.3	
149 Carbazole	167	9.916	9.916	0.0	82	1827616	10.1	
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	2153847	10.6	
157 Fluoranthene	202	10.755	10.755	0.0	97	2148363	10.4	
158 Benzidine	184	10.846	10.846	0.0	99	1227197	10.0	
160 Pyrene	202	10.959	10.959	0.0	96	2231871	9.82	
166 Butyl benzyl phthalate	149	11.536	11.536	0.0	96	937727	10.0	
170 3,3'-Dimethoxybenzidine	244	12.135	12.135	0.0	87	507662	10.3	
172 4,4'-Methylene bis(2-chloroanili	231	12.173	12.173	0.0	72	368096	10.1	
173 3,3'-Dichlorobenzidine	252	12.178	12.178	0.0	63	792245	9.98	
171 Bis(2-ethylhexyl) phthalate	149	12.194	12.194	0.0	95	1334134	10.0	
175 Benzo[a]anthracene	228	12.226	12.226	0.0	98	1991589	10.0	
176 Chrysene	228	12.274	12.274	0.0	94	1862942	9.83	
178 Di-n-octyl phthalate	149	13.082	13.082	0.0	99	2237143	10.3	
180 Benzo[b]fluoranthene	252	13.702	13.702	0.0	94	2003258	10.6	
181 Benzo[k]fluoranthene	252	13.745	13.745	0.0	95	2131883	10.3	
182 Benzo[a]pyrene	252	14.194	14.194	0.0	75	1960128	9.97	
186 Indeno[1,2,3-cd]pyrene	276	15.906	15.906	0.0	97	2188623	10.1	
187 Dibenz(a,h)anthracene	278	15.933	15.933	0.0	69	1850039	10.1	
188 Benzo[g,h,i]perylene	276	16.334	16.334	0.0	94	1871345	11.0	
S 189 Methyl Phenols,Total	100				0		10.2	

QC Flag Legend

Review Flags
M - Manually Integrated

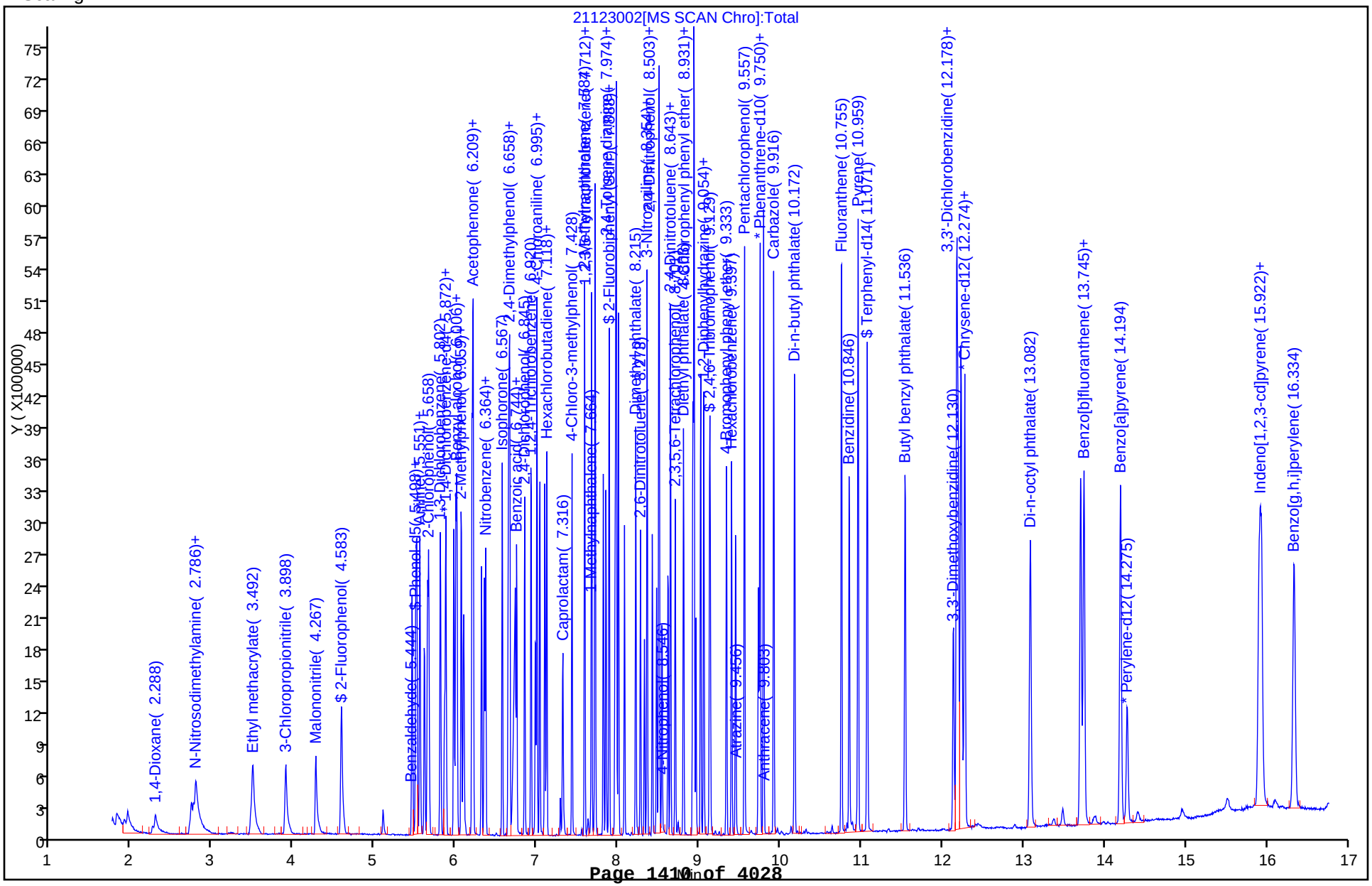
Report Date: 26-Nov-2012 14:12:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123002.D

Injection Date:	23-Nov-2012 09:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

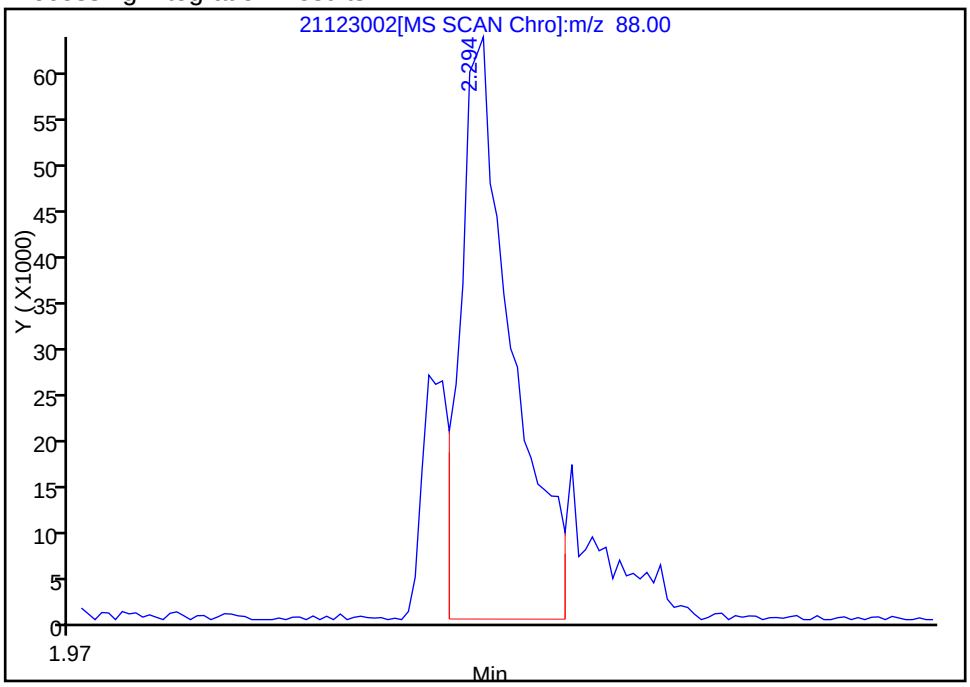
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123002.D		
Injection Date:	23-Nov-2012 09:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.29

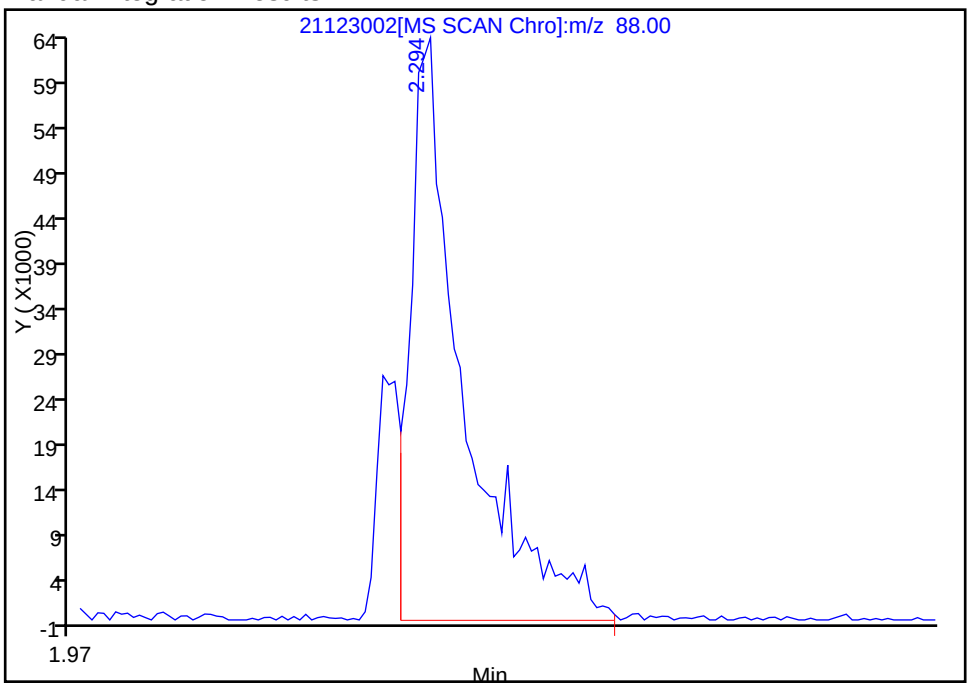
Processing Integration Results

RT: 2.29
Response: 177911
Amount: 8.459698



Manual Integration Results

RT: 2.29
Response: 211930
Amount: 10.077307



Reviewer: gruberj, 23-Nov-2012 10:13:35
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/23/2012 14:58

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.043			0.117	0.100		
Phenol	Ave	1.674			0.0900	0.100		
Aniline	Ave	2.093			0.103	0.100		
Bis(2-chloroethyl)ether	Ave	1.293			0.0913	0.100		
2-Chlorophenol	Ave	1.352			0.109	0.100		
1,3-Dichlorobenzene	Ave	1.457			0.100	0.100		
1,4-Dichlorobenzene	Ave	1.448			0.100	0.100		
Benzyl alcohol	Ave	0.8332			0.0944	0.100		
1,2-Dichlorobenzene	Ave	1.380			0.114	0.100		
2-Methylphenol	Ave	1.220			0.105	0.100		
3 & 4 Methylphenol	Ave	1.279			0.0908	0.100		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.140	0.100		
Acetophenone	Ave	1.808			0.109	0.100		
Hexachloroethane	Ave	0.5884			0.107	0.100		
Nitrobenzene	Ave	0.3635			0.0984	0.100		
Isophorone	Ave	0.6380			0.0973	0.100		
2-Nitrophenol	Ave	0.1710			0.123	0.100		
2,4-Dimethylphenol	Ave	0.3362			0.0936	0.100		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.100	0.100		
2,4-Dichlorophenol	Ave	0.2657			0.0780	0.100		
1,2,4-Trichlorobenzene	Ave	0.3169			0.0902	0.100		
Naphthalene	Ave	0.999			0.104	0.100		
Hexachlorobutadiene	Ave	0.1716			0.104	0.100		
Caprolactam	Qua				0.549	0.100		
4-Chloro-3-methylphenol	Ave	0.2854			0.0882	0.100		
2-Methylnaphthalene	Ave	0.6393			0.102	0.100		
2,4,6-Trichlorophenol	Ave	0.3372			0.115	0.100		
2,4,5-Trichlorophenol	Ave	0.3632			0.145	0.100		
1,1'-Biphenyl	Ave	1.413			0.0954	0.100		
2-Chloronaphthalene	Ave	1.105			0.101	0.100		
2-Nitroaniline	Ave	0.3242			0.113	0.100		
Dimethyl phthalate	Ave	1.175			0.107	0.100		
Acenaphthylene	Ave	1.825			0.106	0.100		
3-Nitroaniline	Ave	0.2941			0.0861	0.100		
Acenaphthene	Ave	1.097			0.0983	0.100		
Dibenzofuran	Ave	1.629			0.109	0.100		
Diethyl phthalate	Ave	1.228			0.170	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.0990	0.100		
4-Nitroaniline	Qua				0.368	0.100		
Fluorene	Ave	1.308			0.0952	0.100		
N-Nitrosodiphenylamine	Ave	0.5517			0.109	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/23/2012 14:58

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.0838	0.100		
4-Bromophenyl phenyl ether	Ave	0.2040			0.111	0.100		
Hexachlorobenzene	Ave	0.2101			0.120	0.100		
Atrazine	Ave	0.1501			0.125	0.100		
Pentachlorophenol	Qua				0.509	0.200		
Phenanthrene	Ave	1.093			0.111	0.100		
Anthracene	Ave	1.086			0.107	0.100		
Carbazole	Ave	1.055			0.101	0.100		
Di-n-butyl phthalate	Ave	1.185			0.114	0.100		
Fluoranthene	Ave	1.207			0.101	0.100		
Benzidine	Qua				0.449	0.100		
Pyrene	Ave	1.276			0.109	0.100		
Butyl benzyl phthalate	Qua				0.237	0.100		
3,3'-Dichlorobenzidine	Qua				0.298	0.100		
Bis(2-ethylhexyl) phthalate	Qua				0.318	0.100		
Benzo[a]anthracene	Ave	1.116			0.119	0.100		
Chrysene	Ave	1.064			0.108	0.100		
Di-n-octyl phthalate	Qua				0.426	0.100		
Benzo[b]fluoranthene	Ave	1.276			0.109	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.106	0.100		
Benzo[a]pyrene	Qua				0.210	0.100		
Indeno[1,2,3-cd]pyrene	Qua				0.171	0.100		
Dibenz(a,h)anthracene	Qua				0.261	0.100		
Benzo[g,h,i]perylene	Ave	1.145			0.0991	0.100		
1,4-Dioxane	Ave	0.4642			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Qua				0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Nitrophenol	Ave	0.1694			0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Hexachlorocyclopentadiene	Ave	0.3241			0.000800	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
Pyridine	Ave	1.330			0.000800	0.100		
2-Fluorophenol (Surr)	Ave	1.236			0.104	0.100	104	35-105
Phenol-d5 (Surr)	Ave	1.570			0.0881	0.100	88	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.104	0.100	104*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.107	0.100	107*	45-105

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/23/2012 14:58

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.108	0.100	108	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.106	0.100	106	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D
Lims ID: mdll1 Client ID:
Inject. Date: 23-Nov-2012 14:58:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015199-014
Misc. Info.: mdll1
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66051 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 14:12:55 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 26-Nov-2012 10:35:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	96	204366	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	779938	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	90	440990	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	787445	4.00	
* 5 Chrysene-d12	240	12.231	12.242	-0.011	97	775531	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	692630	4.00	
$ 7 2-Fluorophenol	112	4.594	4.583	0.011	1	6581	0.1042	M
$ 8 Phenol-d5	99	5.497	5.503	-0.006	75	7067	0.0881	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	74	7119	0.1038	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	83	15334	0.1072	
$ 11 2,4,6-Tribromophenol	330	9.135	9.135	0.0	27	1974	0.1082	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	86	15228	0.1060	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88		2.294					9
25 N-Nitrosodimethylamine	74		2.738					
26 Pyridine	79		2.786					9
232 1-Methyl-2-pyrrilidinone	99	3.219	3.271	-0.052	0	120	0	
27 Ethyl methacrylate	69		3.486					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.898					
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.267					9
33 Acrylamide	71	4.422	4.401	0.021	1	347	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.577	4.536	0.041	0	1097	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
37 2-Methylcyclohexanone	68	5.374	5.376	-0.002	10	343	0	
38 3-Methylcyclohexanone	69	5.412	5.414	-0.002	1	352	0	
40 Benzaldehyde	77	5.455	5.455	0.0	82	6221	0.1168	
39 4-Methylcyclohexanone	55	5.401	5.462	-0.061	1	2558	0	
41 Phenol	94	5.514	5.514	0.0	77	7692	0.0900	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	65	10981	0.1027	
44 Bis(2-chloroethyl)ether	93	5.604	5.605	0.0	77	6032	0.0913	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.663	5.658	0.005	74	7496	0.1085	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	81	7482	0.1005	
48 1,4-Dichlorobenzene	146	5.872	5.872	0.0	7	7428	0.1004	
49 Benzyl alcohol	108	5.968	5.968	0.0	67	4018	0.0944	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	69	8047	0.1141	
51 2-Methylphenol	108	6.064	6.059	0.005	79	6550	0.1051	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	60	11467	0.1183	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	90	5933	0.0908	
56 N-Nitrosodi-n-propylamine	70	6.203	6.204	-0.001	69	6466	0.1397	
57 Acetophenone	105	6.209	6.209	0.0	84	10102	0.1094	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.310	6.311	-0.001	81	3214	0.1069	
61 Nitrobenzene	77	6.359	6.364	-0.005	69	6976	0.0984	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	90	12101	0.0973	
65 2-Nitrophenol	139	6.637	6.642	-0.005	68	4114	0.1234	
66 1,3,5-Trichlorobenzene	180	6.647	6.653	-0.006	90	6462	0.1045	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	50	6137	0.0936	
69 Benzoic acid	122		6.728					
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	86	7916	0.1002	
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	61	4041	0.0780	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	61	5571	0.0902	
73 Naphthalene	128	6.995	6.995	0.0	33	20241	0.1039	
74 4-Chloroaniline	127	7.033	7.033	0.0	74	10087	0.1214	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.086	7.091	-0.005	76	3486	0.1042	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	78	6836	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.300	7.316	-0.016	56	2232	0.5495	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	72	4907	0.0882	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.583	7.584	-0.001	78	12697	0.1019	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	79	12322	0.1039	
88 Hexachlorocyclopentadiene	237		7.712					9
87 1,2,3,5-Tetrachlorobenzene	216	7.706	7.712	-0.006	85	6357	0.1061	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					19
90 2,4,6-Trichlorophenol	196	7.813	7.814	-0.001	68	4289	0.1154	
91 2,4,5-Trichlorophenol	196	7.851	7.846	0.005	63	5799	0.1448	
94 2,4-Toluene diamine	121	7.958	7.958	0.0	62	4960	0.1249	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.969	7.969	0.0	50	5710	0	
95 1,1'-Biphenyl	154	7.969	7.974	-0.005	95	14865	0.0954	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	70	12345	0.1014	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	30	4037	0.1129	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	91	13836	0.1068	
105 2,6-Dinitrotoluene	165		8.273					
104 1,3-Dinitrobenzene	168		8.275					9
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	52	1358	0.0945	
107 Acenaphthylene	152	8.348	8.354	-0.006	82	21252	0.1056	
108 3-Nitroaniline	138	8.429	8.418	0.010	44	2790	0.0861	
110 Acenaphthene	153	8.498	8.498	0.0	83	11893	0.0983	
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					9
112 2,4-Dinitrotoluene	165		8.616					9
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.642	8.643	-0.001	77	19595	0.1091	
115 2,3,5,6-Tetrachlorophenol	232		8.701					9
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.798	8.803	-0.005	91	23042	0.1702	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	71	6751	0.0990	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	71	13724	0.0952	
123 4-Nitroaniline	138	8.931	8.937	-0.006	50	3176	0.3683	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198		8.958					9
125 Tributyl phosphate	99	8.963	8.992	-0.029	61	4363	0.4240	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	11788	0.1085	
128 Diphenylamine	169	9.012	9.040	-0.028	87	11788	0.0990	
131 Azobenzene	77	9.049	9.054	-0.005	90	12740	0.0831	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	12843	0.0838	
132 Sulfotepp	202		9.152					9
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.332	9.333	0.0	48	4469	0.1113	
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284	9.397	9.397	0.0	61	4967	0.1201	
138 Dimethoate	87		9.430					
140 Atrazine	200	9.445	9.450	-0.005	63	3709	0.1255	
141 Pentachlorophenol	266	9.557	9.557	0.0	37	3710	0.5089	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	88	23856	0.1109	
147 Anthracene	178	9.787	9.792	-0.005	94	22769	0.1065	
148 DFTPP								
149 Carbazole	167	9.910	9.916	-0.006	75	20920	0.1008	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	93	26617	0.1141	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	91	23942	0.1008	
158 Benzidine	184	10.846	10.846	0.0	52	6530	0.4494	
160 Pyrene	202	10.953	10.959	-0.005	93	27020	0.1092	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	77	11286	0.2368	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.135					9
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	37	4059	0.2293	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	37	8684	0.2976	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	83	17907	0.3175	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	45	25825	0.1193	
176 Chrysene	228	12.263	12.274	-0.011	69	22320	0.1082	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.071	13.082	-0.011	54	24224	0.4262	
180 Benzo[b]fluoranthene	252	13.692	13.702	-0.010	80	24157	0.1093	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	56	25477	0.1061	
182 Benzo[a]pyrene	252	14.178	14.194	-0.016	1	21638	0.2097	M
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	67	22073	0.1709	M
187 Dibenz(a,h)anthracene	278	15.933	15.933	0.0	37	19863	0.2612	M
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	84	19647	0.0991	
S 189 Methyl Phenols,Total	100				0		0.1051	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.107	3.050	0.057	1	69	0	
T 194 Octadecane (TIC)	254	13.365	6.297	7.065	86	22950	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

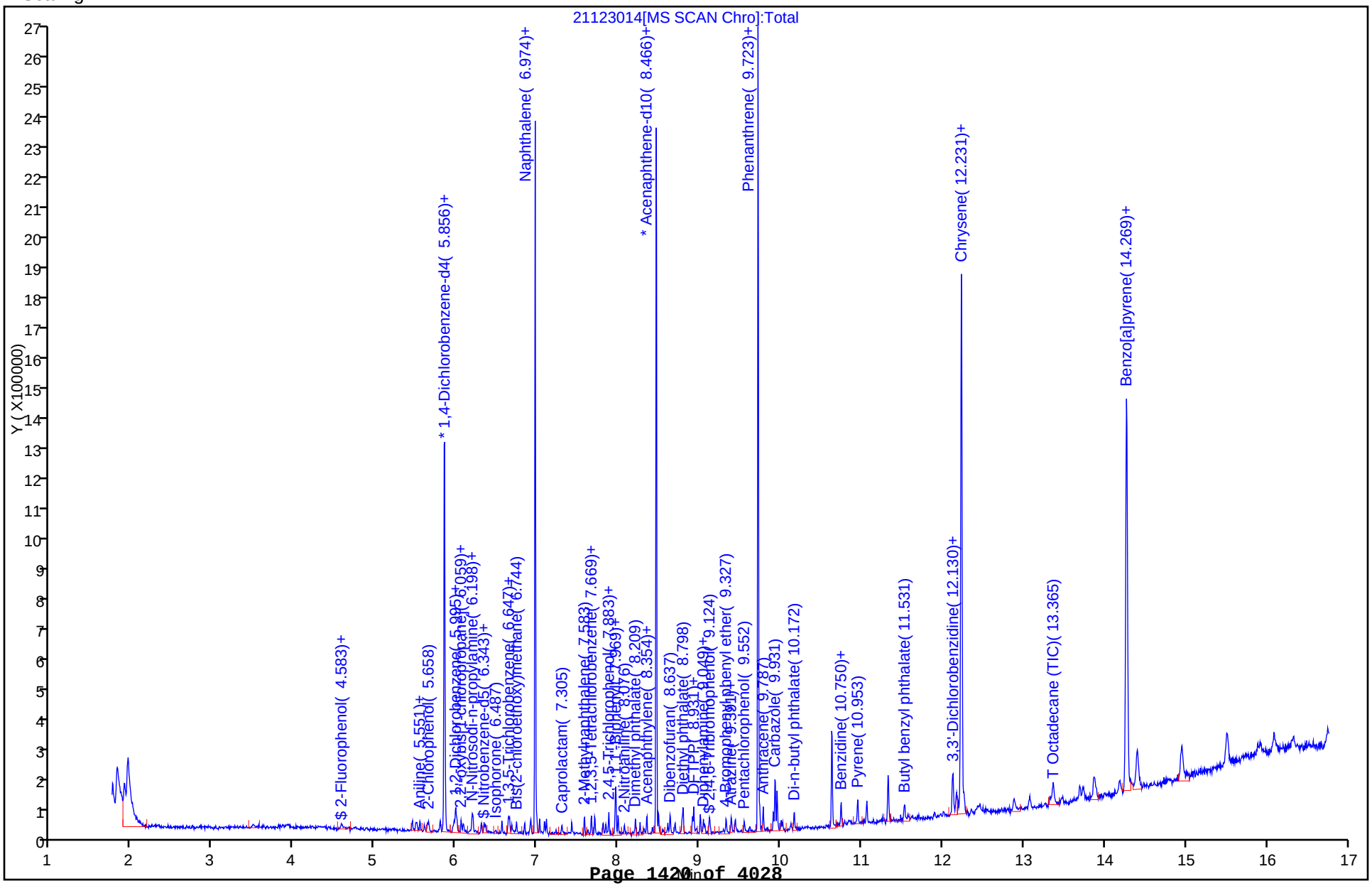
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 14:41:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

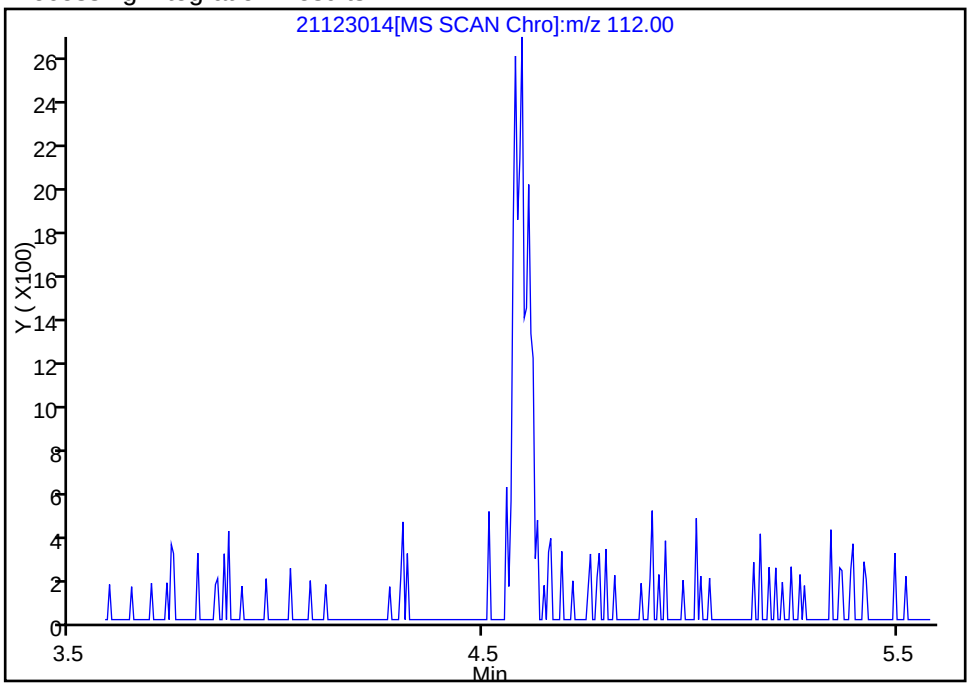
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

$ 7 2-Fluorophenol, Signal: 1, m/z: 112.0 Type: quant, RT: 4.58

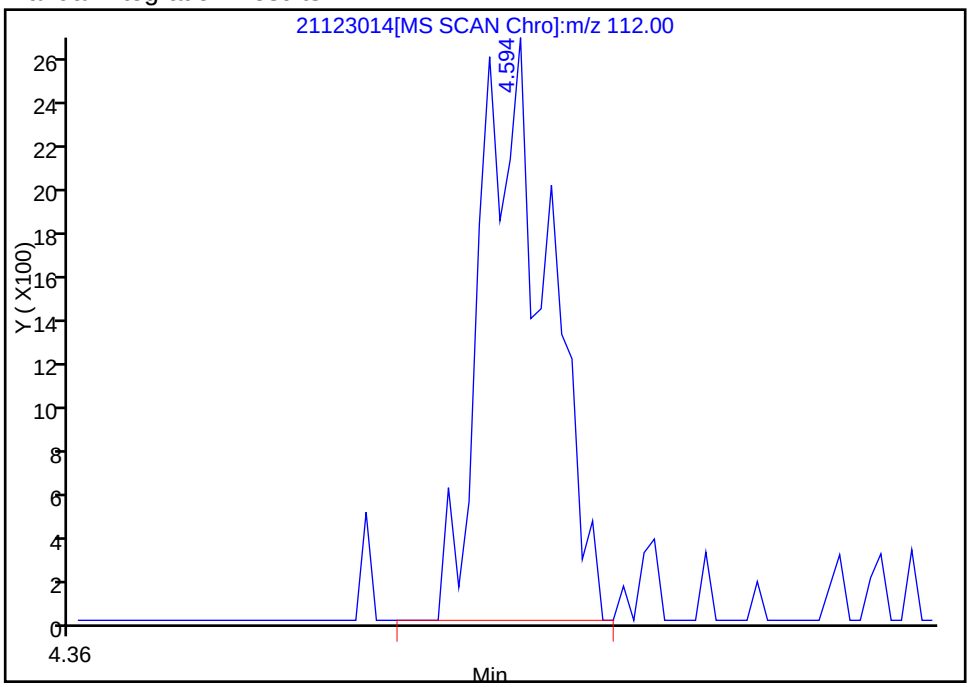
Processing Integration Results

Not Detected
Expected RT: 4.58



Manual Integration Results

RT: 4.59
Response: 6581
Amount: 0.104175



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

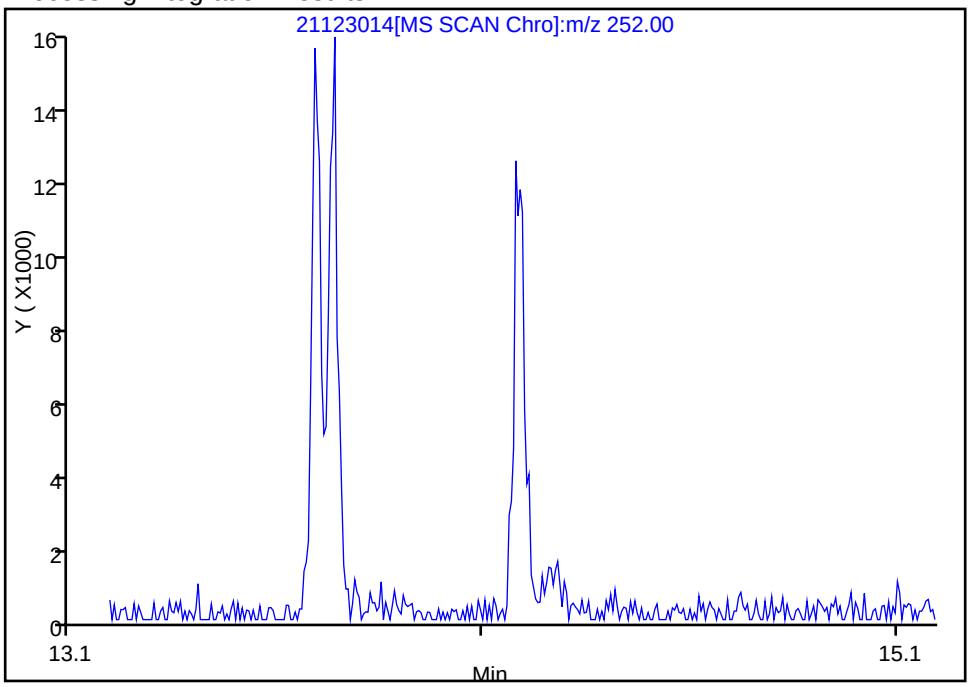
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.19

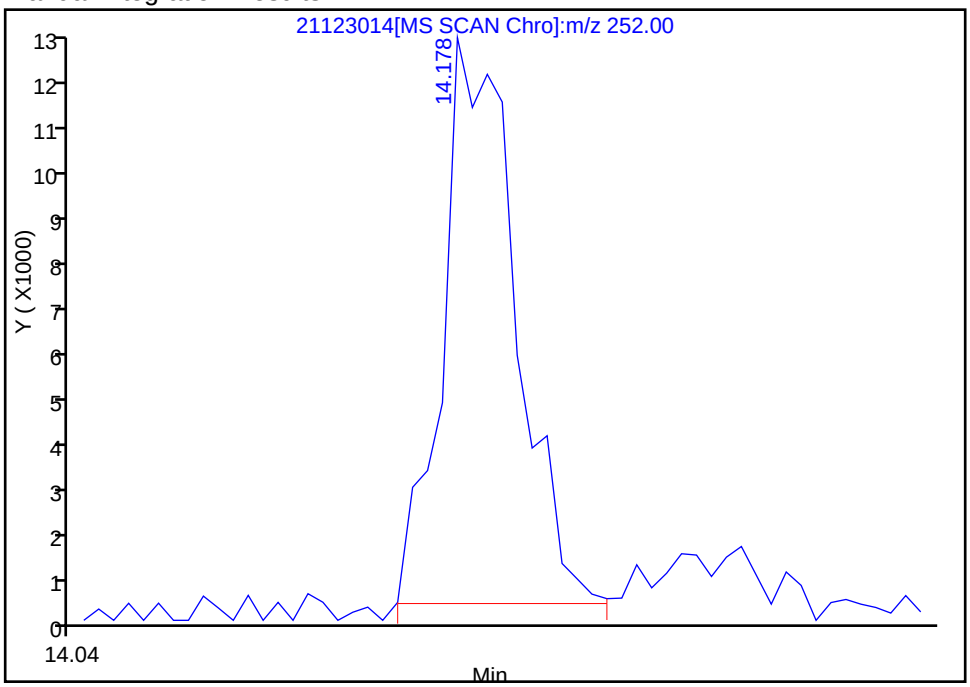
Processing Integration Results

Not Detected
Expected RT: 14.19



Manual Integration Results

RT: 14.18
Response: 21638
Amount: 0.209679



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

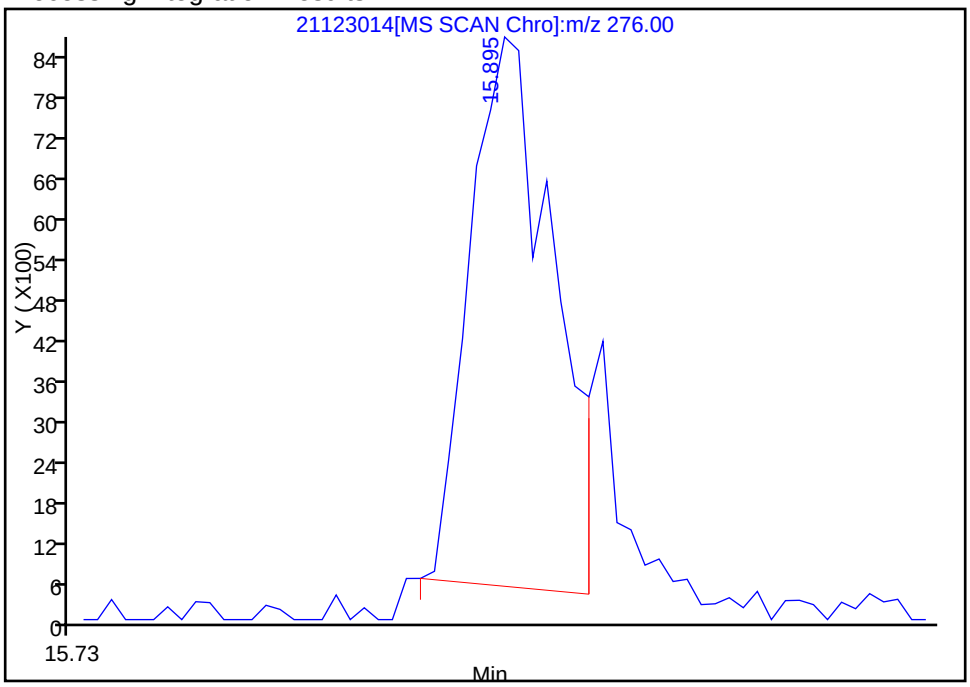
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.91

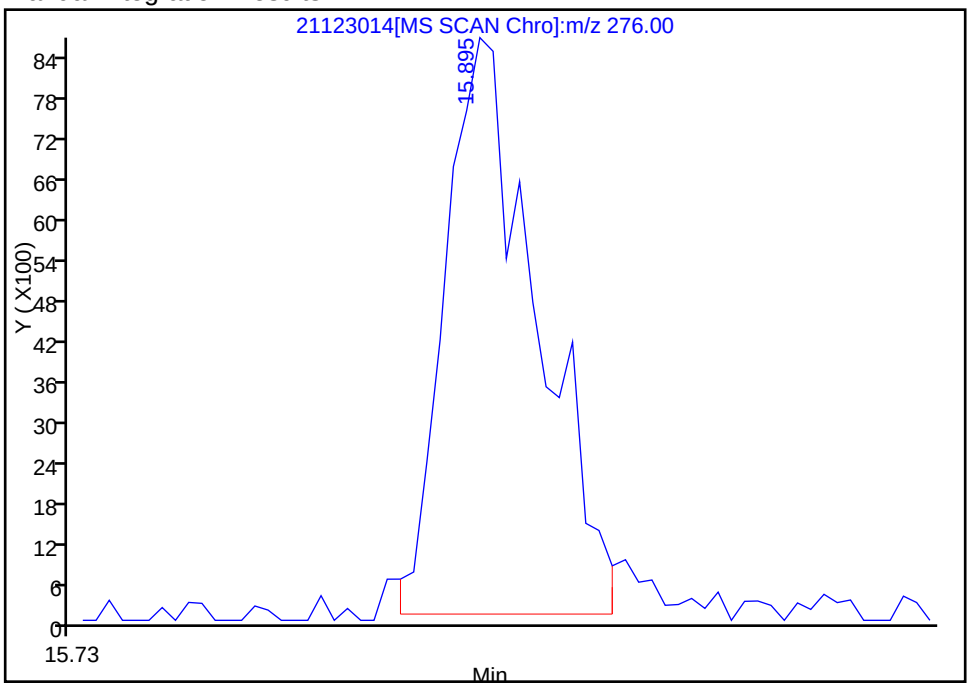
Processing Integration Results

RT: 15.90
Response: 18041
Amount: 0.154468



Manual Integration Results

RT: 15.90
Response: 22073
Amount: 0.170872



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

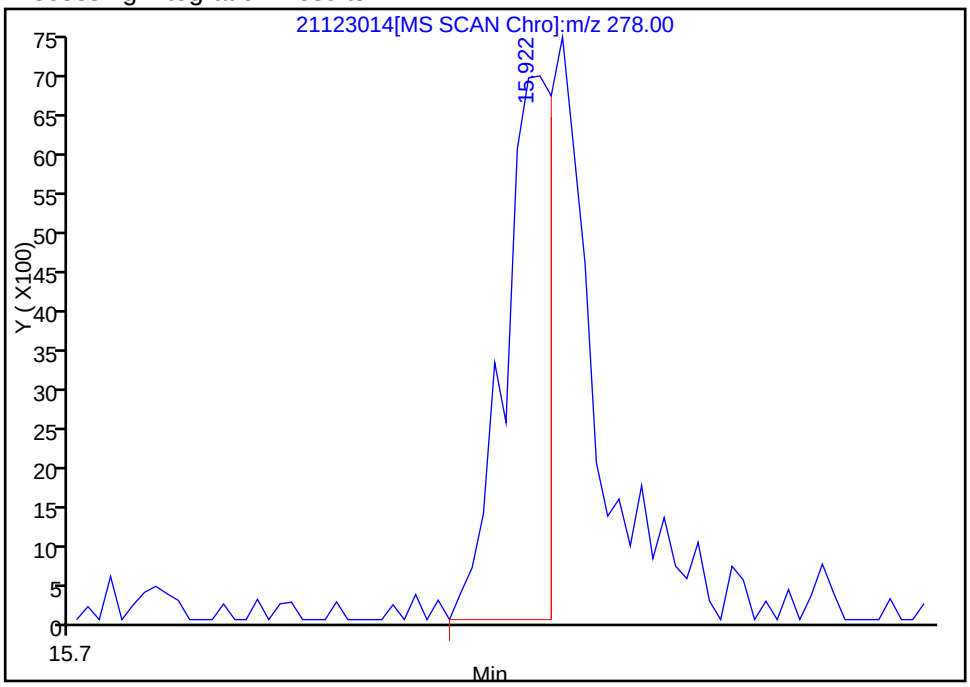
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 15.93

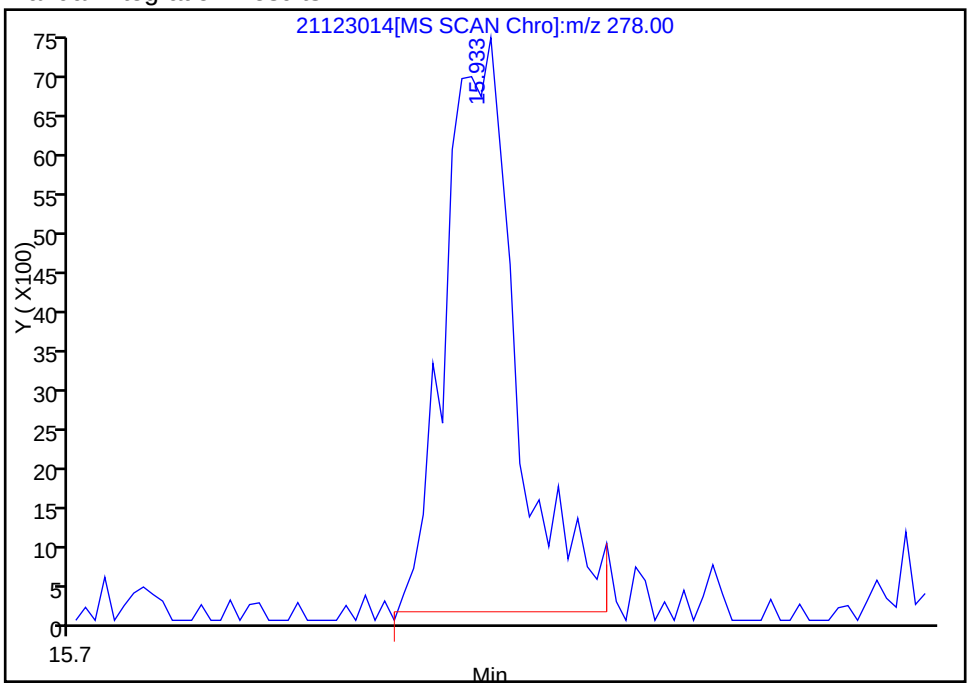
Processing Integration Results

RT: 15.92
Response: 11127
Amount: 0.220463



Manual Integration Results

RT: 15.93
Response: 19863
Amount: 0.261167



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/23/2012 15:21

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.436	0.500		
N-Nitrosodimethylamine	Qua				0.769	0.500		
Pyridine	Ave	1.330			0.286	0.500		
Benzaldehyde	Ave	1.043			0.534	0.500		
Phenol	Ave	1.674			0.494	0.500		
Aniline	Ave	2.093			0.497	0.500		
Bis(2-chloroethyl)ether	Ave	1.293			0.504	0.500		
2-Chlorophenol	Ave	1.352			0.495	0.500		
1,3-Dichlorobenzene	Ave	1.457			0.481	0.500		
1,4-Dichlorobenzene	Ave	1.448			0.500	0.500		
Benzyl alcohol	Ave	0.8332			0.507	0.500		
1,2-Dichlorobenzene	Ave	1.380			0.545	0.500		
2-Methylphenol	Ave	1.220			0.510	0.500		
3 & 4 Methylphenol	Ave	1.279			0.486	0.500		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.540	0.500		
Acetophenone	Ave	1.808			0.494	0.500		
Hexachloroethane	Ave	0.5884			0.501	0.500		
Nitrobenzene	Ave	0.3635			0.502	0.500		
Isophorone	Ave	0.6380			0.517	0.500		
2-Nitrophenol	Ave	0.1710			0.469	0.500		
2,4-Dimethylphenol	Ave	0.3362			0.526	0.500		
Benzoic acid	Qua				1.91	1.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.498	0.500		
2,4-Dichlorophenol	Ave	0.2657			0.483	0.500		
1,2,4-Trichlorobenzene	Ave	0.3169			0.534	0.500		
Naphthalene	Ave	0.999			0.507	0.500		
Hexachlorobutadiene	Ave	0.1716			0.545	0.500		
Caprolactam	Qua				0.835	0.500		
4-Chloro-3-methylphenol	Ave	0.2854			0.475	0.500		
2-Methylnaphthalene	Ave	0.6393			0.525	0.500		
Hexachlorocyclopentadiene	Ave	0.3241			0.208	0.500		
2,4,6-Trichlorophenol	Ave	0.3372			0.482	0.500		
2,4,5-Trichlorophenol	Ave	0.3632			0.511	0.500		
1,1'-Biphenyl	Ave	1.413			0.519	0.500		
2-Chloronaphthalene	Ave	1.105			0.497	0.500		
2-Nitroaniline	Ave	0.3242			0.518	0.500		
Dimethyl phthalate	Ave	1.175			0.528	0.500		
2,6-Dinitrotoluene	Qua				0.844	0.500		
Acenaphthylene	Ave	1.825			0.495	0.500		
3-Nitroaniline	Ave	0.2941			0.457	0.500		
Acenaphthene	Ave	1.097			0.484	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/23/2012 15:21

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.48	1.00		
4-Nitrophenol	Ave	0.1694			0.384	0.500		
2,4-Dinitrotoluene	Qua				0.779	0.500		
Dibenzofuran	Ave	1.629			0.515	0.500		
Diethyl phthalate	Ave	1.228			0.539	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.517	0.500		
4-Nitroaniline	Qua				0.657	0.500		
Fluorene	Ave	1.308			0.480	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.834	0.500		
N-Nitrosodiphenylamine	Ave	0.5517			0.494	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.478	0.500		
4-Bromophenyl phenyl ether	Ave	0.2040			0.534	0.500		
Hexachlorobenzene	Ave	0.2101			0.564	0.500		
Atrazine	Ave	0.1501			0.560	0.500		
Pentachlorophenol	Qua				1.12	1.00		
Phenanthrene	Ave	1.093			0.495	0.500		
Anthracene	Ave	1.086			0.508	0.500		
Carbazole	Ave	1.055			0.482	0.500		
Di-n-butyl phthalate	Ave	1.185			0.505	0.500		
Fluoranthene	Ave	1.207			0.495	0.500		
Benzidine	Qua				0.684	0.500		
Pyrene	Ave	1.276			0.473	0.500		
Butyl benzyl phthalate	Qua				0.611	0.500		
3,3'-Dichlorobenzidine	Qua				0.647	0.500		
Bis(2-ethylhexyl) phthalate	Qua				0.628	0.500		
Benzo[a]anthracene	Ave	1.116			0.494	0.500		
Chrysene	Ave	1.064			0.490	0.500		
Di-n-octyl phthalate	Qua				0.750	0.500		
Benzo[b]fluoranthene	Ave	1.276			0.473	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.494	0.500		
Benzo[a]pyrene	Qua				0.572	0.500		
Indeno[1,2,3-cd]pyrene	Qua				0.512	0.500		
Dibenz(a,h)anthracene	Qua				0.557	0.500		
Benzo[g,h,i]perylene	Ave	1.145			0.449	0.500		
2-Fluorophenol (Surr)	Ave	1.236			0.446	0.500	89	35-105
Phenol-d5 (Surr)	Ave	1.570			0.497	0.500	99	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.515	0.500	103*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.499	0.500	100	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.539	0.500	108	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.479	0.500	96	30-125

Report Date: 26-Nov-2012 14:41:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123015.D
Lims ID: mdll2 Client ID:
Inject. Date: 23-Nov-2012 15:21:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015199-015
Misc. Info.: mdll2
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 66051 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 14:12:55 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 26-Nov-2012 10:38:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	96	213354	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	808794	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	93	463415	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	800249	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	96	835381	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	91	718632	4.00	
$ 7 2-Fluorophenol	112	4.588	4.583	0.005	73	29388	0.4456	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	89	41580	0.4966	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	36588	0.5145	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	98	75057	0.4992	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	80	10331	0.5389	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	96	74121	0.4791	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.294	2.294	0.0	59	10802	0.4363	M
25 N-Nitrosodimethylamine	74	2.754	2.738	0.016	76	17727	0.7688	
26 Pyridine	79	2.807	2.786	0.021	89	20294	0.2860	
232 1-Methyl-2-pyrrilidinone	99	3.337	3.271	0.066	0	61	0	
27 Ethyl methacrylate	69	3.487	3.486	0.001	87	26685	0.4526	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.904	3.898	0.006	82	16288	0.4140	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.289	4.267	0.022	81	16842	0.2269	
33 Acrylamide	71	4.412	4.401	0.011	1	189	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					14
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.369	5.376	-0.007	1	358	0	
38 3-Methylcyclohexanone	69	5.407	5.414	-0.007	1	279	0	
40 Benzaldehyde	77	5.455	5.455	0.0	92	29711	0.5341	
39 4-Methylcyclohexanone	55	5.455	5.462	-0.007	1	523	0	
41 Phenol	94	5.508	5.514	-0.006	95	44062	0.4936	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	89	55446	0.4966	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	90	34761	0.5041	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	94	35721	0.4953	
47 1,3-Dichlorobenzene	146	5.803	5.802	0.001	89	37405	0.4812	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	69	38647	0.5005	
49 Benzyl alcohol	108	5.968	5.968	0.0	93	22516	0.5066	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	92	40093	0.5445	
51 2-Methylphenol	108	6.059	6.059	0.0	90	33210	0.5104	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	89	54576	0.5393	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	96	33161	0.4861	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	86	26115	0.5405	
57 Acetophenone	105	6.204	6.209	-0.005	88	47650	0.4941	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	0.0	84	15722	0.5009	
61 Nitrobenzene	77	6.359	6.364	-0.005	83	36873	0.5017	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	99	66660	0.5167	
65 2-Nitrophenol	139	6.637	6.642	-0.005	93	16219	0.4690	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	95	34623	0.5399	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	91	35792	0.5265	
69 Benzoic acid	122	6.685	6.728	-0.043	81	22367	1.91	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	97	40776	0.4977	
71 2,4-Dichlorophenol	162	6.846	6.845	0.001	87	25930	0.4826	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	89	34209	0.5339	
73 Naphthalene	128	6.990	6.995	-0.005	95	102405	0.5067	
74 4-Chloroaniline	127	7.027	7.033	-0.006	78	41977	0.4873	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.092	7.091	0.001	86	18928	0.5454	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	86	30599	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.306	7.316	-0.010	79	9073	0.8352	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	88	27428	0.4753	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	88	67829	0.5247	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	93	63377	0.5152	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	44	7793	0.2075	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	94	34470	0.5473	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	92	18826	0.4820	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	92	21485	0.5106	
94 2,4-Toluene diamine	121	7.958	7.958	0.0	93	23718	0.5761	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	89	31444	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	92	84904	0.5187	
98 2-Chloronaphthalene	162	7.996	8.001	-0.005	93	63604	0.4970	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	66	19442	0.5176	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	71896	0.5282	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	91	14351	0.8441	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	83	7501	0.4967	
107 Acenaphthylene	152	8.349	8.354	-0.005	92	104572	0.4947	
108 3-Nitroaniline	138	8.418	8.418	0.0	94	15575	0.4572	
110 Acenaphthene	153	8.493	8.498	-0.005	89	61510	0.4839	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	38	4782	2.48	
111 4-Nitrophenol	109	8.541	8.536	0.005	84	7541	0.3843	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	84	18711	0.7786	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.637	8.643	-0.006	86	97121	0.5148	
115 2,3,5,6-Tetrachlorophenol	232	8.702	8.701	0.001	76	16581	0.4780	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.798	8.803	-0.005	95	76720	0.5392	
120 Thionazin	97		8.901					
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	89	37065	0.5171	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.932	8.931	0.001	94	72729	0.4800	
123 4-Nitroaniline	138	8.932	8.937	-0.005	40	14503	0.6569	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	1	4754	0.8339	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	54562	0.4944	
128 Diphenylamine	169	9.012	9.040	-0.028	92	54562	0.4509	
131 Azobenzene	77	9.049	9.054	-0.005	98	74516	0.4785	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	74516	0.4785	
132 Sulfotepp	202	9.119	9.152	-0.033	67	8997	0.7989	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	60	21815	0.5345	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.392	9.397	-0.005	83	23723	0.5644	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	90	16830	0.5603	
141 Pentachlorophenol	266	9.552	9.557	-0.005	82	21152	1.12	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.745	9.750	-0.005	92	108231	0.4951	
147 Anthracene	178	9.787	9.792	-0.005	97	110324	0.5079	
148 DFTPP								
149 Carbazole	167	9.910	9.916	-0.006	84	101766	0.4823	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	98	119584	0.5046	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	96	119587	0.4953	
158 Benzidine	184	10.846	10.846	0.0	96	40172	0.6841	
160 Pyrene	202	10.953	10.959	-0.005	97	126137	0.4732	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	93	52294	0.6110	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	85	16837	1.00	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	69	21167	0.6340	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	62	42213	0.6470	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	94	66926	0.6276	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	92	115148	0.4939	
176 Chrysene	228	12.264	12.274	-0.010	84	108775	0.4896	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.082	13.082	0.0	95	108449	0.7500	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	92	108529	0.4734	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.010	94	123120	0.4942	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	72	106342	0.5716	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	96	109986	0.5120	
187 Dibenz(a,h)anthracene	278	15.917	15.933	-0.016	65	86460	0.5567	
188 Benzo[g,h,i]perylene	276	16.329	16.334	-0.005	91	92466	0.4494	
S 189 Methyl Phenols,Total	100				0		0.5104	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.059	3.050	0.009	1	237	0	
T 194 Octadecane (TIC)	254	13.366	6.297	7.066	90	36732	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

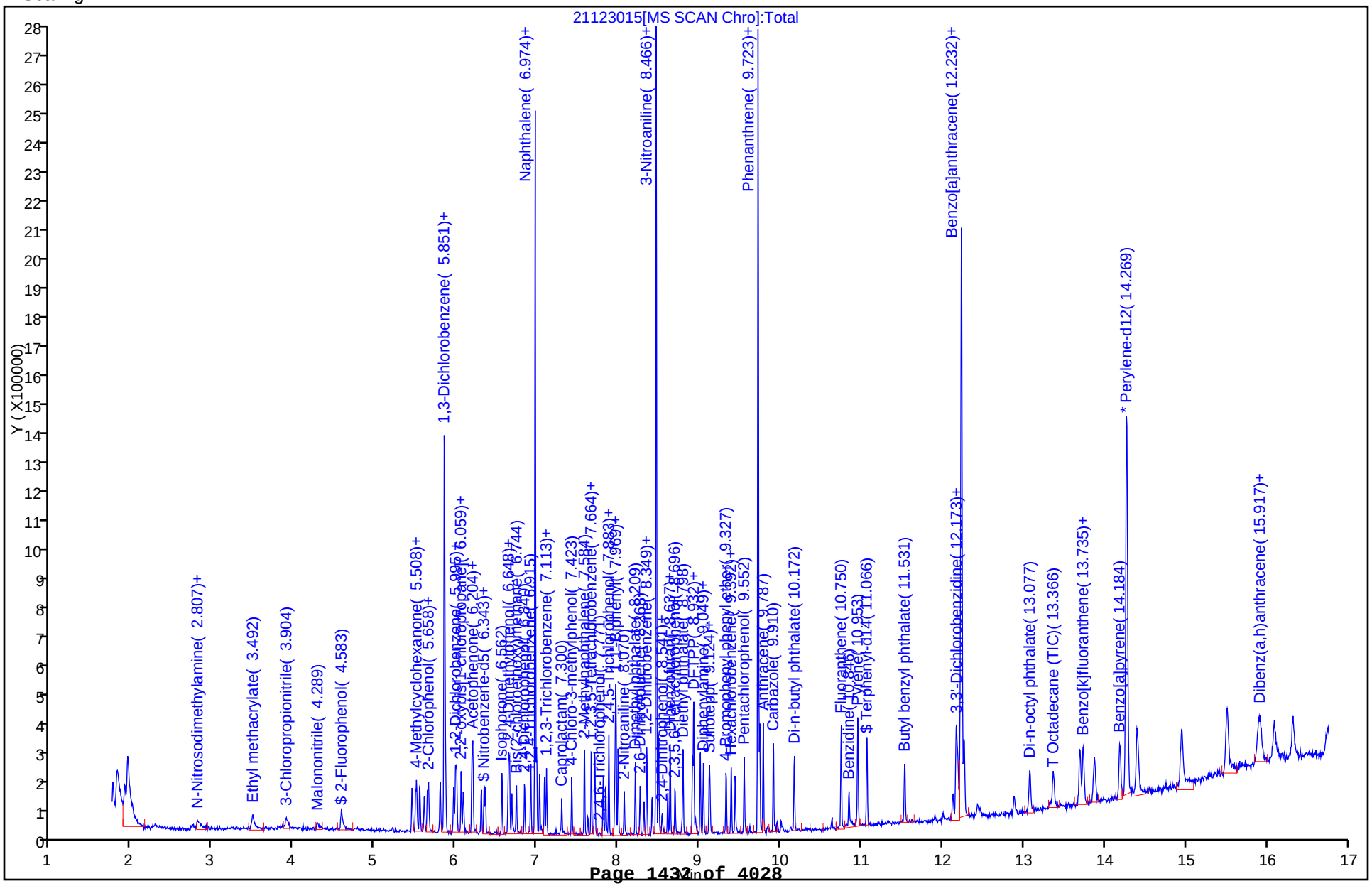
Report Date: 26-Nov-2012 14:41:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123015.D

Injection Date:	23-Nov-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

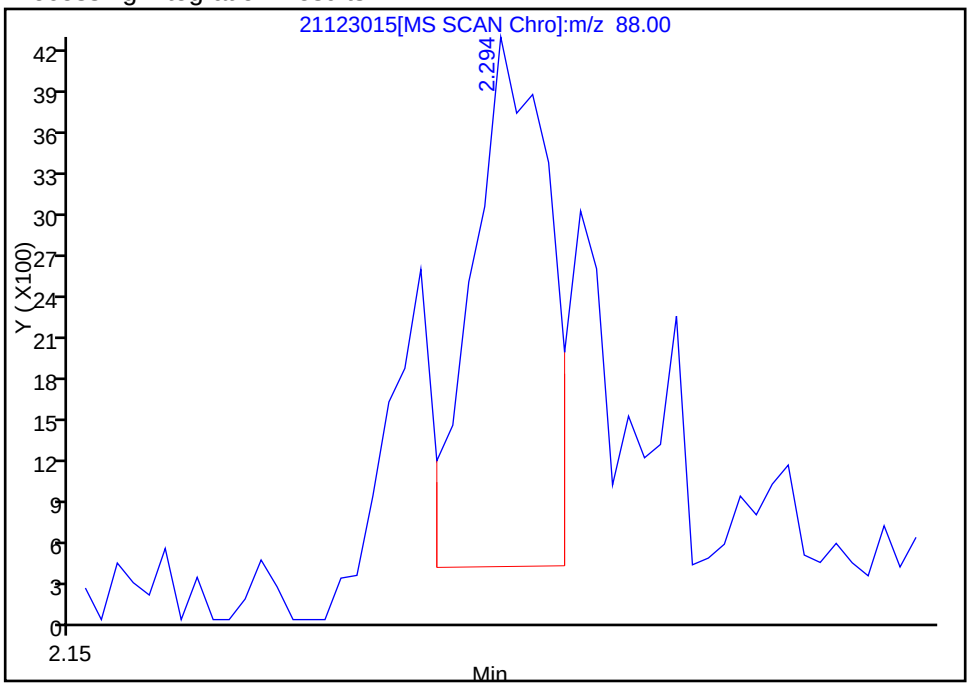
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123015.D		
Injection Date:	23-Nov-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.29

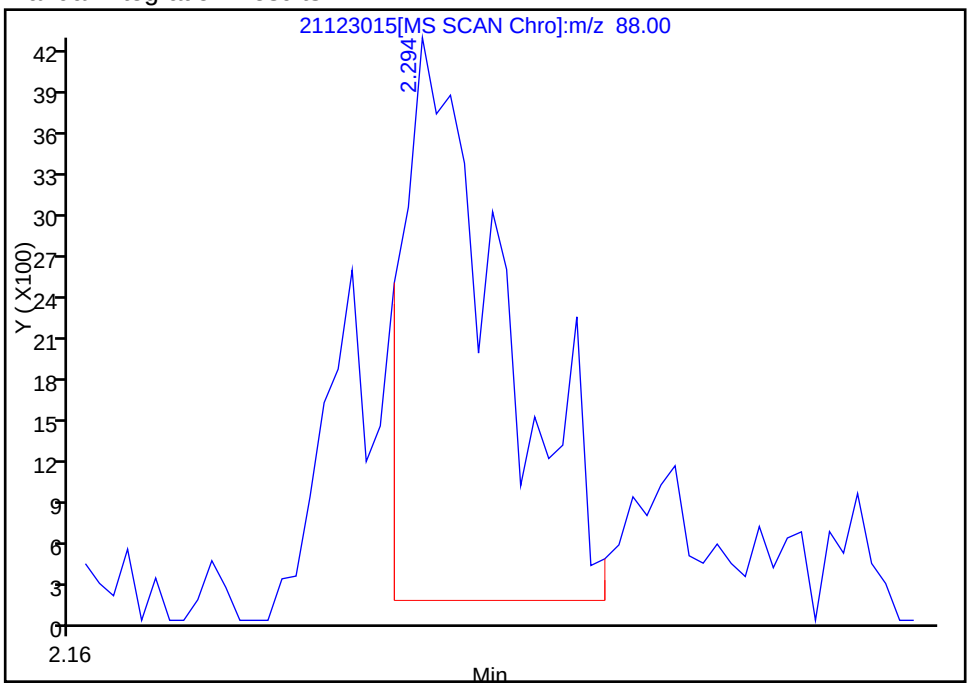
Processing Integration Results

RT: 2.29
Response: 6925
Amount: 0.279689



Manual Integration Results

RT: 2.29
Response: 10802
Amount: 0.436274



Reviewer: gruberj, 26-Nov-2012 10:38:07
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/23/2012 15:45

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.679	1.00		
N-Nitrosodimethylamine	Qua				0.999	1.00		
Pyridine	Ave	1.330			0.951	1.00		
Benzaldehyde	Ave	1.043			1.05	1.00		
Phenol	Ave	1.674			1.00	1.00		
Aniline	Ave	2.093			0.986	1.00		
Bis(2-chloroethyl)ether	Ave	1.293			0.997	1.00		
2-Chlorophenol	Ave	1.352			1.01	1.00		
1,3-Dichlorobenzene	Ave	1.457			0.980	1.00		
1,4-Dichlorobenzene	Ave	1.448			0.945	1.00		
Benzyl alcohol	Ave	0.8332			0.982	1.00		
1,2-Dichlorobenzene	Ave	1.380			1.03	1.00		
2-Methylphenol	Ave	1.220			0.981	1.00		
3 & 4 Methylphenol	Ave	1.279			1.02	1.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			1.09	1.00		
Acetophenone	Ave	1.808			1.03	1.00		
Hexachloroethane	Ave	0.5884			0.990	1.00		
Nitrobenzene	Ave	0.3635			0.956	1.00		
Isophorone	Ave	0.6380			1.03	1.00		
2-Nitrophenol	Ave	0.1710			0.914	1.00		
2,4-Dimethylphenol	Ave	0.3362			0.978	1.00		
Benzoic acid	Qua				2.64	2.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.969	1.00		
2,4-Dichlorophenol	Ave	0.2657			1.01	1.00		
1,2,4-Trichlorobenzene	Ave	0.3169			1.01	1.00		
Naphthalene	Ave	0.999			0.987	1.00		
Hexachlorobutadiene	Ave	0.1716			1.01	1.00		
Caprolactam	Qua				1.32	1.00		
4-Chloro-3-methylphenol	Ave	0.2854			1.01	1.00		
2-Methylnaphthalene	Ave	0.6393			0.975	1.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.482	1.00		
2,4,6-Trichlorophenol	Ave	0.3372			1.08	1.00		
2,4,5-Trichlorophenol	Ave	0.3632			1.00	1.00		
1,1'-Biphenyl	Ave	1.413			0.950	1.00		
2-Chloronaphthalene	Ave	1.105			0.967	1.00		
2-Nitroaniline	Ave	0.3242			0.991	1.00		
Dimethyl phthalate	Ave	1.175			0.992	1.00		
2,6-Dinitrotoluene	Qua				1.26	1.00		
Acenaphthylene	Ave	1.825			1.00	1.00		
3-Nitroaniline	Ave	0.2941			0.997	1.00		
Acenaphthene	Ave	1.097			1.01	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/23/2012 15:45

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.75	2.00		
4-Nitrophenol	Ave	0.1694			0.963	1.00		
2,4-Dinitrotoluene	Qua				1.24	1.00		
Dibenzofuran	Ave	1.629			0.996	1.00		
Diethyl phthalate	Ave	1.228			1.02	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.977	1.00		
4-Nitroaniline	Qua				1.16	1.00		
Fluorene	Ave	1.308			1.01	1.00		
4,6-Dinitro-2-methylphenol	Qua				1.05	1.00		
N-Nitrosodiphenylamine	Ave	0.5517			0.983	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.979	1.00		
4-Bromophenyl phenyl ether	Ave	0.2040			0.939	1.00		
Hexachlorobenzene	Ave	0.2101			1.00	1.00		
Atrazine	Ave	0.1501			1.05	1.00		
Pentachlorophenol	Qua				1.98	2.00		
Phenanthrene	Ave	1.093			0.951	1.00		
Anthracene	Ave	1.086			0.987	1.00		
Carbazole	Ave	1.055			0.945	1.00		
Di-n-butyl phthalate	Ave	1.185			0.994	1.00		
Fluoranthene	Ave	1.207			0.956	1.00		
Benzidine	Qua				1.06	1.00		
Pyrene	Ave	1.276			0.939	1.00		
Butyl benzyl phthalate	Qua				1.08	1.00		
3,3'-Dichlorobenzidine	Qua				1.10	1.00		
Bis(2-ethylhexyl) phthalate	Qua				1.13	1.00		
Benzo[a]anthracene	Ave	1.116			0.984	1.00		
Chrysene	Ave	1.064			0.975	1.00		
Di-n-octyl phthalate	Qua				1.18	1.00		
Benzo[b]fluoranthene	Ave	1.276			1.03	1.00		
Benzo[k]fluoranthene	Ave	1.387			0.945	1.00		
Benzo[a]pyrene	Qua				1.02	1.00		
Indeno[1,2,3-cd]pyrene	Qua				0.930	1.00		
Dibenz(a,h)anthracene	Qua				0.984	1.00		
Benzo[g,h,i]perylene	Ave	1.145			0.825	1.00		
2-Fluorophenol (Surr)	Ave	1.236			0.961	1.00	96	35-105
Phenol-d5 (Surr)	Ave	1.570			1.01	1.00	101*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			1.06	1.00	106*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			1.03	1.00	103	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.990	1.00	99	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.957	1.00	96	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123016.D		
Lims ID:	mdll3	Client ID:	
Inject. Date:	23-Nov-2012 15:45:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015199-016		
Misc. Info.:	mdll3		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	66051	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	26-Nov-2012 10:40:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	94	233652	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	918150	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	91	512225	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	911198	4.00	
* 5 Chrysene-d12	240	12.231	12.242	-0.011	97	942103	4.00	
* 6 Perylene-d12	264	14.275	14.275	0.0	92	819032	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	90	69383	0.9606	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	96	92828	1.01	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	85529	1.06	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	98	170742	1.03	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	85	20988	0.99	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	98	166994	0.9571	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.294	2.294	0.0	86	18420	0.6793	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	89	30590	1.00	
26 Pyridine	79	2.802	2.786	0.016	95	73864	0.9506	
232 1-Methyl-2-pyrrilidinone	99	3.203	3.271	-0.068	0	113	0	
27 Ethyl methacrylate	69	3.492	3.486	0.006	83	63116	0.9776	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	83	38927	0.9035	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.273	4.267	0.006	97	69659	0.8570	
33 Acrylamide	71	4.422	4.401	0.021	1	331	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.358	5.376	-0.018	1	413	0	
38 3-Methylcyclohexanone	69	5.412	5.414	-0.002	1	325	0	
40 Benzaldehyde	77	5.455	5.455	0.0	90	63730	1.05	
39 4-Methylcyclohexanone	55	5.514	5.462	0.052	16	8247	0	
41 Phenol	94	5.508	5.514	-0.006	99	97815	1.00	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	97	120608	0.9864	
44 Bis(2-chloroethyl)ether	93	5.604	5.605	0.0	93	75311	1.00	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	94	79866	1.01	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	97	83451	0.9802	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	79	79911	0.9449	
49 Benzyl alcohol	108	5.968	5.968	0.0	91	47778	0.9817	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	93	82901	1.03	
51 2-Methylphenol	108	6.059	6.059	0.0	95	69897	0.9808	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	91	113895	1.03	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	96	76552	1.02	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	92	57469	1.09	
57 Acetophenone	105	6.209	6.209	0.0	96	109186	1.03	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	-0.001	97	34033	0.99	
61 Nitrobenzene	77	6.359	6.364	-0.005	84	79777	0.9562	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	99	150933	1.03	
65 2-Nitrophenol	139	6.637	6.642	-0.005	92	35888	0.9141	
66 1,3,5-Trichlorobenzene	180	6.647	6.653	-0.006	93	74330	1.02	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	81	75507	0.9783	
69 Benzoic acid	122	6.690	6.728	-0.038	83	65303	2.64	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	99	90141	0.9691	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	95	61619	1.01	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	89	73285	1.01	
73 Naphthalene	128	6.995	6.995	0.0	96	226543	0.9875	
74 4-Chloroaniline	127	7.027	7.033	-0.006	82	91751	0.9382	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.091	7.091	0.0	87	39787	1.01	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	87	63914	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.300	7.316	-0.016	73	23185	1.32	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	88	66377	1.01	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.583	7.584	-0.001	90	143005	0.9745	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	82	138141	0.9893	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	55	20001	0.4819	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	95	73540	1.06	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.813	7.814	-0.001	89	46605	1.08	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	90	46679	1.00	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	94	50463	1.08	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	93	67407	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	95	171945	0.9504	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	96	136810	0.9672	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	69	41166	0.99	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	149200	0.99	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	93	30838	1.26	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	84	17133	1.03	
107 Acenaphthylene	152	8.354	8.354	0.0	90	234689	1.00	
108 3-Nitroaniline	138	8.418	8.418	0.0	92	37552	1.00	
110 Acenaphthene	153	8.498	8.498	0.0	92	142447	1.01	
109 2,4-Dinitrophenol	184	8.503	8.509	-0.006	65	12495	2.75	
111 4-Nitrophenol	109	8.536	8.536	0.0	92	20880	0.9627	
112 2,4-Dinitrotoluene	165	8.610	8.616	-0.006	92	42820	1.24	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.637	8.643	-0.006	89	207661	1.00	
115 2,3,5,6-Tetrachlorophenol	232	8.696	8.701	-0.005	88	36246	0.9454	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	96	159856	1.02	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	92	77442	0.9774	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	89	168639	1.01	
123 4-Nitroaniline	138	8.926	8.937	-0.011	62	37717	1.16	
122 N-Nitro-o-toluidine	152		8.954					9
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	63	12095	1.05	
125 Tributyl phosphate	99	8.963	8.992	-0.029	57	4477	0.4211	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	123569	0.9833	
128 Diphenylamine	169	9.012	9.040	-0.028	96	123569	0.8968	
131 Azobenzene	77	9.049	9.054	-0.005	98	173661	0.9793	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	173661	0.9793	
132 Sulfotepp	202	9.124	9.152	-0.028	77	16991	1.15	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.332	9.333	0.0	64	43628	0.9387	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.391	9.397	-0.006	89	47870	1.00	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	93	35967	1.05	
141 Pentachlorophenol	266	9.552	9.557	-0.005	83	51930	1.98	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	93	236641	0.9506	
147 Anthracene	178	9.787	9.792	-0.005	97	244014	0.9866	
148 DFTPP								
149 Carbazole	167	9.915	9.916	-0.001	85	227147	0.9454	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	268210	0.99	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.750	10.755	-0.005	97	262931	0.9564	
158 Benzidine	184	10.846	10.846	0.0	98	105133	1.06	
160 Pyrene	202	10.953	10.959	-0.005	96	282146	0.9386	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.370					
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	96	116238	1.08	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	83	45521	1.40	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	71	45138	1.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	69	95730	1.10	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	95	163401	1.13	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	97	258680	0.9839	
176 Chrysene	228	12.269	12.274	-0.005	87	244211	0.9746	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	98	251341	1.18	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	93	268210	1.03	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	94	268318	0.9451	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	70	238864	1.02	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	92	247272	0.9300	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	81	207256	0.9844	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	92	193421	0.8249	
S 189 Methyl Phenols,Total	100				0		0.9808	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.284	0.0	7.284	86	16773	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.069	3.050	0.019	1	93	0	
T 194 Octadecane (TIC)	254	16.099	6.297	9.799	93	36255	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

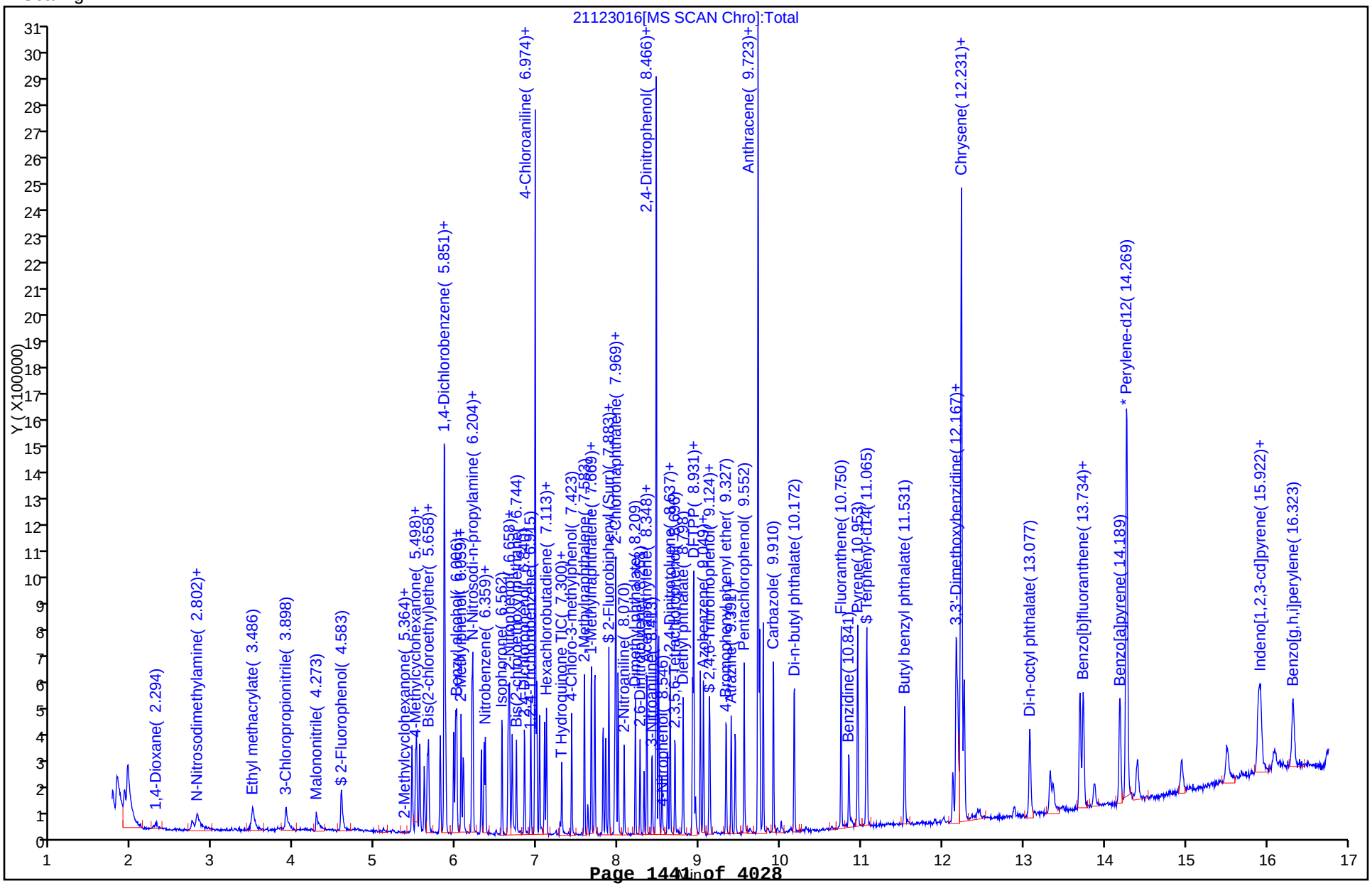
Report Date: 26-Nov-2012 14:41:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123016.D

Injection Date:	23-Nov-2012 15:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/23/2012 16:08

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			1.70	2.00		
N-Nitrosodimethylamine	Qua				2.08	2.00		
Pyridine	Ave	1.330			1.81	2.00		
Benzaldehyde	Ave	1.043			2.12	2.00		
Phenol	Ave	1.674			2.01	2.00		
Aniline	Ave	2.093			1.90	2.00		
Bis(2-chloroethyl)ether	Ave	1.293			2.03	2.00		
2-Chlorophenol	Ave	1.352			1.99	2.00		
1,3-Dichlorobenzene	Ave	1.457			1.94	2.00		
1,4-Dichlorobenzene	Ave	1.448			1.97	2.00		
Benzyl alcohol	Ave	0.8332			2.03	2.00		
1,2-Dichlorobenzene	Ave	1.380			2.01	2.00		
2-Methylphenol	Ave	1.220			2.01	2.00		
3 & 4 Methylphenol	Ave	1.279			2.01	2.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			2.08	2.00		
Acetophenone	Ave	1.808			2.01	2.00		
Hexachloroethane	Ave	0.5884			1.99	2.00		
Nitrobenzene	Ave	0.3635			2.08	2.00		
Isophorone	Ave	0.6380			2.10	2.00		
2-Nitrophenol	Ave	0.1710			2.04	2.00		
2,4-Dimethylphenol	Ave	0.3362			2.09	2.00		
Benzoic acid	Qua				3.99	4.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			2.01	2.00		
2,4-Dichlorophenol	Ave	0.2657			2.09	2.00		
1,2,4-Trichlorobenzene	Ave	0.3169			2.01	2.00		
Naphthalene	Ave	0.999			2.03	2.00		
Hexachlorobutadiene	Ave	0.1716			2.10	2.00		
Caprolactam	Qua				2.12	2.00		
4-Chloro-3-methylphenol	Ave	0.2854			2.05	2.00		
2-Methylnaphthalene	Ave	0.6393			2.06	2.00		
Hexachlorocyclopentadiene	Ave	0.3241			1.16	2.00		
2,4,6-Trichlorophenol	Ave	0.3372			2.01	2.00		
2,4,5-Trichlorophenol	Ave	0.3632			2.04	2.00		
1,1'-Biphenyl	Ave	1.413			1.95	2.00		
2-Chloronaphthalene	Ave	1.105			2.01	2.00		
2-Nitroaniline	Ave	0.3242			2.10	2.00		
Dimethyl phthalate	Ave	1.175			2.01	2.00		
2,6-Dinitrotoluene	Qua				2.14	2.00		
Acenaphthylene	Ave	1.825			1.98	2.00		
3-Nitroaniline	Ave	0.2941			2.08	2.00		
Acenaphthene	Ave	1.097			2.04	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/23/2012 16:08

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				3.67	4.00		
4-Nitrophenol	Ave	0.1694			1.73	2.00		
2,4-Dinitrotoluene	Qua				2.19	2.00		
Dibenzofuran	Ave	1.629			1.91	2.00		
Diethyl phthalate	Ave	1.228			1.97	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			2.05	2.00		
4-Nitroaniline	Qua				2.18	2.00		
Fluorene	Ave	1.308			2.00	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.81	2.00		
N-Nitrosodiphenylamine	Ave	0.5517			1.97	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			2.02	2.00		
4-Bromophenyl phenyl ether	Ave	0.2040			1.99	2.00		
Hexachlorobenzene	Ave	0.2101			2.07	2.00		
Atrazine	Ave	0.1501			2.17	2.00		
Pentachlorophenol	Qua				3.90	4.00		
Phenanthrene	Ave	1.093			1.94	2.00		
Anthracene	Ave	1.086			1.99	2.00		
Carbazole	Ave	1.055			2.01	2.00		
Di-n-butyl phthalate	Ave	1.185			1.98	2.00		
Fluoranthene	Ave	1.207			2.00	2.00		
Benzidine	Qua				1.99	2.00		
Pyrene	Ave	1.276			1.98	2.00		
Butyl benzyl phthalate	Qua				2.17	2.00		
3,3'-Dichlorobenzidine	Qua				2.11	2.00		
Bis(2-ethylhexyl) phthalate	Qua				2.14	2.00		
Benzo[a]anthracene	Ave	1.116			2.04	2.00		
Chrysene	Ave	1.064			2.03	2.00		
Di-n-octyl phthalate	Qua				2.14	2.00		
Benzo[b]fluoranthene	Ave	1.276			1.92	2.00		
Benzo[k]fluoranthene	Ave	1.387			2.07	2.00		
Benzo[a]pyrene	Qua				2.03	2.00		
Indeno[1,2,3-cd]pyrene	Qua				1.77	2.00		
Dibenz(a,h)anthracene	Qua				1.85	2.00		
Benzo[g,h,i]perylene	Ave	1.145			1.74	2.00		
2-Fluorophenol (Surr)	Ave	1.236			1.92	2.00	96	35-105
Phenol-d5 (Surr)	Ave	1.570			2.04	2.00	102*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			2.10	2.00	105*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			1.99	2.00	99	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			2.01	2.00	101	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			1.94	2.00	97	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123017.D		
Lims ID:	mdll4	Client ID:	
Inject. Date:	23-Nov-2012 16:08:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015199-017		
Misc. Info.:	mdll4		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	66051	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	26-Nov-2012 11:22:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	97	201576	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	750297	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	90	440865	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	757409	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	96	762816	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	89	671647	4.00	
$ 7 2-Fluorophenol	112	4.588	4.583	0.005	86	119866	1.92	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	89	161225	2.04	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	89	138661	2.10	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	284262	1.99	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	83	36728	2.01	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	98	274164	1.94	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.288	2.294	-0.006	81	39864	1.70	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	84	71652	2.08	
26 Pyridine	79	2.802	2.786	0.016	92	121130	1.81	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69	3.487	3.486	0.0	86	110368	1.98	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	87	70247	1.89	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.273	4.267	0.006	97	121528	1.73	
33 Acrylamide	71	4.358	4.401	-0.043	20	74	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44	4.471	4.536	-0.065	0	1547	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.412	5.376	0.036	1	109	0	
38 3-Methylcyclohexanone	69	5.407	5.414	-0.007	1	219	0	
40 Benzaldehyde	77	5.455	5.455	0.0	92	111620	2.12	
39 4-Methylcyclohexanone	55	5.460	5.462	-0.002	1	2313	0	
41 Phenol	94	5.508	5.514	-0.006	99	169854	2.01	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	96	200167	1.90	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	95	132042	2.03	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	97	135534	1.99	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	96	142146	1.94	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	90	143781	1.97	
49 Benzyl alcohol	108	5.968	5.968	0.0	93	85286	2.03	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	93	139944	2.01	
51 2-Methylphenol	108	6.059	6.059	0.0	96	123337	2.01	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	91	196956	2.06	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	96	129510	2.01	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	89	95114	2.08	
57 Acetophenone	105	6.204	6.209	-0.005	91	183131	2.01	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	0.0	91	58978	1.99	
61 Nitrobenzene	77	6.359	6.364	-0.005	87	141987	2.08	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	97	251495	2.10	
65 2-Nitrophenol	139	6.637	6.642	-0.005	97	65427	2.04	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	93	126696	2.13	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	94	132016	2.09	
69 Benzoic acid	122	6.696	6.728	-0.032	85	113799	3.99	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	98	153082	2.01	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	96	104153	2.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	94	119733	2.01	
73 Naphthalene	128	6.990	6.995	-0.005	83	379642	2.03	
74 4-Chloroaniline	127	7.027	7.033	-0.006	94	159095	1.99	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.091	7.091	0.0	91	67701	2.10	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	91	115701	0	
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113	7.305	7.316	-0.011	71	36074	2.12	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	94	109494	2.05	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	89	247064	2.06	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	84	242308	2.12	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	64	41354	1.16	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	96	121826	2.03	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	90	74759	2.01	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	95	81744	2.04	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	99	87228	2.28	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	90	118487	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	93	303343	1.95	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	95	244171	2.01	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	80	74887	2.10	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	259751	2.01	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	91	53831	2.14	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	88	31040	2.16	
107 Acenaphthylene	152	8.354	8.354	0.0	93	397601	1.98	
108 3-Nitroaniline	138	8.418	8.418	0.0	96	67367	2.08	
110 Acenaphthene	153	8.498	8.498	0.0	93	247295	2.04	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	67	32262	3.67	
111 4-Nitrophenol	109	8.536	8.536	0.0	90	32258	1.73	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.006	89	75677	2.19	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.637	8.643	-0.006	88	342956	1.91	
115 2,3,5,6-Tetrachlorophenol	232	8.701	8.701	0.0	88	64459	1.95	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	97	266542	1.97	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	139662	2.05	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	82	288107	2.00	
123 4-Nitroaniline	138	8.931	8.937	-0.006	57	69688	2.18	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	83	30197	1.81	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	205820	1.97	
128 Diphenylamine	169	9.012	9.040	-0.028	95	205820	1.80	
131 Azobenzene	77	9.049	9.054	-0.005	98	297575	2.02	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	297427	2.02	
132 Sulfotepp	202	9.124	9.152	-0.028	79	33265	2.33	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	76804	1.99	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.391	9.397	-0.006	86	82467	2.07	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	90	61606	2.17	
141 Pentachlorophenol	266	9.552	9.557	-0.005	87	95099	3.90	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	95	400988	1.94	
147 Anthracene	178	9.787	9.792	-0.005	97	409482	1.99	
148 DFTPP								
149 Carbazole	167	9.916	9.916	0.0	85	400809	2.01	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	99	444071	1.98	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	97	456554	2.00	
158 Benzidine	184	10.846	10.846	0.0	99	206691	1.99	
160 Pyrene	202	10.953	10.959	-0.005	98	482396	1.98	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	97	201300	2.17	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	87	88250	2.34	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	69	77167	2.15	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	68	164640	2.11	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	274482	2.14	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	92	433460	2.04	
176 Chrysene	228	12.269	12.274	-0.005	92	410984	2.03	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	98	439364	2.14	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	94	411945	1.92	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.011	97	482733	2.07	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	68	416999	2.03	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					9
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	97	403859	1.77	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	74	350019	1.85	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	93	333833	1.74	
S 189 Methyl Phenols,Total	100				0		2.01	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.279	0.0	7.279	87	32893	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.027	3.050	-0.023	1	191	0	
T 194 Octadecane (TIC)	254	15.516	6.297	9.216	91	50983	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

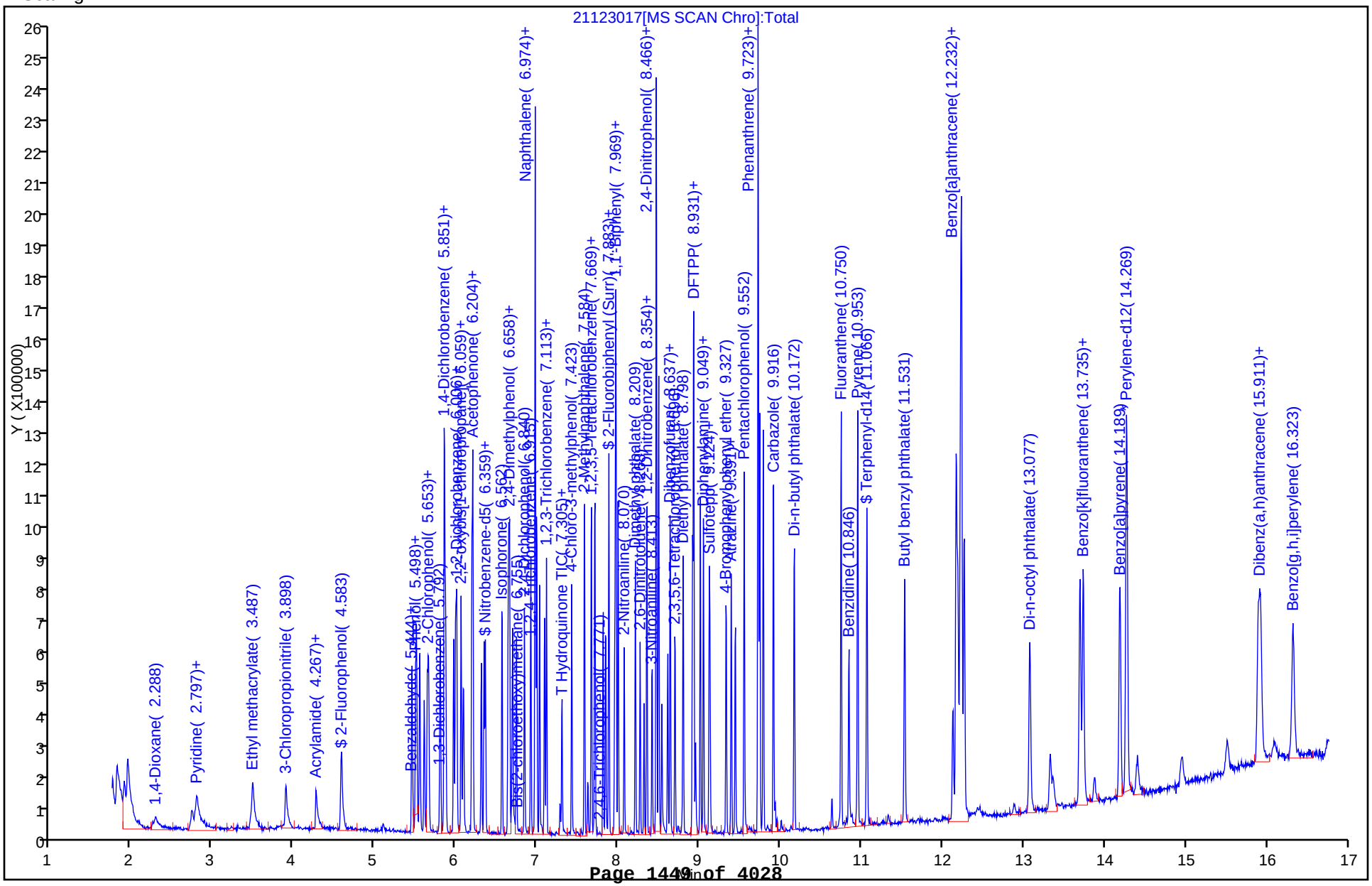
Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 26-Nov-2012 14:41:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123017.D		
Injection Date:	23-Nov-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66246/2 Calibration Date: 11/26/2012 10:29

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4536		9.77	10.0	-2.3	
N-Nitrosodimethylamine	Qua		0.8007		10.0	10.0	0.0	
Pyridine	Ave	1.330	1.315		9.89	10.0	-1.1	
Benzaldehyde	Ave	1.043	0.9808		9.41	10.0	-5.9	
Phenol	Ave	1.674	1.660		9.92	10.0	-0.8	
Aniline	Ave	2.093	2.073		9.90	10.0	-1.0	
Bis(2-chloroethyl)ether	Ave	1.293	1.260		9.75	10.0	-2.5	
2-Chlorophenol	Ave	1.352	1.358		10.0	10.0	0.4	
1,3-Dichlorobenzene	Ave	1.457	1.467		10.1	10.0	0.7	
1,4-Dichlorobenzene	Ave	1.448	1.413		9.76	10.0	-2.4	
Benzyl alcohol	Ave	0.8332	0.8591		10.3	10.0	3.1	
1,2-Dichlorobenzene	Ave	1.380	1.353		9.80	10.0	-2.0	
2-Methylphenol	Ave	1.220	1.209		9.91	10.0	-0.9	
3 & 4 Methylphenol	Ave	1.279	1.267		9.91	10.0	-0.9	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.9057		10.0	10.0	-0.0	
Acetophenone	Ave	1.808	1.765		9.76	10.0	-2.4	
Hexachloroethane	Ave	0.5884	0.5892		10.0	10.0	0.1	
Nitrobenzene	Ave	0.3635	0.3837		10.6	10.0	5.6	
Isophorone	Ave	0.6380	0.6523		10.2	10.0	2.2	
2-Nitrophenol	Ave	0.1710	0.1821		10.6	10.0	6.5	
2,4-Dimethylphenol	Ave	0.3362	0.3413		10.2	10.0	1.5	
Benzoic acid	Qua		0.2097		18.9	20.0	-5.4	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.3975		9.81	10.0	-1.9	
2,4-Dichlorophenol	Ave	0.2657	0.2824		10.6	10.0	6.3	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3172		10.0	10.0	0.0	
Naphthalene	Ave	0.999	1.009		10.1	10.0	0.9	
Hexachlorobutadiene	Ave	0.1716	0.1707		9.95	10.0	-0.5	
Caprolactam	Qua		0.1024		10.2	10.0	1.6	
4-Chloro-3-methylphenol	Ave	0.2854	0.2948		10.3	10.0	3.3	
2-Methylnaphthalene	Ave	0.6393	0.6287		9.83	10.0	-1.7	
Hexachlorocyclopentadiene	Ave	0.3241	0.3305		10.2	10.0	2.0	
2,4,6-Trichlorophenol	Ave	0.3372	0.3528		10.5	10.0	4.6	
2,4,5-Trichlorophenol	Ave	0.3632	0.3831		10.5	10.0	5.5	
1,1'-Biphenyl	Ave	1.413	1.369		9.69	10.0	-3.1	
2-Chloronaphthalene	Ave	1.105	1.072		9.70	10.0	-3.0	
2-Nitroaniline	Ave	0.3242	0.3487		10.8	10.0	7.5	
Dimethyl phthalate	Ave	1.175	1.169		9.95	10.0	-0.5	
2,6-Dinitrotoluene	Qua		0.2634		9.78	10.0	-2.2	
Acenaphthylene	Ave	1.825	1.827		10.0	10.0	0.1	
3-Nitroaniline	Ave	0.2941	0.3202		10.9	10.0	8.9	
Acenaphthene	Ave	1.097	1.081		9.85	10.0	-1.5	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66246/2 Calibration Date: 11/26/2012 10:29

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1856		20.0	20.0	0.0	
4-Nitrophenol	Ave	0.1694	0.1747		10.3	10.0	3.2	
2,4-Dinitrotoluene	Qua		0.3598		9.90	10.0	-1.0	
Dibenzofuran	Ave	1.629	1.569		9.63	10.0	-3.7	
Diethyl phthalate	Ave	1.228	1.214		9.88	10.0	-1.2	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6107		9.87	10.0	-1.3	
4-Nitroaniline	Qua		0.3226		10.0	10.0	0.1	
Fluorene	Ave	1.308	1.280		9.79	10.0	-2.1	
4,6-Dinitro-2-methylphenol	Qua		0.1274		9.67	10.0	-3.3	
N-Nitrosodiphenylamine	Ave	0.5517	0.5491		9.95	10.0	-0.5	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7750		9.95	10.0	-0.5	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2084		10.2	10.0	2.1	
Hexachlorobenzene	Ave	0.2101	0.2171		10.3	10.0	3.3	
Atrazine	Ave	0.1501	0.1618		10.8	10.0	7.7	
Pentachlorophenol	Qua		0.1436		20.1	20.0	0.7	
Phenanthrene	Ave	1.093	1.063		9.73	10.0	-2.7	
Anthracene	Ave	1.086	1.091		10.1	10.0	0.5	
Carbazole	Ave	1.055	1.061		10.1	10.0	0.6	
Di-n-butyl phthalate	Ave	1.185	1.216		10.3	10.0	2.7	
Fluoranthene	Ave	1.207	1.236		10.2	10.0	2.4	
Benzidine	Qua		0.6713		9.77	10.0	-2.3	
Pyrene	Ave	1.276	1.294		10.1	10.0	1.4	
Butyl benzyl phthalate	Qua		0.5317		10.1	10.0	0.9	
3,3'-Dichlorobenzidine	Qua		0.4479		10.1	10.0	0.5	
Bis(2-ethylhexyl) phthalate	Qua		0.7421		9.95	10.0	-0.5	
Benzo[a]anthracene	Ave	1.116	1.120		10.0	10.0	0.3	
Chrysene	Ave	1.064	1.064		10.0	10.0	0.0	
Di-n-octyl phthalate	Qua		1.447		9.94	10.0	-0.6	
Benzo[b]fluoranthene	Ave	1.276	1.351		10.6	10.0	5.9	
Benzo[k]fluoranthene	Ave	1.387	1.432		10.3	10.0	3.3	
Benzo[a]pyrene	Qua		1.310		9.90	10.0	-1.0	
Indeno[1,2,3-cd]pyrene	Qua		1.467		10.1	10.0	1.0	
Dibenz(a,h)anthracene	Qua		1.249		10.1	10.0	0.9	
Benzo[g,h,i]perylene	Ave	1.145	1.267		11.1	10.0	10.6	
2-Fluorophenol (Surr)	Ave	1.236	1.274		10.3	10.0	3.0	
Phenol-d5 (Surr)	Ave	1.570	1.619		10.3	10.0	3.1	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3704		10.5	10.0	5.3	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.263		9.73	10.0	-2.7	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1732		10.5	10.0	4.6	
Terphenyl-d14 (Surr)	Ave	0.7408	0.7537		10.2	10.0	1.7	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	26-Nov-2012 10:29:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015260-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	66246	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m		
Last Update:	27-Nov-2012 16:01:35	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	26-Nov-2012 10:47:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.838	5.838	0.0	97	161954	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	609188	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	351786	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	597610	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	89	603915	4.00	
* 6 Perylene-d12	264	14.251	14.251	0.0	92	508763	4.00	
$ 7 2-Fluorophenol	112	4.565	4.565	0.0	93	515802	10.3	
$ 8 Phenol-d5	99	5.485	5.485	0.0	90	655472	10.3	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	89	564156	10.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	1110955	9.73	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	93	152283	10.5	
$ 12 Terphenyl-d14	244	11.053	11.053	0.0	99	1137852	10.2	
24 1,4-Dioxane	88	2.254	2.254	0.0	93	183635	9.77	
25 N-Nitrosodimethylamine	74	2.698	2.698	0.0	90	324176	10.0	
26 Pyridine	79	2.757	2.757	0.0	95	532490	9.89	
27 Ethyl methacrylate	69	3.458	3.458	0.0	89	439707	9.83	
28 3-Chloropropionitrile	54	3.870	3.870	0.0	89	322679	10.8	
32 Malononitrile	66	4.250	4.250	0.0	98	615256	10.9	
40 Benzaldehyde	77	5.437	5.437	0.0	91	397117	9.41	
41 Phenol	94	5.501	5.501	0.0	99	672251	9.92	
43 Aniline	93	5.533	5.533	0.0	97	839326	9.90	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	95	510236	9.75	
46 2-Chlorophenol	128	5.646	5.646	0.0	95	549819	10.0	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	97	594039	10.1	
48 1,4-Dichlorobenzene	146	5.854	5.854	0.0	92	572247	9.76	
49 Benzyl alcohol	108	5.956	5.956	0.0	92	347845	10.3	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	94	547720	9.80	
51 2-Methylphenol	108	6.047	6.047	0.0	96	489667	9.91	
52 2,2'-oxybis[1-chloropropane]	45	6.073	6.073	0.0	92	771378	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.180	6.180	0.0	97	513171	9.91	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	91	366692	10.0	
57 Acetophenone	105	6.196	6.196	0.0	96	714705	9.76	
60 Hexachloroethane	117	6.298	6.298	0.0	93	238568	10.0	
61 Nitrobenzene	77	6.346	6.346	0.0	84	584367	10.6	
63 Isophorone	82	6.555	6.555	0.0	96	993492	10.2	
65 2-Nitrophenol	139	6.624	6.624	0.0	96	277290	10.6	
66 1,3,5-Trichlorobenzene	180	6.635	6.635	0.0	96	495628	10.3	
64 2,4-Dimethylphenol	107	6.646	6.646	0.0	92	519774	10.2	
69 Benzoic acid	122	6.715	6.715	0.0	86	638651	18.9	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	95	605406	9.81	
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	94	430155	10.6	
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	94	483019	10.0	
73 Naphthalene	128	6.983	6.983	0.0	97	1536156	10.1	
74 4-Chloroaniline	127	7.015	7.015	0.0	84	646099	9.96	
77 Hexachlorobutadiene	225	7.079	7.079	0.0	95	260009	9.95	
78 1,2,3-Trichlorobenzene	180	7.100	7.100	0.0	91	450170	0	
83 Caprolactam	113	7.304	7.304	0.0	75	155998	10.2	
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	97	449040	10.3	
85 2-Methylnaphthalene	142	7.571	7.571	0.0	89	957453	9.83	
86 1-Methylnaphthalene	142	7.657	7.657	0.0	83	923780	9.97	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	68	290677	10.2	
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	95	469042	9.81	
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	92	310298	10.5	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	96	336961	10.5	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	97	300912	9.70	
96 1,2,3,4 -Tetrachlorobenzene	216	7.956	7.956	0.0	88	463960	0	
95 1,1'-Biphenyl	154	7.961	7.961	0.0	94	1203855	9.69	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	942567	9.70	
100 2-Nitroaniline	65	8.063	8.063	0.0	84	306624	10.8	
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	1027726	9.95	
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	91	231683	9.78	
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	89	121733	10.6	
107 Acenaphthylene	152	8.341	8.341	0.0	93	1606518	10.0	
108 3-Nitroaniline	138	8.405	8.405	0.0	94	281574	10.9	
110 Acenaphthene	153	8.486	8.486	0.0	93	950278	9.85	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	79	326472	20.0	
111 4-Nitrophenol	109	8.528	8.528	0.0	93	153663	10.3	
112 2,4-Dinitrotoluene	165	8.598	8.598	0.0	88	316455	9.90	
114 Dibenzofuran	168	8.630	8.630	0.0	89	1379866	9.63	
115 2,3,5,6-Tetrachlorophenol	232	8.689	8.689	0.0	86	281464	10.7	
119 Diethyl phthalate	149	8.791	8.791	0.0	98	1067399	9.88	
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	89	537081	9.87	
124 Fluorene	166	8.919	8.919	0.0	86	1126147	9.79	
123 4-Nitroaniline	138	8.919	8.919	0.0	54	283746	10.0	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	73	190289	9.67	
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	820384	9.95	
131 Azobenzene	77	9.042	9.042	0.0	99	1157795	9.95	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	1157795	9.95	
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	63	311305	10.2	
139 Hexachlorobenzene	284	9.384	9.384	0.0	90	324278	10.3	
140 Atrazine	200	9.432	9.432	0.0	90	241671	10.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.545	9.545	0.0	91	429202	20.1	
146 Phenanthrene	178	9.732	9.732	0.0	97	1588517	9.73	
147 Anthracene	178	9.780	9.780	0.0	97	1630613	10.1	
149 Carbazole	167	9.903	9.903	0.0	85	1585784	10.1	
151 Di-n-butyl phthalate	149	10.160	10.160	0.0	100	1817324	10.3	
157 Fluoranthene	202	10.737	10.737	0.0	97	1845960	10.2	
158 Benzidine	184	10.834	10.834	0.0	98	1013451	9.77	
160 Pyrene	202	10.941	10.941	0.0	96	1953295	10.1	
166 Butyl benzyl phthalate	149	11.518	11.518	0.0	97	802812	10.1	
170 3,3'-Dimethoxybenzidine	244	12.117	12.117	0.0	93	406170	9.76	
173 3,3'-Dichlorobenzidine	252	12.155	12.155	0.0	66	676257	10.1	
172 4,4'-Methylene bis(2-chloroanili	231	12.155	12.155	0.0	70	319785	10.4	
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	1120455	9.95	
175 Benzo[a]anthracene	228	12.203	12.203	0.0	95	1690718	10.0	
176 Chrysene	228	12.251	12.251	0.0	95	1606549	10.0	
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	99	1840656	9.94	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	93	1718668	10.6	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	86	1821278	10.3	
182 Benzo[a]pyrene	252	14.171	14.171	0.0	76	1666139	9.90	
186 Indeno[1,2,3-cd]pyrene	276	15.877	15.877	0.0	95	1866004	10.1	
187 Dibenz(a,h)anthracene	278	15.904	15.904	0.0	85	1588992	10.1	
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	95	1611408	11.1	
S 189 Methyl Phenols,Total	100				0		9.91	

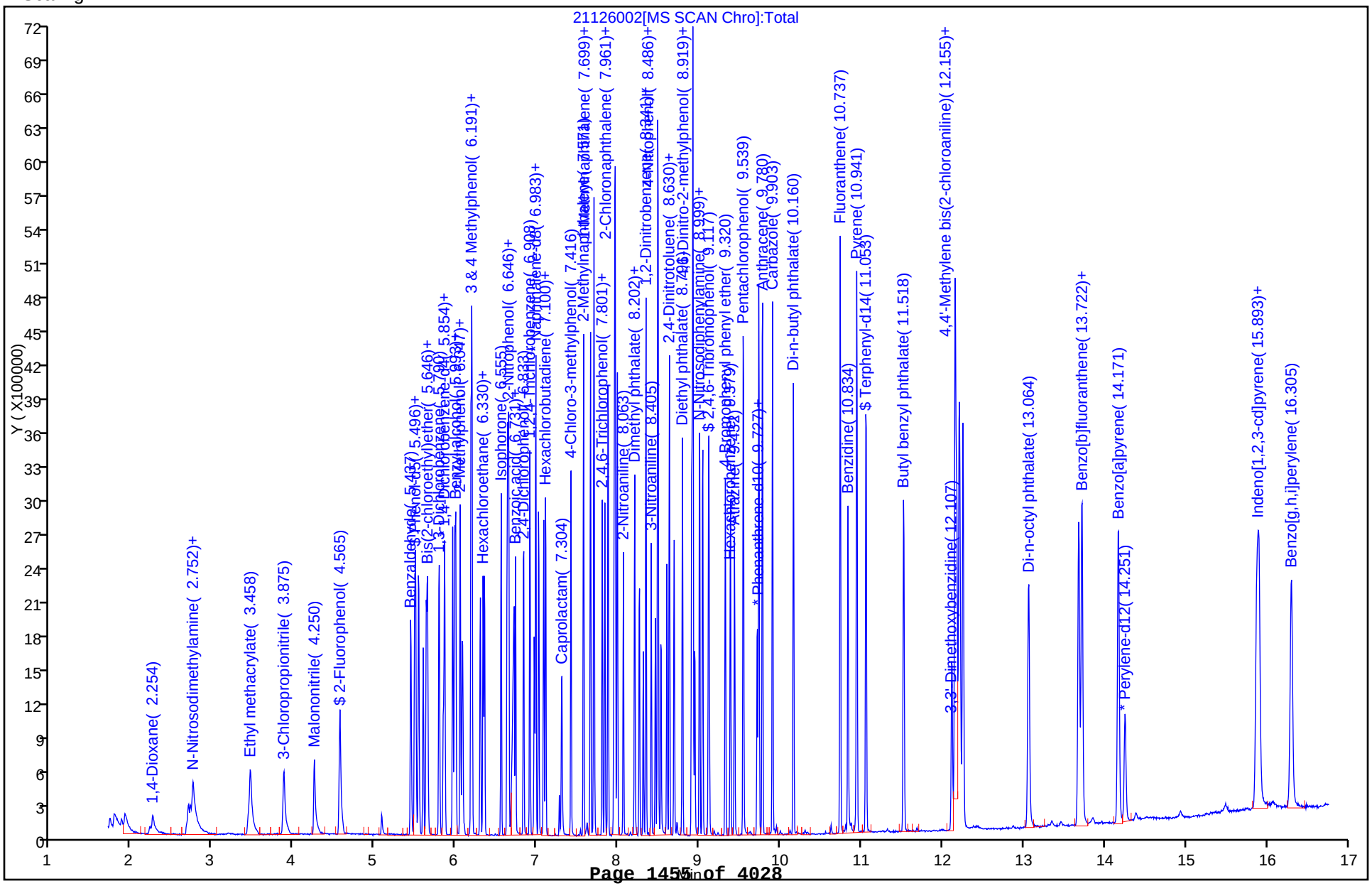
Report Date: 27-Nov-2012 16:01:36 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126002.D

Injection Date:	26-Nov-2012 10:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/26/2012 17:28

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyridine	Ave	1.330			0.0939	0.100		
Benzaldehyde	Ave	1.043			0.129	0.100		
Phenol	Ave	1.674			0.0946	0.100		
Aniline	Ave	2.093			0.0929	0.100		
Bis(2-chloroethyl)ether	Ave	1.293			0.115	0.100		
2-Chlorophenol	Ave	1.352			0.0985	0.100		
1,3-Dichlorobenzene	Ave	1.457			0.0994	0.100		
1,4-Dichlorobenzene	Ave	1.448			0.109	0.100		
Benzyl alcohol	Ave	0.8332			0.0908	0.100		
1,2-Dichlorobenzene	Ave	1.380			0.110	0.100		
2-Methylphenol	Ave	1.220			0.104	0.100		
3 & 4 Methylphenol	Ave	1.279			0.0881	0.100		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.134	0.100		
Acetophenone	Ave	1.808			0.118	0.100		
Hexachloroethane	Ave	0.5884			0.0505	0.100		
Nitrobenzene	Ave	0.3635			0.0977	0.100		
Isophorone	Ave	0.6380			0.104	0.100		
2-Nitrophenol	Ave	0.1710			0.104	0.100		
2,4-Dimethylphenol	Ave	0.3362			0.114	0.100		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.0997	0.100		
2,4-Dichlorophenol	Ave	0.2657			0.0950	0.100		
1,2,4-Trichlorobenzene	Ave	0.3169			0.115	0.100		
Naphthalene	Ave	0.999			0.0979	0.100		
Hexachlorobutadiene	Ave	0.1716			0.120	0.100		
Caprolactam	Qua				0.557	0.100		
4-Chloro-3-methylphenol	Ave	0.2854			0.105	0.100		
2-Methylnaphthalene	Ave	0.6393			0.102	0.100		
2,4,6-Trichlorophenol	Ave	0.3372			0.102	0.100		
2,4,5-Trichlorophenol	Ave	0.3632			0.119	0.100		
1,1'-Biphenyl	Ave	1.413			0.100	0.100		
2-Chloronaphthalene	Ave	1.105			0.0810	0.100		
2-Nitroaniline	Ave	0.3242			0.143	0.100		
Dimethyl phthalate	Ave	1.175			0.101	0.100		
2,6-Dinitrotoluene	Qua				0.507	0.100		
Acenaphthylene	Ave	1.825			0.108	0.100		
3-Nitroaniline	Ave	0.2941			0.0955	0.100		
Acenaphthene	Ave	1.097			0.107	0.100		
4-Nitrophenol	Ave	0.1694			0.0878	0.100		
2,4-Dinitrotoluene	Qua				0.436	0.100		
Dibenzofuran	Ave	1.629			0.101	0.100		
Diethyl phthalate	Ave	1.228			0.114	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/26/2012 17:28

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorophenyl phenyl ether	Ave	0.6187			0.118	0.100		
Fluorene	Ave	1.308			0.108	0.100		
4-Nitroaniline	Qua				0.359	0.100		
N-Nitrosodiphenylamine	Ave	0.5517			0.0958	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.101	0.100		
Hexachlorobenzene	Ave	0.2101			0.115	0.100		
Atrazine	Ave	0.1501			0.115	0.100		
Pentachlorophenol	Qua				0.473	0.200		
Phenanthrene	Ave	1.093			0.0959	0.100		
Anthracene	Ave	1.086			0.106	0.100		
Carbazole	Ave	1.055			0.0992	0.100		
Di-n-butyl phthalate	Ave	1.185			0.112	0.100		
Fluoranthene	Ave	1.207			0.113	0.100		
Pyrene	Ave	1.276			0.112	0.100		
Butyl benzyl phthalate	Qua				0.241	0.100		
3,3'-Dichlorobenzidine	Qua				0.292	0.100		
Bis(2-ethylhexyl) phthalate	Qua				0.315	0.100		
Benzo[a]anthracene	Ave	1.116			0.133	0.100		
Chrysene	Ave	1.064			0.110	0.100		
Di-n-octyl phthalate	Qua				0.451	0.100		
Benzo[b]fluoranthene	Ave	1.276			0.120	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.123	0.100		
Benzo[a]pyrene	Qua				0.224	0.100		
Indeno[1,2,3-cd]pyrene	Qua				0.158	0.100		
Dibenz(a,h)anthracene	Qua				0.245	0.100		
Benzo[g,h,i]perylene	Ave	1.145			0.0775	0.100		
1,4-Dioxane	Ave	0.4642			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2040			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Hexachlorocyclopentadiene	Ave	0.3241			0.000800	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
2-Fluorophenol (Surr)	Ave	1.236			0.113	0.100	113*	35-105
Phenol-d5 (Surr)	Ave	1.570			0.105	0.100	105*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.0992	0.100	99	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.0933	0.100	93	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.101	0.100	101	35-125

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/26/2012 17:28

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Terphenyl-d14 (Surr)	Ave	0.7408			0.114	0.100	114	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126018.D		
Lims ID:	mdll1	Client ID:	
Inject. Date:	26-Nov-2012 17:28:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015260-018		
Misc. Info.:	mdll1		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	66246	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m		
Last Update:	27-Nov-2012 16:02:07	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		

First Level Reviewer: gruberj Date: 27-Nov-2012 13:52:45

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	212141	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	808740	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	482165	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	97	830184	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	98	833300	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	92	556288	4.00	
$ 7 2-Fluorophenol	112	4.565	4.565	0.0	62	7437	0.1134	
$ 8 Phenol-d5	99	5.490	5.485	0.005	67	8736	0.1049	
$ 9 Nitrobenzene-d5	82	6.335	6.330	0.005	77	7057	0.0992	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	84	14587	0.0933	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	33	2015	0.1010	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	63	17575	0.1139	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
24 1,4-Dioxane	88		2.254					9
25 N-Nitrosodimethylamine	74		2.698					9
26 Pyridine	79	2.811	2.757	0.054	86	6627	0.0939	
232 1-Methyl-2-pyrrilidinone	99	3.265	3.271	-0.006	0	79	0	
27 Ethyl methacrylate	69		3.458					9
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.870					
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.250					9
33 Acrylamide	71	4.415	4.401	0.014	1	233	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.453	4.536	-0.083	0	859	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.383	5.376	0.007	1	469	0	
38 3-Methylcyclohexanone	69	5.426	5.414	0.012	1	245	0	
40 Benzaldehyde	77	5.442	5.437	0.005	70	7128	0.1289	
39 4-Methylcyclohexanone	55	5.506	5.462	0.044	1	2222	0	
41 Phenol	94	5.506	5.501	0.005	87	8399	0.0946	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.538	5.533	0.005	73	10314	0.0929	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	74	7874	0.1148	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.645	5.646	-0.001	78	7065	0.0985	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	75	7683	0.0994	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	8	8377	0.1091	
49 Benzyl alcohol	108	5.961	5.956	0.005	77	4011	0.0908	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	74	8028	0.1097	
51 2-Methylphenol	108	6.052	6.047	0.005	74	6746	0.1043	
52 2,2'-oxybis[1-chloropropane]	45	6.073	6.073	0.0	66	11419	0.1135	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.186	6.180	0.006	89	5977	0.0881	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	80	6441	0.1341	
57 Acetophenone	105	6.196	6.196	0.0	85	11274	0.1176	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.298	6.298	0.0	61	1576	0.0505	
61 Nitrobenzene	77	6.351	6.346	0.005	82	7183	0.0977	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.555	6.555	0.0	86	13408	0.1039	
65 2-Nitrophenol	139	6.630	6.624	0.006	67	3610	0.1044	
66 1,3,5-Trichlorobenzene	180	6.640	6.635	0.005	75	7404	0.1155	
64 2,4-Dimethylphenol	107	6.646	6.646	0.0	58	7734	0.1138	
69 Benzoic acid	122		6.715					9
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	71	8169	0.0997	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	76	5102	0.0950	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.913	6.908	0.005	73	7380	0.1152	
73 Naphthalene	128	6.983	6.983	0.0	92	19783	0.0979	
74 4-Chloroaniline	127	7.020	7.015	0.005	82	8454	0.0981	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.079	7.079	0.0	73	4171	0.1202	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.106	7.100	0.006	80	5815	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.298	7.304	-0.006	52	2500	0.5573	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	71	6056	0.1049	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	91	13237	0.1024	
86 1-Methylnaphthalene	142	7.656	7.657	-0.001	66	10870	0.0884	
88 Hexachlorocyclopentadiene	237		7.699					
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	77	7043	0.1075	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.806	7.801	0.005	63	4147	0.1020	
91 2,4,5-Trichlorophenol	196	7.838	7.833	0.005	64	5202	0.1188	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	64	4838	0.1175	
96 1,2,3,4 -Tetrachlorobenzene	216	7.956	7.956	0.0	65	6139	0	
227 Isosafrole Peak 2	162		7.960					14
95 1,1'-Biphenyl	154	7.961	7.961	0.0	90	17058	0.1002	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	80	10789	0.0810	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.063	8.063	0.0	47	5596	0.1432	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163	8.202	8.202	0.0	90	14371	0.1015	
102 1,4-Dinitrobenzene	168		8.211					9
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	49	3497	0.5073	
104 1,3-Dinitrobenzene	168	8.309	8.275	0.034	52	1261	0.3953	
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	64	1261	0.0803	
107 Acenaphthylene	152	8.341	8.341	0.0	93	23685	0.1077	
108 3-Nitroaniline	138	8.411	8.405	0.006	77	3384	0.0955	
110 Acenaphthene	153	8.486	8.486	0.0	84	14148	0.1070	
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109	8.539	8.528	0.011	64	1793	0.0878	
112 2,4-Dinitrotoluene	165	8.603	8.598	0.005	60	4125	0.4357	
114 Dibenzofuran	168	8.630	8.630	0.0	71	19914	0.1014	
113 Pentachlorobenzene	250		8.633					
115 2,3,5,6-Tetrachlorophenol	232		8.689					9
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
119 Diethyl phthalate	149	8.790	8.791	0.0	90	16899	0.1142	
118 2-Naphthylamine	143		8.799					
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	74	8784	0.1178	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.919	8.919	0.0	83	16974	0.1077	
123 4-Nitroaniline	138	8.924	8.919	0.005	25	3110	0.3593	
126 4,6-Dinitro-2-methylphenol	198		8.946					9
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	10965	0.0958	
128 Diphenylamine	169	9.004	9.040	-0.036	78	10965	0.0873	
131 Azobenzene	77	9.042	9.042	0.0	89	16357	0.1012	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	16357	0.1012	
132 Sulfotepp	202		9.152					9
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248		9.320					9
230 Diallate Peak 2	86		9.356					1
139 Hexachlorobenzene	284	9.384	9.384	0.0	64	5016	0.1150	
138 Dimethoate	87		9.430					
140 Atrazine	200	9.432	9.432	0.0	54	3572	0.1146	
141 Pentachlorophenol	266	9.545	9.545	0.0	40	2853	0.4729	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.737	9.732	0.005	37	21756	0.0959	
147 Anthracene	178	9.780	9.780	0.0	90	23950	0.1063	
148 DFTPP								
149 Carbazole	167	9.903	9.903	0.0	83	21725	0.0992	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	93	27595	0.1122	
152 Diphenylsulfone	125		10.209					9
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.743	10.737	0.006	91	28267	0.1129	
158 Benzidine	184		10.834					9
160 Pyrene	202	10.946	10.941	0.005	95	29851	0.1123	
164 4,4'-DDE	246		11.005					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.358					
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	75	12564	0.2409	
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.641					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.117					9
173 3,3'-Dichlorobenzidine	252	12.160	12.155	0.005	27	8810	0.2920	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.155	12.155	0.0	44	4358	0.2292	
171 Bis(2-ethylhexyl) phthalate	149	12.181	12.176	0.005	85	18824	0.3148	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	65	30973	0.1332	
176 Chrysene	228	12.256	12.251	0.005	72	24483	0.1105	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.059	13.064	-0.005	70	24304	0.4506	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	80	21207	0.1195	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	75	23649	0.1226	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.171	14.171	0.0	59	19887	0.2237	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.888	15.877	0.011	1	15145	0.1578	M
187 Dibenz(a,h)anthracene	278	15.920	15.904	0.016	41	13160	0.2450	M
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	74	12345	0.0775	
S 189 Methyl Phenols,Total	100				0		0.1043	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	2.971	3.053	-0.079	1	269	0	
T 194 Octadecane (TIC)	254	14.390	6.300	8.090	91	68377	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

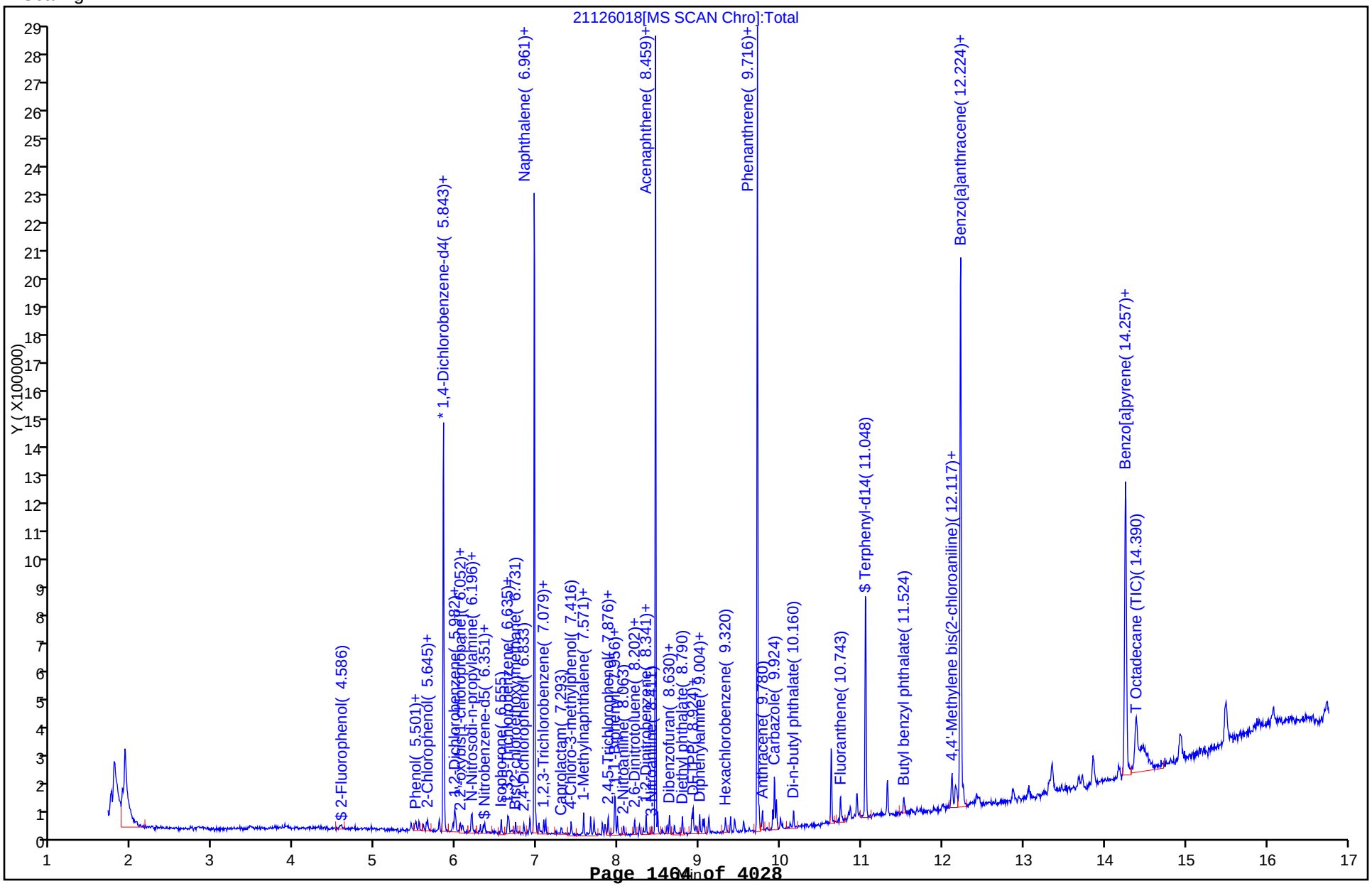
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 16:19:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126018.D		
Injection Date:	26-Nov-2012 17:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

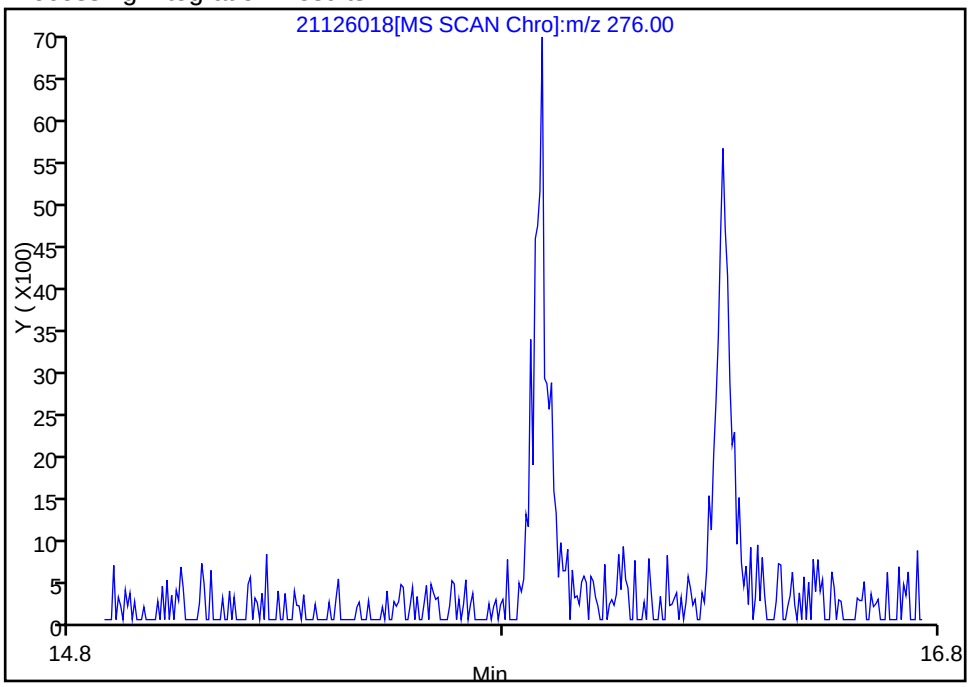
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126018.D		
Injection Date:	26-Nov-2012 17:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.88

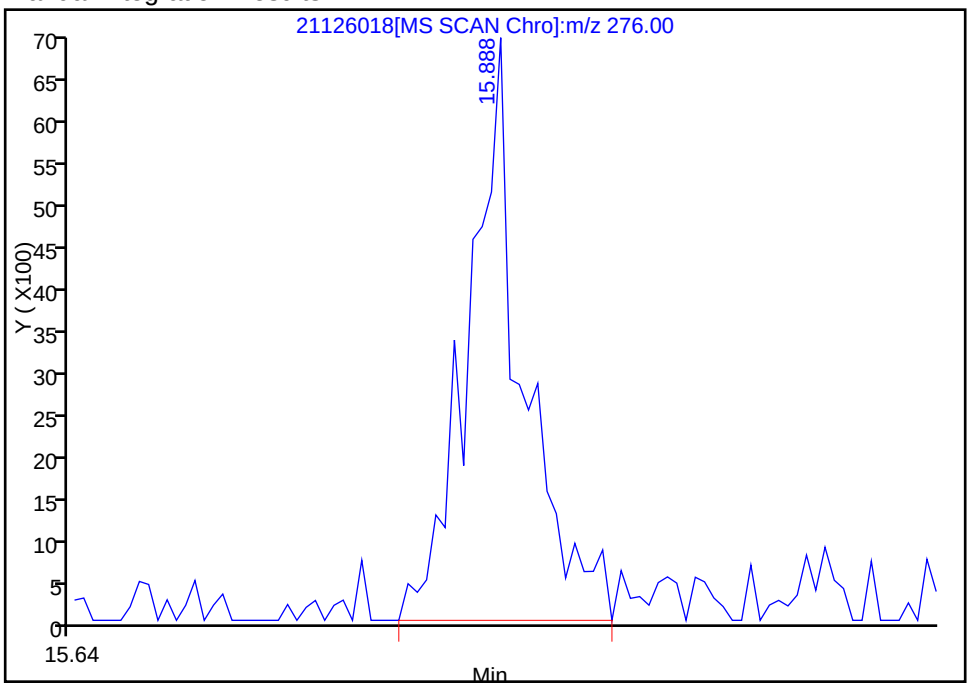
Processing Integration Results

Not Detected
Expected RT: 15.88



Manual Integration Results

RT: 15.89
Response: 15145
Amount: 0.157788



Reviewer: gruberj, 27-Nov-2012 13:52:45
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

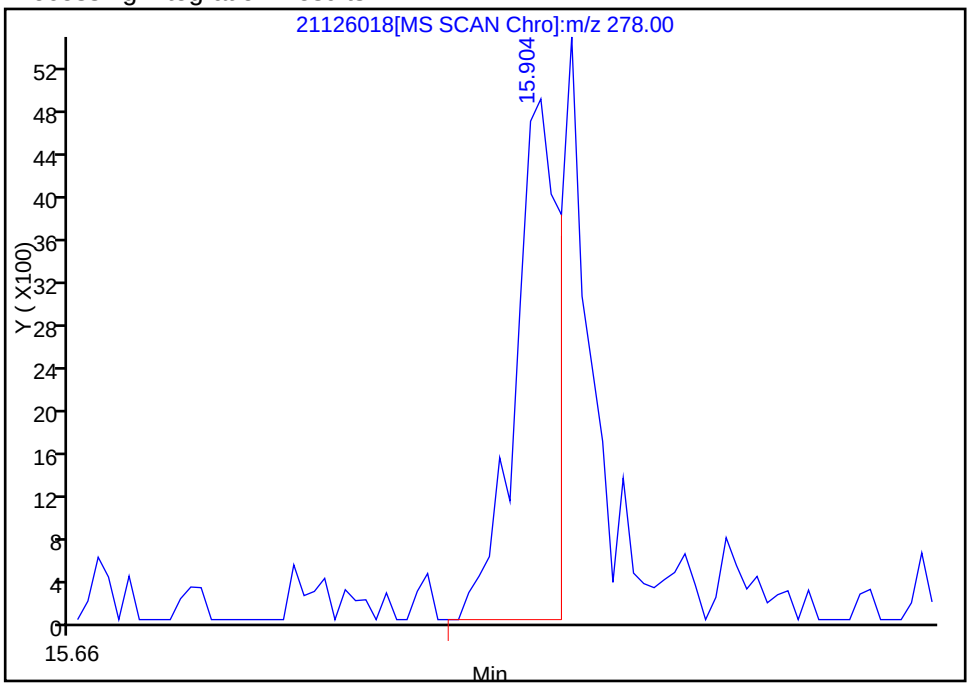
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126018.D		
Injection Date:	26-Nov-2012 17:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 15.90

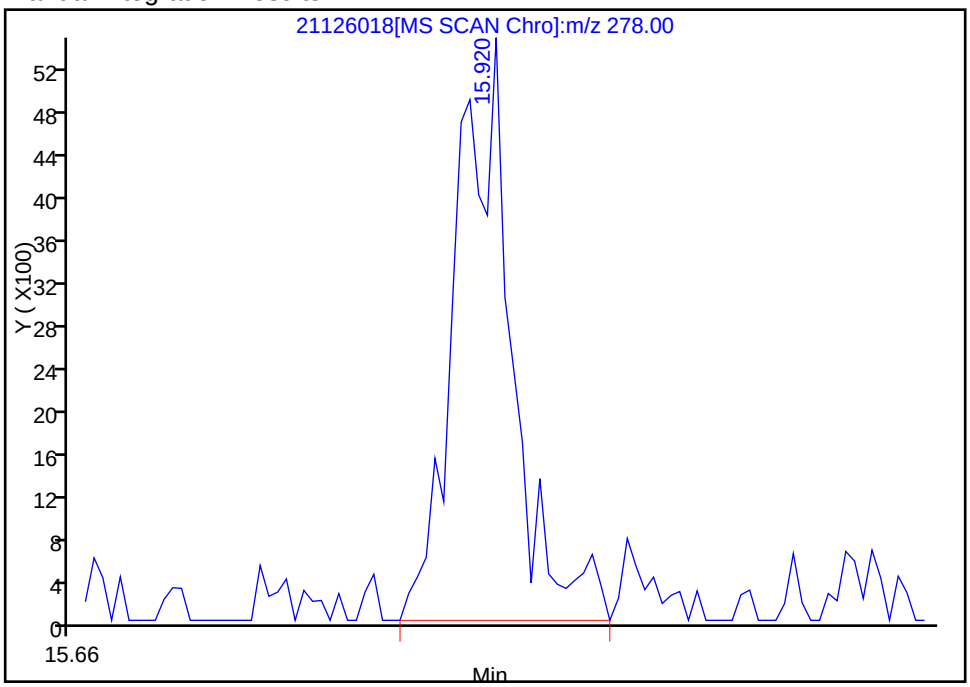
Processing Integration Results

RT: 15.90
Response: 7722
Amount: 0.213416



Manual Integration Results

RT: 15.92
Response: 13160
Amount: 0.244965



Reviewer: gruberj, 27-Nov-2012 13:52:45
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/26/2012 17:51

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.558	0.500		
N-Nitrosodimethylamine	Qua				0.788	0.500		
Pyridine	Ave	1.330			0.386	0.500		
Benzaldehyde	Ave	1.043			0.551	0.500		
Phenol	Ave	1.674			0.533	0.500		
Aniline	Ave	2.093			0.536	0.500		
Bis(2-chloroethyl)ether	Ave	1.293			0.559	0.500		
2-Chlorophenol	Ave	1.352			0.523	0.500		
1,3-Dichlorobenzene	Ave	1.457			0.514	0.500		
1,4-Dichlorobenzene	Ave	1.448			0.521	0.500		
Benzyl alcohol	Ave	0.8332			0.532	0.500		
1,2-Dichlorobenzene	Ave	1.380			0.509	0.500		
2-Methylphenol	Ave	1.220			0.565	0.500		
3 & 4 Methylphenol	Ave	1.279			0.518	0.500		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.556	0.500		
Acetophenone	Ave	1.808			0.554	0.500		
Hexachloroethane	Ave	0.5884			0.342	0.500		
Nitrobenzene	Ave	0.3635			0.520	0.500		
Isophorone	Ave	0.6380			0.518	0.500		
2-Nitrophenol	Ave	0.1710			0.427	0.500		
2,4-Dimethylphenol	Ave	0.3362			0.489	0.500		
Benzoic acid	Qua				1.82	1.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.487	0.500		
2,4-Dichlorophenol	Ave	0.2657			0.491	0.500		
1,2,4-Trichlorobenzene	Ave	0.3169			0.491	0.500		
Naphthalene	Ave	0.999			0.503	0.500		
Hexachlorobutadiene	Ave	0.1716			0.560	0.500		
Caprolactam	Qua				0.859	0.500		
4-Chloro-3-methylphenol	Ave	0.2854			0.569	0.500		
2-Methylnaphthalene	Ave	0.6393			0.509	0.500		
Hexachlorocyclopentadiene	Ave	0.3241			0.0274	0.500		
2,4,6-Trichlorophenol	Ave	0.3372			0.478	0.500		
2,4,5-Trichlorophenol	Ave	0.3632			0.469	0.500		
1,1'-Biphenyl	Ave	1.413			0.504	0.500		
2-Chloronaphthalene	Ave	1.105			0.497	0.500		
2-Nitroaniline	Ave	0.3242			0.515	0.500		
Dimethyl phthalate	Ave	1.175			0.501	0.500		
2,6-Dinitrotoluene	Qua				0.854	0.500		
Acenaphthylene	Ave	1.825			0.501	0.500		
3-Nitroaniline	Ave	0.2941			0.459	0.500		
Acenaphthene	Ave	1.097			0.529	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/26/2012 17:51

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.38	1.00		
4-Nitrophenol	Ave	0.1694			0.473	0.500		
2,4-Dinitrotoluene	Qua				0.760	0.500		
Dibenzofuran	Ave	1.629			0.497	0.500		
Diethyl phthalate	Ave	1.228			0.544	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.494	0.500		
Fluorene	Ave	1.308			0.492	0.500		
4-Nitroaniline	Qua				0.730	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.791	0.500		
N-Nitrosodiphenylamine	Ave	0.5517			0.499	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.486	0.500		
4-Bromophenyl phenyl ether	Ave	0.2040			0.518	0.500		
Hexachlorobenzene	Ave	0.2101			0.487	0.500		
Atrazine	Ave	0.1501			0.513	0.500		
Pentachlorophenol	Qua				1.10	1.00		
Phenanthrene	Ave	1.093			0.489	0.500		
Anthracene	Ave	1.086			0.502	0.500		
Carbazole	Ave	1.055			0.493	0.500		
Di-n-butyl phthalate	Ave	1.185			0.505	0.500		
Fluoranthene	Ave	1.207			0.522	0.500		
Benzidine	Qua				0.735	0.500		
Pyrene	Ave	1.276			0.491	0.500		
Butyl benzyl phthalate	Qua				0.642	0.500		
3,3'-Dichlorobenzidine	Qua				0.630	0.500		
Bis(2-ethylhexyl) phthalate	Qua				0.684	0.500		
Benzo[a]anthracene	Ave	1.116			0.515	0.500		
Chrysene	Ave	1.064			0.473	0.500		
Di-n-octyl phthalate	Qua				0.913	0.500		
Benzo[b]fluoranthene	Ave	1.276			0.567	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.594	0.500		
Benzo[a]pyrene	Qua				0.600	0.500		
Indeno[1,2,3-cd]pyrene	Qua				0.382	0.500		
Dibenz(a,h)anthracene	Qua				0.448	0.500		
Benzo[g,h,i]perylene	Ave	1.145			0.286	0.500		
2-Fluorophenol (Surr)	Ave	1.236			0.498	0.500	100	35-105
Phenol-d5 (Surr)	Ave	1.570			0.536	0.500	107*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.556	0.500	111*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.495	0.500	99	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.468	0.500	94	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.508	0.500	102	30-125

Report Date: 27-Nov-2012 16:19:02 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126019.D
Lims ID: mdll2 Client ID:
Inject. Date: 26-Nov-2012 17:51:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015260-019
Misc. Info.: mdll2
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 66246 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:02:07 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj Date: 27-Nov-2012 13:55:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	96	212568	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	854364	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	508928	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	877128	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	98	885303	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	96	568364	4.00	
$ 7 2-Fluorophenol	112	4.570	4.565	0.005	87	32754	0.4985	
$ 8 Phenol-d5	99	5.490	5.485	0.005	94	44682	0.5356	
$ 9 Nitrobenzene-d5	82	6.335	6.330	0.005	85	41770	0.5561	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	98	81685	0.4947	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	80	9858	0.4682	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	97	83302	0.5081	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
24 1,4-Dioxane	88	2.249	2.254	-0.005	75	13763	0.5579	
25 N-Nitrosodimethylamine	74	2.709	2.698	0.011	75	18526	0.7884	
26 Pyridine	79	2.773	2.757	0.016	81	27313	0.3864	
232 1-Methyl-2-pyrrilidinone	99	3.228	3.271	-0.043	0	205	0	
27 Ethyl methacrylate	69	3.458	3.458	0.0	82	31630	0.5385	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.880	3.870	0.010	90	19303	0.4925	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.265	4.250	0.015	95	24043	0.3251	
33 Acrylamide	71	4.399	4.401	-0.002	10	282	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.346	5.376	-0.030	20	407	0	
38 3-Methylcyclohexanone	69	5.426	5.414	0.012	1	261	0	
40 Benzaldehyde	77	5.442	5.437	0.005	91	30522	0.5507	
39 4-Methylcyclohexanone	55	5.501	5.462	0.039	21	4568	0	
41 Phenol	94	5.501	5.501	0.0	96	47375	0.5326	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.538	5.533	0.005	93	59659	0.5363	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	93	38418	0.5592	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.645	5.646	-0.001	95	37547	0.5225	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	92	39789	0.5137	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	86	40068	0.5208	
49 Benzyl alcohol	108	5.956	5.956	0.0	87	23541	0.5317	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	92	37309	0.5086	
51 2-Methylphenol	108	6.052	6.047	0.005	93	36617	0.5648	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	91	59131	0.5865	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.180	6.180	0.0	93	35223	0.5182	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	90	26756	0.5558	
57 Acetophenone	105	6.196	6.196	0.0	90	53194	0.5537	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.298	6.298	0.0	85	10700	0.3422	
61 Nitrobenzene	77	6.351	6.346	0.005	88	40377	0.5201	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.555	6.555	0.0	94	70542	0.5176	
65 2-Nitrophenol	139	6.630	6.624	0.006	91	15611	0.4273	
66 1,3,5-Trichlorobenzene	180	6.640	6.635	0.005	96	35796	0.5284	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	88	35123	0.4891	
69 Benzoic acid	122	6.683	6.715	-0.032	87	19404	1.82	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	98	42133	0.4868	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	91	27853	0.4908	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	86	33258	0.4914	
73 Naphthalene	128	6.983	6.983	0.0	93	107393	0.5031	
74 4-Chloroaniline	127	7.020	7.015	0.005	93	43315	0.4760	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.079	7.079	0.0	81	20519	0.5597	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.106	7.100	0.006	89	31007	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.293	7.304	-0.011	71	10176	0.8589	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	94	34676	0.5688	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	89	69481	0.5088	
86 1-Methylnaphthalene	142	7.657	7.657	-0.001	88	68614	0.5280	
88 Hexachlorocyclopentadiene	237	7.705	7.699	0.006	8	1132	0.0274	
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	95	34979	0.5057	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.806	7.801	0.005	91	20500	0.4779	
91 2,4,5-Trichlorophenol	196	7.838	7.833	0.005	90	21657	0.4686	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	92	26449	0.6081	
96 1,2,3,4 -Tetrachlorobenzene	216	7.956	7.956	0.0	90	35714	0	
227 Isosafrole Peak 2	162		7.960					
95 1,1'-Biphenyl	154	7.961	7.961	0.0	93	90603	0.5041	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	93	69777	0.4965	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.063	8.063	0.0	65	21263	0.5154	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	74956	0.5015	
102 1,4-Dinitrobenzene	168		8.211					
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	90	16110	0.8538	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	84	7223	0.4355	
107 Acenaphthylene	152	8.341	8.341	0.0	86	116209	0.5006	
108 3-Nitroaniline	138	8.411	8.405	0.006	90	17167	0.4588	
110 Acenaphthene	153	8.486	8.486	0.0	93	73902	0.5294	
109 2,4-Dinitrophenol	184	8.496	8.491	0.005	12	2524	2.38	
111 4-Nitrophenol	109	8.534	8.528	0.006	91	10188	0.4728	
112 2,4-Dinitrotoluene	165	8.603	8.598	0.005	86	19659	0.7598	
114 Dibenzofuran	168	8.630	8.630	0.0	90	102965	0.4969	
113 Pentachlorobenzene	250		8.633					
115 2,3,5,6-Tetrachlorophenol	232	8.694	8.689	0.005	84	16753	0.4398	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
119 Diethyl phthalate	149	8.790	8.791	0.0	95	85028	0.5442	
118 2-Naphthylamine	143		8.799					9
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	91	38924	0.4945	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.919	8.919	0.0	83	81846	0.4919	
123 4-Nitroaniline	138	8.924	8.919	0.005	53	19035	0.7300	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	1	3919	0.7912	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	60322	0.4987	
128 Diphenylamine	169	9.004	9.040	-0.036	94	60322	0.4548	
131 Azobenzene	77	9.042	9.042	0.0	98	82990	0.4862	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	82990	0.4862	
132 Sulfotepp	202	9.111	9.152	-0.041	73	8633	0.7330	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	69	23180	0.5181	
230 Diallate Peak 2	86		9.356					1
139 Hexachlorobenzene	284	9.384	9.384	0.0	87	22445	0.4872	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.432	9.432	0.0	84	16891	0.5131	
141 Pentachlorophenol	266	9.545	9.545	0.0	85	22584	1.10	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.737	9.732	0.005	92	117233	0.4892	
147 Anthracene	178	9.780	9.780	0.0	97	119428	0.5016	
148 DFTPP								
149 Carbazole	167	9.903	9.903	0.0	92	113958	0.4927	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	99	131169	0.5050	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.743	10.737	0.006	96	138159	0.5221	
158 Benzidine	184	10.839	10.834	0.005	95	50165	0.7348	
160 Pyrene	202	10.946	10.941	0.005	97	138591	0.4906	
164 4,4'-DDE	246		11.005					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.358					9
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	91	58938	0.6419	
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.641					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.117	12.117	0.0	67	21566	1.06	
173 3,3'-Dichlorobenzidine	252	12.160	12.155	0.005	60	43080	0.6304	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.160	12.155	0.005	68	22723	0.6406	
171 Bis(2-ethylhexyl) phthalate	149	12.181	12.176	0.005	94	80066	0.6836	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	80	127313	0.5153	
176 Chrysene	228	12.256	12.251	0.005	88	111351	0.4729	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	96	119027	0.9130	
180 Benzo[b]fluoranthene	252	13.684	13.679	0.005	95	102718	0.5665	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	94	116991	0.5938	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.177	14.171	0.005	71	89314	0.6000	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					9
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	94	60711	0.3819	
187 Dibenz(a,h)anthracene	278	15.904	15.904	0.0	52	49278	0.4484	
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	84	46553	0.2861	
S 189 Methyl Phenols,Total	100				0		0.5648	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.057	3.053	0.007	1	291	0	
T 194 Octadecane (TIC)	254	13.347	6.300	7.047	86	32090	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

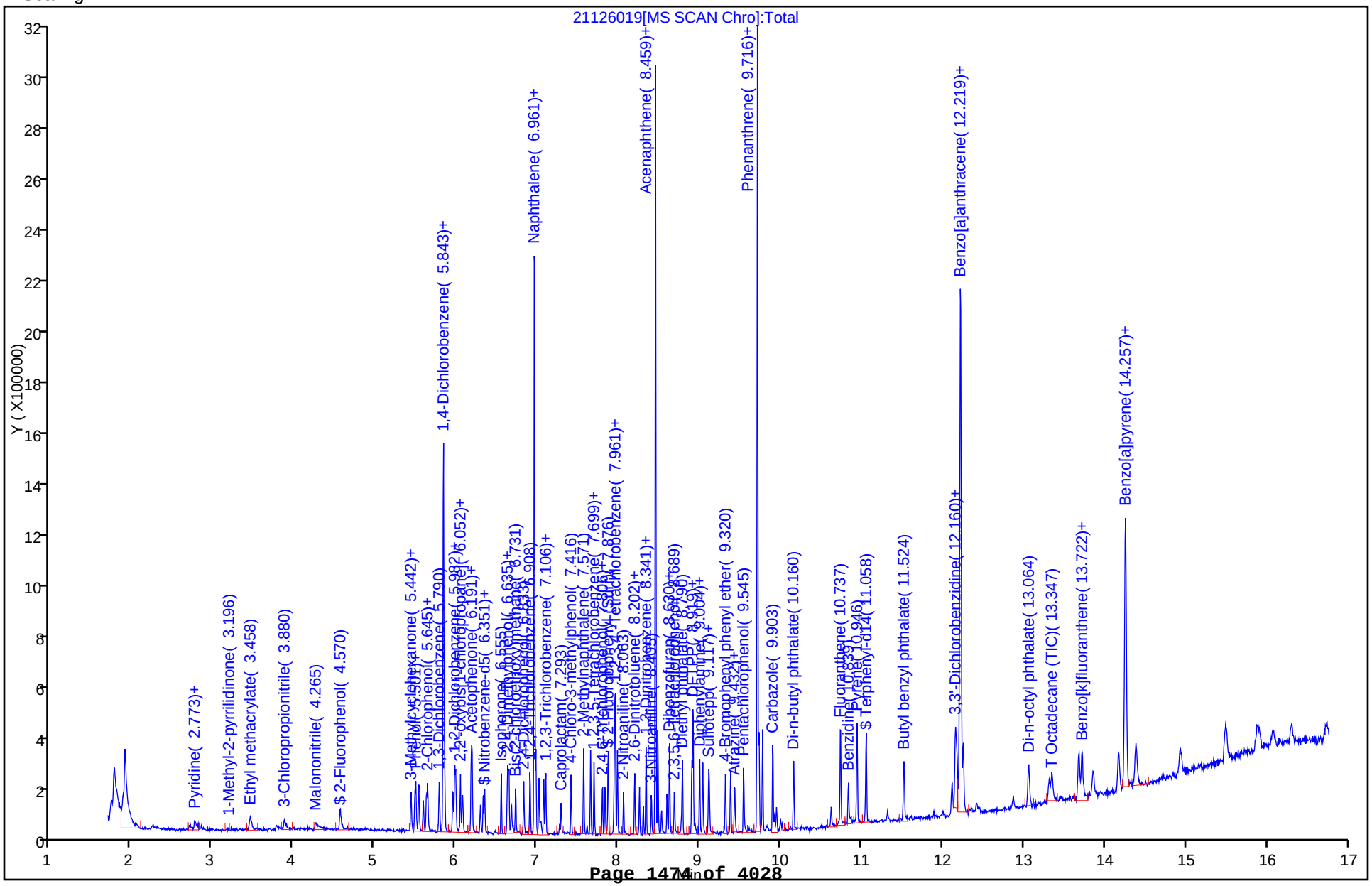
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 16:19:02 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126019.D		
Injection Date:	26-Nov-2012 17:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/26/2012 18:14

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.737	1.00		
N-Nitrosodimethylamine	Qua				1.17	1.00		
Pyridine	Ave	1.330			0.837	1.00		
Benzaldehyde	Ave	1.043			1.06	1.00		
Phenol	Ave	1.674			0.947	1.00		
Aniline	Ave	2.093			0.972	1.00		
Bis(2-chloroethyl)ether	Ave	1.293			0.922	1.00		
2-Chlorophenol	Ave	1.352			0.939	1.00		
1,3-Dichlorobenzene	Ave	1.457			0.974	1.00		
1,4-Dichlorobenzene	Ave	1.448			0.982	1.00		
Benzyl alcohol	Ave	0.8332			0.907	1.00		
1,2-Dichlorobenzene	Ave	1.380			0.915	1.00		
2-Methylphenol	Ave	1.220			1.02	1.00		
3 & 4 Methylphenol	Ave	1.279			0.957	1.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			1.05	1.00		
Acetophenone	Ave	1.808			1.02	1.00		
Hexachloroethane	Ave	0.5884			0.690	1.00		
Nitrobenzene	Ave	0.3635			1.03	1.00		
Isophorone	Ave	0.6380			0.997	1.00		
2-Nitrophenol	Ave	0.1710			0.988	1.00		
2,4-Dimethylphenol	Ave	0.3362			1.04	1.00		
Benzoic acid	Qua				2.51	2.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			1.00	1.00		
2,4-Dichlorophenol	Ave	0.2657			1.02	1.00		
1,2,4-Trichlorobenzene	Ave	0.3169			1.00	1.00		
Naphthalene	Ave	0.999			0.984	1.00		
Hexachlorobutadiene	Ave	0.1716			1.03	1.00		
Caprolactam	Qua				1.21	1.00		
4-Chloro-3-methylphenol	Ave	0.2854			1.04	1.00		
2-Methylnaphthalene	Ave	0.6393			0.961	1.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.102	1.00		
2,4,6-Trichlorophenol	Ave	0.3372			0.969	1.00		
2,4,5-Trichlorophenol	Ave	0.3632			0.995	1.00		
1,1'-Biphenyl	Ave	1.413			0.962	1.00		
2-Chloronaphthalene	Ave	1.105			0.979	1.00		
2-Nitroaniline	Ave	0.3242			0.974	1.00		
Dimethyl phthalate	Ave	1.175			0.967	1.00		
2,6-Dinitrotoluene	Qua				1.20	1.00		
Acenaphthylene	Ave	1.825			0.988	1.00		
3-Nitroaniline	Ave	0.2941			0.944	1.00		
Acenaphthene	Ave	1.097			1.01	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/26/2012 18:14

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.52	2.00		
4-Nitrophenol	Ave	0.1694			0.754	1.00		
2,4-Dinitrotoluene	Qua				1.21	1.00		
Dibenzofuran	Ave	1.629			0.920	1.00		
Diethyl phthalate	Ave	1.228			1.03	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.966	1.00		
4-Nitroaniline	Qua				1.13	1.00		
Fluorene	Ave	1.308			0.954	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.895	1.00		
N-Nitrosodiphenylamine	Ave	0.5517			0.968	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.918	1.00		
4-Bromophenyl phenyl ether	Ave	0.2040			0.990	1.00		
Hexachlorobenzene	Ave	0.2101			0.982	1.00		
Atrazine	Ave	0.1501			1.04	1.00		
Pentachlorophenol	Qua				2.07	2.00		
Phenanthrene	Ave	1.093			0.910	1.00		
Anthracene	Ave	1.086			0.978	1.00		
Carbazole	Ave	1.055			0.940	1.00		
Di-n-butyl phthalate	Ave	1.185			0.956	1.00		
Fluoranthene	Ave	1.207			0.986	1.00		
Benzidine	Qua				1.18	1.00		
Pyrene	Ave	1.276			0.953	1.00		
Butyl benzyl phthalate	Qua				1.10	1.00		
3,3'-Dichlorobenzidine	Qua				1.09	1.00		
Bis(2-ethylhexyl) phthalate	Qua				1.14	1.00		
Benzo[a]anthracene	Ave	1.116			1.03	1.00		
Chrysene	Ave	1.064			0.984	1.00		
Di-n-octyl phthalate	Qua				1.49	1.00		
Benzo[b]fluoranthene	Ave	1.276			1.12	1.00		
Benzo[k]fluoranthene	Ave	1.387			1.09	1.00		
Benzo[a]pyrene	Qua				1.08	1.00		
Indeno[1,2,3-cd]pyrene	Qua				0.696	1.00		
Dibenz(a,h)anthracene	Qua				0.791	1.00		
Benzo[g,h,i]perylene	Ave	1.145			0.580	1.00		
2-Fluorophenol (Surr)	Ave	1.236			0.935	1.00	94	35-105
Phenol-d5 (Surr)	Ave	1.570			0.981	1.00	98	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			1.04	1.00	104*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.958	1.00	96	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.946	1.00	95	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.962	1.00	96	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126020.D		
Lims ID:	mdll3	Client ID:	
Inject. Date:	26-Nov-2012 18:14:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015260-020		
Misc. Info.:	mdll3		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	66246	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m		
Last Update:	27-Nov-2012 16:02:07	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		

First Level Reviewer: gruberj Date: 27-Nov-2012 13:57:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	204949	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	773570	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	447212	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	784421	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	97	793943	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	91	552251	4.00	
$ 7 2-Fluorophenol	112	4.570	4.565	0.005	87	59249	0.9352	
$ 8 Phenol-d5	99	5.490	5.485	0.005	96	78919	0.9812	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	82	70544	1.04	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	98	138951	0.9577	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	78	17503	0.9461	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	97	141460	0.9620	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
24 1,4-Dioxane	88	2.260	2.254	0.006	78	17518	0.7365	
25 N-Nitrosodimethylamine	74	2.709	2.698	0.011	83	34025	1.17	
26 Pyridine	79	2.773	2.757	0.016	91	57033	0.8368	
232 1-Methyl-2-pyrrilidinone	99	3.372	3.271	0.101	0	124	0	
27 Ethyl methacrylate	69	3.463	3.458	0.005	84	53756	0.9492	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.880	3.870	0.010	84	33145	0.8770	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.260	4.250	0.010	97	54685	0.7670	
33 Acrylamide	71	4.399	4.401	-0.002	1	114	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.608	4.536	0.072	0	1358	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.383	5.376	0.007	1	247	0	
38 3-Methylcyclohexanone	69	5.426	5.414	0.012	1	291	0	
40 Benzaldehyde	77	5.442	5.437	0.005	94	56767	1.06	
39 4-Methylcyclohexanone	55	5.501	5.462	0.039	18	9176	0	
41 Phenol	94	5.501	5.501	0.0	99	81246	0.9474	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.539	5.533	0.006	93	104211	0.9717	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	87	61102	0.9225	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.645	5.646	-0.001	96	65085	0.9394	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	89	72726	0.9739	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	91	72856	0.9822	
49 Benzyl alcohol	108	5.956	5.956	0.0	89	38722	0.9070	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	88	64695	0.9147	
51 2-Methylphenol	108	6.052	6.047	0.005	94	63690	1.02	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	89	98256	1.01	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.180	6.180	0.0	95	62734	0.9573	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	91	48558	1.05	
57 Acetophenone	105	6.196	6.196	0.0	95	94173	1.02	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.298	6.298	0.0	93	20816	0.6904	
61 Nitrobenzene	77	6.352	6.346	0.006	83	72187	1.03	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.555	6.555	0.0	99	123002	1.00	
65 2-Nitrophenol	139	6.630	6.624	0.006	93	32686	0.9882	
66 1,3,5-Trichlorobenzene	180	6.640	6.635	0.005	93	62156	1.01	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	85	67469	1.04	
69 Benzoic acid	122	6.683	6.715	-0.032	88	49320	2.51	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	97	78653	1.00	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	92	52556	1.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	90	61354	1.00	
73 Naphthalene	128	6.983	6.983	0.0	96	190170	0.9838	
74 4-Chloroaniline	127	7.020	7.015	0.005	86	83513	1.01	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.079	7.079	0.0	92	34101	1.03	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.106	7.100	0.006	90	57886	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.293	7.304	-0.011	72	17170	1.21	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	90	57345	1.04	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	90	118782	0.9607	
86 1-Methylnaphthalene	142	7.657	7.657	0.0	92	114020	0.9691	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	32	3689	0.1018	
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	92	61361	1.01	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
90 2,4,6-Trichlorophenol	196	7.806	7.801	0.005	87	36526	0.9690	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	90	40415	1.00	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	98	46173	1.17	
96 1,2,3,4 -Tetrachlorobenzene	216	7.956	7.956	0.0	95	58985	0	
227 Isosafrole Peak 2	162		7.960					
95 1,1'-Biphenyl	154	7.961	7.961	0.0	95	151991	0.9623	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	95	120944	0.9794	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.063	8.063	0.0	72	35320	0.9743	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163	8.202	8.202	0.0	99	126948	0.9665	
102 1,4-Dinitrobenzene	168		8.211					
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	88	25165	1.20	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	82	12057	0.8273	
107 Acenaphthylene	152	8.341	8.341	0.0	92	201640	0.9885	
108 3-Nitroaniline	138	8.411	8.405	0.006	93	31029	0.9437	
110 Acenaphthene	153	8.486	8.486	0.0	94	123610	1.01	
109 2,4-Dinitrophenol	184	8.496	8.491	0.005	20	5501	2.52	
111 4-Nitrophenol	109	8.528	8.528	0.0	94	14287	0.7545	
112 2,4-Dinitrotoluene	165	8.603	8.598	0.005	86	35823	1.21	
114 Dibenzofuran	168	8.630	8.630	0.0	90	167445	0.9197	
113 Pentachlorobenzene	250		8.633					
115 2,3,5,6-Tetrachlorophenol	232	8.689	8.689	0.0	88	31654	0.9456	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
119 Diethyl phthalate	149	8.790	8.791	0.0	97	140975	1.03	
118 2-Naphthylamine	143		8.799					
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	92	66823	0.9660	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.919	8.919	0.0	91	139444	0.9537	
123 4-Nitroaniline	138	8.919	8.919	0.0	59	31603	1.13	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	50	6327	0.8955	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	104718	0.9680	
128 Diphenylamine	169	9.004	9.040	-0.036	92	104718	0.8828	
131 Azobenzene	77	9.042	9.042	0.0	99	140124	0.9179	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	140124	0.9179	
132 Sulfotepp	202	9.117	9.152	-0.035	75	15923	1.22	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.325	9.320	0.005	62	39600	0.9898	
230 Diallate Peak 2	86		9.356					1
139 Hexachlorobenzene	284	9.384	9.384	0.0	85	40466	0.9822	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.432	9.432	0.0	86	30719	1.04	
141 Pentachlorophenol	266	9.545	9.545	0.0	90	47208	2.07	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.737	9.732	0.005	90	195012	0.9100	
147 Anthracene	178	9.780	9.780	0.0	97	208147	0.9776	
148 DFTPP								
149 Carbazole	167	9.903	9.903	0.0	86	194452	0.9401	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	98	222091	0.9561	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.743	10.737	0.006	98	233315	0.9858	
158 Benzidine	184	10.839	10.834	0.005	97	104754	1.18	
160 Pyrene	202	10.946	10.941	0.005	95	241332	0.9526	
164 4,4'-DDE	246		11.005					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.358					9
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	95	99814	1.10	
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.641					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.117	12.117	0.0	88	41255	1.45	
173 3,3'-Dichlorobenzidine	252	12.160	12.155	0.005	68	79909	1.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.155	12.155	0.0	70	34598	1.00	
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	138251	1.14	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	91	227183	1.03	
176 Chrysene	228	12.256	12.251	0.005	90	207757	0.9838	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					9
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	97	230646	1.49	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	94	196903	1.12	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	98	209138	1.09	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.177	14.171	0.006	75	172159	1.08	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					9
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	89	120674	0.6959	
187 Dibenz(a,h)anthracene	278	15.910	15.904	0.006	65	106574	0.7909	
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	92	91637	0.5796	
S 189 Methyl Phenols,Total	100				0		1.02	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.271	0.0	7.271	86	20301	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.067	3.053	0.017	1	62	0	
T 194 Octadecane (TIC)	254	15.498	6.300	9.198	87	88760	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

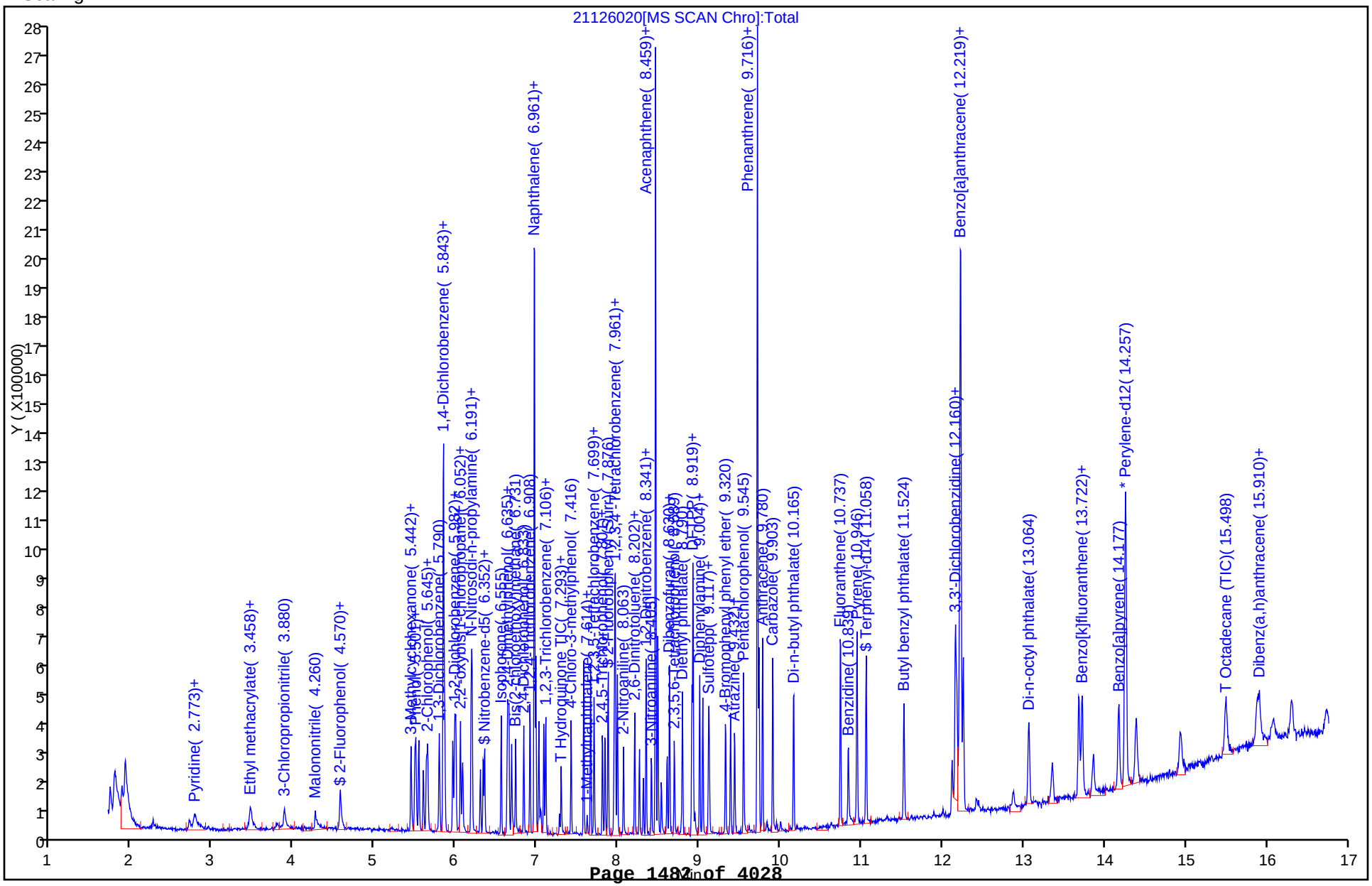
Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 16:19:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126020.D		
Injection Date:	26-Nov-2012 18:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/26/2012 18:38

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			1.98	2.00		
N-Nitrosodimethylamine	Qua				2.05	2.00		
Pyridine	Ave	1.330			2.01	2.00		
Benzaldehyde	Ave	1.043			2.17	2.00		
Phenol	Ave	1.674			2.03	2.00		
Aniline	Ave	2.093			1.98	2.00		
Bis(2-chloroethyl)ether	Ave	1.293			2.00	2.00		
2-Chlorophenol	Ave	1.352			1.92	2.00		
1,3-Dichlorobenzene	Ave	1.457			2.00	2.00		
1,4-Dichlorobenzene	Ave	1.448			1.88	2.00		
Benzyl alcohol	Ave	0.8332			2.02	2.00		
1,2-Dichlorobenzene	Ave	1.380			1.99	2.00		
2-Methylphenol	Ave	1.220			2.02	2.00		
3 & 4 Methylphenol	Ave	1.279			1.97	2.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			2.09	2.00		
Acetophenone	Ave	1.808			1.97	2.00		
Hexachloroethane	Ave	0.5884			1.58	2.00		
Nitrobenzene	Ave	0.3635			2.01	2.00		
Isophorone	Ave	0.6380			2.04	2.00		
2-Nitrophenol	Ave	0.1710			2.03	2.00		
2,4-Dimethylphenol	Ave	0.3362			1.94	2.00		
Benzoic acid	Qua				4.17	4.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			1.95	2.00		
2,4-Dichlorophenol	Ave	0.2657			2.04	2.00		
1,2,4-Trichlorobenzene	Ave	0.3169			2.01	2.00		
Naphthalene	Ave	0.999			1.95	2.00		
Hexachlorobutadiene	Ave	0.1716			2.04	2.00		
Caprolactam	Qua				2.16	2.00		
4-Chloro-3-methylphenol	Ave	0.2854			2.01	2.00		
2-Methylnaphthalene	Ave	0.6393			1.94	2.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.274	2.00		
2,4,6-Trichlorophenol	Ave	0.3372			2.02	2.00		
2,4,5-Trichlorophenol	Ave	0.3632			2.02	2.00		
1,1'-Biphenyl	Ave	1.413			1.90	2.00		
2-Chloronaphthalene	Ave	1.105			1.93	2.00		
2-Nitroaniline	Ave	0.3242			2.10	2.00		
Dimethyl phthalate	Ave	1.175			1.99	2.00		
2,6-Dinitrotoluene	Qua				2.21	2.00		
Acenaphthylene	Ave	1.825			1.98	2.00		
3-Nitroaniline	Ave	0.2941			2.13	2.00		
Acenaphthene	Ave	1.097			1.96	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/26/2012 18:38

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21126021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				3.28	4.00		
4-Nitrophenol	Ave	0.1694			1.88	2.00		
2,4-Dinitrotoluene	Qua				2.24	2.00		
Dibenzofuran	Ave	1.629			1.97	2.00		
Diethyl phthalate	Ave	1.228			1.97	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			1.97	2.00		
4-Nitroaniline	Qua				2.11	2.00		
Fluorene	Ave	1.308			1.92	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.47	2.00		
N-Nitrosodiphenylamine	Ave	0.5517			1.97	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			1.93	2.00		
4-Bromophenyl phenyl ether	Ave	0.2040			2.00	2.00		
Hexachlorobenzene	Ave	0.2101			2.00	2.00		
Atrazine	Ave	0.1501			2.10	2.00		
Pentachlorophenol	Qua				3.94	4.00		
Phenanthrene	Ave	1.093			1.88	2.00		
Anthracene	Ave	1.086			1.98	2.00		
Carbazole	Ave	1.055			1.95	2.00		
Di-n-butyl phthalate	Ave	1.185			2.03	2.00		
Fluoranthene	Ave	1.207			2.03	2.00		
Benzidine	Qua				2.09	2.00		
Pyrene	Ave	1.276			1.95	2.00		
Butyl benzyl phthalate	Qua				2.08	2.00		
3,3'-Dichlorobenzidine	Qua				2.09	2.00		
Bis(2-ethylhexyl) phthalate	Qua				2.13	2.00		
Benzo[a]anthracene	Ave	1.116			2.00	2.00		
Chrysene	Ave	1.064			1.97	2.00		
Di-n-octyl phthalate	Qua				2.72	2.00		
Benzo[b]fluoranthene	Ave	1.276			2.18	2.00		
Benzo[k]fluoranthene	Ave	1.387			2.23	2.00		
Benzo[a]pyrene	Qua				2.06	2.00		
Indeno[1,2,3-cd]pyrene	Qua				1.24	2.00		
Dibenz(a,h)anthracene	Qua				1.33	2.00		
Benzo[g,h,i]perylene	Ave	1.145			1.10	2.00		
2-Fluorophenol (Surr)	Ave	1.236			1.91	2.00	95	35-105
Phenol-d5 (Surr)	Ave	1.570			2.04	2.00	102*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			2.08	2.00	104*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			1.94	2.00	97	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			1.90	2.00	95	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			1.94	2.00	97	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126021.D		
Lims ID:	mdll4	Client ID:	
Inject. Date:	26-Nov-2012 18:38:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015260-021		
Misc. Info.:	mdll4		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	66246	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m		
Last Update:	27-Nov-2012 16:02:07	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		

First Level Reviewer: gruberj Date: 27-Nov-2012 14:00:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	215838	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	829702	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	473659	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	826739	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	97	858949	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	90	569161	4.00	
$ 7 2-Fluorophenol	112	4.570	4.565	0.005	88	127174	1.91	
$ 8 Phenol-d5	99	5.490	5.485	0.005	95	172394	2.04	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	89	151477	2.08	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	297947	1.94	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	91	37226	1.90	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	98	308588	1.94	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
24 1,4-Dioxane	88	2.260	2.254	0.006	92	49672	1.98	
25 N-Nitrosodimethylamine	74	2.704	2.698	0.006	89	75466	2.05	
26 Pyridine	79	2.763	2.757	0.006	95	144528	2.01	
232 1-Methyl-2-pyrrilidinone	99	3.276	3.271	0.005	0	200	0	
27 Ethyl methacrylate	69	3.463	3.458	0.005	89	113490	1.90	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.875	3.870	0.005	90	88324	2.22	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.255	4.250	0.005	97	117534	1.57	
33 Acrylamide	71	4.410	4.401	0.009	36	70	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.512	4.536	-0.024	0	662	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.378	5.376	0.002	2	268	0	
38 3-Methylcyclohexanone	69	5.421	5.414	0.007	1	745	0	
40 Benzaldehyde	77	5.442	5.437	0.005	92	122267	2.17	
39 4-Methylcyclohexanone	55	5.448	5.462	-0.014	1	1554	0	
41 Phenol	94	5.501	5.501	0.0	99	183694	2.03	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.538	5.533	0.005	97	223317	1.98	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	95	139609	2.00	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.645	5.646	-0.001	97	139875	1.92	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	95	156961	2.00	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	93	146879	1.88	
49 Benzyl alcohol	108	5.956	5.956	0.0	90	91031	2.02	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	88	148045	1.99	
51 2-Methylphenol	108	6.052	6.047	0.005	95	133111	2.02	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	90	212731	2.08	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.180	6.180	0.0	97	135995	1.97	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	91	101922	2.09	
57 Acetophenone	105	6.196	6.196	0.0	94	192451	1.97	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.298	6.298	0.0	92	50066	1.58	
61 Nitrobenzene	77	6.351	6.346	0.005	80	151771	2.01	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.555	6.555	0.0	97	269839	2.04	
65 2-Nitrophenol	139	6.630	6.624	0.006	94	71935	2.03	
66 1,3,5-Trichlorobenzene	180	6.640	6.635	0.005	92	131819	2.00	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	92	135126	1.94	
69 Benzoic acid	122	6.694	6.715	-0.021	84	134559	4.17	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	98	164310	1.95	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	95	112259	2.04	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	92	132392	2.01	
73 Naphthalene	128	6.983	6.983	0.0	95	405102	1.95	
74 4-Chloroaniline	127	7.020	7.015	0.005	87	170096	1.92	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.079	7.079	0.0	89	72507	2.04	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.106	7.100	0.006	94	127415	0	
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113	7.298	7.304	-0.006	69	40918	2.16	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	96	119221	2.01	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	90	256675	1.94	
86 1-Methylnaphthalene	142	7.657	7.657	0.0	89	254192	2.01	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	44	10520	0.2741	
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	97	131573	2.04	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	94	80560	2.02	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	95	87040	2.02	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	96	92362	2.19	
96 1,2,3,4 -Tetrachlorobenzene	216	7.956	7.956	0.0	94	124053	0	
227 Isosafrole Peak 2	162		7.960					
95 1,1'-Biphenyl	154	7.961	7.961	0.0	95	318497	1.90	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	251790	1.93	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.063	8.063	0.0	81	80804	2.10	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	276873	1.99	
102 1,4-Dinitrobenzene	168		8.211					
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	89	60090	2.21	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	91	33573	2.18	
107 Acenaphthylene	152	8.341	8.341	0.0	91	428613	1.98	
108 3-Nitroaniline	138	8.405	8.405	0.0	94	74211	2.13	
110 Acenaphthene	153	8.486	8.486	0.0	93	255270	1.96	
109 2,4-Dinitrophenol	184	8.496	8.491	0.005	64	24782	3.28	
111 4-Nitrophenol	109	8.528	8.528	0.0	91	37753	1.88	
112 2,4-Dinitrotoluene	165	8.603	8.598	0.005	92	83458	2.24	
114 Dibenzofuran	168	8.630	8.630	0.0	88	379731	1.97	
113 Pentachlorobenzene	250		8.633					9
115 2,3,5,6-Tetrachlorophenol	232	8.689	8.689	0.0	92	70157	1.98	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
119 Diethyl phthalate	149	8.790	8.791	0.0	98	285772	1.97	
118 2-Naphthylamine	143		8.799					
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	90	144653	1.97	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.919	8.919	0.0	90	297873	1.92	
123 4-Nitroaniline	138	8.919	8.919	0.0	60	72053	2.11	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	79	23053	1.47	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	224113	1.97	
128 Diphenylamine	169	9.004	9.040	-0.036	95	224113	1.79	
131 Azobenzene	77	9.042	9.042	0.0	99	311352	1.94	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	310475	1.93	
132 Sulfotepp	202	9.117	9.152	-0.035	78	34242	2.21	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.325	9.320	0.005	61	84261	2.00	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.384	9.384	0.0	86	86920	2.00	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.438	9.432	0.006	93	65037	2.10	
141 Pentachlorophenol	266	9.545	9.545	0.0	90	105011	3.94	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.737	9.732	0.005	95	424518	1.88	
147 Anthracene	178	9.780	9.780	0.0	97	443369	1.98	
148 DFTPP								
149 Carbazole	167	9.908	9.903	0.005	82	425010	1.95	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	99	495898	2.03	
152 Diphenylsulfone	125		10.209					9
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.743	10.737	0.006	97	507206	2.03	
158 Benzidine	184	10.839	10.834	0.005	94	247270	2.09	
160 Pyrene	202	10.946	10.941	0.005	96	533616	1.95	
164 4,4'-DDE	246		11.005					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.358					
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	96	216473	2.08	
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.641					
169 2-Acetylaminofluorene	181		11.859					9
170 3,3'-Dimethoxybenzidine	244	12.117	12.117	0.0	95	102154	2.39	
173 3,3'-Dichlorobenzidine	252	12.160	12.155	0.005	67	182815	2.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.160	12.155	0.005	70	83778	2.08	
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	95	307419	2.13	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	94	478776	2.00	
176 Chrysene	228	12.256	12.251	0.005	94	450100	1.97	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	99	492583	2.72	
180 Benzo[b]fluoranthene	252	13.684	13.679	0.005	94	395965	2.18	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	92	440330	2.23	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.171	14.171	0.0	74	359542	2.06	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	97	235527	1.24	
187 Dibenz(a,h)anthracene	278	15.909	15.904	0.005	71	204962	1.33	
188 Benzo[g,h,i]perylene	276	16.300	16.305	-0.005	92	179305	1.10	
S 189 Methyl Phenols,Total	100				0		2.02	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.271	0.0	7.271	90	50971	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.073	3.053	0.023	1	205	0	
T 194 Octadecane (TIC)	254	14.390	6.300	8.090	87	48276	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

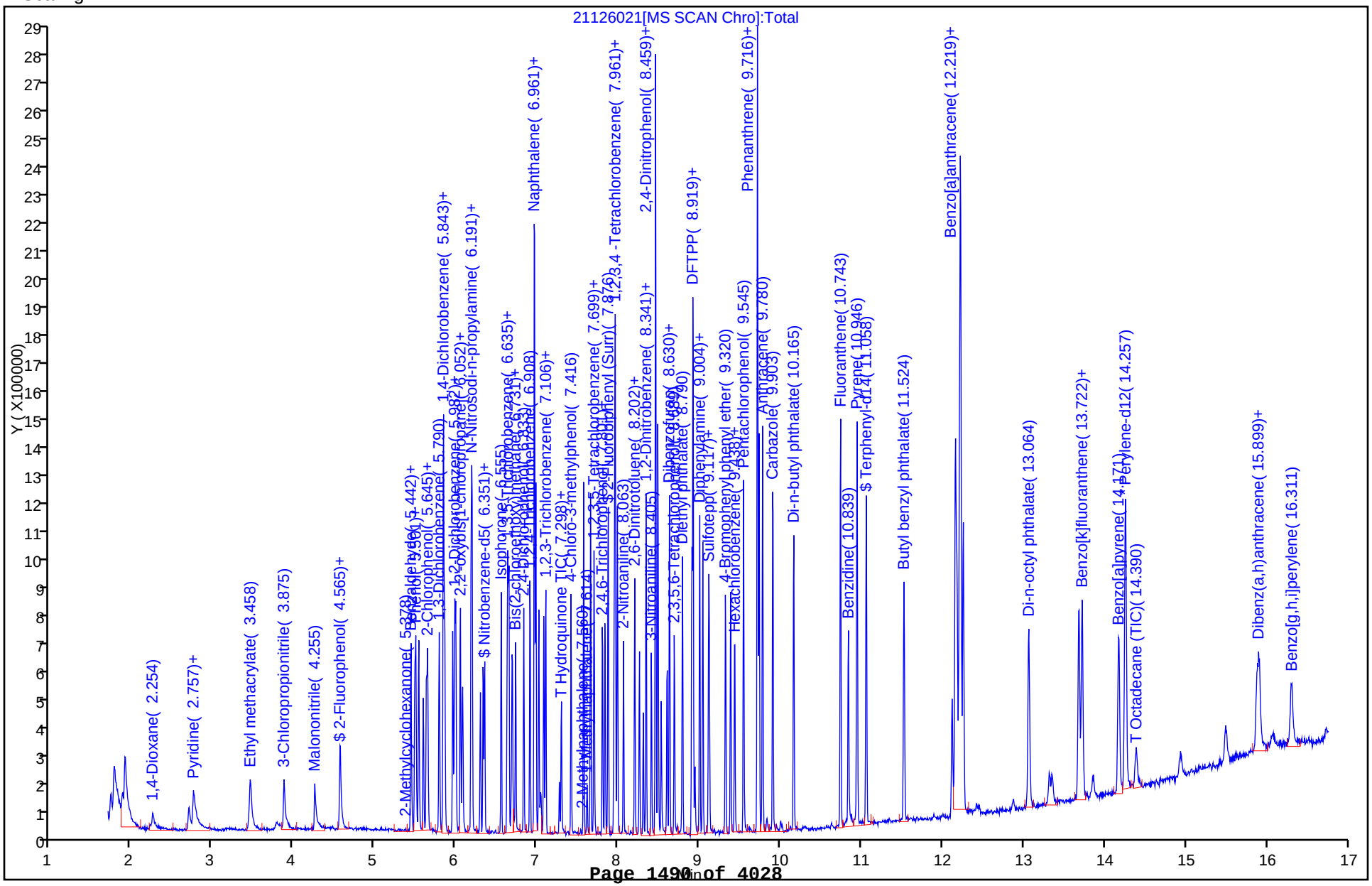
Report Date: 27-Nov-2012 16:19:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126021.D

Injection Date:	26-Nov-2012 18:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64921/21 Calibration Date: 11/14/2012 14:53

Instrument ID: A4HP9 Calib Start Date: 11/08/2012 12:24

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/08/2012 14:39

Lab File ID: 21114021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dichlorophenol	Ave	0.2552	0.3309	0.0500	0.0100	10.0	29.6*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5067		0.0500	0.000550	10.0		20.0
N-Nitrosopyrrolidine	Ave	0.9526		0.0500	0.00240	10.0		20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114021.D
Lims ID: icv ind Client ID:
Inject. Date: 14-Nov-2012 14:53:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014932-021
Misc. Info.: ICV IND =ICV IND
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 64921 Lims Sample ID: 21
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m
Last Update: 15-Nov-2012 07:40:27 Calib Date: 14-Nov-2012 14:12:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: ulmanm Date: 14-Nov-2012 15:28:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.835	3.839	-0.004	87	155222	4.00	
* 2 Naphthalene-d8	136	4.796	4.795	0.001	99	585567	4.00	
* 3 Acenaphthene-d10	164	6.089	6.087	0.002	77	383760	4.00	
* 4 Phenanthrene-d10	188	7.173	7.172	0.001	97	681510	4.00	
* 5 Chrysene-d12	240	9.128	9.116	0.012	78	726263	4.00	
* 6 Perylene-d12	264	10.495	10.483	0.012	97	612788	4.00	
25 1,4-Dioxane	88	1.736	1.740	-0.004	81	335411	10.1	
26 N-Nitrosodimethylamine	74	1.912	1.911	0.001	87	575046	10.6	
41 Benzaldehyde	77	3.504	3.502	0.002	84	214324	3.27	
43 Phenol	94	3.525	3.529	-0.004	87	961327	10.7	
44 Aniline	93	3.579	3.582	-0.003	82	506568	4.47	
69 Bis(2-chloroethyl)ether	93	3.611	3.609	0.002	93	791384	10.9	
46 2-Chlorophenol	128	3.675	3.679	-0.004	91	545234	10.4	
47 1,3-Dichlorobenzene	146	3.798	3.796	0.002	83	628966	10.4	
48 1,4-Dichlorobenzene	146	3.851	3.850	0.001	83	630716	10.6	
49 Benzyl alcohol	108	3.921	3.919	0.002	85	452210	10.7	
50 1,2-Dichlorobenzene	146	3.969	3.972	-0.003	85	590969	10.3	
56 N-Nitrosopyrrolidine	100		3.987					
51 2-Methylphenol	108	3.990	3.988	0.002	88	539279	9.22	
53 2,2'-oxybis[1-chloropropane]	45	4.017	4.020	-0.003	98	662613	10.5	
21 3 & 4 Methylphenol	108	4.102	4.106	-0.004	92	626752	10.1	
57 N-Nitrosodi-n-propylamine	70	4.118	4.122	-0.004	70	697249	11.1	
58 Acetophenone	105	4.129	4.127	0.002	75	962404	10.4	
61 Hexachloroethane	117	4.230	4.229	0.001	89	257008	10.4	
62 Nitrobenzene	77	4.262	4.261	0.001	77	950735	10.8	
64 Isophorone	82	4.433	4.437	-0.004	95	1646407	10.6	
66 2-Nitrophenol	139	4.503	4.501	0.002	88	313357	10.7	
65 2,4-Dimethylphenol	107	4.508	4.506	0.002	96	640391	8.98	
71 Benzoic acid	122	4.599	4.592	0.007	78	827060	23.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 Bis(2-chloroethoxy)methane	93	4.577	4.576	0.001	96	877466	10.7	
73 2,4-Dichlorophenol	162	4.679	4.677	0.002	91	484387	10.9	
77 2,6-Dichlorophenol	162	4.679	4.729	-0.050	85	484387	0	
74 1,2,4-Trichlorobenzene	180	4.748	4.747	0.001	85	539968	10.1	
75 Naphthalene	128	4.812	4.811	0.001	98	1626707	10.7	
76 4-Chloroaniline	127	4.834	4.832	0.002	76	528586	8.08	
79 Hexachlorobutadiene	225	4.898	4.896	0.002	87	341959	10.8	
84 Caprolactam	113	5.096	5.094	0.002	81	229475	11.2	
86 4-Chloro-3-methylphenol	107	5.176	5.174	0.002	79	676556	10.9	
87 2-Methylnaphthalene	142	5.320	5.318	0.002	85	1076079	10.8	
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
89 Hexachlorocyclopentadiene	237	5.437	5.436	0.001	85	423297	11.0	
92 2,4,6-Trichlorophenol	196	5.517	5.516	0.001	92	413367	11.1	
93 2,4,5-Trichlorophenol	196	5.550	5.548	0.002	93	432506	10.9	
98 1,1'-Biphenyl	154	5.656	5.655	0.001	96	1421418	11.0	
100 2-Chloronaphthalene	162	5.683	5.681	0.002	98	1131574	10.9	
102 2-Nitroaniline	65	5.742	5.740	0.002	71	495635	11.2	
105 Dimethyl phthalate	163	5.854	5.852	0.002	96	1338117	11.0	
107 2,6-Dinitrotoluene	165	5.907	5.906	0.001	86	311347	11.1	
109 Acenaphthylene	152	5.988	5.986	0.002	86	1757292	10.7	
110 3-Nitroaniline	138	6.036	6.034	0.002	84	281131	9.73	
111 2,4-Dinitrophenol	184	6.110	6.109	0.001	70	483202	20.5	
112 Acenaphthene	153	6.116	6.114	0.002	93	1099890	10.8	
113 4-Nitrophenol	109	6.137	6.135	0.002	84	234239	11.1	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
114 2,4-Dinitrotoluene	165	6.201	6.200	0.001	82	432418	11.4	
116 Dibenzofuran	168	6.239	6.237	0.002	85	1592958	10.7	
121 Diethyl phthalate	149	6.361	6.360	0.001	96	1330835	11.1	
123 4-Chlorophenyl phenyl ether	204	6.468	6.467	0.001	86	723284	11.0	
125 4-Nitroaniline	138	6.484	6.483	0.001	68	315778	10.2	
126 Fluorene	166	6.484	6.488	-0.004	74	1322500	10.5	
128 4,6-Dinitro-2-methylphenol	198	6.500	6.499	0.001	85	305116	11.8	
131 N-Nitrosodiphenylamine	169	6.548	6.547	0.001	98	996825	10.6	
133 Azobenzene	77	6.580	6.579	0.001	96	1961611	11.3	
139 4-Bromophenyl phenyl ether	248	6.826	6.824	0.002	62	378864	11.0	
141 Hexachlorobenzene	284	6.895	6.894	0.001	83	363452	11.0	
142 Atrazine	200		6.910					9
143 Pentachlorophenol	266	7.029	7.027	0.002	83	582530	24.6	
148 Phenanthrene	178	7.189	7.188	0.001	87	1985381	10.9	
149 Anthracene	178	7.227	7.225	0.002	87	1999698	10.6	
151 Carbazole	167	7.328	7.327	0.001	82	1795130	10.9	
154 Di-n-butyl phthalate	149	7.536	7.529	0.007	100	2325914	11.3	
159 Fluoranthene	202	8.055	8.053	0.002	99	2356734	11.0	
160 Benzidine	184		8.117					9
161 Pyrene	202	8.225	8.224	0.001	95	2391261	10.4	
168 Butyl benzyl phthalate	149	8.637	8.630	0.007	93	1065561	10.8	
173 Bis(2-ethylhexyl) phthalate	149	9.048	9.036	0.012	95	1455931	10.5	
175 3,3'-Dichlorobenzidine	252	9.069	9.062	0.007	54	621072	7.80	
177 Benzo[a]anthracene	228	9.117	9.105	0.012	89	2250336	9.87	
178 Chrysene	228	9.149	9.137	0.012	91	2132319	10.5	
180 Di-n-octyl phthalate	149	9.566	9.554	0.012	98	2520832	10.2	
182 Benzo[b]fluoranthene	252	10.073	10.061	0.012	85	1973040	8.69	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	10.100	10.088	0.012	86	2285872	11.0	
184 Benzo[a]pyrene	252	10.437	10.424	0.013	75	1716430	8.71	
188 Indeno[1,2,3-cd]pyrene	276	11.980	11.957	0.023	90	2016577	9.90	
189 Dibenz(a,h)anthracene	278	11.980	11.963	0.017	84	1701875	10.0	
190 Benzo[g,h,i]perylene	276	12.429	12.406	0.023	90	1647532	9.62	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

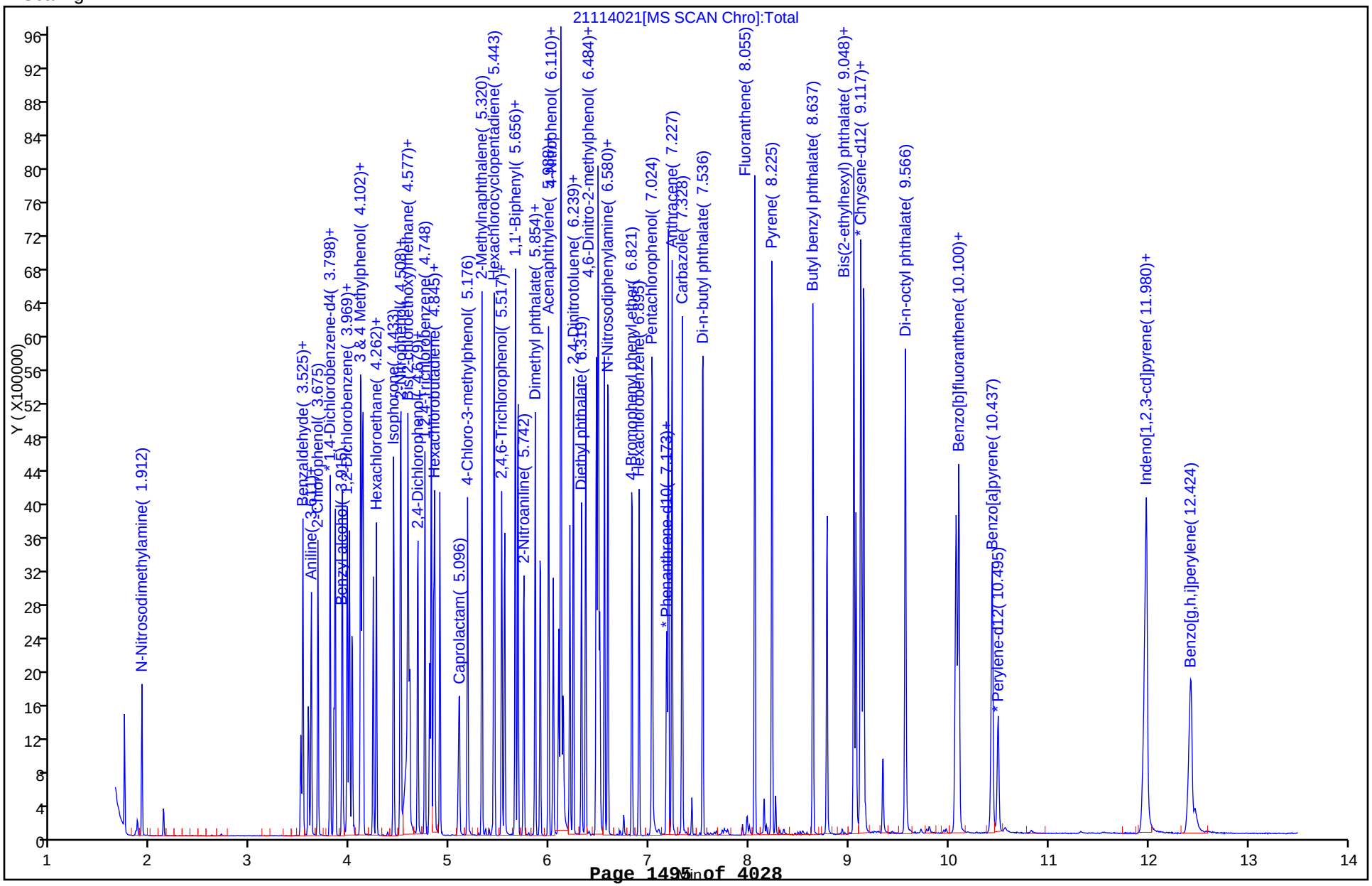
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114021.D

Injection Date:	14-Nov-2012 14:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64921/21 Calibration Date: 11/14/2012 14:53

Instrument ID: A4HP9 Calib Start Date: 11/14/2012 11:39

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/14/2012 14:12

Lab File ID: 21114021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8555	0.8643	0.0500	10.1	10.0	1.0	20.0
N-Nitrosodimethylamine	Ave	1.399	1.482	0.0500	10.6	10.0	5.9	20.0
Benzaldehyde	Ave	1.691	0.5523	0.0500	3.27	10.0	-67.3*	20.0
Phenol	Ave	2.318	2.477	0.0500	10.7	10.0	6.9	20.0
Aniline	Ave	2.922	1.305	0.0500	4.47	10.0	-55.3*	20.0
Bis(2-chloroethyl)ether	Ave	1.866	2.039	0.0500	10.9	10.0	9.3	20.0
2-Chlorophenol	Ave	1.357	1.405	0.0500	10.4	10.0	3.6	20.0
1,3-Dichlorobenzene	Ave	1.562	1.621	0.0500	10.4	10.0	3.8	20.0
1,4-Dichlorobenzene	Ave	1.532	1.625	0.0500	10.6	10.0	6.1	20.0
Benzyl alcohol	Ave	1.087	1.165	0.0500	10.7	10.0	7.2	20.0
1,2-Dichlorobenzene	Ave	1.482	1.523	0.0500	10.3	10.0	2.7	20.0
2-Methylphenol	Ave	1.507	1.390	0.0500	9.22	10.0	-7.8	20.0
bis (2-chloroisopropyl) ether	Ave	1.633	1.708	0.0500	10.5	10.0	4.6	20.0
3 & 4 Methylphenol	Ave	1.605	1.615	0.0500	10.1	10.0	0.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.626	1.797	0.0500	11.1	10.0	10.5	20.0
Acetophenone	Ave	2.393	2.480	0.0500	10.4	10.0	3.7	20.0
Hexachloroethane	Ave	0.6342	0.6623	0.0500	10.4	10.0	4.4	20.0
Nitrobenzene	Ave	0.6002	0.6495	0.0500	10.8	10.0	8.2	20.0
Isophorone	Ave	1.057	1.125	0.0500	10.6	10.0	6.4	20.0
2-Nitrophenol	Ave	0.1992	0.2141	0.0500	10.7	10.0	7.5	20.0
2,4-Dimethylphenol	Ave	0.4869	0.4375	0.0500	8.98	10.0	-10.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.5579	0.5994	0.0500	10.7	10.0	7.4	20.0
Benzoic acid	Qua		0.2825	0.0500	23.3	20.0	16.4	20.0
2,4-Dichlorophenol	Ave	0.3029	0.3309	0.0500	10.9	10.0	9.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3641	0.3689	0.0500	10.1	10.0	1.3	20.0
Naphthalene	Ave	1.038	1.111	0.0500	10.7	10.0	7.1	20.0
4-Chloroaniline	Ave	0.4469	0.3611	0.0500	8.08	10.0	-19.2	20.0
Hexachlorobutadiene	Ave	0.2166	0.2336	0.0500	10.8	10.0	7.9	20.0
Caprolactam	Ave	0.1400	0.1568	0.0500	11.2	10.0	12.0	20.0
4-Chloro-3-methylphenol	Ave	0.4229	0.4622	0.0500	10.9	10.0	9.3	20.0
2-Methylnaphthalene	Ave	0.6836	0.7351	0.0500	10.8	10.0	7.5	20.0
Hexachlorocyclopentadiene	Ave	0.3993	0.4412	0.0500	11.0	10.0	10.5	20.0
2,4,6-Trichlorophenol	Ave	0.3874	0.4309	0.0500	11.1	10.0	11.2	20.0
2,4,5-Trichlorophenol	Ave	0.4146	0.4508	0.0500	10.9	10.0	8.7	20.0
1,1'-Biphenyl	Ave	1.348	1.482	0.0500	11.0	10.0	9.9	20.0
2-Chloronaphthalene	Ave	1.082	1.179	0.0500	10.9	10.0	9.0	20.0
2-Nitroaniline	Ave	0.4617	0.5166	0.0500	11.2	10.0	11.9	20.0
Dimethyl phthalate	Ave	1.271	1.395	0.0500	11.0	10.0	9.7	20.0
2,6-Dinitrotoluene	Ave	0.2922	0.3245	0.0500	11.1	10.0	11.1	20.0
Acenaphthylene	Ave	1.715	1.832	0.0500	10.7	10.0	6.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-64921/21 Calibration Date: 11/14/2012 14:53

Instrument ID: A4HP9 Calib Start Date: 11/14/2012 11:39

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/14/2012 14:12

Lab File ID: 21114021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3-Nitroaniline	Ave	0.3011	0.2930	0.0500	9.73	10.0	-2.7	20.0
2,4-Dinitrophenol	Qua		0.2518	0.0500	20.5	20.0	2.4	20.0
Acenaphthene	Ave	1.059	1.146	0.0500	10.8	10.0	8.2	20.0
4-Nitrophenol	Ave	0.2190	0.2442	0.0500	11.1	10.0	11.5	20.0
2,4-Dinitrotoluene	Ave	0.3953	0.4507	0.0500	11.4	10.0	14.0	20.0
Dibenzofuran	Ave	1.550	1.660	0.0500	10.7	10.0	7.1	20.0
Diethyl phthalate	Ave	1.253	1.387	0.0500	11.1	10.0	10.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.6853	0.7539	0.0500	11.0	10.0	10.0	20.0
4-Nitroaniline	Ave	0.3232	0.3291	0.0500	10.2	10.0	1.8	20.0
Fluorene	Ave	1.311	1.378	0.0500	10.5	10.0	5.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1513	0.1791	0.0500	11.8	10.0	18.3	20.0
N-Nitrosodiphenylamine	Ave	0.5533	0.5851	0.0500	10.6	10.0	5.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2025	0.2224	0.0500	11.0	10.0	9.8	20.0
Hexachlorobenzene	Ave	0.1936	0.2133	0.0500	11.0	10.0	10.2	20.0
Pentachlorophenol	Ave	0.1392	0.1710	0.0500	24.6	20.0	22.8*	20.0
Phenanthrene	Ave	1.069	1.165	0.0500	10.9	10.0	9.0	20.0
Anthracene	Ave	1.104	1.174	0.0500	10.6	10.0	6.3	20.0
Carbazole	Ave	0.9707	1.054	0.0500	10.9	10.0	8.5	20.0
Di-n-butyl phthalate	Ave	1.210	1.365	0.0500	11.3	10.0	12.8	20.0
Fluoranthene	Ave	1.253	1.383	0.0500	11.0	10.0	10.4	20.0
Pyrene	Ave	1.271	1.317	0.0500	10.4	10.0	3.6	20.0
Butyl benzyl phthalate	Ave	0.5459	0.5869	0.0500	10.8	10.0	7.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7669	0.8019	0.0500	10.5	10.0	4.6	20.0
3,3'-Dichlorobenzidine	Ave	0.4385	0.3421	0.0500	7.80	10.0	-22.0*	20.0
Benzo[a]anthracene	Ave	1.256	1.239	0.0500	9.87	10.0	-1.3	20.0
Chrysene	Ave	1.119	1.174	0.0500	10.5	10.0	4.9	20.0
Di-n-octyl phthalate	Ave	1.618	1.645	0.0500	10.2	10.0	1.7	20.0
Benzo[b]fluoranthene	Ave	1.481	1.288	0.0500	8.69	10.0	-13.1	20.0
Benzo[k]fluoranthene	Ave	1.360	1.492	0.0500	11.0	10.0	9.7	20.0
Benzo[a]pyrene	Ave	1.286	1.120	0.0500	8.71	10.0	-12.9	20.0
Dibenz(a,h)anthracene	Ave	1.111	1.111	0.0500	10.0	10.0	-0.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.330	1.316	0.0500	9.90	10.0	-1.0	20.0
Benzo[g,h,i]perylene	Ave	1.118	1.075	0.0500	9.62	10.0	-3.8	20.0
Atrazine	Ave	0.1913		0.0500	0.000800	10.0		20.0
Benzidine	Ave	0.6825		0.0500	0.00240	10.0		20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114021.D
Lims ID: icv ind Client ID:
Inject. Date: 14-Nov-2012 14:53:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014932-021
Misc. Info.: ICV IND =ICV IND
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 64921 Lims Sample ID: 21
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m
Last Update: 15-Nov-2012 07:40:27 Calib Date: 14-Nov-2012 14:12:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: ulmanm Date: 14-Nov-2012 15:28:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.835	3.839	-0.004	87	155222	4.00	
* 2 Naphthalene-d8	136	4.796	4.795	0.001	99	585567	4.00	
* 3 Acenaphthene-d10	164	6.089	6.087	0.002	77	383760	4.00	
* 4 Phenanthrene-d10	188	7.173	7.172	0.001	97	681510	4.00	
* 5 Chrysene-d12	240	9.128	9.116	0.012	78	726263	4.00	
* 6 Perylene-d12	264	10.495	10.483	0.012	97	612788	4.00	
25 1,4-Dioxane	88	1.736	1.740	-0.004	81	335411	10.1	
26 N-Nitrosodimethylamine	74	1.912	1.911	0.001	87	575046	10.6	
41 Benzaldehyde	77	3.504	3.502	0.002	84	214324	3.27	
43 Phenol	94	3.525	3.529	-0.004	87	961327	10.7	
44 Aniline	93	3.579	3.582	-0.003	82	506568	4.47	
69 Bis(2-chloroethyl)ether	93	3.611	3.609	0.002	93	791384	10.9	
46 2-Chlorophenol	128	3.675	3.679	-0.004	91	545234	10.4	
47 1,3-Dichlorobenzene	146	3.798	3.796	0.002	83	628966	10.4	
48 1,4-Dichlorobenzene	146	3.851	3.850	0.001	83	630716	10.6	
49 Benzyl alcohol	108	3.921	3.919	0.002	85	452210	10.7	
50 1,2-Dichlorobenzene	146	3.969	3.972	-0.003	85	590969	10.3	
56 N-Nitrosopyrrolidine	100		3.987					
51 2-Methylphenol	108	3.990	3.988	0.002	88	539279	9.22	
53 2,2'-oxybis[1-chloropropane]	45	4.017	4.020	-0.003	98	662613	10.5	
21 3 & 4 Methylphenol	108	4.102	4.106	-0.004	92	626752	10.1	
57 N-Nitrosodi-n-propylamine	70	4.118	4.122	-0.004	70	697249	11.1	
58 Acetophenone	105	4.129	4.127	0.002	75	962404	10.4	
61 Hexachloroethane	117	4.230	4.229	0.001	89	257008	10.4	
62 Nitrobenzene	77	4.262	4.261	0.001	77	950735	10.8	
64 Isophorone	82	4.433	4.437	-0.004	95	1646407	10.6	
66 2-Nitrophenol	139	4.503	4.501	0.002	88	313357	10.7	
65 2,4-Dimethylphenol	107	4.508	4.506	0.002	96	640391	8.98	
71 Benzoic acid	122	4.599	4.592	0.007	78	827060	23.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 Bis(2-chloroethoxy)methane	93	4.577	4.576	0.001	96	877466	10.7	
73 2,4-Dichlorophenol	162	4.679	4.677	0.002	91	484387	10.9	
77 2,6-Dichlorophenol	162	4.679	4.729	-0.050	85	484387	0	
74 1,2,4-Trichlorobenzene	180	4.748	4.747	0.001	85	539968	10.1	
75 Naphthalene	128	4.812	4.811	0.001	98	1626707	10.7	
76 4-Chloroaniline	127	4.834	4.832	0.002	76	528586	8.08	
79 Hexachlorobutadiene	225	4.898	4.896	0.002	87	341959	10.8	
84 Caprolactam	113	5.096	5.094	0.002	81	229475	11.2	
86 4-Chloro-3-methylphenol	107	5.176	5.174	0.002	79	676556	10.9	
87 2-Methylnaphthalene	142	5.320	5.318	0.002	85	1076079	10.8	
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
89 Hexachlorocyclopentadiene	237	5.437	5.436	0.001	85	423297	11.0	
92 2,4,6-Trichlorophenol	196	5.517	5.516	0.001	92	413367	11.1	
93 2,4,5-Trichlorophenol	196	5.550	5.548	0.002	93	432506	10.9	
98 1,1'-Biphenyl	154	5.656	5.655	0.001	96	1421418	11.0	
100 2-Chloronaphthalene	162	5.683	5.681	0.002	98	1131574	10.9	
102 2-Nitroaniline	65	5.742	5.740	0.002	71	495635	11.2	
105 Dimethyl phthalate	163	5.854	5.852	0.002	96	1338117	11.0	
107 2,6-Dinitrotoluene	165	5.907	5.906	0.001	86	311347	11.1	
109 Acenaphthylene	152	5.988	5.986	0.002	86	1757292	10.7	
110 3-Nitroaniline	138	6.036	6.034	0.002	84	281131	9.73	
111 2,4-Dinitrophenol	184	6.110	6.109	0.001	70	483202	20.5	
112 Acenaphthene	153	6.116	6.114	0.002	93	1099890	10.8	
113 4-Nitrophenol	109	6.137	6.135	0.002	84	234239	11.1	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
114 2,4-Dinitrotoluene	165	6.201	6.200	0.001	82	432418	11.4	
116 Dibenzofuran	168	6.239	6.237	0.002	85	1592958	10.7	
121 Diethyl phthalate	149	6.361	6.360	0.001	96	1330835	11.1	
123 4-Chlorophenyl phenyl ether	204	6.468	6.467	0.001	86	723284	11.0	
125 4-Nitroaniline	138	6.484	6.483	0.001	68	315778	10.2	
126 Fluorene	166	6.484	6.488	-0.004	74	1322500	10.5	
128 4,6-Dinitro-2-methylphenol	198	6.500	6.499	0.001	85	305116	11.8	
131 N-Nitrosodiphenylamine	169	6.548	6.547	0.001	98	996825	10.6	
133 Azobenzene	77	6.580	6.579	0.001	96	1961611	11.3	
139 4-Bromophenyl phenyl ether	248	6.826	6.824	0.002	62	378864	11.0	
141 Hexachlorobenzene	284	6.895	6.894	0.001	83	363452	11.0	
142 Atrazine	200		6.910					9
143 Pentachlorophenol	266	7.029	7.027	0.002	83	582530	24.6	
148 Phenanthrene	178	7.189	7.188	0.001	87	1985381	10.9	
149 Anthracene	178	7.227	7.225	0.002	87	1999698	10.6	
151 Carbazole	167	7.328	7.327	0.001	82	1795130	10.9	
154 Di-n-butyl phthalate	149	7.536	7.529	0.007	100	2325914	11.3	
159 Fluoranthene	202	8.055	8.053	0.002	99	2356734	11.0	
160 Benzidine	184		8.117					9
161 Pyrene	202	8.225	8.224	0.001	95	2391261	10.4	
168 Butyl benzyl phthalate	149	8.637	8.630	0.007	93	1065561	10.8	
173 Bis(2-ethylhexyl) phthalate	149	9.048	9.036	0.012	95	1455931	10.5	
175 3,3'-Dichlorobenzidine	252	9.069	9.062	0.007	54	621072	7.80	
177 Benzo[a]anthracene	228	9.117	9.105	0.012	89	2250336	9.87	
178 Chrysene	228	9.149	9.137	0.012	91	2132319	10.5	
180 Di-n-octyl phthalate	149	9.566	9.554	0.012	98	2520832	10.2	
182 Benzo[b]fluoranthene	252	10.073	10.061	0.012	85	1973040	8.69	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	10.100	10.088	0.012	86	2285872	11.0	
184 Benzo[a]pyrene	252	10.437	10.424	0.013	75	1716430	8.71	
188 Indeno[1,2,3-cd]pyrene	276	11.980	11.957	0.023	90	2016577	9.90	
189 Dibenz(a,h)anthracene	278	11.980	11.963	0.017	84	1701875	10.0	
190 Benzo[g,h,i]perylene	276	12.429	12.406	0.023	90	1647532	9.62	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

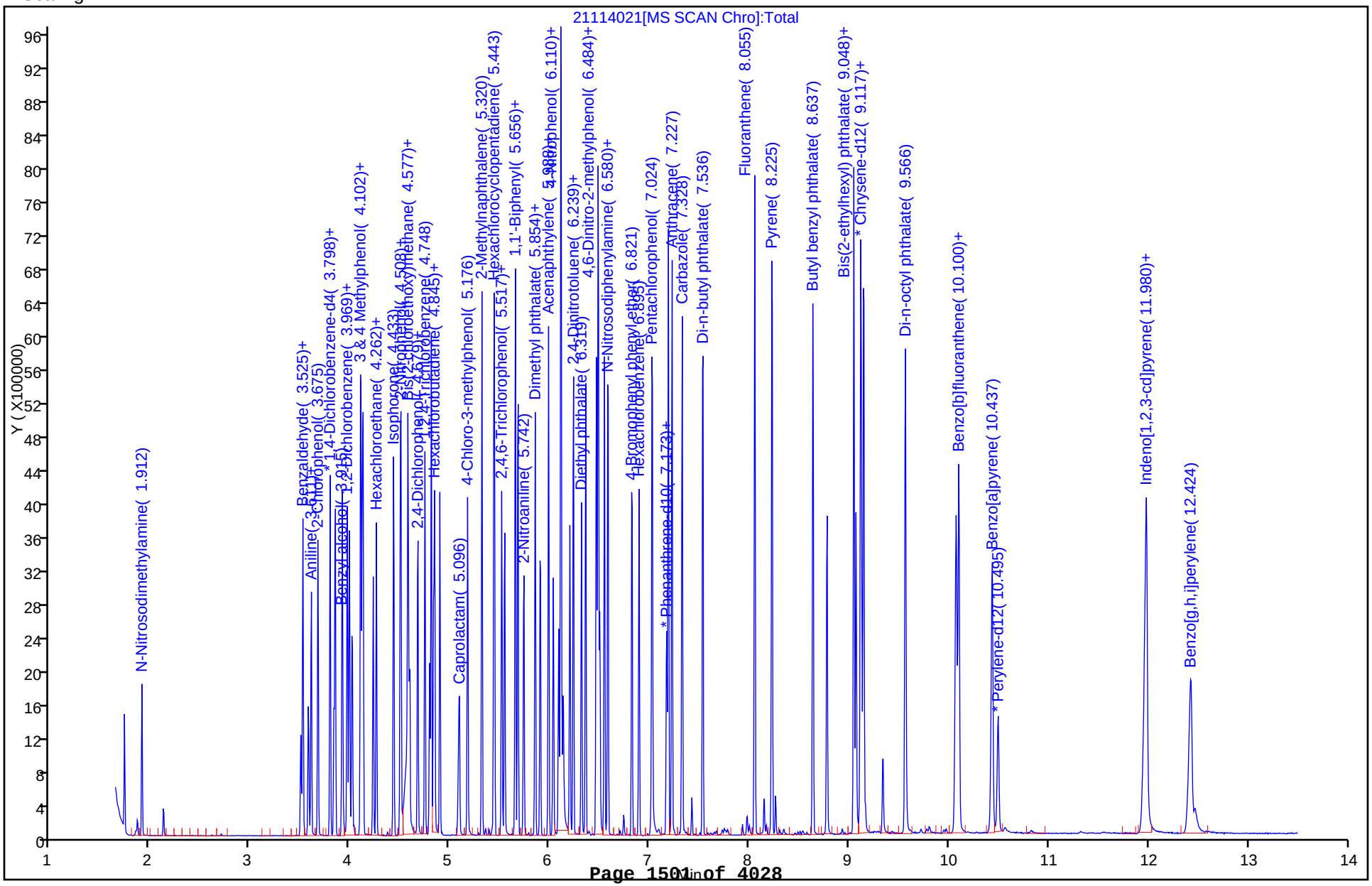
Report Date: 15-Nov-2012 07:40:30 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114021.D

Injection Date:	14-Nov-2012 14:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65294/2 Calibration Date: 11/16/2012 09:38

Instrument ID: A4HP9 Calib Start Date: 11/14/2012 11:39

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/14/2012 14:12

Lab File ID: 21116002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8555	0.7284	0.0500	8.51	10.0	-14.9	20.0
N-Nitrosodimethylamine	Ave	1.399	1.313	0.0500	9.39	10.0	-6.1	20.0
Pyridine	Ave	2.129	1.986	0.0500	9.33	10.0	-6.7	20.0
Benzaldehyde	Ave	1.691	1.322	0.0500	7.82	10.0	-21.8*	20.0
Phenol	Ave	2.318	2.373	0.0500	10.2	10.0	2.4	20.0
Aniline	Ave	2.922	2.983	0.0500	10.2	10.0	2.1	20.0
Bis(2-chloroethyl)ether	Ave	1.866	1.882	0.0500	10.1	10.0	0.9	20.0
2-Chlorophenol	Ave	1.357	1.364	0.0500	10.1	10.0	0.5	20.0
1,3-Dichlorobenzene	Ave	1.562	1.593	0.0500	10.2	10.0	2.0	20.0
1,4-Dichlorobenzene	Ave	1.532	1.570	0.0500	10.2	10.0	2.5	20.0
Benzyl alcohol	Ave	1.087	1.077	0.0500	9.91	10.0	-0.9	20.0
1,2-Dichlorobenzene	Ave	1.482	1.507	0.0500	10.2	10.0	1.7	20.0
2-Methylphenol	Ave	1.507	1.578	0.0500	10.5	10.0	4.7	20.0
bis (2-chloroisopropyl) ether	Ave	1.633	1.625	0.0500	9.95	10.0	-0.5	20.0
3 & 4 Methylphenol	Ave	1.605	1.642	0.0500	10.2	10.0	2.3	20.0
N-Nitrosodi-n-propylamine	Ave	1.626	1.620	0.0500	9.96	10.0	-0.4	20.0
Acetophenone	Ave	2.393	2.445	0.0500	10.2	10.0	2.2	20.0
Hexachloroethane	Ave	0.6342	0.6384	0.0500	10.1	10.0	0.7	20.0
Nitrobenzene	Ave	0.6002	0.5987	0.0500	9.97	10.0	-0.3	20.0
Isophorone	Ave	1.057	1.075	0.0500	10.2	10.0	1.8	20.0
2-Nitrophenol	Ave	0.1992	0.2035	0.0500	10.2	10.0	2.2	20.0
2,4-Dimethylphenol	Ave	0.4869	0.4963	0.0500	10.2	10.0	1.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.5579	0.5757	0.0500	10.3	10.0	3.2	20.0
Benzoic acid	Qua		0.2068	0.0500	17.7	20.0	-11.6	20.0
2,4-Dichlorophenol	Ave	0.3029	0.3148	0.0500	10.4	10.0	3.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3641	0.3647	0.0500	10.0	10.0	0.2	20.0
Naphthalene	Ave	1.038	1.059	0.0500	10.2	10.0	2.0	20.0
4-Chloroaniline	Ave	0.4469	0.4470	0.0500	10.0	10.0	0.0	20.0
Hexachlorobutadiene	Ave	0.2166	0.2157	0.0500	9.96	10.0	-0.4	20.0
Caprolactam	Ave	0.1400	0.1457	0.0500	10.4	10.0	4.0	20.0
4-Chloro-3-methylphenol	Ave	0.4229	0.4259	0.0500	10.1	10.0	0.7	20.0
2-Methylnaphthalene	Ave	0.6836	0.7129	0.0500	10.4	10.0	4.3	20.0
Hexachlorocyclopentadiene	Ave	0.3993	0.3555	0.0500	8.90	10.0	-11.0	20.0
2,4,6-Trichlorophenol	Ave	0.3874	0.3821	0.0500	9.86	10.0	-1.4	20.0
2,4,5-Trichlorophenol	Ave	0.4146	0.3955	0.0500	9.54	10.0	-4.6	20.0
1,1'-Biphenyl	Ave	1.348	1.365	0.0500	10.1	10.0	1.3	20.0
2-Chloronaphthalene	Ave	1.082	1.082	0.0500	10.0	10.0	0.0	20.0
2-Nitroaniline	Ave	0.4617	0.4574	0.0500	9.91	10.0	-0.9	20.0
Dimethyl phthalate	Ave	1.271	1.266	0.0500	9.96	10.0	-0.4	20.0
2,6-Dinitrotoluene	Ave	0.2922	0.3059	0.0500	10.5	10.0	4.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65294/2 Calibration Date: 11/16/2012 09:38

Instrument ID: A4HP9 Calib Start Date: 11/14/2012 11:39

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/14/2012 14:12

Lab File ID: 21116002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.715	1.743	0.0500	10.2	10.0	1.6	20.0
3-Nitroaniline	Ave	0.3011	0.3095	0.0500	10.3	10.0	2.8	20.0
Acenaphthene	Ave	1.059	1.090	0.0500	10.3	10.0	2.9	20.0
2,4-Dinitrophenol	Qua		0.2129	0.0500	17.6	20.0	-12.2	20.0
4-Nitrophenol	Ave	0.2190	0.2025	0.0500	9.24	10.0	-7.6	20.0
2,4-Dinitrotoluene	Ave	0.3953	0.4076	0.0500	10.3	10.0	3.1	20.0
Dibenzofuran	Ave	1.550	1.538	0.0500	9.92	10.0	-0.8	20.0
Diethyl phthalate	Ave	1.253	1.234	0.0500	9.85	10.0	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6853	0.7014	0.0500	10.2	10.0	2.4	20.0
Fluorene	Ave	1.311	1.315	0.0500	10.0	10.0	0.3	20.0
4-Nitroaniline	Ave	0.3232	0.3299	0.0500	10.2	10.0	2.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1513	0.1546	0.0500	10.2	10.0	2.2	20.0
N-Nitrosodiphenylamine	Ave	0.5533	0.5427	0.0500	9.81	10.0	-1.9	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.019	0.995	0.0500	9.76	10.0	-2.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2025	0.2045	0.0500	10.1	10.0	1.0	20.0
Hexachlorobenzene	Ave	0.1936	0.1964	0.0500	10.1	10.0	1.5	20.0
Atrazine	Ave	0.1913	0.1794	0.0500	9.38	10.0	-6.2	20.0
Pentachlorophenol	Ave	0.1392	0.1250	0.0500	18.0	20.0	-10.2	20.0
Phenanthrene	Ave	1.069	1.085	0.0500	10.1	10.0	1.5	20.0
Anthracene	Ave	1.104	1.120	0.0500	10.1	10.0	1.5	20.0
Carbazole	Ave	0.9707	1.003	0.0500	10.3	10.0	3.3	20.0
Di-n-butyl phthalate	Ave	1.210	1.239	0.0500	10.2	10.0	2.4	20.0
Fluoranthene	Ave	1.253	1.286	0.0500	10.3	10.0	2.7	20.0
Benzidine	Ave	0.6825	0.7328	0.0500	10.7	10.0	7.4	20.0
Pyrene	Ave	1.271	1.287	0.0500	10.1	10.0	1.2	20.0
Butyl benzyl phthalate	Ave	0.5459	0.5484	0.0500	10.0	10.0	0.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7669	0.7544	0.0500	9.84	10.0	-1.6	20.0
3,3'-Dichlorobenzidine	Ave	0.4385	0.4553	0.0500	10.4	10.0	3.8	20.0
Benzo[a]anthracene	Ave	1.256	1.214	0.0500	9.67	10.0	-3.3	20.0
Chrysene	Ave	1.119	1.097	0.0500	9.80	10.0	-2.0	20.0
Di-n-octyl phthalate	Ave	1.618	1.642	0.0500	10.2	10.0	1.5	20.0
Benzo[b]fluoranthene	Ave	1.481	1.388	0.0500	9.37	10.0	-6.3	20.0
Benzo[k]fluoranthene	Ave	1.360	1.468	0.0500	10.8	10.0	8.0	20.0
Benzo[a]pyrene	Ave	1.286	1.290	0.0500	10.0	10.0	0.3	20.0
Dibenz(a,h)anthracene	Ave	1.111	1.160	0.0500	10.4	10.0	4.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.330	1.353	0.0500	10.2	10.0	1.8	20.0
Benzo[g,h,i]perylene	Ave	1.118	1.121	0.0500	10.0	10.0	0.3	20.0
2-Fluorophenol (Surr)	Ave	1.497	1.500	0.0500	10.0	10.0	0.2	20.0
Phenol-d5 (Surr)	Ave	2.140	2.151	0.0500	10.1	10.0	0.5	20.0
Nitrobenzene-d5 (Surr)	Ave	0.6065	0.5652	0.0500	9.32	10.0	-6.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65294/2 Calibration Date: 11/16/2012 09:38

Instrument ID: A4HP9 Calib Start Date: 11/14/2012 11:39

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/14/2012 14:12

Lab File ID: 21116002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorobiphenyl (Surr)	Ave	1.331	1.353	0.0500	10.2	10.0	1.7	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1385	0.1384	0.0500	9.99	10.0	-0.1	20.0
Terphenyl-d14 (Surr)	Ave	0.7690	0.7822	0.0500	10.2	10.0	1.7	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	16-Nov-2012 09:38:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015012-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	65294	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m		
Last Update:	17-Nov-2012 12:48:08	Calib Date:	15-Nov-2012 10:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	16-Nov-2012 10:14:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.677	3.677	0.0	86	147783	4.00	
* 2 Naphthalene-d8	136	4.639	4.639	0.0	99	571090	4.00	
* 3 Acenaphthene-d10	164	5.931	5.931	0.0	75	377818	4.00	
* 4 Phenanthrene-d10	188	7.010	7.010	0.0	97	674669	4.00	
* 5 Chrysene-d12	240	8.949	8.949	0.0	76	681998	4.00	
* 6 Perylene-d12	264	10.215	10.215	0.0	94	554478	4.00	
$ 7 2-Fluorophenol	112	2.673	2.673	0.0	94	554159	10.0	
$ 8 Phenol-d5	99	3.373	3.373	0.0	0	794790	10.1	
$ 9 Nitrobenzene-d5	82	4.094	4.094	0.0	82	806913	9.32	
$ 10 2-Fluorobiphenyl (Surr)	172	5.424	5.424	0.0	98	1277998	10.2	
$ 11 2,4,6-Tribromophenol	330	6.503	6.503	0.0	82	130705	9.99	
$ 12 Terphenyl-d14	244	8.142	8.142	0.0	97	1333562	10.2	
25 1,4-Dioxane	88	1.578	1.578	0.0	79	269103	8.51	
26 N-Nitrosodimethylamine	74	1.765	1.765	0.0	82	485216	9.39	
27 Pyridine	79	1.792	1.792	0.0	91	733715	9.33	
28 Ethyl methacrylate	69	2.032	2.032	0.0	79	650137	9.35	
29 3-Chloropropionitrile	54	2.224	2.224	0.0	80	333095	9.98	
33 Malononitrile	66	2.411	2.411	0.0	78	868399	10.2	
41 Benzaldehyde	77	3.346	3.346	0.0	85	488355	7.82	
43 Phenol	94	3.383	3.383	0.0	95	876827	10.2	
44 Aniline	93	3.426	3.426	0.0	83	1101929	10.2	
69 Bis(2-chloroethyl)ether	93	3.458	3.458	0.0	96	695212	10.1	
46 2-Chlorophenol	128	3.522	3.522	0.0	92	503770	10.1	
47 1,3-Dichlorobenzene	146	3.640	3.640	0.0	84	588584	10.2	
48 1,4-Dichlorobenzene	146	3.693	3.693	0.0	83	579904	10.2	
49 Benzyl alcohol	108	3.768	3.768	0.0	85	397921	9.91	
50 1,2-Dichlorobenzene	146	3.811	3.811	0.0	90	556906	10.2	
51 2-Methylphenol	108	3.848	3.848	0.0	95	583030	10.5	
53 2,2'-oxybis[1-chloropropane]	45	3.864	3.864	0.0	99	600259	9.95	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	3.960	3.960	0.0	94	606593	10.2	
57 N-Nitrosodi-n-propylamine	70	3.971	3.971	0.0	73	598522	9.96	
58 Acetophenone	105	3.976	3.976	0.0	88	903176	10.2	
61 Hexachloroethane	117	4.067	4.067	0.0	91	235848	10.1	
62 Nitrobenzene	77	4.110	4.110	0.0	79	854709	9.97	
64 Isophorone	82	4.286	4.286	0.0	94	1534991	10.2	
66 2-Nitrophenol	139	4.350	4.350	0.0	95	290493	10.2	
65 2,4-Dimethylphenol	107	4.361	4.361	0.0	98	708546	10.2	
67 1,3,5-Trichlorobenzene	180	4.361	4.361	0.0	87	530996	10.2	
70 Bis(2-chloroethoxy)methane	93	4.430	4.430	0.0	94	821899	10.3	
71 Benzoic acid	122	4.468	4.468	0.0	77	590558	17.7	
73 2,4-Dichlorophenol	162	4.526	4.526	0.0	94	449432	10.4	
74 1,2,4-Trichlorobenzene	180	4.596	4.596	0.0	87	520719	10.0	
75 Naphthalene	128	4.655	4.655	0.0	98	1511440	10.2	
76 4-Chloroaniline	127	4.681	4.681	0.0	79	638193	10.0	
79 Hexachlorobutadiene	225	4.740	4.740	0.0	88	307884	9.96	
80 1,2,3-Trichlorobenzene	180	4.761	4.761	0.0	87	481007	0	
84 Caprolactam	113	4.948	4.948	0.0	78	207949	10.4	
86 4-Chloro-3-methylphenol	107	5.034	5.034	0.0	79	608061	10.1	
87 2-Methylnaphthalene	142	5.162	5.162	0.0	86	1017869	10.4	
88 1-Methylnaphthalene	142	5.237	5.237	0.0	79	957392	10.3	
89 Hexachlorocyclopentadiene	237	5.280	5.280	0.0	69	335815	8.90	
90 1,2,3,5-Tetrachlorobenzene	216	5.280	5.280	0.0	90	564470	9.97	
92 2,4,6-Trichlorophenol	196	5.365	5.365	0.0	89	360885	9.86	
93 2,4,5-Trichlorophenol	196	5.397	5.397	0.0	93	373534	9.54	
97 2,4-Toluene diamine	121	5.482	5.482	0.0	96	216007	5.11	
98 1,1'-Biphenyl	154	5.499	5.499	0.0	96	1289176	10.1	
99 1,2,3,4 -Tetrachlorobenzene	216	5.499	5.499	0.0	63	532955	0	
100 2-Chloronaphthalene	162	5.525	5.525	0.0	95	1022090	10.0	
102 2-Nitroaniline	65	5.589	5.589	0.0	74	431995	9.91	
105 Dimethyl phthalate	163	5.701	5.701	0.0	95	1195895	9.96	
107 2,6-Dinitrotoluene	165	5.755	5.755	0.0	85	288909	10.5	
108 1,2-Dinitrobenzene	168	5.803	5.803	0.0	85	145670	10.5	
109 Acenaphthylene	152	5.830	5.830	0.0	90	1646666	10.2	
110 3-Nitroaniline	138	5.883	5.883	0.0	84	292290	10.3	
112 Acenaphthene	153	5.953	5.953	0.0	94	1029163	10.3	
111 2,4-Dinitrophenol	184	5.963	5.963	0.0	82	402175	17.6	
113 4-Nitrophenol	109	5.995	5.995	0.0	86	191221	9.24	
114 2,4-Dinitrotoluene	165	6.054	6.054	0.0	82	385001	10.3	
116 Dibenzofuran	168	6.081	6.081	0.0	83	1452808	9.92	
118 2,3,5,6-Tetrachlorophenol	232	6.134	6.134	0.0	88	306322	9.67	
121 Diethyl phthalate	149	6.209	6.209	0.0	96	1165517	9.85	
123 4-Chlorophenyl phenyl ether	204	6.310	6.310	0.0	88	662503	10.2	
126 Fluorene	166	6.326	6.326	0.0	80	1242287	10.0	
125 4-Nitroaniline	138	6.332	6.332	0.0	80	311611	10.2	
128 4,6-Dinitro-2-methylphenol	198	6.353	6.353	0.0	84	260740	10.2	
131 N-Nitrosodiphenylamine	169	6.396	6.396	0.0	96	915329	9.81	
133 Azobenzene	77	6.428	6.428	0.0	96	1684540	9.80	
132 1,2-Diphenylhydrazine	77	6.428	6.428	0.0	97	1678257	9.76	
139 4-Bromophenyl phenyl ether	248	6.663	6.663	0.0	68	344973	10.1	
141 Hexachlorobenzene	284	6.738	6.738	0.0	84	331311	10.1	
142 Atrazine	200	6.764	6.764	0.0	88	302523	9.38	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	6.871	6.871	0.0	85	421551	18.0	
148 Phenanthrene	178	7.026	7.026	0.0	98	1829658	10.1	
149 Anthracene	178	7.063	7.063	0.0	87	1889401	10.1	
151 Carbazole	167	7.170	7.170	0.0	82	1691706	10.3	
154 Di-n-butyl phthalate	149	7.379	7.379	0.0	100	2090428	10.2	
159 Fluoranthene	202	7.891	7.891	0.0	98	2169194	10.3	
160 Benzidine	184	7.961	7.961	0.0	99	1249492	10.7	
161 Pyrene	202	8.062	8.062	0.0	95	2194082	10.1	
168 Butyl benzyl phthalate	149	8.473	8.473	0.0	93	934974	10.0	
172 3,3'-Dimethoxybenzidine	244	8.863	8.863	0.0	84	614046	11.4	
173 Bis(2-ethylhexyl) phthalate	149	8.879	8.879	0.0	95	1286186	9.84	
174 4,4'-Methylene bis(2-chloroanili	231	8.895	8.895	0.0	82	423311	10.4	
175 3,3'-Dichlorobenzidine	252	8.901	8.901	0.0	60	776206	10.4	
177 Benzo[a]anthracene	228	8.944	8.944	0.0	89	2070441	9.67	
178 Chrysene	228	8.970	8.970	0.0	93	1870288	9.80	
180 Di-n-octyl phthalate	149	9.365	9.365	0.0	98	2276632	10.2	
182 Benzo[b]fluoranthene	252	9.830	9.830	0.0	86	1924189	9.37	
183 Benzo[k]fluoranthene	252	9.857	9.857	0.0	86	2035402	10.8	
184 Benzo[a]pyrene	252	10.161	10.161	0.0	74	1787543	10.0	
188 Indeno[1,2,3-cd]pyrene	276	11.577	11.577	0.0	86	1875610	10.2	
189 Dibenz(a,h)anthracene	278	11.577	11.577	0.0	59	1607696	10.4	
190 Benzo[g,h,i]perylene	276	11.983	11.983	0.0	93	1554336	10.0	
S 191 Methyl Phenols,Total	100				0		20.7	

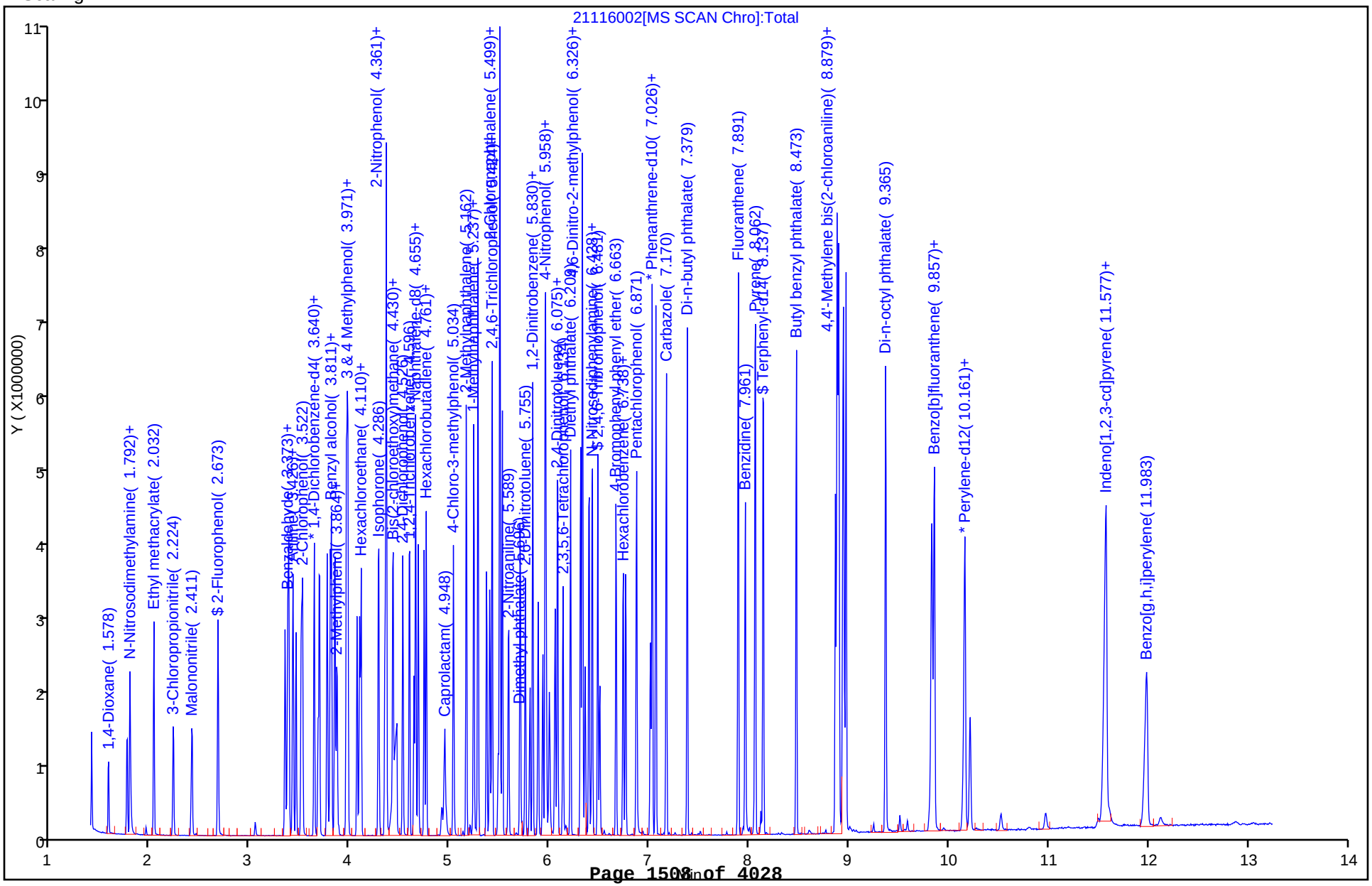
Report Date: 17-Nov-2012 12:48:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116002.D

Injection Date:	16-Nov-2012 09:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	07-Nov-2012 11:21:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0014744-001		
Misc. Info.:	dftpp =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	64102	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:02	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:45:23

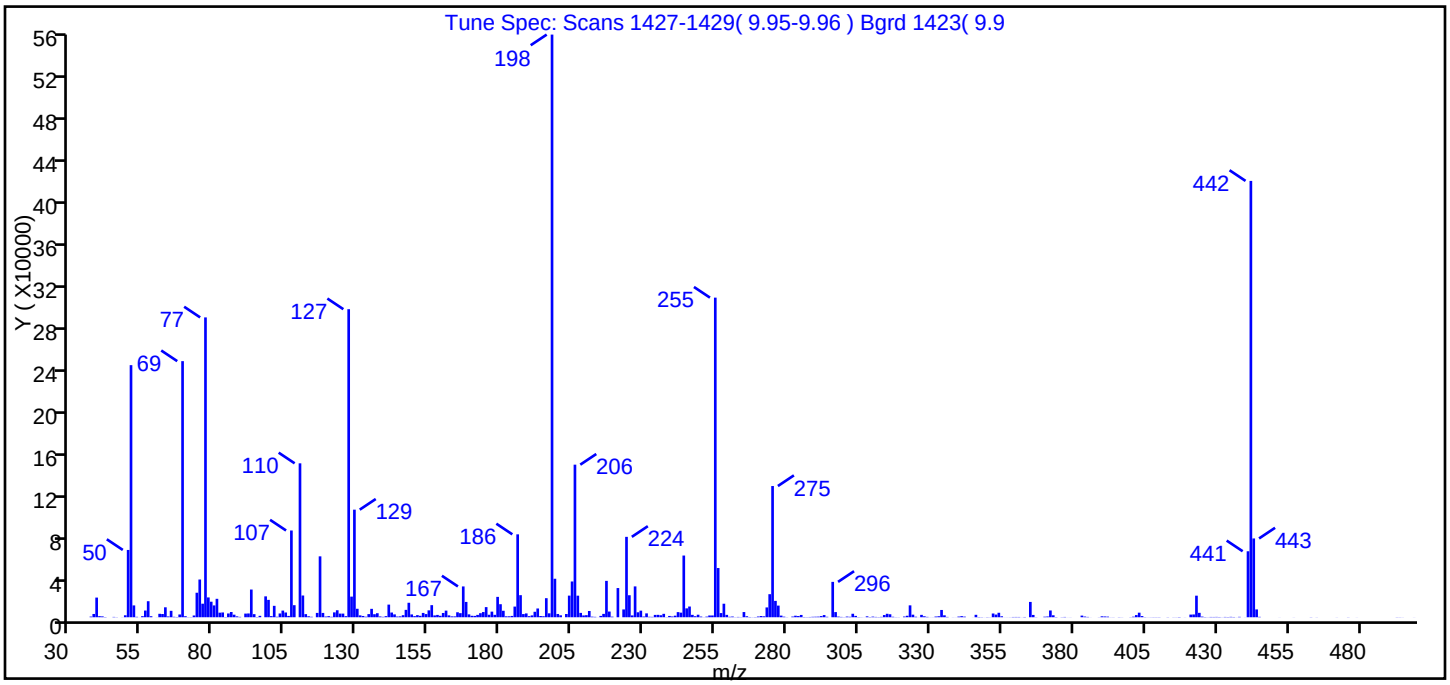
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	694720	0	
148 DFTPP								
158 Benzidine	184	10.894	10.894	0.0	99	3841446	0	
164 4,4'-DDE	246	11.060	11.060	0.0	28	2345	0	
163 4,4'-DDD	235	11.434	11.434	0.0	56	18208	0	
168 4,4'-DDT	235	11.718	11.718	0.0	98	1755901	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	43.27
68	Less than 2.00% of mass 69	0.48 (1.09)
69	Present	43.95
70	Less than 2.00% of mass 69	0.18 (0.41)
127	25.00 - 75.00% of mass 198	52.87
197	Less than 1.00% of mass 198	0.67
199	5.00 - 9.00% of mass 198	6.61
275	10.00 - 30.00% of mass 198	22.52
365	Greater than 0.75% of mass 198	2.63
441	Present, but less than mass 443%	11.33 (83.75)
442	40.00 - 110.00% of mass 198	74.89
443	15.00 - 24.00% of mass 442	13.52 (18.06)

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	646	141.00	12119	241.00	1517	342.00	603
38.00	3153	142.00	4521	242.00	4915	345.00	53
39.00	18848	143.00	2742	243.00	4403	346.00	2341
40.00	1060	144.00	677	244.00	59144	347.00	250
41.00	839	145.00	848	245.00	8520	348.00	173
42.00	234	146.00	1980	246.00	10290	349.00	54
45.00	327	147.00	7085	247.00	2308	350.00	179
46.00	141	148.00	13885	248.00	986	351.00	110
48.00	79	149.00	2706	249.00	2431	352.00	3599
49.00	1890	150.00	1077	250.00	652	353.00	2571
50.00	64504	151.00	2037	251.00	113	354.00	4303
51.00	241600	152.00	1396	252.00	603	355.00	929
52.00	11345	153.00	4144	253.00	1699	356.00	57
53.00	416	154.00	3040	254.00	1711	357.00	68
54.00	37	155.00	6612	255.00	306304	358.00	93
55.00	1054	156.00	11593	256.00	47176	359.00	277
56.00	6421	157.00	1760	257.00	4007	360.00	297
57.00	15375	158.00	2242	258.00	12972	361.00	286
58.00	980	159.00	1417	259.00	2290	362.00	50
60.00	52	160.00	4090	260.00	461	363.00	261
61.00	3310	161.00	6351	261.00	690	365.00	14691
62.00	3104	162.00	1807	262.00	132	366.00	2225
63.00	9536	163.00	835	263.00	322	367.00	132
64.00	774	164.00	807	264.00	167	370.00	532
65.00	6172	165.00	4775	265.00	4992	371.00	711
66.00	431	166.00	3926	266.00	962	372.00	6493
67.00	253	167.00	29536	267.00	257	373.00	1889
68.00	2664	168.00	14685	268.00	125	374.00	221
69.00	245440	169.00	2768	269.00	217	376.00	149
70.00	1000	170.00	1399	270.00	695	377.00	296
71.00	154	171.00	1305	271.00	1184	378.00	50
72.00	179	172.00	2266	272.00	900	379.00	72
73.00	1688	173.00	3899	273.00	9418	383.00	1586

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	23496	174.00	4990	274.00	22104	384.00	672
75.00	36176	175.00	9724	275.00	125760	385.00	337
76.00	12994	176.00	2392	276.00	15697	386.00	53
77.00	287360	177.00	5387	277.00	11169	389.00	107
78.00	19000	178.00	2319	278.00	1572	390.00	899
79.00	14891	179.00	19536	279.00	553	391.00	743
80.00	11346	180.00	12506	280.00	114	392.00	608
81.00	17672	181.00	6214	282.00	670	393.00	82
82.00	4385	182.00	887	283.00	1481	394.00	102
83.00	4592	183.00	922	284.00	1157	396.00	150
84.00	250	184.00	1273	285.00	2210	397.00	83
85.00	3624	185.00	10227	286.00	260	400.00	147
86.00	5017	186.00	79456	287.00	187	401.00	562
87.00	2452	187.00	21160	288.00	285	402.00	2068
88.00	853	188.00	3053	289.00	436	403.00	4380
89.00	371	189.00	3665	290.00	518	404.00	1130
91.00	3509	190.00	1062	291.00	594	405.00	183
92.00	3635	191.00	1778	292.00	1127	406.00	77
93.00	26568	192.00	5246	293.00	2093	407.00	109
94.00	2971	193.00	8409	294.00	451	408.00	157
95.00	242	194.00	1180	296.00	33912	409.00	149
96.00	1359	195.00	966	297.00	4947	410.00	159
98.00	20032	196.00	18272	298.00	652	413.00	142
99.00	16656	197.00	3766	299.00	336	415.00	107
100.00	1091	198.00	558400	300.00	146	416.00	106
101.00	10950	199.00	36904	301.00	646	417.00	247
102.00	475	200.00	3145	302.00	437	419.00	59
103.00	3624	201.00	1860	303.00	3356	421.00	2549
104.00	6386	203.00	3123	304.00	1301	422.00	2685
105.00	4572	204.00	20736	305.00	226	423.00	20680
106.00	1285	205.00	34288	306.00	121	424.00	4235
107.00	83144	206.00	146240	307.00	53	425.00	638
108.00	11554	207.00	20680	308.00	885	426.00	213
110.00	147520	208.00	4188	309.00	250	427.00	114

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

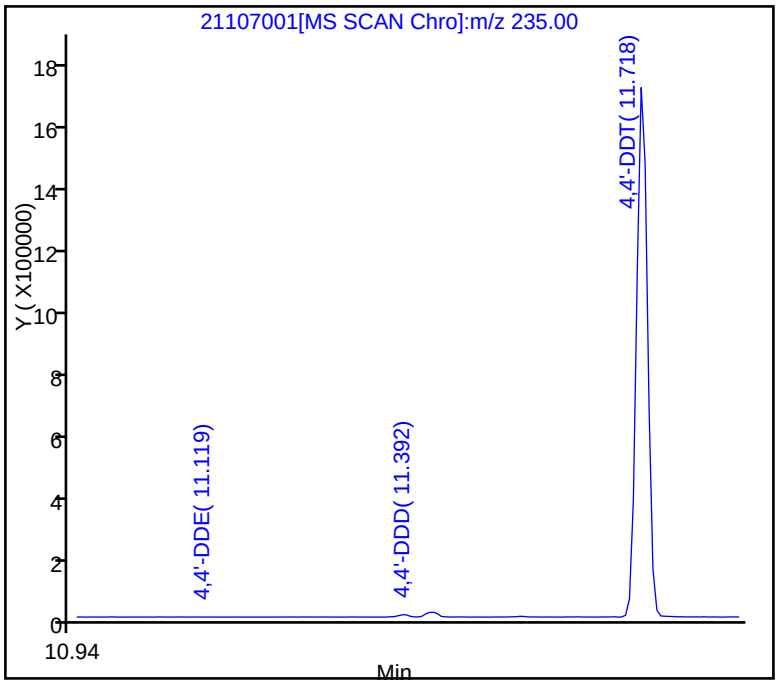
m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	20840	209.00	1745	310.00	613	428.00	297
112.00	2996	210.00	2005	311.00	334	429.00	284
113.00	961	211.00	6005	312.00	223	430.00	332
114.00	461	212.00	579	313.00	384	431.00	256
115.00	3	213.00	392	314.00	2112	432.00	87
116.00	4165	214.00	54	315.00	3333	433.00	305
117.00	58376	215.00	1296	316.00	2863	434.00	247
118.00	4142	216.00	3236	317.00	474	435.00	381
119.00	676	217.00	34864	318.00	132	436.00	258
120.00	1056	218.00	5478	319.00	114	437.00	58
121.00	433	219.00	575	321.00	682	438.00	398
122.00	4676	221.00	27992	322.00	1435	440.00	57
123.00	6717	223.00	7491	323.00	11410	441.00	63248
124.00	3499	224.00	77056	324.00	2478	442.00	418176
125.00	3503	225.00	21104	325.00	504	443.00	75520
126.00	1021	226.00	1757	326.00	56	444.00	7513
127.00	295232	227.00	29568	327.00	2294	445.00	389
128.00	19784	228.00	4760	328.00	930	452.00	50
129.00	103112	229.00	6326	329.00	365	457.00	62
130.00	8123	230.00	675	330.00	66	463.00	136
131.00	1811	231.00	3717	331.00	82	465.00	84
132.00	1231	232.00	472	332.00	681	472.00	66
133.00	523	233.00	379	333.00	967	476.00	114
134.00	3022	234.00	2254	334.00	6990	479.00	50
135.00	8068	235.00	2314	335.00	1857	493.00	132
136.00	2922	236.00	1919	336.00	335	494.00	110
137.00	3861	237.00	3287	338.00	76	495.00	64
138.00	769	238.00	162	339.00	55	499.00	52
139.00	403	239.00	1249	340.00	639		
140.00	1061	240.00	742	341.00	1066		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1755901
163 4,4'-DDD, Area = 18208
164 4,4'-DDE, Area = 2345

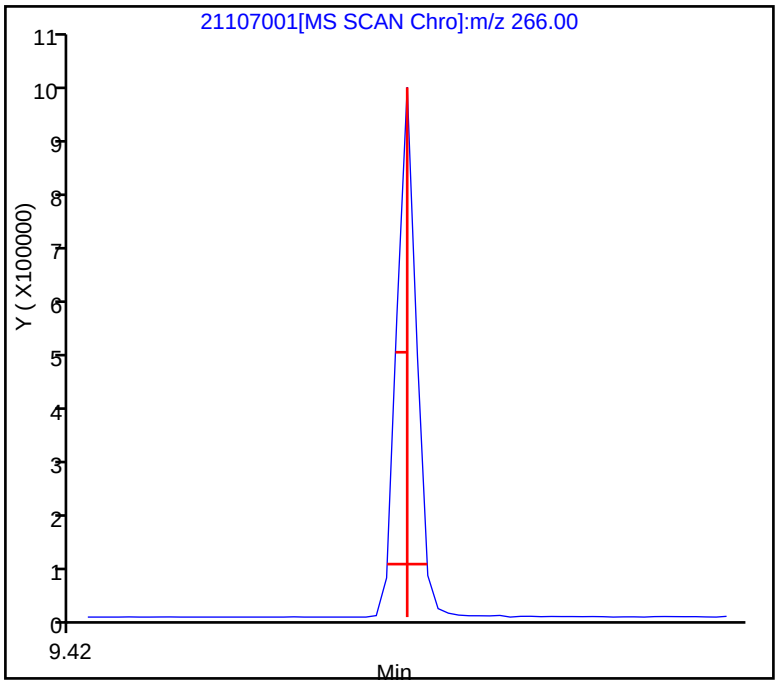
%Breakdown: 1.16%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

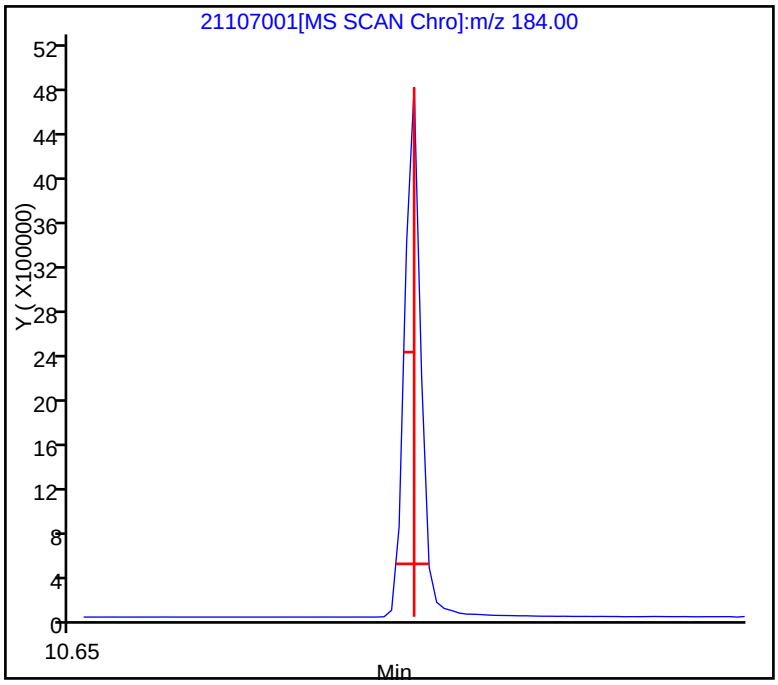
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D

Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	21-Nov-2012 11:18:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015157-001		
Misc. Info.:	dftpp =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	65876	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:29	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		

First Level Reviewer: gruberj Date: 21-Nov-2012 12:35:54

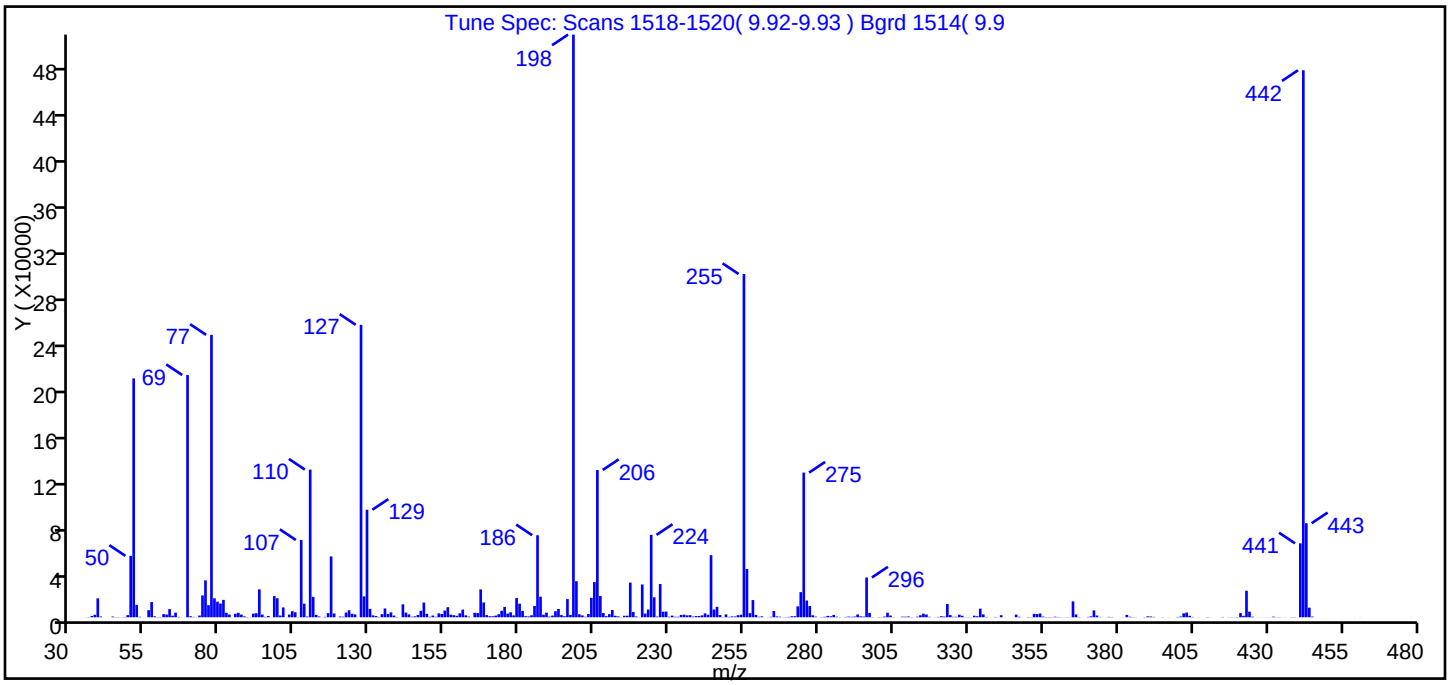
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	86	591173	0	
148 DFTPP								
158 Benzidine	184	10.859	10.859	0.0	100	3483239	0	
164 4,4'-DDE	246	11.019	11.019	0.0	30	2359	0	
163 4,4'-DDD	235	11.388	11.388	0.0	83	18153	0	
168 4,4'-DDT	235	11.672	11.672	0.0	98	1645645	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	40.99
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	41.57
70	Less than 2.00% of mass 69	0.18 (0.44)
127	25.00 - 75.00% of mass 198	50.19
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.18
275	10.00 - 30.00% of mass 198	24.83
365	Greater than 0.75% of mass 198	2.73
441	Present, but less than mass 443%	12.69 (78.62)
442	40.00 - 110.00% of mass 198	93.88
443	15.00 - 24.00% of mass 442	16.14 (17.19)

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	68	137.00	4269	230.00	457	330.00	170
36.00	179	138.00	1429	231.00	1420	331.00	117
37.00	1052	139.00	275	232.00	434	332.00	1346
38.00	2117	140.00	4	233.00	452	333.00	899
39.00	16464	141.00	11296	234.00	2053	334.00	7487
40.00	688	142.00	4066	235.00	2254	335.00	2503
44.00	604	143.00	2463	236.00	1640	336.00	284
45.00	188	144.00	473	237.00	1855	339.00	276
46.00	154	145.00	811	238.00	587	340.00	85
47.00	128	146.00	1944	239.00	1028	341.00	1754
48.00	223	147.00	5651	240.00	1083	346.00	2333
49.00	1846	148.00	12816	241.00	1656	347.00	483
50.00	53520	149.00	2992	242.00	3398	348.00	59
51.00	208192	150.00	431	243.00	2175	350.00	257
52.00	10832	151.00	1531	244.00	54152	351.00	171
53.00	407	152.00	390	245.00	6753	352.00	2964
56.00	6148	153.00	3423	246.00	9093	353.00	2793
57.00	13232	154.00	2893	247.00	1974	354.00	3284
58.00	843	155.00	5839	248.00	174	355.00	593
59.00	215	156.00	8752	249.00	2497	356.00	197
60.00	248	157.00	2231	250.00	358	357.00	231
61.00	2727	158.00	1817	251.00	709	358.00	150
62.00	2350	159.00	1251	252.00	689	359.00	484
63.00	7116	160.00	3453	253.00	1784	360.00	248
64.00	1348	161.00	6706	254.00	2198	361.00	168
65.00	4007	162.00	1650	255.00	299200	362.00	75
66.00	351	163.00	552	256.00	42088	363.00	175
67.00	60	164.00	38	257.00	3547	364.00	106
69.00	211136	165.00	3895	258.00	14992	365.00	13864
70.00	920	166.00	3696	259.00	2026	366.00	2442
71.00	273	167.00	24256	260.00	438	367.00	282
72.00	22	168.00	12893	261.00	780	368.00	53
73.00	1505	169.00	1859	263.00	123	370.00	302

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	19040	170.00	887	264.00	399	371.00	767
75.00	32160	171.00	863	265.00	5454	372.00	5966
76.00	10506	172.00	1438	266.00	734	373.00	1501
77.00	246144	173.00	2642	267.00	472	374.00	146
78.00	16464	174.00	5676	268.00	109	376.00	80
79.00	13583	175.00	9048	269.00	186	377.00	338
80.00	11907	176.00	3230	270.00	330	378.00	230
81.00	15139	177.00	4321	271.00	864	381.00	55
82.00	3930	178.00	1646	272.00	904	382.00	74
83.00	2327	179.00	16776	273.00	9499	383.00	2056
85.00	3100	180.00	11808	274.00	21904	384.00	454
86.00	3903	181.00	5519	275.00	126096	385.00	187
87.00	2327	182.00	918	276.00	14578	386.00	114
88.00	769	183.00	730	277.00	9817	389.00	151
89.00	244	184.00	1751	278.00	1745	390.00	815
90.00	112	185.00	9858	279.00	543	391.00	653
91.00	3216	186.00	71488	281.00	241	392.00	319
92.00	3519	187.00	17912	282.00	428	395.00	156
93.00	24296	188.00	2237	283.00	1201	397.00	88
94.00	2321	189.00	4013	284.00	855	400.00	269
95.00	355	190.00	586	285.00	2009	401.00	673
96.00	1138	191.00	1463	286.00	503	402.00	3400
97.00	72	192.00	5235	287.00	167	403.00	4102
98.00	18432	193.00	7192	289.00	321	404.00	1264
99.00	16552	194.00	1871	290.00	575	405.00	275
100.00	1502	195.00	897	291.00	409	407.00	74
101.00	8558	196.00	15848	292.00	618	410.00	232
102.00	74	197.00	2058	293.00	2441	411.00	60
103.00	2354	198.00	507904	294.00	808	415.00	262
104.00	5338	199.00	31392	295.00	573	417.00	139
105.00	4372	200.00	2611	296.00	34664	418.00	149
106.00	144	201.00	1589	297.00	3821	419.00	115
107.00	67328	202.00	450	298.00	170	420.00	198
108.00	11803	203.00	2859	300.00	188	421.00	3637

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

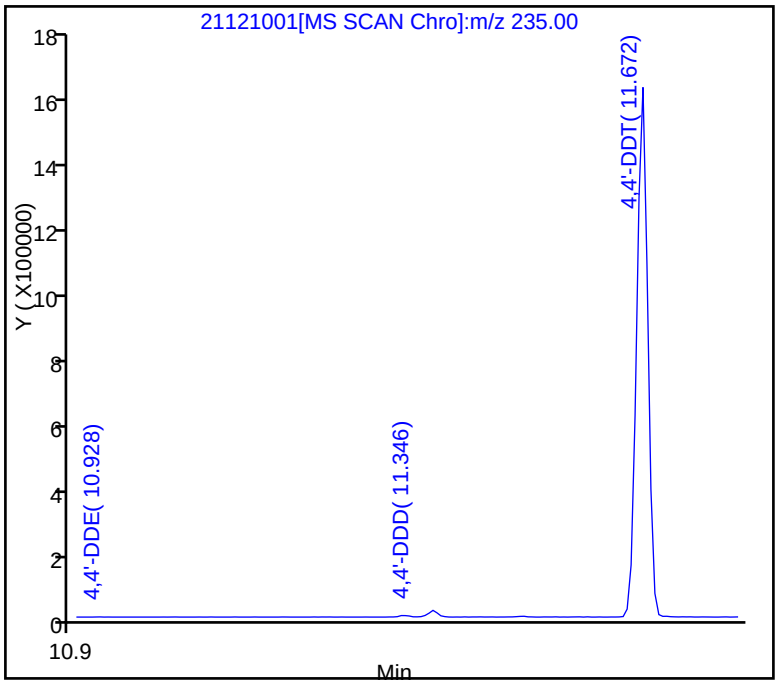
m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	607	204.00	16920	301.00	153	422.00	1243
110.00	128744	205.00	30664	302.00	629	423.00	23096
111.00	17768	206.00	128336	303.00	3948	424.00	4875
112.00	2087	207.00	18560	304.00	1473	425.00	536
113.00	675	208.00	3691	305.00	128	427.00	63
114.00	93	209.00	965	308.00	517	428.00	56
115.00	416	210.00	2718	309.00	500	429.00	60
116.00	3587	211.00	6313	310.00	695	430.00	83
117.00	53032	212.00	1237	311.00	164	431.00	70
118.00	3322	213.00	785	312.00	62	432.00	520
120.00	652	214.00	149	313.00	547	433.00	86
121.00	499	215.00	1305	314.00	1751	434.00	166
122.00	4109	216.00	1354	315.00	3111	435.00	70
123.00	6122	217.00	30160	316.00	2390	436.00	76
124.00	3021	218.00	4620	317.00	383	438.00	198
125.00	2506	219.00	678	319.00	99	439.00	182
127.00	254912	220.00	94	320.00	301	441.00	64440
128.00	18208	221.00	28576	321.00	883	442.00	476800
129.00	93704	222.00	3201	322.00	598	443.00	81968
130.00	7324	223.00	6738	323.00	11589	444.00	8347
131.00	1642	224.00	71816	324.00	1846	445.00	596
132.00	1124	225.00	17400	325.00	384	459.00	57
133.00	300	226.00	622	326.00	424	461.00	56
134.00	2709	227.00	28960	327.00	2235	478.00	58
135.00	7665	228.00	4835	328.00	1328		
136.00	2885	229.00	4983	329.00	98		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1645645
163 4,4'-DDD, Area = 18153
164 4,4'-DDE, Area = 2359

%Breakdown: 1.23%, Max Limit: 20.00%
Passed

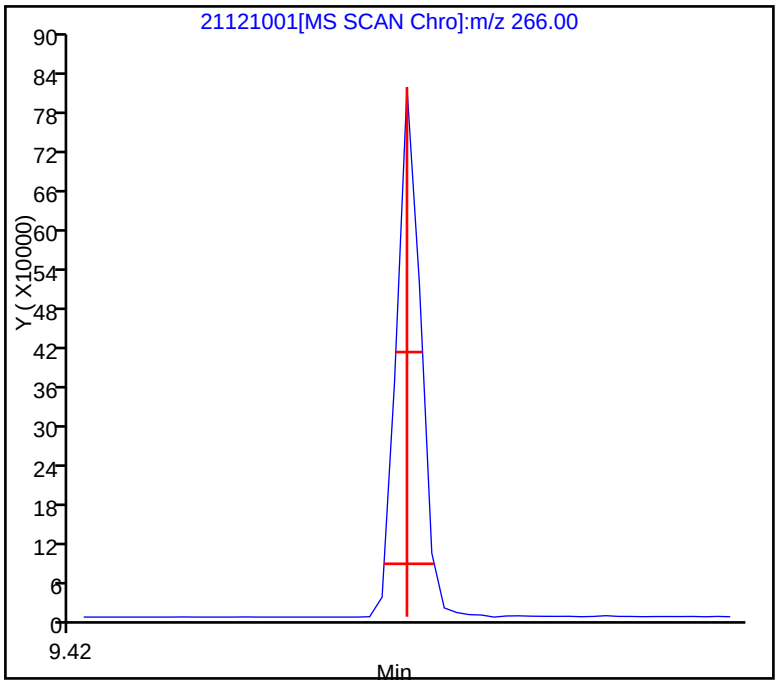
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D

Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.2, Max. Tailing < 5.00
Passed

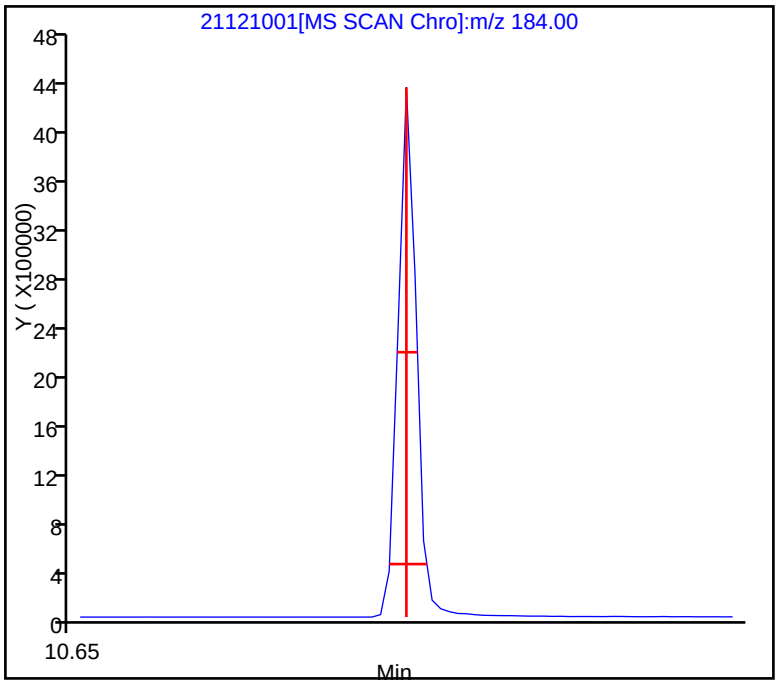
Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	23-Nov-2012 09:05:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015199-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	66051	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:51	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	23-Nov-2012 09:22:32

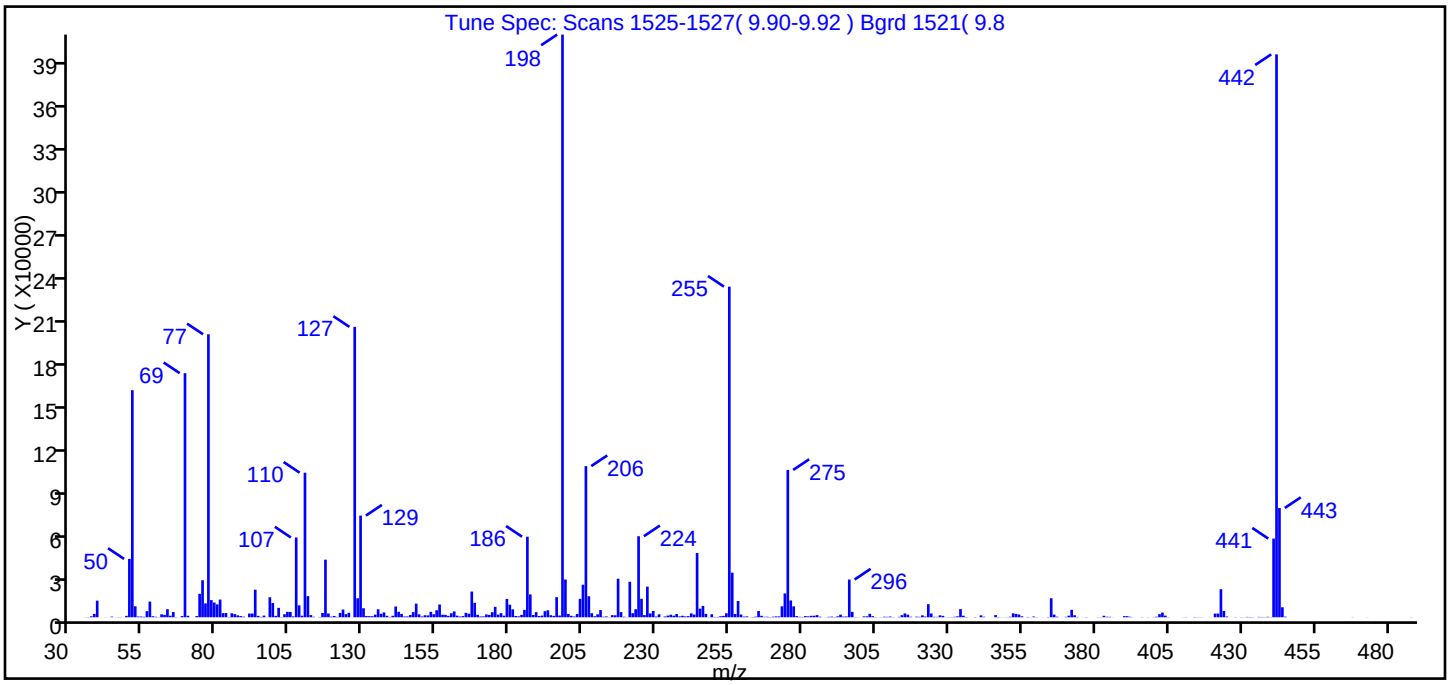
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.552	9.552	0.0	85	520024	0	
148 DFTPP								
158 Benzidine	184	10.846	10.846	0.0	99	2824575	0	
164 4,4'-DDE	246	11.012	11.012	0.0	38	2995	0	
163 4,4'-DDD	235	11.370	11.370	0.0	65	16562	0	
168 4,4'-DDT	235	11.654	11.654	0.0	98	1375239	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	38.97
68	Less than 2.00% of mass 69	0.21 (0.49)
69	Present	41.89
70	Less than 2.00% of mass 69	0.25 (0.60)
127	25.00 - 75.00% of mass 198	49.84
197	Less than 1.00% of mass 198	0.30
199	5.00 - 9.00% of mass 198	6.48
275	10.00 - 30.00% of mass 198	25.28
365	Greater than 0.75% of mass 198	3.26
441	Present, but less than mass 443%	13.50 (71.98)
442	40.00 - 110.00% of mass 198	96.61
443	15.00 - 24.00% of mass 442	18.75 (19.41)

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Nov-2012 09:05:30
Spectrum: Tune Spec: Scans 1525-1527(9.90-9.92) Bgrd 1521(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	95	137.00	3356	229.00	4441	325.00	310
36.00	153	138.00	1010	230.00	521	326.00	272
37.00	684	139.00	225	231.00	2035	327.00	1352
38.00	2352	140.00	1041	233.00	556	328.00	983
39.00	11621	141.00	7531	234.00	1178	329.00	97
42.00	86	142.00	3825	235.00	1778	330.00	138
43.00	4	143.00	2365	236.00	1102	331.00	142
44.00	431	144.00	557	237.00	2241	332.00	343
46.00	130	145.00	567	238.00	606	333.00	652
47.00	110	146.00	1582	239.00	1039	334.00	5699
49.00	987	147.00	3602	240.00	604	335.00	1085
50.00	40832	148.00	9536	241.00	788	336.00	201
51.00	158912	149.00	2013	242.00	2726	339.00	178
52.00	7663	150.00	569	243.00	1875	341.00	1330
53.00	522	151.00	1406	244.00	44976	342.00	367
54.00	518	152.00	1282	245.00	6032	345.00	79
55.00	328	153.00	3779	246.00	7938	346.00	1529
56.00	4260	154.00	2115	247.00	2378	347.00	185
57.00	10948	155.00	4906	248.00	116	348.00	84
58.00	716	156.00	8931	249.00	2103	349.00	54
59.00	357	157.00	1751	250.00	238	350.00	115
60.00	126	158.00	1677	251.00	229	351.00	387
61.00	2063	159.00	992	252.00	723	352.00	2740
62.00	1687	160.00	2813	253.00	939	353.00	2357
63.00	5662	161.00	4099	254.00	2798	354.00	1886
64.00	1085	162.00	1122	255.00	231360	355.00	677
65.00	3660	163.00	561	256.00	31200	357.00	221
66.00	149	164.00	825	257.00	2307	358.00	53
68.00	838	165.00	3114	258.00	11368	359.00	514
69.00	170816	166.00	2457	259.00	1931	360.00	145
70.00	1024	167.00	17976	260.00	485	362.00	50
73.00	841	168.00	10104	261.00	614	364.00	182
74.00	16400	169.00	1735	262.00	63	365.00	13301

Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Nov-2012 09:05:30
Spectrum: Tune Spec: Scans 1525-1527(9.90-9.92) Bgrd 1521(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	25928	170.00	559	263.00	178	366.00	1848
76.00	9708	171.00	616	264.00	446	367.00	394
77.00	198016	172.00	1979	265.00	4363	370.00	254
78.00	11998	173.00	1663	266.00	1031	371.00	1092
79.00	10326	174.00	3574	267.00	315	372.00	5198
80.00	9010	175.00	7285	268.00	350	373.00	1406
81.00	12365	176.00	1846	269.00	169	374.00	217
82.00	2901	177.00	2873	270.00	408	376.00	52
83.00	2960	178.00	1089	271.00	594	377.00	148
84.00	211	179.00	12828	272.00	602	381.00	112
85.00	2791	180.00	8801	273.00	7654	382.00	81
86.00	2211	181.00	5508	274.00	16656	383.00	1021
87.00	1326	182.00	878	275.00	103088	384.00	366
88.00	822	183.00	671	276.00	11734	385.00	311
89.00	418	184.00	1665	277.00	7618	386.00	62
91.00	2604	185.00	5130	278.00	819	390.00	797
92.00	2591	186.00	56368	279.00	317	391.00	761
93.00	19272	187.00	15966	280.00	227	392.00	332
94.00	959	188.00	1577	281.00	827	393.00	70
95.00	266	189.00	3601	282.00	622	396.00	111
96.00	1185	190.00	873	283.00	1013	398.00	89
97.00	41	191.00	1167	284.00	1085	400.00	110
98.00	13996	192.00	4258	285.00	1490	401.00	378
99.00	9958	193.00	4929	286.00	397	402.00	2174
100.00	954	194.00	1436	287.00	51	403.00	3281
101.00	6572	195.00	938	288.00	79	404.00	1158
102.00	172	196.00	14054	289.00	321	405.00	139
103.00	2113	197.00	1219	290.00	460	410.00	64
104.00	3795	198.00	407744	291.00	184	411.00	94
105.00	3696	199.00	26432	292.00	660	414.00	194
106.00	606	200.00	2337	293.00	1835	415.00	117
107.00	55832	201.00	1042	294.00	485	416.00	113
108.00	8354	202.00	529	295.00	551	417.00	57
109.00	1072	203.00	2295	296.00	26408	419.00	67

Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Nov-2012 09:05:30
Spectrum: Tune Spec: Scans 1525-1527(9.90-9.92) Bgrd 1521(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

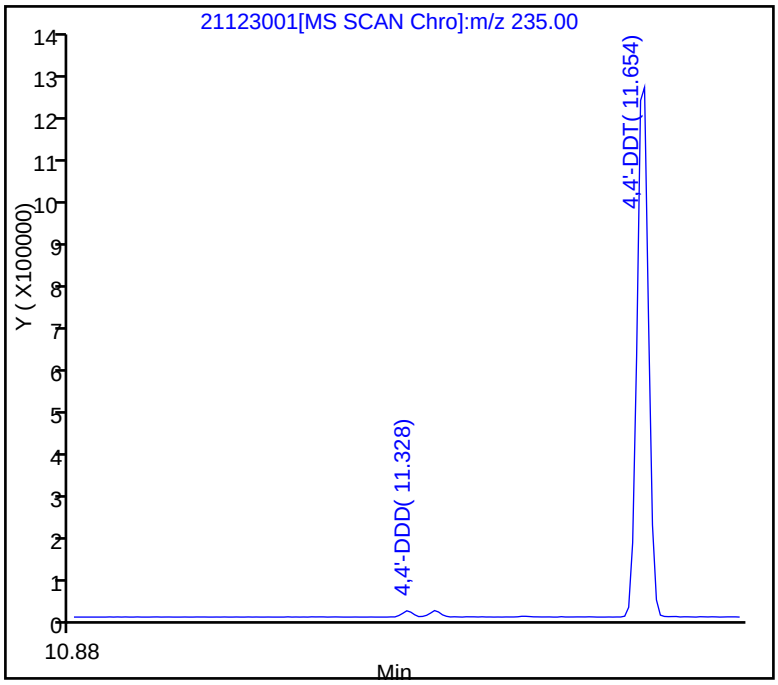
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	101168	204.00	12892	297.00	3771	421.00	2545
111.00	14791	205.00	22760	298.00	153	422.00	2601
112.00	1509	206.00	105776	299.00	90	423.00	19632
113.00	333	207.00	14693	301.00	598	424.00	4418
115.00	213	208.00	2823	302.00	666	425.00	501
116.00	3003	209.00	713	303.00	2421	428.00	148
117.00	40312	210.00	2056	304.00	771	430.00	142
118.00	2641	211.00	5029	305.00	170	431.00	83
119.00	455	212.00	381	306.00	56	432.00	252
120.00	923	213.00	585	307.00	105	433.00	198
121.00	261	214.00	129	308.00	388	434.00	135
122.00	3030	215.00	1478	309.00	298	436.00	255
123.00	5399	216.00	1365	310.00	501	437.00	214
124.00	2172	217.00	26960	311.00	130	438.00	150
125.00	3113	218.00	3614	313.00	296	439.00	324
127.00	203200	219.00	380	314.00	1471	440.00	132
128.00	13305	220.00	109	315.00	2706	441.00	55048
129.00	71144	221.00	24848	316.00	1814	442.00	393920
130.00	6324	222.00	2849	317.00	367	443.00	76472
131.00	910	223.00	5615	319.00	429	444.00	7003
132.00	788	224.00	56712	320.00	302	445.00	424
133.00	713	225.00	12892	321.00	1308	468.00	96
134.00	1837	226.00	1526	322.00	499	473.00	68
135.00	5589	227.00	21440	323.00	9171	488.00	90
136.00	2432	228.00	2657	324.00	2637		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1375239
163 4,4'-DDD, Area = 16562
164 4,4'-DDE, Area = 2995

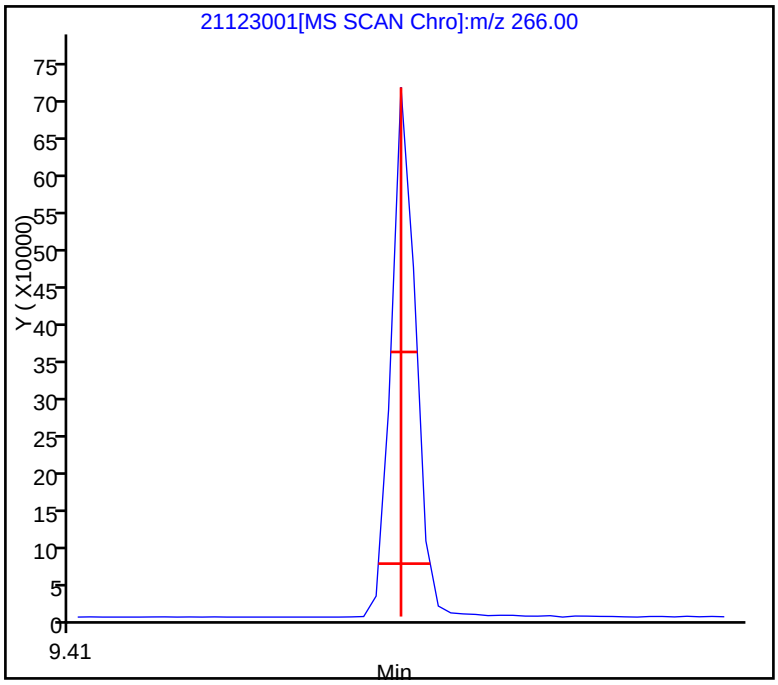
%Breakdown: 1.40%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.3, Max. Tailing < 5.00
Passed

Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

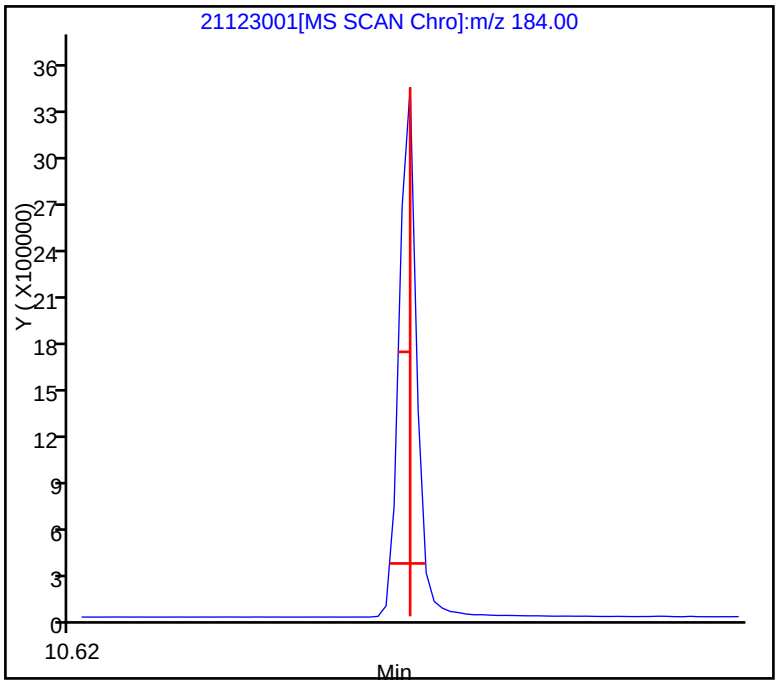
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D

Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	26-Nov-2012 10:06:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015260-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	66246	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m		
Last Update:	27-Nov-2012 16:01:37	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	26-Nov-2012 10:41:01

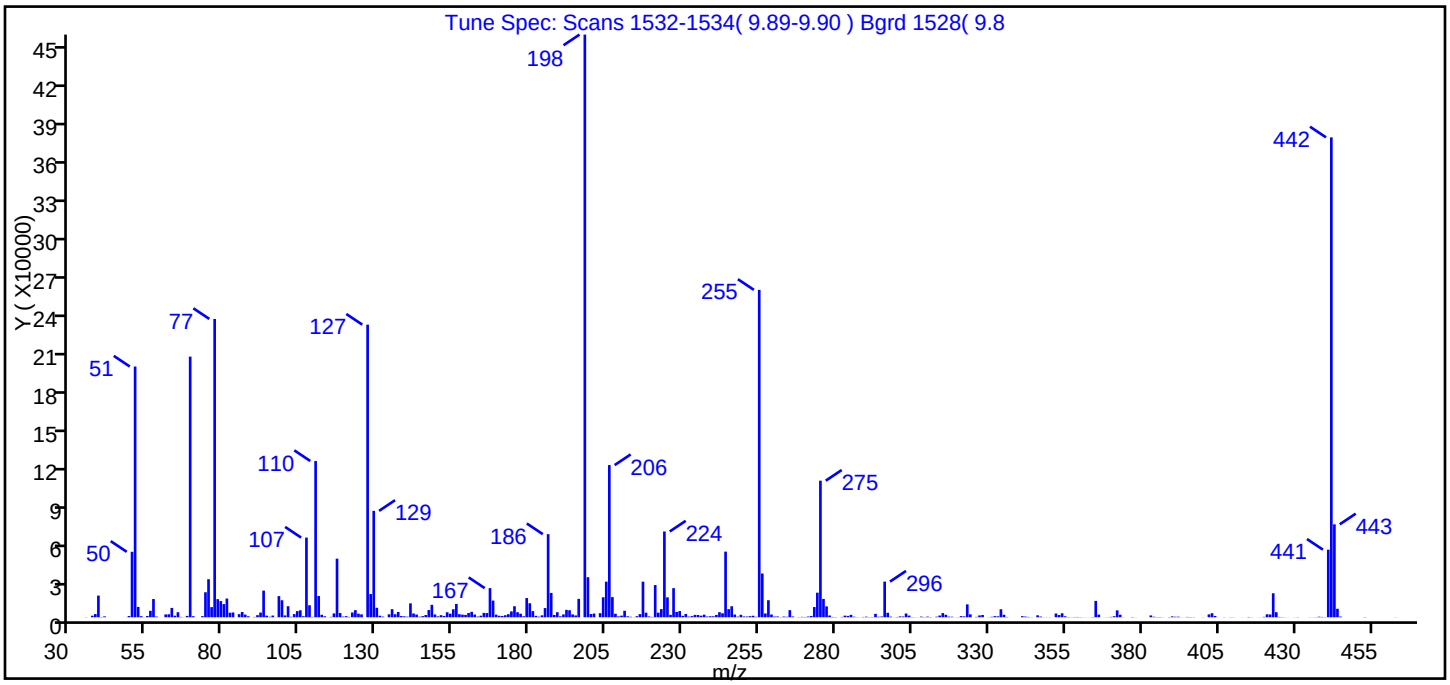
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.545	9.545	0.0	91	545069	0	
148 DFTPP								
158 Benzidine	184	10.834	10.834	0.0	100	2933147	0	
164 4,4'-DDE	246	11.005	11.005	0.0	20	1550	0	
163 4,4'-DDD	235	11.358	11.358	0.0	72	14989	0	
168 4,4'-DDT	235	11.641	11.641	0.0	99	1441263	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D		
Injection Date:	26-Nov-2012 10:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	43.03
68	Less than 2.00% of mass 69	0.23 (0.51)
69	Present	44.73
70	Less than 2.00% of mass 69	0.18 (0.40)
127	25.00 - 75.00% of mass 198	50.22
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	23.44
365	Greater than 0.75% of mass 198	2.81
441	Present, but less than mass 443%	11.60 (72.72)
442	40.00 - 110.00% of mass 198	82.36
443	15.00 - 24.00% of mass 442	15.95 (19.36)

Report Date: 27-Nov-2012 16:01:37 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D\8270_hp7.rslt\spectra.d
Injection Date: 26-Nov-2012 10:06:30
Spectrum: Tune Spec: Scans 1532-1534(9.89-9.90) Bgrd 1528(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	118	141.00	10759	235.00	1729	331.00	365
37.00	1191	142.00	2918	236.00	1198	332.00	853
38.00	2459	143.00	2106	237.00	1994	333.00	734
39.00	16784	144.00	446	238.00	583	334.00	6217
40.00	235	145.00	875	239.00	796	335.00	1932
41.00	710	146.00	1726	240.00	742	336.00	251
48.00	65	147.00	5583	241.00	1773	341.00	853
49.00	953	148.00	9634	242.00	3906	342.00	544
50.00	50704	149.00	2145	243.00	3079	343.00	276
51.00	194240	150.00	687	244.00	50840	344.00	92
52.00	8000	151.00	1604	245.00	6279	346.00	1505
53.00	828	152.00	1007	246.00	8515	347.00	524
54.00	127	153.00	3880	247.00	2097	348.00	97
55.00	962	154.00	2756	248.00	469	349.00	77
56.00	4998	155.00	6209	249.00	1908	350.00	107
57.00	14127	156.00	10335	250.00	606	352.00	2901
58.00	548	157.00	2384	251.00	568	353.00	1718
59.00	52	158.00	2023	252.00	857	354.00	3085
61.00	2173	159.00	1845	253.00	1162	355.00	760
62.00	2309	160.00	3271	254.00	353	356.00	214
63.00	7227	161.00	4222	255.00	253632	357.00	90
64.00	1208	162.00	2101	256.00	33888	358.00	178
65.00	3880	163.00	516	257.00	2928	359.00	234
66.00	284	164.00	1212	258.00	13205	360.00	158
67.00	93	165.00	3374	259.00	2137	361.00	70
68.00	1031	166.00	3264	260.00	548	362.00	73
69.00	201920	167.00	22584	261.00	596	363.00	74
70.00	807	168.00	12919	262.00	140	364.00	189
73.00	875	169.00	2026	263.00	532	365.00	12666
74.00	19376	170.00	1160	264.00	387	366.00	2039
75.00	29472	171.00	1003	265.00	5494	368.00	76
76.00	7866	172.00	1575	266.00	611	369.00	117
77.00	231104	173.00	2366	267.00	25	370.00	298

Report Date: 27-Nov-2012 16:01:37 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D\8270_hp7.rslt\spectra.d
Injection Date: 26-Nov-2012 10:06:30
Spectrum: Tune Spec: Scans 1532-1534(9.89-9.90) Bgrd 1528(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	14040	174.00	4562	268.00	156	371.00	795
79.00	12515	175.00	8530	269.00	308	372.00	5370
80.00	10204	176.00	3922	270.00	235	373.00	1957
81.00	14513	177.00	2732	271.00	540	374.00	109
82.00	3517	178.00	771	272.00	1001	377.00	223
83.00	3705	179.00	14876	273.00	7906	378.00	74
85.00	2412	180.00	10850	274.00	19024	383.00	1413
86.00	4057	181.00	4753	275.00	105808	384.00	418
87.00	2069	182.00	1089	276.00	14201	385.00	193
88.00	775	183.00	463	277.00	8407	386.00	214
90.00	244	184.00	1479	278.00	1357	387.00	94
91.00	1621	185.00	7121	279.00	257	389.00	198
92.00	3621	186.00	64392	280.00	180	390.00	694
93.00	20648	187.00	18864	282.00	253	391.00	404
94.00	1232	188.00	1739	283.00	1253	392.00	448
95.00	382	189.00	3906	284.00	1062	393.00	85
96.00	1319	190.00	743	285.00	1870	394.00	69
97.00	82	191.00	2197	286.00	432	395.00	252
98.00	16384	192.00	5716	287.00	114	396.00	188
99.00	13178	193.00	5434	288.00	74	397.00	130
100.00	1404	194.00	2203	289.00	243	400.00	97
101.00	8535	195.00	1407	290.00	459	402.00	2219
102.00	375	196.00	14230	291.00	160	403.00	3136
103.00	2415	198.00	451392	292.00	224	404.00	1009
104.00	4762	199.00	31048	293.00	2633	405.00	51
105.00	5401	200.00	2482	294.00	406	407.00	125
106.00	779	201.00	2878	295.00	585	409.00	131
107.00	61720	203.00	3152	296.00	27608	410.00	101
108.00	9301	204.00	15474	297.00	3480	413.00	57
109.00	282	205.00	27584	298.00	476	415.00	227
110.00	121048	206.00	117888	299.00	60	416.00	119
111.00	16440	207.00	15617	300.00	226	418.00	59
112.00	1912	208.00	2711	301.00	661	419.00	60
113.00	763	209.00	710	302.00	596	420.00	306

Report Date: 27-Nov-2012 16:01:37 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D\8270_hp7.rslt\spectra.d
Injection Date: 26-Nov-2012 10:06:30
Spectrum: Tune Spec: Scans 1532-1534(9.89-9.90) Bgrd 1528(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

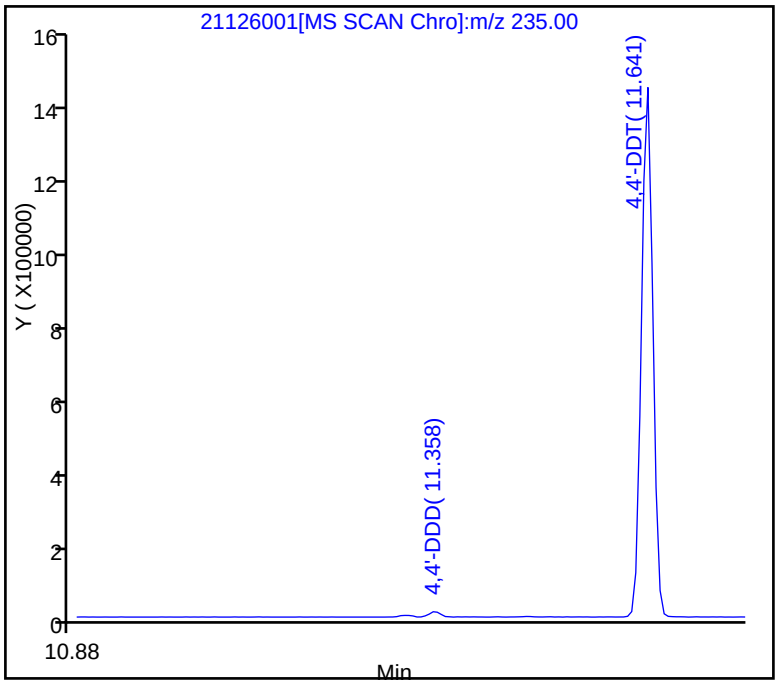
m/z	Y	m/z	Y	m/z	Y	m/z	Y
114.00	64	210.00	1253	303.00	2915	421.00	2289
115.00	309	211.00	5026	304.00	1313	422.00	2147
116.00	2965	212.00	739	305.00	165	423.00	18600
117.00	45408	213.00	376	306.00	105	424.00	3915
118.00	3266	214.00	89	307.00	84	425.00	291
119.00	496	215.00	828	308.00	500	426.00	187
120.00	846	216.00	2429	309.00	181	427.00	78
121.00	297	217.00	27576	310.00	503	428.00	53
122.00	3694	218.00	3558	311.00	196	430.00	63
123.00	5532	219.00	644	313.00	437	431.00	140
124.00	2756	220.00	265	314.00	1331	435.00	82
125.00	2231	221.00	24960	315.00	3227	436.00	64
127.00	226688	222.00	3533	316.00	1933	437.00	139
128.00	17984	223.00	6316	317.00	498	438.00	430
129.00	82424	224.00	66440	318.00	404	439.00	267
130.00	7326	225.00	15437	319.00	65	440.00	149
131.00	1174	226.00	1844	320.00	149	441.00	52352
132.00	509	227.00	22552	321.00	875	442.00	371776
134.00	2275	228.00	4101	322.00	666	443.00	71992
135.00	6269	229.00	4783	323.00	9979	444.00	6576
136.00	2331	230.00	1118	324.00	2271	445.00	556
137.00	4101	231.00	2545	326.00	310	453.00	177
138.00	944	232.00	507	327.00	1428	463.00	89
139.00	709	233.00	900	328.00	1759	470.00	51
140.00	469	234.00	1827	330.00	81		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D		
Injection Date:	26-Nov-2012 10:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1441263
163 4,4'-DDD, Area = 14989
164 4,4'-DDE, Area = 1550

%Breakdown: 1.13%, Max Limit: 20.00%
Passed

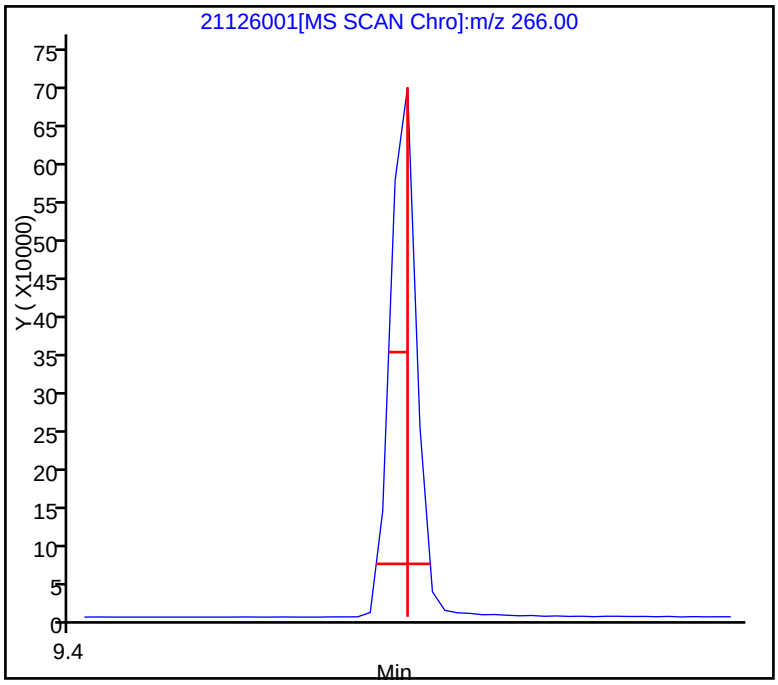
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D

Injection Date:	26-Nov-2012 10:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 0.7, Max. Tailing < 5.00
Passed

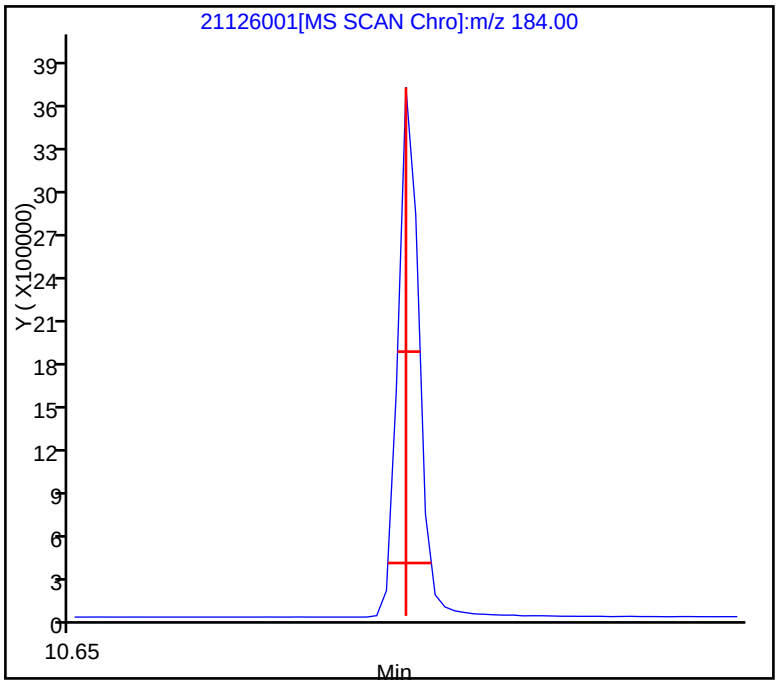
Report Date: 27-Nov-2012 16:01:37 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126001.D		
Injection Date:	26-Nov-2012 10:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	14-Nov-2012 11:15:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0014932-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	64921	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\8270 _9.m		
Last Update:	15-Nov-2012 07:40:11	Calib Date:	14-Nov-2012 14:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: ulmanm		Date:	14-Nov-2012 11:51:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	7.027	7.027	0.0	81	732719	0	
150 DFTPP								
160 Benzidine	184	8.122	8.122	0.0	99	4044560	0	
166 4,4'-DDE	246	8.255	8.255	0.0	4	2417	0	
165 4,4'-DDD	235	8.533	8.533	0.0	81	25777	0	
170 4,4'-DDT	235	8.731	8.731	0.0	97	2117995	0	

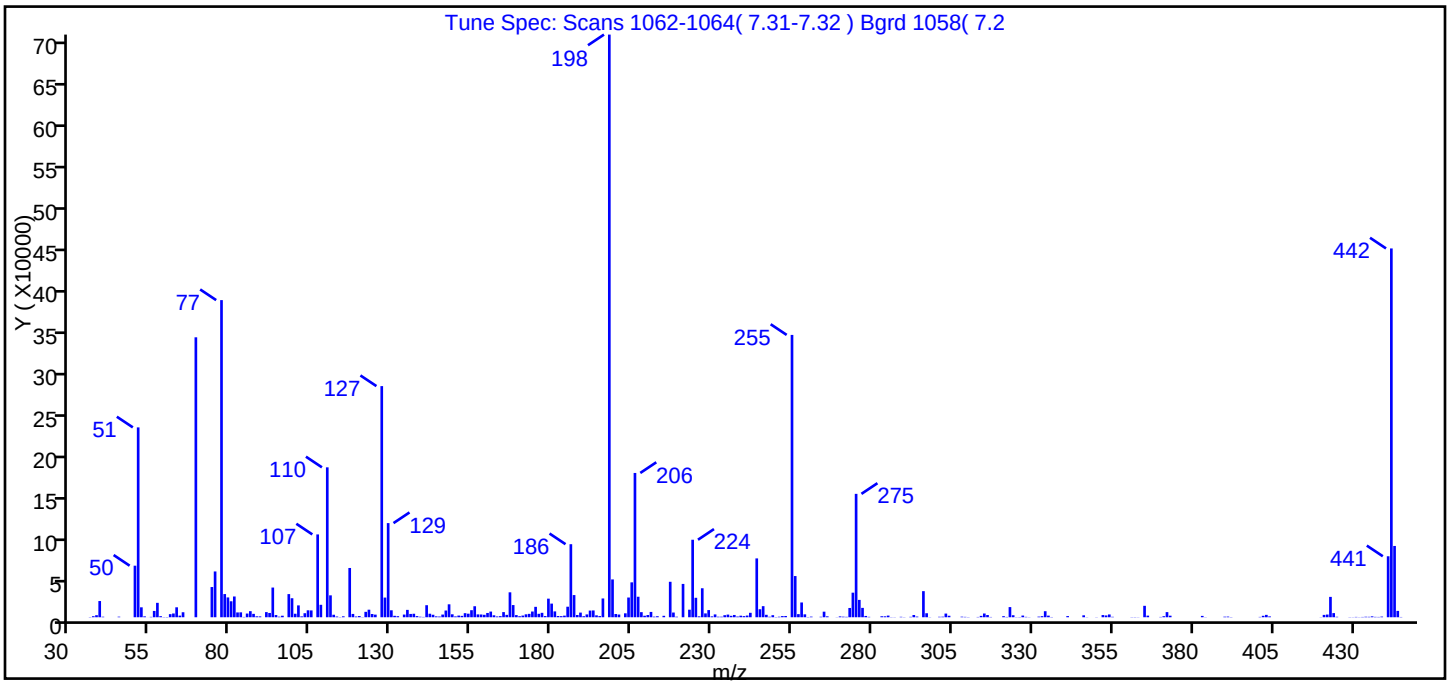
Report Date: 15-Nov-2012 07:40:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D		
Injection Date:	14-Nov-2012 11:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	32.59
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	48.05
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	39.67
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.49
275	10.00 - 30.00% of mass 198	21.18
365	Greater than 0.75% of mass 198	1.96
441	Present, but less than mass 443%	10.47 (85.55)
442	40.00 - 110.00% of mass 198	63.30
443	15.00 - 24.00% of mass 442	12.23 (19.33)

Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D\8270 _9.rslt\spectra.d
Injection Date: 14-Nov-2012 11:15:30
Spectrum: Tune Spec: Scans 1062-1064(7.31-7.32) Bgrd 1058(7.2
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 296

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	289	132.00	1277	209.00	1824	301.00	586
37.00	1261	134.00	3254	210.00	2692	302.00	701
38.00	2477	135.00	8900	211.00	6429	303.00	4445
39.00	19568	136.00	4000	212.00	736	304.00	1809
40.00	656	137.00	4225	213.00	1242	308.00	691
45.00	705	138.00	1383	215.00	1739	309.00	468
50.00	62200	139.00	635	217.00	42792	310.00	241
51.00	229056	140.00	400	218.00	5699	313.00	366
52.00	11993	141.00	14544	219.00	663	314.00	1668
53.00	1057	142.00	4252	221.00	40216	315.00	4520
54.00	40	143.00	3019	223.00	9110	316.00	2688
55.00	475	144.00	1072	224.00	93504	317.00	369
56.00	7614	145.00	873	225.00	23480	321.00	1297
57.00	17392	146.00	3250	226.00	1106	322.00	392
58.00	1304	147.00	8121	227.00	34984	323.00	12266
59.00	257	148.00	15618	228.00	4649	324.00	2416
60.00	304	149.00	3567	229.00	8652	325.00	203
61.00	3744	150.00	999	230.00	1052	326.00	280
62.00	4551	151.00	2024	231.00	3424	327.00	2038
63.00	12012	152.00	1693	232.00	670	328.00	480
64.00	1973	153.00	4930	233.00	680	329.00	192
65.00	6045	154.00	4299	234.00	2486	332.00	765
69.00	337728	155.00	8520	235.00	3205	333.00	1296
74.00	36456	156.00	13290	236.00	1739	334.00	7290
75.00	55256	157.00	3448	237.00	2754	335.00	1955
77.00	382592	158.00	3340	238.00	869	336.00	327
78.00	27976	159.00	2976	239.00	1884	341.00	1420
79.00	23920	160.00	5169	240.00	1366	346.00	2334
80.00	19280	161.00	6860	241.00	2059	347.00	194
81.00	25056	162.00	2373	242.00	5370	350.00	194
82.00	5807	163.00	955	244.00	70992	352.00	2661
83.00	5924	164.00	1329	245.00	9673	353.00	2187
84.00	389	165.00	6230	246.00	13381	354.00	3368

Report Date: 15-Nov-2012 07:40:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D\8270 _9.rslt\spectra.d
Injection Date: 14-Nov-2012 11:15:30
Spectrum: Tune Spec: Scans 1062-1064(7.31-7.32) Bgrd 1058(7.2
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 296

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	4478	166.00	2886	247.00	2943	355.00	542
86.00	7339	167.00	30088	248.00	616	361.00	227
87.00	4101	168.00	14703	249.00	2484	362.00	245
88.00	1124	169.00	2614	250.00	278	363.00	170
89.00	1042	170.00	1262	251.00	655	365.00	13791
91.00	6214	171.00	2046	252.00	1436	366.00	1947
92.00	5175	172.00	3545	253.00	1526	370.00	389
93.00	35832	173.00	4088	255.00	340608	371.00	1259
94.00	2645	174.00	6930	256.00	49704	372.00	6198
95.00	703	175.00	12568	257.00	3765	373.00	1875
96.00	1841	176.00	4160	258.00	17840	383.00	1641
98.00	27936	177.00	5346	259.00	3525	384.00	193
99.00	22944	178.00	1428	260.00	316	390.00	690
100.00	4228	179.00	22440	261.00	763	391.00	812
101.00	14313	180.00	16464	264.00	596	392.00	269
102.00	1057	181.00	7062	265.00	6741	401.00	426
103.00	4869	182.00	1493	266.00	1101	402.00	1761
104.00	8392	183.00	1337	269.00	169	403.00	2876
105.00	8254	184.00	1933	270.00	1031	404.00	1036
107.00	99928	185.00	12719	271.00	702	420.00	183
108.00	15027	186.00	88144	272.00	509	421.00	2856
110.00	180864	187.00	26760	273.00	11200	422.00	3265
111.00	26424	188.00	2731	274.00	29656	423.00	24576
112.00	3021	189.00	5613	275.00	148864	424.00	5008
113.00	903	190.00	1236	276.00	20936	425.00	583
114.00	255	191.00	3418	277.00	11309	429.00	216
115.00	1127	192.00	8052	278.00	1577	430.00	182
117.00	59448	193.00	8220	279.00	498	431.00	422
118.00	4006	194.00	2321	283.00	1214	432.00	185
119.00	892	195.00	1431	284.00	1132	433.00	377
120.00	1457	196.00	22672	285.00	2003	434.00	625
121.00	237	198.00	702912	286.00	215	435.00	531
122.00	6539	199.00	45648	287.00	189	436.00	1080
123.00	9115	200.00	3904	289.00	538	437.00	467

Report Date: 15-Nov-2012 07:40:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D\8270 _9.rslt\spectra.d
Injection Date: 14-Nov-2012 11:15:30
Spectrum: Tune Spec: Scans 1062-1064(7.31-7.32) Bgrd 1058(7.2
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 296

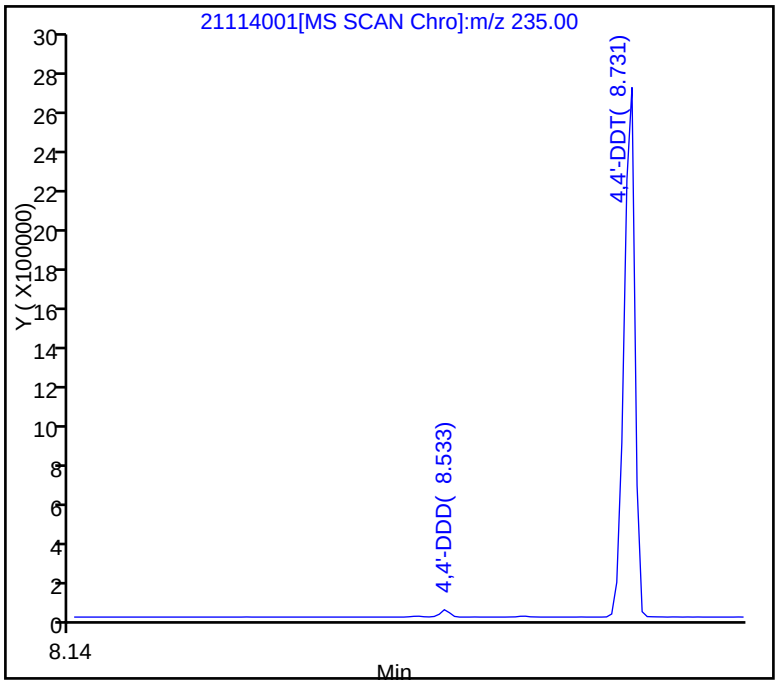
m/z	Y	m/z	Y	m/z	Y	m/z	Y
124.00	3904	201.00	3273	290.00	208	438.00	397
125.00	3183	203.00	4752	292.00	515	439.00	815
127.00	278848	204.00	23808	293.00	2710	441.00	73576
128.00	23736	205.00	42104	294.00	818	442.00	444928
129.00	113584	206.00	174080	296.00	31496	443.00	86000
130.00	8400	207.00	24736	297.00	4837	444.00	7681
131.00	1740	208.00	6148	298.00	203	445.00	345

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D		
Injection Date:	14-Nov-2012 11:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 2117995
165 4,4'-DDD, Area = 25777
166 4,4'-DDE, Area = 2417

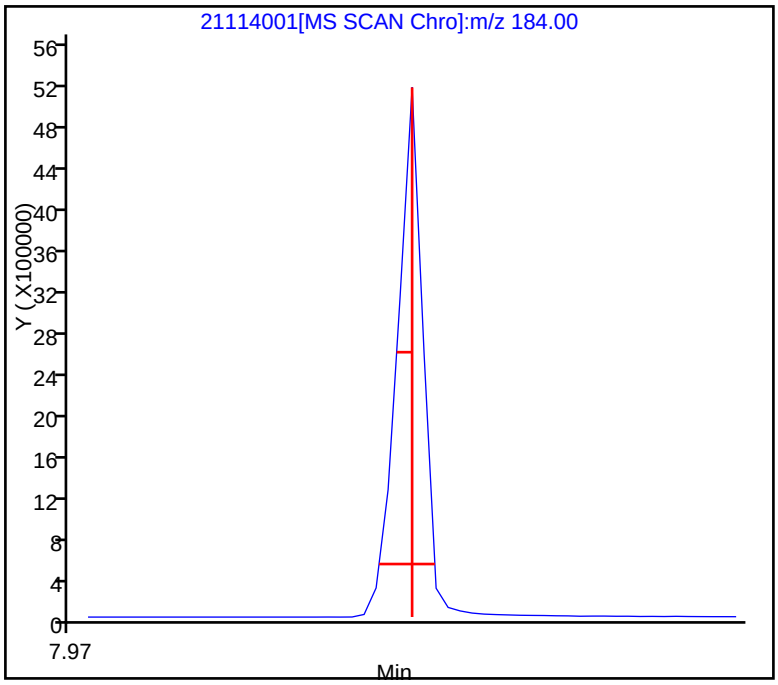
%Breakdown: 1.31%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D		
Injection Date:	14-Nov-2012 11:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.015 (min.)

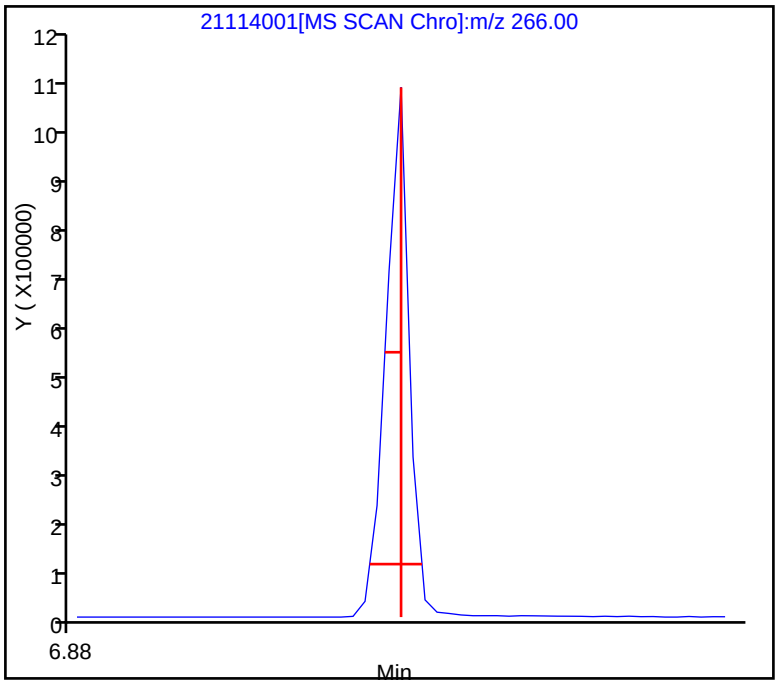
Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121114-14932.b\21114001.D		
Injection Date:	14-Nov-2012 11:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	64921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.009 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	16-Nov-2012 09:20:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015012-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	65294	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m		
Last Update:	17-Nov-2012 12:48:06	Calib Date:	15-Nov-2012 10:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	16-Nov-2012 10:02:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	6.874	6.874	0.0	85	507710	0	
150 DFTPP								
160 Benzidine	184	7.969	7.969	0.0	98	2980883	0	
166 4,4'-DDE	246	8.097	8.097	0.0	1	1773	0	
165 4,4'-DDD	235	8.375	8.375	0.0	70	20384	0	
170 4,4'-DDT	235	8.578	8.578	0.0	96	1664219	0	

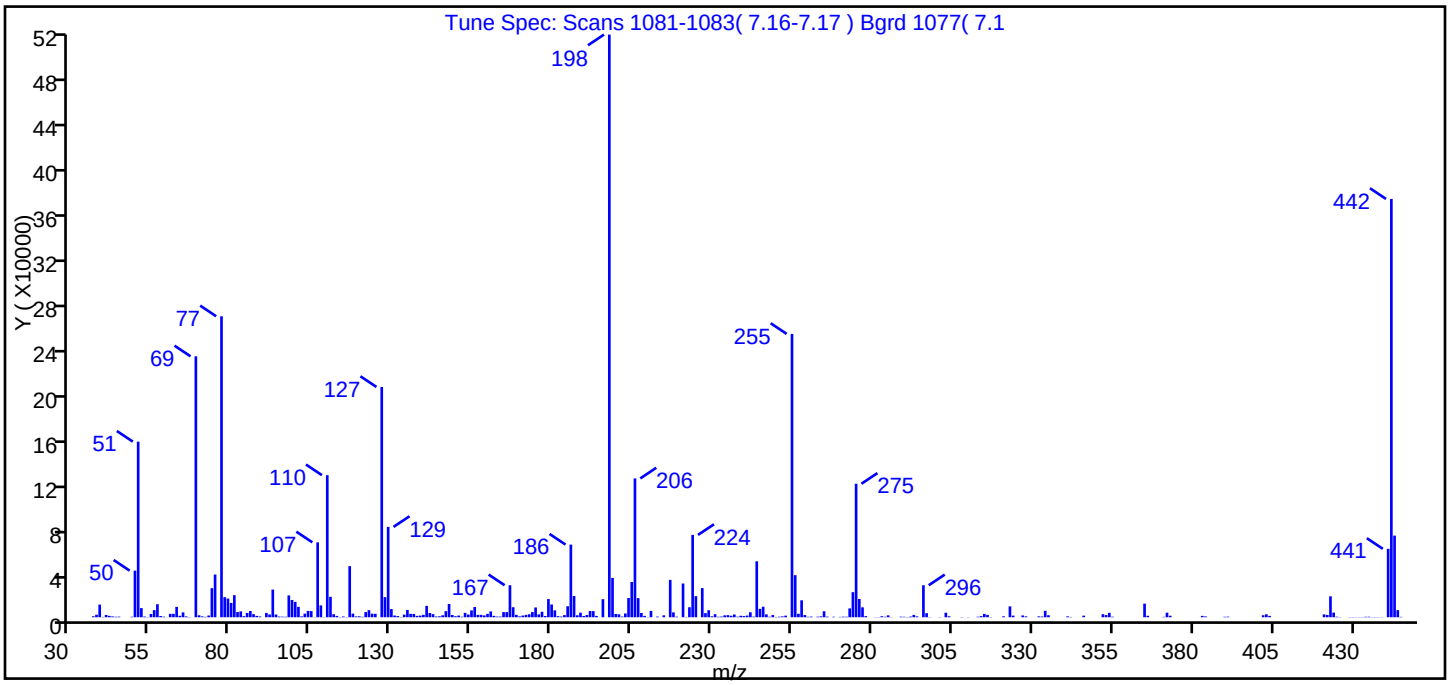
Report Date: 17-Nov-2012 12:48:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D		
Injection Date:	16-Nov-2012 09:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	30.14
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	44.78
70	Less than 2.00% of mass 69	0.34 (0.76)
127	25.00 - 75.00% of mass 198	39.53
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.75
275	10.00 - 30.00% of mass 198	22.91
365	Greater than 0.75% of mass 198	2.34
441	Present, but less than mass 443%	11.74 (83.80)
442	40.00 - 110.00% of mass 198	71.79
443	15.00 - 24.00% of mass 442	14.01 (19.52)

Report Date: 17-Nov-2012 12:48:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D\8270 _9.rslt\spectra.d
Injection Date: 16-Nov-2012 09:20:30
Spectrum: Tune Spec: Scans 1081-1083(7.16-7.17) Bgrd 1077(7.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 299

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	882	118.00	3192	194.00	1198	282.00	184
38.00	2251	119.00	763	196.00	15942	283.00	908
39.00	11153	120.00	839	198.00	513920	284.00	437
40.00	280	121.00	374	199.00	34680	285.00	1672
41.00	2017	122.00	4569	200.00	2855	286.00	175
42.00	1244	123.00	6254	201.00	2610	289.00	521
43.00	732	124.00	3174	202.00	608	290.00	424
44.00	448	125.00	3043	203.00	3334	291.00	216
45.00	551	127.00	203136	204.00	16952	292.00	618
49.00	450	128.00	17744	205.00	31072	293.00	2044
50.00	41112	129.00	79696	206.00	122448	294.00	753
51.00	154880	130.00	7227	207.00	16864	296.00	28232
52.00	8082	131.00	1524	208.00	3756	297.00	3635
53.00	633	132.00	1044	209.00	1207	298.00	222
54.00	210	133.00	238	210.00	170	301.00	201
55.00	2864	134.00	2310	211.00	5623	303.00	4011
56.00	6268	135.00	6445	213.00	602	304.00	871
57.00	11509	136.00	3047	215.00	1681	308.00	225
58.00	1069	137.00	2930	217.00	32960	310.00	181
59.00	528	138.00	1223	218.00	4303	313.00	469
60.00	96	139.00	1463	219.00	515	314.00	1003
61.00	3026	140.00	2138	221.00	29776	315.00	2961
62.00	3047	141.00	10026	222.00	248	316.00	2090
63.00	9133	142.00	3724	223.00	8836	317.00	223
64.00	1297	143.00	2725	224.00	72616	321.00	847
65.00	4313	144.00	660	225.00	18624	323.00	9590
66.00	754	145.00	866	227.00	25736	324.00	1434
67.00	210	146.00	1749	228.00	3635	327.00	1591
69.00	230144	147.00	5377	229.00	6199	328.00	783
70.00	1742	148.00	11676	230.00	831	332.00	790
71.00	745	149.00	2006	231.00	2673	333.00	660
72.00	355	150.00	898	232.00	444	334.00	5682
73.00	1516	151.00	1496	233.00	623	335.00	1812

Report Date: 17-Nov-2012 12:48:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D\8270 _9.rslt\spectra.d
Injection Date: 16-Nov-2012 09:20:30
Spectrum: Tune Spec: Scans 1081-1083(7.16-7.17) Bgrd 1077(7.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 299

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	25664	152.00	502	234.00	1682	341.00	813
75.00	37688	153.00	3893	235.00	1871	342.00	281
77.00	265472	154.00	2429	236.00	1315	346.00	1415
78.00	17712	155.00	6068	237.00	2454	352.00	2698
79.00	16464	156.00	9024	238.00	472	353.00	1937
80.00	12623	157.00	2128	239.00	1314	354.00	3911
81.00	19472	158.00	2088	240.00	1051	355.00	489
82.00	4592	159.00	1587	241.00	1514	365.00	12014
83.00	5186	160.00	3022	242.00	4409	366.00	1297
84.00	959	161.00	5158	243.00	509	371.00	343
85.00	3802	162.00	1225	244.00	49392	372.00	4033
86.00	5561	163.00	592	245.00	7408	373.00	1333
87.00	2736	164.00	578	246.00	9266	383.00	1213
88.00	1213	165.00	4547	247.00	2537	384.00	746
89.00	698	166.00	4543	248.00	457	390.00	425
91.00	3806	167.00	28240	249.00	1940	391.00	556
92.00	2435	168.00	8845	250.00	262	402.00	1779
93.00	24416	169.00	2144	251.00	508	403.00	2599
94.00	2426	170.00	812	252.00	752	404.00	1214
95.00	634	171.00	1498	253.00	1402	421.00	2534
96.00	494	172.00	2092	255.00	249920	422.00	2012
97.00	449	173.00	2640	256.00	37120	423.00	18472
98.00	19240	174.00	4591	257.00	3076	424.00	4108
99.00	15261	175.00	8630	258.00	14966	425.00	479
100.00	13597	176.00	2545	259.00	1954	426.00	204
101.00	9181	177.00	4856	260.00	414	429.00	184
102.00	776	178.00	1109	261.00	600	430.00	218
103.00	3175	179.00	16076	263.00	497	431.00	171
104.00	5602	180.00	11267	264.00	794	432.00	186
105.00	5470	181.00	6074	265.00	5317	433.00	215
106.00	173	182.00	960	266.00	557	434.00	447
107.00	66088	183.00	588	268.00	437	435.00	475
108.00	10468	184.00	1909	270.00	331	436.00	167
109.00	200	185.00	9729	271.00	515	437.00	221

Report Date: 17-Nov-2012 12:48:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D\8270 _9.rslt\spectra.d
Injection Date: 16-Nov-2012 09:20:30
Spectrum: Tune Spec: Scans 1081-1083(7.16-7.17) Bgrd 1077(7.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 299

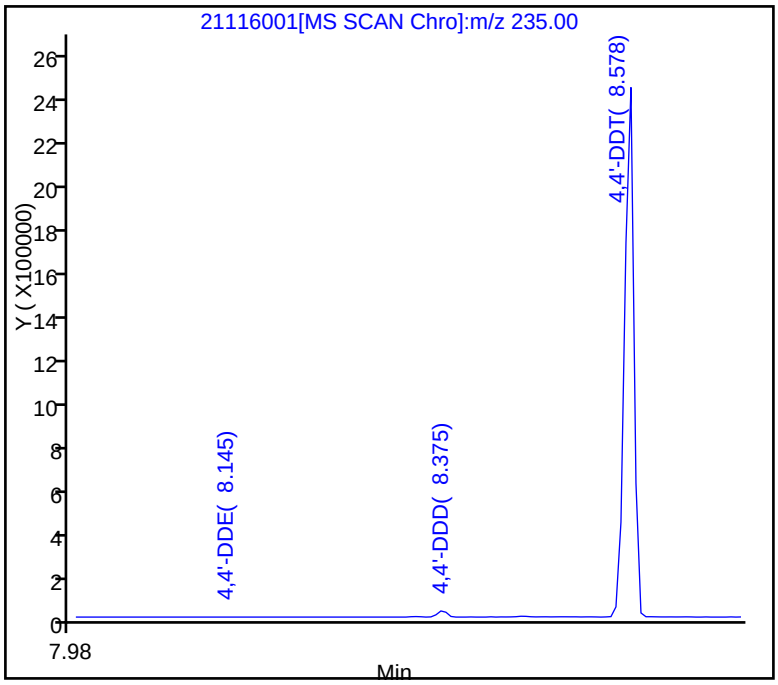
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	125328	186.00	64088	272.00	474	438.00	174
111.00	18040	187.00	18736	273.00	7819	439.00	171
112.00	2672	188.00	1761	274.00	22128	441.00	60344
113.00	1180	189.00	4050	275.00	117744	442.00	368960
114.00	212	190.00	1086	276.00	16119	443.00	72008
115.00	680	191.00	2042	277.00	8756	444.00	6306
116.00	200	192.00	5515	278.00	1015	445.00	342
117.00	45056	193.00	5408	281.00	178		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D		
Injection Date:	16-Nov-2012 09:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1664219
165 4,4'-DDD, Area = 20384
166 4,4'-DDE, Area = 1773

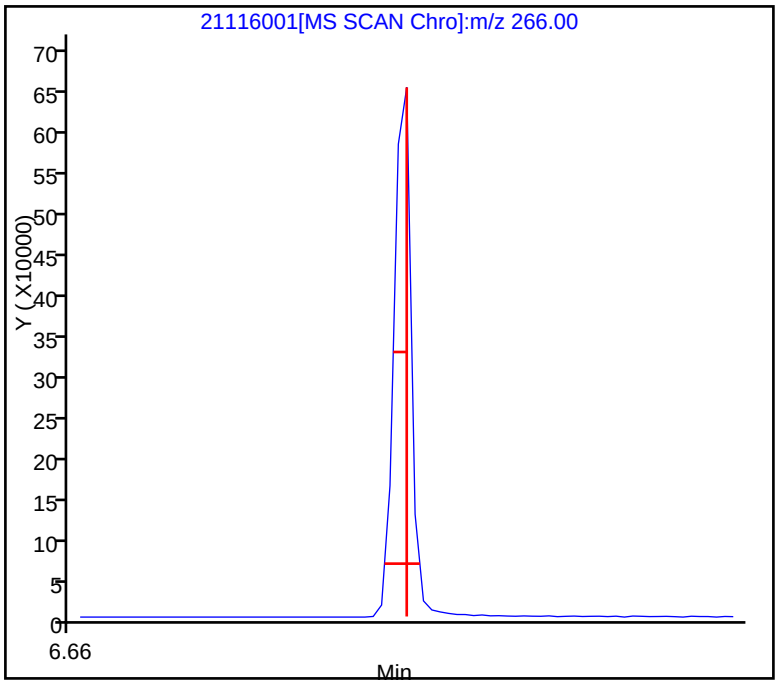
%Breakdown: 1.31%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D		
Injection Date:	16-Nov-2012 09:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.008 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.6, Max. Tailing < 5.00
Passed

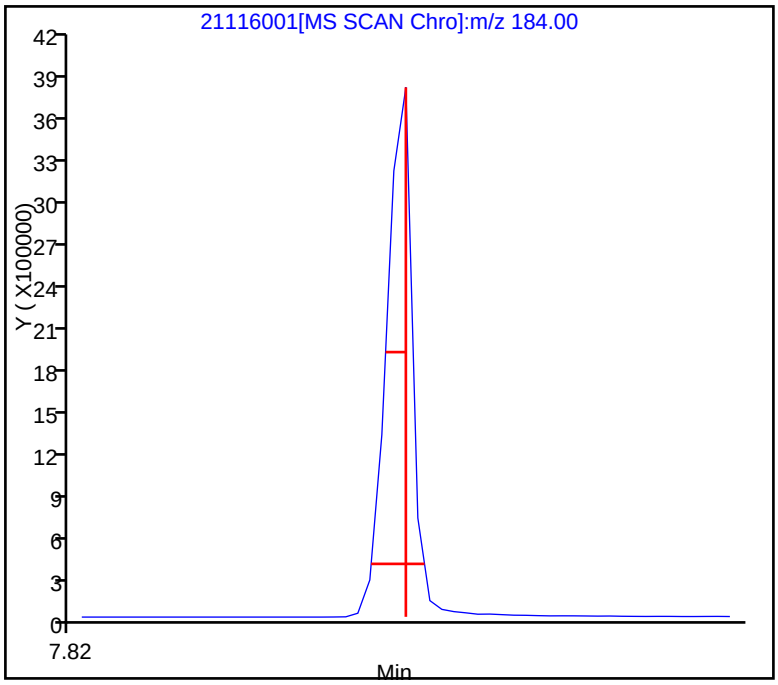
Report Date: 17-Nov-2012 12:48:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116001.D		
Injection Date:	16-Nov-2012 09:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.008 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.5, Max. Tailing < 3.00
Passed

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64920/23-A

Matrix: Water | Lab File ID: 21116004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1000(mL) | Date Analyzed: 11/16/2012 10:21

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	0.10	U	0.20	0.10	0.10
208-96-8	Acenaphthylene	0.10	U	0.20	0.10	0.10
120-12-7	Anthracene	0.10	U	0.20	0.10	0.10
56-55-3	Benzo[a]anthracene	0.10	U	0.20	0.10	0.10
50-32-8	Benzo[a]pyrene	0.10	U	0.20	0.10	0.10
205-99-2	Benzo[b]fluoranthene	0.10	U	0.20	0.10	0.10
191-24-2	Benzo[g,h,i]perylene	0.10	U	0.20	0.10	0.10
65-85-0	Benzoic acid	10	U	25	10	10
207-08-9	Benzo[k]fluoranthene	0.10	U	0.20	0.10	0.10
100-51-6	Benzyl alcohol	0.80	U	5.0	0.80	0.38
111-91-1	Bis(2-chloroethoxy)methane	0.80	U	1.0	0.80	0.32
111-44-4	Bis(2-chloroethyl)ether	0.10	U	1.0	0.10	0.10
108-60-1	bis (2-chloroisopropyl) ether	0.80	U	1.0	0.80	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	0.80
101-55-3	4-Bromophenyl phenyl ether	0.80	U	2.0	0.80	0.80
85-68-7	Butyl benzyl phthalate	0.80	U	1.0	0.80	0.80
86-74-8	Carbazole	0.80	U	1.0	0.80	0.28
106-47-8	4-Chloroaniline	0.80	U	2.0	0.80	0.80
59-50-7	4-Chloro-3-methylphenol	0.80	U	2.0	0.80	0.80
91-58-7	2-Chloronaphthalene	0.10	U	1.0	0.10	0.10
95-57-8	2-Chlorophenol	0.80	U	1.0	0.80	0.29
7005-72-3	4-Chlorophenyl phenyl ether	0.80	U	2.0	0.80	0.30
218-01-9	Chrysene	0.10	U	0.20	0.10	0.10
53-70-3	Dibenz(a,h)anthracene	0.10	U	0.20	0.10	0.10
132-64-9	Dibenzofuran	0.10	U	1.0	0.10	0.10
106-46-7	1,4-Dichlorobenzene	0.80	U	1.0	0.80	0.34
95-50-1	1,2-Dichlorobenzene	0.80	U	1.0	0.80	0.29
541-73-1	1,3-Dichlorobenzene	0.80	U	1.0	0.80	0.80
91-94-1	3,3'-Dichlorobenzidine	0.80	U	5.0	0.80	0.37
120-83-2	2,4-Dichlorophenol	0.80	U	2.0	0.80	0.80
84-66-2	Diethyl phthalate	0.80	U	1.0	0.80	0.60
105-67-9	2,4-Dimethylphenol	0.80	U	2.0	0.80	0.80
131-11-3	Dimethyl phthalate	0.80	U	1.0	0.80	0.29
84-74-2	Di-n-butyl phthalate	0.80	U	1.0	0.80	0.67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64920/23-A

Matrix: Water | Lab File ID: 21116004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1000(mL) | Date Analyzed: 11/16/2012 10:21

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	5.0	2.4	2.4
51-28-5	2,4-Dinitrophenol	2.4	U	5.0	2.4	2.4
121-14-2	2,4-Dinitrotoluene	0.80	U	5.0	0.80	0.27
606-20-2	2,6-Dinitrotoluene	0.80	U	5.0	0.80	0.80
117-84-0	Di-n-octyl phthalate	0.80	U	1.0	0.80	0.80
206-44-0	Fluoranthene	0.10	U	0.20	0.10	0.10
86-73-7	Fluorene	0.10	U	0.20	0.10	0.10
118-74-1	Hexachlorobenzene	0.10	U	0.20	0.10	0.10
87-68-3	Hexachlorobutadiene	0.80	U	1.0	0.80	0.27
77-47-4	Hexachlorocyclopentadiene	0.80	U	10	0.80	0.80
67-72-1	Hexachloroethane	0.80	U	1.0	0.80	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.10	U	0.20	0.10	0.10
78-59-1	Isophorone	0.80	U	1.0	0.80	0.27
91-57-6	2-Methylnaphthalene	0.10	U	0.20	0.10	0.10
95-48-7	2-Methylphenol	0.80	U	1.0	0.80	0.80
15831-10-4	3 & 4 Methylphenol	0.80	U	2.0	0.80	0.80
91-20-3	Naphthalene	0.10	U	0.20	0.10	0.10
88-74-4	2-Nitroaniline	0.80	U	2.0	0.80	0.80
99-09-2	3-Nitroaniline	0.80	U	2.0	0.80	0.28
100-01-6	4-Nitroaniline	0.80	U	2.0	0.80	0.80
98-95-3	Nitrobenzene	0.10	U	1.0	0.10	0.040
88-75-5	2-Nitrophenol	0.80	U	2.0	0.80	0.28
100-02-7	4-Nitrophenol	2.4	U	5.0	2.4	2.4
621-64-7	N-Nitrosodi-n-propylamine	0.80	U	1.0	0.80	0.80
86-30-6	N-Nitrosodiphenylamine	0.80	U	1.0	0.80	0.31
87-86-5	Pentachlorophenol	2.4	U	5.0	2.4	2.4
85-01-8	Phenanthrene	0.10	U	0.20	0.10	0.10
108-95-2	Phenol	0.80	U	1.0	0.80	0.60
129-00-0	Pyrene	0.10	U	0.20	0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	0.80	U	1.0	0.80	0.28
95-95-4	2,4,5-Trichlorophenol	0.80	U	5.0	0.80	0.30
88-06-2	2,4,6-Trichlorophenol	0.80	U	5.0	0.80	0.80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64920/23-A

Matrix: Water | Lab File ID: 21116004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1000(mL) | Date Analyzed: 11/16/2012 10:21

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	74		50-110
367-12-4	2-Fluorophenol (Surr)	79		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	75		40-110
1718-51-0	Terphenyl-d14 (Surr)	82		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	71		40-125
4165-62-2	Phenol-d5 (Surr)	82		10-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116004.D
Lims ID: MB 240-64920/23-A Client ID:
Inject. Date: 16-Nov-2012 10:21:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015012-004
Misc. Info.: MB 240-64920/23-A =MB 240-64920/23-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 65294 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 11:18:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.676	3.677	-0.001	96	125503	4.00	
* 2 Naphthalene-d8	136	4.637	4.639	-0.002	99	502037	4.00	
* 3 Acenaphthene-d10	164	5.930	5.931	-0.001	75	342064	4.00	
* 4 Phenanthrene-d10	188	7.009	7.010	-0.001	97	610306	4.00	
* 5 Chrysene-d12	240	8.948	8.949	-0.001	80	638244	4.00	
* 6 Perylene-d12	264	10.219	10.215	0.004	94	534640	4.00	
$ 7 2-Fluorophenol	112	2.677	2.673	0.004	93	555813	11.8	
$ 8 Phenol-d5	99	3.366	3.373	-0.007	0	825022	12.3	
$ 9 Nitrobenzene-d5	82	4.087	4.094	-0.007	84	568178	7.46	
$ 10 2-Fluorobiphenyl (Surr)	172	5.423	5.424	-0.001	99	840234	7.38	
$ 11 2,4,6-Tribromophenol	330	6.501	6.503	-0.002	90	126109	10.6	
$ 12 Terphenyl-d14	244	8.141	8.142	-0.001	98	1003186	8.18	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		1.578					
26 N-Nitrosodimethylamine	74		1.765					
27 Pyridine	79		1.792					
28 Ethyl methacrylate	69		2.032					9
29 3-Chloropropionitrile	54		2.224					
31 2-Picoline	93		2.338					
32 N-Nitrosomethylethylamine	88		2.396					
33 Malononitrile	66		2.411					
34 Methyl methanesulfonate	80		2.610					9
233 n,n'-Dimethylacetamide	44		2.674					
30 3-Picoline	93		2.674					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.914					
37 Ethyl methanesulfonate	79		3.123					
38 2-Methylcyclohexanone	68		3.315					
39 3-Methylcyclohexanone	69		3.342					
41 Benzaldehyde	77		3.346					9
40 4-Methylcyclohexanone	55		3.379					
43 Phenol	94		3.383					9
44 Aniline	93		3.426					9
69 Bis(2-chloroethyl)ether	93		3.458					9
46 2-Chlorophenol	128		3.522					
45 Pentachloroethane	167		3.529					
42 Phenylmercaptan	110		3.596					
47 1,3-Dichlorobenzene	146		3.640					
48 1,4-Dichlorobenzene	146		3.693					
49 Benzyl alcohol	108		3.768					9
50 1,2-Dichlorobenzene	146		3.811					9
51 2-Methylphenol	108		3.848					9
53 2,2'-oxybis[1-chloropropane]	45		3.864					
232 1-Methyl-2-pyrrilidinone	99		3.880					
21 3 & 4 Methylphenol	108		3.960					
57 N-Nitrosodi-n-propylamine	70		3.971					
58 Acetophenone	105		3.976					
56 N-Nitrosopyrrolidine	100		4.009					
59 N-Nitrosomorpholine	56		4.036					9
60 2-Toluidine	106		4.063					
61 Hexachloroethane	117		4.067					
52 Indene	115		4.084					
62 Nitrobenzene	77		4.110					9
63 N-Nitrosopiperidine	114		4.276					
64 Isophorone	82		4.286					9
66 2-Nitrophenol	139		4.350					
65 2,4-Dimethylphenol	107		4.361					
67 1,3,5-Trichlorobenzene	180		4.361					
70 Bis(2-chloroethoxy)methane	93		4.430					
68 o,o',o''-Triethylphosphorothioat	198		4.463					
71 Benzoic acid	122		4.468					
17 4-Chlorophenol	128		4.500					
73 2,4-Dichlorophenol	162		4.526					
24 Catechol	110		4.592					
74 1,2,4-Trichlorobenzene	180		4.596					
75 Naphthalene	128		4.655					
76 4-Chloroaniline	127		4.681					
79 Hexachlorobutadiene	225		4.740					
77 2,6-Dichlorophenol	162		4.752					
80 1,2,3-Trichlorobenzene	180		4.761					
78 Hexachloropropene	213		4.784					
72 alpha,alpha-Dimethyl phenethylam	58		4.848					
15 3-Methylcatechol	124		4.913					
84 Caprolactam	113		4.948					
83 N-Nitrosodi-n-butylamine	84		4.976					9
85 p-Phenylene diamine	108		5.003					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
86 4-Chloro-3-methylphenol	107		5.034					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.142					
87 2-Methylnaphthalene	142		5.162					
88 1-Methylnaphthalene	142		5.237					
89 Hexachlorocyclopentadiene	237		5.280					
90 1,2,3,5-Tetrachlorobenzene	216		5.280					
91 1,2,4,5-Tetrachlorobenzene	216		5.350					
225 Isosafrole Peak 1	162		5.355					
92 2,4,6-Trichlorophenol	196		5.365					
93 2,4,5-Trichlorophenol	196		5.397					
97 2,4-Toluene diamine	121		5.482					9
98 1,1'-Biphenyl	154		5.499					9
99 1,2,3,4 -Tetrachlorobenzene	216		5.499					
100 2-Chloronaphthalene	162		5.525					
227 Isosafrole Peak 2	162		5.526					
102 2-Nitroaniline	65		5.589					9
105 Dimethyl phthalate	163		5.701					
103 1,4-Naphthoquinone	158		5.702					
96 3,4-Dichloronitrobenzene	109		5.725					9
104 1,4-Dinitrobenzene	168		5.729					
107 2,6-Dinitrotoluene	165		5.755					
101 Phenyl ether	170		5.773					
106 1,3-Dinitrobenzene	168		5.788					
108 1,2-Dinitrobenzene	168		5.803					
109 Acenaphthylene	152		5.830					
110 3-Nitroaniline	138		5.883					
112 Acenaphthene	153		5.953					
111 2,4-Dinitrophenol	184		5.963					
113 4-Nitrophenol	109		5.995					9
114 2,4-Dinitrotoluene	165		6.054					
116 Dibenzofuran	168		6.081					
115 Pentachlorobenzene	250		6.114					
118 2,3,5,6-Tetrachlorophenol	232		6.134					
117 1-Naphthylamine	143		6.188					
121 Diethyl phthalate	149		6.209					9
119 2,3,4,6-Tetrachlorophenol	232		6.226					
120 2-Naphthylamine	143		6.247					
123 4-Chlorophenyl phenyl ether	204		6.310					
126 Fluorene	166		6.326					
122 Thionazin	97		6.327					
125 4-Nitroaniline	138		6.332					
128 4,6-Dinitro-2-methylphenol	198		6.353					
124 N-Nitro-o-toluidine	152		6.381					
131 N-Nitrosodiphenylamine	169		6.396					
127 Tributyl phosphate	99		6.402					9
133 Azobenzene	77		6.428					
132 1,2-Diphenylhydrazine	77		6.428					9
130 Diphenylamine	169		6.450					9
134 Sulfotepp	202		6.541					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
135 1,3,5-Trinitrobenzene	213		6.621					
228 Diallate Peak 1	86		6.653					
137 Phenacetin	108		6.658					
139 4-Bromophenyl phenyl ether	248		6.663					
138 Phorate	121		6.664					
230 Diallate Peak 2	86		6.723					
141 Hexachlorobenzene	284		6.738					
142 Atrazine	200		6.764					
140 Dimethoate	87		6.787					
143 Pentachlorophenol	266		6.871					
129 4-Aminobiphenyl	169		6.915					9
144 Pronamide	173		6.942					
145 Pentachloronitrobenzene	237		6.942					
148 Phenanthrene	178		7.026					
146 Disulfoton	88		7.038					9
147 Dinoseb	211		7.043					
149 Anthracene	178		7.063					
151 Carbazole	167		7.170					
152 Methyl parathion	109		7.310					
154 Di-n-butyl phthalate	149		7.379					
155 Ethyl Parathion	97		7.582					9
153 Diphenylsulfone	125		7.616					
156 4-Nitroquinoline-1-oxide	190		7.636					
157 Methapyrilene	58		7.673					
158 Isodrin	66		7.844					
159 Fluoranthene	202		7.891					9
160 Benzidine	184		7.961					
161 Pyrene	202		8.062					9
166 4,4'-DDE	246		8.097					9
226 Aramite Peak 1	185		8.159					
229 Aramite Peak 2	185		8.213					
163 p-Dimethylamino azobenzene	225		8.304					
164 Chlorobenzilate	139		8.325					
165 4,4'-DDD	235		8.375					
168 Butyl benzyl phthalate	149		8.473					9
167 Famphur	218		8.506					
169 3,3'-Dimethylbenzidine	212		8.549					
170 4,4'-DDT	235		8.578					
171 2-Acetylaminofluorene	181		8.741					
172 3,3'-Dimethoxybenzidine	244		8.863					
173 Bis(2-ethylhexyl) phthalate	149	8.884	8.879	0.005	92	20538	0.1678	
174 4,4'-Methylene bis(2-chloroanili	231		8.895					9
175 3,3'-Dichlorobenzidine	252		8.901					
177 Benzo[a]anthracene	228		8.944					9
178 Chrysene	228		8.970					9
176 Hexabromobenzene	232		9.208					
180 Di-n-octyl phthalate	149		9.365					9
179 6-Methylchrysene	242		9.576					
182 Benzo[b]fluoranthene	252		9.830					
183 Benzo[k]fluoranthene	252		9.857					
181 7,12-Dimethylbenz(a)anthracene	256		9.895					
184 Benzo[a]pyrene	252		10.161					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
185 3-Methylcholanthrene	268		10.638					
188 Indeno[1,2,3-cd]pyrene	276		11.577					
189 Dibenz(a,h)anthracene	278		11.577					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
190 Benzo[g,h,i]perylene	276		11.983					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 194 Decane TIC	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 192 Octadecane (TIC)	57		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

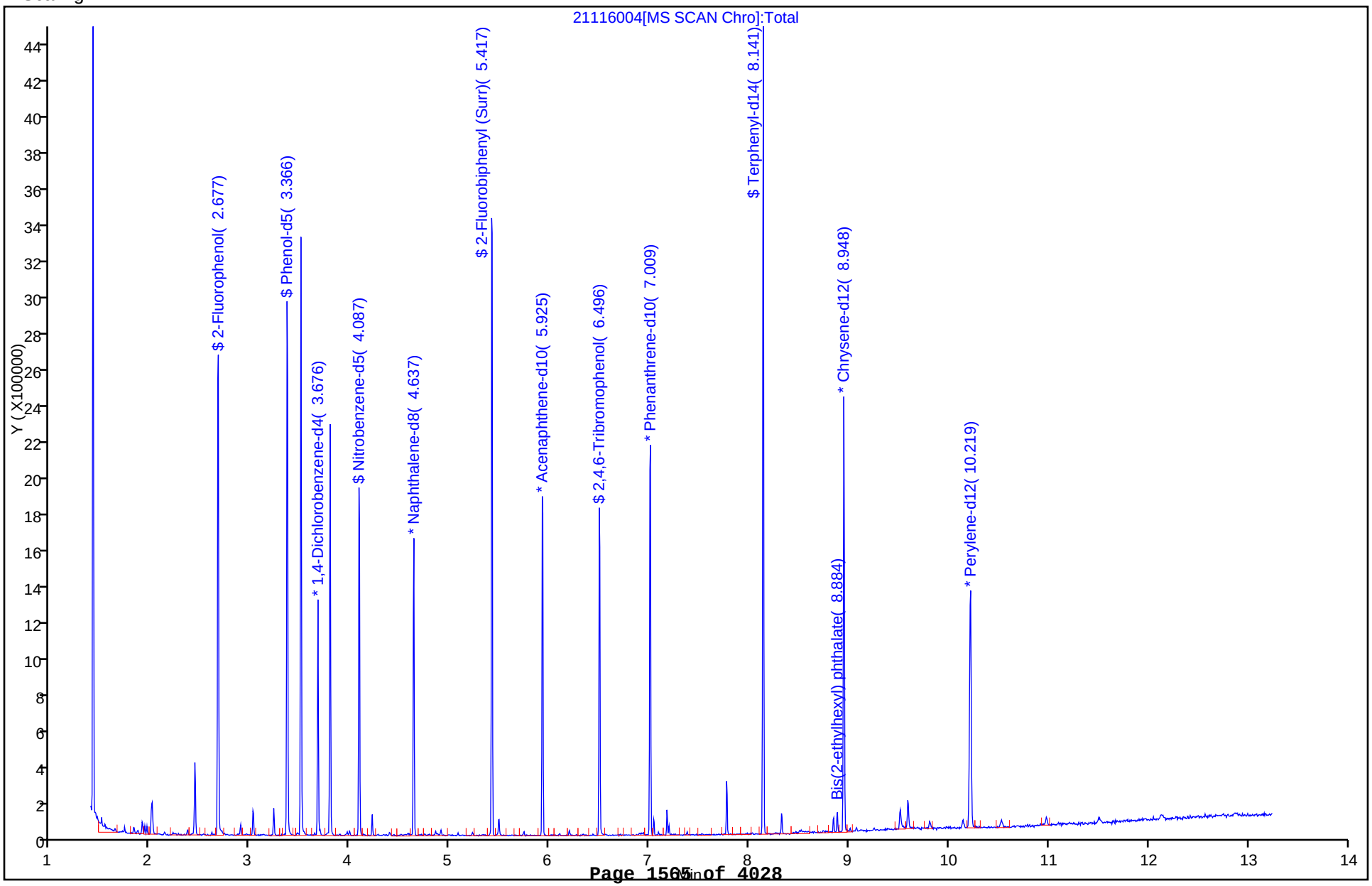
Report Date: 17-Nov-2012 12:48:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116004.D

Injection Date:	16-Nov-2012 10:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65503/22-A

Matrix: Solid | Lab File ID: 21123006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 11/23/2012 11:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	19.8	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27.7	J	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65503/22-A

Matrix: Solid | Lab File ID: 21123006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 11/23/2012 11:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65503/22-A

Matrix: Solid | Lab File ID: 21123006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 11/23/2012 11:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	72		45-105
367-12-4	2-Fluorophenol (Surr)	77		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	78		35-100
1718-51-0	Terphenyl-d14 (Surr)	91		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	77		35-125
4165-62-2	Phenol-d5 (Surr)	77		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123006.D
Lims ID: MB 240-65503/22-A
Client ID:
Inject. Date: 23-Nov-2012 11:28:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015199-006
Misc. Info.: mb 240-65503/22-a
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 6
Lims Batch ID: 66051
Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj
Date: 23-Nov-2012 13:30:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	95	141783	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	536526	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	312549	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	523654	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	97	556923	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	449797	4.00	
$ 7 2-Fluorophenol	112	4.594	4.583	0.011	93	505167	11.5	
$ 8 Phenol-d5	99	5.503	5.503	0.0	95	646833	11.6	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	365869	7.76	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	725054	7.15	
$ 11 2,4,6-Tribromophenol	330	9.135	9.135	0.0	92	149670	11.6	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	98	937112	9.09	
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
24 1,4-Dioxane	88		2.294					
25 N-Nitrosodimethylamine	74		2.738					
26 Pyridine	79		2.786					
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69		3.486					9
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.898					
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.267					9
33 Acrylamide	71	4.385	4.401	-0.016	35	95	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.551	4.536	0.015	0	1188	0	
35 N-Nitrosodiethylamine	102		4.868					9
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.380	5.376	0.004	1	129	0	
38 3-Methylcyclohexanone	69	5.401	5.414	-0.013	1	424	0	
40 Benzaldehyde	77		5.455					9
39 4-Methylcyclohexanone	55	5.460	5.462	-0.002	1	1978	0	
41 Phenol	94		5.514					9
42 Phenylmercaptan	110		5.524					
43 Aniline	93		5.551					9
44 Bis(2-chloroethyl)ether	93		5.605					9
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128		5.658					9
47 1,3-Dichlorobenzene	146		5.802					
48 1,4-Dichlorobenzene	146		5.872					
49 Benzyl alcohol	108		5.968					9
50 1,2-Dichlorobenzene	146		6.011					
51 2-Methylphenol	108		6.059					9
52 2,2'-oxybis[1-chloropropane]	45		6.091					9
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108		6.193					
56 N-Nitrosodi-n-propylamine	70		6.204					
57 Acetophenone	105		6.209					9
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117		6.311					
61 Nitrobenzene	77		6.364					9
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82		6.567					9
65 2-Nitrophenol	139		6.642					
66 1,3,5-Trichlorobenzene	180		6.653					
64 2,4-Dimethylphenol	107		6.658					
69 Benzoic acid	122		6.728					
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93		6.744					
71 2,4-Dichlorophenol	162		6.845					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180		6.926					
73 Naphthalene	128		6.995					9
74 4-Chloroaniline	127		7.033					
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225		7.091					
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180		7.118					
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113		7.316					9
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107		7.428					
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142		7.584					9
86 1-Methylnaphthalene	142		7.669					9
88 Hexachlorocyclopentadiene	237		7.712					
87 1,2,3,5-Tetrachlorobenzene	216		7.712					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196		7.814					
91 2,4,5-Trichlorophenol	196		7.846					
94 2,4-Toluene diamine	121		7.958					9
227 Isosafrole Peak 2	162		7.960					19
96 1,2,3,4 -Tetrachlorobenzene	216		7.969					
95 1,1'-Biphenyl	154		7.974					9
98 2-Chloronaphthalene	162		8.001					
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65		8.076					9
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163		8.215					9
105 2,6-Dinitrotoluene	165		8.273					9
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168		8.322					
107 Acenaphthylene	152		8.354					9
108 3-Nitroaniline	138		8.418					
110 Acenaphthene	153		8.498					9
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					9
112 2,4-Dinitrotoluene	165		8.616					
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168		8.643					9
115 2,3,5,6-Tetrachlorophenol	232		8.701					
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.798	8.803	-0.005	95	39855	0.4153	
120 Thionazin	97		8.901					
121 4-Chlorophenyl phenyl ether	204		8.921					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166		8.931					9
123 4-Nitroaniline	138		8.937					
122 N-Nitro-o-toluidine	152		8.954					9
126 4,6-Dinitro-2-methylphenol	198		8.958					
125 Tributyl phosphate	99		8.992					
130 N-Nitrosodiphenylamine	169		9.017					
128 Diphenylamine	169		9.040					9
131 Azobenzene	77		9.054					
129 1,2-Diphenylhydrazine	77		9.054					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248		9.333					
230 Diallate Peak 2	86		9.356					149
139 Hexachlorobenzene	284		9.397					
138 Dimethoate	87		9.430					
140 Atrazine	200		9.450					
141 Pentachlorophenol	266		9.557					
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178		9.750					9
147 Anthracene	178		9.792					9
149 Carbazole	167		9.916					
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149		10.172					
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202		10.755					9
158 Benzidine	184		10.846					
160 Pyrene	202		10.959					
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149		11.536					9
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.135					
172 4,4'-Methylene bis(2-chloroanili	231		12.173					9
173 3,3'-Dichlorobenzidine	252		12.178					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	80	10682	0.2963	
175 Benzo[a]anthracene	228		12.226					9
176 Chrysene	228		12.274					9
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149		13.082					9
180 Benzo[b]fluoranthene	252		13.702					9
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252		13.745					9
182 Benzo[a]pyrene	252		14.194					
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276		15.906					
187 Dibenz(a,h)anthracene	278		15.933					
188 Benzo[g,h,i]perylene	276		16.334					
S 189 Methyl Phenols,Total	100		0.000					7
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.144	3.050	0.094	11	51	0	
T 194 Octadecane (TIC)	254		6.300					1
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

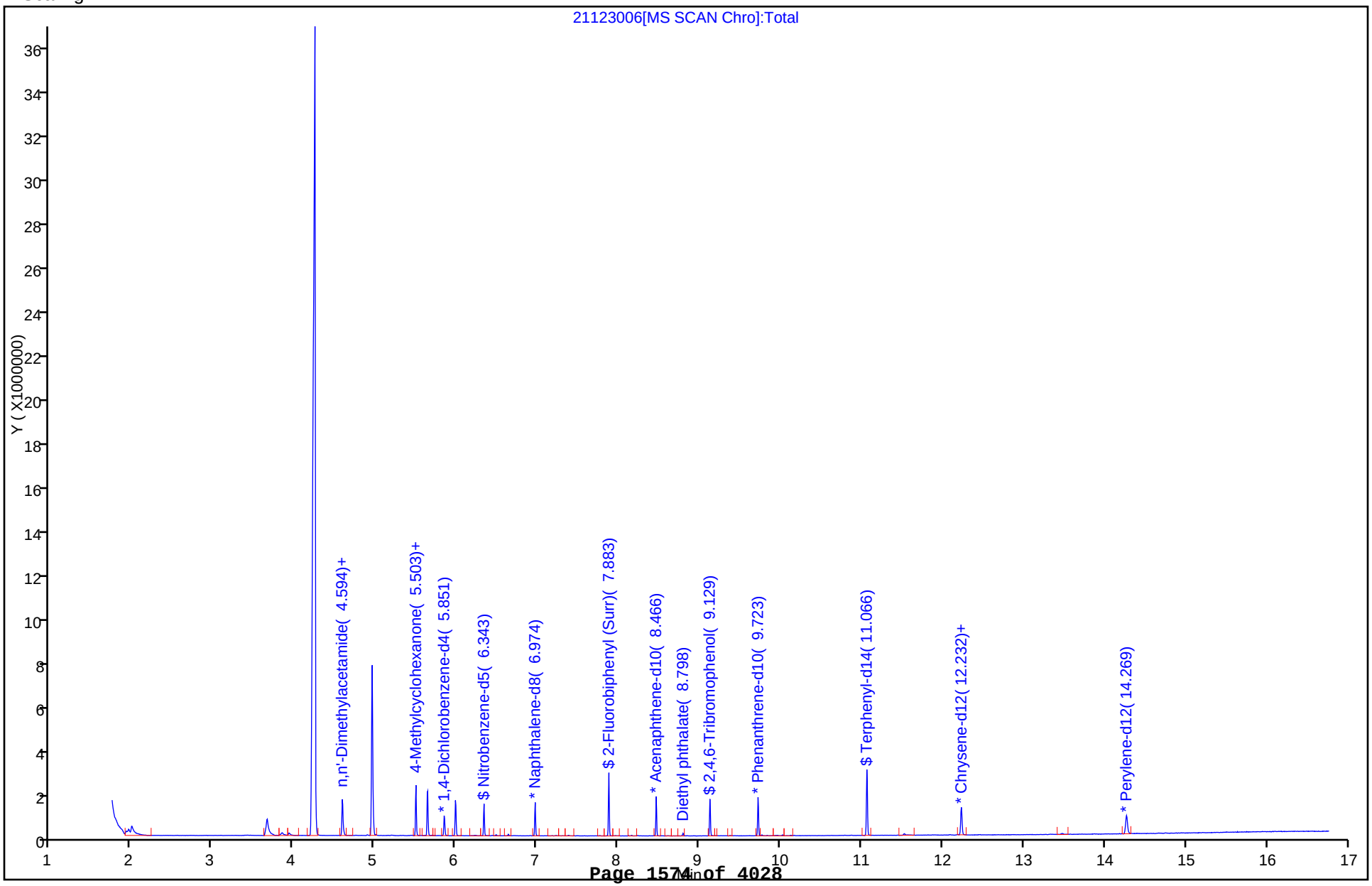
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123006.D

Injection Date:	23-Nov-2012 11:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



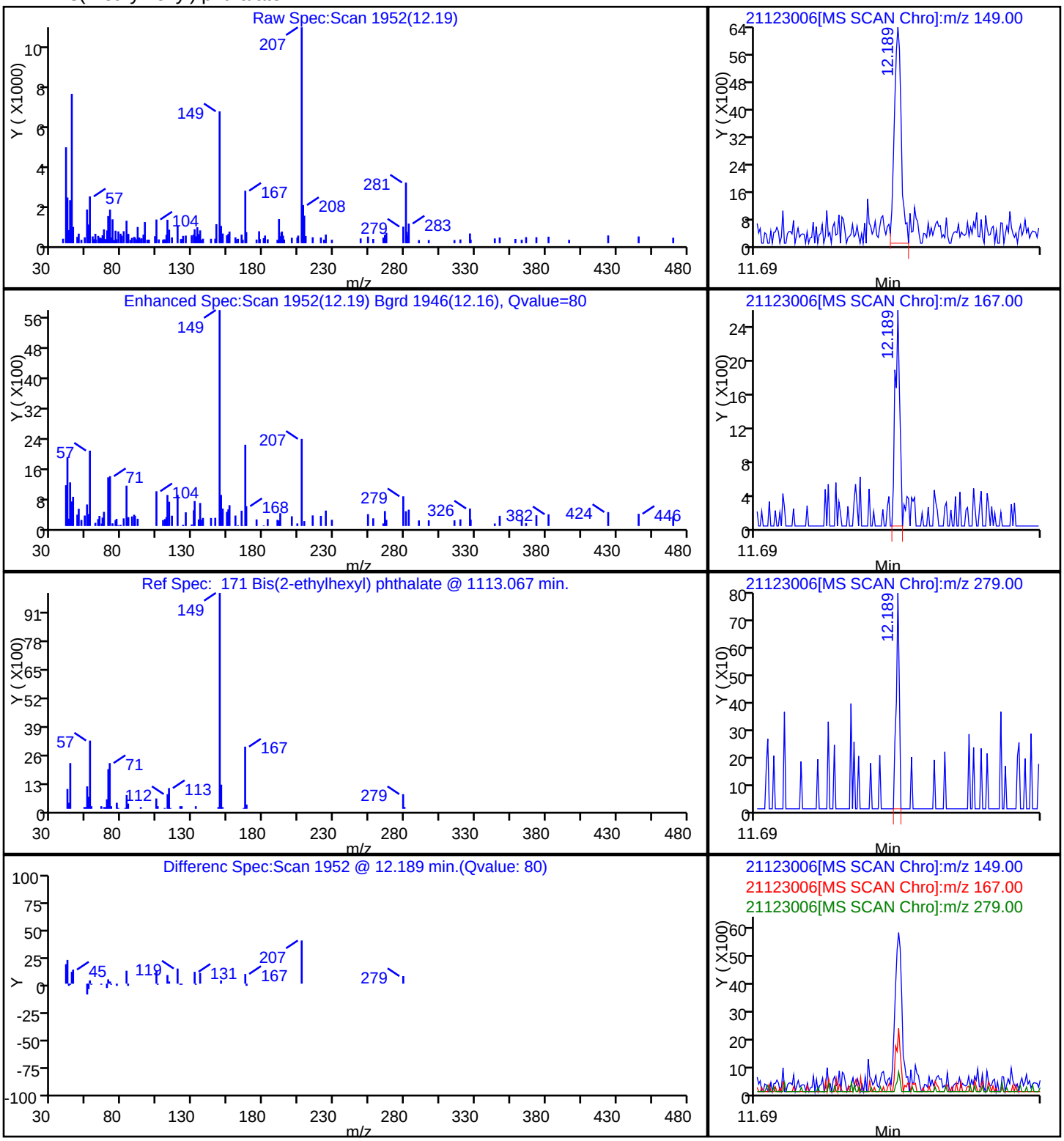
Report Date: 26-Nov-2012 11:33:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123006.D

Injection Date:	23-Nov-2012 11:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



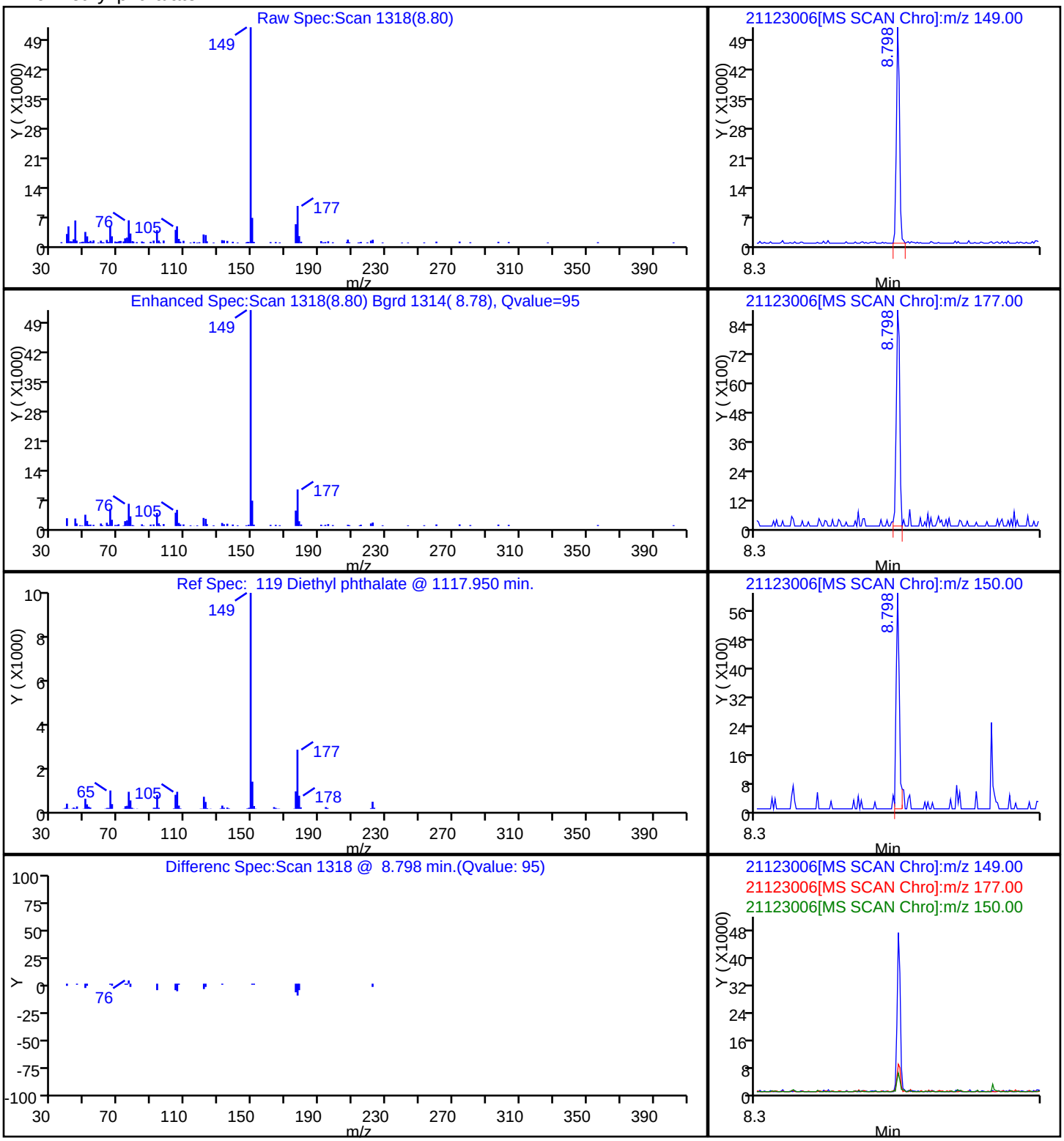
Report Date: 26-Nov-2012 11:33:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123006.D

Injection Date:	23-Nov-2012 11:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

119 Diethyl phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65764/23-A

Matrix: Solid | Lab File ID: 21126004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.00(g) | Date Analyzed: 11/26/2012 11:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	22.1	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65764/23-A

Matrix: Solid | Lab File ID: 21126004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.00(g) | Date Analyzed: 11/26/2012 11:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65764/23-A

Matrix: Solid | Lab File ID: 21126004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.00(g) | Date Analyzed: 11/26/2012 11:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		45-105
367-12-4	2-Fluorophenol (Surr)	70		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	86		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	69		35-125
4165-62-2	Phenol-d5 (Surr)	72		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126004.D
Lims ID: MB 240-65764/23-A
Client ID:
Inject. Date: 26-Nov-2012 11:16:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015260-004
Misc. Info.: mb 240-65764/23-a
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 66246
Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:02:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 26-Nov-2012 12:26:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.838	5.838	0.0	95	134526	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	535023	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	302706	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	97	543673	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	94	536032	4.00	
* 6 Perylene-d12	264	14.251	14.251	0.0	95	435816	4.00	
$ 7 2-Fluorophenol	112	4.576	4.565	0.011	94	438655	10.5	
$ 8 Phenol-d5	99	5.490	5.485	0.005	96	567320	10.7	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	88	326245	6.94	
$ 10 2-Fluorobiphenyl (Surr)	172	7.870	7.876	-0.006	99	626547	6.38	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	90	129681	10.4	
$ 12 Terphenyl-d14	244	11.053	11.053	0.0	98	852371	8.59	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
24 1,4-Dioxane	88		2.254					
25 N-Nitrosodimethylamine	74		2.698					
26 Pyridine	79		2.757					9
232 1-Methyl-2-pyrrilidinone	99	3.233	3.271	-0.038	0	122	0	
27 Ethyl methacrylate	69		3.458					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.870					
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.250					9
33 Acrylamide	71	4.410	4.401	0.009	6	313	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.495	4.536	-0.041	0	1543	0	
35 N-Nitrosodiethylamine	102		4.868					9
36 Ethyl methanesulfonate	79		5.162					
37 2-Methylcyclohexanone	68	5.378	5.376	0.002	14	317	0	
38 3-Methylcyclohexanone	69	5.421	5.414	0.007	1	495	0	
40 Benzaldehyde	77		5.437					9
39 4-Methylcyclohexanone	55	5.442	5.462	-0.020	1	3640	0	
41 Phenol	94		5.501					9
42 Phenylmercaptan	110		5.524					
43 Aniline	93		5.533					9
44 Bis(2-chloroethyl)ether	93		5.592					9
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128		5.646					
47 1,3-Dichlorobenzene	146		5.790					
48 1,4-Dichlorobenzene	146		5.854					
49 Benzyl alcohol	108		5.956					9
50 1,2-Dichlorobenzene	146		5.993					
51 2-Methylphenol	108		6.047					9
52 2,2'-oxybis[1-chloropropane]	45		6.073					9
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108		6.180					
56 N-Nitrosodi-n-propylamine	70		6.191					
57 Acetophenone	105		6.196					
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
60 Hexachloroethane	117		6.298					
61 Nitrobenzene	77		6.346					9
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82		6.555					9
65 2-Nitrophenol	139		6.624					
66 1,3,5-Trichlorobenzene	180		6.635					
64 2,4-Dimethylphenol	107		6.646					
69 Benzoic acid	122		6.715					
68 Bis(2-chloroethoxy)methane	93		6.731					
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162		6.833					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180		6.908					
73 Naphthalene	128		6.983					9
74 4-Chloroaniline	127		7.015					
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225		7.079					
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180		7.100					
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113		7.304					
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107		7.416					
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142		7.571					
86 1-Methylnaphthalene	142		7.657					
88 Hexachlorocyclopentadiene	237		7.699					
87 1,2,3,5-Tetrachlorobenzene	216		7.699					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196		7.801					
91 2,4,5-Trichlorophenol	196		7.833					
94 2,4-Toluene diamine	121		7.945					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.956					9
227 Isosafrole Peak 2	162		7.960					
95 1,1'-Biphenyl	154		7.961					9
98 2-Chloronaphthalene	162		7.988					
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65		8.063					
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163		8.202					9
102 1,4-Dinitrobenzene	168		8.211					
105 2,6-Dinitrotoluene	165		8.261					
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168		8.309					
107 Acenaphthylene	152		8.341					
108 3-Nitroaniline	138		8.405					
110 Acenaphthene	153		8.486					
109 2,4-Dinitrophenol	184		8.491					
111 4-Nitrophenol	109		8.528					
112 2,4-Dinitrotoluene	165		8.598					9
114 Dibenzofuran	168		8.630					
113 Pentachlorobenzene	250		8.633					
115 2,3,5,6-Tetrachlorophenol	232		8.689					
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
119 Diethyl phthalate	149		8.791					9
118 2-Naphthylamine	143		8.799					
120 Thionazin	97		8.901					
121 4-Chlorophenyl phenyl ether	204		8.908					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166		8.919					
123 4-Nitroaniline	138		8.919					
126 4,6-Dinitro-2-methylphenol	198		8.946					
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					
130 N-Nitrosodiphenylamine	169		9.004					
128 Diphenylamine	169		9.040					9
131 Azobenzene	77		9.042					
129 1,2-Diphenylhydrazine	77		9.042					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248		9.320					
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284		9.384					
138 Dimethoate	87		9.430					
140 Atrazine	200		9.432					
141 Pentachlorophenol	266		9.545					
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178		9.732					9
147 Anthracene	178		9.780					9
149 Carbazole	167		9.903					
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149		10.160					
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202		10.737					
158 Benzidine	184		10.834					
160 Pyrene	202		10.941					
164 4,4'-DDE	246		11.005					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.358					
166 Butyl benzyl phthalate	149		11.518					
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.641					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.117					
173 3,3'-Dichlorobenzidine	252		12.155					
172 4,4'-Methylene bis(2-chloroanili	231		12.155					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.171	12.176	-0.005	88	13767	0.3317	
175 Benzo[a]anthracene	228		12.203					9
176 Chrysene	228		12.251					9
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149		13.064					
180 Benzo[b]fluoranthene	252		13.679					9
181 Benzo[k]fluoranthene	252		13.722					9
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252		14.171					9
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276		15.877					
187 Dibenz(a,h)anthracene	278		15.904					
188 Benzo[g,h,i]perylene	276		16.305					
S 189 Methyl Phenols,Total	100		0.000					7
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.153	3.053	0.103	1	60	0	
T 194 Octadecane (TIC)	254	6.309	6.300	0.009	1	70	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

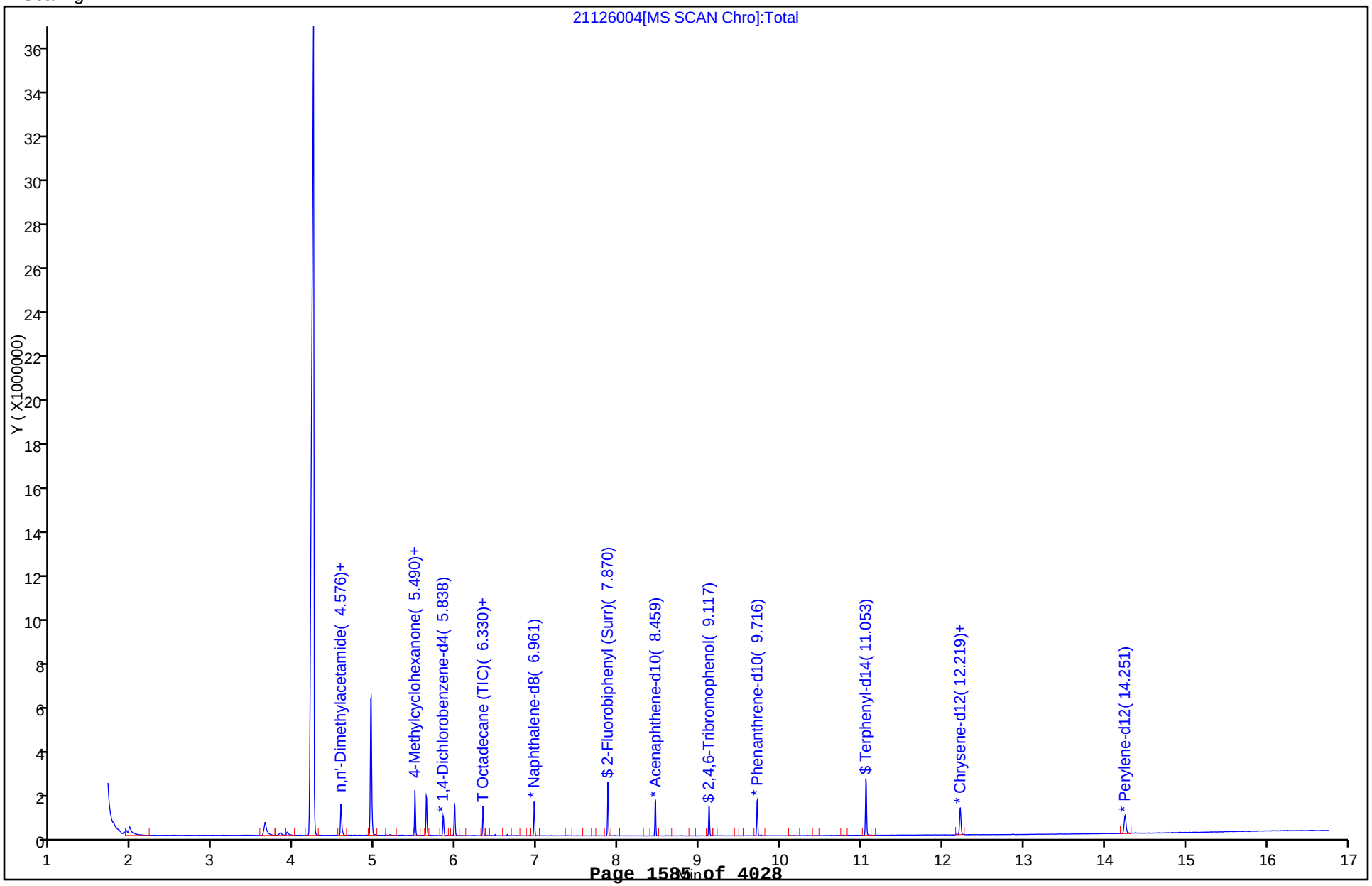
Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 16:06:44 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126004.D		
Injection Date:	26-Nov-2012 11:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



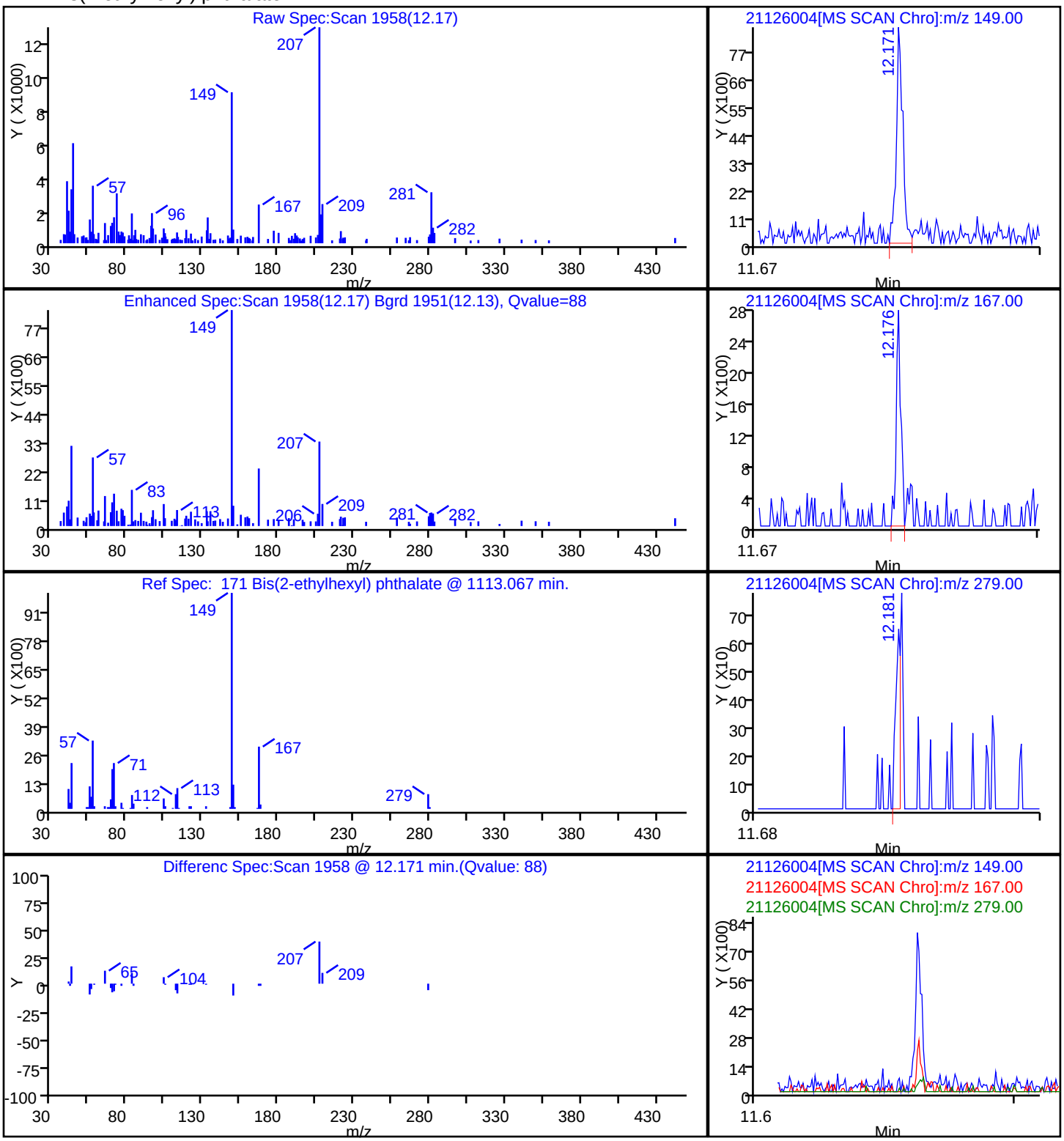
Report Date: 27-Nov-2012 16:06:44 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126004.D

Injection Date:	26-Nov-2012 11:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64920/24-A

Matrix: Water | Lab File ID: 21116005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1000(mL) | Date Analyzed: 11/16/2012 10:40

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	15.8		0.20	0.10	0.10
208-96-8	Acenaphthylene	15.6		0.20	0.10	0.10
120-12-7	Anthracene	15.2		0.20	0.10	0.10
56-55-3	Benzo[a]anthracene	14.1		0.20	0.10	0.10
50-32-8	Benzo[a]pyrene	12.1		0.20	0.10	0.10
205-99-2	Benzo[b]fluoranthene	13.2		0.20	0.10	0.10
191-24-2	Benzo[g,h,i]perylene	14.3		0.20	0.10	0.10
65-85-0	Benzoic acid	11.2	J	25	10	10
207-08-9	Benzo[k]fluoranthene	14.8		0.20	0.10	0.10
100-51-6	Benzyl alcohol	16.7		5.0	0.80	0.38
111-91-1	Bis(2-chloroethoxy)methane	15.7		1.0	0.80	0.32
111-44-4	Bis(2-chloroethyl)ether	17.0		1.0	0.10	0.10
108-60-1	bis (2-chloroisopropyl) ether	16.6		1.0	0.80	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	18.9		2.0	0.80	0.80
101-55-3	4-Bromophenyl phenyl ether	15.8		2.0	0.80	0.80
85-68-7	Butyl benzyl phthalate	14.6		1.0	0.80	0.80
86-74-8	Carbazole	15.5		1.0	0.80	0.28
106-47-8	4-Chloroaniline	13.0		2.0	0.80	0.80
59-50-7	4-Chloro-3-methylphenol	16.1		2.0	0.80	0.80
91-58-7	2-Chloronaphthalene	15.5		1.0	0.10	0.10
95-57-8	2-Chlorophenol	16.9		1.0	0.80	0.29
7005-72-3	4-Chlorophenyl phenyl ether	15.4		2.0	0.80	0.30
218-01-9	Chrysene	15.2		0.20	0.10	0.10
53-70-3	Dibenz(a,h)anthracene	14.8		0.20	0.10	0.10
132-64-9	Dibenzofuran	15.4		1.0	0.10	0.10
106-46-7	1,4-Dichlorobenzene	16.2		1.0	0.80	0.34
95-50-1	1,2-Dichlorobenzene	15.9		1.0	0.80	0.29
541-73-1	1,3-Dichlorobenzene	15.5		1.0	0.80	0.80
91-94-1	3,3'-Dichlorobenzidine	8.65		5.0	0.80	0.37
120-83-2	2,4-Dichlorophenol	16.3		2.0	0.80	0.80
84-66-2	Diethyl phthalate	15.8		1.0	0.80	0.60
105-67-9	2,4-Dimethylphenol	11.7		2.0	0.80	0.80
131-11-3	Dimethyl phthalate	15.8		1.0	0.80	0.29
84-74-2	Di-n-butyl phthalate	15.6		1.0	0.80	0.67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64920/24-A

Matrix: Water | Lab File ID: 21116005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1000(mL) | Date Analyzed: 11/16/2012 10:40

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	15.6		5.0	2.4	2.4
51-28-5	2,4-Dinitrophenol	12.1		5.0	2.4	2.4
121-14-2	2,4-Dinitrotoluene	16.5		5.0	0.80	0.27
606-20-2	2,6-Dinitrotoluene	16.9		5.0	0.80	0.80
117-84-0	Di-n-octyl phthalate	14.4		1.0	0.80	0.80
206-44-0	Fluoranthene	15.8		0.20	0.10	0.10
86-73-7	Fluorene	15.4		0.20	0.10	0.10
118-74-1	Hexachlorobenzene	14.7		0.20	0.10	0.10
87-68-3	Hexachlorobutadiene	14.2		1.0	0.80	0.27
77-47-4	Hexachlorocyclopentadiene	5.64	J	10	0.80	0.80
67-72-1	Hexachloroethane	15.3		1.0	0.80	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	14.5		0.20	0.10	0.10
78-59-1	Isophorone	16.3		1.0	0.80	0.27
91-57-6	2-Methylnaphthalene	15.8		0.20	0.10	0.10
95-48-7	2-Methylphenol	16.6		1.0	0.80	0.80
15831-10-4	3 & 4 Methylphenol	33.4		2.0	0.80	0.80
91-20-3	Naphthalene	15.8		0.20	0.10	0.10
88-74-4	2-Nitroaniline	16.1		2.0	0.80	0.80
99-09-2	3-Nitroaniline	14.8		2.0	0.80	0.28
100-01-6	4-Nitroaniline	16.0		2.0	0.80	0.80
98-95-3	Nitrobenzene	15.9		1.0	0.10	0.040
88-75-5	2-Nitrophenol	16.3		2.0	0.80	0.28
100-02-7	4-Nitrophenol	15.1		5.0	2.4	2.4
621-64-7	N-Nitrosodi-n-propylamine	16.6		1.0	0.80	0.80
86-30-6	N-Nitrosodiphenylamine	15.1		1.0	0.80	0.31
87-86-5	Pentachlorophenol	10.5		5.0	2.4	2.4
85-01-8	Phenanthrene	15.4		0.20	0.10	0.10
108-95-2	Phenol	16.8		1.0	0.80	0.60
129-00-0	Pyrene	14.5		0.20	0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	14.5		1.0	0.80	0.28
95-95-4	2,4,5-Trichlorophenol	15.3		5.0	0.80	0.30
88-06-2	2,4,6-Trichlorophenol	15.7		5.0	0.80	0.80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64920/24-A

Matrix: Water | Lab File ID: 21116005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1000(mL) | Date Analyzed: 11/16/2012 10:40

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	74		50-110
367-12-4	2-Fluorophenol (Surr)	84		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	75		40-110
1718-51-0	Terphenyl-d14 (Surr)	81		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	79		40-125
4165-62-2	Phenol-d5 (Surr)	85		10-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116005.D
Lims ID: LCS 240-64920/24-A Client ID:
Inject. Date: 16-Nov-2012 10:40:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015012-005
Misc. Info.: LCS 240-64920/24-A =LCS 240-64920/24-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 65294 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 11:20:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.674	3.677	-0.003	86	117485	4.00	
* 2 Naphthalene-d8	136	4.636	4.639	-0.003	98	476759	4.00	
* 3 Acenaphthene-d10	164	5.928	5.931	-0.003	74	317597	4.00	
* 4 Phenanthrene-d10	188	7.007	7.010	-0.003	95	576386	4.00	
* 5 Chrysene-d12	240	8.946	8.949	-0.003	76	613814	4.00	
* 6 Perylene-d12	264	10.212	10.215	-0.003	95	504940	4.00	
$ 7 2-Fluorophenol	112	2.676	2.673	0.003	93	555744	12.6	
$ 8 Phenol-d5	99	3.370	3.373	-0.003	0	799108	12.7	
$ 9 Nitrobenzene-d5	82	4.091	4.094	-0.003	82	540556	7.48	
$ 10 2-Fluorobiphenyl (Surr)	172	5.421	5.424	-0.003	99	785861	7.44	
$ 11 2,4,6-Tribromophenol	330	6.500	6.503	-0.003	83	130250	11.8	
$ 12 Terphenyl-d14	244	8.140	8.142	-0.002	98	952296	8.07	
25 1,4-Dioxane	88	1.586	1.578	0.008	79	150224	5.98	
26 N-Nitrosodimethylamine	74	1.762	1.765	-0.003	86	301703	7.34	
27 Pyridine	79	1.800	1.792	0.008	92	66803	1.07	
31 2-Picoline	93	2.275	2.338	-0.063	89	52453	0.8568	
37 Ethyl methanesulfonate	79	3.066	3.123	-0.057	93	341608	7.62	
41 Benzaldehyde	77	3.343	3.346	-0.003	85	435363	8.76	
43 Phenol	94	3.381	3.383	-0.002	93	572151	8.40	
44 Aniline	93	3.423	3.426	-0.003	94	524621	6.11	
69 Bis(2-chloroethyl)ether	93	3.455	3.458	-0.003	96	465078	8.49	
46 2-Chlorophenol	128	3.520	3.522	-0.002	85	336267	8.44	
47 1,3-Dichlorobenzene	146	3.637	3.640	-0.003	83	356224	7.77	
48 1,4-Dichlorobenzene	146	3.690	3.693	-0.003	81	364119	8.09	
49 Benzyl alcohol	108	3.765	3.768	-0.003	85	266905	8.36	
50 1,2-Dichlorobenzene	146	3.808	3.811	-0.003	84	346771	7.96	
51 2-Methylphenol	108	3.845	3.848	-0.003	94	367354	8.30	
53 2,2'-oxybis[1-chloropropane]	45	3.867	3.864	0.003	98	396984	8.28	
21 3 & 4 Methylphenol	108	3.963	3.960	0.003	94	787339	16.7	
57 N-Nitrosodi-n-propylamine	70	3.968	3.971	-0.003	72	395586	8.28	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	3.974	3.976	-0.002	89	590049	8.40	
61 Hexachloroethane	117	4.070	4.067	0.003	89	142212	7.63	
62 Nitrobenzene	77	4.107	4.110	-0.003	75	568052	7.94	
64 Isophorone	82	4.278	4.286	-0.008	95	1026754	8.15	
66 2-Nitrophenol	139	4.347	4.350	-0.003	95	193306	8.14	
65 2,4-Dimethylphenol	107	4.358	4.361	-0.003	94	340626	5.87	
70 Bis(2-chloroethoxy)methane	93	4.428	4.430	-0.002	94	521233	7.84	
71 Benzoic acid	122	4.428	4.468	-0.040	54	134121	5.62	
73 2,4-Dichlorophenol	162	4.524	4.526	-0.002	94	294419	8.15	
74 1,2,4-Trichlorobenzene	180	4.593	4.596	-0.003	86	314602	7.25	
75 Naphthalene	128	4.652	4.655	-0.003	98	978152	7.91	
76 4-Chloroaniline	127	4.679	4.681	-0.002	88	346699	6.51	
79 Hexachlorobutadiene	225	4.743	4.740	0.003	87	182753	7.08	
84 Caprolactam	113	4.935	4.948	-0.013	80	136170	8.16	
86 4-Chloro-3-methylphenol	107	5.031	5.034	-0.003	81	405625	8.05	
82 Quinoline	129		5.099					
94 Safrole, Total	162	5.084	5.142	-0.058	81	276630	8.07	
87 2-Methylnaphthalene	142	5.165	5.162	0.003	84	643213	7.89	
88 1-Methylnaphthalene	142	5.239	5.237	0.002	79	612888	7.93	
89 Hexachlorocyclopentadiene	237	5.282	5.280	0.002	95	89450	2.82	
92 2,4,6-Trichlorophenol	196	5.368	5.365	0.003	86	241954	7.87	
93 2,4,5-Trichlorophenol	196	5.394	5.397	-0.003	93	251071	7.63	
98 1,1'-Biphenyl	154	5.496	5.499	-0.002	96	793569	7.42	
100 2-Chloronaphthalene	162	5.522	5.525	-0.003	96	664252	7.73	
102 2-Nitroaniline	65	5.587	5.589	-0.002	72	294606	8.04	
105 Dimethyl phthalate	163	5.704	5.701	0.003	96	799583	7.92	
104 1,4-Dinitrobenzene	168	5.677	5.729	-0.052	85	129822	8.85	
107 2,6-Dinitrotoluene	165	5.752	5.755	-0.003	68	195790	8.44	
106 1,3-Dinitrobenzene	168	5.736	5.788	-0.052	80	142144	8.79	
108 1,2-Dinitrobenzene	168	5.800	5.803	-0.003	81	98313	8.41	
109 Acenaphthylene	152	5.827	5.830	-0.003	87	1064930	7.82	
110 3-Nitroaniline	138	5.880	5.883	-0.003	85	176571	7.38	
112 Acenaphthene	153	5.955	5.953	0.003	94	662735	7.88	
111 2,4-Dinitrophenol	184	5.960	5.963	-0.003	67	103413	6.04	
113 4-Nitrophenol	109	5.992	5.995	-0.003	88	131675	7.57	
114 2,4-Dinitrotoluene	165	6.051	6.054	-0.003	82	259084	8.25	
116 Dibenzofuran	168	6.078	6.081	-0.003	83	950306	7.72	
118 2,3,5,6-Tetrachlorophenol	232	6.131	6.134	-0.003	88	191951	7.21	
121 Diethyl phthalate	149	6.206	6.209	-0.003	96	785242	7.89	
119 2,3,4,6-Tetrachlorophenol	232	6.163	6.226	-0.063	67	201378	8.25	
123 4-Chlorophenyl phenyl ether	204	6.308	6.310	-0.002	91	419319	7.71	
126 Fluorene	166	6.324	6.326	-0.002	71	803391	7.72	
125 4-Nitroaniline	138	6.324	6.332	-0.008	60	204863	7.98	
128 4,6-Dinitro-2-methylphenol	198	6.350	6.353	-0.003	85	170491	7.82	
131 N-Nitrosodiphenylamine	169	6.393	6.396	-0.003	98	602924	7.56	
133 Azobenzene	77	6.425	6.428	-0.003	96	1122984	7.65	
132 1,2-Diphenylhydrazine	77	6.425	6.428	-0.003	98	1122984	7.65	
137 Phenacetin	108	6.596	6.658	-0.062	82	456984	7.99	
139 4-Bromophenyl phenyl ether	248	6.665	6.663	0.002	63	230129	7.89	
138 Phorate	121	6.596	6.664	-0.068	86	150800	7.12	
141 Hexachlorobenzene	284	6.735	6.738	-0.003	83	205446	7.36	
142 Atrazine	200	6.762	6.764	-0.002	88	256751	9.31	

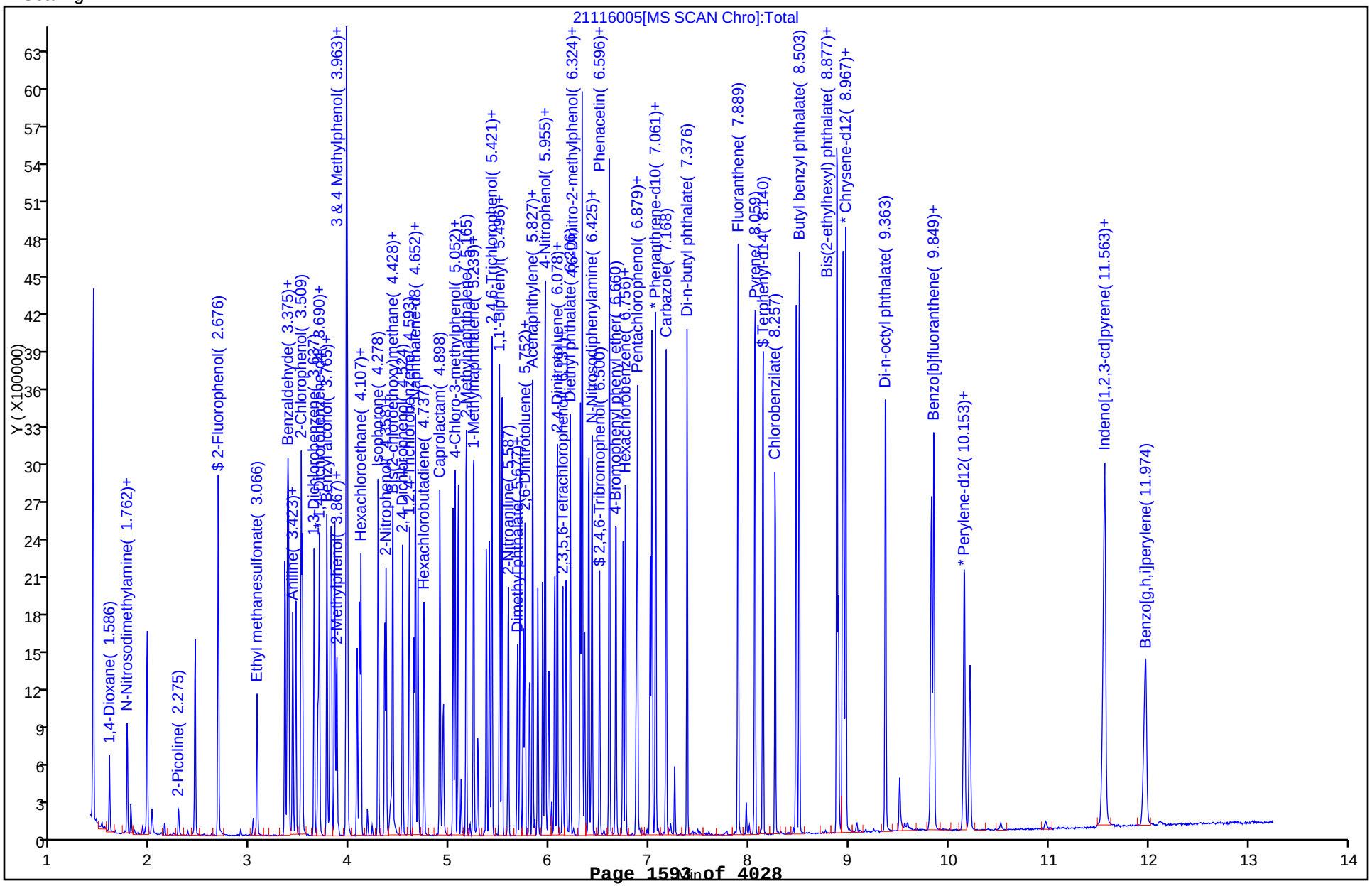
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	6.868	6.871	-0.003	87	104821	5.23	
144 Pronamide	173	6.879	6.942	-0.063	84	370636	8.04	
148 Phenanthrene	178	7.023	7.026	-0.003	87	1188744	7.72	
149 Anthracene	178	7.061	7.063	-0.002	87	1207769	7.59	
151 Carbazole	167	7.168	7.170	-0.002	82	1085288	7.76	
154 Di-n-butyl phthalate	149	7.376	7.379	-0.003	100	1363121	7.82	
159 Fluoranthene	202	7.889	7.891	-0.002	98	1428555	7.91	
161 Pyrene	202	8.059	8.062	-0.003	96	1416376	7.26	
164 Chlorobenzilate	139	8.257	8.325	-0.068	90	376420	7.47	
168 Butyl benzyl phthalate	149	8.471	8.473	-0.002	93	611407	7.30	
173 Bis(2-ethylhexyl) phthalate	149	8.882	8.879	0.003	95	1112150	9.45	
175 3,3'-Dichlorobenzidine	252	8.893	8.901	-0.008	53	291065	4.33	
177 Benzo[a]anthracene	228	8.935	8.944	-0.009	89	1363026	7.07	
178 Chrysene	228	8.967	8.970	-0.003	93	1306317	7.60	
180 Di-n-octyl phthalate	149	9.368	9.365	0.003	98	1467712	7.19	
182 Benzo[b]fluoranthene	252	9.827	9.830	-0.003	84	1238486	6.62	
183 Benzo[k]fluoranthene	252	9.849	9.857	-0.008	89	1273890	7.42	
184 Benzo[a]pyrene	252	10.158	10.161	-0.003	77	985349	6.07	
188 Indeno[1,2,3-cd]pyrene	276	11.563	11.577	-0.014	90	1215399	7.24	
189 Dibenz(a,h)anthracene	278	11.563	11.577	-0.014	65	1036934	7.39	
190 Benzo[g,h,i]perylene	276	11.974	11.983	-0.009	90	1010715	7.16	

Report Date: 17-Nov-2012 12:48:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116005.D		
Injection Date:	16-Nov-2012 10:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65503/23-A

Matrix: Solid | Lab File ID: 21123007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 11/23/2012 11:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	492		6.7	3.3	3.3
208-96-8	Acenaphthylene	501		6.7	3.3	3.3
120-12-7	Anthracene	523		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	511		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	461		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	533		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	588		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	502		6.7	3.3	3.3
100-51-6	Benzyl alcohol	488		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	466		100	27	22
111-44-4	Bis(2-chloroethyl)ether	460		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	448		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	521		50	27	19
101-55-3	4-Bromophenyl phenyl ether	549		50	27	13
85-68-7	Butyl benzyl phthalate	522		50	27	10
86-74-8	Carbazole	533		50	27	27
106-47-8	4-Chloroaniline	361		150	27	17
59-50-7	4-Chloro-3-methylphenol	531		150	27	21
91-58-7	2-Chloronaphthalene	481		50	3.3	3.3
95-57-8	2-Chlorophenol	466		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	518		50	27	13
218-01-9	Chrysene	533		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	529		6.7	3.3	3.3
132-64-9	Dibenzofuran	485		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	433		50	27	20
95-50-1	1,2-Dichlorobenzene	429		50	27	9.7
541-73-1	1,3-Dichlorobenzene	415		50	27	11
91-94-1	3,3'-Dichlorobenzidine	309		100	80	18
120-83-2	2,4-Dichlorophenol	510		150	27	20
84-66-2	Diethyl phthalate	535		50	27	16
105-67-9	2,4-Dimethylphenol	379		150	80	20
131-11-3	Dimethyl phthalate	535		50	27	17
84-74-2	Di-n-butyl phthalate	558		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65503/23-A

Matrix: Solid | Lab File ID: 21123007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 11/23/2012 11:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	459		150	80	80
51-28-5	2,4-Dinitrophenol	389		330	80	80
121-14-2	2,4-Dinitrotoluene	536		200	27	27
606-20-2	2,6-Dinitrotoluene	544		200	27	21
117-84-0	Di-n-octyl phthalate	526		50	27	27
206-44-0	Fluoranthene	545		6.7	3.3	3.3
86-73-7	Fluorene	500		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	505		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	427		50	27	27
77-47-4	Hexachlorocyclopentadiene	401		330	27	27
67-72-1	Hexachloroethane	418		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	538		6.7	3.3	3.3
78-59-1	Isophorone	499		50	27	13
91-57-6	2-Methylnaphthalene	474		6.7	3.3	3.3
95-48-7	2-Methylphenol	481		200	80	80
15831-10-4	3 & 4 Methylphenol	997		400	80	20
91-20-3	Naphthalene	449		6.7	3.3	3.3
88-74-4	2-Nitroaniline	557		200	27	9.1
99-09-2	3-Nitroaniline	478		200	80	16
100-01-6	4-Nitroaniline	531		200	27	26
98-95-3	Nitrobenzene	461		100	3.3	2.2
88-75-5	2-Nitrophenol	512		50	27	27
100-02-7	4-Nitrophenol	525		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	484		50	27	27
86-30-6	N-Nitrosodiphenylamine	514		50	27	21
87-86-5	Pentachlorophenol	372		150	80	80
85-01-8	Phenanthrene	507		6.7	3.3	3.3
108-95-2	Phenol	499		50	27	27
129-00-0	Pyrene	494		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	436		50	27	27
95-95-4	2,4,5-Trichlorophenol	513		150	27	25
88-06-2	2,4,6-Trichlorophenol	517		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65503/23-A

Matrix: Solid | Lab File ID: 21123007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 30.00(g) | Date Analyzed: 11/23/2012 11:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	68		45-105
367-12-4	2-Fluorophenol (Surr)	69		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	78		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125
4165-62-2	Phenol-d5 (Surr)	74		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123007.D
Lims ID: LCS 240-65503/23-A Client ID:
Inject. Date: 23-Nov-2012 11:51:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015199-007
Misc. Info.: lcs 240-65503/23-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 66051 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 23-Nov-2012 13:31:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	96	144956	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	567734	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	93	328018	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	574291	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	97	615093	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	92	503783	4.00	
$ 7 2-Fluorophenol	112	4.594	4.583	0.011	93	462492	10.3	
$ 8 Phenol-d5	99	5.503	5.503	0.0	96	631829	11.1	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	88	346383	6.94	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	723166	6.80	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	93	153878	11.3	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	99	883756	7.76	
24 1,4-Dioxane	88	2.278	2.294	-0.016	97	40988	2.44	M
25 N-Nitrosodimethylamine	74	2.727	2.738	-0.011	89	184089	6.49	
26 Pyridine	79	2.781	2.786	-0.005	95	222147	4.61	
30 2-Picoline	93	3.904	3.964	-0.060	95	267987	5.28	
36 Ethyl methanesulfonate	79	5.123	5.162	-0.039	98	228300	6.37	
40 Benzaldehyde	77	5.450	5.455	-0.005	92	251239	6.65	
41 Phenol	94	5.514	5.514	0.0	98	453836	7.48	
43 Aniline	93	5.551	5.551	0.0	98	349930	4.61	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	95	323341	6.90	
46 2-Chlorophenol	128	5.658	5.658	0.0	92	342778	7.00	
47 1,3-Dichlorobenzene	146	5.803	5.802	0.001	96	328719	6.22	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	91	340950	6.50	
49 Benzyl alcohol	108	5.968	5.968	0.0	90	220834	7.31	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	321631	6.43	
51 2-Methylphenol	108	6.059	6.059	0.0	95	318656	7.21	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	91	462450	6.73	
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	93	692852	14.9	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	85	238489	7.26	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.204	6.209	-0.005	87	423004	6.46	
60 Hexachloroethane	117	6.311	6.311	0.0	92	133739	6.27	
61 Nitrobenzene	77	6.359	6.364	-0.005	83	357029	6.92	
63 Isophorone	82	6.562	6.567	-0.005	97	677812	7.49	
65 2-Nitrophenol	139	6.637	6.642	-0.005	95	186436	7.68	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	94	271425	5.69	
69 Benzoic acid	122	6.690	6.728	-0.038	76	36083	2.51	
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	99	402141	6.99	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	96	288267	7.64	
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	93	294439	6.55	
73 Naphthalene	128	6.990	6.995	-0.005	96	955185	6.73	
74 4-Chloroaniline	127	7.027	7.033	-0.006	85	327469	5.42	
77 Hexachlorobutadiene	225	7.092	7.091	0.001	93	155941	6.40	
80 Quinoline	129	7.273	7.300	-0.027	97	643627	7.72	
83 Caprolactam	113	7.306	7.316	-0.010	73	108414	7.47	
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	94	322487	7.96	
93 Safrole, Total	162	7.493	7.521	-0.028	89	241978	6.85	
85 2-Methylnaphthalene	142	7.584	7.584	0.0	92	644506	7.10	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	91	619682	7.18	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	91	160047	6.02	
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	89	214306	7.75	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	94	229098	7.69	
95 1,1'-Biphenyl	154	7.969	7.974	-0.005	95	774742	6.69	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	96	653563	7.22	
100 2-Nitroaniline	65	8.070	8.076	-0.006	82	222072	8.35	
102 1,4-Dinitrobenzene	168	8.183	8.211	-0.028	90	114713	8.26	
103 Dimethyl phthalate	163	8.209	8.215	-0.006	99	772435	8.02	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	95	178949	8.17	
104 1,3-Dinitrobenzene	168	8.247	8.275	-0.028	88	140861	8.48	
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	88	89225	8.35	
107 Acenaphthylene	152	8.354	8.354	0.0	91	1125531	7.52	
108 3-Nitroaniline	138	8.418	8.418	0.0	95	172908	7.17	
110 Acenaphthene	153	8.498	8.498	0.0	94	663458	7.37	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	72	61249	5.83	
111 4-Nitrophenol	109	8.536	8.536	0.0	94	109351	7.87	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	88	237110	8.04	
114 Dibenzofuran	168	8.637	8.643	-0.006	89	971896	7.28	
115 2,3,5,6-Tetrachlorophenol	232	8.702	8.701	0.001	91	156583	6.38	
117 2,3,4,6-Tetrachlorophenol	232	8.734	8.762	-0.028	72	168452	7.23	
119 Diethyl phthalate	149	8.798	8.803	-0.005	97	808580	8.03	
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	90	393852	7.76	
124 Fluorene	166	8.931	8.931	0.0	82	804845	7.51	
123 4-Nitroaniline	138	8.931	8.937	-0.006	50	209237	7.97	
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	86	125441	6.89	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	611145	7.72	
131 Azobenzene	77	9.049	9.054	-0.005	99	842349	7.54	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	842349	7.54	
135 Phenacetin	108	9.252	9.281	-0.029	92	379106	8.05	
136 Phorate	121	9.258	9.286	-0.028	93	144186	8.08	
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	60	241298	8.24	
139 Hexachlorobenzene	284	9.391	9.397	-0.006	85	228390	7.57	
140 Atrazine	200	9.445	9.450	-0.005	92	216091	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.552	9.557	-0.005	88	106552	5.57	
142 Pronamide	173	9.579	9.607	-0.028	90	327313	7.41	
146 Phenanthrene	178	9.744	9.750	-0.006	97	1194350	7.61	
147 Anthracene	178	9.787	9.792	-0.005	97	1222280	7.84	
149 Carbazole	167	9.910	9.916	-0.006	82	1211795	8.00	
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1423642	8.37	
157 Fluoranthene	202	10.750	10.755	-0.005	97	1416459	8.17	
160 Pyrene	202	10.953	10.959	-0.005	98	1455323	7.41	
162 Chlorobenzilate	139	11.231	11.265	-0.034	92	357741	6.75	
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	97	626111	7.82	
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	67	308400	4.63	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	884077	7.81	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	98	1315656	7.66	
176 Chrysene	228	12.269	12.274	-0.005	94	1307149	7.99	
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	99	1417944	7.89	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	95	1284467	7.99	
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.010	99	1313715	7.52	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	76	1134068	6.92	
186 Indeno[1,2,3-cd]pyrene	276	15.901	15.906	-0.005	97	1462619	8.06	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	75	1226885	7.93	
188 Benzo[g,h,i]perylene	276	16.329	16.334	-0.005	95	1272520	8.82	

QC Flag Legend

Review Flags
M - Manually Integrated

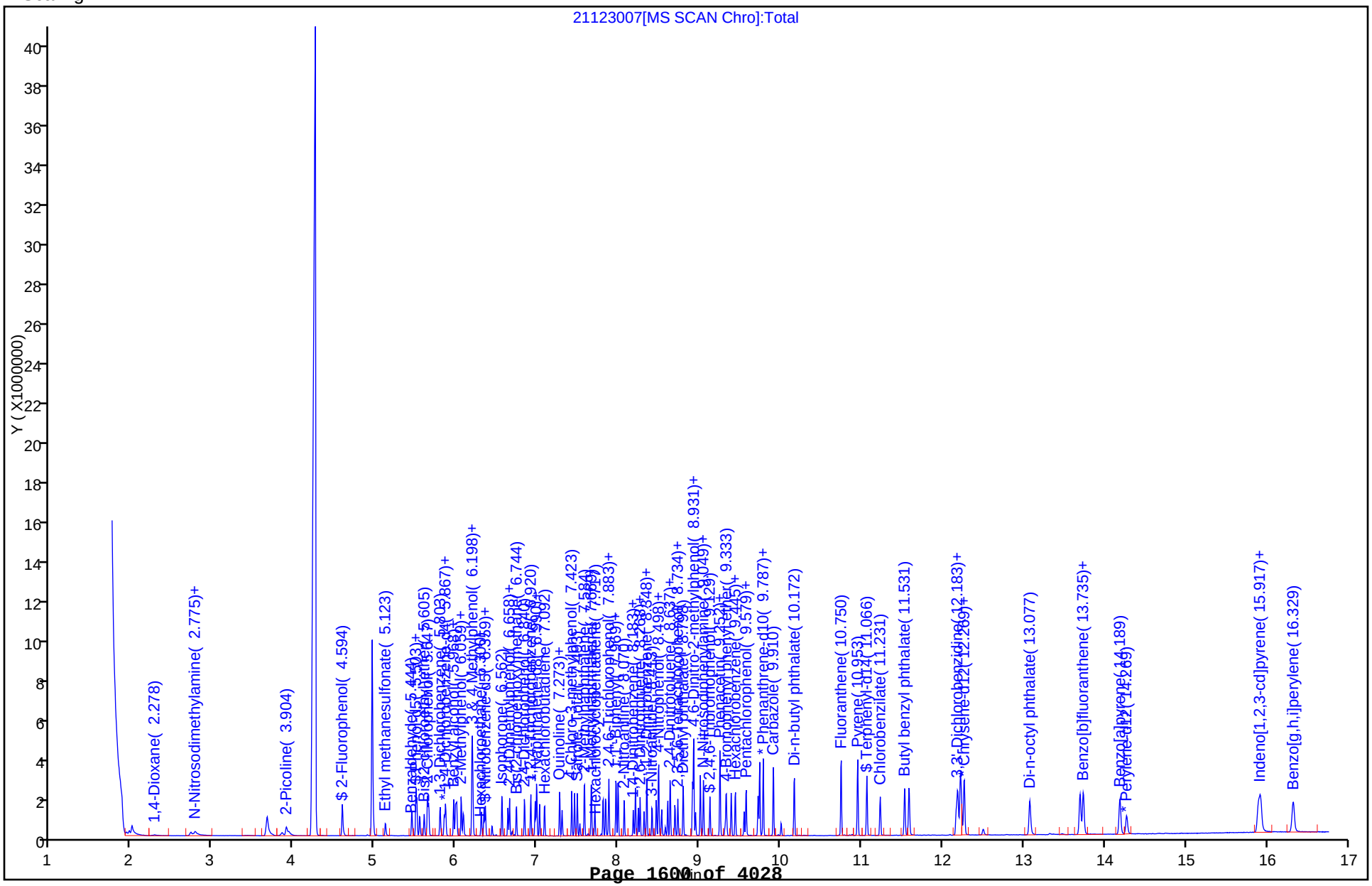
Report Date: 26-Nov-2012 11:33:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123007.D

Injection Date:	23-Nov-2012 11:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65764/24-A

Matrix: Solid | Lab File ID: 21126005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.00(g) | Date Analyzed: 11/26/2012 11:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	459		6.7	3.3	3.3
208-96-8	Acenaphthylene	458		6.7	3.3	3.3
120-12-7	Anthracene	509		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	498		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	454		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	528		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	540		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	498		6.7	3.3	3.3
100-51-6	Benzyl alcohol	462		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	445		100	27	22
111-44-4	Bis(2-chloroethyl)ether	436		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	450		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	513		50	27	19
101-55-3	4-Bromophenyl phenyl ether	532		50	27	13
85-68-7	Butyl benzyl phthalate	508		50	27	10
86-74-8	Carbazole	522		50	27	27
106-47-8	4-Chloroaniline	325		150	27	17
59-50-7	4-Chloro-3-methylphenol	506		150	27	21
91-58-7	2-Chloronaphthalene	447		50	3.3	3.3
95-57-8	2-Chlorophenol	445		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	497		50	27	13
218-01-9	Chrysene	525		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	501		6.7	3.3	3.3
132-64-9	Dibenzofuran	453		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	432		50	27	20
95-50-1	1,2-Dichlorobenzene	440		50	27	9.7
541-73-1	1,3-Dichlorobenzene	410		50	27	11
91-94-1	3,3'-Dichlorobenzidine	332		100	80	18
120-83-2	2,4-Dichlorophenol	479		150	27	20
84-66-2	Diethyl phthalate	514		50	27	16
105-67-9	2,4-Dimethylphenol	340		150	80	20
131-11-3	Dimethyl phthalate	500		50	27	17
84-74-2	Di-n-butyl phthalate	558		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65764/24-A

Matrix: Solid | Lab File ID: 21126005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.00(g) | Date Analyzed: 11/26/2012 11:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	469		150	80	80
51-28-5	2,4-Dinitrophenol	441		330	80	80
121-14-2	2,4-Dinitrotoluene	530		200	27	27
606-20-2	2,6-Dinitrotoluene	512		200	27	21
117-84-0	Di-n-octyl phthalate	505		50	27	27
206-44-0	Fluoranthene	540		6.7	3.3	3.3
86-73-7	Fluorene	476		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	511		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	427		50	27	27
77-47-4	Hexachlorocyclopentadiene	414		330	27	27
67-72-1	Hexachloroethane	423		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	508		6.7	3.3	3.3
78-59-1	Isophorone	482		50	27	13
91-57-6	2-Methylnaphthalene	458		6.7	3.3	3.3
95-48-7	2-Methylphenol	427		200	80	80
15831-10-4	3 & 4 Methylphenol	909		400	80	20
91-20-3	Naphthalene	446		6.7	3.3	3.3
88-74-4	2-Nitroaniline	532		200	27	9.1
99-09-2	3-Nitroaniline	488		200	80	16
100-01-6	4-Nitroaniline	497		200	27	26
98-95-3	Nitrobenzene	473		100	3.3	2.2
88-75-5	2-Nitrophenol	487		50	27	27
100-02-7	4-Nitrophenol	518		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	470		50	27	27
86-30-6	N-Nitrosodiphenylamine	518		50	27	21
87-86-5	Pentachlorophenol	395		150	80	80
85-01-8	Phenanthrene	488		6.7	3.3	3.3
108-95-2	Phenol	454		50	27	27
129-00-0	Pyrene	488		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	429		50	27	27
95-95-4	2,4,5-Trichlorophenol	497		150	27	25
88-06-2	2,4,6-Trichlorophenol	473		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65764/24-A

Matrix: Solid | Lab File ID: 21126005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.00(g) | Date Analyzed: 11/26/2012 11:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		45-105
367-12-4	2-Fluorophenol (Surr)	69		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	82		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	70		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126005.D
Lims ID: LCS 240-65764/24-A Client ID:
Inject. Date: 26-Nov-2012 11:39:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015260-005
Misc. Info.: lcs 240-65764/24-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 66246 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:02:07 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj Date: 26-Nov-2012 12:27:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.838	5.838	0.0	96	142438	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	543490	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	89	319124	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	540897	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	92	575121	4.00	
* 6 Perylene-d12	264	14.251	14.251	0.0	92	480759	4.00	
$ 7 2-Fluorophenol	112	4.581	4.565	0.016	91	453145	10.3	
$ 8 Phenol-d5	99	5.490	5.485	0.005	96	582939	10.4	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	90	328795	6.88	
$ 10 2-Fluorobiphenyl (Surr)	172	7.871	7.876	-0.005	99	658046	6.36	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	93	155515	11.8	
$ 12 Terphenyl-d14	244	11.053	11.053	0.0	99	878564	8.25	
24 1,4-Dioxane	88	2.244	2.254	-0.010	92	52792	3.19	
25 N-Nitrosodimethylamine	74	2.693	2.698	-0.005	87	168843	6.08	
26 Pyridine	79	2.747	2.757	-0.010	93	239760	5.06	
30 2-Picoline	93	3.886	3.964	-0.078	94	283442	5.68	
36 Ethyl methanesulfonate	79	5.111	5.162	-0.051	98	225750	6.41	
40 Benzaldehyde	77	5.437	5.437	0.0	92	256078	6.90	
41 Phenol	94	5.501	5.501	0.0	99	405878	6.81	
43 Aniline	93	5.539	5.533	0.006	96	297045	3.99	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	95	300767	6.53	
46 2-Chlorophenol	128	5.646	5.646	0.0	93	321439	6.68	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	96	319381	6.15	
48 1,4-Dichlorobenzene	146	5.854	5.854	0.0	92	334270	6.48	
49 Benzyl alcohol	108	5.956	5.956	0.0	91	205453	6.92	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	94	324219	6.60	
51 2-Methylphenol	108	6.052	6.047	0.005	95	278561	6.41	
52 2,2'-oxybis[1-chloropropane]	45	6.073	6.073	0.0	90	456083	6.75	
191 3 & 4 Methylphenol	108	6.186	6.180	0.006	90	621049	13.6	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	86	227301	7.05	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.196	6.196	0.0	95	409977	6.37	
60 Hexachloroethane	117	6.298	6.298	0.0	93	132859	6.34	
61 Nitrobenzene	77	6.346	6.346	0.0	84	350070	7.09	
63 Isophorone	82	6.555	6.555	0.0	97	626682	7.23	
65 2-Nitrophenol	139	6.624	6.624	0.0	95	169619	7.30	
64 2,4-Dimethylphenol	107	6.646	6.646	0.0	87	233320	5.11	
69 Benzoic acid	122	6.683	6.715	-0.032	85	34689	2.51	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	99	367703	6.68	
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	94	259272	7.18	
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	93	276802	6.43	
73 Naphthalene	128	6.983	6.983	0.0	95	909406	6.70	
74 4-Chloroaniline	127	7.015	7.015	0.0	84	282636	4.88	
77 Hexachlorobutadiene	225	7.079	7.079	0.0	92	149495	6.41	
80 Quinoline	129	7.266	7.300	-0.034	97	599523	7.51	
83 Caprolactam	113	7.293	7.304	-0.011	75	99245	7.14	
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	95	294147	7.58	
93 Safrole, Total	162	7.485	7.521	-0.036	88	224715	6.64	
85 2-Methylnaphthalene	142	7.571	7.571	0.0	90	596471	6.87	
86 1-Methylnaphthalene	142	7.657	7.657	0.0	90	561229	6.79	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	86	160600	6.21	
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	92	191005	7.10	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	95	216152	7.46	
95 1,1'-Biphenyl	154	7.961	7.961	0.0	93	726026	6.44	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	591028	6.71	
100 2-Nitroaniline	65	8.063	8.063	0.0	82	206381	7.98	
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	702846	7.50	
102 1,4-Dinitrobenzene	168	8.175	8.211	-0.036	92	106490	7.92	
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	83	163250	7.68	
104 1,3-Dinitrobenzene	168	8.234	8.275	-0.041	83	124645	7.76	
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	89	85309	8.20	
107 Acenaphthylene	152	8.341	8.341	0.0	92	999126	6.86	
108 3-Nitroaniline	138	8.405	8.405	0.0	94	171656	7.32	
110 Acenaphthene	153	8.486	8.486	0.0	92	602848	6.89	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	69	72629	6.61	
111 4-Nitrophenol	109	8.523	8.528	-0.005	95	105012	7.77	
112 2,4-Dinitrotoluene	165	8.598	8.598	0.0	91	227945	7.95	
114 Dibenzofuran	168	8.630	8.630	0.0	89	882311	6.79	
115 2,3,5,6-Tetrachlorophenol	232	8.689	8.689	0.0	89	164260	6.88	
117 2,3,4,6-Tetrachlorophenol	232	8.726	8.762	-0.036	69	170268	7.49	
119 Diethyl phthalate	149	8.791	8.791	0.001	98	755776	7.71	
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	89	368037	7.46	
124 Fluorene	166	8.919	8.919	0.0	93	744853	7.14	
123 4-Nitroaniline	138	8.919	8.919	0.0	57	190010	7.45	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	77	120878	7.03	
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	579501	7.77	
131 Azobenzene	77	9.042	9.042	0.0	99	772380	7.34	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	772380	7.34	
135 Phenacetin	108	9.245	9.281	-0.036	93	367460	8.28	
136 Phorate	121	9.245	9.286	-0.041	92	137918	8.21	
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	62	220128	7.98	
139 Hexachlorobenzene	284	9.384	9.384	0.0	90	217964	7.67	
140 Atrazine	200	9.432	9.432	0.0	90	199941	9.85	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.539	9.545	-0.006	86	107185	5.93	
142 Pronamide	173	9.566	9.607	-0.041	88	309303	7.43	
146 Phenanthrene	178	9.732	9.732	0.0	97	1080749	7.31	
147 Anthracene	178	9.780	9.780	0.0	97	1121591	7.64	
149 Carbazole	167	9.903	9.903	0.0	81	1117142	7.83	
151 Di-n-butyl phthalate	149	10.160	10.160	0.0	100	1340275	8.37	
157 Fluoranthene	202	10.737	10.737	0.0	97	1321478	8.10	
160 Pyrene	202	10.941	10.941	0.0	98	1342559	7.32	
162 Chlorobenzilate	139	11.219	11.265	-0.046	91	346508	6.98	
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	97	569933	7.63	
173 3,3'-Dichlorobenzidine	252	12.155	12.155	0.0	65	311209	4.98	
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	814256	7.70	
175 Benzo[a]anthracene	228	12.203	12.203	0.0	96	1199925	7.48	
176 Chrysene	228	12.251	12.251	0.0	94	1204037	7.87	
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	99	1294293	7.58	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	95	1215465	7.93	
181 Benzo[k]fluoranthene	252	13.717	13.722	-0.005	99	1244699	7.47	
182 Benzo[a]pyrene	252	14.166	14.171	-0.005	77	1064418	6.81	
186 Indeno[1,2,3-cd]pyrene	276	15.877	15.877	0.0	93	1316372	7.62	
187 Dibenz(a,h)anthracene	278	15.904	15.904	0.0	82	1106111	7.51	
188 Benzo[g,h,i]perylene	276	16.300	16.305	-0.005	89	1115346	8.10	

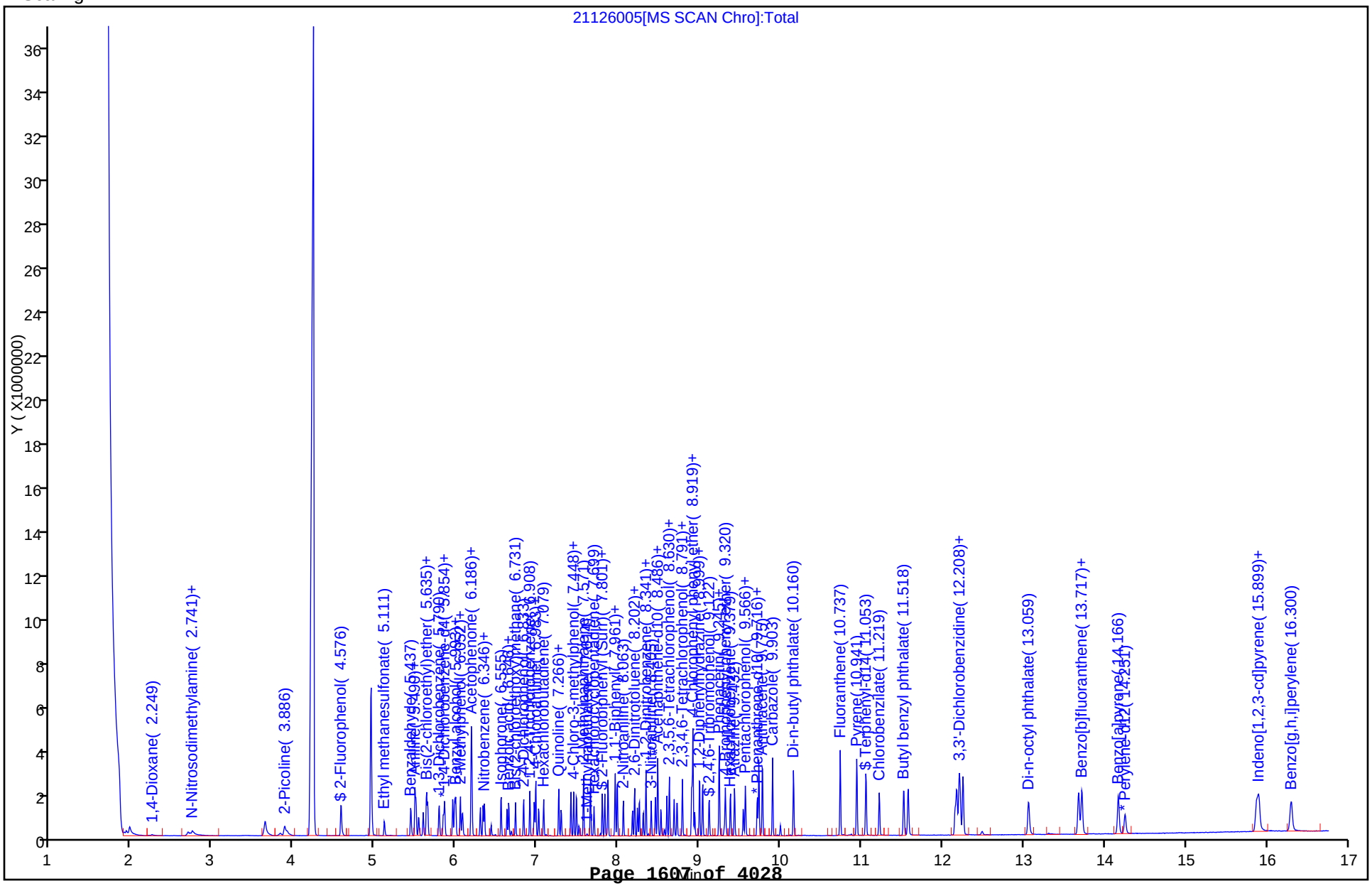
Report Date: 27-Nov-2012 16:06:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126005.D

Injection Date:	26-Nov-2012 11:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65294/3

Matrix: Water | Lab File ID: 21116003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/16/2012 10:00

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.99		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.05		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.07		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.84		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.88		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.78		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.82		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.59	M	0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.11		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.88		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.96		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.10		0.0010	0.00010	0.00010
108-60-1	bis (2-chloroisopropyl) ether	4.84		0.0010	0.00080	0.00040
117-81-7	Bis(2-ethylhexyl) phthalate	4.93		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.08		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.99		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.13		0.0010	0.00080	0.00028
106-47-8	4-Chloroaniline	4.91		0.0020	0.00080	0.00080
59-50-7	4-Chloro-3-methylphenol	4.90		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.86		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.12		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.91		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.95		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.94		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.85		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.10		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.96		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.01		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.12		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.11		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.79		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.91		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.84		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.10		0.0010	0.00080	0.00067

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65294/3

Matrix: Water | Lab File ID: 21116003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/16/2012 10:00

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	4.99		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.37		0.0050	0.0024	0.0024
121-14-2	2,4-Dinitrotoluene	5.01		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.12		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.99		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.05		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.82		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.16		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.01		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.00		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.01		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.84		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.88		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.05		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.99		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.05		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.01		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.89		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.02		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.00		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.93		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	4.96		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.56		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	4.91		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.11		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.19		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.93		0.00020	0.00010	0.00010
108-95-2	Phenol	5.09		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.06		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.83		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.81		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.71		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65294/3

Matrix: Water | Lab File ID: 21116003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/16/2012 10:00

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	100		70-130
367-12-4	2-Fluorophenol (Surr)	97		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	93		50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	95		50-150
4165-62-2	Phenol-d5 (Surr)	100		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 16-Nov-2012 10:00:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015012-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65294
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08
Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 16-Nov-2012 10:35:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.676	3.677	-0.001	86	150301	4.00	
* 2 Naphthalene-d8	136	4.638	4.639	-0.001	99	580692	4.00	
* 3 Acenaphthene-d10	164	5.930	5.931	-0.001	78	385184	4.00	
* 4 Phenanthrene-d10	188	7.009	7.010	-0.001	97	666230	4.00	
* 5 Chrysene-d12	240	8.953	8.949	0.004	76	675862	4.00	
* 6 Perylene-d12	264	10.219	10.215	0.004	94	552093	4.00	
$ 7 2-Fluorophenol	112	2.672	2.673	-0.001	94	272934	4.85	
$ 8 Phenol-d5	99	3.367	3.373	-0.006	0	401385	4.99	
$ 9 Nitrobenzene-d5	82	4.093	4.094	-0.001	82	411361	4.67	
$ 10 2-Fluorobiphenyl (Surr)	172	5.423	5.424	-0.001	100	639093	4.99	
$ 11 2,4,6-Tribromophenol	330	6.502	6.503	-0.001	69	63479	4.76	
$ 12 Terphenyl-d14	244	8.142	8.142	0.0	97	656925	5.06	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	1.577	1.578	-0.001	81	143062	4.45	
26 N-Nitrosodimethylamine	74	1.759	1.765	-0.006	86	245112	4.66	
27 Pyridine	79	1.791	1.792	-0.001	92	369976	4.62	
28 Ethyl methacrylate	69	2.031	2.032	-0.001	79	335385	4.74	
29 3-Chloropropionitrile	54	2.224	2.224	0.0	79	161757	4.76	
31 2-Picoline	93		2.338					
32 N-Nitrosomethylethylamine	88		2.396					
33 Malononitrile	66	2.411	2.411	0.0	78	436769	5.06	
34 Methyl methanesulfonate	80		2.610					9
233 n,n'-Dimethylacetamide	44		2.674					
30 3-Picoline	93		2.674					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.914					
37 Ethyl methanesulfonate	79		3.123					9
38 2-Methylcyclohexanone	68		3.315					
39 3-Methylcyclohexanone	69		3.342					
41 Benzaldehyde	77	3.345	3.346	-0.001	85	310786	4.89	
40 4-Methylcyclohexanone	55		3.379					
43 Phenol	94	3.377	3.383	-0.006	91	443470	5.09	
44 Aniline	93	3.420	3.426	-0.006	93	545785	4.97	
69 Bis(2-chloroethyl)ether	93	3.452	3.458	-0.006	97	357746	5.10	
46 2-Chlorophenol	128	3.516	3.522	-0.006	89	260923	5.12	
45 Pentachloroethane	167		3.529					
42 Phenylmercaptan	110		3.596					9
47 1,3-Dichlorobenzene	146	3.639	3.640	-0.001	87	293862	5.01	
48 1,4-Dichlorobenzene	146	3.687	3.693	-0.006	83	293729	5.10	
49 Benzyl alcohol	108	3.767	3.768	-0.001	80	199220	4.88	
50 1,2-Dichlorobenzene	146	3.810	3.811	-0.001	81	276404	4.96	
51 2-Methylphenol	108	3.842	3.848	-0.006	93	282520	4.99	
53 2,2'-oxybis[1-chloropropane]	45	3.863	3.864	-0.001	99	296787	4.84	
232 1-Methyl-2-pyrrilidinone	99		3.880					
21 3 & 4 Methylphenol	108	3.954	3.960	-0.006	93	304329	5.05	
57 N-Nitrosodi-n-propylamine	70	3.965	3.971	-0.006	73	300091	4.91	
58 Acetophenone	105	3.970	3.976	-0.006	89	442383	4.92	
56 N-Nitrosopyrrolidine	100		4.009					
59 N-Nitrosomorpholine	56		4.036					9
60 2-Toluidine	106		4.063					9
61 Hexachloroethane	117	4.066	4.067	-0.001	91	119266	5.01	
52 Indene	115		4.084					
62 Nitrobenzene	77	4.104	4.110	-0.006	74	429776	4.93	
63 N-Nitrosopiperidine	114		4.276					
64 Isophorone	82	4.280	4.286	-0.006	94	748700	4.88	
66 2-Nitrophenol	139	4.344	4.350	-0.006	90	143471	4.96	
65 2,4-Dimethylphenol	107	4.360	4.361	-0.001	94	347083	4.91	
67 1,3,5-Trichlorobenzene	180	4.360	4.361	-0.001	76	268845	5.06	
70 Bis(2-chloroethoxy)methane	93	4.424	4.430	-0.006	99	401746	4.96	
68 o,o',o''-Triethylphosphorothioat	198		4.463					
71 Benzoic acid	122	4.440	4.468	-0.028	80	266687	8.59	M
17 4-Chlorophenol	128		4.500					
73 2,4-Dichlorophenol	162	4.526	4.526	0.0	97	224848	5.11	
24 Catechol	110		4.592					9
74 1,2,4-Trichlorobenzene	180	4.590	4.596	-0.006	84	255218	4.83	
75 Naphthalene	128	4.654	4.655	-0.001	97	754390	5.01	
76 4-Chloroaniline	127	4.681	4.681	-0.001	78	318694	4.91	
79 Hexachlorobutadiene	225	4.739	4.740	-0.001	87	157511	5.01	
77 2,6-Dichlorophenol	162		4.752					9
80 1,2,3-Trichlorobenzene	180	4.761	4.761	0.0	85	241514	0	
78 Hexachloropropene	213		4.784					
72 alpha,alpha-Dimethyl phenethylam	58		4.848					9
15 3-Methylcatechol	124		4.913					9
84 Caprolactam	113	4.932	4.948	-0.016	78	103115	5.07	
83 N-Nitrosodi-n-butylamine	84		4.976					9
85 p-Phenylene diamine	108		5.003					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
86 4-Chloro-3-methylphenol	107	5.033	5.034	-0.001	82	300809	4.90	
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.142					
87 2-Methylnaphthalene	142	5.161	5.162	-0.001	87	501068	5.05	
88 1-Methylnaphthalene	142	5.236	5.237	-0.001	79	477819	5.08	
89 Hexachlorocyclopentadiene	237	5.279	5.280	-0.001	65	153963	4.00	
90 1,2,3,5-Tetrachlorobenzene	216	5.279	5.280	-0.001	90	280809	4.87	
91 1,2,4,5-Tetrachlorobenzene	216	5.279	5.350	-0.071	92	280809	5.33	
225 Isosafrole Peak 1	162		5.355					9
92 2,4,6-Trichlorophenol	196	5.364	5.365	-0.001	90	175543	4.71	
93 2,4,5-Trichlorophenol	196	5.396	5.397	-0.001	94	192101	4.81	
97 2,4-Toluene diamine	121	5.482	5.482	0.0	97	198667	4.62	
98 1,1'-Biphenyl	154	5.498	5.499	0.0	95	632655	4.87	
99 1,2,3,4 -Tetrachlorobenzene	216		5.499					
100 2-Chloronaphthalene	162	5.524	5.525	-0.001	95	505995	4.86	
227 Isosafrole Peak 2	162		5.526					9
102 2-Nitroaniline	65	5.583	5.589	-0.006	71	217475	4.89	
105 Dimethyl phthalate	163	5.701	5.701	0.0	96	592889	4.84	
103 1,4-Naphthoquinone	158		5.702					
96 3,4-Dichloronitrobenzene	109		5.725					9
104 1,4-Dinitrobenzene	168		5.729					
107 2,6-Dinitrotoluene	165	5.754	5.755	-0.001	87	144191	5.12	
101 Phenyl ether	170		5.773					9
106 1,3-Dinitrobenzene	168		5.788					
108 1,2-Dinitrobenzene	168	5.797	5.803	-0.006	79	73794	5.20	
109 Acenaphthylene	152	5.829	5.830	-0.001	86	833790	5.05	
110 3-Nitroaniline	138	5.882	5.883	-0.001	82	145659	5.02	
112 Acenaphthene	153	5.952	5.953	0.0	93	508975	4.99	
111 2,4-Dinitrophenol	184	5.962	5.963	-0.001	78	181417	8.37	
113 4-Nitrophenol	109	5.989	5.995	-0.006	88	96146	4.56	
114 2,4-Dinitrotoluene	165	6.048	6.054	-0.006	81	190674	5.01	
116 Dibenzofuran	168	6.080	6.081	-0.001	83	723725	4.85	
115 Pentachlorobenzene	250		6.114					9
118 2,3,5,6-Tetrachlorophenol	232	6.133	6.134	-0.001	83	147479	4.56	
117 1-Naphthylamine	143		6.188					9
121 Diethyl phthalate	149	6.208	6.209	-0.001	96	577573	4.79	
119 2,3,4,6-Tetrachlorophenol	232		6.226					
120 2-Naphthylamine	143		6.247					9
123 4-Chlorophenyl phenyl ether	204	6.310	6.310	0.0	90	323985	4.91	
126 Fluorene	166	6.326	6.326	0.0	71	607936	4.82	
122 Thionazin	97		6.327					9
125 4-Nitroaniline	138	6.326	6.332	-0.006	54	155661	5.00	
128 4,6-Dinitro-2-methylphenol	198	6.352	6.353	-0.001	86	125639	4.99	
124 N-Nitro-o-toluidine	152		6.381					
131 N-Nitrosodiphenylamine	169	6.390	6.396	-0.006	98	470913	5.11	
127 Tributyl phosphate	99		6.402					
133 Azobenzene	77	6.427	6.428	-0.001	96	839972	4.95	
132 1,2-Diphenylhydrazine	77	6.427	6.428	-0.001	97	839251	4.94	
130 Diphenylamine	169	6.390	6.450	-0.060	90	470913	4.53	
134 Sulfotepp	202	6.480	6.541	-0.061	73	82619	5.28	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
135 1,3,5-Trinitrobenzene	213		6.621					
228 Diallate Peak 1	86		6.653					9
137 Phenacetin	108		6.658					9
139 4-Bromophenyl phenyl ether	248	6.662	6.663	-0.001	68	171161	5.08	
138 Phorate	121		6.664					9
230 Diallate Peak 2	86		6.723					9
141 Hexachlorobenzene	284	6.737	6.738	-0.001	89	166306	5.16	
142 Atrazine	200	6.758	6.764	-0.006	91	165119	5.18	
140 Dimethoate	87		6.787					9
143 Pentachlorophenol	266	6.870	6.871	-0.001	83	189828	8.19	
129 4-Aminobiphenyl	169		6.915					9
144 Pronamide	173		6.942					
145 Pentachloronitrobenzene	237		6.942					9
148 Phenanthrene	178	7.025	7.026	-0.001	87	878304	4.93	
146 Disulfoton	88		7.038					9
147 Dinoseb	211		7.043					
149 Anthracene	178	7.063	7.063	0.0	87	932332	5.07	
150 DFTPP								
151 Carbazole	167	7.169	7.170	-0.001	93	828995	5.13	
152 Methyl parathion	109		7.310					
154 Di-n-butyl phthalate	149	7.378	7.379	-0.001	100	1027261	5.10	
155 Ethyl Parathion	97		7.582					9
153 Diphenylsulfone	125		7.616					
156 4-Nitroquinoline-1-oxide	190		7.636					
157 Methapyrilene	58		7.673					
158 Isodrin	66		7.844					
159 Fluoranthene	202	7.891	7.891	-0.001	98	1053448	5.05	
160 Benzidine	184	7.960	7.961	-0.001	98	626096	5.43	
161 Pyrene	202	8.061	8.062	-0.001	96	1086476	5.06	
166 4,4'-DDE	246		8.097					9
226 Aramite Peak 1	185		8.159					
229 Aramite Peak 2	185		8.213					
163 p-Dimethylamino azobenzene	225		8.304					
164 Chlorobenzilate	139		8.325					
165 4,4'-DDD	235		8.375					
168 Butyl benzyl phthalate	149	8.473	8.473	0.0	92	460494	4.99	
167 Famphur	218		8.506					
169 3,3'-Dimethylbenzidine	212		8.549					
170 4,4'-DDT	235		8.578					9
171 2-Acetylaminofluorene	181		8.741					
172 3,3'-Dimethoxybenzidine	244		8.863					
173 Bis(2-ethylhexyl) phthalate	149	8.884	8.879	0.005	94	638483	4.93	
174 4,4'-Methylene bis(2-chloroanili	231	8.895	8.895	0.0	89	211994	5.25	
175 3,3'-Dichlorobenzidine	252	8.900	8.901	-0.001	62	379269	5.12	
177 Benzo[a]anthracene	228	8.943	8.944	-0.001	89	1027695	4.84	
178 Chrysene	228	8.975	8.970	0.005	91	936526	4.95	
176 Hexabromobenzene	232		9.208					
180 Di-n-octyl phthalate	149	9.375	9.365	0.010	99	1113935	4.99	
179 6-Methylchrysene	242		9.576					
182 Benzo[b]fluoranthene	252	9.835	9.830	0.005	84	977937	4.78	
183 Benzo[k]fluoranthene	252	9.856	9.857	-0.001	90	958738	5.11	
181 7,12-Dimethylbenz(a)anthracene	256		9.895					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
184 Benzo[a]pyrene	252	10.166	10.161	0.005	72	865860	4.88	
185 3-Methylcholanthrene	268		10.638					
188 Indeno[1,2,3-cd]pyrene	276	11.570	11.577	-0.007	94	888117	4.84	
189 Dibenz(a,h)anthracene	278	11.570	11.577	-0.007	71	757566	4.94	
187 Dibenz[a,h]acridine	279		11.729					9
186 Dibenz[a,j]acridine	279		11.804					9
190 Benzo[g,h,i]perylene	276	11.982	11.983	-0.001	89	744491	4.82	
S 191 Methyl Phenols,Total	100				0		10.0	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 194 Decane TIC	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 192 Octadecane (TIC)	57		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					
T 235 4-isopropylphenol TIC	121		4.756					
T 236 3-isopropylphenol TIC	121		4.756					
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

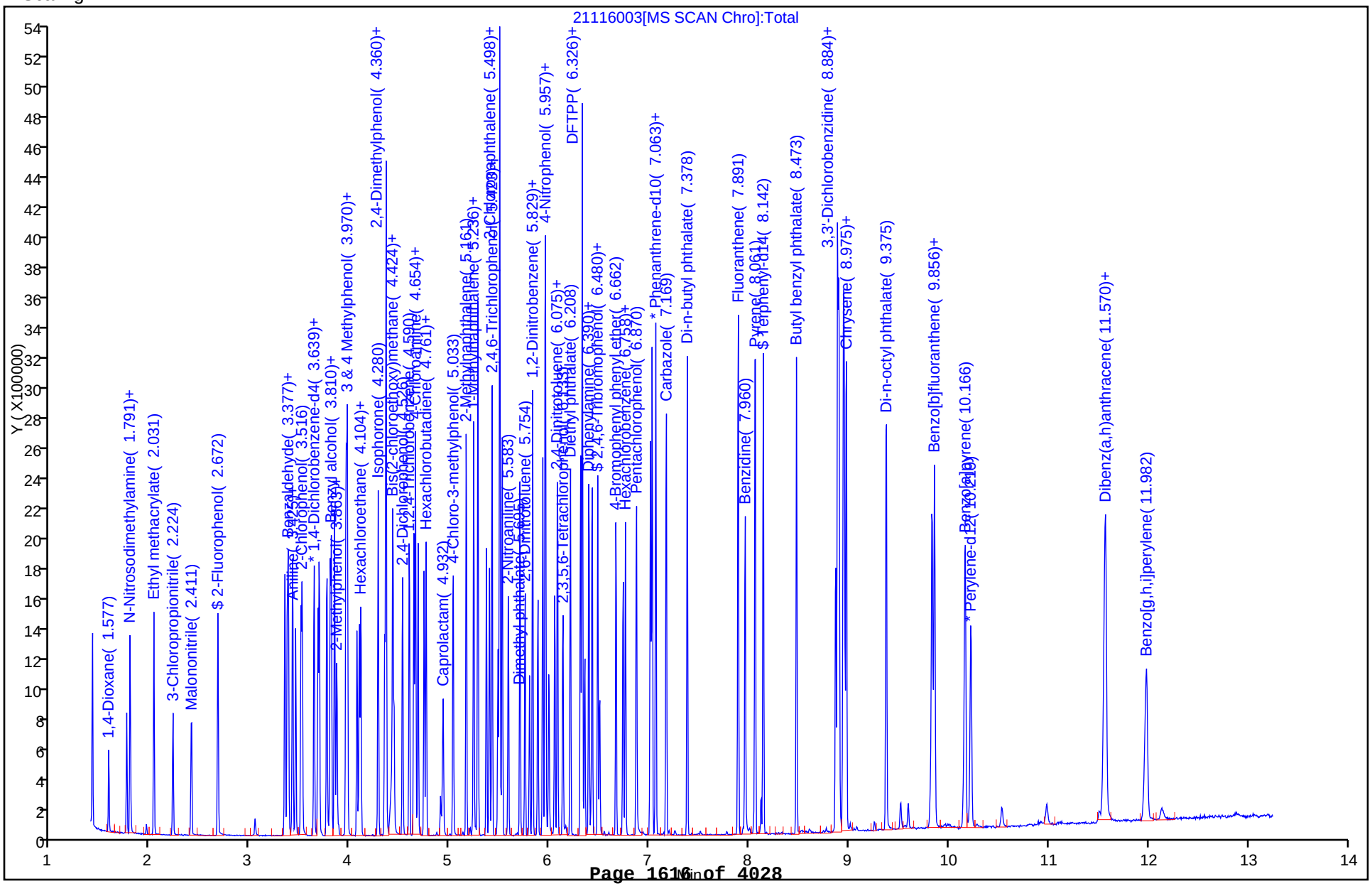
Report Date: 17-Nov-2012 12:48:09 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116003.D

Injection Date:	16-Nov-2012 10:00:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

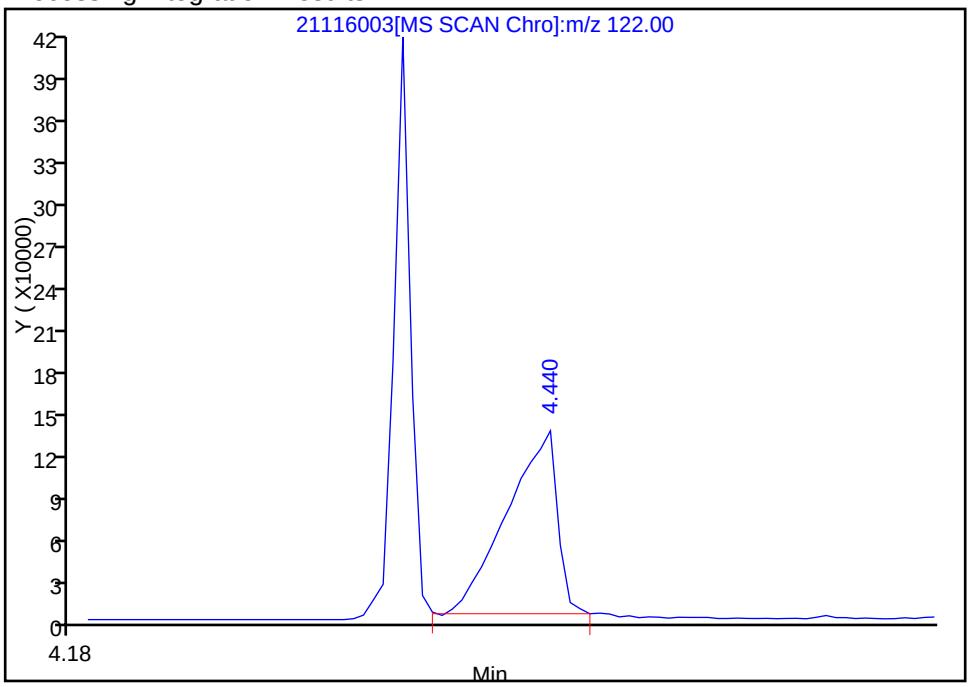
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116003.D		
Injection Date:	16-Nov-2012 10:00:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 4.47

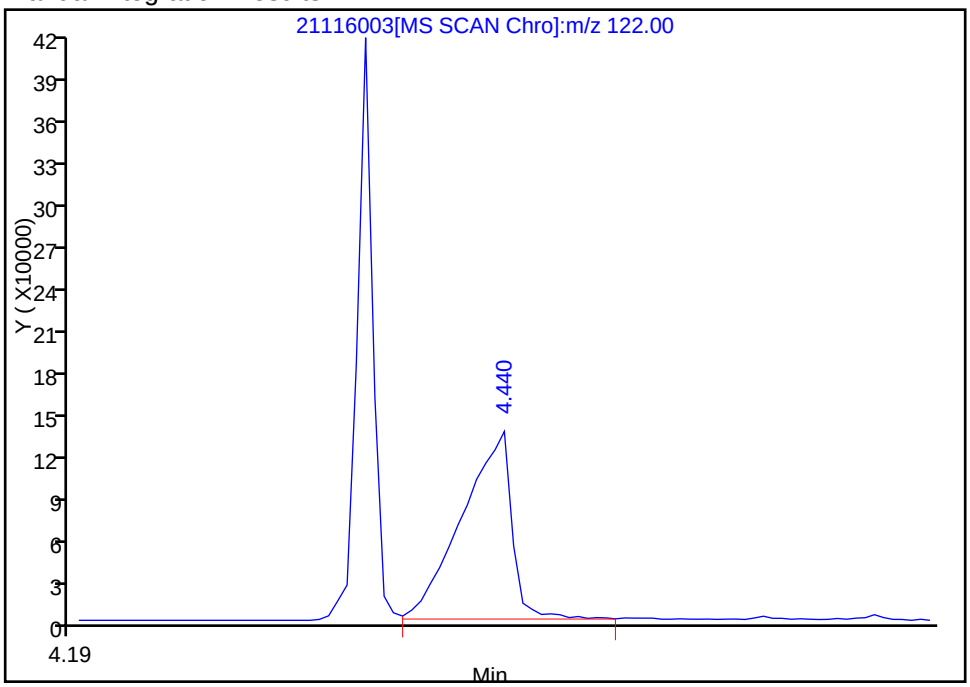
Processing Integration Results

RT: 4.44
Response: 246444
Amount: 8.014992



Manual Integration Results

RT: 4.44
Response: 266687
Amount: 8.590557



Reviewer: ulmanm, 16-Nov-2012 10:35:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65294/19

Matrix: Water | Lab File ID: 21116019.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/16/2012 15:09

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.93		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.98		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.99		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.76		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.97		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.67		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.66		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	7.23		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.40		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.71		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.95		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.98		0.0010	0.00010	0.00010
108-60-1	bis (2-chloroisopropyl) ether	4.89		0.0010	0.00080	0.00040
117-81-7	Bis(2-ethylhexyl) phthalate	4.79		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.08		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.95		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.97		0.0010	0.00080	0.00028
106-47-8	4-Chloroaniline	4.74		0.0020	0.00080	0.00080
59-50-7	4-Chloro-3-methylphenol	4.79		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.88		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.94		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.00		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.88		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.23		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.71		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.92		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.98		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.99		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	4.93		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.97		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.79		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.89		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.83		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.94		0.0010	0.00080	0.00067

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65294/19

Matrix: Water | Lab File ID: 21116019.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/16/2012 15:09

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	4.40		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	7.63		0.0050	0.0024	0.0024
121-14-2	2,4-Dinitrotoluene	5.02		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.81		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.14		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.00		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.91		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.02		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.05		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	3.67		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.00		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.17		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.84		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.91		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.92		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.98		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.97		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.66		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	4.64		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.78		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.86		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	4.88		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.00		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	4.82		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.88		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	7.60		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.88		0.00020	0.00010	0.00010
108-95-2	Phenol	4.76		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.91		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.05		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.60		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.72		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65294/19

Matrix: Water | Lab File ID: 21116019.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/16/2012 15:09

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	98		70-130
367-12-4	2-Fluorophenol (Surr)	99		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	92		50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	99		50-150
4165-62-2	Phenol-d5 (Surr)	94		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116019.D
Lims ID: mrl qccl Client ID:
Inject. Date: 16-Nov-2012 15:09:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015012-019
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 65294 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:49:19 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 15:43:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.676	3.677	-0.001	95	125010	4.00	
* 2 Naphthalene-d8	136	4.637	4.639	-0.002	98	473348	4.00	
* 3 Acenaphthene-d10	164	5.924	5.931	-0.007	75	317019	4.00	
* 4 Phenanthrene-d10	188	7.003	7.010	-0.007	98	562275	4.00	
* 5 Chrysene-d12	240	8.958	8.949	0.009	93	572059	4.00	
* 6 Perylene-d12	264	10.224	10.215	0.009	94	445968	4.00	
$ 7 2-Fluorophenol	112	2.672	2.673	-0.001	93	232759	4.97	
$ 8 Phenol-d5	99	3.366	3.373	-0.007	0	315433	4.72	
$ 9 Nitrobenzene-d5	82	4.087	4.094	-0.007	85	331677	4.62	
$ 10 2-Fluorobiphenyl (Surr)	172	5.417	5.424	-0.007	99	518601	4.92	
$ 11 2,4,6-Tribromophenol	330	6.496	6.503	-0.007	75	54119	4.93	
$ 12 Terphenyl-d14	244	8.141	8.142	-0.001	96	549535	5.00	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	1.577	1.578	-0.001	78	119266	4.46	
26 N-Nitrosodimethylamine	74	1.758	1.765	-0.007	75	200260	4.58	
27 Pyridine	79	1.790	1.792	-0.002	92	298927	4.49	
28 Ethyl methacrylate	69	2.031	2.032	-0.001	79	276018	4.69	
29 3-Chloropropionitrile	54	2.223	2.224	-0.001	83	130530	4.62	
31 2-Picoline	93		2.338					
32 N-Nitrosomethylethylamine	88		2.396					
33 Malononitrile	66	2.405	2.411	-0.006	79	341865	4.76	
34 Methyl methanesulfonate	80		2.610					9
233 n,n'-Dimethylacetamide	44		2.674					
30 3-Picoline	93		2.674					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.914					
37 Ethyl methanesulfonate	79		3.123					
38 2-Methylcyclohexanone	68		3.315					
39 3-Methylcyclohexanone	69		3.342					
41 Benzaldehyde	77	3.345	3.346	-0.001	86	259917	4.92	
40 4-Methylcyclohexanone	55		3.379					
43 Phenol	94	3.377	3.383	-0.006	92	344954	4.76	
44 Aniline	93	3.419	3.426	-0.007	94	430948	4.72	
69 Bis(2-chloroethyl)ether	93	3.452	3.458	-0.006	95	290411	4.98	
46 2-Chlorophenol	128	3.516	3.522	-0.006	88	209620	4.94	
45 Pentachloroethane	167		3.529					
42 Phenylmercaptan	110		3.596					9
47 1,3-Dichlorobenzene	146	3.633	3.640	-0.007	84	243305	4.99	
48 1,4-Dichlorobenzene	146	3.687	3.693	-0.006	88	235681	4.92	
49 Benzyl alcohol	108	3.761	3.768	-0.007	85	159989	4.71	
50 1,2-Dichlorobenzene	146	3.809	3.811	-0.002	90	230822	4.98	
51 2-Methylphenol	108	3.841	3.848	-0.007	95	231827	4.92	
53 2,2'-oxybis[1-chloropropane]	45	3.863	3.864	-0.001	99	249305	4.89	
232 1-Methyl-2-pyrrilidinone	99		3.880					
21 3 & 4 Methylphenol	108	3.954	3.960	-0.006	94	249680	4.98	
57 N-Nitrosodi-n-propylamine	70	3.964	3.971	-0.007	72	245087	4.82	
58 Acetophenone	105	3.970	3.976	-0.006	92	375220	5.02	
56 N-Nitrosopyrrolidine	100		4.009					
59 N-Nitrosomorpholine	56		4.036					9
60 2-Toluidine	106		4.063					9
61 Hexachloroethane	117	4.066	4.067	-0.001	89	99186	5.00	
52 Indene	115		4.084					
62 Nitrobenzene	77	4.103	4.110	-0.007	73	344991	4.86	
63 N-Nitrosopiperidine	114		4.276					
64 Isophorone	82	4.279	4.286	-0.007	94	604683	4.84	
66 2-Nitrophenol	139	4.343	4.350	-0.007	92	115046	4.88	
65 2,4-Dimethylphenol	107	4.359	4.361	-0.002	97	281645	4.89	
67 1,3,5-Trichlorobenzene	180	4.354	4.361	-0.007	86	218482	5.05	
70 Bis(2-chloroethoxy)methane	93	4.424	4.430	-0.006	94	326508	4.95	
68 o,o',o''-Triethylphosphorothioat	198		4.463					
71 Benzoic acid	122	4.429	4.468	-0.039	76	178540	7.23	
17 4-Chlorophenol	128		4.500					
73 2,4-Dichlorophenol	162	4.525	4.526	-0.001	92	178178	4.97	
24 Catechol	110		4.592					9
74 1,2,4-Trichlorobenzene	180	4.589	4.596	-0.007	86	217479	5.05	
75 Naphthalene	128	4.653	4.655	-0.002	98	609820	4.97	
76 4-Chloroaniline	127	4.680	4.681	-0.001	88	250702	4.74	
79 Hexachlorobutadiene	225	4.739	4.740	-0.001	90	129401	5.05	
77 2,6-Dichlorophenol	162		4.752					9
80 1,2,3-Trichlorobenzene	180		4.761					
78 Hexachloropropene	213		4.784					
72 alpha,alpha-Dimethyl phenethylam	58		4.848					9
15 3-Methylcatechol	124		4.913					9
84 Caprolactam	113	4.931	4.948	-0.017	83	80842	4.88	
83 N-Nitrosodi-n-butylamine	84		4.976					
85 p-Phenylene diamine	108		5.003					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
86 4-Chloro-3-methylphenol	107	5.027	5.034	-0.007	81	239906	4.79	
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.142					
87 2-Methylnaphthalene	142	5.161	5.162	-0.001	85	396855	4.91	
88 1-Methylnaphthalene	142	5.235	5.237	-0.002	79	379952	4.95	
89 Hexachlorocyclopentadiene	237	5.278	5.280	-0.002	86	116216	3.67	
90 1,2,3,5-Tetrachlorobenzene	216	5.278	5.280	-0.002	92	234012	4.93	
91 1,2,4,5-Tetrachlorobenzene	216	5.278	5.350	-0.072	91	234012	5.39	
225 Isosafrole Peak 1	162		5.355					9
92 2,4,6-Trichlorophenol	196	5.364	5.365	-0.001	88	144828	4.72	
93 2,4,5-Trichlorophenol	196	5.396	5.397	-0.001	94	151272	4.60	
97 2,4-Toluene diamine	121	5.481	5.482	-0.001	96	156304	4.46	
98 1,1'-Biphenyl	154	5.497	5.499	-0.001	92	510322	4.78	
99 1,2,3,4 -Tetrachlorobenzene	216		5.499					
100 2-Chloronaphthalene	162	5.519	5.525	-0.007	97	418360	4.88	
227 Isosafrole Peak 2	162		5.526					
102 2-Nitroaniline	65	5.583	5.589	-0.006	71	170514	4.66	
105 Dimethyl phthalate	163	5.700	5.701	-0.001	96	487107	4.83	
103 1,4-Naphthoquinone	158		5.702					
96 3,4-Dichloronitrobenzene	109		5.725					9
104 1,4-Dinitrobenzene	168		5.729					
107 2,6-Dinitrotoluene	165	5.748	5.755	-0.007	84	111361	4.81	
101 Phenyl ether	170		5.773					9
106 1,3-Dinitrobenzene	168		5.788					
108 1,2-Dinitrobenzene	168	5.796	5.803	-0.007	80	55221	4.73	
109 Acenaphthylene	152	5.828	5.830	-0.002	89	677471	4.98	
110 3-Nitroaniline	138	5.882	5.883	-0.001	86	110661	4.64	
112 Acenaphthene	153	5.951	5.953	-0.001	93	414003	4.93	
111 2,4-Dinitrophenol	184	5.956	5.963	-0.007	76	134557	7.63	
113 4-Nitrophenol	109	5.989	5.995	-0.006	87	69363	4.00	
114 2,4-Dinitrotoluene	165	6.047	6.054	-0.007	83	157135	5.02	
116 Dibenzofuran	168	6.074	6.081	-0.007	83	578177	4.71	
115 Pentachlorobenzene	250		6.114					9
118 2,3,5,6-Tetrachlorophenol	232	6.127	6.134	-0.007	89	125490	4.72	
117 1-Naphthylamine	143		6.188					9
121 Diethyl phthalate	149	6.208	6.209	-0.001	97	476013	4.79	
119 2,3,4,6-Tetrachlorophenol	232	6.127	6.226	-0.099	69	125490	5.15	
120 2-Naphthylamine	143		6.247					9
123 4-Chlorophenyl phenyl ether	204	6.304	6.310	-0.006	90	271370	5.00	
126 Fluorene	166	6.325	6.326	-0.001	69	509723	4.91	
122 Thionazin	97		6.327					9
125 4-Nitroaniline	138	6.325	6.332	-0.007	58	122452	4.78	
128 4,6-Dinitro-2-methylphenol	198	6.346	6.353	-0.007	84	93553	4.40	
124 N-Nitro-o-toluidine	152		6.381					
131 N-Nitrosodiphenylamine	169	6.389	6.396	-0.007	98	379705	4.88	
127 Tributyl phosphate	99		6.402					
133 Azobenzene	77	6.421	6.428	-0.007	96	697514	4.87	
132 1,2-Diphenylhydrazine	77	6.421	6.428	-0.007	98	697363	4.87	
130 Diphenylamine	169	6.389	6.450	-0.061	90	379705	4.32	
134 Sulfotepp	202	6.480	6.541	-0.061	75	72988	5.53	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
135 1,3,5-Trinitrobenzene	213		6.621					
228 Diallate Peak 1	86		6.653					9
137 Phenacetin	108		6.658					9
139 4-Bromophenyl phenyl ether	248	6.661	6.663	-0.002	64	144618	5.08	
138 Phorate	121		6.664					9
230 Diallate Peak 2	86		6.723					9
141 Hexachlorobenzene	284	6.731	6.738	-0.007	87	136686	5.02	
142 Atrazine	200	6.758	6.764	-0.006	90	135667	5.05	
140 Dimethoate	87		6.787					9
143 Pentachlorophenol	266	6.864	6.871	-0.007	82	148655	7.60	
129 4-Aminobiphenyl	169		6.915					9
144 Pronamide	173		6.942					
145 Pentachloronitrobenzene	237		6.942					9
148 Phenanthrene	178	7.025	7.026	-0.001	87	734225	4.88	
146 Disulfoton	88		7.038					9
147 Dinoseb	211		7.043					
149 Anthracene	178	7.062	7.063	-0.001	87	774603	4.99	
150 DFTPP								
151 Carbazole	167	7.164	7.170	-0.006	82	678036	4.97	
152 Methyl parathion	109		7.310					
154 Di-n-butyl phthalate	149	7.377	7.379	-0.002	99	840902	4.94	
155 Ethyl Parathion	97		7.582					9
153 Diphenylsulfone	125		7.616					
156 4-Nitroquinoline-1-oxide	190		7.636					
157 Methapyrilene	58		7.673					
158 Isodrin	66		7.844					
159 Fluoranthene	202	7.885	7.891	-0.006	98	880363	5.00	
160 Benzidine	184	7.959	7.961	-0.002	87	394814	4.05	
161 Pyrene	202	8.056	8.062	-0.006	95	893469	4.91	
166 4,4'-DDE	246		8.097					9
226 Aramite Peak 1	185		8.159					
229 Aramite Peak 2	185		8.213					
163 p-Dimethylamino azobenzene	225		8.304					
164 Chlorobenzilate	139		8.325					9
165 4,4'-DDD	235		8.375					
168 Butyl benzyl phthalate	149	8.477	8.473	0.004	93	386105	4.95	
167 Famphur	218		8.506					
169 3,3'-Dimethylbenzidine	212		8.549					
170 4,4'-DDT	235		8.578					
171 2-Acetylaminofluorene	181		8.741					
172 3,3'-Dimethoxybenzidine	244	8.873	8.863	0.010	87	194769	4.30	
173 Bis(2-ethylhexyl) phthalate	149	8.889	8.879	0.010	94	525332	4.79	
174 4,4'-Methylene bis(2-chloroanili	231	8.899	8.895	0.004	86	163735	4.79	
175 3,3'-Dichlorobenzidine	252	8.905	8.901	0.004	66	308933	4.93	
177 Benzo[a]anthracene	228	8.947	8.944	0.003	89	854511	4.76	
178 Chrysene	228	8.974	8.970	0.004	93	781768	4.88	
176 Hexabromobenzene	232		9.208					
180 Di-n-octyl phthalate	149	9.380	9.365	0.015	98	927289	5.14	
179 6-Methylchrysene	242		9.576					
182 Benzo[b]fluoranthene	252	9.839	9.830	0.009	84	770753	4.67	
183 Benzo[k]fluoranthene	252	9.861	9.857	0.004	90	819517	5.40	
181 7,12-Dimethylbenz(a)anthracene	256		9.895					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
184 Benzo[a]pyrene	252	10.171	10.161	0.010	74	713278	4.97	
185 3-Methylcholanthrene	268		10.638					
188 Indeno[1,2,3-cd]pyrene	276	11.570	11.577	-0.007	91	767168	5.17	
189 Dibenz(a,h)anthracene	278	11.575	11.577	-0.002	52	647736	5.23	
187 Dibenz[a,h]acridine	279		11.729					9
186 Dibenz[a,j]acridine	279		11.804					9
190 Benzo[g,h,i]perylene	276	11.976	11.983	-0.007	90	581256	4.66	
S 191 Methyl Phenols,Total	100				0		9.90	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 194 Decane TIC	57		0.000					1
T 195 Hydroquinone TIC	110	4.904	0.0	4.904	91	61325	0	
T 192 Octadecane (TIC)	57	10.539	0.0	10.539	86	25304	0	
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121	4.653	4.621	0.030	0	1633	0	
T 235 4-isopropylphenol TIC	121	4.760	4.754	0.004	0	1729	0	
T 236 3-isopropylphenol TIC	121	4.760	4.754	0.004	0	1729	0	
T 193 Hexamethylphosphoramide TIC	135	5.273	5.097	0.173	1	818	0	
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135	5.273	5.107	0.163	20	818	0	
T 196 Kepone TIC	272	6.864	8.279	-1.417	1	4095	0.0286	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198	8.953	9.272	-0.316	1	11304	0.1014	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

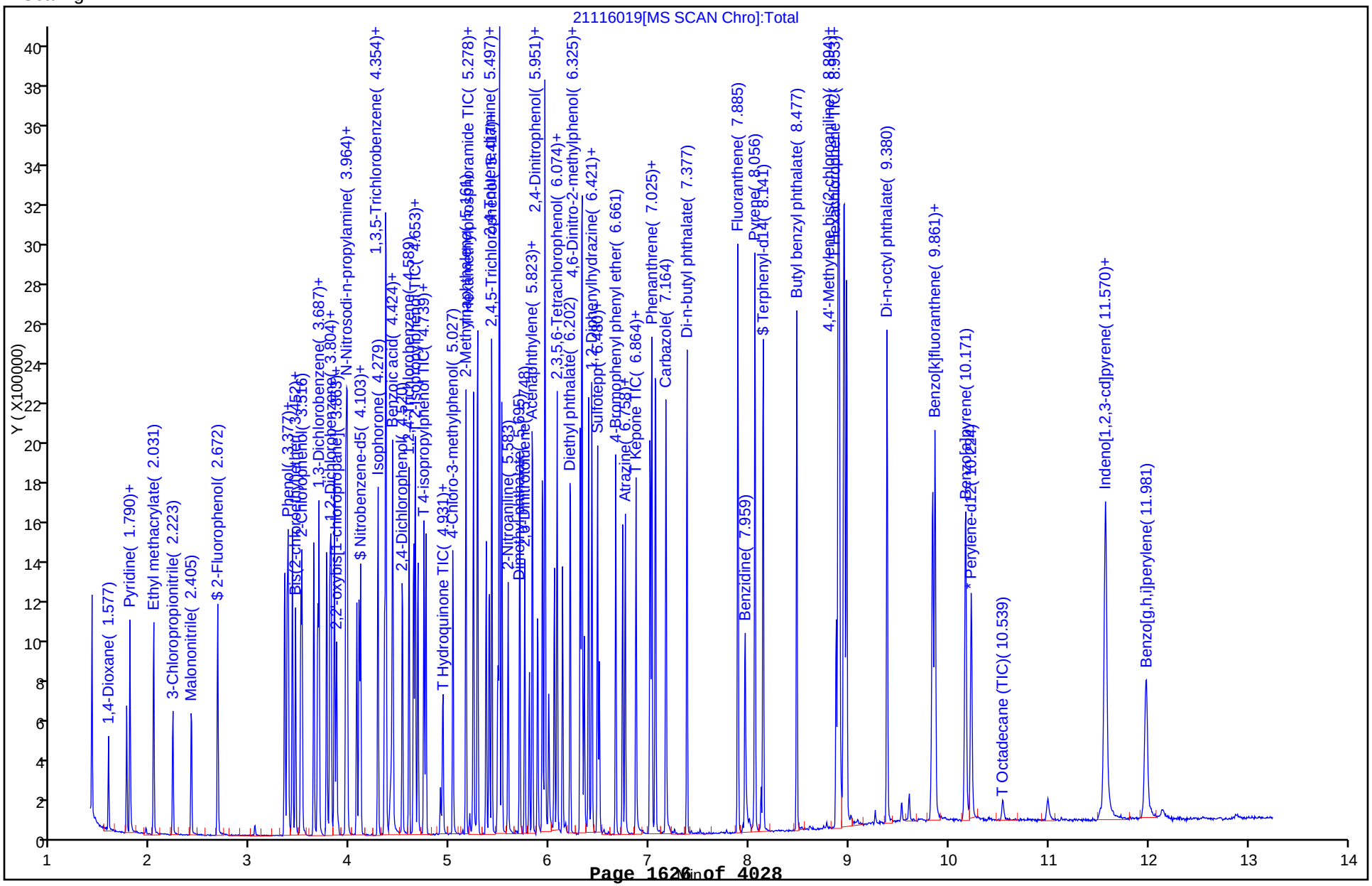
Report Date: 17-Nov-2012 12:49:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116019.D

Injection Date:	16-Nov-2012 15:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/3

Matrix: Solid | Lab File ID: 21123003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 10:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.94		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.93		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.01		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.01		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.16		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.03		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.40		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.86		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.30		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.88		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.01		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.91		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.19		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.06		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.09		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.97		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.07		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.85		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.82		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.97		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.95		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.89		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.80		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.91		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.84		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.81		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.12		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.14		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.91		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.19		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.95		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.20		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.07		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.52		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/3

Matrix: Solid | Lab File ID: 21123003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 10:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.07		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.13		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.20		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.14		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.96		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.13		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.91		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.02		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.93		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.10		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.11		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.96		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.98		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.90		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.87		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.46		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.23		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.06		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.19		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.38		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.22		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.23		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.01		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.75		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.95		0.00020	0.00010	0.00010
108-95-2	Phenol	4.88		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.97		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.00		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.12		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.24		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/3

Matrix: Solid | Lab File ID: 21123003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 10:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	97		50-150
367-12-4	2-Fluorophenol (Surr)	100		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	106		50-150
4165-62-2	Phenol-d5 (Surr)	97		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123003.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	23-Nov-2012 10:18:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015199-003		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	66051	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	27-Nov-2012 11:13:42	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		
First Level Reviewer: gurneyk		Date:	27-Nov-2012 11:14:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	95	174427	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	650244	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	380206	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	648760	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	97	663308	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	566429	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	91	268942	4.99	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	96	331711	4.85	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	89	298366	5.22	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	599076	4.86	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	89	83317	5.30	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	99	621800	5.06	
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88	2.294	2.294	0.0	95	99447	4.91	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	93	161690	4.84	
26 Pyridine	79	2.791	2.786	0.005	94	307160	5.30	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69	3.492	3.486	0.006	89	225410	4.68	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	87	167288	5.20	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.267	4.267	0.0	99	293707	4.84	
33 Acrylamide	71	4.407	4.401	0.005	6	94	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.359	5.376	-0.017	1	273	0	
38 3-Methylcyclohexanone	69	5.401	5.414	-0.013	1	453	0	
40 Benzaldehyde	77	5.455	5.455	0.0	90	232670	5.12	
39 4-Methylcyclohexanone	55	5.423	5.462	-0.039	1	799	0	
41 Phenol	94	5.508	5.514	-0.006	99	356111	4.88	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	97	447701	4.90	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	95	276573	4.91	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	98	284055	4.82	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	97	305462	4.81	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	92	309841	4.91	
49 Benzyl alcohol	108	5.968	5.968	0.0	90	177351	4.88	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	291285	4.84	
51 2-Methylphenol	108	6.059	6.059	0.0	95	265081	4.98	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	92	410768	4.97	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	98	273488	4.90	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	92	206507	5.23	
57 Acetophenone	105	6.204	6.209	-0.005	93	383699	4.87	
55 N-Nitrosopyrrolidine	100		6.216					9
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
60 Hexachloroethane	117	6.311	6.311	0.0	93	126608	4.93	
61 Nitrobenzene	77	6.359	6.364	-0.005	87	306619	5.19	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	98	529806	5.11	
65 2-Nitrophenol	139	6.637	6.642	-0.005	95	149648	5.38	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	95	258724	5.02	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	85	283504	5.19	
69 Benzoic acid	122	6.706	6.728	-0.022	86	287802	8.86	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	99	330118	5.01	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	95	221882	5.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	93	257506	5.00	
73 Naphthalene	128	6.990	6.995	-0.005	96	791009	4.87	
74 4-Chloroaniline	127	7.027	7.033	-0.006	87	346296	5.00	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.092	7.091	0.001	93	137119	4.91	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	90	242413	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.305	7.316	-0.011	73	87332	5.27	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	97	235183	5.07	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	89	515832	4.96	
86 1-Methylnaphthalene	142	7.664	7.669	-0.005	92	505734	5.11	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	77	154704	5.02	
87 1,2,3,5-Tetrachlorobenzene	216	7.707	7.712	-0.005	95	254673	4.93	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	90	167803	5.24	
91 2,4,5-Trichlorophenol	196	7.840	7.846	-0.006	94	176770	5.12	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	97	170686	5.16	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	94	247388	0	
95 1,1'-Biphenyl	154	7.969	7.974	-0.005	95	648916	4.83	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	96	509598	4.85	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	80	168389	5.46	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	552601	4.95	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	93	126305	5.13	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	89	64555	5.21	
107 Acenaphthylene	152	8.348	8.354	-0.006	92	854631	4.93	
108 3-Nitroaniline	138	8.413	8.418	-0.005	94	146245	5.23	
110 Acenaphthene	153	8.498	8.498	0.0	92	515461	4.94	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	79	144541	9.52	
111 4-Nitrophenol	109	8.536	8.536	0.0	91	84058	5.22	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	88	168020	5.07	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.637	8.643	-0.006	88	743335	4.80	
115 2,3,5,6-Tetrachlorophenol	232	8.696	8.701	-0.005	92	152072	5.34	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	98	573690	4.91	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	292037	4.97	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	91	616072	4.96	
123 4-Nitroaniline	138	8.931	8.937	-0.006	59	151304	5.06	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	85	99687	5.07	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	448099	5.01	
128 Diphenylamine	169	9.012	9.040	-0.028	91	448099	4.57	
131 Azobenzene	77	9.049	9.054	-0.005	99	623427	4.94	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	620738	4.92	
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	167488	5.06	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.391	9.397	-0.006	86	174935	5.13	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	91	137001	5.63	
141 Pentachlorophenol	266	9.552	9.557	-0.005	89	218207	9.75	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	96	877126	4.95	
147 Anthracene	178	9.787	9.792	-0.005	98	882273	5.01	
148 DFTPP								
149 Carbazole	167	9.910	9.916	-0.006	82	849478	4.97	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	99	998590	5.20	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	97	1006176	5.14	
158 Benzidine	184	10.846	10.846	0.0	99	525627	4.96	
160 Pyrene	202	10.953	10.959	-0.005	96	1052110	4.97	
164 4,4'-DDE	246		11.012					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	98	430496	5.09	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	90	220677	5.31	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	66	168762	5.15	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	66	369171	5.12	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	95	620068	5.19	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	92	927544	5.01	
176 Chrysene	228	12.269	12.274	-0.005	95	872984	4.95	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	99	1012045	5.20	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	96	909315	5.03	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.010	94	1041612	5.30	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	75	938222	5.16	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.901	15.906	-0.005	98	1024063	5.10	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	78	835069	4.89	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	90	876383	5.40	
S 189 Methyl Phenols,Total	100				0		4.98	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.279	0.0	7.279	90	47479	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.171	3.050	0.121	1	48	0	
T 194 Octadecane (TIC)	254	14.403	6.297	8.103	87	46844	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

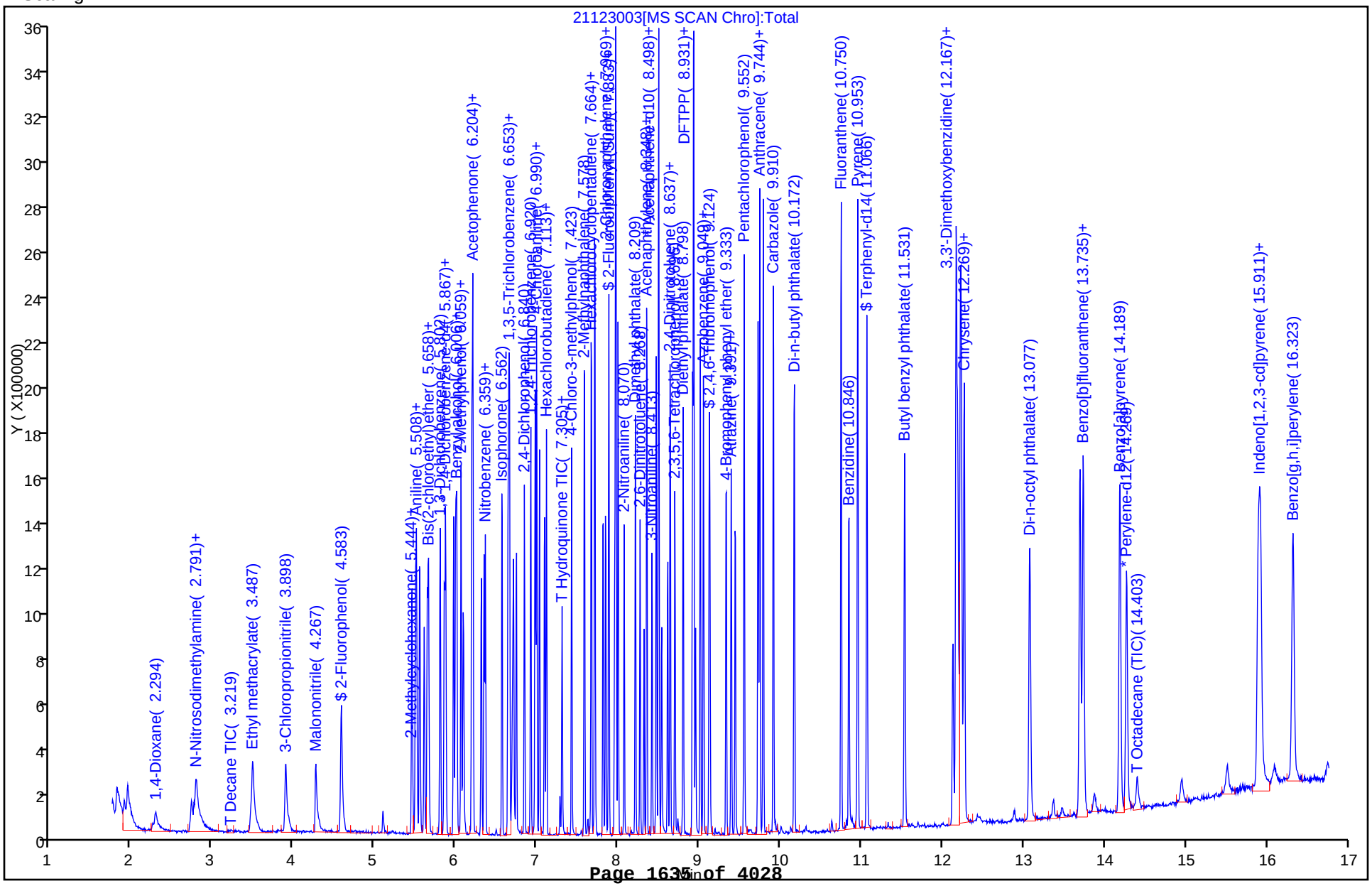
Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:14:09 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123003.D		
Injection Date:	23-Nov-2012 10:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/13

Matrix: Solid | Lab File ID: 21123013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 14:35

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.03		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.02		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.00		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.21		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.05		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.31		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.59		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	10.3		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.90		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.10		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.99		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.03		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.36		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.01		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.37		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.91		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.40		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.97		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.12		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.14		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.08		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.66		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.99		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.00		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.07		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.94		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.19		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.12		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.22		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.12		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.19		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.14		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.24		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.11		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/13

Matrix: Solid | Lab File ID: 21123013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 14:35

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.46		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.33		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.40		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.10		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.04		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.97		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.08		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	2.46	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.90		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.66		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.36		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.90		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.08		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.17		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.01		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.54		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.54		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.47		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.23		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.43		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.32		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.43		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.89		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.97		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.72		0.00020	0.00010	0.00010
108-95-2	Phenol	5.28		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.96		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.26		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.55		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.55		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/13

Matrix: Solid | Lab File ID: 21123013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 14:35

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	99		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	107	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	113		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123013.D
Lims ID: mrl qccl
Client ID:
Inject. Date: 23-Nov-2012 14:35:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015199-013
Misc. Info.: mrl qccl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 13
Lims Batch ID: 66051
Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj
Date: 26-Nov-2012 10:25:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	97	208068	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	799434	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	93	462980	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	843957	4.00	
* 5 Chrysene-d12	240	12.237	12.242	-0.005	97	846858	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	754573	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	91	332563	5.17	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	96	424133	5.19	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	88	377758	5.37	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	100	745011	4.96	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	88	107845	5.63	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	98	795846	5.07	
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
24 1,4-Dioxane	88	2.288	2.294	-0.006	96	117595	4.87	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	91	208825	5.20	
26 Pyridine	79	2.791	2.786	0.005	94	369851	5.34	
232 1-Methyl-2-pyrrilidinone	99	3.278	3.271	0.007	0	216	0	
27 Ethyl methacrylate	69	3.487	3.486	0.001	91	294059	5.11	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	89	211717	5.52	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.267	4.267	0.0	98	382874	5.29	
33 Acrylamide	71	4.396	4.401	-0.005	8	277	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.535	4.536	-0.001	0	1453	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.380	5.376	0.004	1	391	0	
38 3-Methylcyclohexanone	69	5.401	5.414	-0.013	1	275	0	
40 Benzaldehyde	77	5.455	5.455	0.0	95	285943	5.27	
39 4-Methylcyclohexanone	55	5.439	5.462	-0.023	1	3320	0	
41 Phenol	94	5.508	5.514	-0.006	100	459440	5.28	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	98	568555	5.22	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	94	338222	5.03	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	97	359949	5.12	
47 1,3-Dichlorobenzene	146	5.803	5.802	0.001	96	374778	4.94	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	81	376187	5.00	
49 Benzyl alcohol	108	5.968	5.968	0.0	92	221235	5.10	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	363927	5.07	
51 2-Methylphenol	108	6.059	6.059	0.0	96	322295	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	92	510773	5.18	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	98	343723	5.17	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	92	255923	5.43	
57 Acetophenone	105	6.204	6.209	-0.005	92	472726	5.03	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	0.0	93	149988	4.90	
61 Nitrobenzene	77	6.359	6.364	-0.005	84	380195	5.23	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	99	683538	5.36	
65 2-Nitrophenol	139	6.637	6.642	-0.005	96	185736	5.43	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	96	330518	5.21	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	92	343979	5.12	
69 Benzoic acid	122	6.712	6.728	-0.016	86	423044	10.3	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	98	404146	4.99	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	96	271679	5.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	89	332950	5.26	
73 Naphthalene	128	6.990	6.995	-0.005	95	1000833	5.01	
74 4-Chloroaniline	127	7.027	7.033	-0.006	85	428409	5.03	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.092	7.091	0.001	91	174196	5.08	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	93	308314	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.311	7.316	-0.005	75	111123	5.44	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	96	307786	5.40	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	87	625650	4.90	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	93	624040	5.13	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	61	92368	2.46	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	97	309246	4.91	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	91	216612	5.55	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	96	233297	5.55	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	97	215020	5.28	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	94	309173	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	93	789255	4.83	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	95	634787	4.97	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	83	208048	5.54	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	706035	5.19	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	94	160490	5.33	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	89	85725	5.68	
107 Acenaphthylene	152	8.354	8.354	0.0	93	1059617	5.02	
108 3-Nitroaniline	138	8.418	8.418	0.0	94	188463	5.54	
110 Acenaphthene	153	8.498	8.498	0.0	92	638295	5.03	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	80	141671	8.11	
111 4-Nitrophenol	109	8.536	8.536	0.0	91	104372	5.32	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	91	221332	5.46	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.643	8.643	0.0	88	939883	4.99	
115 2,3,5,6-Tetrachlorophenol	232	8.702	8.701	0.001	90	191341	5.52	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	98	741863	5.22	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	368299	5.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	83	763407	5.04	
123 4-Nitroaniline	138	8.931	8.937	-0.006	61	199686	5.47	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	85	105198	4.24	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	569137	4.89	
128 Diphenylamine	169	9.012	9.040	-0.028	91	569137	4.46	
131 Azobenzene	77	9.049	9.054	-0.005	99	795003	4.84	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	794075	4.83	
132 Sulfotepp	202	9.124	9.152	-0.028	78	91375	5.33	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	215755	5.01	
230 Diallate Peak 2	86		9.356					1
139 Hexachlorobenzene	284	9.391	9.397	-0.006	87	220303	4.97	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	92	176294	5.57	
141 Pentachlorophenol	266	9.552	9.557	-0.005	90	290544	9.97	
127 4-Aminobiphenyl	169	9.552	9.575	-0.023	50	44436	0	
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	97	1088348	4.72	
147 Anthracene	178	9.787	9.792	-0.005	98	1144556	5.00	
148 DFTPP								
149 Carbazole	167	9.916	9.916	0.0	82	1093102	4.91	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1284473	5.14	
152 Diphenylsulfone	125		10.209					9
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.750	10.755	-0.005	97	1298601	5.10	
158 Benzidine	184	10.846	10.846	0.0	99	669810	4.95	
160 Pyrene	202	10.953	10.959	-0.005	96	1341425	4.96	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.370					
165 Famphur	218		11.522					9
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	97	581439	5.37	
167 3,3'-Dimethylbenzidine	212		11.581					9
168 4,4'-DDT	235		11.654					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	88	320502	5.92	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	69	231498	5.52	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	65	478354	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	818419	5.36	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	95	1231014	5.21	
176 Chrysene	228	12.269	12.274	-0.005	94	1143523	5.08	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.071	13.082	-0.011	99	1406415	5.40	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	97	1279379	5.31	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					9
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	95	1281016	4.90	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	75	1222234	5.05	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	98	1242051	4.66	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	86	1057063	4.66	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	95	990562	4.59	
S 189 Methyl Phenols,Total	100				0		5.08	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.284	0.0	7.284	91	98478	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.059	3.050	0.009	1	200	0	
T 194 Octadecane (TIC)	254	13.366	6.297	7.066	91	40586	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

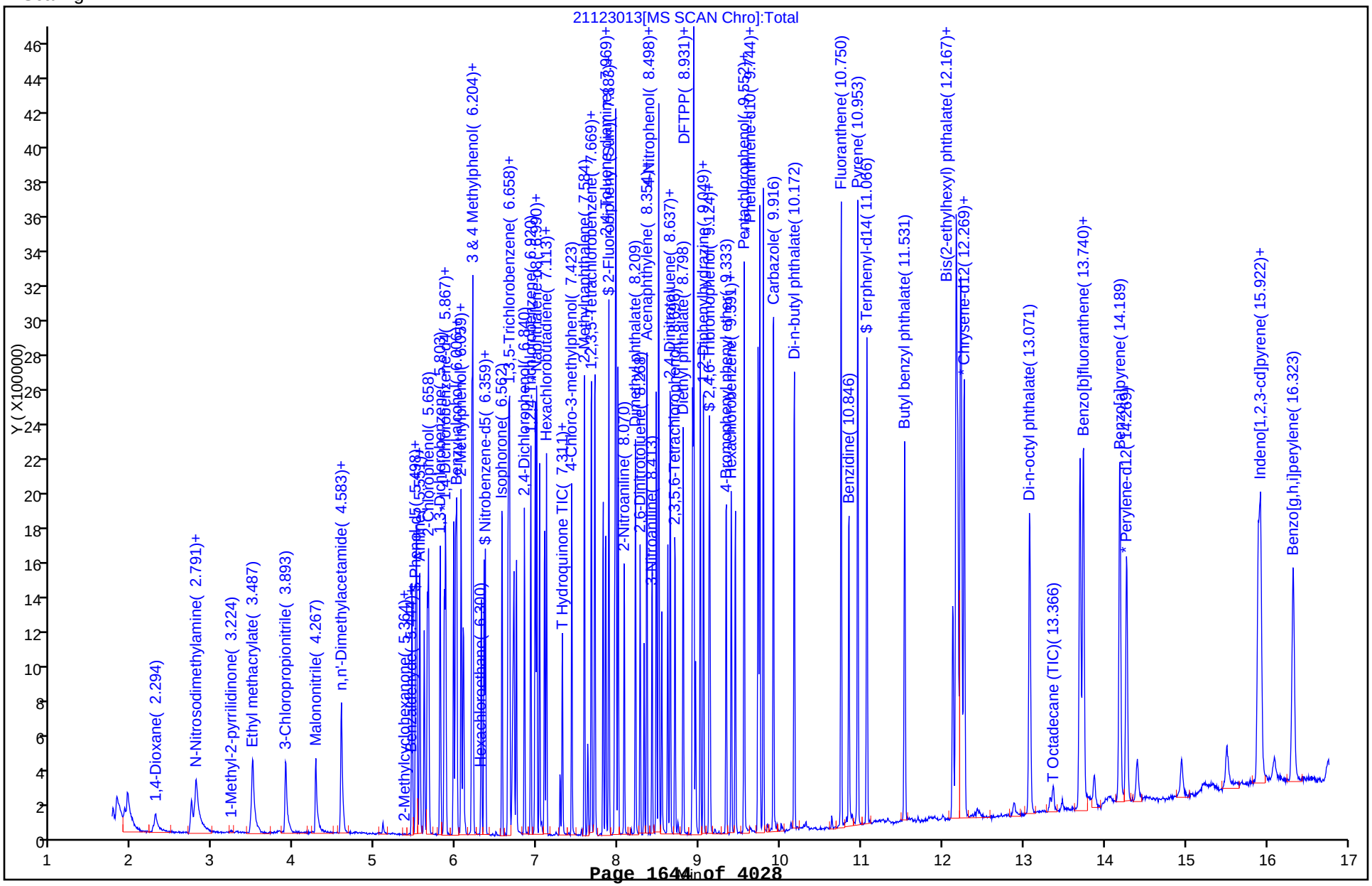
Report Date: 26-Nov-2012 11:33:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123013.D

Injection Date:	23-Nov-2012 14:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66246/3

Matrix: Solid | Lab File ID: 21126003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/26/2012 10:53

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.04		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.94		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.03		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.09		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.08		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.13		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.51		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.15		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.49		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.15		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.14		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.13		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.16		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.27		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.11		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.12		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.13		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.85		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.11		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.10		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.02		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.99		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.90		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.11		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.09		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.17		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.04		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.22		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.07		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.22		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.05		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.12		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.08		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	10.1		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66246/3

Matrix: Solid | Lab File ID: 21126003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/26/2012 10:53

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.18		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.98		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.99		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.19		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.95		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.12		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.14		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.28		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.07		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.15		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.17		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.02		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.17		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.01		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.07		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.35		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.39		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.01		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.43		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.30		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.03		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.18		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.04		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.1		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.88		0.00020	0.00010	0.00010
108-95-2	Phenol	5.18		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.96		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.18		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.44		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.23		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66246/3

Matrix: Solid | Lab File ID: 21126003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/26/2012 10:53

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	100		50-150
367-12-4	2-Fluorophenol (Surr)	101		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	108	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	107		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 26-Nov-2012 10:53:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015260-003
Misc. Info.: mrl qc
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 66246
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 26-Nov-2012 11:19:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	94	155530	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	100	587248	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	341343	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	583624	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	94	589411	4.00	
* 6 Perylene-d12	264	14.251	14.251	0.0	96	494049	4.00	
$ 7 2-Fluorophenol	112	4.565	4.565	0.0	93	241920	5.03	
$ 8 Phenol-d5	99	5.485	5.485	0.0	96	316538	5.19	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	90	277998	5.38	
$ 10 2-Fluorobiphenyl (Surr)	172	7.870	7.876	-0.006	99	551499	4.98	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	75494	5.35	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	98	558833	5.12	
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.260	2.254	0.006	96	92635	5.13	M
25 N-Nitrosodimethylamine	74	2.698	2.698	0.0	87	149256	4.99	
26 Pyridine	79	2.752	2.757	-0.005	94	266882	5.16	
232 1-Methyl-2-pyrrilidinone	99		3.271					
27 Ethyl methacrylate	69	3.458	3.458	0.0	89	219387	5.10	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.875	3.870	0.005	89	161692	5.64	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.249	4.250	-0.001	99	280762	5.19	
33 Acrylamide	71	4.388	4.401	-0.013	1	56	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.586	4.536	0.050	0	1928	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.362	5.376	-0.014	1	114	0	
38 3-Methylcyclohexanone	69	5.453	5.414	0.039	1	189	0	
40 Benzaldehyde	77	5.442	5.437	0.005	95	213668	5.27	
39 4-Methylcyclohexanone	55	5.496	5.462	0.034	19	28432	0	
41 Phenol	94	5.496	5.501	-0.005	99	337016	5.18	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.533	5.533	0.0	97	415866	5.11	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	94	257918	5.13	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.645	5.646	-0.001	95	268594	5.11	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	95	292699	5.17	
48 1,4-Dichlorobenzene	146	5.854	5.854	0.0	92	287838	5.11	
49 Benzyl alcohol	108	5.956	5.956	0.0	92	166951	5.15	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	93	273160	5.09	
51 2-Methylphenol	108	6.047	6.047	-0.001	96	245190	5.17	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	91	387584	5.25	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.180	6.180	0.0	97	249174	5.01	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	91	182587	5.18	
57 Acetophenone	105	6.196	6.196	0.0	96	352891	5.02	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					9
60 Hexachloroethane	117	6.298	6.298	0.0	93	115930	5.07	
61 Nitrobenzene	77	6.346	6.346	0.0	80	289777	5.43	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.555	6.555	0.0	97	484496	5.17	
65 2-Nitrophenol	139	6.624	6.624	0.0	96	133109	5.30	
66 1,3,5-Trichlorobenzene	180	6.635	6.635	0.0	96	247142	5.31	
64 2,4-Dimethylphenol	107	6.646	6.646	0.0	93	257913	5.22	
69 Benzoic acid	122	6.699	6.715	-0.016	87	270092	9.15	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	99	305733	5.14	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	95	203687	5.22	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	93	240808	5.18	
73 Naphthalene	128	6.983	6.983	0.0	95	744346	5.07	
74 4-Chloroaniline	127	7.015	7.015	0.0	85	315124	5.04	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.079	7.079	0.0	95	129541	5.14	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.100	7.100	0.0	90	223991	0	
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113	7.298	7.304	-0.006	77	82018	5.47	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	92	215109	5.13	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	89	471237	5.02	
86 1-Methylnaphthalene	142	7.656	7.657	-0.001	90	467103	5.23	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	73	146025	5.28	
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	97	235405	5.07	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	90	150546	5.23	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	96	168589	5.44	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	98	158074	5.29	
96 1,2,3,4 -Tetrachlorobenzene	216	7.951	7.956	-0.005	95	226369	0	
227 Isosafrole Peak 2	162		7.960					
95 1,1'-Biphenyl	154	7.961	7.961	0.0	94	584947	4.85	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	456865	4.85	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.063	8.063	0.0	85	148137	5.35	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163	8.202	8.202	0.0	99	506457	5.05	
102 1,4-Dinitrobenzene	168		8.211					
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	96	109884	4.98	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	89	59938	5.39	
107 Acenaphthylene	152	8.341	8.341	0.0	94	768508	4.94	
108 3-Nitroaniline	138	8.405	8.405	0.0	95	135147	5.39	
110 Acenaphthene	153	8.485	8.486	-0.001	92	472151	5.04	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	77	140786	10.1	
111 4-Nitrophenol	109	8.528	8.528	0.0	92	72647	5.03	
112 2,4-Dinitrotoluene	165	8.598	8.598	0.0	89	154415	5.18	
114 Dibenzofuran	168	8.630	8.630	0.0	89	681647	4.90	
113 Pentachlorobenzene	250		8.633					9
115 2,3,5,6-Tetrachlorophenol	232	8.689	8.689	0.0	90	138376	5.42	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
119 Diethyl phthalate	149	8.790	8.791	0.0	97	530932	5.07	
118 2-Naphthylamine	143		8.799					
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	89	269127	5.10	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.919	8.919	0.0	93	552515	4.95	
123 4-Nitroaniline	138	8.919	8.919	0.0	55	134267	5.01	
126 4,6-Dinitro-2-methylphenol	198	8.945	8.946	-0.001	73	89924	5.08	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	405800	5.04	
128 Diphenylamine	169	9.004	9.040	-0.036	96	405800	4.60	
131 Azobenzene	77	9.042	9.042	0.0	99	564078	4.97	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	563965	4.97	
132 Sulfotepp	202	9.111	9.152	-0.041	77	64190	5.41	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	64	156955	5.27	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.384	9.384	0.0	95	156882	5.12	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.432	9.432	0.0	91	122862	5.61	
141 Pentachlorophenol	266	9.545	9.545	0.0	87	204049	10.1	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.732	9.732	0.0	97	777452	4.88	
147 Anthracene	178	9.780	9.780	0.0	97	796376	5.03	
148 DFTPP								
149 Carbazole	167	9.903	9.903	0.0	82	788015	5.12	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.160	10.160	0.0	100	885263	5.12	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.737	10.737	0.0	98	913507	5.19	
158 Benzidine	184	10.834	10.834	0.0	96	476874	5.05	
160 Pyrene	202	10.941	10.941	0.0	96	932540	4.96	
164 4,4'-DDE	246		11.005					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.358					
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	97	383946	5.11	
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.641					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.117	12.117	0.0	87	167304	4.65	
173 3,3'-Dichlorobenzidine	252	12.155	12.155	0.0	65	322681	5.04	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.155	12.155	0.0	69	150352	5.17	
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	547210	5.16	
175 Benzo[a]anthracene	228	12.203	12.203	0.0	94	837586	5.09	
176 Chrysene	228	12.251	12.251	0.0	96	786430	5.02	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.059	13.064	-0.005	99	843740	4.99	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	90	808472	5.13	
181 Benzo[k]fluoranthene	252	13.716	13.722	-0.006	99	940273	5.49	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.166	14.171	-0.005	77	805712	5.08	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.872	15.877	-0.005	98	902816	5.15	
187 Dibenz(a,h)anthracene	278	15.899	15.904	-0.005	73	743592	4.99	
188 Benzo[g,h,i]perylene	276	16.300	16.305	-0.005	95	779388	5.51	
S 189 Methyl Phenols,Total	100				0		5.17	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.271	0.0	7.271	90	41260	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.008	3.053	-0.042	1	130	0	
T 194 Octadecane (TIC)	254	13.866	6.300	7.566	86	8387	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

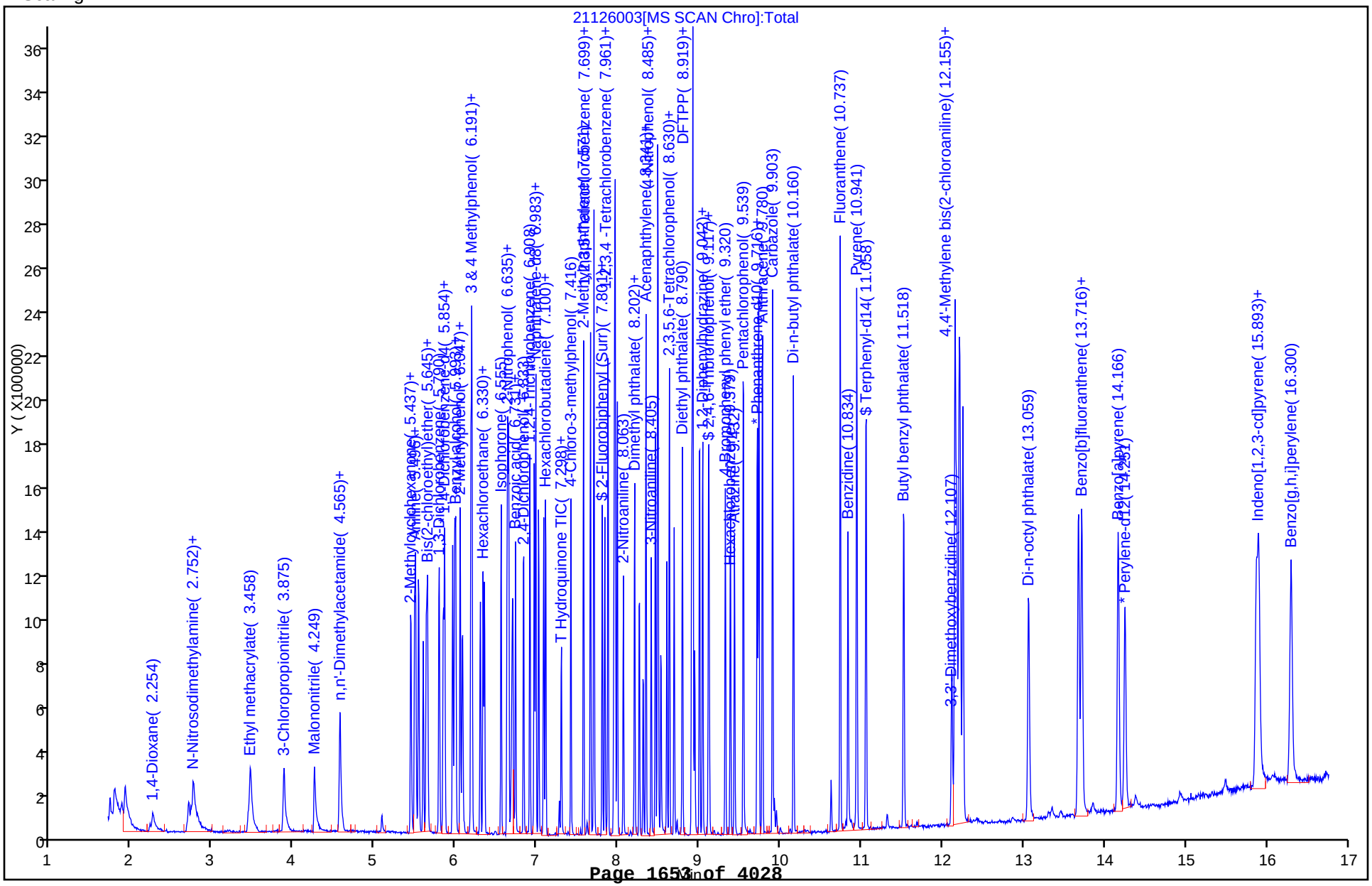
Report Date: 27-Nov-2012 16:01:34 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126003.D

Injection Date:	26-Nov-2012 10:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66246/17

Matrix: Solid | Lab File ID: 21126017.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/26/2012 17:05

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.09		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.09		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.19		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.26		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.12		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	6.08		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	2.92	^	0.00020	0.00010	0.00010
65-85-0	Benzoic acid	10.1		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.66		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.35		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.06		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.16		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.35		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.21		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.38		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.16		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.53		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.98		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.24		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.30		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.00		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	3.26	^	0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.06		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.09		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.15		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.11		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.19		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.35		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.23		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.47		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.26		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.29		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	3.59		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	6.79	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66246/17

Matrix: Solid | Lab File ID: 21126017.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/26/2012 17:05

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.64		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.50		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	7.54	^	0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.25		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.17		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.18		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.02		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.512	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	3.63		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	3.28	^	0.00020	0.00010	0.00010
78-59-1	Isophorone	5.43		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.18		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.37		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.20		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.15		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.74		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.72		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.32		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.29		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.70		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.14		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.54		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.06		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.94		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.96		0.00020	0.00010	0.00010
108-95-2	Phenol	5.36		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.05		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.10		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.48		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.47		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66246/17

Matrix: Solid | Lab File ID: 21126017.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/26/2012 17:05

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	100		50-150
367-12-4	2-Fluorophenol (Surr)	104		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	108	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	112		50-150
4165-62-2	Phenol-d5 (Surr)	107	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126017.D		
Lims ID:	mrl qccl	Client ID:	
Inject. Date:	26-Nov-2012 17:05:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015260-017		
Misc. Info.:	mrl qccl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	66246	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m		
Last Update:	27-Nov-2012 16:01:07	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	27-Nov-2012 13:41:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	219112	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	854131	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	92	503402	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	899446	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	96	921553	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	93	588274	4.00	
$ 7 2-Fluorophenol	112	4.565	4.565	0.0	93	351903	5.20	
$ 8 Phenol-d5	99	5.490	5.485	0.005	96	458200	5.33	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	89	405670	5.40	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	100	817563	5.01	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	116649	5.60	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	98	872425	5.11	
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.254	2.254	0.0	97	127478	5.01	
25 N-Nitrosodimethylamine	74	2.698	2.698	0.0	92	227085	5.36	
26 Pyridine	79	2.752	2.757	-0.005	97	387567	5.32	
232 1-Methyl-2-pyrrilidinone	99	3.351	3.271	0.080	0	311	0	
27 Ethyl methacrylate	69	3.458	3.458	0.0	92	304451	5.03	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.875	3.870	0.005	89	214034	5.30	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.249	4.250	-0.001	98	407417	5.35	
33 Acrylamide	71	4.405	4.401	0.004	1	482	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.517	4.536	-0.019	0	1088	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.389	5.376	0.013	1	65	0	
38 3-Methylcyclohexanone	69	5.431	5.414	0.017	12	153	0	
40 Benzaldehyde	77	5.442	5.437	0.005	92	306713	5.37	
39 4-Methylcyclohexanone	55	5.448	5.462	-0.014	11	744	0	
41 Phenol	94	5.501	5.501	0.0	99	491543	5.36	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.538	5.533	0.005	97	606857	5.29	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	94	365472	5.16	
45 Pentachloroethane	167		5.633					9
46 2-Chlorophenol	128	5.645	5.646	-0.001	98	388286	5.24	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	97	408098	5.11	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	82	403695	5.09	
49 Benzyl alcohol	108	5.956	5.956	0.0	91	244135	5.35	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	93	389541	5.15	
51 2-Methylphenol	108	6.052	6.047	0.005	94	358635	5.37	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	91	559551	5.38	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.180	6.180	0.0	98	364546	5.20	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	92	275147	5.54	
57 Acetophenone	105	6.196	6.196	0.0	94	527064	5.32	
55 N-Nitrosopyrrolidine	100		6.216					9
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.298	6.298	0.0	92	117149	3.63	
61 Nitrobenzene	77	6.351	6.346	0.005	84	410315	5.29	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.555	6.555	0.0	100	739918	5.43	
65 2-Nitrophenol	139	6.630	6.624	0.006	94	208133	5.70	
66 1,3,5-Trichlorobenzene	180	6.640	6.635	0.005	96	356248	5.26	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	93	392487	5.47	
69 Benzoic acid	122	6.710	6.715	-0.005	85	443740	10.1	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	94	437410	5.06	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	94	303590	5.35	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	93	345087	5.10	
73 Naphthalene	128	6.983	6.983	0.0	97	1099110	5.15	
74 4-Chloroaniline	127	7.020	7.015	0.005	87	484018	5.32	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.079	7.079	0.0	93	184165	5.02	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.106	7.100	0.006	92	332256	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.303	7.304	-0.001	75	114476	5.26	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	94	337220	5.53	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.571	7.571	0.0	91	707124	5.18	
86 1-Methylnaphthalene	142	7.656	7.657	-0.001	91	683189	5.26	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	46	20889	0.5121	
87 1,2,3,5-Tetrachlorobenzene	216	7.699	7.699	0.0	96	347525	5.08	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.806	7.801	0.005	91	232256	5.47	
91 2,4,5-Trichlorophenol	196	7.838	7.833	0.005	91	250467	5.48	
94 2,4-Toluene diamine	121	7.945	7.945	0.0	97	240582	5.53	
96 1,2,3,4 -Tetrachlorobenzene	216	7.956	7.956	0.0	95	331309	0	
227 Isosafrole Peak 2	162		7.960					
95 1,1'-Biphenyl	154	7.961	7.961	0.0	94	889031	5.00	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	692176	4.98	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.063	8.063	0.0	84	234322	5.74	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	777997	5.26	
102 1,4-Dinitrobenzene	168		8.211					
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	93	180405	5.50	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.309	8.309	0.0	90	92664	5.65	
107 Acenaphthylene	152	8.341	8.341	0.0	94	1168063	5.09	
108 3-Nitroaniline	138	8.411	8.405	0.006	96	211742	5.72	
110 Acenaphthene	153	8.486	8.486	0.0	95	702538	5.09	
109 2,4-Dinitrophenol	184	8.496	8.491	0.005	84	119210	6.79	
111 4-Nitrophenol	109	8.528	8.528	0.0	94	109596	5.14	
112 2,4-Dinitrotoluene	165	8.603	8.598	0.005	88	249197	5.64	
114 Dibenzofuran	168	8.630	8.630	0.0	89	1037460	5.06	
113 Pentachlorobenzene	250		8.633					9
115 2,3,5,6-Tetrachlorophenol	232	8.689	8.689	0.0	91	209374	5.56	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
119 Diethyl phthalate	149	8.790	8.791	0.0	97	808007	5.23	
118 2-Naphthylamine	143		8.799					9
120 Thionazin	97		8.901					
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	90	412912	5.30	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.924	8.919	0.005	90	851105	5.17	
123 4-Nitroaniline	138	8.924	8.919	0.005	76	210973	5.32	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	81	91494	3.59	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	627127	5.06	
128 Diphenylamine	169	9.004	9.040	-0.036	95	627127	4.61	
131 Azobenzene	77	9.042	9.042	0.0	99	858191	4.90	
129 1,2-Diphenylhydrazine	77	9.042	9.042	0.0	0	858191	4.90	
132 Sulfotepp	202	9.117	9.152	-0.035	75	97388	5.33	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.325	9.320	0.005	63	238832	5.21	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.384	9.384	0.0	90	244537	5.18	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.438	9.432	0.006	90	187755	5.56	
141 Pentachlorophenol	266	9.545	9.545	0.0	89	308610	9.94	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.737	9.732	0.005	97	1217828	4.96	
147 Anthracene	178	9.780	9.780	0.0	97	1266401	5.19	
148 DFTPP								
149 Carbazole	167	9.908	9.903	0.005	82	1224320	5.16	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	100	1409228	5.29	
152 Diphenylsulfone	125		10.209					9
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					9
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.743	10.737	0.006	97	1425406	5.25	
158 Benzidine	184	10.839	10.834	0.005	99	751363	5.09	
160 Pyrene	202	10.946	10.941	0.005	97	1486238	5.05	
164 4,4'-DDE	246		11.005					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					9
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.358					
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	97	634625	5.38	
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					9
168 4,4'-DDT	235		11.641					
169 2-Acetylaminofluorene	181		11.859					9
170 3,3'-Dimethoxybenzidine	244	12.117	12.117	0.0	93	364603	6.15	
173 3,3'-Dichlorobenzidine	252	12.160	12.155	0.005	66	520715	5.19	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.160	12.155	0.005	66	249825	5.48	
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	889421	5.35	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	95	1352552	5.26	
176 Chrysene	228	12.256	12.251	0.005	94	1224594	5.00	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					9
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	99	1574836	7.54	
180 Benzo[b]fluoranthene	252	13.684	13.679	0.005	95	1141590	6.08	
181 Benzo[k]fluoranthene	252	13.727	13.722	0.005	99	1154523	5.66	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					9
182 Benzo[a]pyrene	252	14.176	14.171	0.005	77	967952	5.12	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					9
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	97	673614	3.28	
187 Dibenz(a,h)anthracene	278	15.909	15.904	0.005	82	566655	3.26	
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	89	492132	2.92	
S 189 Methyl Phenols,Total	100				0		5.37	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.271	0.0	7.271	87	149433	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.062	3.053	0.012	16	68	0	
T 194 Octadecane (TIC)	254	14.390	6.300	8.090	94	108071	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

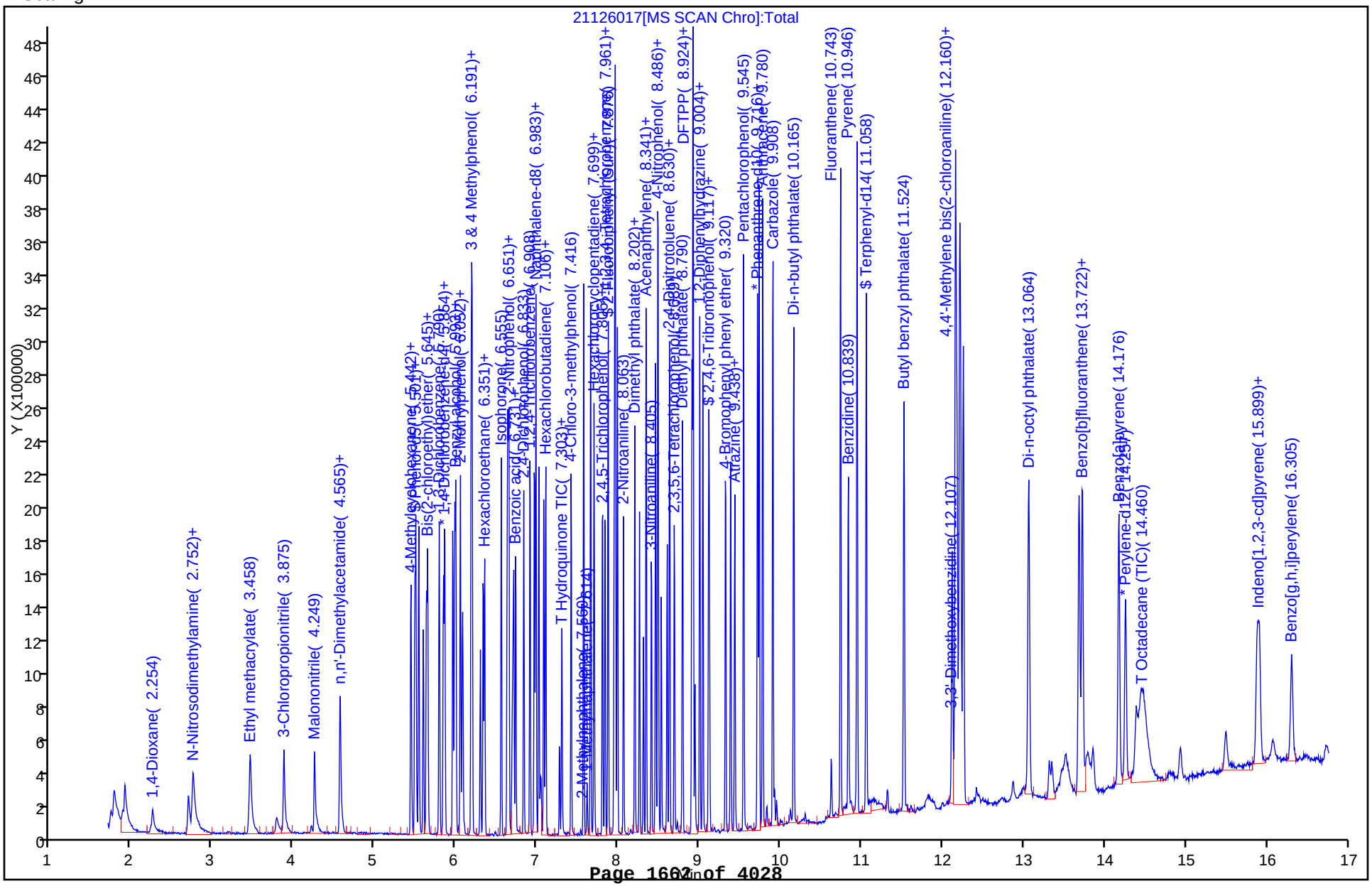
Report Date: 27-Nov-2012 16:01:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126017.D

Injection Date:	26-Nov-2012 17:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS | Lab Sample ID: 240-17422-2 MS

Matrix: Solid | Lab File ID: 21123009.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.67(g) | Date Analyzed: 11/23/2012 12:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	460		6.7	3.3	3.3
208-96-8	Acenaphthylene	467		6.7	3.3	3.3
120-12-7	Anthracene	508		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	535		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	456		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	534		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	489		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	486		6.7	3.3	3.3
100-51-6	Benzyl alcohol	449		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	417		100	27	22
111-44-4	Bis(2-chloroethyl)ether	386		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	399		100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	569		51	27	19
101-55-3	4-Bromophenyl phenyl ether	510		51	27	13
85-68-7	Butyl benzyl phthalate	537		51	27	10
86-74-8	Carbazole	479		51	27	27
106-47-8	4-Chloroaniline	33.9	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	531		150	27	21
91-58-7	2-Chloronaphthalene	434		51	3.3	3.3
95-57-8	2-Chlorophenol	425		51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	511		51	27	13
218-01-9	Chrysene	553		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	463		6.7	3.3	3.3
132-64-9	Dibenzofuran	468		51	3.3	3.3
106-46-7	1,4-Dichlorobenzene	368		51	27	20
95-50-1	1,2-Dichlorobenzene	351		51	27	9.8
541-73-1	1,3-Dichlorobenzene	331		51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	482		150	27	20
84-66-2	Diethyl phthalate	531		51	27	16
105-67-9	2,4-Dimethylphenol	378		150	81	20
131-11-3	Dimethyl phthalate	513		51	27	17
84-74-2	Di-n-butyl phthalate	558		51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS | Lab Sample ID: 240-17422-2 MS

Matrix: Solid | Lab File ID: 21123009.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.67(g) | Date Analyzed: 11/23/2012 12:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	414		150	81	81
51-28-5	2,4-Dinitrophenol	431		330	81	81
121-14-2	2,4-Dinitrotoluene	529		200	27	27
606-20-2	2,6-Dinitrotoluene	526		200	27	21
117-84-0	Di-n-octyl phthalate	546		51	27	27
206-44-0	Fluoranthene	547		6.7	3.3	3.3
86-73-7	Fluorene	498		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	495		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	379		51	27	27
77-47-4	Hexachlorocyclopentadiene	231	J	330	27	27
67-72-1	Hexachloroethane	350		51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	470		6.7	3.3	3.3
78-59-1	Isophorone	470		51	27	13
91-57-6	2-Methylnaphthalene	435		6.7	3.3	3.3
95-48-7	2-Methylphenol	432		200	81	81
15831-10-4	3 & 4 Methylphenol	918		400	81	20
91-20-3	Naphthalene	409		6.7	3.3	3.3
88-74-4	2-Nitroaniline	545		200	27	9.2
99-09-2	3-Nitroaniline	56.2	J	200	81	16
100-01-6	4-Nitroaniline	131	J	200	27	26
98-95-3	Nitrobenzene	410		100	3.3	2.2
88-75-5	2-Nitrophenol	445		51	27	27
100-02-7	4-Nitrophenol	528		330	81	81
621-64-7	N-Nitrosodi-n-propylamine	437		51	27	27
86-30-6	N-Nitrosodiphenylamine	477		51	27	21
87-86-5	Pentachlorophenol	559		150	81	81
85-01-8	Phenanthrene	510		6.7	3.3	3.3
108-95-2	Phenol	451		51	27	27
129-00-0	Pyrene	502		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	376		51	27	27
95-95-4	2,4,5-Trichlorophenol	535		150	27	25
88-06-2	2,4,6-Trichlorophenol	532		150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS | Lab Sample ID: 240-17422-2 MS

Matrix: Solid | Lab File ID: 21123009.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.67(g) | Date Analyzed: 11/23/2012 12:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	63		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
1718-51-0	Terphenyl-d14 (Surr)	80		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	84		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123009.D
Lims ID: 240-17422-A-2-U MS
Client ID: 076SS-0020M-0002-SO
Inject. Date: 23-Nov-2012 12:38:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015199-009
Misc. Info.: 240-17422-a-2-u ms
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 66051
Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj
Date: 23-Nov-2012 13:33:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	97	154539	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	598724	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	350225	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	617389	4.00	
* 5 Chrysene-d12	240	12.231	12.242	-0.011	95	641253	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	574273	4.00	
$ 7 2-Fluorophenol	112	4.599	4.583	0.016	91	459304	9.61	
$ 8 Phenol-d5	99	5.503	5.503	0.0	90	617192	10.2	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	88	319633	6.07	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	717140	6.31	
$ 11 2,4,6-Tribromophenol	330	9.135	9.135	0.0	89	181788	12.5	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	99	952015	8.02	
41 Phenol	94	5.514	5.514	0.0	98	432952	6.70	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	94	285864	5.72	
46 2-Chlorophenol	128	5.658	5.658	0.0	91	329445	6.31	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	96	276247	4.91	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	89	305056	5.45	
49 Benzyl alcohol	108	5.968	5.968	0.0	92	214570	6.67	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	277511	5.20	
51 2-Methylphenol	108	6.059	6.059	0.0	96	301850	6.40	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	91	434333	5.93	
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	93	673072	13.6	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	87	226757	6.48	
60 Hexachloroethane	117	6.311	6.311	0.0	93	118048	5.19	
61 Nitrobenzene	77	6.359	6.364	-0.005	84	331264	6.09	
63 Isophorone	82	6.562	6.567	-0.005	99	666505	6.98	
65 2-Nitrophenol	139	6.637	6.642	-0.005	96	169176	6.61	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	92	281895	5.60	
69 Benzoic acid	122	6.696	6.728	-0.032	83	82326	3.75	
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	98	374877	6.18	

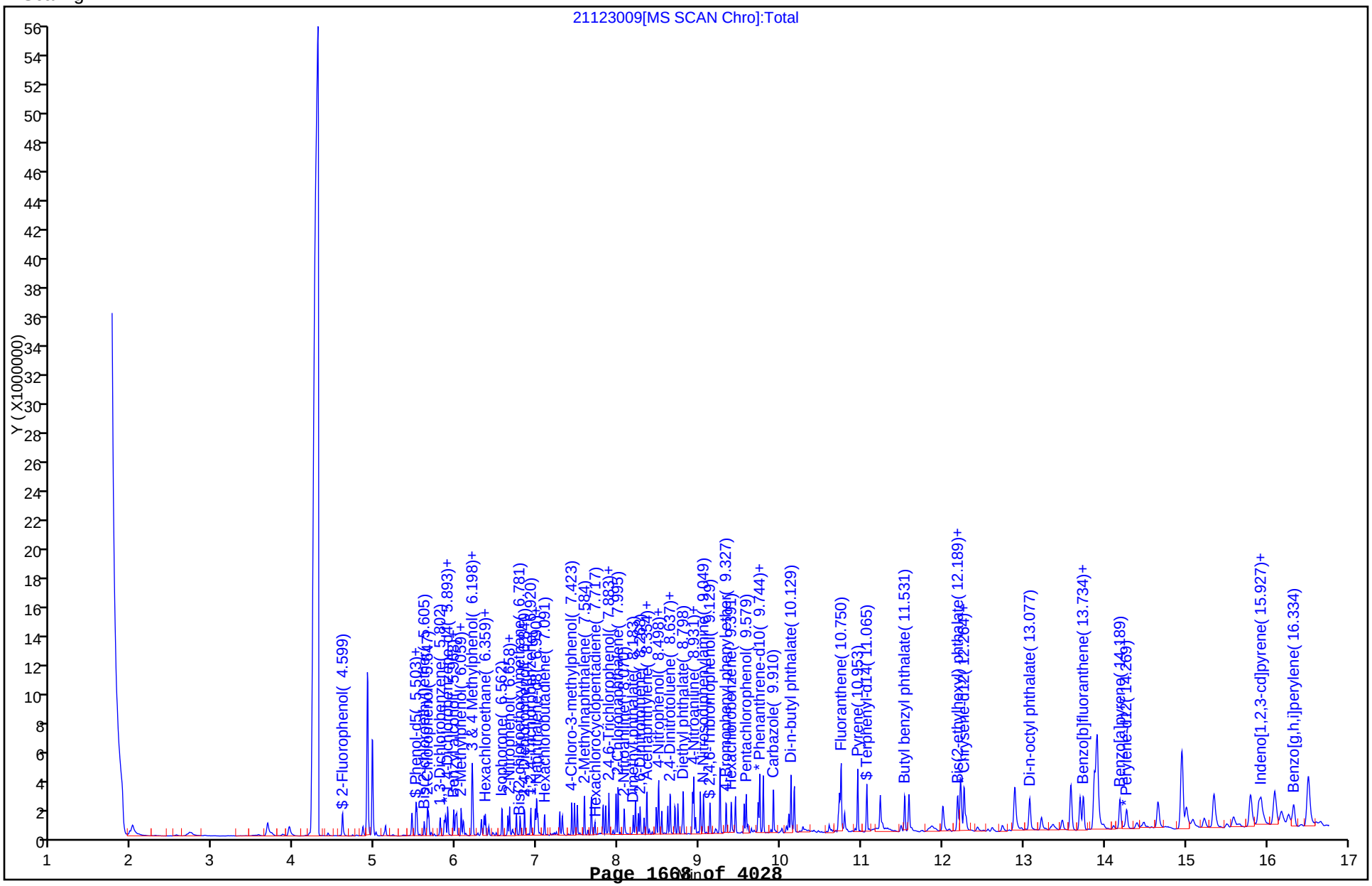
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	95	284281	7.15	
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	92	264858	5.58	
73 Naphthalene	128	6.990	6.995	-0.005	95	908723	6.07	
74 4-Chloroaniline	127	7.027	7.033	-0.006	66	32068	0.5029	
77 Hexachlorobutadiene	225	7.091	7.091	0.0	89	144525	5.63	
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	94	336641	7.88	
85 2-Methylnaphthalene	142	7.584	7.584	0.0	91	617191	6.45	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	85	97312	3.43	
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	90	233182	7.90	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	96	252322	7.93	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	97	623063	6.44	
100 2-Nitroaniline	65	8.070	8.076	-0.006	81	229572	8.09	
103 Dimethyl phthalate	163	8.209	8.215	-0.006	99	782497	7.61	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	91	182170	7.80	
107 Acenaphthylene	152	8.354	8.354	0.0	94	1106605	6.93	
108 3-Nitroaniline	138	8.418	8.418	0.0	88	21485	0.8344	
110 Acenaphthene	153	8.498	8.498	0.0	94	655187	6.82	
109 2,4-Dinitrophenol	184	8.503	8.509	-0.006	69	75826	6.40	
111 4-Nitrophenol	109	8.536	8.536	0.0	91	116244	7.84	
112 2,4-Dinitrotoluene	165	8.610	8.616	-0.006	92	246464	7.84	
114 Dibenzofuran	168	8.643	8.643	0.0	86	989262	6.94	
119 Diethyl phthalate	149	8.798	8.803	-0.005	97	846892	7.88	
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	410939	7.59	
124 Fluorene	166	8.931	8.931	0.0	91	845290	7.38	
123 4-Nitroaniline	138	8.931	8.937	-0.006	43	48650	1.95	
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	76	118388	6.14	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	602895	7.08	
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	61	238154	7.56	
139 Hexachlorobenzene	284	9.391	9.397	-0.006	86	237982	7.34	
141 Pentachlorophenol	266	9.552	9.557	-0.005	89	174896	8.29	
146 Phenanthrene	178	9.744	9.750	-0.006	97	1276545	7.57	
147 Anthracene	178	9.787	9.792	-0.005	97	1262115	7.53	
149 Carbazole	167	9.916	9.916	0.0	81	1157756	7.11	
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1513607	8.28	
157 Fluoranthene	202	10.750	10.755	-0.005	94	1512583	8.12	
160 Pyrene	202	10.953	10.959	-0.005	98	1523819	7.45	
166 Butyl benzyl phthalate	149	11.536	11.536	0.0	97	665603	7.97	
173 3,3'-Dichlorobenzidine	252		12.178					
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	1001178	8.45	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	98	1419837	7.93	
176 Chrysene	228	12.264	12.274	-0.010	95	1400203	8.21	
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	99	1661112	8.09	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	96	1451908	7.93	
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	99	1434816	7.21	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	75	1262822	6.77	
186 Indeno[1,2,3-cd]pyrene	276	15.906	15.906	0.0	96	1435527	6.98	
187 Dibenz(a,h)anthracene	278	15.927	15.933	-0.006	64	1204108	6.86	
188 Benzo[g,h,i]perylene	276	16.334	16.334	0.0	89	1193409	7.26	

Report Date: 26-Nov-2012 11:33:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123009.D		
Injection Date:	23-Nov-2012 12:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS | Lab Sample ID: 240-17422-6 MS

Matrix: Solid | Lab File ID: 21126007.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.31(g) | Date Analyzed: 11/26/2012 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	428		6.6	3.3	3.3
208-96-8	Acenaphthylene	438		6.6	3.3	3.3
120-12-7	Anthracene	474		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	503		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	464		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	553		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	444		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	490		6.6	3.3	3.3
100-51-6	Benzyl alcohol	445		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	387		99	27	22
111-44-4	Bis(2-chloroethyl)ether	382		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	381		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	491		49	27	19
101-55-3	4-Bromophenyl phenyl ether	474		49	27	13
85-68-7	Butyl benzyl phthalate	469		49	27	9.9
86-74-8	Carbazole	456		49	27	27
106-47-8	4-Chloroaniline	160		150	27	17
59-50-7	4-Chloro-3-methylphenol	494		150	27	21
91-58-7	2-Chloronaphthalene	407		49	3.3	3.3
95-57-8	2-Chlorophenol	393		49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	453		49	27	13
218-01-9	Chrysene	538		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	412		6.6	3.3	3.3
132-64-9	Dibenzofuran	434		49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	376		49	27	20
95-50-1	1,2-Dichlorobenzene	353		49	27	9.6
541-73-1	1,3-Dichlorobenzene	335		49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U J	99	79	18
120-83-2	2,4-Dichlorophenol	463		150	27	20
84-66-2	Diethyl phthalate	468		49	27	16
105-67-9	2,4-Dimethylphenol	414		150	79	20
131-11-3	Dimethyl phthalate	463		49	27	17
84-74-2	Di-n-butyl phthalate	509		49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS | Lab Sample ID: 240-17422-6 MS

Matrix: Solid | Lab File ID: 21126007.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.31(g) | Date Analyzed: 11/26/2012 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	370		150	79	79
51-28-5	2,4-Dinitrophenol	263	J	330	79	79
121-14-2	2,4-Dinitrotoluene	470		200	27	27
606-20-2	2,6-Dinitrotoluene	483		200	27	21
117-84-0	Di-n-octyl phthalate	491		49	27	27
206-44-0	Fluoranthene	596		6.6	3.3	3.3
86-73-7	Fluorene	443		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	454		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	354		49	27	27
77-47-4	Hexachlorocyclopentadiene	68.4	J	330	27	27
67-72-1	Hexachloroethane	307		49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	440		6.6	3.3	3.3
78-59-1	Isophorone	426		49	27	13
91-57-6	2-Methylnaphthalene	479		6.6	3.3	3.3
95-48-7	2-Methylphenol	434		200	79	79
15831-10-4	3 & 4 Methylphenol	931		400	79	20
91-20-3	Naphthalene	422		6.6	3.3	3.3
88-74-4	2-Nitroaniline	480		200	27	9.0
99-09-2	3-Nitroaniline	183	J	200	79	16
100-01-6	4-Nitroaniline	211	J	200	27	26
98-95-3	Nitrobenzene	377		99	3.3	2.2
88-75-5	2-Nitrophenol	410		49	27	27
100-02-7	4-Nitrophenol	471		330	79	79
621-64-7	N-Nitrosodi-n-propylamine	414		49	27	27
86-30-6	N-Nitrosodiphenylamine	487		49	27	21
87-86-5	Pentachlorophenol	457		150	79	79
85-01-8	Phenanthrene	515		6.6	3.3	3.3
108-95-2	Phenol	458		49	27	27
129-00-0	Pyrene	509		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	348		49	27	27
95-95-4	2,4,5-Trichlorophenol	464		150	27	25
88-06-2	2,4,6-Trichlorophenol	466		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS | Lab Sample ID: 240-17422-6 MS

Matrix: Solid | Lab File ID: 21126007.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.31(g) | Date Analyzed: 11/26/2012 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	61		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125
4165-62-2	Phenol-d5 (Surr)	66		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126007.D
Lims ID: 240-17422-A-6-U MS
Client ID: 073SS-0003M-0002-SO
Inject. Date: 26-Nov-2012 12:26:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015260-007
Misc. Info.: 240-17422-a-6-u ms
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 66246
Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:32:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	136601	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	553904	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	334084	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	563078	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	92	613037	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	96	524952	4.00	
$ 7 2-Fluorophenol	112	4.587	4.565	0.022	93	386546	9.15	
$ 8 Phenol-d5	99	5.496	5.485	0.011	89	531741	9.92	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	87	278584	5.72	
$ 10 2-Fluorobiphenyl (Surr)	172	7.871	7.876	-0.005	99	636103	5.87	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	93	151423	11.0	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	780501	6.87	
41 Phenol	94	5.507	5.501	0.005	99	396876	6.94	
44 Bis(2-chloroethyl)ether	93	5.592	5.592	0.0	93	255691	5.79	
46 2-Chlorophenol	128	5.651	5.646	0.005	92	275090	5.96	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	96	253000	5.08	
48 1,4-Dichlorobenzene	146	5.860	5.854	0.006	82	281471	5.69	
49 Benzyl alcohol	108	5.956	5.956	0.0	89	191820	6.74	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	92	252355	5.35	
51 2-Methylphenol	108	6.052	6.047	0.005	96	274309	6.58	
52 2,2'-oxybis[1-chloropropane]	45	6.073	6.073	0.0	89	374152	5.77	
191 3 & 4 Methylphenol	108	6.186	6.180	0.006	91	616111	14.1	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	86	193966	6.27	
60 Hexachloroethane	117	6.298	6.298	0.0	90	93616	4.66	
61 Nitrobenzene	77	6.346	6.346	0.0	84	287482	5.71	
63 Isophorone	82	6.555	6.555	0.0	100	570147	6.45	
65 2-Nitrophenol	139	6.624	6.624	0.0	96	147257	6.22	
64 2,4-Dimethylphenol	107	6.646	6.646	0.0	87	292141	6.27	
69 Benzoic acid	122	6.678	6.715	-0.037	25	10959	1.77	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	99	329394	5.87	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	94	258105	7.01	
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	92	231152	5.27	
73 Naphthalene	128	6.983	6.983	0.0	95	885539	6.40	
74 4-Chloroaniline	127	7.020	7.015	0.005	73	143411	2.43	
77 Hexachlorobutadiene	225	7.079	7.079	0.0	93	127483	5.36	
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	96	295615	7.48	
85 2-Methylnaphthalene	142	7.571	7.571	0.0	87	643022	7.26	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	85	28061	1.04	
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	92	199013	7.07	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	95	213524	7.04	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	569277	6.17	
100 2-Nitroaniline	65	8.063	8.063	0.0	82	196963	7.27	
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	688802	7.02	
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	77	162236	7.31	
107 Acenaphthylene	152	8.341	8.341	0.0	95	1010775	6.63	
108 3-Nitroaniline	138	8.405	8.405	0.0	92	68205	2.78	
110 Acenaphthene	153	8.486	8.486	0.0	94	594236	6.48	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	53	29971	3.99	
111 4-Nitrophenol	109	8.528	8.528	0.0	93	100934	7.13	
112 2,4-Dinitrotoluene	165	8.598	8.598	0.0	91	212284	7.12	
114 Dibenzofuran	168	8.630	8.630	0.0	83	894874	6.58	
119 Diethyl phthalate	149	8.791	8.791	0.001	97	727427	7.09	
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	90	354525	6.86	
124 Fluorene	166	8.919	8.919	0.0	83	733766	6.72	
123 4-Nitroaniline	138	8.919	8.919	0.0	41	81013	3.19	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	85	97361	5.61	
130 N-Nitrosodiphenylamine	169	9.005	9.004	0.001	0	573667	7.39	
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	62	206439	7.19	
139 Hexachlorobenzene	284	9.384	9.384	0.0	89	203430	6.88	
141 Pentachlorophenol	266	9.545	9.545	0.0	88	131801	6.92	
146 Phenanthrene	178	9.737	9.732	0.005	97	1201612	7.81	
147 Anthracene	178	9.780	9.780	0.0	97	1097850	7.18	
149 Carbazole	167	9.903	9.903	0.0	81	1026864	6.92	
151 Di-n-butyl phthalate	149	10.160	10.160	0.0	100	1285212	7.71	
157 Fluoranthene	202	10.737	10.737	0.0	97	1535333	9.04	
160 Pyrene	202	10.941	10.941	0.0	97	1509526	7.72	
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	97	564191	7.11	
173 3,3'-Dichlorobenzidine	252		12.155					9
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	97	837094	7.44	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	92	1304419	7.62	
176 Chrysene	228	12.251	12.251	0.0	93	1328435	8.15	
178 Di-n-octyl phthalate	149	13.059	13.064	-0.005	98	1386586	7.44	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	93	1404085	8.38	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	99	1350462	7.42	
182 Benzo[a]pyrene	252	14.171	14.171	0.0	77	1201521	7.03	
186 Indeno[1,2,3-cd]pyrene	276	15.878	15.877	0.001	98	1251836	6.67	
187 Dibenz(a,h)anthracene	278	15.904	15.904	0.0	72	997957	6.25	
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	92	1011507	6.73	

QC Flag Legend

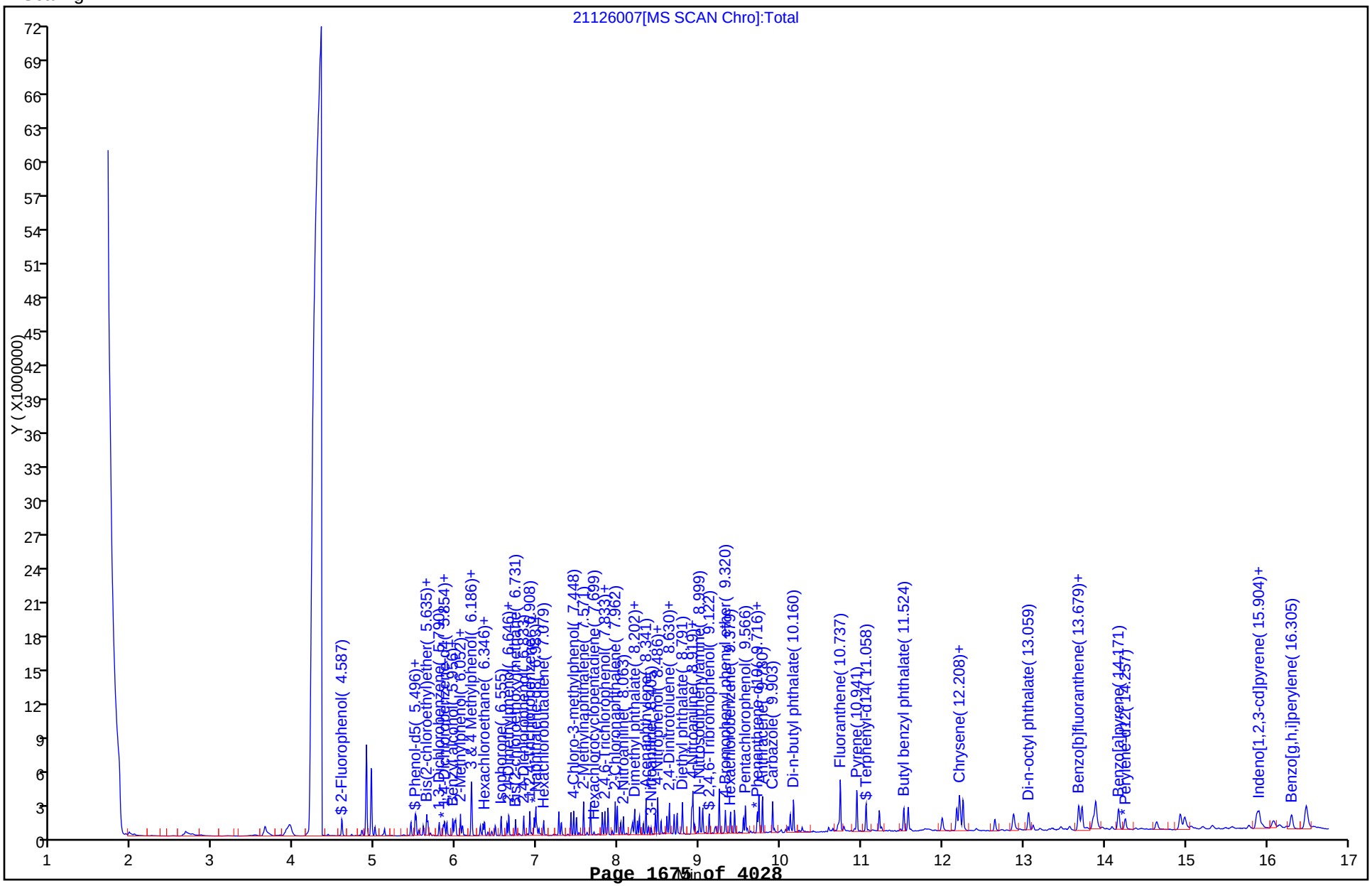
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 16:01:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126007.D		
Injection Date:	26-Nov-2012 12:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MS | Lab Sample ID: 240-17422-9 MS

Matrix: Solid | Lab File ID: 21126010.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.78(g) | Date Analyzed: 11/26/2012 13:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	474		6.7	3.3	3.3
208-96-8	Acenaphthylene	467		6.7	3.3	3.3
120-12-7	Anthracene	492		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	480		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	417		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	498		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	329		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	477		6.7	3.3	3.3
100-51-6	Benzyl alcohol	492		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	462		100	27	22
111-44-4	Bis(2-chloroethyl)ether	460		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	456		100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	502		50	27	19
101-55-3	4-Bromophenyl phenyl ether	507		50	27	13
85-68-7	Butyl benzyl phthalate	489		50	27	10
86-74-8	Carbazole	479		50	27	27
106-47-8	4-Chloroaniline	63.4	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	535		150	27	21
91-58-7	2-Chloronaphthalene	458		50	3.3	3.3
95-57-8	2-Chlorophenol	472		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	485		50	27	13
218-01-9	Chrysene	504		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	330		6.7	3.3	3.3
132-64-9	Dibenzofuran	476		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	456		50	27	20
95-50-1	1,2-Dichlorobenzene	435		50	27	9.8
541-73-1	1,3-Dichlorobenzene	422		50	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	509		150	27	20
84-66-2	Diethyl phthalate	506		50	27	16
105-67-9	2,4-Dimethylphenol	440		150	81	20
131-11-3	Dimethyl phthalate	504		50	27	17
84-74-2	Di-n-butyl phthalate	527		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MS | Lab Sample ID: 240-17422-9 MS

Matrix: Solid | Lab File ID: 21126010.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.78(g) | Date Analyzed: 11/26/2012 13:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	375		150	81	81
51-28-5	2,4-Dinitrophenol	361		330	81	81
121-14-2	2,4-Dinitrotoluene	511		200	27	27
606-20-2	2,6-Dinitrotoluene	501		200	27	21
117-84-0	Di-n-octyl phthalate	532		50	27	27
206-44-0	Fluoranthene	544		6.7	3.3	3.3
86-73-7	Fluorene	484		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	493		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	436		50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	273		50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	343		6.7	3.3	3.3
78-59-1	Isophorone	513		50	27	13
91-57-6	2-Methylnaphthalene	488		6.7	3.3	3.3
95-48-7	2-Methylphenol	480		200	81	81
15831-10-4	3 & 4 Methylphenol	992		400	81	20
91-20-3	Naphthalene	472		6.7	3.3	3.3
88-74-4	2-Nitroaniline	520		200	27	9.2
99-09-2	3-Nitroaniline	58.6	J	200	81	16
100-01-6	4-Nitroaniline	142	J	200	27	26
98-95-3	Nitrobenzene	459		100	3.3	2.2
88-75-5	2-Nitrophenol	505		50	27	27
100-02-7	4-Nitrophenol	501		330	81	81
621-64-7	N-Nitrosodi-n-propylamine	505		50	27	27
86-30-6	N-Nitrosodiphenylamine	475		50	27	21
87-86-5	Pentachlorophenol	504		150	81	81
85-01-8	Phenanthrene	499		6.7	3.3	3.3
108-95-2	Phenol	504		50	27	27
129-00-0	Pyrene	458		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	439		50	27	27
95-95-4	2,4,5-Trichlorophenol	511		150	27	25
88-06-2	2,4,6-Trichlorophenol	509		150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MS | Lab Sample ID: 240-17422-9 MS

Matrix: Solid | Lab File ID: 21126010.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.78(g) | Date Analyzed: 11/26/2012 13:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	65		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	78		35-125
4165-62-2	Phenol-d5 (Surr)	74		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126010.D
Lims ID: 240-17422-A-9-Q MS
Client ID: 068SD-0009-0002-SO
Inject. Date: 26-Nov-2012 13:35:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015260-010
Misc. Info.: 240-17422-a-9-q ms
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 10
Lims Batch ID: 66246
Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:35:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	148009	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	575881	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	341611	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	595587	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	90	665459	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	95	543468	4.00	
$ 7 2-Fluorophenol	112	4.592	4.565	0.027	92	503487	11.0	
$ 8 Phenol-d5	99	5.496	5.485	0.011	96	642736	11.1	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	88	351337	6.94	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	721797	6.51	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	94	165736	11.7	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	98	856040	6.95	
41 Phenol	94	5.506	5.501	0.005	98	464481	7.50	
44 Bis(2-chloroethyl)ether	93	5.597	5.592	0.005	94	327657	6.85	
46 2-Chlorophenol	128	5.651	5.646	0.005	96	351961	7.03	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	96	338525	6.28	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	92	363367	6.78	
49 Benzyl alcohol	108	5.961	5.956	0.005	89	226019	7.33	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	93	330758	6.48	
51 2-Methylphenol	108	6.052	6.047	0.005	97	322349	7.14	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	91	476620	6.79	
191 3 & 4 Methylphenol	108	6.186	6.180	0.006	93	699343	14.8	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	83	252127	7.52	
60 Hexachloroethane	117	6.298	6.298	0.0	92	88446	4.06	
61 Nitrobenzene	77	6.351	6.346	0.005	85	357402	6.83	
63 Isophorone	82	6.555	6.555	0.0	98	701760	7.64	
65 2-Nitrophenol	139	6.629	6.624	0.005	93	185206	7.52	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	93	317212	6.55	
69 Benzoic acid	122	6.683	6.715	-0.032	32	12507	1.81	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	98	401592	6.88	

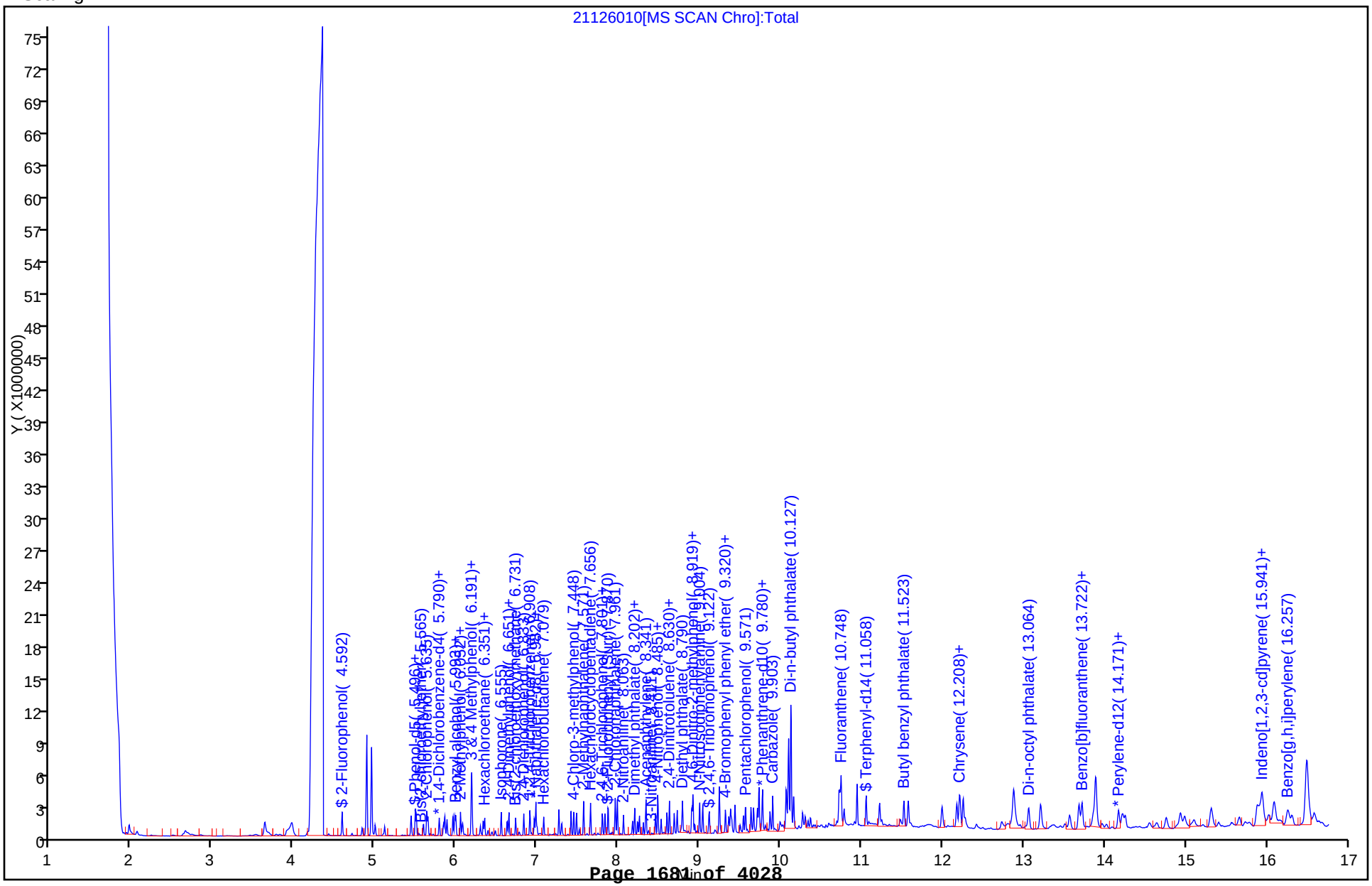
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	93	289982	7.58	
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	93	298178	6.54	
73 Naphthalene	128	6.982	6.983	-0.001	96	1011356	7.03	
74 4-Chloroaniline	127	7.020	7.015	0.005	63	57871	0.9435	
77 Hexachlorobutadiene	225	7.079	7.079	0.0	92	160538	6.50	
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	96	327367	7.97	
85 2-Methylnaphthalene	142	7.571	7.571	0.0	90	668378	7.26	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	78	8729	0.3153	
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	91	218328	7.58	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	95	236229	7.62	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	643051	6.82	
100 2-Nitroaniline	65	8.063	8.063	0.0	84	214453	7.74	
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	753102	7.51	
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	75	169510	7.46	
107 Acenaphthylene	152	8.341	8.341	0.0	94	1084609	6.96	
108 3-Nitroaniline	138	8.411	8.405	0.006	90	21927	0.8731	
110 Acenaphthene	153	8.485	8.486	-0.001	94	660995	7.05	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	69	55538	5.37	
111 4-Nitrophenol	109	8.528	8.528	0.0	90	107907	7.46	
112 2,4-Dinitrotoluene	165	8.598	8.598	0.0	91	232772	7.61	
114 Dibenzofuran	168	8.630	8.630	0.0	87	984901	7.08	
119 Diethyl phthalate	149	8.790	8.791	0.0	97	790248	7.53	
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	90	381973	7.23	
124 Fluorene	166	8.919	8.919	0.0	85	804482	7.20	
123 4-Nitroaniline	138	8.924	8.919	0.005	56	52022	2.11	
126 4,6-Dinitro-2-methylphenol	198	8.945	8.946	-0.001	83	102539	5.59	
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	580903	7.07	
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	64	229177	7.54	
139 Hexachlorobenzene	284	9.384	9.384	0.0	84	229858	7.35	
141 Pentachlorophenol	266	9.544	9.545	-0.001	87	152056	7.51	
146 Phenanthrene	178	9.737	9.732	0.005	97	1208103	7.42	
147 Anthracene	178	9.780	9.780	0.0	97	1184933	7.33	
149 Carbazole	167	9.903	9.903	0.0	81	1119035	7.13	
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	99	1382844	7.84	
157 Fluoranthene	202	10.748	10.737	0.011	93	1456269	8.10	
160 Pyrene	202	10.946	10.941	0.005	96	1448119	6.82	
166 Butyl benzyl phthalate	149	11.523	11.518	0.005	95	627877	7.28	
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	95	914191	7.48	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	96	1327376	7.15	
176 Chrysene	228	12.256	12.251	0.005	93	1329304	7.51	
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	98	1535797	7.92	
180 Benzo[b]fluoranthene	252	13.684	13.679	0.005	94	1285898	7.42	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	98	1337445	7.10	
182 Benzo[a]pyrene	252	14.171	14.171	0.0	75	1093410	6.21	
186 Indeno[1,2,3-cd]pyrene	276	15.877	15.877	0.0	98	982816	5.10	
187 Dibenz(a,h)anthracene	278	15.909	15.904	0.005	95	806084	4.92	
188 Benzo[g,h,i]perylene	276	16.311	16.305	0.006	91	762042	4.90	

Report Date: 27-Nov-2012 16:01:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126010.D		
Injection Date:	26-Nov-2012 13:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MS | Lab Sample ID: 240-17422-13 MS

Matrix: Water | Lab File ID: 21116009.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 11:55

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	14.4		0.19	0.095	0.095
208-96-8	Acenaphthylene	14.1		0.19	0.095	0.095
120-12-7	Anthracene	12.8		0.19	0.095	0.095
56-55-3	Benzo[a]anthracene	12.7		0.19	0.095	0.095
50-32-8	Benzo[a]pyrene	10.2	J	0.19	0.095	0.095
205-99-2	Benzo[b]fluoranthene	11.2		0.19	0.095	0.095
191-24-2	Benzo[g,h,i]perylene	12.7		0.19	0.095	0.095
65-85-0	Benzoic acid	14.2	J	24	9.5	9.5
207-08-9	Benzo[k]fluoranthene	13.8		0.19	0.095	0.095
100-51-6	Benzyl alcohol	14.8		4.8	0.76	0.36
111-91-1	Bis(2-chloroethoxy)methane	14.8		0.95	0.76	0.30
111-44-4	Bis(2-chloroethyl)ether	15.4		0.95	0.095	0.095
108-60-1	bis (2-chloroisopropyl) ether	14.9		0.95	0.76	0.38
117-81-7	Bis(2-ethylhexyl) phthalate	11.3		1.9	0.76	0.76
101-55-3	4-Bromophenyl phenyl ether	14.3		1.9	0.76	0.76
85-68-7	Butyl benzyl phthalate	13.2		0.95	0.76	0.76
86-74-8	Carbazole	14.2		0.95	0.76	0.27
106-47-8	4-Chloroaniline	9.21		1.9	0.76	0.76
59-50-7	4-Chloro-3-methylphenol	15.3		1.9	0.76	0.76
91-58-7	2-Chloronaphthalene	14.3		0.95	0.095	0.095
95-57-8	2-Chlorophenol	15.3		0.95	0.76	0.28
7005-72-3	4-Chlorophenyl phenyl ether	14.6		1.9	0.76	0.29
218-01-9	Chrysene	13.7		0.19	0.095	0.095
53-70-3	Dibenz(a,h)anthracene	13.0		0.19	0.095	0.095
132-64-9	Dibenzofuran	14.2		0.95	0.095	0.095
106-46-7	1,4-Dichlorobenzene	14.7		0.95	0.76	0.32
95-50-1	1,2-Dichlorobenzene	14.4		0.95	0.76	0.28
541-73-1	1,3-Dichlorobenzene	14.0		0.95	0.76	0.76
91-94-1	3,3'-Dichlorobenzidine	0.76	U J	4.8	0.76	0.35
120-83-2	2,4-Dichlorophenol	15.4		1.9	0.76	0.76
84-66-2	Diethyl phthalate	14.4		0.95	0.76	0.57
105-67-9	2,4-Dimethylphenol	12.8		1.9	0.76	0.76
131-11-3	Dimethyl phthalate	14.6		0.95	0.76	0.28
84-74-2	Di-n-butyl phthalate	14.6		0.95	0.76	0.64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MS | Lab Sample ID: 240-17422-13 MS

Matrix: Water | Lab File ID: 21116009.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 11:55

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	14.1		4.8	2.3	2.3
51-28-5	2,4-Dinitrophenol	11.5		4.8	2.3	2.3
121-14-2	2,4-Dinitrotoluene	15.4		4.8	0.76	0.26
606-20-2	2,6-Dinitrotoluene	15.3		4.8	0.76	0.76
117-84-0	Di-n-octyl phthalate	11.2		0.95	0.76	0.76
206-44-0	Fluoranthene	14.5		0.19	0.095	0.095
86-73-7	Fluorene	14.3		0.19	0.095	0.095
118-74-1	Hexachlorobenzene	14.5		0.19	0.095	0.095
87-68-3	Hexachlorobutadiene	13.5		0.95	0.76	0.26
77-47-4	Hexachlorocyclopentadiene	5.12	J	9.5	0.76	0.76
67-72-1	Hexachloroethane	13.9		0.95	0.76	0.76
193-39-5	Indeno[1,2,3-cd]pyrene	12.8		0.19	0.095	0.095
78-59-1	Isophorone	15.2		0.95	0.76	0.26
91-57-6	2-Methylnaphthalene	14.7		0.19	0.095	0.095
95-48-7	2-Methylphenol	15.3		0.95	0.76	0.76
15831-10-4	3 & 4 Methylphenol	30.7		1.9	0.76	0.76
91-20-3	Naphthalene	14.9		0.19	0.095	0.095
88-74-4	2-Nitroaniline	14.8		1.9	0.76	0.76
99-09-2	3-Nitroaniline	10.4		1.9	0.76	0.27
100-01-6	4-Nitroaniline	12.3		1.9	0.76	0.76
98-95-3	Nitrobenzene	14.5		0.95	0.095	0.038
88-75-5	2-Nitrophenol	15.4		1.9	0.76	0.27
100-02-7	4-Nitrophenol	13.7		4.8	2.3	2.3
621-64-7	N-Nitrosodi-n-propylamine	15.1		0.95	0.76	0.76
86-30-6	N-Nitrosodiphenylamine	13.7		0.95	0.76	0.30
87-86-5	Pentachlorophenol	12.7		4.8	2.3	2.3
85-01-8	Phenanthrene	14.4		0.19	0.095	0.095
108-95-2	Phenol	15.3		0.95	0.76	0.57
129-00-0	Pyrene	13.0		0.19	0.095	0.095
120-82-1	1,2,4-Trichlorobenzene	13.5		0.95	0.76	0.27
95-95-4	2,4,5-Trichlorophenol	14.1		4.8	0.76	0.29
88-06-2	2,4,6-Trichlorophenol	14.2		4.8	0.76	0.76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MS | Lab Sample ID: 240-17422-13 MS

Matrix: Water | Lab File ID: 21116009.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 11:55

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	73		50-110
367-12-4	2-Fluorophenol (Surr)	80		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	73		40-110
1718-51-0	Terphenyl-d14 (Surr)	75		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	81		40-125
4165-62-2	Phenol-d5 (Surr)	79		10-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116009.D
Lims ID: 240-17422-H-13-A MS Client ID: 076SW-0013-0002-SW
Inject. Date: 16-Nov-2012 11:55:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015012-009
Misc. Info.: 240-17422-H-13-A MS =240-17422-H-13-A MS
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 65294 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 12:32:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.677	3.677	0.0	88	123284	4.00	
* 2 Naphthalene-d8	136	4.638	4.639	-0.001	99	485832	4.00	
* 3 Acenaphthene-d10	164	5.926	5.931	-0.005	78	328806	4.00	
* 4 Phenanthrene-d10	188	7.005	7.010	-0.005	98	598223	4.00	
* 5 Chrysene-d12	240	8.943	8.949	-0.006	83	653163	4.00	
* 6 Perylene-d12	264	10.204	10.215	-0.011	93	518440	4.00	
$ 7 2-Fluorophenol	112	2.678	2.673	0.005	92	554034	12.0	
$ 8 Phenol-d5	99	3.373	3.373	0.0	0	785870	11.9	
$ 9 Nitrobenzene-d5	82	4.094	4.094	0.0	85	536017	7.28	
$ 10 2-Fluorobiphenyl (Surr)	172	5.418	5.424	-0.006	99	800449	7.32	
$ 11 2,4,6-Tribromophenol	330	6.497	6.503	-0.006	82	138211	12.1	
$ 12 Terphenyl-d14	244	8.137	8.142	-0.005	99	946396	7.54	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	1.583	1.578	0.005	81	146399	5.55	
26 N-Nitrosodimethylamine	74	1.765	1.765	0.0	80	305640	7.09	
27 Pyridine	79	1.802	1.792	0.010	91	42393	0.6460	
28 Ethyl methacrylate	69		2.032					9
29 3-Chloropropionitrile	54		2.224					
31 2-Picoline	93	2.278	2.338	-0.060	90	44837	0.6980	
32 N-Nitrosomethylethylamine	88		2.396					
33 Malononitrile	66		2.411					
34 Methyl methanesulfonate	80		2.610					9
233 n,n'-Dimethylacetamide	44		2.674					
30 3-Picoline	93		2.674					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.914					
37 Ethyl methanesulfonate	79	3.068	3.123	-0.055	93	338967	7.21	
38 2-Methylcyclohexanone	68		3.315					
39 3-Methylcyclohexanone	69		3.342					
41 Benzaldehyde	77	3.346	3.346	0.0	86	389915	7.48	
40 4-Methylcyclohexanone	55		3.379					
43 Phenol	94	3.383	3.383	0.0	95	572873	8.02	
44 Aniline	93	3.421	3.426	-0.005	94	359724	3.99	
69 Bis(2-chloroethyl)ether	93	3.453	3.458	-0.005	96	463888	8.07	
46 2-Chlorophenol	128	3.522	3.522	0.0	92	335256	8.02	
45 Pentachloroethane	167		3.529					
42 Phenylmercaptan	110		3.596					
47 1,3-Dichlorobenzene	146	3.640	3.640	0.0	85	353430	7.34	
48 1,4-Dichlorobenzene	146	3.688	3.693	-0.005	86	365431	7.74	
49 Benzyl alcohol	108	3.768	3.768	0.0	86	260736	7.78	
50 1,2-Dichlorobenzene	146	3.811	3.811	0.0	81	346409	7.58	
51 2-Methylphenol	108	3.843	3.848	-0.005	94	372635	8.02	
53 2,2'-oxybis[1-chloropropane]	45	3.864	3.864	0.0	99	392506	7.80	
232 1-Methyl-2-pyrrilidinone	99		3.880					
21 3 & 4 Methylphenol	108	3.960	3.960	0.0	95	796733	16.1	
57 N-Nitrosodi-n-propylamine	70	3.965	3.971	-0.006	72	397449	7.93	
58 Acetophenone	105	3.971	3.976	-0.005	88	569036	7.72	
56 N-Nitrosopyrrolidine	100		4.009					
59 N-Nitrosomorpholine	56		4.036					9
60 2-Toluidine	106		4.063					9
61 Hexachloroethane	117	4.067	4.067	0.0	95	142161	7.27	
52 Indene	115		4.084					
62 Nitrobenzene	77	4.104	4.110	-0.006	73	553272	7.59	
63 N-Nitrosopiperidine	114		4.276					
64 Isophorone	82	4.281	4.286	-0.005	94	1023895	7.98	
66 2-Nitrophenol	139	4.345	4.350	-0.005	94	195442	8.08	
65 2,4-Dimethylphenol	107	4.361	4.361	0.0	96	396664	6.71	
67 1,3,5-Trichlorobenzene	180		4.361					
70 Bis(2-chloroethoxy)methane	93	4.425	4.430	-0.005	97	526386	7.77	
68 o,o',o''-Triethylphosphorothioat	198		4.463					
71 Benzoic acid	122	4.430	4.468	-0.038	70	189664	7.45	
17 4-Chlorophenol	128		4.500					
73 2,4-Dichlorophenol	162	4.526	4.526	0.0	98	296867	8.07	
24 Catechol	110		4.592					
74 1,2,4-Trichlorobenzene	180	4.590	4.596	-0.006	83	313085	7.08	
75 Naphthalene	128	4.654	4.655	-0.001	98	985953	7.82	
76 4-Chloroaniline	127	4.676	4.681	-0.005	71	262435	4.84	
79 Hexachlorobutadiene	225	4.740	4.740	0.0	86	187058	7.11	
77 2,6-Dichlorophenol	162		4.752					
80 1,2,3-Trichlorobenzene	180		4.761					
78 Hexachloropropene	213		4.784					
72 alpha,alpha-Dimethyl phenethylam	58		4.848					9
15 3-Methylcatechol	124		4.913					
84 Caprolactam	113	4.932	4.948	-0.016	81	130018	7.65	
83 N-Nitrosodi-n-butylamine	84		4.976					9
85 p-Phenylene diamine	108		5.003					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
86 4-Chloro-3-methylphenol	107	5.028	5.034	-0.006	83	412220	8.03	
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162	5.082	5.142	-0.060	81	279131	7.99	
87 2-Methylnaphthalene	142	5.162	5.162	0.0	86	639839	7.71	
88 1-Methylnaphthalene	142	5.237	5.237	0.0	79	612841	7.78	
89 Hexachlorocyclopentadiene	237	5.279	5.280	-0.001	90	88202	2.69	
90 1,2,3,5-Tetrachlorobenzene	216		5.280					
91 1,2,4,5-Tetrachlorobenzene	216		5.350					
225 Isosafrole Peak 1	162		5.355					9
92 2,4,6-Trichlorophenol	196	5.365	5.365	0.0	87	238241	7.48	
93 2,4,5-Trichlorophenol	196	5.397	5.397	0.0	93	251411	7.38	
97 2,4-Toluene diamine	121		5.482					
98 1,1'-Biphenyl	154	5.498	5.499	0.0	96	803571	7.25	
99 1,2,3,4 -Tetrachlorobenzene	216		5.499					
100 2-Chloronaphthalene	162	5.520	5.525	-0.005	96	668542	7.52	
227 Isosafrole Peak 2	162		5.526					9
102 2-Nitroaniline	65	5.584	5.589	-0.005	72	295860	7.80	
105 Dimethyl phthalate	163	5.701	5.701	0.0	95	801408	7.67	
103 1,4-Naphthoquinone	158		5.702					
96 3,4-Dichloronitrobenzene	109		5.725					
104 1,4-Dinitrobenzene	168	5.675	5.729	-0.054	85	131867	8.70	
107 2,6-Dinitrotoluene	165	5.749	5.755	-0.006	68	193506	8.06	
101 Phenyl ether	170		5.773					
106 1,3-Dinitrobenzene	168	5.733	5.788	-0.055	82	143111	8.55	
108 1,2-Dinitrobenzene	168	5.797	5.803	-0.006	80	98101	8.10	
109 Acenaphthylene	152	5.829	5.830	-0.001	85	1045450	7.42	
110 3-Nitroaniline	138	5.878	5.883	-0.005	83	134874	5.45	
112 Acenaphthene	153	5.952	5.953	0.0	94	658573	7.56	
111 2,4-Dinitrophenol	184	5.958	5.963	-0.005	69	106940	6.04	
113 4-Nitrophenol	109	5.990	5.995	-0.005	85	129284	7.18	
114 2,4-Dinitrotoluene	165	6.048	6.054	-0.006	86	263128	8.10	
116 Dibenzofuran	168	6.075	6.081	-0.006	84	953003	7.48	
115 Pentachlorobenzene	250		6.114					
118 2,3,5,6-Tetrachlorophenol	232	6.129	6.134	-0.005	85	204848	7.43	
117 1-Naphthylamine	143		6.188					9
121 Diethyl phthalate	149	6.203	6.209	-0.006	96	780097	7.57	
119 2,3,4,6-Tetrachlorophenol	232	6.161	6.226	-0.065	70	207122	8.20	
120 2-Naphthylamine	143		6.247					9
123 4-Chlorophenyl phenyl ether	204	6.305	6.310	-0.005	89	433124	7.69	
126 Fluorene	166	6.326	6.326	0.0	72	811011	7.53	
122 Thionazin	97		6.327					
125 4-Nitroaniline	138	6.326	6.332	-0.006	44	171751	6.46	
128 4,6-Dinitro-2-methylphenol	198	6.348	6.353	-0.005	83	167862	7.42	
124 N-Nitro-o-toluidine	152		6.381					9
131 N-Nitrosodiphenylamine	169	6.390	6.396	-0.006	98	594355	7.18	
127 Tributyl phosphate	99		6.402					
133 Azobenzene	77	6.422	6.428	-0.006	96	1095582	7.19	
132 1,2-Diphenylhydrazine	77	6.422	6.428	-0.006	98	1092032	7.16	
130 Diphenylamine	169	6.390	6.450	-0.060	90	594355	6.36	
134 Sulfotepp	202		6.541					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
135 1,3,5-Trinitrobenzene	213		6.621					9
228 Diallate Peak 1	86		6.653					
137 Phenacetin	108	6.599	6.658	-0.059	87	454875	7.66	
139 4-Bromophenyl phenyl ether	248	6.663	6.663	0.0	63	228069	7.53	
138 Phorate	121	6.593	6.664	-0.071	87	150364	6.84	
230 Diallate Peak 2	86		6.723					9
141 Hexachlorobenzene	284	6.732	6.738	-0.006	91	220600	7.62	
142 Atrazine	200	6.759	6.764	-0.005	90	217272	7.59	
140 Dimethoate	87		6.787					9
143 Pentachlorophenol	266	6.866	6.871	-0.005	81	138707	6.66	
129 4-Aminobiphenyl	169		6.915					
144 Pronamide	173	6.876	6.942	-0.066	86	366025	7.65	
145 Pentachloronitrobenzene	237		6.942					
148 Phenanthrene	178	7.026	7.026	0.0	87	1211051	7.57	
146 Disulfoton	88		7.038					9
147 Dinoseb	211		7.043					
149 Anthracene	178	7.058	7.063	-0.005	87	1108203	6.71	
151 Carbazole	167	7.165	7.170	-0.005	82	1085168	7.47	
152 Methyl parathion	109		7.310					9
154 Di-n-butyl phthalate	149	7.378	7.379	-0.001	100	1390784	7.69	
155 Ethyl Parathion	97		7.582					
153 Diphenylsulfone	125		7.616					
156 4-Nitroquinoline-1-oxide	190		7.636					
157 Methapyrilene	58		7.673					
158 Isodrin	66		7.844					
159 Fluoranthene	202	7.886	7.891	-0.005	99	1423677	7.60	
160 Benzidine	184		7.961					
161 Pyrene	202	8.057	8.062	-0.005	95	1416216	6.82	
166 4,4'-DDE	246		8.097					
226 Aramite Peak 1	185		8.159					
229 Aramite Peak 2	185		8.213					
163 p-Dimethylamino azobenzene	225		8.304					
164 Chlorobenzilate	139	8.260	8.325	-0.065	93	384906	7.18	
165 4,4'-DDD	235		8.375					
168 Butyl benzyl phthalate	149	8.468	8.473	-0.005	93	615622	6.91	
167 Famphur	218		8.506					
169 3,3'-Dimethylbenzidine	212		8.549					9
170 4,4'-DDT	235		8.578					
171 2-Acetylaminofluorene	181		8.741					9
172 3,3'-Dimethoxybenzidine	244		8.863					
173 Bis(2-ethylhexyl) phthalate	149	8.874	8.879	-0.005	95	742038	5.93	
174 4,4'-Methylene bis(2-chloroanili	231		8.895					9
175 3,3'-Dichlorobenzidine	252	8.890	8.901	-0.011	6	10529	0.1471	
177 Benzo[a]anthracene	228	8.933	8.944	-0.011	89	1365916	6.66	
178 Chrysene	228	8.965	8.970	-0.005	91	1311499	7.18	
176 Hexabromobenzene	232		9.208					
180 Di-n-octyl phthalate	149	9.360	9.365	-0.005	99	1232795	5.88	
179 6-Methylchrysene	242		9.576					
182 Benzo[b]fluoranthene	252	9.819	9.830	-0.011	86	1126523	5.87	
183 Benzo[k]fluoranthene	252	9.846	9.857	-0.011	86	1276509	7.24	
181 7,12-Dimethylbenz(a)anthracene	256		9.895					9
184 Benzo[a]pyrene	252	10.150	10.161	-0.011	74	891968	5.35	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
185 3-Methylcholanthrene	268		10.638					
188 Indeno[1,2,3-cd]pyrene	276	11.550	11.577	-0.027	84	1154689	6.70	
189 Dibenz(a,h)anthracene	278	11.555	11.577	-0.022	69	984161	6.83	
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
190 Benzo[g,h,i]perylene	276	11.961	11.983	-0.022	92	964180	6.65	
S 191 Methyl Phenols,Total	100				0		24.1	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 194 Decane TIC	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 192 Octadecane (TIC)	57		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					
T 235 4-isopropylphenol TIC	121		4.756					
T 236 3-isopropylphenol TIC	121		4.756					
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

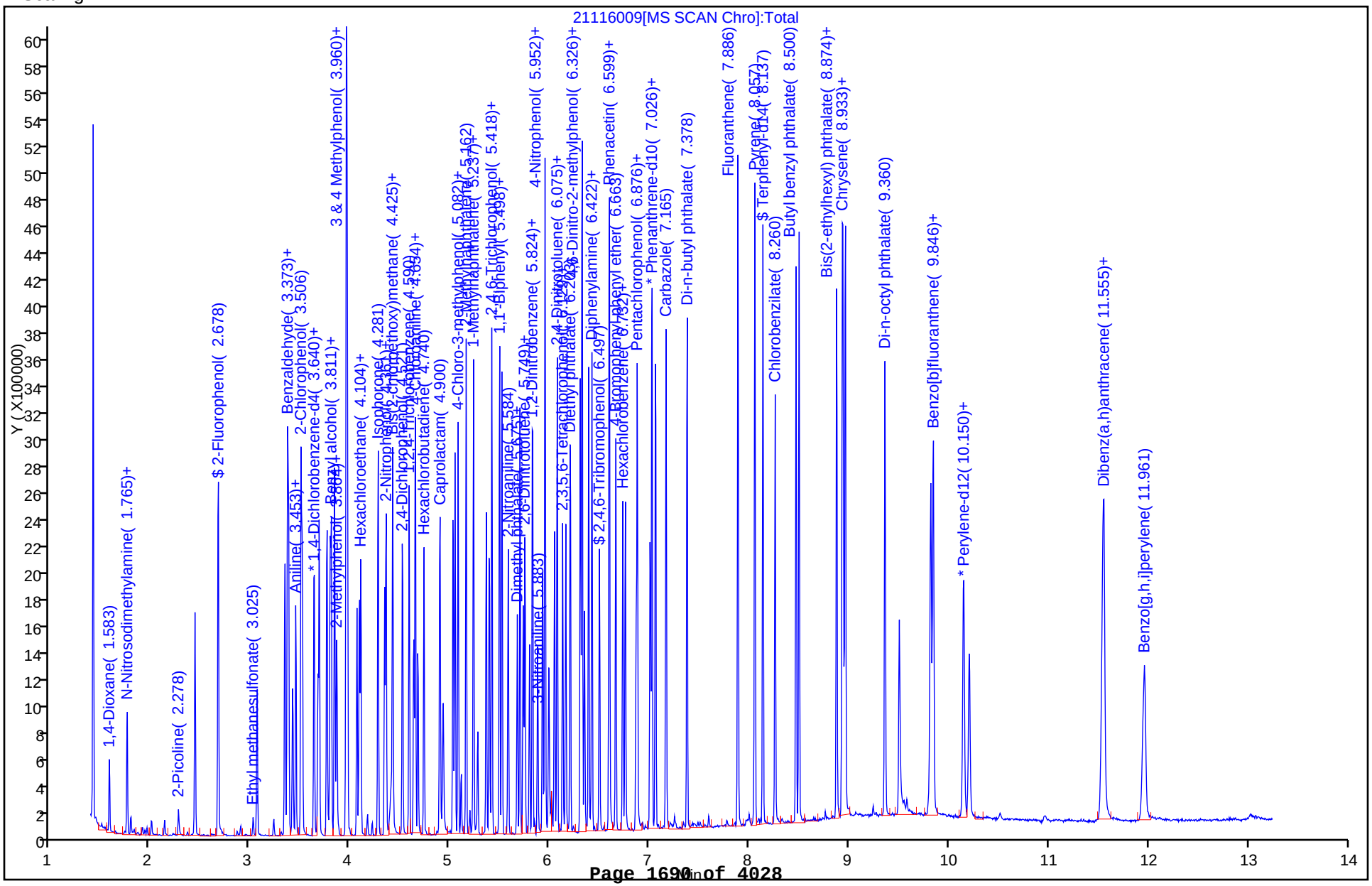
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 17-Nov-2012 12:48:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116009.D		
Injection Date:	16-Nov-2012 11:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SW-0013-0002-SW	Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD | Lab Sample ID: 240-17422-2 MSD

Matrix: Solid | Lab File ID: 21123010.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.67(g) | Date Analyzed: 11/23/2012 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	507		6.7	3.3	3.3
208-96-8	Acenaphthylene	513		6.7	3.3	3.3
120-12-7	Anthracene	528		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	512		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	440		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	505		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	464		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	468		6.7	3.3	3.3
100-51-6	Benzyl alcohol	505		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	484		100	27	22
111-44-4	Bis(2-chloroethyl)ether	453		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	467		100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	558		51	27	19
101-55-3	4-Bromophenyl phenyl ether	537		51	27	13
85-68-7	Butyl benzyl phthalate	538		51	27	10
86-74-8	Carbazole	475		51	27	27
106-47-8	4-Chloroaniline	49.9	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	538		150	27	21
91-58-7	2-Chloronaphthalene	504		51	3.3	3.3
95-57-8	2-Chlorophenol	462		51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	532		51	27	13
218-01-9	Chrysene	541		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	444		6.7	3.3	3.3
132-64-9	Dibenzofuran	510		51	3.3	3.3
106-46-7	1,4-Dichlorobenzene	443		51	27	20
95-50-1	1,2-Dichlorobenzene	423		51	27	9.8
541-73-1	1,3-Dichlorobenzene	397		51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	530		150	27	20
84-66-2	Diethyl phthalate	553		51	27	16
105-67-9	2,4-Dimethylphenol	430		150	81	20
131-11-3	Dimethyl phthalate	545		51	27	17
84-74-2	Di-n-butyl phthalate	566		51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD | Lab Sample ID: 240-17422-2 MSD

Matrix: Solid | Lab File ID: 21123010.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.67(g) | Date Analyzed: 11/23/2012 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	423		150	81	81
51-28-5	2,4-Dinitrophenol	444		330	81	81
121-14-2	2,4-Dinitrotoluene	550		200	27	27
606-20-2	2,6-Dinitrotoluene	555		200	27	21
117-84-0	Di-n-octyl phthalate	529		51	27	27
206-44-0	Fluoranthene	563		6.7	3.3	3.3
86-73-7	Fluorene	522		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	539		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	438		51	27	27
77-47-4	Hexachlorocyclopentadiene	213	J	330	27	27
67-72-1	Hexachloroethane	405		51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	451		6.7	3.3	3.3
78-59-1	Isophorone	534		51	27	13
91-57-6	2-Methylnaphthalene	498		6.7	3.3	3.3
95-48-7	2-Methylphenol	487		200	81	81
15831-10-4	3 & 4 Methylphenol	996		400	81	20
91-20-3	Naphthalene	486		6.7	3.3	3.3
88-74-4	2-Nitroaniline	562		200	27	9.2
99-09-2	3-Nitroaniline	81.3	J	200	81	16
100-01-6	4-Nitroaniline	157	J	200	27	26
98-95-3	Nitrobenzene	476		100	3.3	2.2
88-75-5	2-Nitrophenol	525		51	27	27
100-02-7	4-Nitrophenol	567		330	81	81
621-64-7	N-Nitrosodi-n-propylamine	503		51	27	27
86-30-6	N-Nitrosodiphenylamine	503		51	27	21
87-86-5	Pentachlorophenol	569		150	81	81
85-01-8	Phenanthrene	534		6.7	3.3	3.3
108-95-2	Phenol	510		51	27	27
129-00-0	Pyrene	490		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	447		51	27	27
95-95-4	2,4,5-Trichlorophenol	561		150	27	25
88-06-2	2,4,6-Trichlorophenol	566		150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD | Lab Sample ID: 240-17422-2 MSD

Matrix: Solid | Lab File ID: 21123010.D

Analysis Method: 8270C/DoD | Date Collected: 11/07/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/18/2012 11:34

Sample wt/vol: 29.67(g) | Date Analyzed: 11/23/2012 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	69		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	71		35-100
1718-51-0	Terphenyl-d14 (Surr)	79		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	85		35-125
4165-62-2	Phenol-d5 (Surr)	74		40-100

Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123010.D
Lims ID: 240-17422-A-2-V MSD Client ID: 076SS-0020M-0002-SO
Inject. Date: 23-Nov-2012 13:01:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015199-010
Misc. Info.: 240-17422-a-2-v msd
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 66051 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 11:33:09 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 23-Nov-2012 13:34:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	95	155471	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	592784	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	94	341046	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	598509	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	93	643345	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	575255	4.00	
$ 7 2-Fluorophenol	112	4.599	4.583	0.016	92	521495	10.9	
$ 8 Phenol-d5	99	5.503	5.503	0.0	96	675493	11.1	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	86	367833	7.06	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	766420	6.93	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	93	180220	12.8	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	98	935519	7.85	
41 Phenol	94	5.519	5.514	0.005	99	492293	7.57	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	94	337815	6.72	
46 2-Chlorophenol	128	5.663	5.658	0.005	91	360187	6.85	
47 1,3-Dichlorobenzene	146	5.803	5.802	0.001	96	333503	5.89	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	91	369631	6.57	
49 Benzyl alcohol	108	5.968	5.968	0.0	92	242543	7.49	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	336437	6.27	
51 2-Methylphenol	108	6.065	6.059	0.006	94	342360	7.22	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	90	511045	6.93	
191 3 & 4 Methylphenol	108	6.198	6.193	0.005	90	734187	14.8	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	87	262613	7.46	
60 Hexachloroethane	117	6.311	6.311	0.0	92	137462	6.01	
61 Nitrobenzene	77	6.359	6.364	-0.005	83	380097	7.06	
63 Isophorone	82	6.562	6.567	-0.005	99	748874	7.92	
65 2-Nitrophenol	139	6.637	6.642	-0.005	96	197568	7.79	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	93	317931	6.38	
69 Benzoic acid	122	6.696	6.728	-0.032	81	83387	3.81	
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	99	431261	7.18	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.846	6.845	0.001	93	309830	7.87	
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	93	311355	6.63	
73 Naphthalene	128	6.995	6.995	0.0	94	1067367	7.21	
74 4-Chloroaniline	127	7.027	7.033	-0.006	72	46698	0.7396	
77 Hexachlorobutadiene	225	7.092	7.091	0.001	93	165239	6.50	
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	97	337592	7.98	
85 2-Methylnaphthalene	142	7.584	7.584	0.0	87	700508	7.39	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	89	87140	3.15	
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	88	241415	8.40	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	95	257732	8.32	
98 2-Chloronaphthalene	162	7.996	8.001	-0.005	96	703544	7.47	
100 2-Nitroaniline	65	8.070	8.076	-0.006	80	230422	8.34	
103 Dimethyl phthalate	163	8.209	8.215	-0.006	99	810542	8.09	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	92	187640	8.23	
107 Acenaphthylene	152	8.354	8.354	0.0	96	1183740	7.61	
108 3-Nitroaniline	138	8.418	8.418	0.0	92	30254	1.21	
110 Acenaphthene	153	8.498	8.498	0.0	95	703503	7.52	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	66	77143	6.58	
111 4-Nitrophenol	109	8.536	8.536	0.0	93	121478	8.41	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	89	250177	8.16	
114 Dibenzofuran	168	8.643	8.643	0.0	87	1049935	7.56	
119 Diethyl phthalate	149	8.798	8.803	-0.005	96	859462	8.21	
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	416117	7.89	
124 Fluorene	166	8.932	8.931	0.001	81	864021	7.75	
123 4-Nitroaniline	138	8.932	8.937	-0.005	44	58414	2.34	
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	83	117608	6.27	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	616150	7.46	
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	243188	7.97	
139 Hexachlorobenzene	284	9.391	9.397	-0.006	89	251434	8.00	
141 Pentachlorophenol	266	9.552	9.557	-0.005	90	172785	8.44	
146 Phenanthrene	178	9.745	9.750	-0.006	97	1295884	7.93	
147 Anthracene	178	9.787	9.792	-0.005	97	1272847	7.84	
149 Carbazole	167	9.916	9.916	0.0	81	1112196	7.05	
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1487572	8.39	
157 Fluoranthene	202	10.750	10.755	-0.005	93	1508816	8.36	
160 Pyrene	202	10.953	10.959	-0.005	96	1492652	7.27	
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	97	668924	7.98	
173 3,3'-Dichlorobenzidine	252		12.178					9
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	982540	8.27	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	97	1363599	7.60	
176 Chrysene	228	12.269	12.274	-0.005	94	1373281	8.03	
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	99	1608890	7.85	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	95	1375845	7.50	
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	99	1384647	6.94	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	77	1218700	6.53	
186 Indeno[1,2,3-cd]pyrene	276	15.901	15.906	-0.005	94	1377690	6.69	
187 Dibenz(a,h)anthracene	278	15.928	15.933	-0.005	70	1155530	6.59	
188 Benzo[g,h,i]perylene	276	16.334	16.334	0.0	89	1133727	6.88	

QC Flag Legend

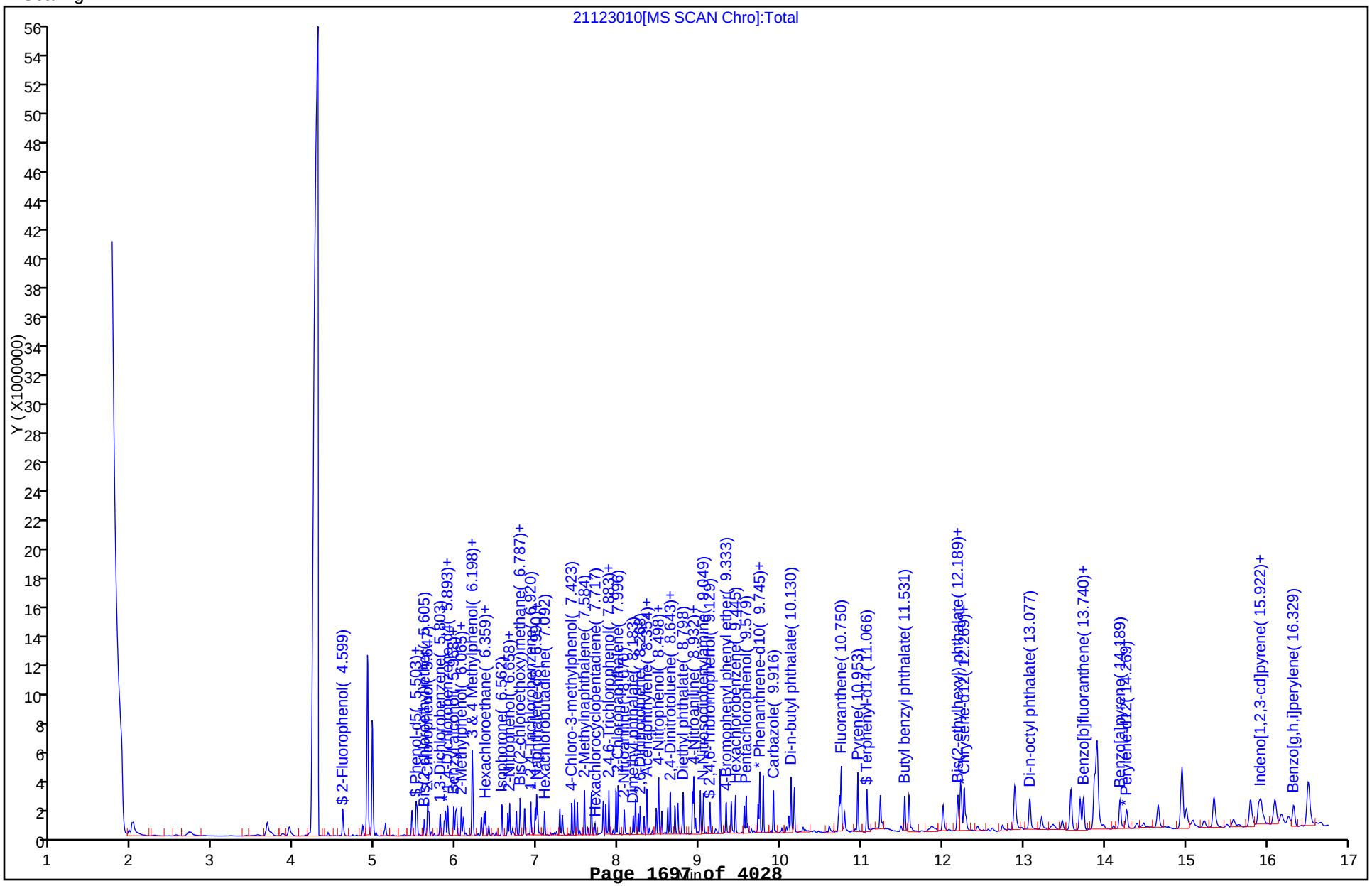
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Nov-2012 11:33:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123010.D		
Injection Date:	23-Nov-2012 13:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD | Lab Sample ID: 240-17422-6 MSD

Matrix: Solid | Lab File ID: 21126008.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.49(g) | Date Analyzed: 11/26/2012 12:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	449		6.6	3.2	3.2
208-96-8	Acenaphthylene	455		6.6	3.2	3.2
120-12-7	Anthracene	489		6.6	3.2	3.2
56-55-3	Benzo[a]anthracene	527		6.6	3.2	3.2
50-32-8	Benzo[a]pyrene	460		6.6	3.2	3.2
205-99-2	Benzo[b]fluoranthene	544		6.6	3.2	3.2
191-24-2	Benzo[g,h,i]perylene	415		6.6	3.2	3.2
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	488		6.6	3.2	3.2
100-51-6	Benzyl alcohol	434		320	27	21
111-91-1	Bis(2-chloroethoxy)methane	387		98	27	22
111-44-4	Bis(2-chloroethyl)ether	362		98	3.2	2.0
108-60-1	bis (2-chloroisopropyl) ether	370		98	27	9.3
117-81-7	Bis(2-ethylhexyl) phthalate	496		49	27	19
101-55-3	4-Bromophenyl phenyl ether	490		49	27	13
85-68-7	Butyl benzyl phthalate	484		49	27	9.8
86-74-8	Carbazole	440		49	27	27
106-47-8	4-Chloroaniline	173		150	27	17
59-50-7	4-Chloro-3-methylphenol	499		150	27	21
91-58-7	2-Chloronaphthalene	425		49	3.2	3.2
95-57-8	2-Chlorophenol	396		49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	458		49	27	13
218-01-9	Chrysene	557		6.6	3.2	1.1
53-70-3	Dibenz(a,h)anthracene	385		6.6	3.2	3.2
132-64-9	Dibenzofuran	459		49	3.2	3.2
106-46-7	1,4-Dichlorobenzene	369		49	27	20
95-50-1	1,2-Dichlorobenzene	343		49	27	9.5
541-73-1	1,3-Dichlorobenzene	342		49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U J	98	79	18
120-83-2	2,4-Dichlorophenol	467		150	27	20
84-66-2	Diethyl phthalate	502		49	27	16
105-67-9	2,4-Dimethylphenol	417		150	79	20
131-11-3	Dimethyl phthalate	481		49	27	17
84-74-2	Di-n-butyl phthalate	512		49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD | Lab Sample ID: 240-17422-6 MSD

Matrix: Solid | Lab File ID: 21126008.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.49(g) | Date Analyzed: 11/26/2012 12:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	341		150	79	79
51-28-5	2,4-Dinitrophenol	247	J	320	79	79
121-14-2	2,4-Dinitrotoluene	500		200	27	27
606-20-2	2,6-Dinitrotoluene	490		200	27	21
117-84-0	Di-n-octyl phthalate	495		49	27	27
206-44-0	Fluoranthene	605		6.6	3.2	3.2
86-73-7	Fluorene	471		6.6	3.2	3.2
118-74-1	Hexachlorobenzene	470		6.6	3.2	2.1
87-68-3	Hexachlorobutadiene	358		49	27	27
77-47-4	Hexachlorocyclopentadiene	48.7	J	320	27	27
67-72-1	Hexachloroethane	293		49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	409		6.6	3.2	3.2
78-59-1	Isophorone	435		49	27	13
91-57-6	2-Methylnaphthalene	487		6.6	3.2	3.2
95-48-7	2-Methylphenol	412		200	79	79
15831-10-4	3 & 4 Methylphenol	864		390	79	20
91-20-3	Naphthalene	435		6.6	3.2	3.2
88-74-4	2-Nitroaniline	522		200	27	9.0
99-09-2	3-Nitroaniline	221		200	79	16
100-01-6	4-Nitroaniline	218	J	200	27	26
98-95-3	Nitrobenzene	395		98	3.2	2.2
88-75-5	2-Nitrophenol	428		49	27	27
100-02-7	4-Nitrophenol	510		320	79	79
621-64-7	N-Nitrosodi-n-propylamine	397		49	27	27
86-30-6	N-Nitrosodiphenylamine	484		49	27	21
87-86-5	Pentachlorophenol	458		150	79	79
85-01-8	Phenanthrene	533		6.6	3.2	3.2
108-95-2	Phenol	428		49	27	27
129-00-0	Pyrene	526		6.6	3.2	3.2
120-82-1	1,2,4-Trichlorobenzene	367		49	27	27
95-95-4	2,4,5-Trichlorophenol	499		150	27	25
88-06-2	2,4,6-Trichlorophenol	497		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD | Lab Sample ID: 240-17422-6 MSD

Matrix: Solid | Lab File ID: 21126008.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 30.49(g) | Date Analyzed: 11/26/2012 12:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
1718-51-0	Terphenyl-d14 (Surr)	71		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125
4165-62-2	Phenol-d5 (Surr)	64		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126008.D
Lims ID: 240-17422-A-6-V MSD
Client ID: 073SS-0003M-0002-SO
Inject. Date: 26-Nov-2012 12:49:30
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015260-008
Misc. Info.: 240-17422-a-6-v msd
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 8
Lims Batch ID: 66246
Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:32:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	92	150824	4.00	
* 2 Naphthalene-d8	136	6.961	6.961	0.0	99	573617	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	93	334477	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	583347	4.00	
* 5 Chrysene-d12	240	12.219	12.219	0.0	93	631056	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	92	555695	4.00	
$ 7 2-Fluorophenol	112	4.597	4.565	0.032	90	416630	8.94	
$ 8 Phenol-d5	99	5.496	5.485	0.011	96	567336	9.58	
$ 9 Nitrobenzene-d5	82	6.330	6.330	0.0	87	294786	5.85	
$ 10 2-Fluorobiphenyl (Surr)	172	7.870	7.876	-0.006	99	656302	6.05	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	92	157627	11.4	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	828018	7.08	
41 Phenol	94	5.506	5.501	0.005	97	411866	6.53	
44 Bis(2-chloroethyl)ether	93	5.597	5.592	0.005	94	268944	5.52	
46 2-Chlorophenol	128	5.651	5.646	0.005	95	307758	6.04	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	96	286261	5.21	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	84	307448	5.63	
49 Benzyl alcohol	108	5.961	5.956	0.005	93	207700	6.61	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	89	272543	5.24	
51 2-Methylphenol	108	6.052	6.047	0.005	95	288596	6.27	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	92	403128	5.64	
191 3 & 4 Methylphenol	108	6.186	6.180	0.006	92	635066	13.2	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	85	206817	6.06	
60 Hexachloroethane	117	6.298	6.298	0.0	92	98971	4.46	
61 Nitrobenzene	77	6.351	6.346	0.005	83	314076	6.03	
63 Isophorone	82	6.555	6.555	0.0	100	606730	6.63	
65 2-Nitrophenol	139	6.629	6.624	0.005	93	160167	6.53	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	94	306833	6.36	
69 Benzoic acid	122	6.678	6.715	-0.037	19	8195	1.68	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	98	342962	5.90	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	94	271163	7.12	
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	92	254053	5.59	
73 Naphthalene	128	6.982	6.983	-0.001	96	949644	6.63	
74 4-Chloroaniline	127	7.020	7.015	0.005	75	160938	2.63	
77 Hexachlorobutadiene	225	7.079	7.079	0.0	95	134426	5.46	
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	97	311597	7.61	
85 2-Methylnaphthalene	142	7.571	7.571	0.0	87	680076	7.42	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	79	20142	0.7431	
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	92	213570	7.58	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	94	230952	7.60	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	598335	6.48	
100 2-Nitroaniline	65	8.063	8.063	0.0	83	215865	7.96	
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	720268	7.33	
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	88	166060	7.47	
107 Acenaphthylene	152	8.341	8.341	0.0	90	1059162	6.94	
108 3-Nitroaniline	138	8.405	8.405	0.0	92	82977	3.37	
110 Acenaphthene	153	8.485	8.486	-0.001	94	628515	6.85	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	53	26059	3.76	
111 4-Nitrophenol	109	8.528	8.528	0.0	92	110054	7.77	
112 2,4-Dinitrotoluene	165	8.598	8.598	0.0	90	228458	7.62	
114 Dibenzofuran	168	8.630	8.630	0.0	81	951906	6.99	
119 Diethyl phthalate	149	8.790	8.791	0.0	97	785977	7.65	
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	92	361138	6.98	
124 Fluorene	166	8.919	8.919	0.0	92	785431	7.18	
123 4-Nitroaniline	138	8.919	8.919	0.0	30	84590	3.32	
126 4,6-Dinitro-2-methylphenol	198	8.945	8.946	-0.001	81	92533	5.21	
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	594068	7.38	
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	64	222071	7.46	
139 Hexachlorobenzene	284	9.384	9.384	0.0	89	219703	7.17	
141 Pentachlorophenol	266	9.544	9.545	-0.001	87	137923	6.99	
146 Phenanthrene	178	9.737	9.732	0.005	97	1294304	8.12	
147 Anthracene	178	9.780	9.780	0.0	97	1181023	7.46	
149 Carbazole	167	9.903	9.903	0.0	81	1030663	6.70	
151 Di-n-butyl phthalate	149	10.160	10.160	0.0	100	1348681	7.81	
157 Fluoranthene	202	10.737	10.737	0.0	97	1623730	9.23	
160 Pyrene	202	10.940	10.941	-0.001	98	1615333	8.02	
166 Butyl benzyl phthalate	149	11.523	11.518	0.005	96	604488	7.38	
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	876543	7.56	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	95	1415287	8.04	
176 Chrysene	228	12.256	12.251	0.005	94	1425244	8.49	
178 Di-n-octyl phthalate	149	13.059	13.064	-0.005	98	1489208	7.54	
180 Benzo[b]fluoranthene	252	13.679	13.679	0.0	94	1470143	8.29	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	98	1433839	7.44	
182 Benzo[a]pyrene	252	14.171	14.171	0.0	75	1267838	7.01	
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	97	1237152	6.24	
187 Dibenz(a,h)anthracene	278	15.909	15.904	0.005	85	989660	5.87	
188 Benzo[g,h,i]perylene	276	16.305	16.305	0.0	92	1006713	6.33	

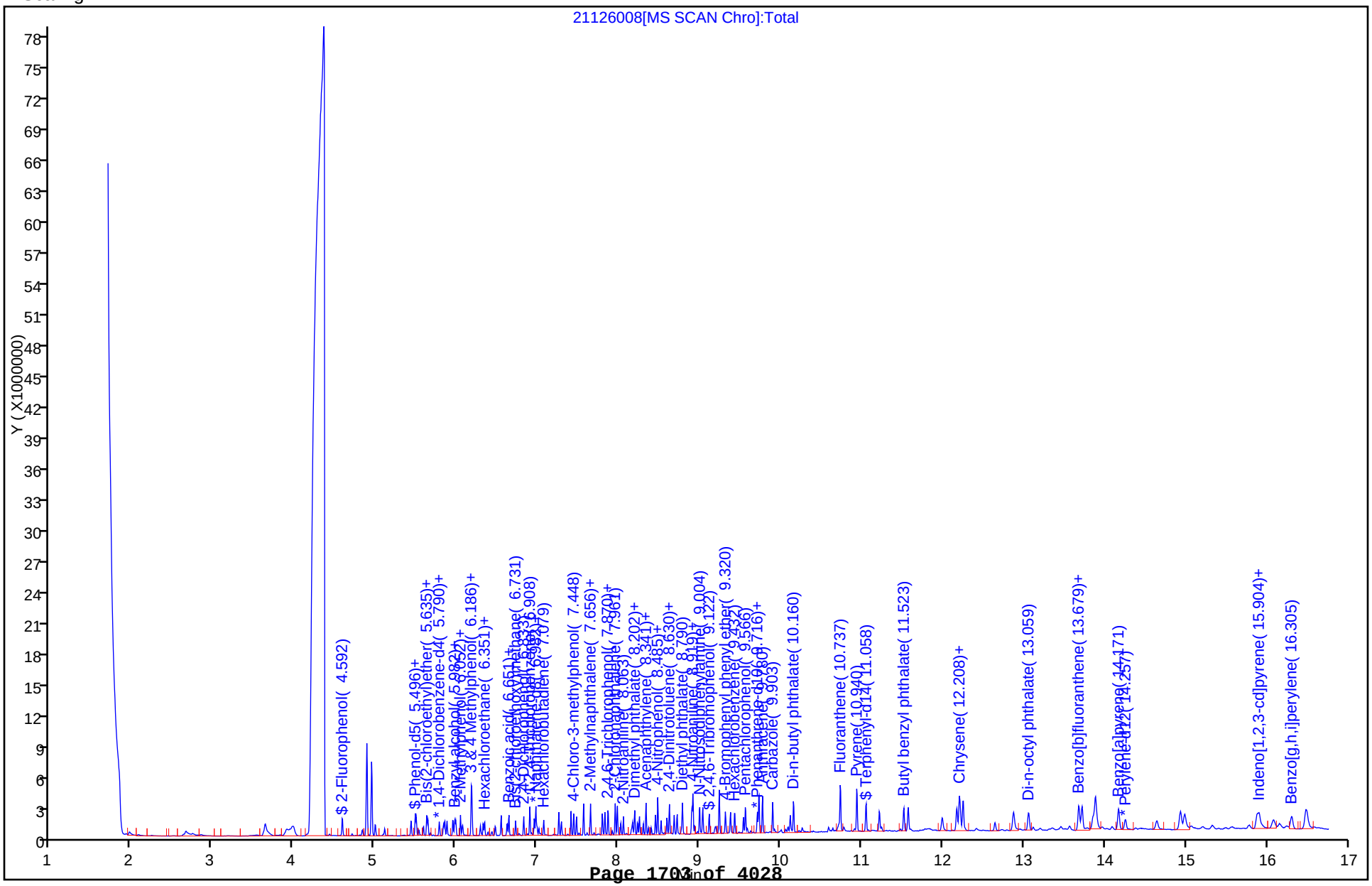
Report Date: 27-Nov-2012 16:01:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126008.D

Injection Date:	26-Nov-2012 12:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MSD | Lab Sample ID: 240-17422-9 MSD

Matrix: Solid | Lab File ID: 21126011.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.76(g) | Date Analyzed: 11/26/2012 13:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	487		6.7	3.3	3.3
208-96-8	Acenaphthylene	471		6.7	3.3	3.3
120-12-7	Anthracene	495		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	511		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	440		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	531		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	381		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	507		6.7	3.3	3.3
100-51-6	Benzyl alcohol	477		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	450		100	27	22
111-44-4	Bis(2-chloroethyl)ether	432		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	429		100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	541		50	27	19
101-55-3	4-Bromophenyl phenyl ether	513		50	27	13
85-68-7	Butyl benzyl phthalate	517		50	27	10
86-74-8	Carbazole	488		50	27	27
106-47-8	4-Chloroaniline	138	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	535		150	27	21
91-58-7	2-Chloronaphthalene	460		50	3.3	3.3
95-57-8	2-Chlorophenol	452		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	498		50	27	13
218-01-9	Chrysene	542		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	373		6.7	3.3	3.3
132-64-9	Dibenzofuran	477		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	423		50	27	20
95-50-1	1,2-Dichlorobenzene	404		50	27	9.8
541-73-1	1,3-Dichlorobenzene	385		50	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	507		150	27	20
84-66-2	Diethyl phthalate	518		50	27	16
105-67-9	2,4-Dimethylphenol	435		150	81	20
131-11-3	Dimethyl phthalate	514		50	27	17
84-74-2	Di-n-butyl phthalate	531		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MSD | Lab Sample ID: 240-17422-9 MSD

Matrix: Solid | Lab File ID: 21126011.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.76(g) | Date Analyzed: 11/26/2012 13:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	289		150	81	81
51-28-5	2,4-Dinitrophenol	302	J	330	81	81
121-14-2	2,4-Dinitrotoluene	515		200	27	27
606-20-2	2,6-Dinitrotoluene	517		200	27	21
117-84-0	Di-n-octyl phthalate	555		50	27	27
206-44-0	Fluoranthene	546		6.7	3.3	3.3
86-73-7	Fluorene	488		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	507		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	425		50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	213	J	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	385		6.7	3.3	3.3
78-59-1	Isophorone	504		50	27	13
91-57-6	2-Methylnaphthalene	484		6.7	3.3	3.3
95-48-7	2-Methylphenol	476		200	81	81
15831-10-4	3 & 4 Methylphenol	966		400	81	20
91-20-3	Naphthalene	460		6.7	3.3	3.3
88-74-4	2-Nitroaniline	564		200	27	9.2
99-09-2	3-Nitroaniline	114	J	200	81	16
100-01-6	4-Nitroaniline	157	J	200	27	26
98-95-3	Nitrobenzene	450		100	3.3	2.2
88-75-5	2-Nitrophenol	488		50	27	27
100-02-7	4-Nitrophenol	527		330	81	81
621-64-7	N-Nitrosodi-n-propylamine	476		50	27	27
86-30-6	N-Nitrosodiphenylamine	493		50	27	21
87-86-5	Pentachlorophenol	455		150	81	81
85-01-8	Phenanthrene	506		6.7	3.3	3.3
108-95-2	Phenol	497		50	27	27
129-00-0	Pyrene	490		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	420		50	27	27
95-95-4	2,4,5-Trichlorophenol	537		150	27	25
88-06-2	2,4,6-Trichlorophenol	530		150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MSD | Lab Sample ID: 240-17422-9 MSD

Matrix: Solid | Lab File ID: 21126011.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 12:35

Extract. Method: 3540C | Date Extracted: 11/20/2012 11:32

Sample wt/vol: 29.76(g) | Date Analyzed: 11/26/2012 13:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66246 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		45-105
367-12-4	2-Fluorophenol (Surr)	68		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	70		35-100
1718-51-0	Terphenyl-d14 (Surr)	76		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	72		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126011.D
Lims ID: 240-17422-A-9-R MSD
Client ID: 068SD-0009-0002-SO
Inject. Date: 26-Nov-2012 13:58:30
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015260-011
Misc. Info.: 240-17422-a-9-r msd
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 66246
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121126-15260.b\8270_hp7.m
Last Update: 27-Nov-2012 16:01:07
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 27-Nov-2012 15:37:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.843	5.838	0.005	95	144603	4.00	
* 2 Naphthalene-d8	136	6.967	6.961	0.006	99	551409	4.00	
* 3 Acenaphthene-d10	164	8.459	8.459	0.0	91	326013	4.00	
* 4 Phenanthrene-d10	188	9.716	9.716	0.0	98	570473	4.00	
* 5 Chrysene-d12	240	12.224	12.219	0.005	96	600453	4.00	
* 6 Perylene-d12	264	14.257	14.251	0.006	95	501559	4.00	
$ 7 2-Fluorophenol	112	4.597	4.565	0.032	92	455961	10.2	
$ 8 Phenol-d5	99	5.496	5.485	0.011	90	614073	10.8	
$ 9 Nitrobenzene-d5	82	6.336	6.330	0.006	86	338736	6.99	
$ 10 2-Fluorobiphenyl (Surr)	172	7.876	7.876	0.0	99	695459	6.58	
$ 11 2,4,6-Tribromophenol	330	9.122	9.122	0.0	93	159789	11.8	
$ 12 Terphenyl-d14	244	11.058	11.053	0.005	99	842822	7.58	
41 Phenol	94	5.506	5.501	0.005	100	447657	7.40	
44 Bis(2-chloroethyl)ether	93	5.597	5.592	0.005	93	300355	6.43	
46 2-Chlorophenol	128	5.651	5.646	0.005	97	328779	6.73	
47 1,3-Dichlorobenzene	146	5.790	5.790	0.0	96	301545	5.72	
48 1,4-Dichlorobenzene	146	5.859	5.854	0.005	93	329649	6.30	
49 Benzyl alcohol	108	5.961	5.956	0.005	92	213817	7.10	
50 1,2-Dichlorobenzene	146	5.993	5.993	0.0	88	299978	6.01	
51 2-Methylphenol	108	6.052	6.047	0.005	96	312059	7.08	
52 2,2'-oxybis[1-chloropropane]	45	6.079	6.073	0.006	91	437791	6.38	
191 3 & 4 Methylphenol	108	6.186	6.180	0.006	93	664763	14.4	
56 N-Nitrosodi-n-propylamine	70	6.191	6.191	0.0	80	232156	7.09	
60 Hexachloroethane	117	6.298	6.298	0.0	91	67456	3.17	
61 Nitrobenzene	77	6.352	6.346	0.006	85	335537	6.70	
63 Isophorone	82	6.555	6.555	0.0	99	659489	7.50	
65 2-Nitrophenol	139	6.630	6.624	0.006	94	171229	7.26	
64 2,4-Dimethylphenol	107	6.651	6.646	0.005	93	300071	6.47	
69 Benzoic acid	122	6.683	6.715	-0.032	69	10718	1.77	
68 Bis(2-chloroethoxy)methane	93	6.731	6.731	0.0	98	374199	6.70	

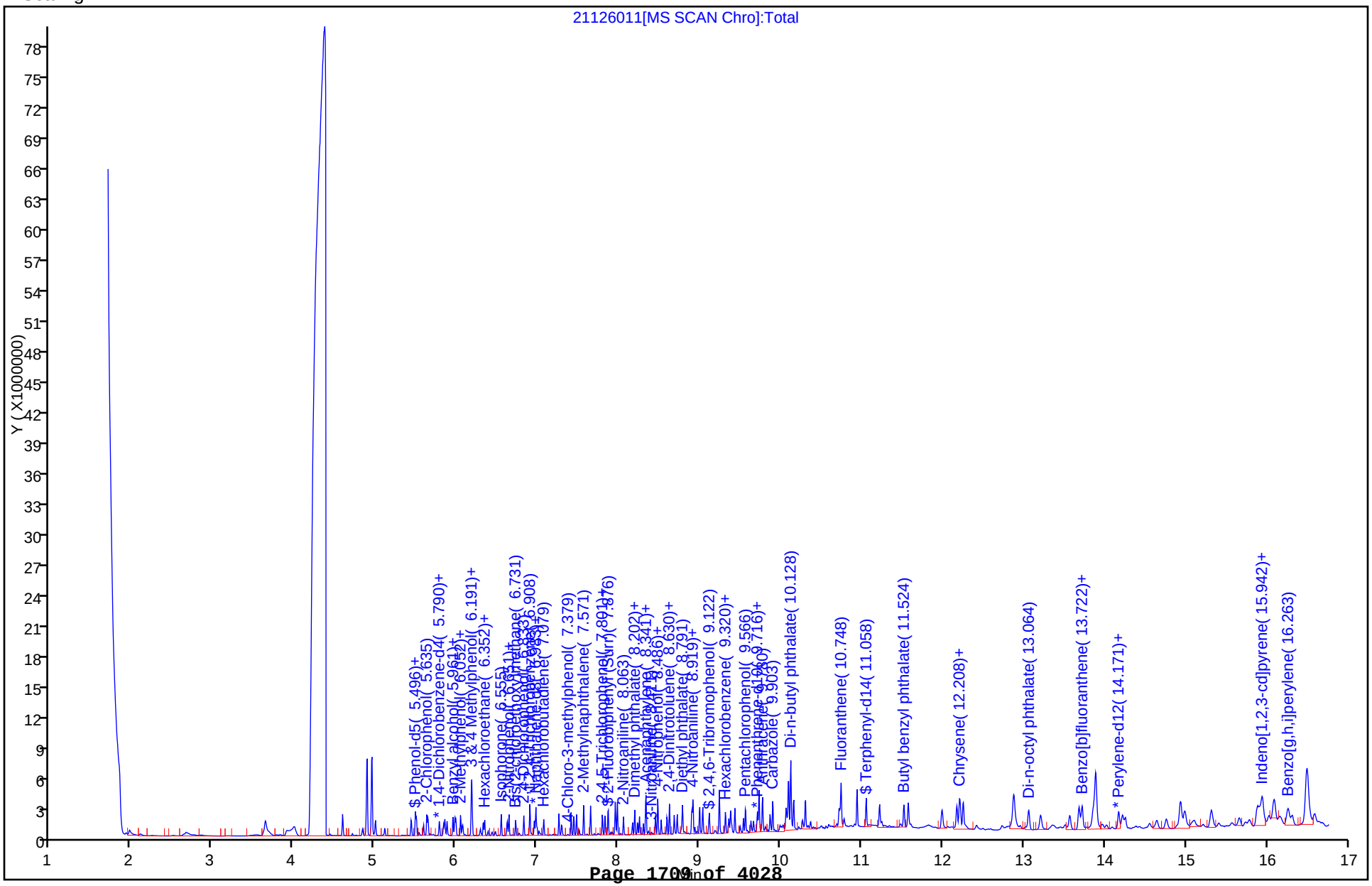
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.833	6.833	0.0	95	276084	7.54	
72 1,2,4-Trichlorobenzene	180	6.908	6.908	0.0	88	273063	6.25	
73 Naphthalene	128	6.983	6.983	0.0	96	942605	6.84	
74 4-Chloroaniline	127	7.020	7.015	0.005	72	120523	2.05	
77 Hexachlorobutadiene	225	7.079	7.079	0.0	92	149576	6.32	
84 4-Chloro-3-methylphenol	107	7.416	7.416	0.0	92	313265	7.96	
85 2-Methylnaphthalene	142	7.571	7.571	0.0	91	634228	7.20	
88 Hexachlorocyclopentadiene	237	7.699	7.699	0.0	66	9332	0.3532	
90 2,4,6-Trichlorophenol	196	7.801	7.801	0.0	93	216575	7.88	
91 2,4,5-Trichlorophenol	196	7.833	7.833	0.0	95	236348	7.98	
98 2-Chloronaphthalene	162	7.988	7.988	0.0	96	615959	6.84	
100 2-Nitroaniline	65	8.063	8.063	0.0	83	221682	8.39	
103 Dimethyl phthalate	163	8.202	8.202	0.0	98	731702	7.64	
105 2,6-Dinitrotoluene	165	8.261	8.261	0.0	94	166883	7.69	
107 Acenaphthylene	152	8.341	8.341	0.0	95	1042630	7.01	
108 3-Nitroaniline	138	8.411	8.405	0.006	92	40681	1.70	
110 Acenaphthene	153	8.486	8.486	0.0	93	647532	7.24	
109 2,4-Dinitrophenol	184	8.491	8.491	0.0	59	37807	4.49	
111 4-Nitrophenol	109	8.528	8.528	0.0	93	108352	7.85	
112 2,4-Dinitrotoluene	165	8.603	8.598	0.005	89	224053	7.67	
114 Dibenzofuran	168	8.630	8.630	0.0	87	941726	7.10	
119 Diethyl phthalate	149	8.791	8.791	0.001	97	770869	7.70	
121 4-Chlorophenyl phenyl ether	204	8.908	8.908	0.0	90	373786	7.41	
124 Fluorene	166	8.919	8.919	0.0	80	774277	7.26	
123 4-Nitroaniline	138	8.924	8.919	0.005	27	55653	2.33	
126 4,6-Dinitro-2-methylphenol	198	8.946	8.946	0.0	69	72411	4.31	
130 N-Nitrosodiphenylamine	169	9.004	9.004	0.0	0	576646	7.33	
137 4-Bromophenyl phenyl ether	248	9.320	9.320	0.0	65	221922	7.63	
139 Hexachlorobenzene	284	9.384	9.384	0.0	85	225854	7.54	
141 Pentachlorophenol	266	9.545	9.545	0.0	85	130251	6.76	
146 Phenanthrene	178	9.737	9.732	0.005	97	1174606	7.54	
147 Anthracene	178	9.780	9.780	0.0	97	1139787	7.36	
149 Carbazole	167	9.903	9.903	0.0	80	1092649	7.26	
151 Di-n-butyl phthalate	149	10.165	10.160	0.005	99	1333633	7.89	
157 Fluoranthene	202	10.748	10.737	0.011	95	1399186	8.13	
160 Pyrene	202	10.946	10.941	0.005	98	1397326	7.29	
166 Butyl benzyl phthalate	149	11.524	11.518	0.006	95	600283	7.69	
173 3,3'-Dichlorobenzidine	252		12.155					
171 Bis(2-ethylhexyl) phthalate	149	12.176	12.176	0.0	96	891756	8.06	
175 Benzo[a]anthracene	228	12.208	12.203	0.005	96	1273243	7.60	
176 Chrysene	228	12.256	12.251	0.005	88	1287650	8.06	
178 Di-n-octyl phthalate	149	13.064	13.064	0.0	98	1481766	8.25	
180 Benzo[b]fluoranthene	252	13.685	13.679	0.006	95	1263817	7.90	
181 Benzo[k]fluoranthene	252	13.722	13.722	0.0	99	1311363	7.54	
182 Benzo[a]pyrene	252	14.171	14.171	0.0	77	1065102	6.54	
186 Indeno[1,2,3-cd]pyrene	276	15.883	15.877	0.006	98	1023463	5.73	
187 Dibenz(a,h)anthracene	278	15.915	15.904	0.011	91	843104	5.55	
188 Benzo[g,h,i]perylene	276	16.316	16.305	0.011	89	814023	5.67	

Report Date: 27-Nov-2012 16:01:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121126-15260.b\21126011.D		
Injection Date:	26-Nov-2012 13:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SD-0009-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	66246	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MSD | Lab Sample ID: 240-17422-13 MSD

Matrix: Water | Lab File ID: 21116010.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 12:14

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	13.3		0.19	0.095	0.095
208-96-8	Acenaphthylene	12.7		0.19	0.095	0.095
120-12-7	Anthracene	10.7		0.19	0.095	0.095
56-55-3	Benzo[a]anthracene	10.6		0.19	0.095	0.095
50-32-8	Benzo[a]pyrene	8.07	J	0.19	0.095	0.095
205-99-2	Benzo[b]fluoranthene	9.08		0.19	0.095	0.095
191-24-2	Benzo[g,h,i]perylene	10.1		0.19	0.095	0.095
65-85-0	Benzoic acid	14.2	J	24	9.5	9.5
207-08-9	Benzo[k]fluoranthene	11.6		0.19	0.095	0.095
100-51-6	Benzyl alcohol	14.6		4.8	0.76	0.36
111-91-1	Bis(2-chloroethoxy)methane	14.1		0.95	0.76	0.30
111-44-4	Bis(2-chloroethyl)ether	14.8		0.95	0.095	0.095
108-60-1	bis (2-chloroisopropyl) ether	14.3		0.95	0.76	0.38
117-81-7	Bis(2-ethylhexyl) phthalate	9.26		1.9	0.76	0.76
101-55-3	4-Bromophenyl phenyl ether	13.0		1.9	0.76	0.76
85-68-7	Butyl benzyl phthalate	11.9		0.95	0.76	0.76
86-74-8	Carbazole	13.2		0.95	0.76	0.27
106-47-8	4-Chloroaniline	7.89		1.9	0.76	0.76
59-50-7	4-Chloro-3-methylphenol	14.2		1.9	0.76	0.76
91-58-7	2-Chloronaphthalene	13.1		0.95	0.095	0.095
95-57-8	2-Chlorophenol	14.5		0.95	0.76	0.28
7005-72-3	4-Chlorophenyl phenyl ether	13.1		1.9	0.76	0.29
218-01-9	Chrysene	11.9		0.19	0.095	0.095
53-70-3	Dibenz(a,h)anthracene	10.7		0.19	0.095	0.095
132-64-9	Dibenzofuran	13.2		0.95	0.095	0.095
106-46-7	1,4-Dichlorobenzene	13.9		0.95	0.76	0.32
95-50-1	1,2-Dichlorobenzene	13.7		0.95	0.76	0.28
541-73-1	1,3-Dichlorobenzene	13.1		0.95	0.76	0.76
91-94-1	3,3'-Dichlorobenzidine	0.76	U J	4.8	0.76	0.35
120-83-2	2,4-Dichlorophenol	14.3		1.9	0.76	0.76
84-66-2	Diethyl phthalate	13.5		0.95	0.76	0.57
105-67-9	2,4-Dimethylphenol	10.1		1.9	0.76	0.76
131-11-3	Dimethyl phthalate	13.6		0.95	0.76	0.28
84-74-2	Di-n-butyl phthalate	13.2		0.95	0.76	0.64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MSD | Lab Sample ID: 240-17422-13 MSD

Matrix: Water | Lab File ID: 21116010.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 12:14

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	13.6		4.8	2.3	2.3
51-28-5	2,4-Dinitrophenol	11.6		4.8	2.3	2.3
121-14-2	2,4-Dinitrotoluene	13.9		4.8	0.76	0.26
606-20-2	2,6-Dinitrotoluene	14.0		4.8	0.76	0.76
117-84-0	Di-n-octyl phthalate	8.48		0.95	0.76	0.76
206-44-0	Fluoranthene	12.9		0.19	0.095	0.095
86-73-7	Fluorene	13.1		0.19	0.095	0.095
118-74-1	Hexachlorobenzene	12.5		0.19	0.095	0.095
87-68-3	Hexachlorobutadiene	11.9		0.95	0.76	0.26
77-47-4	Hexachlorocyclopentadiene	5.46	J	9.5	0.76	0.76
67-72-1	Hexachloroethane	12.8		0.95	0.76	0.76
193-39-5	Indeno[1,2,3-cd]pyrene	10.5		0.19	0.095	0.095
78-59-1	Isophorone	14.5		0.95	0.76	0.26
91-57-6	2-Methylnaphthalene	14.0		0.19	0.095	0.095
95-48-7	2-Methylphenol	13.8		0.95	0.76	0.76
15831-10-4	3 & 4 Methylphenol	28.6		1.9	0.76	0.76
91-20-3	Naphthalene	14.2		0.19	0.095	0.095
88-74-4	2-Nitroaniline	13.6		1.9	0.76	0.76
99-09-2	3-Nitroaniline	8.97		1.9	0.76	0.27
100-01-6	4-Nitroaniline	11.0		1.9	0.76	0.76
98-95-3	Nitrobenzene	13.8		0.95	0.095	0.038
88-75-5	2-Nitrophenol	14.1		1.9	0.76	0.27
100-02-7	4-Nitrophenol	13.0		4.8	2.3	2.3
621-64-7	N-Nitrosodi-n-propylamine	14.4		0.95	0.76	0.76
86-30-6	N-Nitrosodiphenylamine	9.58	J	0.95	0.76	0.30
87-86-5	Pentachlorophenol	11.7		4.8	2.3	2.3
85-01-8	Phenanthrene	13.2		0.19	0.095	0.095
108-95-2	Phenol	14.6		0.95	0.76	0.57
129-00-0	Pyrene	0.095	U J	0.19	0.095	0.095
120-82-1	1,2,4-Trichlorobenzene	12.6		0.95	0.76	0.27
95-95-4	2,4,5-Trichlorophenol	13.0		4.8	0.76	0.29
88-06-2	2,4,6-Trichlorophenol	13.1		4.8	0.76	0.76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MSD | Lab Sample ID: 240-17422-13 MSD

Matrix: Water | Lab File ID: 21116010.D

Analysis Method: 8270C/DoD | Date Collected: 11/08/2012 14:30

Extract. Method: 3520C | Date Extracted: 11/14/2012 08:33

Sample wt/vol: 1050(mL) | Date Analyzed: 11/16/2012 12:14

Con. Extract Vol.: 2.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65294 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		50-110
367-12-4	2-Fluorophenol (Surr)	74		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	67		40-110
1718-51-0	Terphenyl-d14 (Surr)	64		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	68		40-125
4165-62-2	Phenol-d5 (Surr)	77		10-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116010.D
Lims ID: 240-17422-F-13-A MSD Client ID: 076SW-0013-0002-SW
Inject. Date: 16-Nov-2012 12:14:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015012-010
Misc. Info.: 240-17422-F-13-A MSD =240-17422-F-13-A MSD
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 65294 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121116-15012.b\8270 _9.m
Last Update: 17-Nov-2012 12:48:08 Calib Date: 15-Nov-2012 10:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121115-14967.b\21115010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 16-Nov-2012 12:51:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	3.677	3.677	0.0	88	131922	4.00	
* 2 Naphthalene-d8	136	4.639	4.639	0.0	99	526929	4.00	
* 3 Acenaphthene-d10	164	5.926	5.931	-0.005	75	365797	4.00	
* 4 Phenanthrene-d10	188	7.005	7.010	-0.005	98	651002	4.00	
* 5 Chrysene-d12	240	8.943	8.949	-0.006	90	693414	4.00	
* 6 Perylene-d12	264	10.204	10.215	-0.011	97	561493	4.00	
$ 7 2-Fluorophenol	112	2.678	2.673	0.005	92	548747	11.1	
$ 8 Phenol-d5	99	3.373	3.373	0.0	0	810734	11.5	
$ 9 Nitrobenzene-d5	82	4.094	4.094	0.0	83	536014	6.71	
$ 10 2-Fluorobiphenyl (Surr)	172	5.418	5.424	-0.006	99	807523	6.64	
$ 11 2,4,6-Tribromophenol	330	6.497	6.503	-0.006	83	129171	10.2	
$ 12 Terphenyl-d14	244	8.137	8.142	-0.005	99	847012	6.35	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	1.583	1.578	0.005	80	156787	5.56	
26 N-Nitrosodimethylamine	74	1.765	1.765	0.0	82	313675	6.80	
27 Pyridine	79	1.802	1.792	0.010	91	48896	0.6963	
28 Ethyl methacrylate	69		2.032					
29 3-Chloropropionitrile	54		2.224					9
31 2-Picoline	93	2.278	2.338	-0.060	90	44015	0.6403	
32 N-Nitrosomethylethylamine	88		2.396					
33 Malononitrile	66		2.411					
34 Methyl methanesulfonate	80		2.610					9
233 n,n'-Dimethylacetamide	44		2.674					
30 3-Picoline	93		2.674					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.914					
37 Ethyl methanesulfonate	79	3.068	3.123	-0.055	94	349845	6.95	
38 2-Methylcyclohexanone	68		3.315					
39 3-Methylcyclohexanone	69		3.342					
41 Benzaldehyde	77	3.346	3.346	0.0	84	414007	7.42	
40 4-Methylcyclohexanone	55		3.379					
43 Phenol	94	3.383	3.383	0.0	96	587962	7.69	
44 Aniline	93	3.421	3.426	-0.005	95	321153	3.33	
69 Bis(2-chloroethyl)ether	93	3.453	3.458	-0.005	96	478899	7.78	
46 2-Chlorophenol	128	3.517	3.522	-0.005	91	341319	7.63	
45 Pentachloroethane	167		3.529					9
42 Phenylmercaptan	110		3.596					
47 1,3-Dichlorobenzene	146	3.640	3.640	0.0	84	355062	6.89	
48 1,4-Dichlorobenzene	146	3.688	3.693	-0.005	85	369601	7.32	
49 Benzyl alcohol	108	3.768	3.768	0.0	85	274047	7.64	
50 1,2-Dichlorobenzene	146	3.811	3.811	0.0	82	352186	7.20	
51 2-Methylphenol	108	3.843	3.848	-0.005	95	361041	7.27	
53 2,2'-oxybis[1-chloropropane]	45	3.864	3.864	0.0	98	405175	7.52	
232 1-Methyl-2-pyrrilidinone	99		3.880					
21 3 & 4 Methylphenol	108	3.960	3.960	0.0	95	795508	15.0	
57 N-Nitrosodi-n-propylamine	70	3.966	3.971	-0.005	68	406044	7.57	
58 Acetophenone	105	3.971	3.976	-0.005	90	598628	7.59	
56 N-Nitrosopyrrolidine	100		4.009					
59 N-Nitrosomorpholine	56		4.036					9
60 2-Toluidine	106		4.063					9
61 Hexachloroethane	117	4.067	4.067	0.0	90	140030	6.70	
52 Indene	115		4.084					
62 Nitrobenzene	77	4.104	4.110	-0.006	73	571717	7.23	
63 N-Nitrosopiperidine	114		4.276					
64 Isophorone	82	4.281	4.286	-0.005	94	1060862	7.62	
66 2-Nitrophenol	139	4.345	4.350	-0.005	93	193987	7.39	
65 2,4-Dimethylphenol	107	4.361	4.361	0.0	97	339300	5.29	
67 1,3,5-Trichlorobenzene	180		4.361					
70 Bis(2-chloroethoxy)methane	93	4.425	4.430	-0.005	95	543438	7.39	
68 o,o',o''-Triethylphosphorothioat	198		4.463					
71 Benzoic acid	122	4.430	4.468	-0.038	75	205736	7.45	
17 4-Chlorophenol	128		4.500					
73 2,4-Dichlorophenol	162	4.526	4.526	0.0	94	299306	7.50	
24 Catechol	110		4.592					
74 1,2,4-Trichlorobenzene	180	4.590	4.596	-0.006	84	317434	6.62	
75 Naphthalene	128	4.655	4.655	0.0	98	1015621	7.43	
76 4-Chloroaniline	127	4.676	4.681	-0.005	69	243855	4.14	
79 Hexachlorobutadiene	225	4.740	4.740	0.0	89	178345	6.25	
77 2,6-Dichlorophenol	162		4.752					9
80 1,2,3-Trichlorobenzene	180		4.761					
78 Hexachloropropene	213		4.784					
72 alpha,alpha-Dimethyl phenethylam	58		4.848					9
15 3-Methylcatechol	124		4.913					
84 Caprolactam	113	4.932	4.948	-0.016	79	137231	7.44	
83 N-Nitrosodi-n-butylamine	84		4.976					
85 p-Phenylene diamine	108		5.003					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
86 4-Chloro-3-methylphenol	107	5.028	5.034	-0.006	86	414326	7.44	
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162	5.082	5.142	-0.060	80	282900	7.47	
87 2-Methylnaphthalene	142	5.162	5.162	0.0	85	664148	7.38	
88 1-Methylnaphthalene	142	5.237	5.237	0.0	80	627928	7.35	
89 Hexachlorocyclopentadiene	237	5.279	5.280	-0.001	80	104586	2.86	
90 1,2,3,5-Tetrachlorobenzene	216		5.280					
91 1,2,4,5-Tetrachlorobenzene	216		5.350					
225 Isosafrole Peak 1	162		5.355					9
92 2,4,6-Trichlorophenol	196	5.365	5.365	0.0	88	244045	6.89	
93 2,4,5-Trichlorophenol	196	5.397	5.397	0.0	93	257930	6.80	
97 2,4-Toluene diamine	121		5.482					9
98 1,1'-Biphenyl	154	5.498	5.499	0.0	95	841385	6.83	
99 1,2,3,4 -Tetrachlorobenzene	216		5.499					
100 2-Chloronaphthalene	162	5.520	5.525	-0.005	96	680391	6.88	
227 Isosafrole Peak 2	162		5.526					9
102 2-Nitroaniline	65	5.584	5.589	-0.005	73	301315	7.14	
105 Dimethyl phthalate	163	5.701	5.701	0.0	95	828595	7.13	
103 1,4-Naphthoquinone	158		5.702					
96 3,4-Dichloronitrobenzene	109		5.725					
104 1,4-Dinitrobenzene	168	5.675	5.729	-0.054	84	136083	8.11	
107 2,6-Dinitrotoluene	165	5.749	5.755	-0.006	67	196234	7.34	
101 Phenyl ether	170		5.773					
106 1,3-Dinitrobenzene	168	5.733	5.788	-0.055	78	149686	8.04	
108 1,2-Dinitrobenzene	168	5.798	5.803	-0.005	81	101305	7.52	
109 Acenaphthylene	152	5.830	5.830	0.0	86	1048427	6.68	
110 3-Nitroaniline	138	5.878	5.883	-0.005	85	129722	4.71	
112 Acenaphthene	153	5.952	5.953	0.0	94	674308	6.96	
111 2,4-Dinitrophenol	184	5.958	5.963	-0.005	69	120324	6.10	
113 4-Nitrophenol	109	5.990	5.995	-0.005	87	136397	6.81	
114 2,4-Dinitrotoluene	165	6.049	6.054	-0.005	80	264062	7.30	
116 Dibenzofuran	168	6.075	6.081	-0.006	88	982865	6.93	
115 Pentachlorobenzene	250		6.114					
118 2,3,5,6-Tetrachlorophenol	232	6.129	6.134	-0.005	87	212990	6.94	
117 1-Naphthylamine	143		6.188					9
121 Diethyl phthalate	149	6.203	6.209	-0.006	96	810429	7.07	
119 2,3,4,6-Tetrachlorophenol	232	6.161	6.226	-0.065	67	206034	7.33	
120 2-Naphthylamine	143		6.247					9
123 4-Chlorophenyl phenyl ether	204	6.305	6.310	-0.005	88	429916	6.86	
126 Fluorene	166	6.326	6.326	0.0	70	821922	6.86	
122 Thionazin	97		6.327					
125 4-Nitroaniline	138	6.326	6.332	-0.006	48	170353	5.76	
128 4,6-Dinitro-2-methylphenol	198	6.348	6.353	-0.005	84	175691	7.13	
124 N-Nitro-o-toluidine	152	6.348	6.381	-0.033	50	7973	0.2833	
131 N-Nitrosodiphenylamine	169	6.390	6.396	-0.006	97	452677	5.03	
127 Tributyl phosphate	99		6.402					
133 Azobenzene	77	6.422	6.428	-0.006	96	1118462	6.74	
132 1,2-Diphenylhydrazine	77	6.422	6.428	-0.006	97	1117965	6.74	
130 Diphenylamine	169	6.390	6.450	-0.060	91	452677	4.45	
134 Sulfotepp	202		6.541					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
135 1,3,5-Trinitrobenzene	213		6.621					9
228 Diallate Peak 1	86		6.653					9
137 Phenacetin	108	6.599	6.658	-0.059	87	477555	7.39	
139 4-Bromophenyl phenyl ether	248	6.663	6.663	0.0	63	224896	6.82	
138 Phorate	121	6.593	6.664	-0.071	86	145954	6.10	
230 Diallate Peak 2	86		6.723					9
141 Hexachlorobenzene	284	6.732	6.738	-0.006	82	206602	6.56	
142 Atrazine	200	6.759	6.764	-0.005	87	248388	7.98	
140 Dimethoate	87		6.787					9
143 Pentachlorophenol	266	6.866	6.871	-0.005	84	139537	6.16	
129 4-Aminobiphenyl	169		6.915					
144 Pronamide	173	6.876	6.942	-0.066	87	380936	7.32	
145 Pentachloronitrobenzene	237		6.942					
148 Phenanthrene	178	7.026	7.026	0.0	86	1203547	6.92	
146 Disulfoton	88		7.038					
147 Dinoseb	211		7.043					9
149 Anthracene	178	7.058	7.063	-0.005	87	1007212	5.61	
151 Carbazole	167	7.165	7.170	-0.005	82	1095961	6.94	
152 Methyl parathion	109		7.310					9
154 Di-n-butyl phthalate	149	7.378	7.379	-0.001	100	1363823	6.93	
155 Ethyl Parathion	97		7.582					
153 Diphenylsulfone	125		7.616					
156 4-Nitroquinoline-1-oxide	190		7.636					
157 Methapyrilene	58		7.673					9
158 Isodrin	66		7.844					
159 Fluoranthene	202	7.886	7.891	-0.005	98	1376668	6.75	
160 Benzidine	184		7.961					
161 Pyrene	202		8.062					
166 4,4'-DDE	246		8.097					
226 Aramite Peak 1	185		8.159					
229 Aramite Peak 2	185		8.213					
163 p-Dimethylamino azobenzene	225		8.304					9
164 Chlorobenzilate	139	8.260	8.325	-0.065	93	399721	7.02	
165 4,4'-DDD	235		8.375					
168 Butyl benzyl phthalate	149	8.468	8.473	-0.005	93	592189	6.26	
167 Famphur	218		8.506					9
169 3,3'-Dimethylbenzidine	212		8.549					9
170 4,4'-DDT	235		8.578					
171 2-Acetylaminofluorene	181		8.741					
172 3,3'-Dimethoxybenzidine	244		8.863					
173 Bis(2-ethylhexyl) phthalate	149	8.874	8.879	-0.005	95	646396	4.86	
174 4,4'-Methylene bis(2-chloroanili	231		8.895					9
175 3,3'-Dichlorobenzidine	252		8.901					9
177 Benzo[a]anthracene	228	8.933	8.944	-0.011	89	1206759	5.54	
178 Chrysene	228	8.965	8.970	-0.005	93	1209142	6.23	
176 Hexabromobenzene	232		9.208					
180 Di-n-octyl phthalate	149	9.360	9.365	-0.005	99	1011499	4.45	
179 6-Methylchrysene	242		9.576					
182 Benzo[b]fluoranthene	252	9.819	9.830	-0.011	89	991235	4.77	
183 Benzo[k]fluoranthene	252	9.846	9.857	-0.011	90	1158386	6.07	
181 7,12-Dimethylbenz(a)anthracene	256		9.895					9
184 Benzo[a]pyrene	252	10.151	10.161	-0.011	72	764577	4.23	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
185 3-Methylcholanthrene	268		10.638					9
188 Indeno[1,2,3-cd]pyrene	276	11.550	11.577	-0.027	94	1025829	5.50	
189 Dibenz(a,h)anthracene	278	11.555	11.577	-0.022	56	872192	5.59	
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
190 Benzo[g,h,i]perylene	276	11.961	11.983	-0.022	92	836180	5.33	
S 191 Methyl Phenols,Total	100				0		22.3	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 194 Decane TIC	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 192 Octadecane (TIC)	57		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					
T 235 4-isopropylphenol TIC	121		4.756					
T 236 3-isopropylphenol TIC	121		4.756					
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

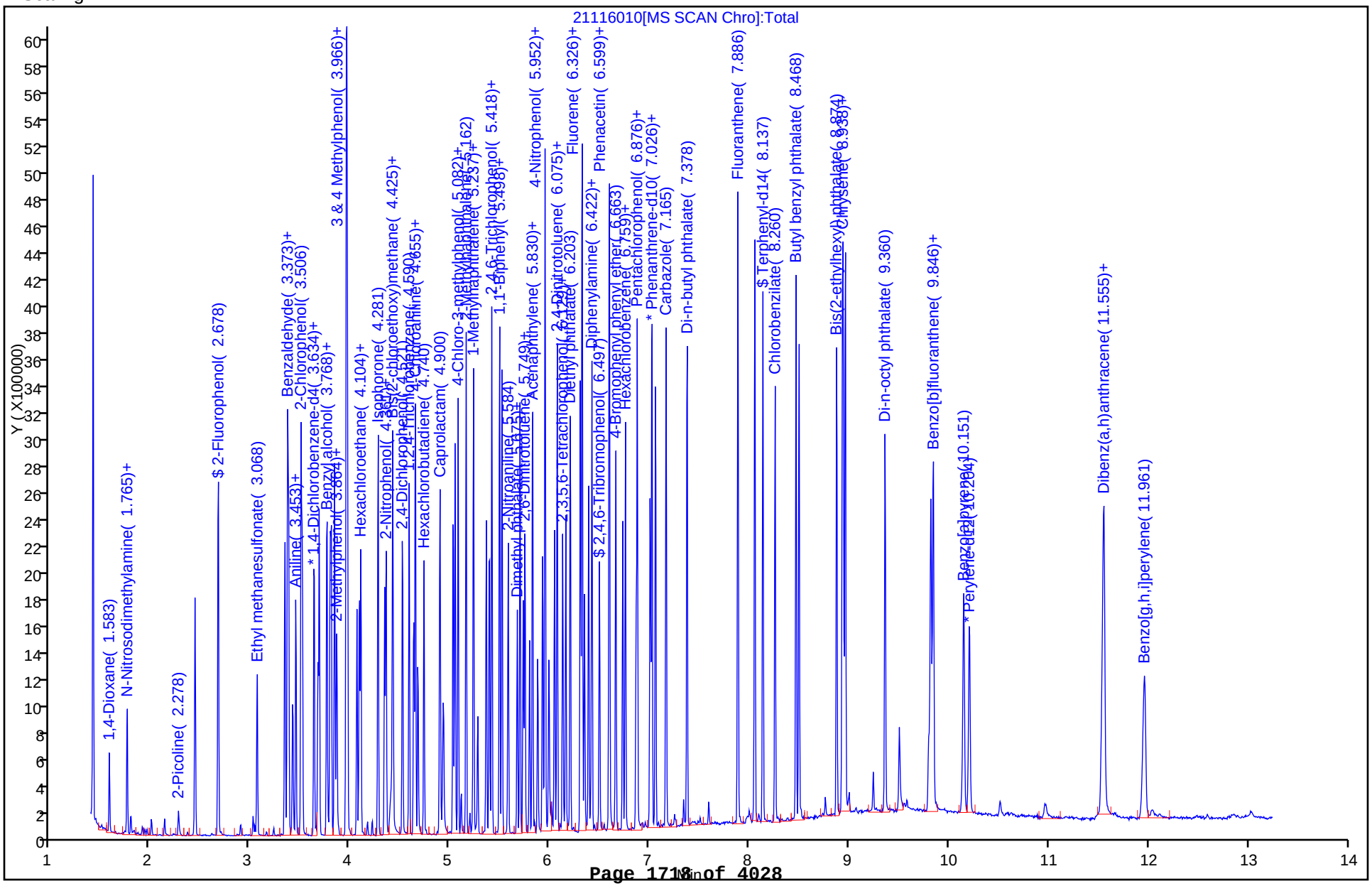
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 17-Nov-2012 12:48:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121116-15012.b\21116010.D		
Injection Date:	16-Nov-2012 12:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SW-0013-0002-SW	Instrument ID:	A4HP9
Lims Batch ID:	65294	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/07/2012 11:21

Analysis Batch Number: 64102 End Date: 11/07/2012 14:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-64102/1		11/07/2012 11:21	1	21107001.D	RXI-5SILMS 0.45(mm)
STD5 240-64102/2 IC		11/07/2012 11:44	1	21107002.D	RXI-5SILMS 0.45(mm)
STD4 240-64102/3 IC		11/07/2012 12:07	1	21107003.D	RXI-5SILMS 0.45(mm)
STD3 240-64102/4 IC		11/07/2012 12:31	1	21107004.D	RXI-5SILMS 0.45(mm)
STD2 240-64102/5 IC		11/07/2012 12:54	1	21107005.D	RXI-5SILMS 0.45(mm)
STD1 240-64102/6 IC		11/07/2012 13:18	1	21107006.D	RXI-5SILMS 0.45(mm)
STD9 240-64102/7 IC		11/07/2012 13:41	1	21107007.D	RXI-5SILMS 0.45(mm)
STD8 240-64102/8 IC		11/07/2012 14:05	1	21107008.D	RXI-5SILMS 0.45(mm)
STD7 240-64102/9 IC		11/07/2012 14:28	1	21107009.D	RXI-5SILMS 0.45(mm)
STD6 240-64102/10 ICIS		11/07/2012 14:51	1	21107010.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/21/2012 11:18

Analysis Batch Number: 65876 End Date: 11/21/2012 22:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-65876/1		11/21/2012 11:18	1	21121001.D	RXI-5SILMS 0.45(mm)
CCV 240-65876/2		11/21/2012 11:41	1		RXI-5SILMS 0.45(mm)
ICV 240-65876/3		11/21/2012 12:04	1	21121003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 12:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 12:51	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 13:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 13:38	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 14:01	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 14:25	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 14:48	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 15:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 15:35	5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 15:59	5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 16:22	5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 16:46	2.5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 17:09	12.5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 17:33	1		RXI-5SILMS 0.45(mm)
mdll1 LODV		11/21/2012 17:56	1		RXI-5SILMS 0.45(mm)
mdll2 LODV		11/21/2012 18:20	1		RXI-5SILMS 0.45(mm)
mdll3 LODV		11/21/2012 18:43	1		RXI-5SILMS 0.45(mm)
mdll4 LODV		11/21/2012 19:06	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 19:29	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 19:53	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 20:16	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 20:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:02	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:26	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:49	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:35	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:58	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/23/2012 09:05

Analysis Batch Number: 66051 End Date: 11/23/2012 16:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-66051/1		11/23/2012 09:05	1	21123001.D	RXI-5SILMS 0.45(mm)
CCV 240-66051/2		11/23/2012 09:55	1	21123002.D	RXI-5SILMS 0.45(mm)
MRL 240-66051/3		11/23/2012 10:18	1	21123003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 10:41	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 11:05	1		RXI-5SILMS 0.45(mm)
MB 240-65503/22-A		11/23/2012 11:28	1	21123006.D	RXI-5SILMS 0.45(mm)
LCS 240-65503/23-A		11/23/2012 11:51	1	21123007.D	RXI-5SILMS 0.45(mm)
240-17422-2	076SS-0020M-0001-SO	11/23/2012 12:15	1	21123008.D	RXI-5SILMS 0.45(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/23/2012 12:38	1	21123009.D	RXI-5SILMS 0.45(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/23/2012 13:01	1	21123010.D	RXI-5SILMS 0.45(mm)
240-17422-1	076SS-0019M-0001-SO	11/23/2012 13:25	4	21123011.D	RXI-5SILMS 0.45(mm)
240-17422-3	076SS-0021M-0001-SO	11/23/2012 13:48	1	21123012.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 14:12	10		RXI-5SILMS 0.45(mm)
MRL 240-66051/13		11/23/2012 14:35	1	21123013.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		11/23/2012 14:58	1	21123014.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		11/23/2012 15:21	1	21123015.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		11/23/2012 15:45	1	21123016.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		11/23/2012 16:08	1	21123017.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 16:31	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/26/2012 10:06

Analysis Batch Number: 66246 End Date: 11/26/2012 18:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-66246/1		11/26/2012 10:06	1	21126001.D	RXI-5SILMS 0.45(mm)
CCV 240-66246/2		11/26/2012 10:29	1	21126002.D	RXI-5SILMS 0.45(mm)
MRL 240-66246/3		11/26/2012 10:53	1	21126003.D	RXI-5SILMS 0.45(mm)
MB 240-65764/23-A		11/26/2012 11:16	1	21126004.D	RXI-5SILMS 0.45(mm)
LCS 240-65764/24-A		11/26/2012 11:39	1	21126005.D	RXI-5SILMS 0.45(mm)
240-17422-6	073SS-0003M-0001-SO	11/26/2012 12:02	1	21126006.D	RXI-5SILMS 0.45(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/26/2012 12:26	1	21126007.D	RXI-5SILMS 0.45(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/26/2012 12:49	1	21126008.D	RXI-5SILMS 0.45(mm)
240-17422-9	068SD-0009-0001-SO	11/26/2012 13:12	1	21126009.D	RXI-5SILMS 0.45(mm)
240-17422-9 MS	068SD-0009-0001-SO MS	11/26/2012 13:35	1	21126010.D	RXI-5SILMS 0.45(mm)
240-17422-9 MSD	068SD-0009-0001-SO MSD	11/26/2012 13:58	1	21126011.D	RXI-5SILMS 0.45(mm)
240-17422-10	068SD-00010-0001-SO	11/26/2012 14:22	1	21126012.D	RXI-5SILMS 0.45(mm)
240-17422-4	073SS-0001M-0001-SO	11/26/2012 14:45	4	21126013.D	RXI-5SILMS 0.45(mm)
240-17422-5	073SS-0002M-0001-SO	11/26/2012 15:08	4	21126014.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/26/2012 15:31	4		RXI-5SILMS 0.45(mm)
240-17422-8	073SS-0005M-0001-SO	11/26/2012 15:55	10	21126016.D	RXI-5SILMS 0.45(mm)
240-17422-11	068SD-00011-0001-SO	11/26/2012 16:18	1	21126035.D	RXI-5SILMS 0.45(mm)
240-17422-12	068SD-00012-0001-SO	11/26/2012 16:41	1	21126036.D	RXI-5SILMS 0.45(mm)
MRL 240-66246/17		11/26/2012 17:05	1	21126017.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		11/26/2012 17:28	1	21126018.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		11/26/2012 17:51	1	21126019.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		11/26/2012 18:14	1	21126020.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		11/26/2012 18:38	1	21126021.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP9 Start Date: 11/14/2012 11:15

Analysis Batch Number: 64921 End Date: 11/14/2012 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-64921/1		11/14/2012 11:15	1	21114001.D	RXI-5SILMS 0.45(mm)
STD5 240-64921/2 IC		11/14/2012 11:39	1	21114002.D	RXI-5SILMS 0.45(mm)
STD4 240-64921/3 IC		11/14/2012 11:59	1	21114003.D	RXI-5SILMS 0.45(mm)
STD3 240-64921/4 IC		11/14/2012 12:18	1	21114004.D	RXI-5SILMS 0.45(mm)
STD2 240-64921/5 IC		11/14/2012 12:37	1	21114005.D	RXI-5SILMS 0.45(mm)
STD1 240-64921/6 IC		11/14/2012 12:56	1	21114006.D	RXI-5SILMS 0.45(mm)
STD9 240-64921/7 IC		11/14/2012 13:15	1	21114007.D	RXI-5SILMS 0.45(mm)
STD8 240-64921/8 IC		11/14/2012 13:34	1	21114008.D	RXI-5SILMS 0.45(mm)
STD7 240-64921/9 IC		11/14/2012 13:53	1	21114009.D	RXI-5SILMS 0.45(mm)
STD6 240-64921/10 ICIS		11/14/2012 14:12	1	21114010.D	RXI-5SILMS 0.45(mm)
ICV 240-64921/21		11/14/2012 14:53	1	21114021.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 15:13	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 15:32	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 18:24	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 18:44	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 19:03	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 19:22	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 19:41	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/14/2012 20:00	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A4HP9 Start Date: 11/16/2012 09:20

Analysis Batch Number: 65294 End Date: 11/16/2012 15:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-65294/1		11/16/2012 09:20	1	21116001.D	RXI-5SILMS 0.45(mm)
CCV 240-65294/2		11/16/2012 09:38	1	21116002.D	RXI-5SILMS 0.45(mm)
MRL 240-65294/3		11/16/2012 10:00	1	21116003.D	RXI-5SILMS 0.45(mm)
MB 240-64920/23-A		11/16/2012 10:21	1	21116004.D	RXI-5SILMS 0.45(mm)
LCS 240-64920/24-A		11/16/2012 10:40	1	21116005.D	RXI-5SILMS 0.45(mm)
240-17422-13	076SW-0013-0001-SW	11/16/2012 11:36	1	21116008.D	RXI-5SILMS 0.45(mm)
240-17422-13 MS	076SW-0013-0001-SW MS	11/16/2012 11:55	1	21116009.D	RXI-5SILMS 0.45(mm)
240-17422-13 MSD	076SW-0013-0001-SW MSD	11/16/2012 12:14	1	21116010.D	RXI-5SILMS 0.45(mm)
240-17422-14	076SW-0014-0001-SW	11/16/2012 12:33	1	21116011.D	RXI-5SILMS 0.45(mm)
240-17422-15	076SW-0015-0001-SW	11/16/2012 12:52	1	21116012.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/16/2012 13:11	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/16/2012 13:30	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/16/2012 13:49	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/16/2012 14:08	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/16/2012 14:27	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/16/2012 14:46	1		RXI-5SILMS 0.45(mm)
MRL 240-65294/19		11/16/2012 15:09	1	21116019.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Batch Number: 64920 Batch Start Date: 11/14/12 12:40 Batch Analyst: Earle, Steve

Batch Method: 3520C Batch End Date: 11/15/12 06:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	EXBNALCS1 00029	EXBNASURRW 00020
240-17422-E-13	076SW-0013-0001-SW	3520C, 8270C/DoD	T	7 SU	1050 mL	2.0 mL	2 SU		1 mL
240-17422-H-13 MS	076SW-0013-0001-SW	3520C, 8270C/DoD	T	7 SU	1050 mL	2.0 mL	2 SU	1 mL	1 mL
240-17422-F-13 MSD	076SW-0013-0001-SW	3520C, 8270C/DoD	T	7 SU	1050 mL	2.0 mL	2 SU	1 mL	1 mL
240-17422-B-14	076SW-0014-0001-SW	3520C, 8270C/DoD	T	7 SU	1030 mL	2.0 mL	2 SU		1 mL
240-17422-C-15	076SW-0015-0001-SW	3520C, 8270C/DoD	T	7 SU	1050 mL	2.0 mL	2 SU		1 mL
MB 240-64920/23		3520C, 8270C/DoD		7 SU	1000 mL	2.0 mL	2 SU		1 mL
LCS 240-64920/24		3520C, 8270C/DoD		7 SU	1000 mL	2.0 mL	2 SU	1 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXRESTEKSPKW 00016					
240-17422-E-13	076SW-0013-0001-SW	3520C, 8270C/DoD	T						
240-17422-H-13 MS	076SW-0013-0001-SW	3520C, 8270C/DoD	T	1 mL					
240-17422-F-13 MSD	076SW-0013-0001-SW	3520C, 8270C/DoD	T	1 mL					
240-17422-B-14	076SW-0014-0001-SW	3520C, 8270C/DoD	T						
240-17422-C-15	076SW-0015-0001-SW	3520C, 8270C/DoD	T						
MB 240-64920/23		3520C, 8270C/DoD							
LCS 240-64920/24		3520C, 8270C/DoD		1 mL					

Batch Notes	
Acid used for pH adjust Lot #	711898
Person's name who did the concentration	lm/lh
Na2SO4 Lot Number	677233
Prep Solvent Lot #	723535

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Batch Number: 65503 Batch Start Date: 11/19/12 14:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/20/12 06:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17422-A-1-B	076SS-0019M-0001 -SO	3540C, 8270C/DoD	T	29.65 g	2 mL		1 mL		
240-17422-A-2-B	076SS-0020M-0001 -SO	3540C, 8270C/DoD	T	30.46 g	2 mL		1 mL		
240-17422-A-2-C MS	076SS-0020M-0001 -SO	3540C, 8270C/DoD	T	29.67 g	2 mL	1 mL	1 mL	1 mL	
240-17422-A-2-D MSD	076SS-0020M-0001 -SO	3540C, 8270C/DoD	T	29.67 g	2 mL	1 mL	1 mL	1 mL	
240-17422-A-3-B	076SS-0021M-0001 -SO	3540C, 8270C/DoD	T	29.78 g	2 mL		1 mL		
MB 240-65503/22		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-65503/23		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Person's name who did the concentration	cc/lh
Na2SO4 Lot Number	677234
Prep Solvent Lot #	719008

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Batch Number: 65764 Batch Start Date: 11/20/12 14:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/21/12 06:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17422-A-4-A	073SS-0001M-0001-SO	3540C, 8270C/DoD	T	30.31 g	2 mL		1 mL		
240-17422-A-5-B	073SS-0002M-0001-SO	3540C, 8270C/DoD	T	29.69 g	2 mL		1 mL		
240-17422-A-6-B	073SS-0003M-0001-SO	3540C, 8270C/DoD	T	29.56 g	2 mL		1 mL		
240-17422-A-6-C MS	073SS-0003M-0001-SO	3540C, 8270C/DoD	T	30.31 g	2 mL	1 mL	1 mL	1 mL	
240-17422-A-6-D MSD	073SS-0003M-0001-SO	3540C, 8270C/DoD	T	30.49 g	2 mL	1 mL	1 mL	1 mL	
240-17422-A-8-A	073SS-0005M-0001-SO	3540C, 8270C/DoD	T	29.93 g	2 mL		1 mL		
240-17422-A-9-A	068SD-0009-0001-SO	3540C, 8270C/DoD	T	30.37 g	2 mL		1 mL		
240-17422-A-9-B MS	068SD-0009-0001-SO	3540C, 8270C/DoD	T	29.78 g	2 mL	1 mL	1 mL	1 mL	
240-17422-A-9-C MSD	068SD-0009-0001-SO	3540C, 8270C/DoD	T	29.76 g	2 mL	1 mL	1 mL	1 mL	
240-17422-A-10-A	068SD-00010-0001-SO	3540C, 8270C/DoD	T	29.78 g	2 mL		1 mL		
240-17422-A-11-A	068SD-00011-0001-SO	3540C, 8270C/DoD	T	29.50 g	2 mL		1 mL		
240-17422-A-12-A	068SD-00012-0001-SO	3540C, 8270C/DoD	T	29.80 g	2 mL		1 mL		
MB 240-65764/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-65764/24		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Person's name who did the concentration	cc/lh
Na2SO4 Lot Number	677237
Prep Solvent Lot #	719012

Basis	Basis Description
T	Total/NA

Method 8081 DOD

Organochlorine Pesticides (GC) by Method 8081A/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
076SS-0020M-0001-SO	240-17422-2	91	89	75	76
076SS-0021M-0001-SO	240-17422-3	71	70	82	60
073SS-0002M-0001-SO	240-17422-5	105	104	99	128
073SS-0003M-0001-SO	240-17422-6	107	109	117	70 M
	MB 240-65501/9-A	75	76	93	90
	LCS 240-65501/10-A	83	87	90 M	88
076SS-0020M-0001-SO MS	240-17422-2 MS	106	94	97	99
073SS-0003M-0001-SO MS	240-17422-6 MS	115	96	135 Q	148 Q
076SS-0020M-0001-SO MSD	240-17422-2 MSD	106	102	91	88
073SS-0003M-0001-SO MSD	240-17422-6 MSD	120	108	161 Q	147 Q

	QC LIMITS
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Column to be used to flag recovery values

FORM II 8081/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112719.D

Lab ID: LCS 240-65501/10-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	33.3	30.4	91	30-135	
4,4'-DDE	33.3	29.1	87	70-125	
4,4'-DDT	33.3	36.7	110	45-140	
Aldrin	33.3	29.1	87	45-140	
alpha-BHC	33.3	29.4	88	60-125	
alpha-Chlordane	33.3	28.7	86	65-120	
beta-BHC	33.3	28.6	86	60-125	
delta-BHC	33.3	34.0	102	55-130	
Dieldrin	33.3	30.3	91	65-125	
Endosulfan I	33.3	21.6	65	15-135	
Endosulfan II	33.3	24.6	74	35-140	
Endosulfan sulfate	33.3	34.3	103	60-135	
Endrin	33.3	28.9	87	60-135	
Endrin aldehyde	33.3	31.8	95	35-145	
Endrin ketone	33.3	30.8	93	65-135	
gamma-BHC (Lindane)	33.3	27.5	82	60-125	
gamma-Chlordane	33.3	27.6	83	65-125	
Heptachlor	33.3	25.0	75	50-140	
Heptachlor epoxide	33.3	29.3	88	65-130	M
Methoxychlor	33.3	34.0	102	55-145	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9112718.D

Lab ID: MRL 240-66500/18 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00526	105	70-130	
4,4'-DDD	0.00500	0.00553	111	70-130	
4,4'-DDE	0.00500	0.00524	105	70-130	
4,4'-DDE	0.00500	0.00540	108	70-130	
4,4'-DDT	0.00500	0.00507	101	70-130	
4,4'-DDT	0.00500	0.00525	105	70-130	
Aldrin	0.00500	0.00539	108	70-130	
Aldrin	0.00500	0.00544	109	70-130	
alpha-BHC	0.00500	0.00519	104	70-130	
alpha-BHC	0.00500	0.00489 J	98	70-130	
alpha-Chlordane	0.00500	0.00551	110	70-130	
alpha-Chlordane	0.00500	0.00572	114	70-130	
beta-BHC	0.00500	0.00573	115	70-130	
beta-BHC	0.00500	0.00600	120	70-130	
delta-BHC	0.00500	0.00523	105	70-130	
delta-BHC	0.00500	0.00513	103	70-130	
Dieldrin	0.00500	0.00537	107	70-130	
Dieldrin	0.00500	0.00566	113	70-130	
Endosulfan I	0.00500	0.00567	113	70-130	
Endosulfan I	0.00500	0.00594	119	70-130	
Endosulfan II	0.00500	0.00564	113	70-130	
Endosulfan II	0.00500	0.00553	111	70-130	
Endosulfan sulfate	0.00500	0.00563	113	70-130	
Endosulfan sulfate	0.00500	0.00558	112	70-130	
Endrin	0.00500	0.00563	113	70-130	
Endrin	0.00500	0.00567	113	70-130	
Endrin aldehyde	0.00500	0.00557	111	70-130	
Endrin aldehyde	0.00500	0.00590	118	70-130	
Endrin ketone	0.00500	0.00559	112	70-130	
Endrin ketone	0.00500	0.00556	111	70-130	
gamma-BHC (Lindane)	0.00500	0.00534	107	70-130	
gamma-BHC (Lindane)	0.00500	0.00534	107	70-130	
gamma-Chlordane	0.00500	0.00546	109	70-130	
gamma-Chlordane	0.00500	0.00555	111	70-130	
Heptachlor	0.00500	0.00566	113	70-130	
Heptachlor	0.00500	0.00585	117	70-130	
Heptachlor epoxide	0.00500	0.00561	112	70-130	
Heptachlor epoxide	0.00500	0.00577	115	70-130	
Methoxychlor	0.00500	0.00551 J	110	70-130	
Methoxychlor	0.00500	0.00557 J	111	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9112756.D

Lab ID: MRL 240-66500/56 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00578	116	70-130	
4,4'-DDD	0.00500	0.00575	115	70-130	
4,4'-DDE	0.00500	0.00608	122	70-130	
4,4'-DDE	0.00500	0.00593	119	70-130	
4,4'-DDT	0.00500	0.00510	102	70-130	
4,4'-DDT	0.00500	0.00514	103	70-130	
Aldrin	0.00500	0.00666	133	70-130	^
Aldrin	0.00500	0.00657	131	70-130	^
alpha-BHC	0.00500	0.00640	128	70-130	
alpha-BHC	0.00500	0.00591	118	70-130	
alpha-Chlordane	0.00500	0.00636	127	70-130	
alpha-Chlordane	0.00500	0.00631	126	70-130	
beta-BHC	0.00500	0.00652	130	70-130	
beta-BHC	0.00500	0.00667	133	70-130	^
delta-BHC	0.00500	0.00596	119	70-130	
delta-BHC	0.00500	0.00566	113	70-130	
Dieldrin	0.00500	0.00605	121	70-130	
Dieldrin	0.00500	0.00606	121	70-130	
Endosulfan I	0.00500	0.00611	122	70-130	
Endosulfan I	0.00500	0.00611	122	70-130	
Endosulfan II	0.00500	0.00597	119	70-130	
Endosulfan II	0.00500	0.00575	115	70-130	
Endosulfan sulfate	0.00500	0.00629	126	70-130	
Endosulfan sulfate	0.00500	0.00599	120	70-130	
Endrin	0.00500	0.00582	116	70-130	
Endrin	0.00500	0.00564	113	70-130	
Endrin aldehyde	0.00500	0.00582	116	70-130	
Endrin aldehyde	0.00500	0.00586	117	70-130	
Endrin ketone	0.00500	0.00611	122	70-130	
Endrin ketone	0.00500	0.00580	116	70-130	
gamma-BHC (Lindane)	0.00500	0.00607	121	70-130	
gamma-BHC (Lindane)	0.00500	0.00579	116	70-130	
gamma-Chlordane	0.00500	0.00626	125	70-130	
gamma-Chlordane	0.00500	0.00623	125	70-130	
Heptachlor	0.00500	0.00570	114	70-130	
Heptachlor	0.00500	0.00576	115	70-130	
Heptachlor epoxide	0.00500	0.00633	127	70-130	
Heptachlor epoxide	0.00500	0.00635	127	70-130	
Methoxychlor	0.00500	0.00591 J	118	70-130	
Methoxychlor	0.00500	0.00580 J	116	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112721.D

Lab ID: 240-17422-2 MS Client ID: 076SS-0020M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	33.6	3.4 U	35.2	105	30-135	D
4,4'-DDE	33.6	3.4 U	31.0	92	70-125	D
4,4'-DDT	33.6	3.4 U	38.4	114	45-140	D
Aldrin	33.6	6.7 U	33.1	99	45-140	D
alpha-BHC	33.6	6.7 U	31.2	93	60-125	D
alpha-Chlordane	33.6	6.7 U	31.8	95	65-120	D
beta-BHC	33.6	6.7 U	33.5	100	60-125	D
delta-BHC	33.6	6.7 U	38.0	113	55-130	D
Dieldrin	33.6	3.4 U	31.5	94	65-125	D
Endosulfan I	33.6	3.4 U	24.6	73	15-135	D
Endosulfan II	33.6	6.7 U	29.3	87	35-140	D
Endosulfan sulfate	33.6	6.7 U	36.8	110	60-135	D
Endrin	33.6	3.4 U	31.5	94	60-135	D
Endrin aldehyde	33.6	6.7 U	35.0	104	35-145	D
Endrin ketone	33.6	3.4 U	31.3	93	65-135	D
gamma-BHC (Lindane)	33.6	6.7 U	31.8	95	60-125	D
gamma-Chlordane	33.6	3.4 U	31.4	94	65-125	D
Heptachlor	33.6	6.7 U	29.5	88	50-140	D
Heptachlor epoxide	33.6	6.7 U	36.3	108	65-130	D
Methoxychlor	33.6	17 U	32.3	96	55-145	D

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112726.D

Lab ID: 240-17422-6 MS Client ID: 073SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	33.1	14 U	33.1 J	100	30-135	D
4,4'-DDE	33.1	14 U	34.5	104	70-125	D
4,4'-DDT	33.1	14 U	34.1 J	103	45-140	D
Aldrin	33.1	27 U	34.8 J	105	45-140	D
alpha-BHC	33.1	27 U	30.6 J	92	60-125	D
alpha-Chlordane	33.1	27 U	32.2 J	97	65-120	D
beta-BHC	33.1	140	95.4	-139	60-125	4 D
delta-BHC	33.1	27 U	34.7 J	105	55-130	D
Dieldrin	33.1	14 U	32.4 J	98	65-125	D
Endosulfan I	33.1	14 U	24.8 J	75	15-135	D
Endosulfan II	33.1	27 U	27.9 J	84	35-140	D
Endosulfan sulfate	33.1	27 U	35.4 J	107	60-135	D
Endrin	33.1	14 U	30.7 J	93	60-135	D
Endrin aldehyde	33.1	27 U	33.1 J	100	35-145	D
Endrin ketone	33.1	14 U	31.8 J	96	65-135	D
gamma-BHC (Lindane)	33.1	27 U	33.9 J	102	60-125	D
gamma-Chlordane	33.1	14 U	33.2 J	100	65-125	D
Heptachlor	33.1	27 U	35.2 J	106	50-140	D
Heptachlor epoxide	33.1	27 U	37.0 J	112	65-130	J D
Methoxychlor	33.1	67 U	43.5 J	131	55-145	D

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112722.D

Lab ID: 240-17422-2 MSD Client ID: 076SS-0020M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	33.7	30.6	91	14	30	30-135	D
4,4'-DDE	33.7	29.9	89	4	30	70-125	D
4,4'-DDT	33.7	33.0	98	15	30	45-140	D
Aldrin	33.7	31.9	95	4	30	45-140	D
alpha-BHC	33.7	30.4	90	2	30	60-125	D
alpha-Chlordane	33.7	28.9	86	9	30	65-120	D
beta-BHC	33.7	31.2	92	7	30	60-125	D
delta-BHC	33.7	35.4	105	7	30	55-130	D
Dieldrin	33.7	29.8	89	5	30	65-125	D
Endosulfan I	33.7	22.2	66	10	30	15-135	D
Endosulfan II	33.7	26.3	78	11	30	35-140	D
Endosulfan sulfate	33.7	32.6	97	12	30	60-135	D
Endrin	33.7	27.5	82	14	30	60-135	D
Endrin aldehyde	33.7	30.5	90	14	30	35-145	D
Endrin ketone	33.7	28.9	86	8	30	65-135	D
gamma-BHC (Lindane)	33.7	28.9	86	9	30	60-125	D
gamma-Chlordane	33.7	28.6	85	10	30	65-125	D
Heptachlor	33.7	23.9	71	21	30	50-140	D
Heptachlor epoxide	33.7	34.5	102	5	30	65-130	D
Methoxychlor	33.7	37.7	112	15	30	55-145	D

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112727.D

Lab ID: 240-17422-6 MSD Client ID: 073SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	33.5	34.8 J	104	5	30	30-135	D
4,4'-DDE	33.5	37.0	110	7	30	70-125	D
4,4'-DDT	33.5	35.8 J	107	5	30	45-140	D
Aldrin	33.5	36.0 J	107	3	30	45-140	D
alpha-BHC	33.5	33.0 J	98	8	30	60-125	D
alpha-Chlordane	33.5	34.1 J	102	6	30	65-120	D
beta-BHC	33.5	100	-123	5	30	60-125	4 D
delta-BHC	33.5	37.5 J	112	8	30	55-130	D
Dieldrin	33.5	35.3	105	9	30	65-125	D
Endosulfan I	33.5	27.0 J	80	9	30	15-135	D
Endosulfan II	33.5	29.2 J	87	5	30	35-140	D
Endosulfan sulfate	33.5	38.9 J	116	10	30	60-135	D
Endrin	33.5	33.6 J	100	9	30	60-135	D
Endrin aldehyde	33.5	36.6 J	109	10	30	35-145	D
Endrin ketone	33.5	33.5 J	100	5	30	65-135	D
gamma-BHC (Lindane)	33.5	36.2 J	108	6	30	60-125	D
gamma-Chlordane	33.5	37.2	111	11	30	65-125	D
Heptachlor	33.5	36.6 J	109	4	30	50-140	D
Heptachlor epoxide	33.5	37.9 J	113	3	30	65-130	D
Methoxychlor	33.5	44.1 J	131	1	30	55-145	D

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: MB 240-65501/9-A

Matrix: Solid Date Extracted: 11/18/2012 11:23

Lab File ID:(1) P9112728.D Lab File ID:(2) P9112728.D

Date Analyzed:(1) 11/28/2012 14:12 Date Analyzed:(2) 11/28/2012 14:12

Instrument ID:(1) A2HP9 Instrument ID:(2) A2HP9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-65501/10-A	11/28/2012 10:05	11/28/2012 10:05
076SS-0020M-0001-SO	240-17422-2	11/28/2012 10:32	11/28/2012 10:32
076SS-0020M-0001-SO MS	240-17422-2 MS	11/28/2012 11:00	11/28/2012 11:00
076SS-0020M-0001-SO MSD	240-17422-2 MSD	11/28/2012 11:28	11/28/2012 11:28
076SS-0021M-0001-SO	240-17422-3	11/28/2012 11:56	11/28/2012 11:56
073SS-0002M-0001-SO	240-17422-5	11/28/2012 12:24	11/28/2012 12:24
073SS-0003M-0001-SO	240-17422-6	11/28/2012 12:48	11/28/2012 12:48
073SS-0003M-0001-SO MS	240-17422-6 MS	11/28/2012 13:16	11/28/2012 13:16
073SS-0003M-0001-SO MSD	240-17422-6 MSD	11/28/2012 13:44	11/28/2012 13:44

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD 240-66500/7 Date Analyzed: 11/28/2012 04:47

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P9112707.D Heated Purge: (Y/N) N

Calibration ID: 12530

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
INITIAL CALIBRATION SURROGATE				3.54	12.86	
UPPER LIMIT				3.57	12.89	
LOWER LIMIT				3.51	12.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-66500/7 ICRT		11/28/2012 04:47	P9112707.D	3.54	12.86	
LCS 240-65501/10-A		11/28/2012 10:05	P9112719.D	3.54	12.86	
240-17422-2	076SS-0020M-0001-SO	11/28/2012 10:32	P9112720.D	3.54	12.86	
240-17422-2 MS	076SS-0020M-0001-SO MS	11/28/2012 11:00	P9112721.D	3.54	12.86	
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/28/2012 11:28	P9112722.D	3.54	12.86	
240-17422-3	076SS-0021M-0001-SO	11/28/2012 11:56	P9112723.D	3.54	12.86	
240-17422-5	073SS-0002M-0001-SO	11/28/2012 12:24	P9112724.D	3.54	12.87	
240-17422-6	073SS-0003M-0001-SO	11/28/2012 12:48	P9112725.D	3.54	12.86	
240-17422-6 MS	073SS-0003M-0001-SO MS	11/28/2012 13:16	P9112726.D	3.54	12.87	
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/28/2012 13:44	P9112727.D	3.54	12.87	
MB 240-65501/9-A		11/28/2012 14:12	P9112728.D	3.54	12.86	
CCV 240-66500/30		11/28/2012 15:08	P9112730.D	3.54	12.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: STD 240-66500/7 Date Analyzed: 11/28/2012 04:47

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P9112707.D Heated Purge: (Y/N) N

Calibration ID: 12531

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
INITIAL CALIBRATION SURROGATE				4.14	14.33	
UPPER LIMIT				4.17	14.36	
LOWER LIMIT				4.11	14.30	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-66500/7 ICRT		11/28/2012 04:47	P9112707.D	4.14	14.33	
LCS 240-65501/10-A		11/28/2012 10:05	P9112719.D	4.14	14.33	
240-17422-2	076SS-0020M-0001-SO	11/28/2012 10:32	P9112720.D	4.14	14.32	
240-17422-2 MS	076SS-0020M-0001-SO MS	11/28/2012 11:00	P9112721.D	4.14	14.33	
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/28/2012 11:28	P9112722.D	4.14	14.32	
240-17422-3	076SS-0021M-0001-SO	11/28/2012 11:56	P9112723.D	4.14	14.33	
240-17422-5	073SS-0002M-0001-SO	11/28/2012 12:24	P9112724.D	4.14	14.33	
240-17422-6	073SS-0003M-0001-SO	11/28/2012 12:48	P9112725.D	4.14	14.32	
240-17422-6 MS	073SS-0003M-0001-SO MS	11/28/2012 13:16	P9112726.D	4.14	14.33	
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/28/2012 13:44	P9112727.D	4.14	14.33	
MB 240-65501/9-A		11/28/2012 14:12	P9112728.D	4.14	14.32	
CCV 240-66500/30		11/28/2012 15:08	P9112730.D	4.14	14.33	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS Lab Sample ID: 240-17422-2 MS

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 11:00 Date Analyzed (2): 11/28/2012 11:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	34.7		10.7
	2		4.98	4.95	5.01	31.2		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	33.8		6.1
	2		5.55	5.52	5.58	31.8		
beta-BHC	1		4.74	4.71	4.77	38.4		13.5
	2		5.73	5.70	5.76	33.5		
delta-BHC	1		4.96	4.93	4.99	35.9		5.8
	2		6.29	6.26	6.32	38.0		
Heptachlor	1		5.24	5.21	5.28	33.5		12.8
	2		6.39	6.36	6.43	29.5		
Aldrin	1		5.71	5.68	5.74	33.3		0.3
	2		7.13	7.10	7.16	33.1		
Heptachlor epoxide	1		6.96	6.93	6.99	36.3		27.1
	2		8.61	8.57	8.63	47.7		
gamma-Chlordane	1		7.28	7.25	7.31	33.8		7.3
	2		9.03	8.99	9.05	31.4		
alpha-Chlordane	1		7.62	7.59	7.65	30.4		4.4
	2		9.33	9.30	9.36	31.8		
Endosulfan I	1		7.90	7.87	7.93	26.2		6.2
	2		9.40	9.37	9.43	24.6		
4,4'-DDE	1		8.00	7.97	8.03	33.5		7.6
	2		9.79	9.76	9.82	31.0		
Dieldrin	1		8.46	8.43	8.49	35.8		12.7
	2		9.93	9.90	9.96	31.5		
Endrin	1		8.91	8.88	8.94	34.7		9.8
	2		10.45	10.42	10.48	31.5		
4,4'-DDD	1		9.26	9.23	9.29	35.2		18.8
	2		10.81	10.78	10.84	29.2		
Endosulfan II	1		9.35	9.32	9.38	29.3		0.5
	2		10.81	10.78	10.84	29.2		
4,4'-DDT	1		9.78	9.75	9.81	39.9		3.8
	2		11.29	11.26	11.32	38.4		
Endrin aldehyde	1		10.14	10.11	10.17	35.7		1.8
	2		11.38	11.35	11.41	35.0		
Methoxychlor	1		10.72	10.69	10.75	38.5		17.5
	2		12.37	12.34	12.40	32.3		
Endosulfan sulfate	1		10.86	10.83	10.89	40.3		9.1
	2		11.82	11.79	11.85	36.8		
Endrin ketone	1		11.26	11.23	11.29	36.5		15.4
	2		12.55	12.52	12.58	31.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD Lab Sample ID: 240-17422-2 MSD

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 11:28 Date Analyzed (2): 11/28/2012 11:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	34.4		12.4
	2		4.98	4.95	5.01	30.4		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	31.0		6.8
	2		5.55	5.52	5.58	28.9		
beta-BHC	1		4.74	4.71	4.77	37.6		18.6
	2		5.73	5.70	5.76	31.2		
delta-BHC	1		4.96	4.93	4.99	34.9		1.3
	2		6.29	6.26	6.32	35.4		
Heptachlor	1		5.24	5.21	5.28	29.6		21.2
	2		6.39	6.36	6.43	23.9		
Aldrin	1		5.71	5.68	5.74	35.2		9.8
	2		7.13	7.10	7.16	31.9		
Heptachlor epoxide	1		6.96	6.93	6.99	34.5		21.5
	2		8.61	8.57	8.63	42.8		
gamma-Chlordane	1		7.28	7.25	7.31	31.3		9.3
	2		9.03	8.99	9.05	28.6		
alpha-Chlordane	1		7.62	7.59	7.65	28.8		0.3
	2		9.33	9.30	9.36	28.9		
Endosulfan I	1		7.90	7.87	7.93	25.4		13.7
	2		9.40	9.37	9.43	22.2		
4,4'-DDE	1		8.00	7.97	8.03	32.1		6.9
	2		9.79	9.76	9.82	29.9		
Dieldrin	1		8.46	8.43	8.49	33.0		10.1
	2		9.93	9.90	9.96	29.8		
Endrin	1		8.91	8.88	8.94	31.0		12.0
	2		10.44	10.42	10.48	27.5		
4,4'-DDD	1		9.26	9.23	9.29	30.6		17.8
	2		10.81	10.78	10.84	25.6		
Endosulfan II	1		9.35	9.32	9.38	26.3		2.4
	2		10.81	10.78	10.84	25.6		
4,4'-DDT	1		9.78	9.75	9.81	35.0		5.8
	2		11.29	11.26	11.32	33.0		
Endrin aldehyde	1		10.14	10.11	10.17	31.9		4.4
	2		11.38	11.35	11.41	30.5		
Methoxychlor	1		10.72	10.69	10.75	50.4		29.0
	2		12.37	12.34	12.40	37.7		
Endosulfan sulfate	1		10.86	10.83	10.89	42.3		26.0
	2		11.82	11.79	11.85	32.6		
Endrin ketone	1		11.26	11.23	11.29	32.3		11.3
	2		12.55	12.52	12.58	28.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS Lab Sample ID: 240-17422-6 MS

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 13:16 Date Analyzed (2): 11/28/2012 13:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	34.3		11.3
	2		4.98	4.95	5.01	30.6		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	35.2		3.6
	2		5.55	5.52	5.58	33.9		
beta-BHC	1		4.74	4.71	4.77	47.0		67.9
	2		5.73	5.70	5.76	95.4		
delta-BHC	1		4.96	4.93	4.99	30.6		12.7
	2		6.29	6.26	6.32	34.7		
Heptachlor	1		5.24	5.21	5.28	39.1		10.5
	2		6.40	6.36	6.43	35.2		
Aldrin	1		5.71	5.68	5.74	34.6		0.6
	2		7.13	7.10	7.16	34.8		
Heptachlor epoxide	1		6.96	6.93	6.99	37.0		189.4
	2		8.64	8.57	8.63	1350		
gamma-Chlordane	1		7.27	7.25	7.31	34.3		3.1
	2		9.03	8.99	9.05	33.2		
alpha-Chlordane	1		7.62	7.59	7.65	34.4		6.5
	2		9.34	9.30	9.36	32.2		
Endosulfan I	1		7.90	7.87	7.93	26.9		8.1
	2		9.40	9.37	9.43	24.8		
4,4'-DDE	1		8.00	7.97	8.03	36.7		6.2
	2		9.79	9.76	9.82	34.5		
Dieldrin	1		8.46	8.43	8.49	34.2		5.4
	2		9.93	9.90	9.96	32.4		
Endrin	1		8.91	8.88	8.94	48.9		45.8
	2		10.45	10.42	10.48	30.7		
4,4'-DDD	1		9.26	9.23	9.29	33.1		12.5
	2		10.81	10.78	10.84	29.2		
Endosulfan II	1		9.35	9.32	9.38	27.9		4.4
	2		10.81	10.78	10.84	29.2		
4,4'-DDT	1		9.78	9.75	9.81	33.4		2.3
	2		11.29	11.26	11.32	34.1		
Endrin aldehyde	1		10.14	10.11	10.17	34.1		3.2
	2		11.38	11.35	11.41	33.1		
Methoxychlor	1		10.72	10.69	10.75	32.6		28.7
	2		12.37	12.34	12.40	43.5		
Endosulfan sulfate	1		10.86	10.83	10.89	35.9		1.5
	2		11.82	11.79	11.85	35.4		
Endrin ketone	1		11.26	11.23	11.29	33.3		4.6
	2		12.55	12.52	12.58	31.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD Lab Sample ID: 240-17422-6 MSD

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 13:44 Date Analyzed (2): 11/28/2012 13:44

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	36.5		10.0
	2		4.98	4.95	5.01	33.0		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	36.6		1.2
	2		5.55	5.52	5.58	36.2		
beta-BHC	1		4.74	4.71	4.77	52.7		62.2
	2		5.72	5.70	5.76	100		
delta-BHC	1		4.96	4.93	4.99	29.6		23.5
	2		6.29	6.26	6.32	37.5		
Heptachlor	1		5.25	5.21	5.28	37.8		3.2
	2		6.39	6.36	6.43	36.6		
Aldrin	1		5.71	5.68	5.74	37.8		4.8
	2		7.13	7.10	7.16	36.0		
Heptachlor epoxide	1		6.96	6.93	6.99	37.9		188.1
	2		8.64	8.57	8.63	1240		
gamma-Chlordane	1		7.27	7.25	7.31	35.8		3.8
	2		9.03	8.99	9.05	37.2		
alpha-Chlordane	1		7.63	7.59	7.65	36.8		7.6
	2		9.33	9.30	9.36	34.1		
Endosulfan I	1		7.90	7.87	7.93	27.6		2.2
	2		9.40	9.37	9.43	27.0		
4,4'-DDE	1		8.00	7.97	8.03	38.3		3.4
	2		9.79	9.76	9.82	37.0		
Dieldrin	1		8.46	8.43	8.49	36.9		4.4
	2		9.93	9.90	9.96	35.3		
Endrin	1		8.91	8.88	8.94	37.2		10.3
	2		10.45	10.42	10.48	33.6		
4,4'-DDD	1		9.26	9.23	9.29	34.8		11.5
	2		10.81	10.78	10.84	31.0		
Endosulfan II	1		9.35	9.32	9.38	29.2		5.8
	2		10.81	10.78	10.84	31.0		
4,4'-DDT	1		9.78	9.75	9.81	35.7		0.2
	2		11.29	11.26	11.32	35.8		
Endrin aldehyde	1		10.14	10.11	10.17	35.9		1.9
	2		11.38	11.35	11.41	36.6		
Methoxychlor	1		10.72	10.69	10.75	33.0		28.7
	2		12.37	12.34	12.40	44.1		
Endosulfan sulfate	1		10.86	10.83	10.89	38.4		1.5
	2		11.82	11.79	11.85	38.9		
Endrin ketone	1		11.26	11.23	11.29	37.2		10.5
	2		12.55	12.52	12.58	33.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65501/10-A

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 10:05 Date Analyzed (2): 11/28/2012 10:05

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	29.5		0.4
	2		4.98	4.95	5.01	29.4		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	27.6		0.5
	2		5.55	5.52	5.58	27.5		
beta-BHC	1		4.74	4.71	4.77	26.6		7.4
	2		5.73	5.70	5.76	28.6		
delta-BHC	1		4.96	4.93	4.99	32.2		5.4
	2		6.29	6.26	6.32	34.0		
Heptachlor	1		5.25	5.21	5.28	26.9		7.6
	2		6.39	6.36	6.43	25.0		
Aldrin	1		5.71	5.68	5.74	30.3		4.1
	2		7.13	7.10	7.16	29.1		
Heptachlor epoxide	1		6.96	6.93	6.99	31.2		6.2
	2		8.61	8.57	8.63	29.3		
gamma-Chlordane	1		7.28	7.25	7.31	28.9		4.4
	2		9.03	8.99	9.05	27.6		
alpha-Chlordane	1		7.63	7.59	7.65	27.9		2.9
	2		9.34	9.30	9.36	28.7		
Endosulfan I	1		7.90	7.87	7.93	22.3		3.2
	2		9.40	9.37	9.43	21.6		
4,4'-DDE	1		8.00	7.97	8.03	28.3		2.8
	2		9.79	9.76	9.82	29.1		
Dieldrin	1		8.46	8.43	8.49	30.3		0.1
	2		9.93	9.90	9.96	30.3		
Endrin	1		8.91	8.88	8.94	29.3		1.5
	2		10.45	10.42	10.48	28.9		
4,4'-DDD	1		9.26	9.23	9.29	30.4		9.9
	2		10.81	10.78	10.84	27.5		
Endosulfan II	1		9.36	9.32	9.38	24.6		11.4
	2		10.81	10.78	10.84	27.5		
4,4'-DDT	1		9.78	9.75	9.81	36.6		0.4
	2		11.29	11.26	11.32	36.7		
Endrin aldehyde	1		10.14	10.11	10.17	33.6		5.5
	2		11.38	11.35	11.41	31.8		
Methoxychlor	1		10.72	10.69	10.75	34.7		2.1
	2		12.37	12.34	12.40	34.0		
Endosulfan sulfate	1		10.86	10.83	10.89	34.3		0.2
	2		11.82	11.79	11.85	34.3		
Endrin ketone	1		11.26	11.23	11.29	31.2		1.0
	2		12.55	12.52	12.58	30.8		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO Lab Sample ID: 240-17422-2

Matrix: Solid Lab File ID: P9112720.D

Analysis Method: 8081/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.66(g) Date Analyzed: 11/28/2012 10:32

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		55-130
877-09-8	Tetrachloro-m-xylene	91		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112720.D
Lims ID: 240-17422-A-2-Q
Client ID: 076SS-0020M-0001-SO
Inject. Date: 28-Nov-2012 10:32:47
Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015316-020
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 20
Lims Batch ID: 66500
Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:26:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	8770368	0.003630			
2	100	4.141	4.140	0.001	25355825	0.003567			
						RPD = 1.75			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100		4.739						
2	100		5.726						
11 delta-BHC									
1	100		4.957						
2	100		6.292						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									M
1	100	7.983	7.995	-0.012	1410724	0.000487			M
2	100	9.780	9.785	-0.005	645622	0.000090			
						RPD = 137.89			
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.861	12.862	-0.001	6219621	0.003017			
2	100	14.323	14.325	-0.002	14464822	0.003057			
						RPD = 1.32			

QC Flag Legend

Review Flags
M - Manually Integrated

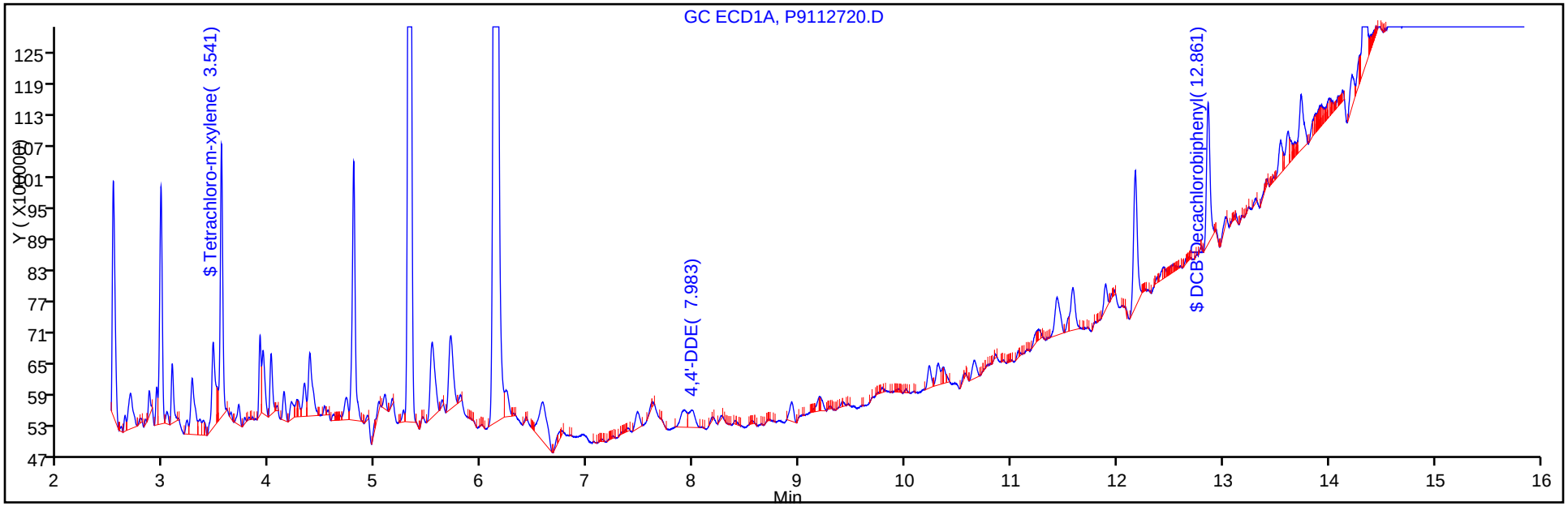
Report Date: 29-Nov-2012 11:21:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

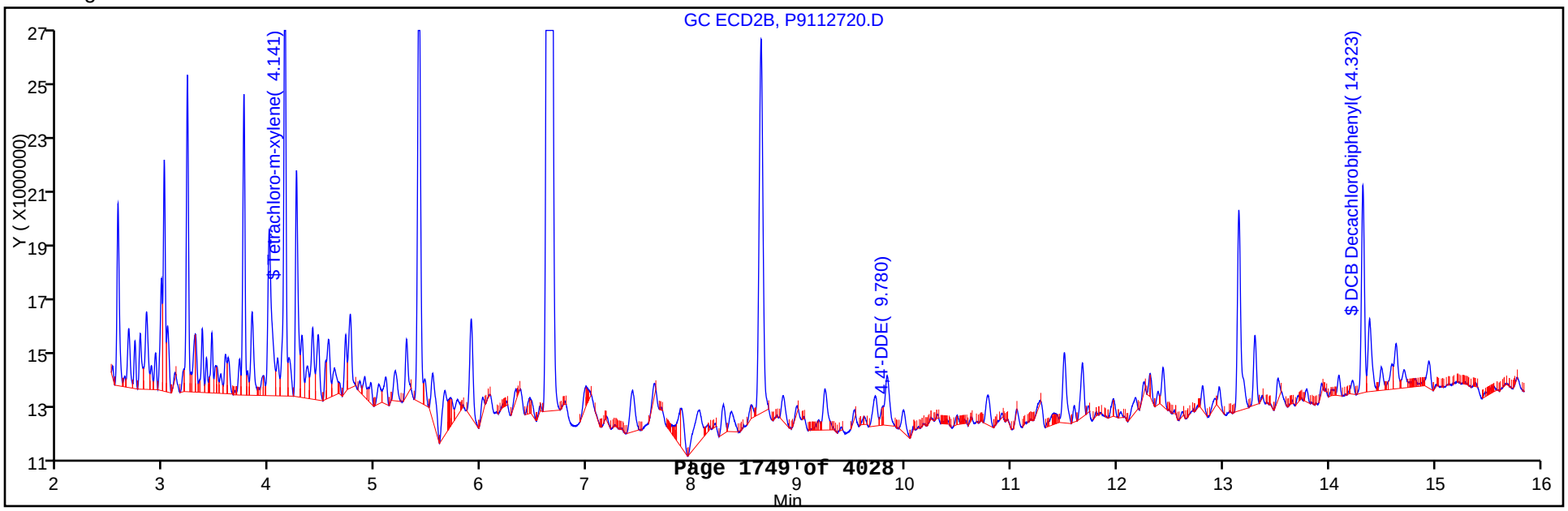
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112720.D

Injection Date:	28-Nov-2012 10:32:47	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

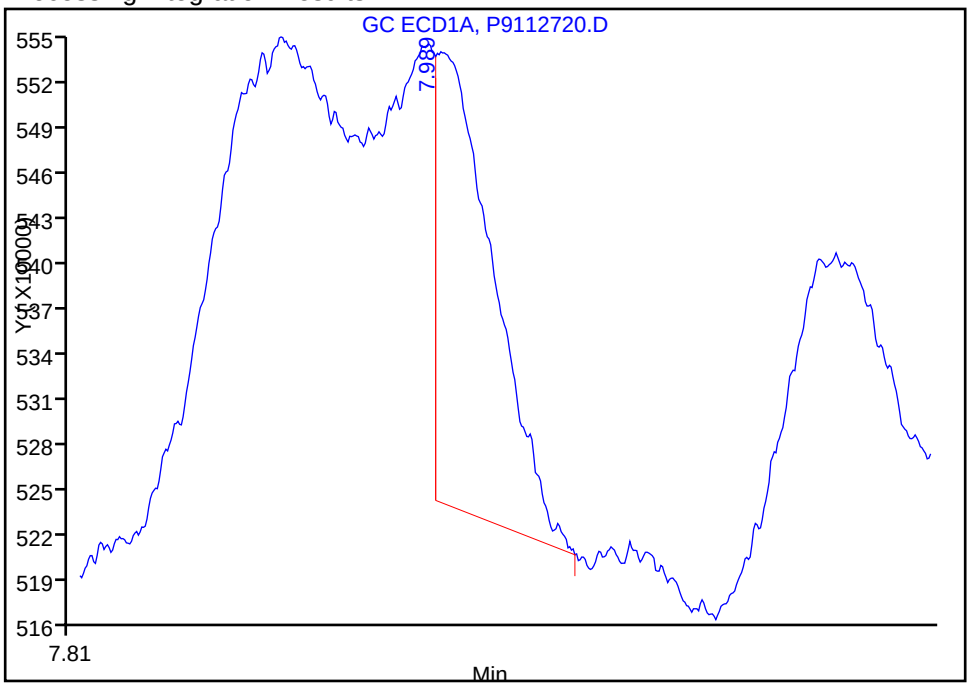
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112720.D		
Injection Date:	28-Nov-2012 10:32:47	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 1, Type: quant, RT: 8.00, Det: GC ECD1A

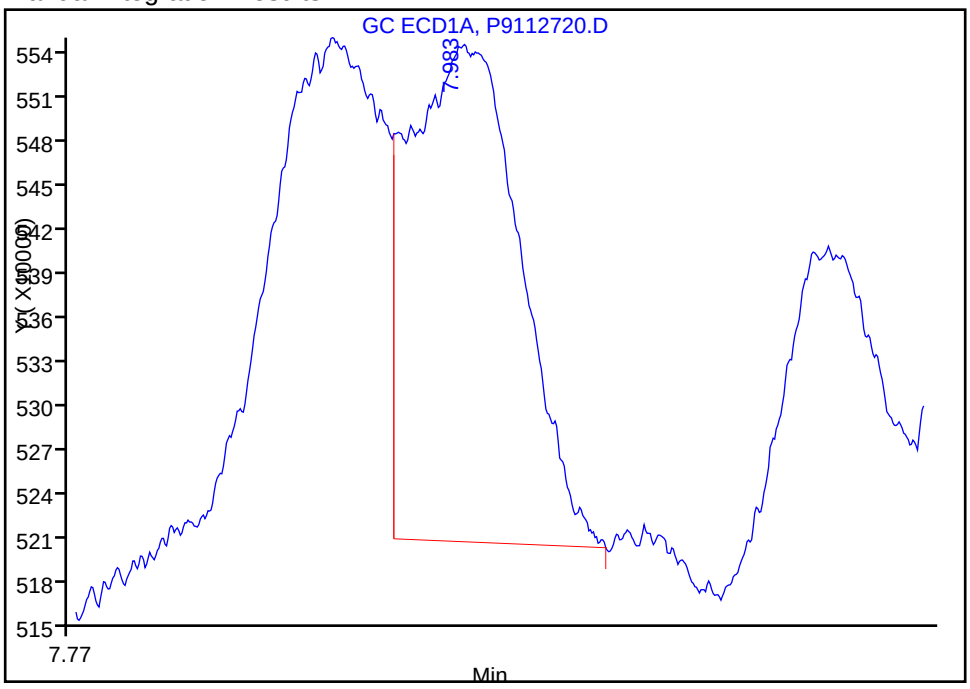
Processing Integration Results

RT: 7.99
Response: 567715
Amount: 0.000196



Manual Integration Results

RT: 7.98
Response: 1410724
Amount: 0.000487



Reviewer: vandorenc, 29-Nov-2012 10:26:05
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO | Lab Sample ID: 240-17422-2

Matrix: Solid | Lab File ID: P9112720.D

Analysis Method: 8081/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.66(g) | Date Analyzed: 11/28/2012 10:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	3.4	U	10	3.4	3.1
72-55-9	4,4'-DDE	3.4	U	8.6	3.4	2.0
50-29-3	4,4'-DDT	3.4	U	10	3.4	3.2
309-00-2	Aldrin	6.7	U	20	6.7	6.1
319-84-6	alpha-BHC	6.7	U	13	6.7	3.7
5103-71-9	alpha-Chlordane	6.7	U	15	6.7	4.8
319-85-7	beta-BHC	6.7	U	18	6.7	5.6
319-86-8	delta-BHC	6.7	U	20	6.7	6.1
60-57-1	Dieldrin	3.4	U	8.6	3.4	2.4
959-98-8	Endosulfan I	3.4	U	8.6	3.4	2.6
33213-65-9	Endosulfan II	6.7	U	13	6.7	4.1
1031-07-8	Endosulfan sulfate	6.7	U	15	6.7	4.4
72-20-8	Endrin	3.4	U	8.6	3.4	2.5
7421-93-4	Endrin aldehyde	6.7	U	15	6.7	5.1
53494-70-5	Endrin ketone	3.4	U	10	3.4	3.2
58-89-9	gamma-BHC (Lindane)	6.7	U	13	6.7	3.7
5103-74-2	gamma-Chlordane	3.4	U	8.6	3.4	2.1
76-44-8	Heptachlor	6.7	U	18	6.7	5.6
1024-57-3	Heptachlor epoxide	6.7	U J	13	6.7	4.0
72-43-5	Methoxychlor	17	U	25	17	7.6
8001-35-2	Toxaphene	100	U	340	100	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		55-130
877-09-8	Tetrachloro-m-xylene	89		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112720.D
Lims ID: 240-17422-A-2-Q
Client ID: 076SS-0020M-0001-SO
Inject. Date: 28-Nov-2012 10:32:47
Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015316-020
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 20
Lims Batch ID: 66500
Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:26:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	8770368	0.003630			
2	100	4.141	4.140	0.001	25355825	0.003567			
						RPD = 1.75			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100		4.739						
2	100		5.726						
11 delta-BHC									
1	100		4.957						
2	100		6.292						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									M
1	100	7.983	7.995	-0.012	1410724	0.000487			M
2	100	9.780	9.785	-0.005	645622	0.000090			
						RPD = 137.89			
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.861	12.862	-0.001	6219621	0.003017			
2	100	14.323	14.325	-0.002	14464822	0.003057			
						RPD = 1.32			

QC Flag Legend

Review Flags
M - Manually Integrated

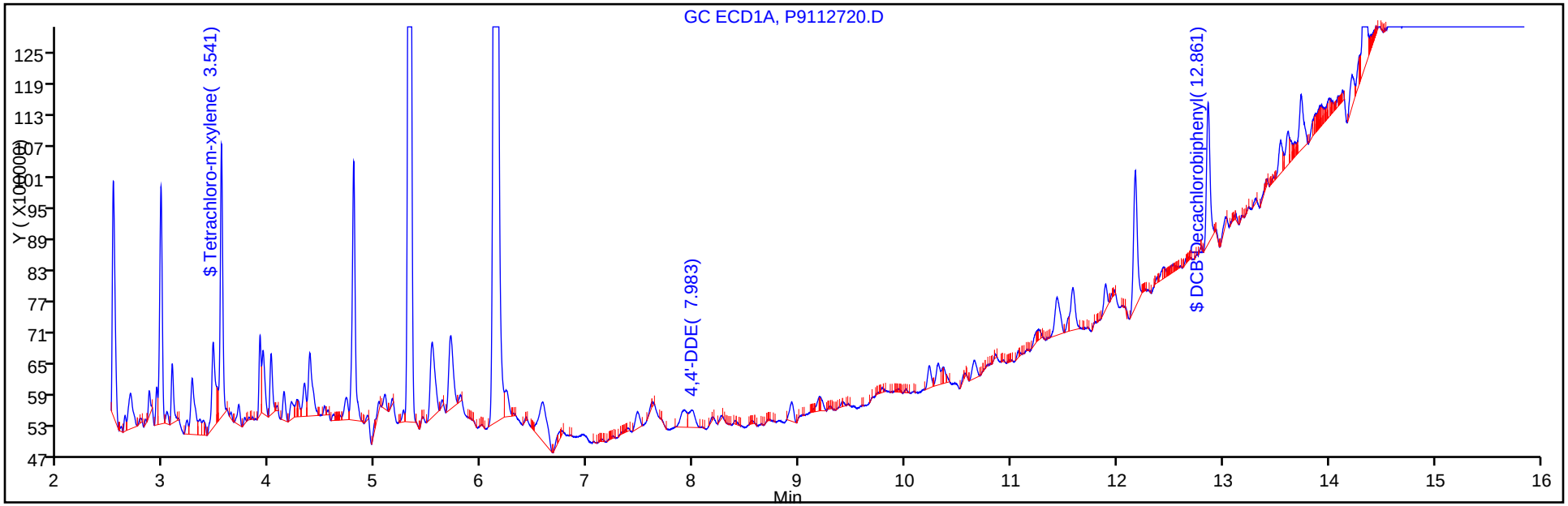
Report Date: 29-Nov-2012 11:21:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

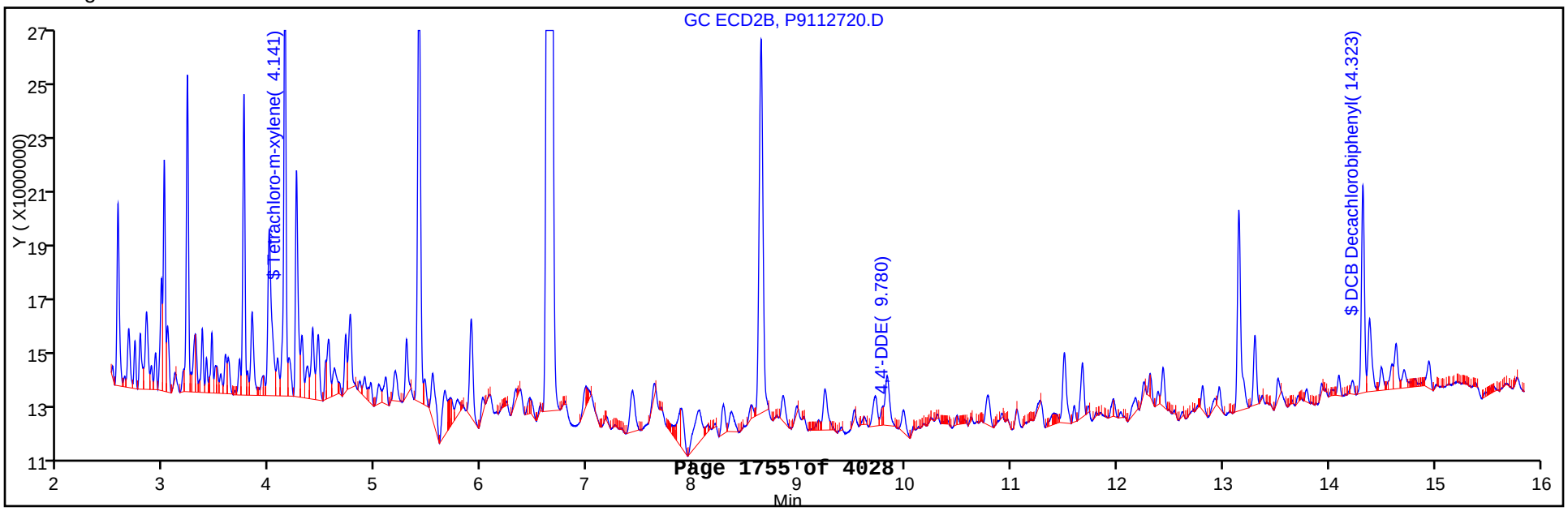
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112720.D

Injection Date:	28-Nov-2012 10:32:47	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO Lab Sample ID: 240-17422-3

Matrix: Solid Lab File ID: P9112723.D

Analysis Method: 8081/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.96(g) Date Analyzed: 11/28/2012 11:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		55-130
877-09-8	Tetrachloro-m-xylene	71		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D
Lims ID: 240-17422-A-3-F Client ID: 076SS-0021M-0001-SO
Inject. Date: 28-Nov-2012 11:56:13 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015316-023
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 66500 Lims Sample ID: 23
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:30:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	34287509	0.0142			
2	100	4.141	4.140	0.001	99985756	0.0141			
						RPD = 0.89			
5 alpha-BHC									1
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									1
1	100		4.605						
2	100		5.547						
7 beta-BHC									M
1	100	4.721	4.739	-0.018	4466055	0.003746			
2	100	5.712	5.726	-0.014	3246424	0.000900			
						RPD = 122.49			
11 delta-BHC									1
1	100		4.957						
2	100		6.292						
22 Heptachlor									
1	100	5.261	5.243	0.018	2381077	0.000977			
2	100	6.359	6.394	-0.035	6367444	0.000892			
						RPD = 9.14			
4 Aldrin									1
1	100		5.705						
2	100		7.130						
23 Heptachlor epoxide									1
1	100		6.961						
2	100		8.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									1
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									1
1	100		7.623						
2	100		9.334						
14 Endosulfan I									M
1	100	7.881	7.896	-0.015	5452780	0.002341			7
2	100	9.394	9.396	-0.002	685614	0.000119			7M
						RPD = 180.65			
LOD = 0.000500									
2 4,4'-DDE									M
1	100	7.990	7.995	-0.005	2479009	0.000856			M
2	100	9.786	9.785	0.001	3708231	0.000515			
						RPD = 49.88			
13 Dieldrin									1
1	100		8.455						
2	100		9.926						
17 Endrin									1
1	100		8.908						
2	100		10.445						
1 4,4'-DDD									1
1	100		9.263						
2	100		10.810						
15 Endosulfan II									1
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									1
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									1
1	100		10.142						
2	100		11.383						
27 Methoxychlor									M
1	100	10.758	10.723	0.035	771764	0.001135			M
2	100	12.391	12.365	0.026	4370661	0.002629			
						RPD = 79.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									M
1	100	10.847	10.860	-0.013	2789878	0.001615			M
2	100	11.808	11.815	-0.007	3967150	0.000920			
						RPD = 54.89			
19 Endrin ketone									1
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.861	12.862	-0.001	33968575	0.0165			
2	100	14.325	14.325	0.000	56661043	0.0120			
						RPD = 31.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

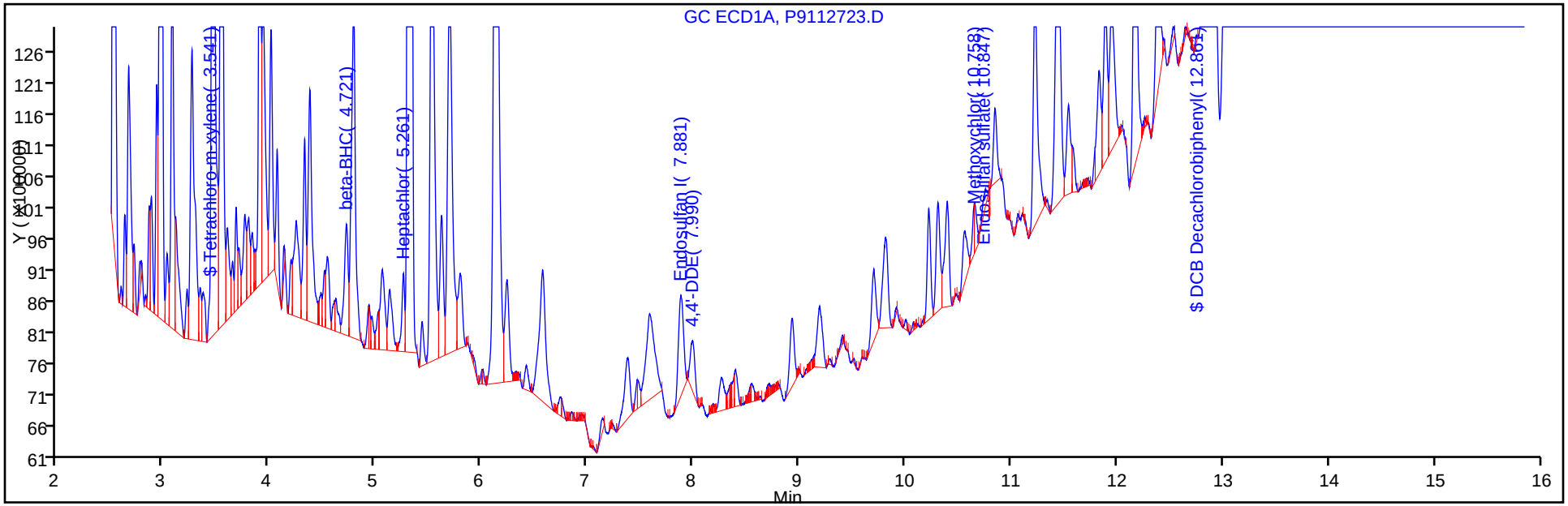
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

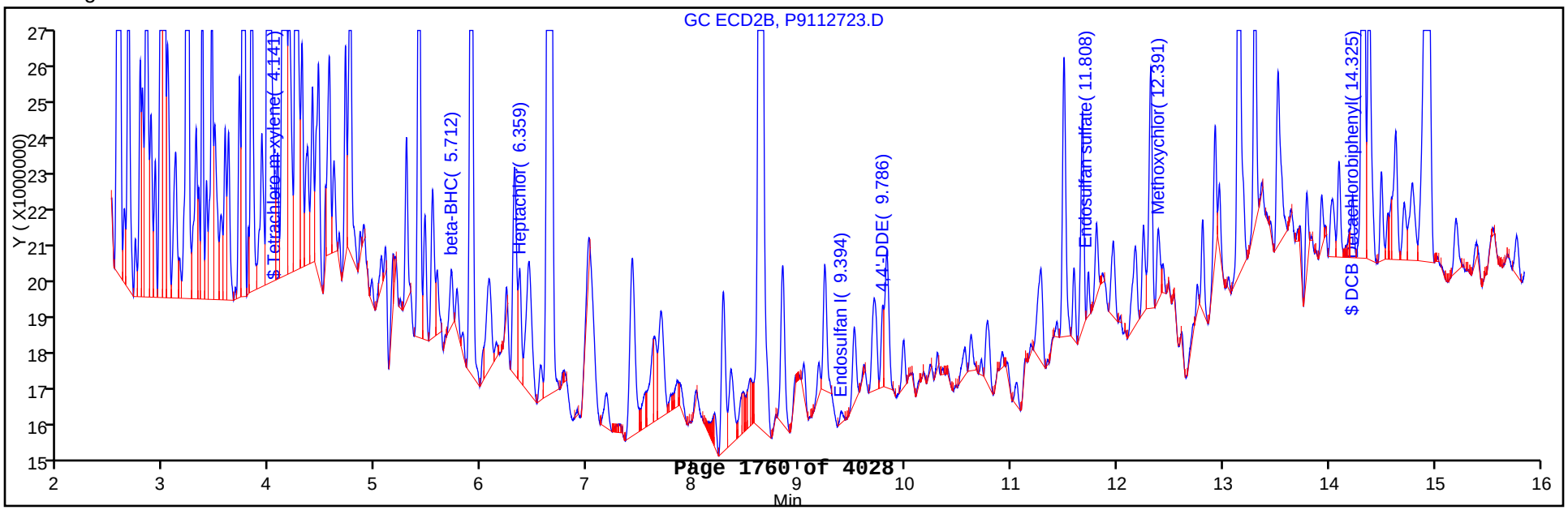
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

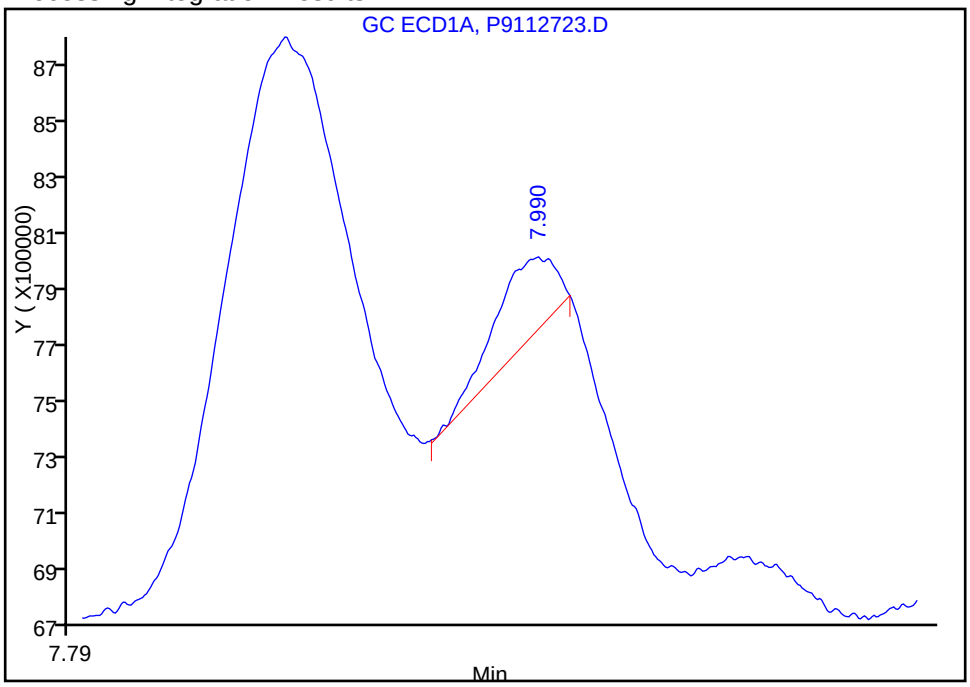
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 1, Type: quant, RT: 8.00, Det: GC ECD1A

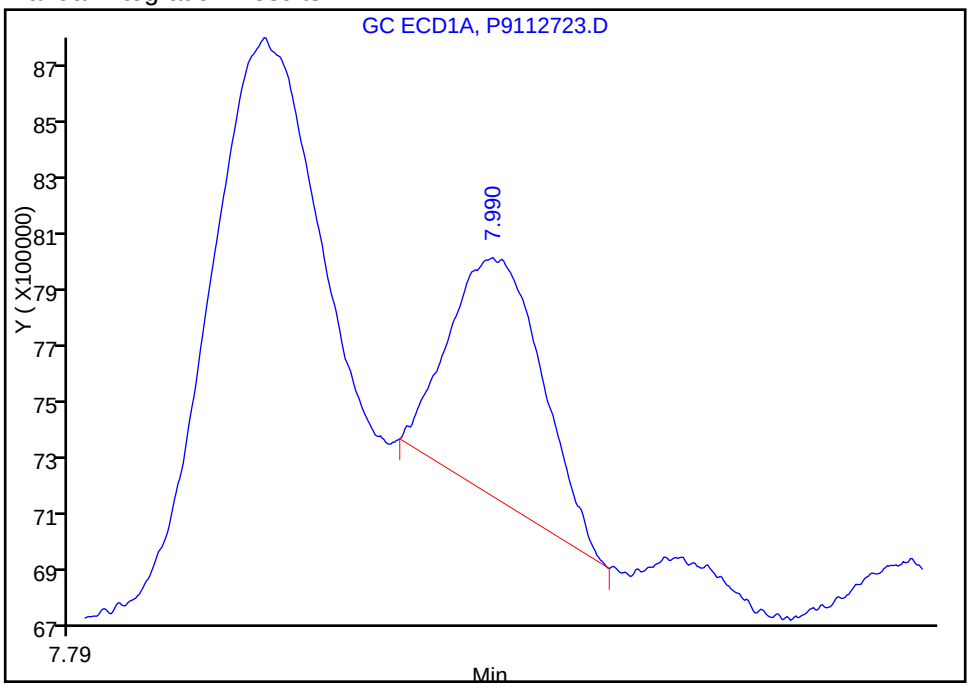
Processing Integration Results

RT: 7.99
Response: 490317
Amount: 0.000169



Manual Integration Results

RT: 7.99
Response: 2479009
Amount: 0.000856



Reviewer: vandorenc, 29-Nov-2012 10:30:33
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

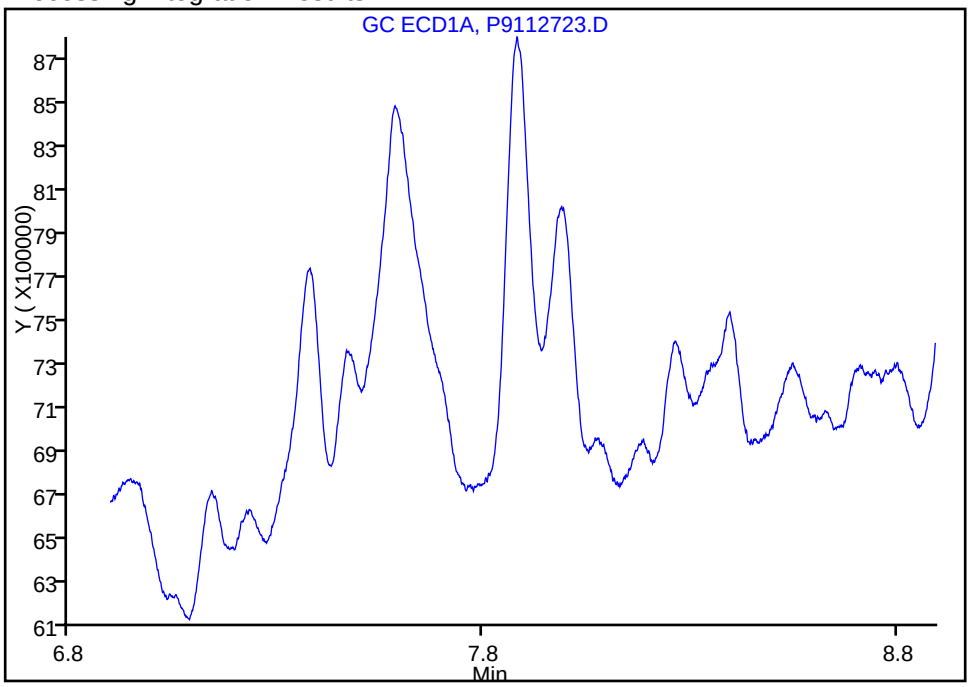
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

14 Endosulfan I, Signal: 1, Type: quant, RT: 7.90, Det: GC ECD1A

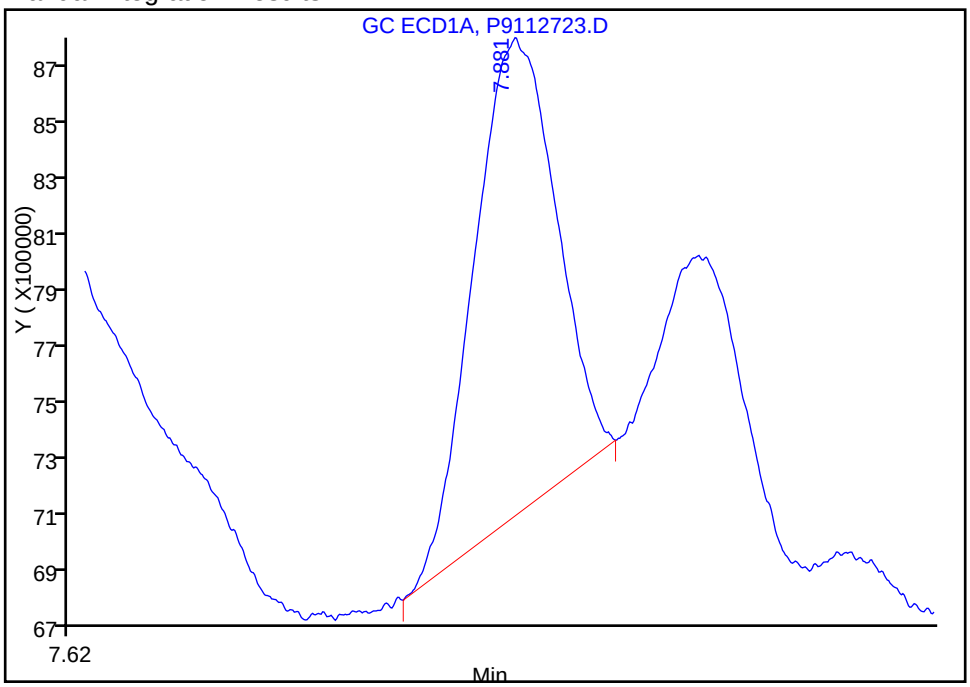
Processing Integration Results

Not Detected
Expected RT: 7.90



Manual Integration Results

RT: 7.88
Response: 5452780
Amount: 0.002341



Reviewer: vandorenc, 29-Nov-2012 10:30:33
Audit Action: Assigned Compound ID
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

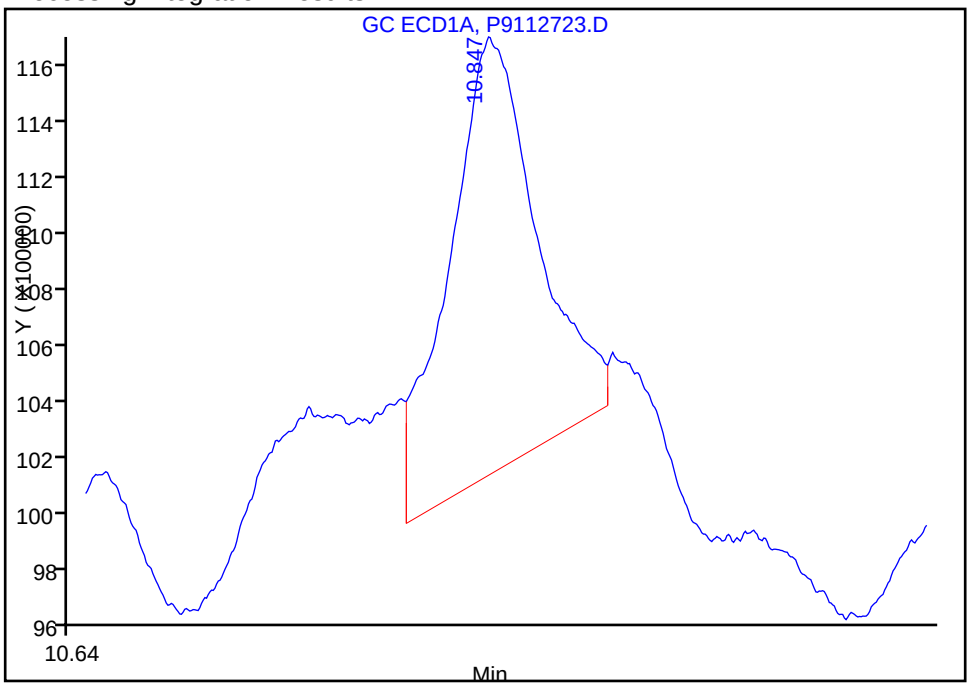
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 Endosulfan sulfate, Signal: 1, Type: quant, RT: 10.86, Det: GC ECD1A

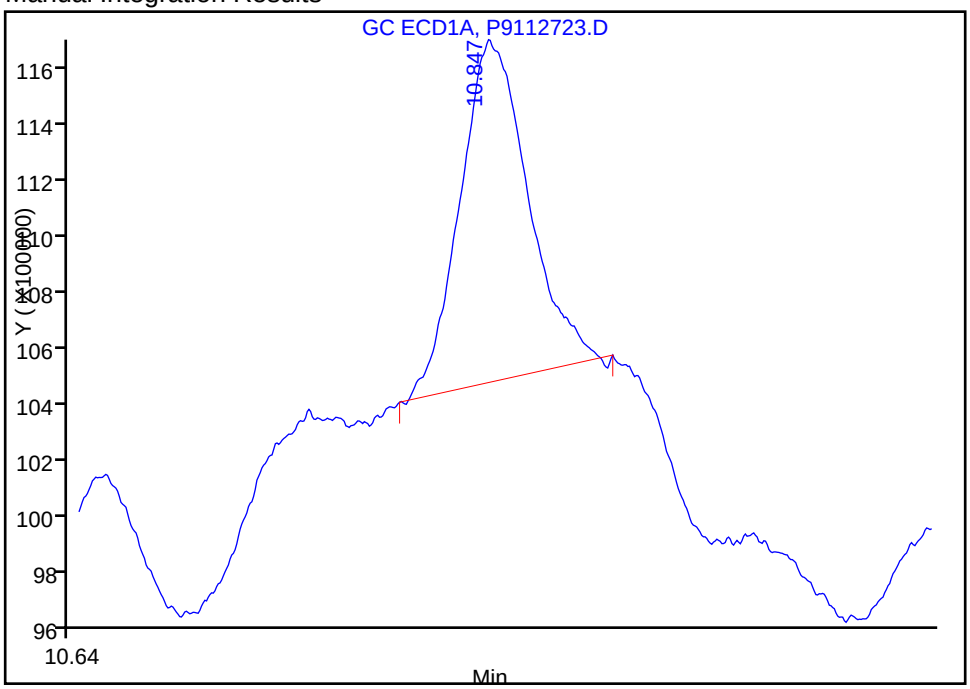
Processing Integration Results

RT: 10.85
Response: 4652762
Amount: 0.002694



Manual Integration Results

RT: 10.85
Response: 2789878
Amount: 0.001615



Reviewer: vandorenc, 29-Nov-2012 10:30:33
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

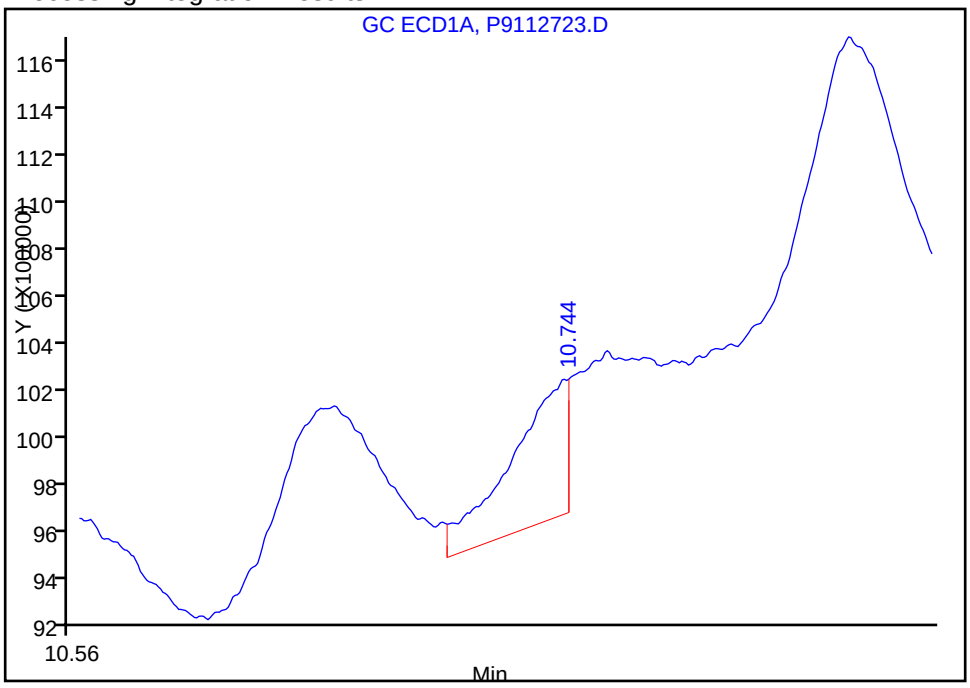
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

27 Methoxychlor, Signal: 1, Type: quant, RT: 10.72, Det: GC ECD1A

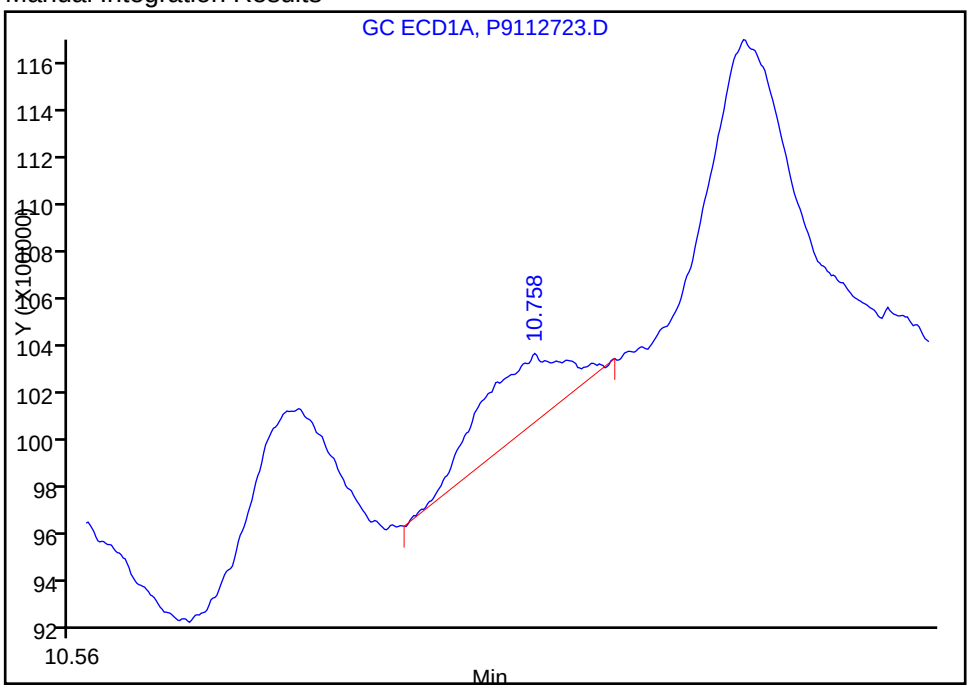
Processing Integration Results

RT: 10.74
Response: 837795
Amount: 0.001233



Manual Integration Results

RT: 10.76
Response: 771764
Amount: 0.001135



Reviewer: vandorenc, 29-Nov-2012 10:30:33
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO | Lab Sample ID: 240-17422-3

Matrix: Solid | Lab File ID: P9112723.D

Analysis Method: 8081/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.96(g) | Date Analyzed: 11/28/2012 11:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U M	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	60		55-130
877-09-8	Tetrachloro-m-xylene	70		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D
Lims ID: 240-17422-A-3-F Client ID: 076SS-0021M-0001-SO
Inject. Date: 28-Nov-2012 11:56:13 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015316-023
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 66500 Lims Sample ID: 23
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:30:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	34287509	0.0142			
2	100	4.141	4.140	0.001	99985756	0.0141			
						RPD = 0.89			
5 alpha-BHC									1
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									1
1	100		4.605						
2	100		5.547						
7 beta-BHC									M
1	100	4.721	4.739	-0.018	4466055	0.003746			
2	100	5.712	5.726	-0.014	3246424	0.000900			
						RPD = 122.49			
11 delta-BHC									1
1	100		4.957						
2	100		6.292						
22 Heptachlor									
1	100	5.261	5.243	0.018	2381077	0.000977			
2	100	6.359	6.394	-0.035	6367444	0.000892			
						RPD = 9.14			
4 Aldrin									1
1	100		5.705						
2	100		7.130						
23 Heptachlor epoxide									1
1	100		6.961						
2	100		8.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									1
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									1
1	100		7.623						
2	100		9.334						
14 Endosulfan I									M
1	100	7.881	7.896	-0.015	5452780	0.002341			7
2	100	9.394	9.396	-0.002	685614	0.000119			7M
						RPD = 180.65			
LOD = 0.000500									
2 4,4'-DDE									M
1	100	7.990	7.995	-0.005	2479009	0.000856			M
2	100	9.786	9.785	0.001	3708231	0.000515			
						RPD = 49.88			
13 Dieldrin									1
1	100		8.455						
2	100		9.926						
17 Endrin									1
1	100		8.908						
2	100		10.445						
1 4,4'-DDD									1
1	100		9.263						
2	100		10.810						
15 Endosulfan II									1
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									1
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									1
1	100		10.142						
2	100		11.383						
27 Methoxychlor									M
1	100	10.758	10.723	0.035	771764	0.001135			M
2	100	12.391	12.365	0.026	4370661	0.002629			
						RPD = 79.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									M
1	100	10.847	10.860	-0.013	2789878	0.001615			M
2	100	11.808	11.815	-0.007	3967150	0.000920			
						RPD = 54.89			
19 Endrin ketone									1
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.861	12.862	-0.001	33968575	0.0165			
2	100	14.325	14.325	0.000	56661043	0.0120			
						RPD = 31.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

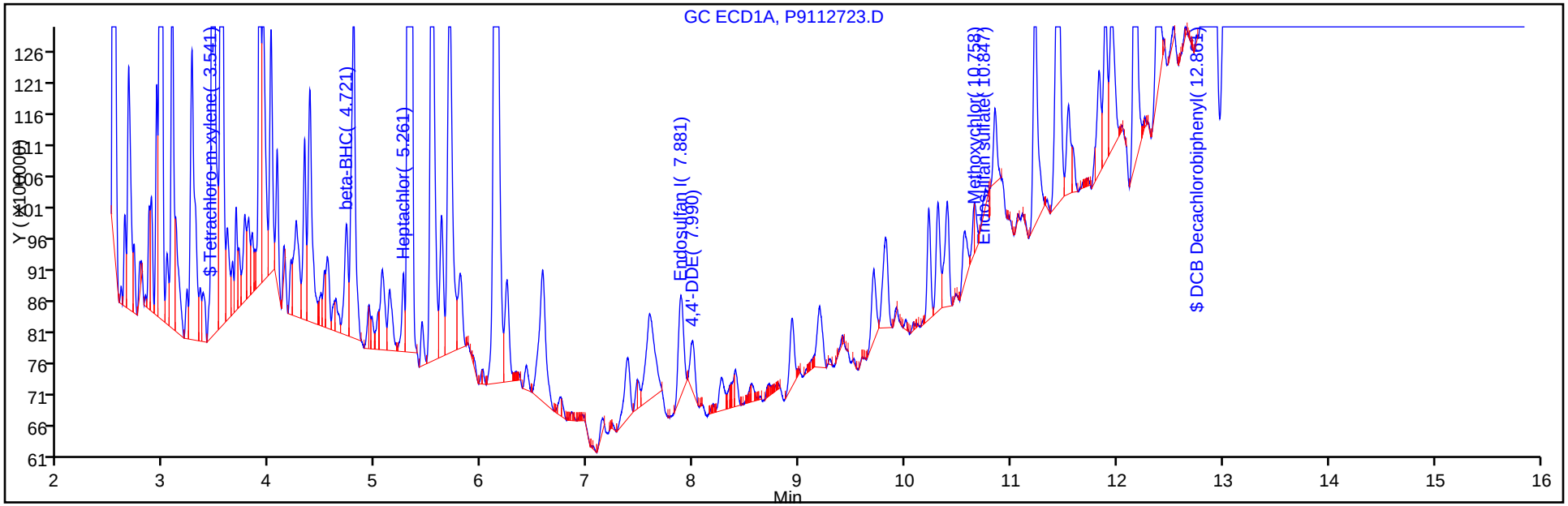
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

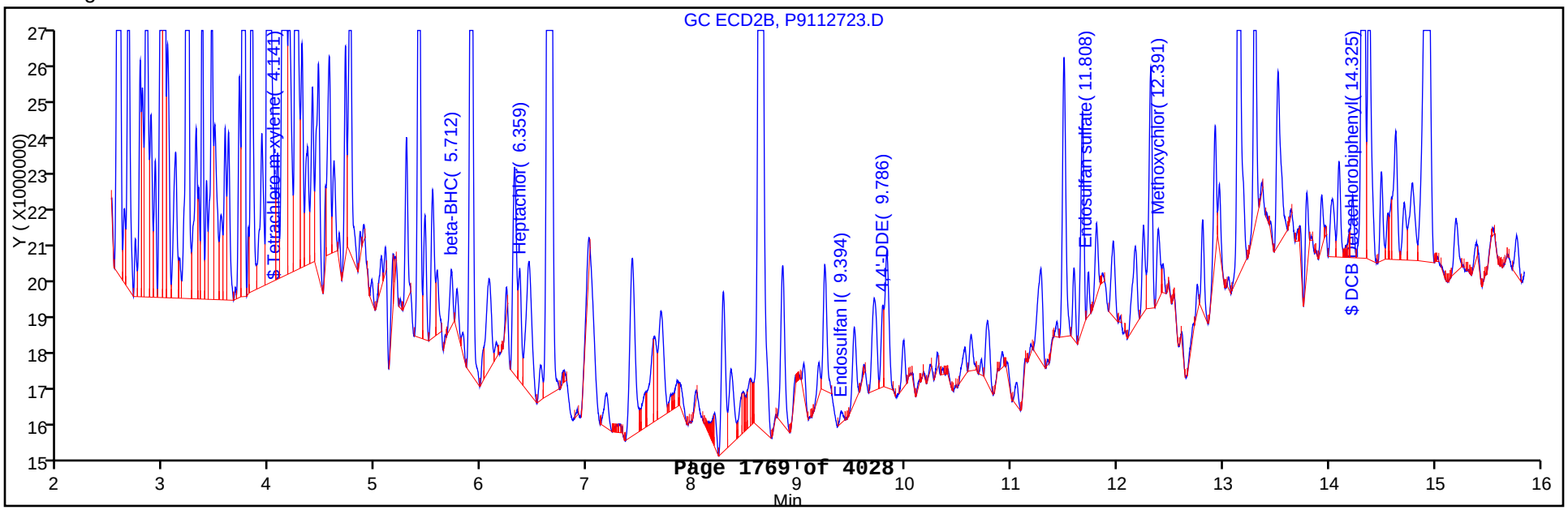
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

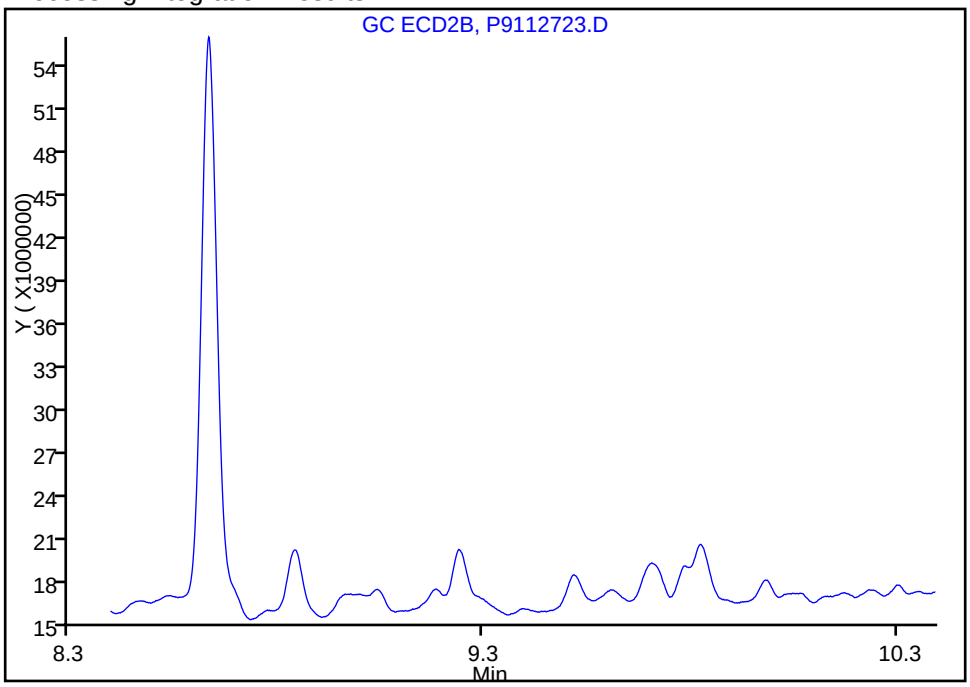
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112723.D		
Injection Date:	28-Nov-2012 11:56:13	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

14 Endosulfan I, Signal: 2, Type: quant, RT: 9.40, Det: GC ecd2b

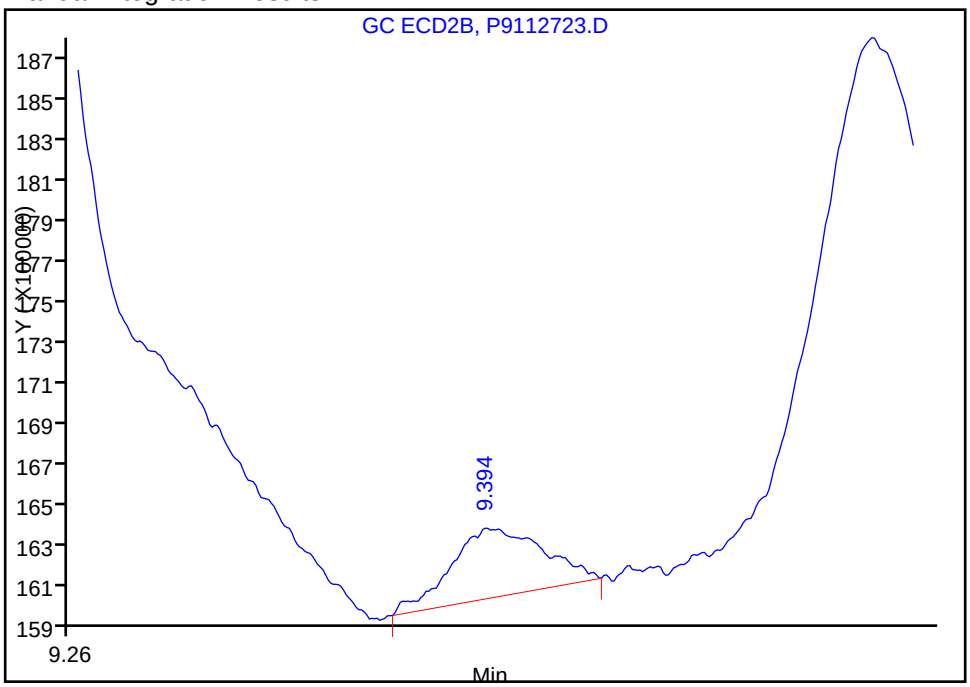
Not Detected
Expected RT: 9.40

Processing Integration Results



Manual Integration Results

RT: 9.39
Response: 685614
Amount: 0.000119



Reviewer: vandorenc, 29-Nov-2012 10:30:33
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO Lab Sample ID: 240-17422-5

Matrix: Solid Lab File ID: P9112724.D

Analysis Method: 8081/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.56(g) Date Analyzed: 11/28/2012 12:24

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		55-130
877-09-8	Tetrachloro-m-xylene	105		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112724.D
Lims ID: 240-17422-A-5-F
Client ID: 073SS-0002M-0001-SO
Inject. Date: 28-Nov-2012 12:24:12
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 240-0015316-024
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 24
Lims Batch ID: 66500
Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:32:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	2536483	0.001050			
2	100	4.140	4.140	0.000	7371264	0.001037			
						RPD = 1.24			
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100	4.728	4.739	-0.011	692425	0.000581			
2	100	5.720	5.726	-0.006	14473061	0.004014			
						RPD = 149.44			
11 delta-BHC									1
1	100		4.957						
2	100		6.292						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									M
1	100	7.995	7.995	0.000	1670281	0.000577			M
2	100	9.801	9.785	0.016	637687	0.000088			M
						RPD = 146.82			
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.862	0.003	2042049	0.000990			
2	100	14.326	14.325	0.001	6045531	0.001278			
						RPD = 25.32			

QC Flag Legend

Processing Flags
1 - Missing Peaks

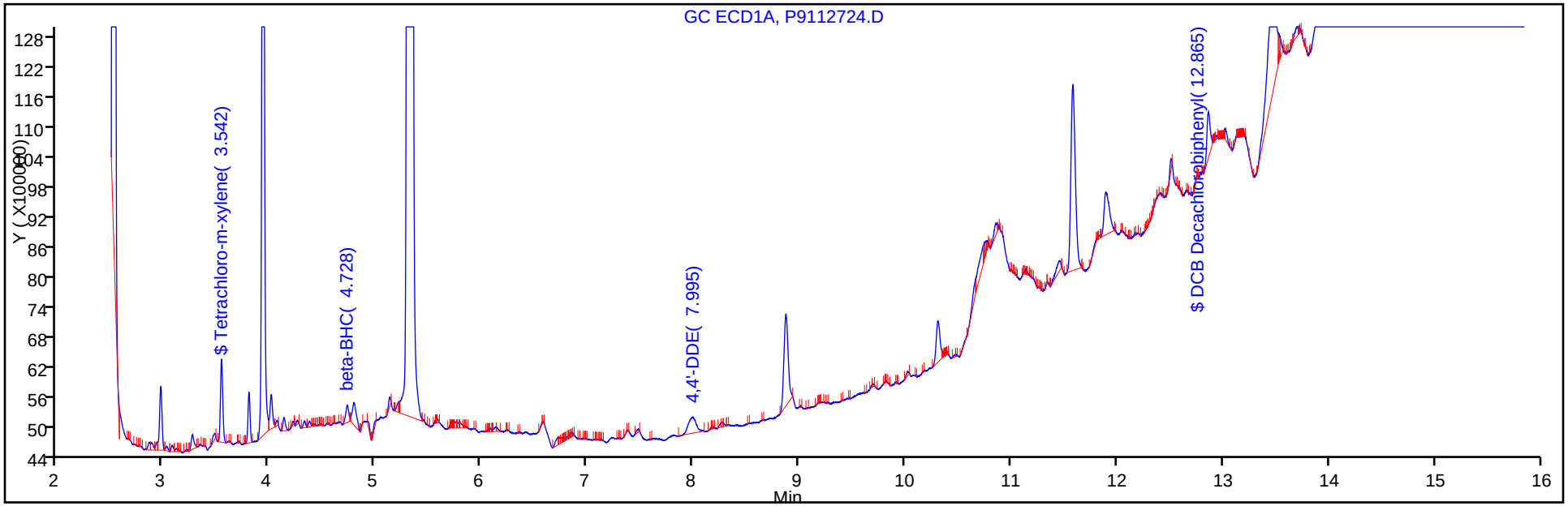
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

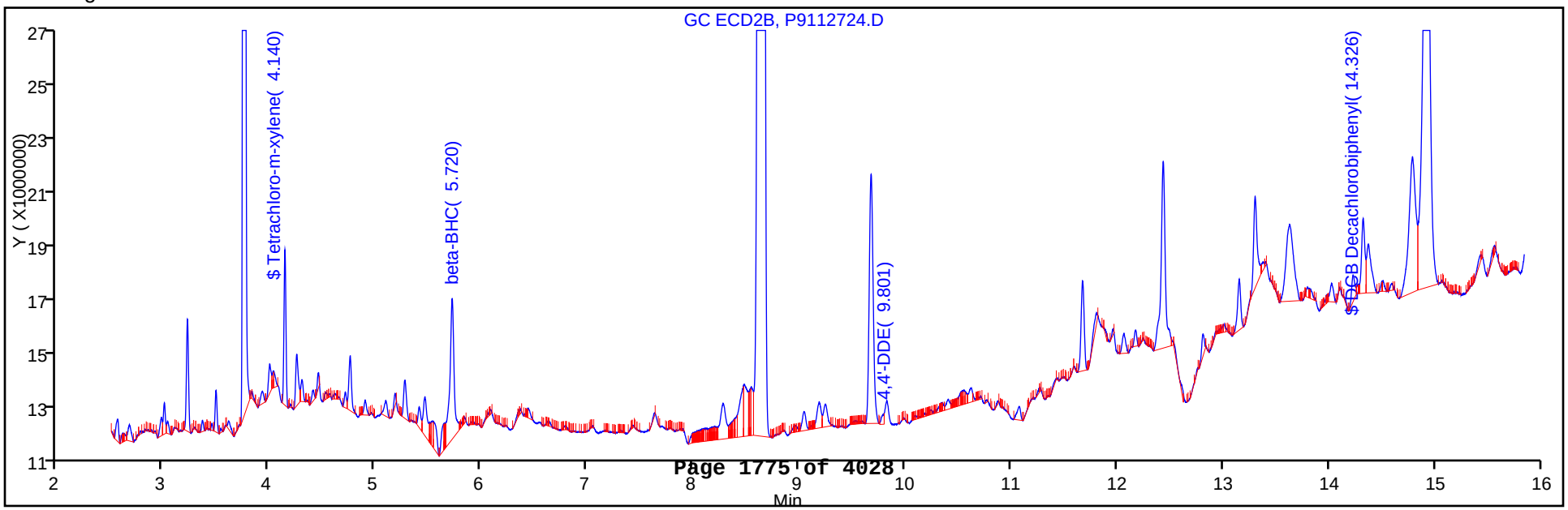
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112724.D		
Injection Date:	28-Nov-2012 12:24:12	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

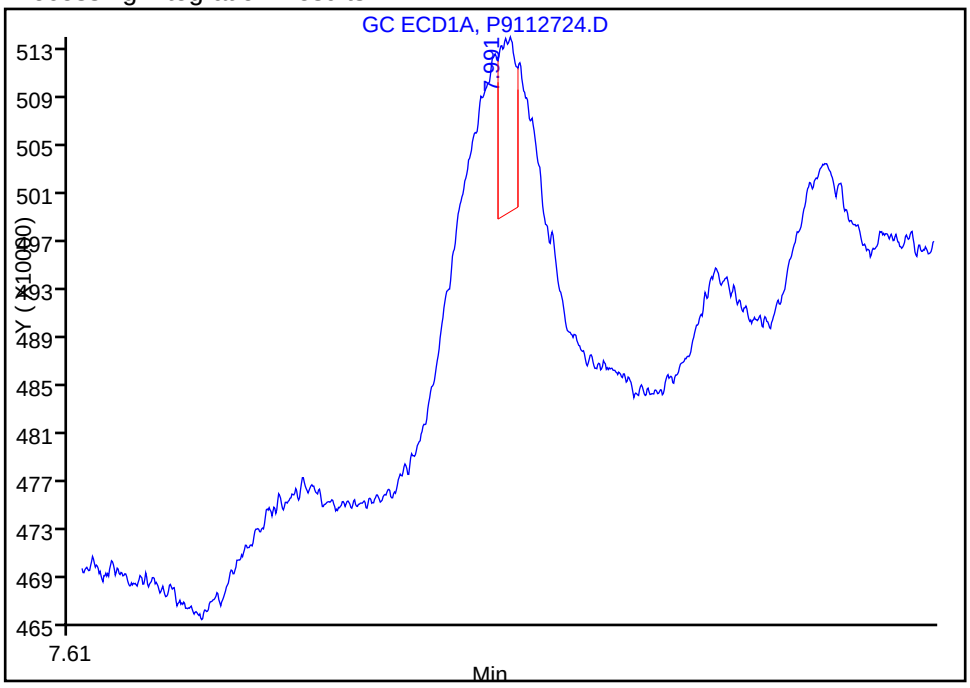
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112724.D		
Injection Date:	28-Nov-2012 12:24:12	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 1, Type: quant, RT: 8.00, Det: GC ECD1A

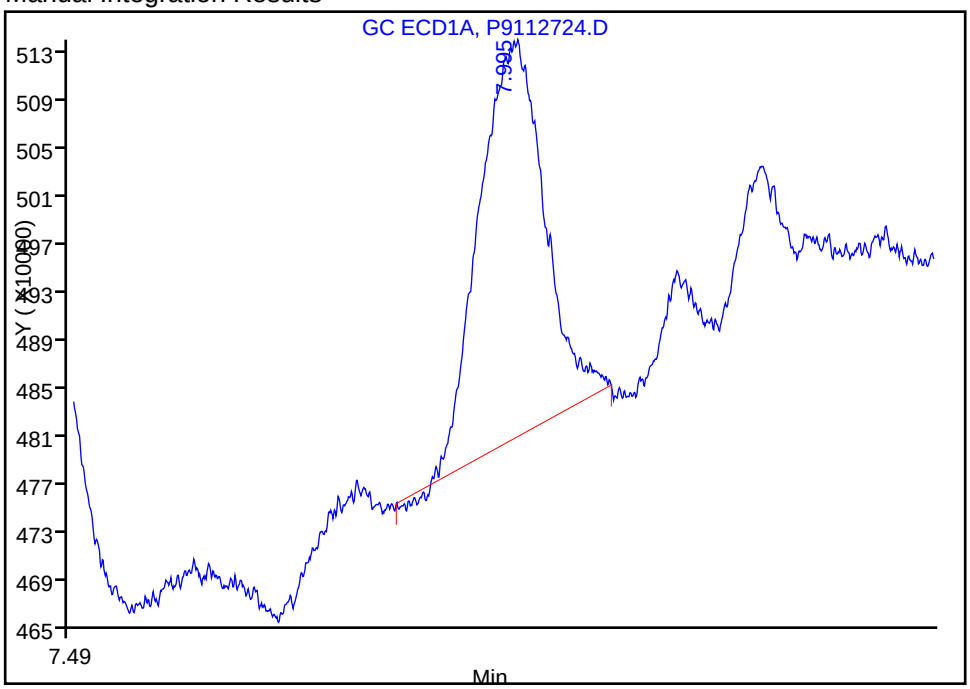
Processing Integration Results

RT: 7.99
Response: 140684
Amount: 0.000049



Manual Integration Results

RT: 8.00
Response: 1670281
Amount: 0.000577



Reviewer: vandorenc, 29-Nov-2012 10:32:03
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO | Lab Sample ID: 240-17422-5

Matrix: Solid | Lab File ID: P9112724.D

Analysis Method: 8081/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.56(g) | Date Analyzed: 11/28/2012 12:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	14	U	41	14	13
72-55-9	4,4'-DDE	14	U M	35	14	7.9
50-29-3	4,4'-DDT	14	U	41	14	13
309-00-2	Aldrin	27	U	81	27	24
319-84-6	alpha-BHC	27	U	51	27	15
5103-71-9	alpha-Chlordane	27	U	61	27	19
319-85-7	beta-BHC	27	U	71	27	22
319-86-8	delta-BHC	27	U	81	27	24
60-57-1	Dieldrin	14	U	35	14	9.5
959-98-8	Endosulfan I	14	U	35	14	11
33213-65-9	Endosulfan II	27	U	51	27	17
1031-07-8	Endosulfan sulfate	27	U	61	27	18
72-20-8	Endrin	14	U	35	14	10
7421-93-4	Endrin aldehyde	27	U	61	27	20
53494-70-5	Endrin ketone	14	U	41	14	13
58-89-9	gamma-BHC (Lindane)	27	U	51	27	15
5103-74-2	gamma-Chlordane	14	U	35	14	8.5
76-44-8	Heptachlor	27	U	71	27	22
1024-57-3	Heptachlor epoxide	27	U	51	27	16
72-43-5	Methoxychlor	67	U	100	67	30
8001-35-2	Toxaphene	410	U	1400	410	390

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		55-130
877-09-8	Tetrachloro-m-xylene	104		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112724.D
Lims ID: 240-17422-A-5-F
Client ID: 073SS-0002M-0001-SO
Inject. Date: 28-Nov-2012 12:24:12
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 240-0015316-024
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 24
Lims Batch ID: 66500
Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:32:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	2536483	0.001050			
2	100	4.140	4.140	0.000	7371264	0.001037			
						RPD = 1.24			
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100	4.728	4.739	-0.011	692425	0.000581			
2	100	5.720	5.726	-0.006	14473061	0.004014			
						RPD = 149.44			
11 delta-BHC									1
1	100		4.957						
2	100		6.292						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									M
1	100	7.995	7.995	0.000	1670281	0.000577			M
2	100	9.801	9.785	0.016	637687	0.000088			M
						RPD = 146.82			
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.862	0.003	2042049	0.000990			
2	100	14.326	14.325	0.001	6045531	0.001278			
						RPD = 25.32			

QC Flag Legend

Processing Flags
1 - Missing Peaks

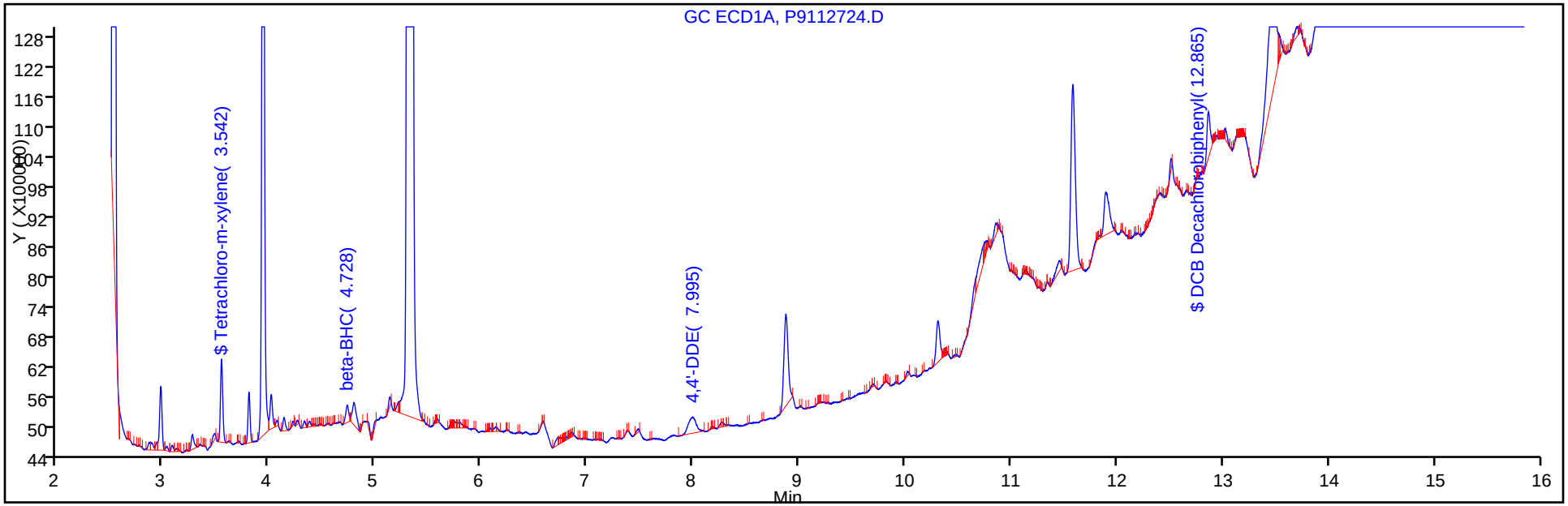
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

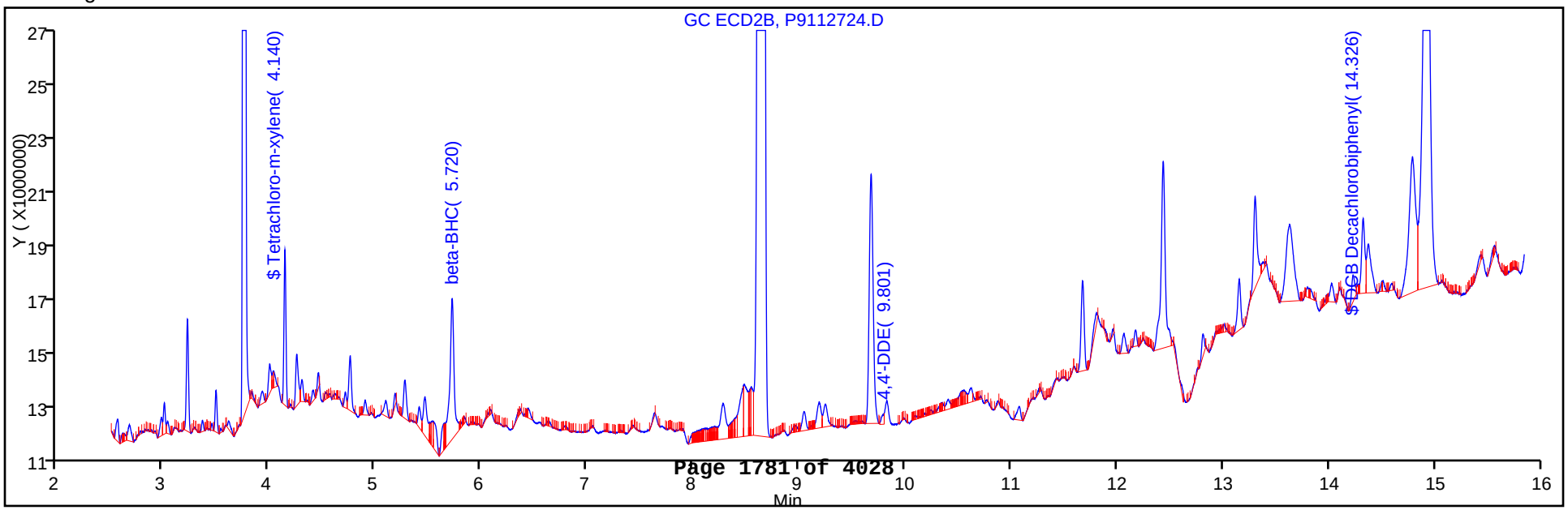
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112724.D		
Injection Date:	28-Nov-2012 12:24:12	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

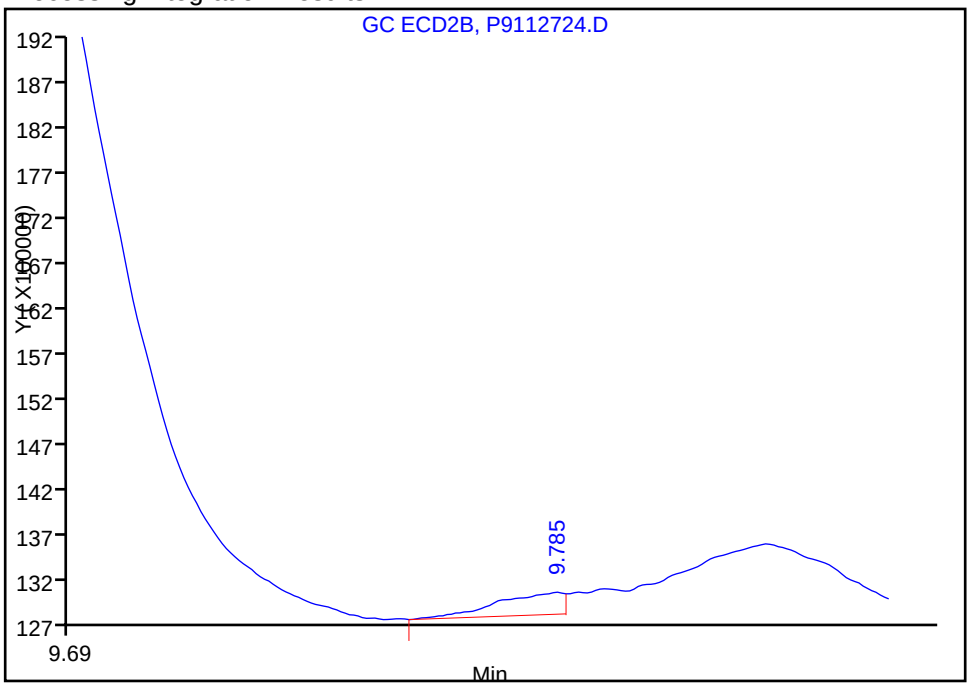
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112724.D		
Injection Date:	28-Nov-2012 12:24:12	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 2, Type: quant, RT: 9.79, Det: GC ecd2b

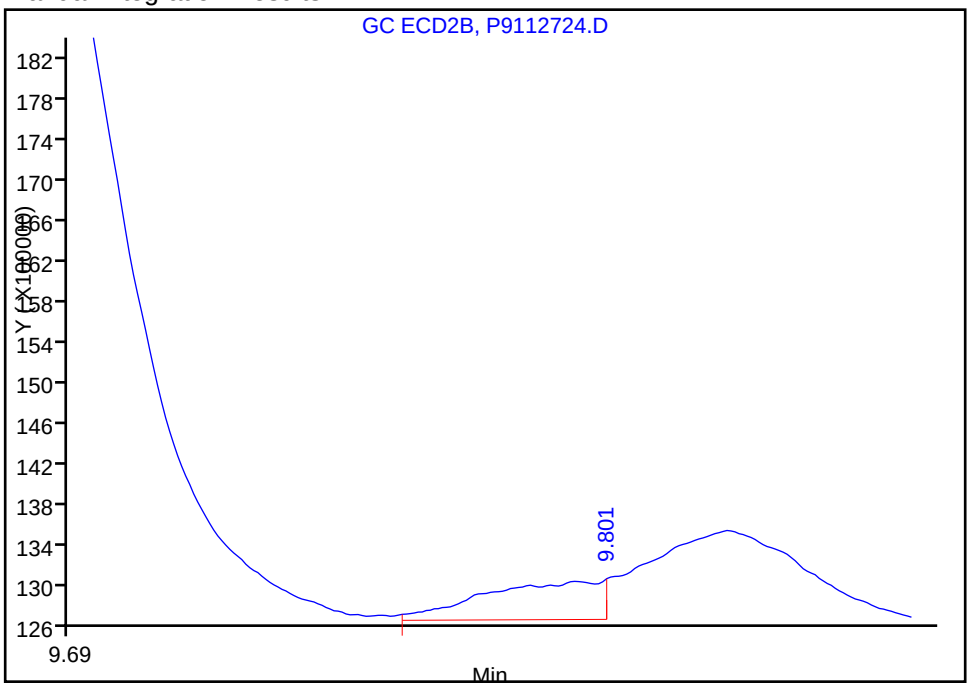
Processing Integration Results

RT: 9.79
Response: 222819
Amount: 0.000031



Manual Integration Results

RT: 9.80
Response: 637687
Amount: 0.000088



Reviewer: vandorenc, 29-Nov-2012 10:32:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO Lab Sample ID: 240-17422-6

Matrix: Solid Lab File ID: P9112725.D

Analysis Method: 8081/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.67(g) Date Analyzed: 11/28/2012 12:48

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		55-130
877-09-8	Tetrachloro-m-xylene	107		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112725.D
Lims ID: 240-17422-A-6-Q
Client ID: 073SS-0003M-0001-SO
Inject. Date: 28-Nov-2012 12:48:46
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 240-0015316-025
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 25
Lims Batch ID: 66500
Lims Sample ID: 25
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:33:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	2587615	0.001071			
2	100	4.141	4.140	0.001	7779122	0.001094			
						RPD = 2.15			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100	4.729	4.739	-0.010	839984	0.000705			
2	100	5.721	5.726	-0.005	75631198	0.0210			
						RPD = 187.00			
11 delta-BHC									
1	100		4.957						
2	100		6.292						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									
1	100		7.995						
2	100		9.785						
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									M
1	100	12.863	12.862	0.001	2404179	0.001166			
2	100	14.324	14.325	-0.001	3329042	0.000704			M
						RPD = 49.48			

QC Flag Legend

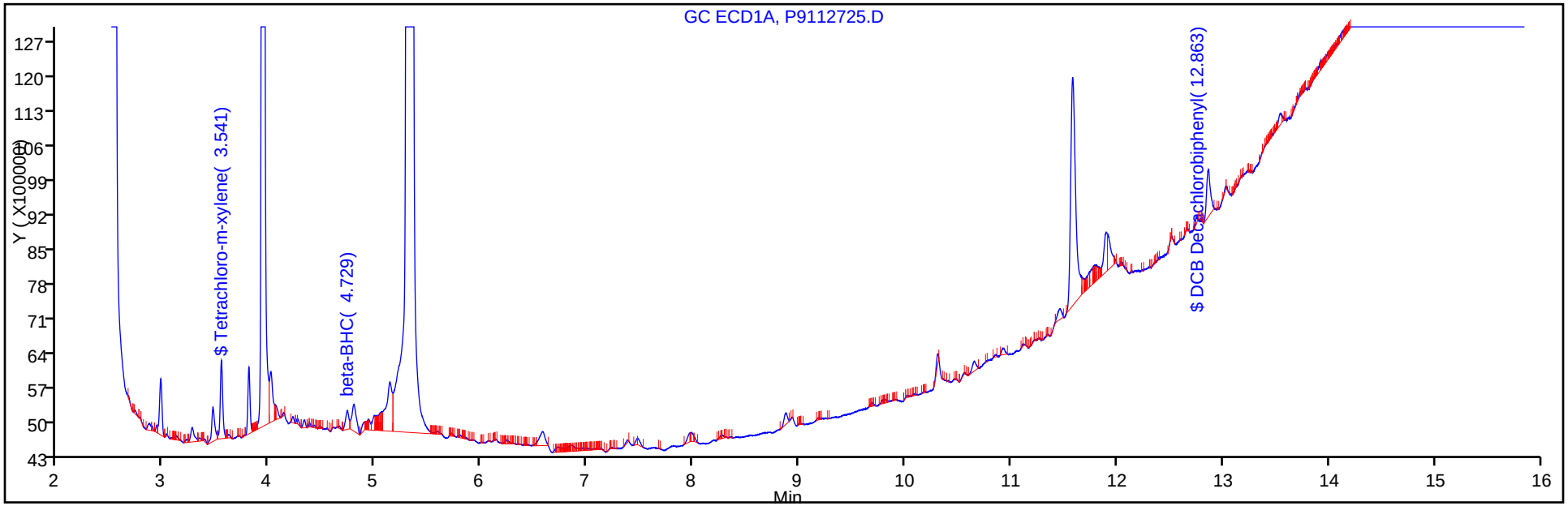
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

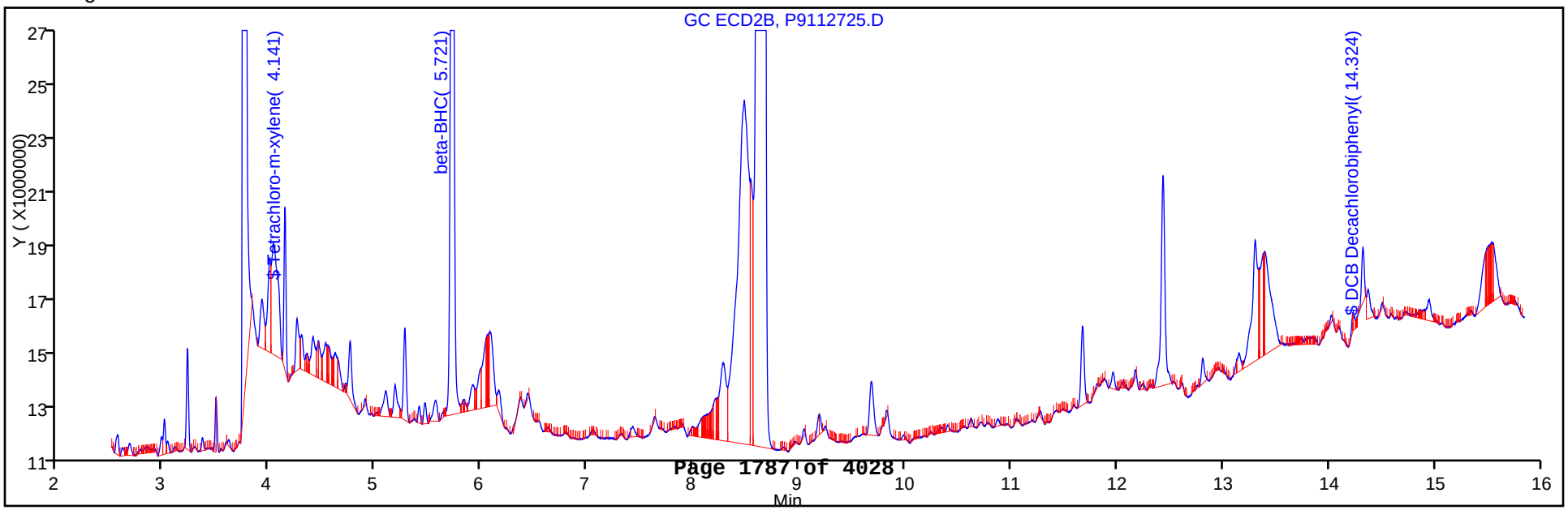
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112725.D		
Injection Date:	28-Nov-2012 12:48:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	25
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO | Lab Sample ID: 240-17422-6

Matrix: Solid | Lab File ID: P9112725.D

Analysis Method: 8081/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.67(g) | Date Analyzed: 11/28/2012 12:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	14	U	40	14	13
72-55-9	4,4'-DDE	14	U	34	14	7.9
50-29-3	4,4'-DDT	14	U	40	14	13
309-00-2	Aldrin	27	U	81	27	24
319-84-6	alpha-BHC	27	U	51	27	15
5103-71-9	alpha-Chlordane	27	U	61	27	19
319-85-7	beta-BHC	140	J D	71	27	22
319-86-8	delta-BHC	27	U	81	27	24
60-57-1	Dieldrin	14	U	34	14	9.5
959-98-8	Endosulfan I	14	U	34	14	11
33213-65-9	Endosulfan II	27	U	51	27	17
1031-07-8	Endosulfan sulfate	27	U	61	27	18
72-20-8	Endrin	14	U	34	14	10
7421-93-4	Endrin aldehyde	27	U	61	27	20
53494-70-5	Endrin ketone	14	U	40	14	13
58-89-9	gamma-BHC (Lindane)	27	U	51	27	15
5103-74-2	gamma-Chlordane	14	U	34	14	8.5
76-44-8	Heptachlor	27	U	71	27	22
1024-57-3	Heptachlor epoxide	27	U J	51	27	16
72-43-5	Methoxychlor	67	U	100	67	30
8001-35-2	Toxaphene	400	U	1400	400	380

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70	M	55-130
877-09-8	Tetrachloro-m-xylene	109		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112725.D
Lims ID: 240-17422-A-6-Q
Client ID: 073SS-0003M-0001-SO
Inject. Date: 28-Nov-2012 12:48:46
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 240-0015316-025
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 25
Lims Batch ID: 66500
Lims Sample ID: 25
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:33:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	2587615	0.001071			
2	100	4.141	4.140	0.001	7779122	0.001094			
						RPD = 2.15			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100	4.729	4.739	-0.010	839984	0.000705			
2	100	5.721	5.726	-0.005	75631198	0.0210			
						RPD = 187.00			
11 delta-BHC									
1	100		4.957						
2	100		6.292						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									
1	100		7.995						
2	100		9.785						
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									M
1	100	12.863	12.862	0.001	2404179	0.001166			
2	100	14.324	14.325	-0.001	3329042	0.000704			M
						RPD = 49.48			

QC Flag Legend

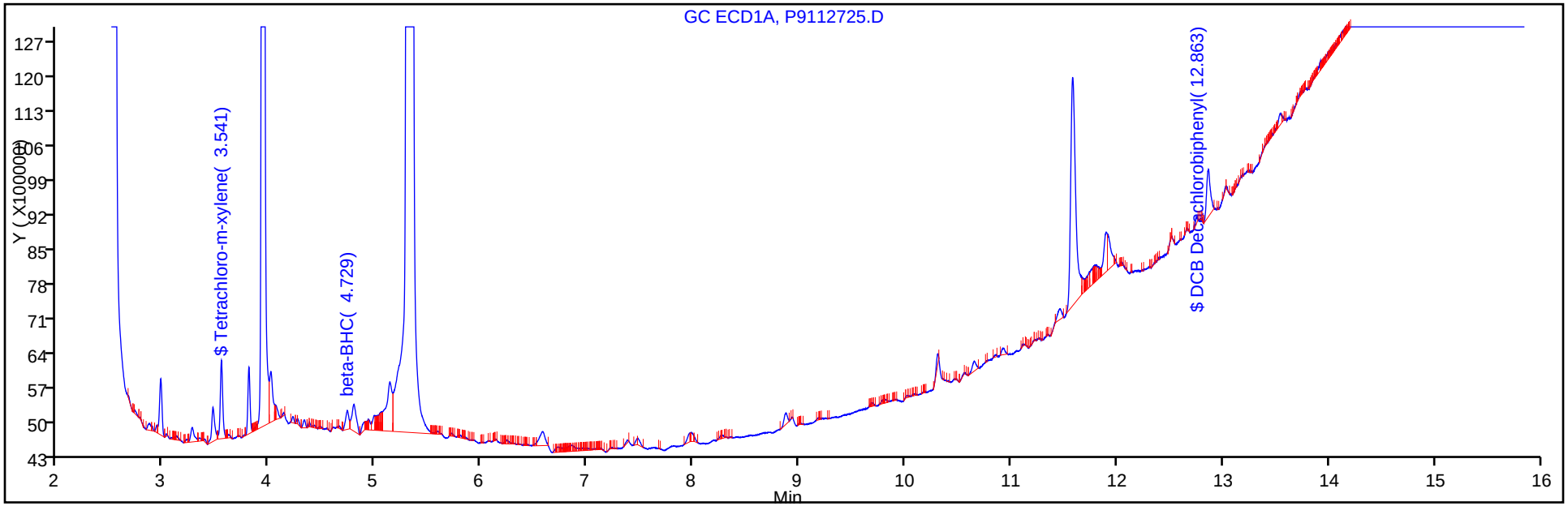
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

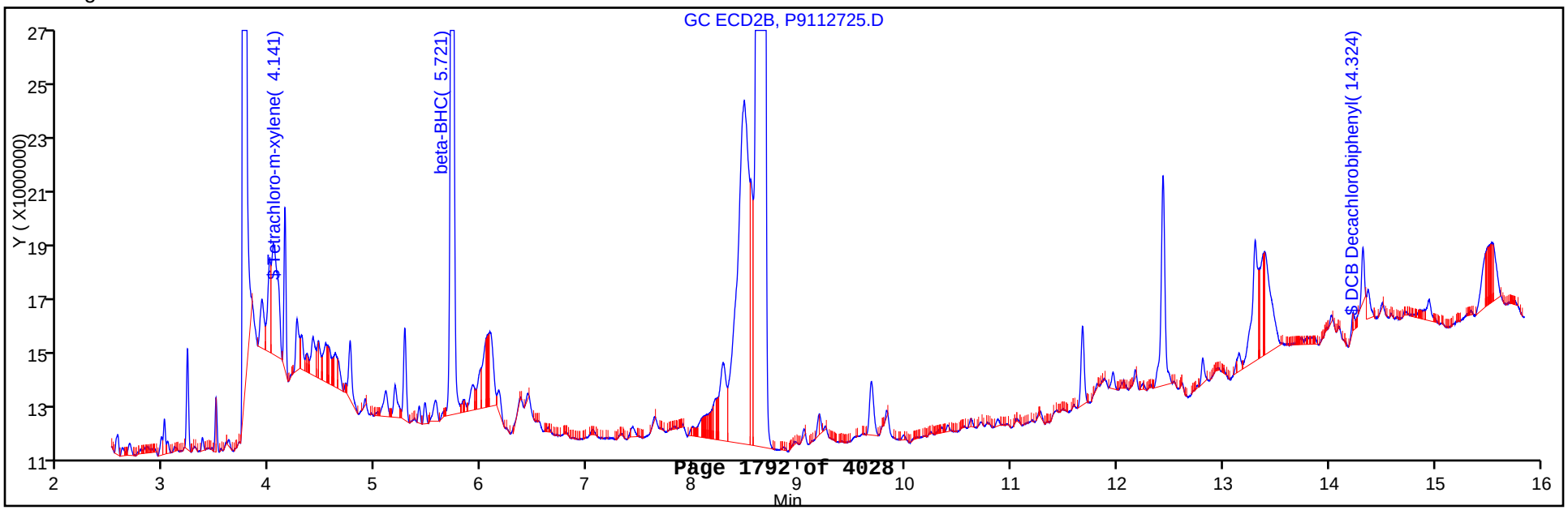
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112725.D		
Injection Date:	28-Nov-2012 12:48:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	25
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

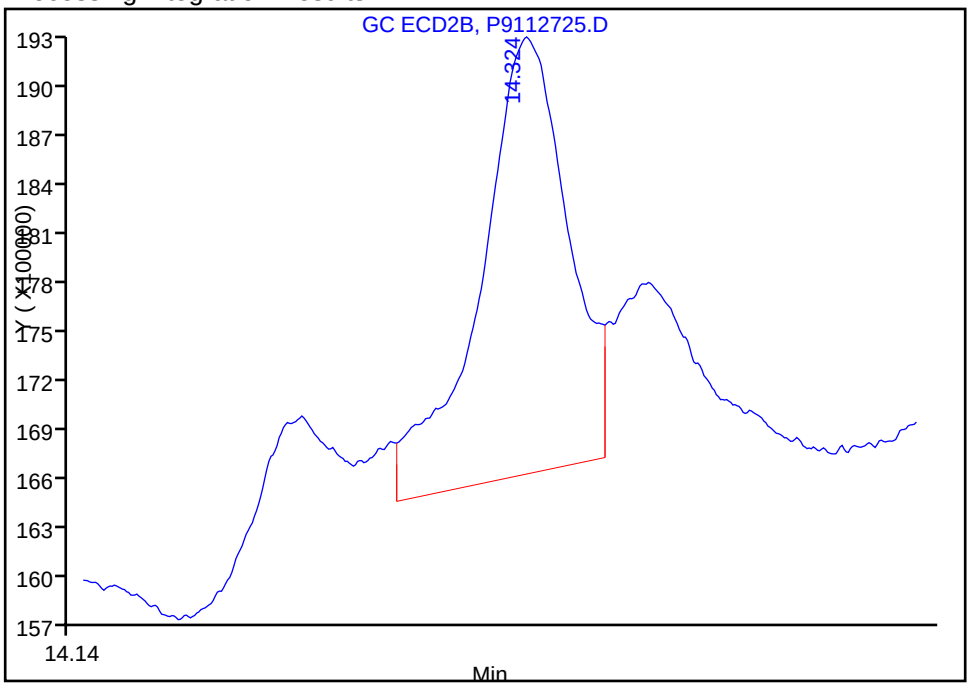
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112725.D		
Injection Date:	28-Nov-2012 12:48:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	25
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 14.32, Det: GC ecd2b

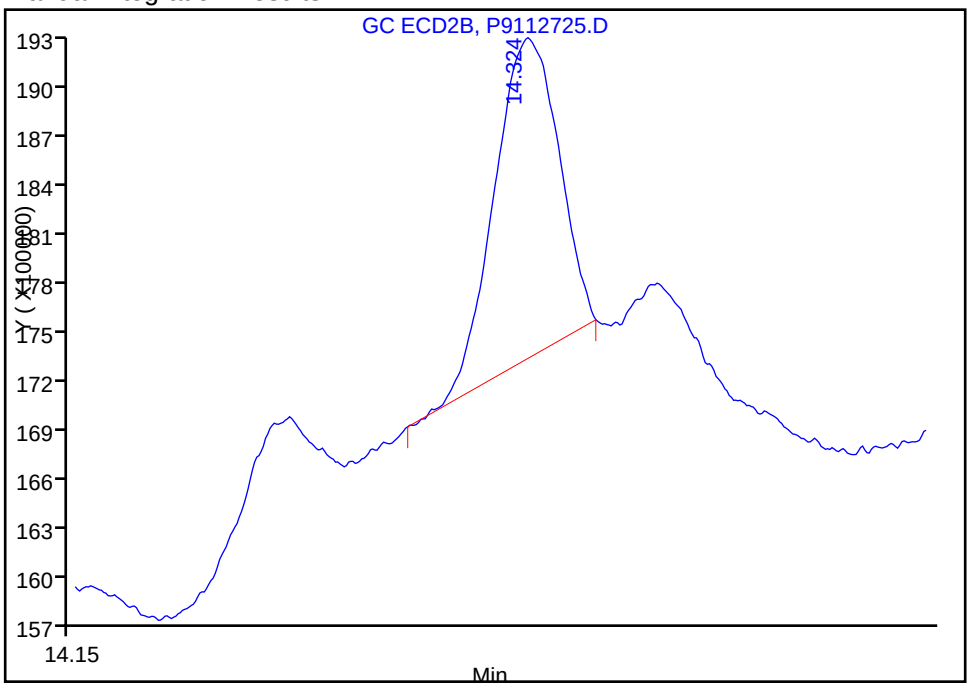
Processing Integration Results

RT: 14.32
Response: 6558989
Amount: 0.001386



Manual Integration Results

RT: 14.32
Response: 3329042
Amount: 0.000704



Reviewer: vandorenc, 29-Nov-2012 10:33:58
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12530

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/5	P9112705.D
Level 2	STD 240-66500/6	P9112706.D
Level 3	STD 240-66500/7	P9112707.D
Level 4	STD 240-66500/8	P9112708.D
Level 5	STD 240-66500/9	P9112709.D
Level 6	STD 240-66500/10	P9112710.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.226	4.224	4.225	4.224	4.218	4.225					4.195 - 4.255	4.224
gamma-BHC (Lindane)	4.606	4.605	4.605	4.604	4.597	4.604					4.575 - 4.635	4.604
beta-BHC	4.739	4.738	4.739	4.737	4.729	4.737					4.709 - 4.769	4.737
delta-BHC	4.958	4.957	4.957	4.955	4.948	4.955					4.927 - 4.987	4.955
Heptachlor	5.245	5.243	5.243	5.241	5.233	5.243					5.208 - 5.278	5.241
Aldrin	5.705	5.704	5.705	5.702	5.693	5.703					5.675 - 5.735	5.702
Heptachlor epoxide	6.962	6.961	6.961	6.957	6.946	6.959					6.931 - 6.991	6.958
gamma-Chlordane	7.277	7.274	7.275	7.270	7.257	7.270					7.245 - 7.305	7.271
alpha-Chlordane	7.625	7.625	7.623	7.619	7.606	7.621					7.593 - 7.653	7.620
Endosulfan I	7.898	7.899	7.896	7.894	7.883	7.895					7.866 - 7.926	7.894
4,4'-DDE	7.997	7.997	7.995	7.991	7.981	7.994					7.965 - 8.025	7.993
Dieldrin	8.456	8.458	8.455	8.452	8.442	8.452					8.425 - 8.485	8.453
Endrin	8.909	8.908	8.908	8.905	8.896	8.905					8.878 - 8.938	8.905
4,4'-DDD	9.264	9.266	9.263	9.259	9.253	9.260					9.233 - 9.293	9.261
Endosulfan II	9.354	9.354	9.353	9.352	9.343	9.352					9.323 - 9.383	9.351
4,4'-DDT	9.781	9.781	9.781	9.779	9.772	9.778					9.751 - 9.811	9.779
Endrin aldehyde	10.142	10.143	10.142	10.139	10.133	10.140					10.112 - 10.172	10.140
Methoxychlor	10.722	10.723	10.723	10.720	10.713	10.721					10.693 - 10.753	10.720
Endosulfan sulfate	10.862	10.862	10.860	10.859	10.853	10.860					10.830 - 10.890	10.859
Endrin ketone	11.261	11.262	11.260	11.258	11.254	11.259					11.230 - 11.290	11.259
Tetrachloro-m-xylene	3.542	3.542	3.542	3.540	3.535	3.541					3.512 - 3.572	3.540
DCB Decachlorobiphenyl	12.862	12.863	12.862	12.860	12.857	12.860					12.832 - 12.892	12.861

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12530

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/5	P9112705.D
Level 2	STD 240-66500/6	P9112706.D
Level 3	STD 240-66500/7	P9112707.D
Level 4	STD 240-66500/8	P9112708.D
Level 5	STD 240-66500/9	P9112709.D
Level 6	STD 240-66500/10	P9112710.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3072220800 3212940100	2719427900 3229881950	3412602720	3364929820	Ave		3168667215				7.9		20.0			
gamma-BHC (Lindane)	2641938200 2681054360	2301550400 2739367525	2962696680	2850830720	Ave		2696239648				8.4		20.0			
beta-BHC	1257401200 1142258930	1078473500 1160220790	1298659760	1215690380	Ave		1192117427				6.8		20.0			
delta-BHC	2387515400 2706049400	2117194500 2806590090	2828055160	2714859740	Ave		2593377382				11.0		20.0			
Heptachlor	2442415800 2375001620	2176665200 2361760795	2712120040	2553614980	Ave		2436929739				7.5		20.0			
Aldrin	3093402800 2946648320	2646259900 2903385890	3163233320	3049391520	Ave		2967053625				6.2		20.0			
Heptachlor epoxide	2567844000 2404021050	2231148000 2335065520	2704225640	2549536580	Ave		2465306798				7.0		20.0			
gamma-Chlordane	2643121600 2627853550	2333339600 2664229970	2863156040	2722167000	Ave		2642311293				6.6		20.0			
alpha-Chlordane	2790048000 2657673510	2423464800 2701470735	2939086360	2768776140	Ave		2713419924				6.3		20.0			
Endosulfan I	2413748200 2253517730	2131998900 2208633430	2588237680	2377952920	Ave		2329014810				7.1		20.0			
4,4'-DDE	3001152000 2879445290	2641545900 2868532060	3104477720	2872137700	Ave		2894548445				5.4		20.0			
Dieldrin	2453545400 2387691230	2181183300 2372876085	2658307720	2522409020	Ave		2429335459				6.6		20.0			
Endrin	2308823200 2193296060	2025983500 2109659200	2491992000	2270108680	Ave		2233310440				7.3		20.0			
4,4'-DDD	1771743200 1790410640	1581212000 1822341980	1981026320	1804697000	Ave		1791905190				7.1		20.0			
Endosulfan II	2168075000 2054054990	1959925700 2046053955	2389888360	2106677020	Ave		2120779171				7.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12530

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	1232040800 1465240840	1142102700 1610623455	1587218120	1483771480	Ave		1420166233				13.0		20.0			
Endrin aldehyde	1625267000 1532746040	1408187400 1527263480	1747653040	1605270240	Ave		1574397867				7.2		20.0			
Methoxychlor	653869400 663685960	601077200 687448875	770294760	701956600	Ave		679722133				8.3		20.0			
Endosulfan sulfate	1755246600 1678367710	1537196500 1721832225	1909657920	1760611460	Ave		1727152069				7.0		20.0			
Endrin ketone	1940995400 1812366440	1708912500 1860451370	2091163160	1943029720	Ave		1892819765				6.9		20.0			
Tetrachloro-m-xylene	2682951400 2330432890	2271317100 2266516475	2537401360	2406166000	Ave		2415797538				6.8		20.0			
DCB Decachlorobiphenyl	2146663000 2004498990	1877941400 2028925165	2188394680	2124339680	Ave		2061793819				5.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12530

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/5	P9112705.D
Level 2	STD 240-66500/6	P9112706.D
Level 3	STD 240-66500/7	P9112707.D
Level 4	STD 240-66500/8	P9112708.D
Level 5	STD 240-66500/9	P9112709.D
Level 6	STD 240-66500/10	P9112710.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	15361104 645976390	27194279	85315068	168246491	321294010	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	13209691 547873505	23015504	74067417	142541536	268105436	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	6287006 232044158	10784735	32466494	60784519	114225893	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	11937577 561318018	21171945	70701379	135742987	270604940	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	12212079 472352159	21766652	67803001	127680749	237500162	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	15467014 580677178	26462599	79080833	152469576	294664832	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	12839220 467013104	22311480	67605641	127476829	240402105	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	13215608 532845994	23333396	71578901	136108350	262785355	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	13950240 540294147	24234648	73477159	138438807	265767351	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	12068741 441726686	21319989	64705942	118897646	225351773	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	15005760 573706412	26415459	77611943	143606885	287944529	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	12267727 474575217	21811833	66457693	126120451	238769123	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	11544116 421931840	20259835	62299800	113505434	219329606	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	8858716 364468396	15812120	49525658	90234850	179041064	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	10840375 409210791	19599257	59747209	105333851	205405499	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	6160204 322124691	11421027	39680453	74188574	146524084	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12530

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Endrin aldehyde	Ave	8126335 305452696	14081874	43691326	80263512	153274604	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	3269347 137489775	6010772	19257369	35097830	66368596	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	8776233 344366445	15371965	47741448	88030573	167836771	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	9704977 372090274	17089125	52279079	97151486	181236644	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	13414757 453303295	22713171	63435034	120308300	233043289	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	10733315 405785033	18779414	54709867	106216984	200449899	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112705.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 28-Nov-2012 03:51:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015316-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 66500 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:04 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	13414757	0.005553			
2	100	4.142	4.140	0.002	38477558	0.005413			
						RPD = 2.55			
5 alpha-BHC									
1	100	4.226	4.225	0.001	15361104	0.004848			
2	100	4.979	4.978	0.001	45880922	0.004616			
						RPD = 4.90			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	13209691	0.004899			
2	100	5.548	5.547	0.001	40744044	0.004913			
						RPD = 0.27			
7 beta-BHC									
1	100	4.739	4.739	0.000	6287006	0.005274			
2	100	5.728	5.726	0.002	20050606	0.005561			
						RPD = 5.30			
11 delta-BHC									
1	100	4.958	4.957	0.001	11937577	0.004603			
2	100	6.293	6.292	0.001	35683273	0.004510			
						RPD = 2.05			
22 Heptachlor									
1	100	5.245	5.243	0.002	12212079	0.005011			
2	100	6.394	6.394	0.000	38150625	0.005343			
						RPD = 6.40			
4 Aldrin									
1	100	5.705	5.705	0.000	15467014	0.005213			
2	100	7.132	7.130	0.002	43134430	0.005251			
						RPD = 0.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.962	6.961	0.001	12839220	0.005208			
2	100	8.606	8.603	0.003	36415112	0.005330			
						RPD = 2.32			
21 gamma-Chlordane									
1	100	7.277	7.275	0.002	13215608	0.005002			
2	100	9.027	9.024	0.003	36214483	0.005197			
						RPD = 3.83			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	13950240	0.005141			
2	100	9.335	9.334	0.001	37508878	0.005330			
						RPD = 3.60			
14 Endosulfan I									
1	100	7.898	7.896	0.002	12068741	0.005182			
2	100	9.396	9.396	0.000	31231668	0.005422			
						RPD = 4.54			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	15005760	0.005184			
2	100	9.787	9.785	0.002	38625674	0.005359			
						RPD = 3.33			
13 Dieldrin									
1	100	8.456	8.455	0.001	12267727	0.005050			
2	100	9.927	9.926	0.001	33112252	0.005241			
						RPD = 3.72			
17 Endrin									
1	100	8.909	8.908	0.001	11544116	0.005169			
2	100	10.447	10.445	0.002	30199271	0.005190			
						RPD = 0.41			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	8858716	0.004944			
2	100	10.812	10.810	0.002	50094640	0.005107			
						RPD = 3.24			
15 Endosulfan II									
1	100	9.354	9.353	0.001	10840375	0.005112			
2	100	10.812	10.810	0.002	50094640	0.005107			
						RPD = 0.09			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	6160204	0.004338			
2	100	11.292	11.292	0.000	14759503	0.004433			
						RPD = 2.17			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	8126335	0.005162			
2	100	11.384	11.383	0.001	20382540	0.005328			
						RPD = 3.17			
27 Methoxychlor									
1	100	10.722	10.723	-0.001	3269347	0.004810			
2	100	12.365	12.365	0.000	7963930	0.004791			
						RPD = 0.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	8776233	0.005081			
2	100	11.814	11.815	-0.001	21599739	0.005007			
						RPD = 1.48			
19 Endrin ketone									
1	100	11.261	11.260	0.001	9704977	0.005127			
2	100	12.552	12.552	0.000	22252726	0.005076			
						RPD = 1.01			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	10733315	0.005206			
2	100	14.325	14.325	0.000	25562349	0.005402			
						RPD = 3.70			

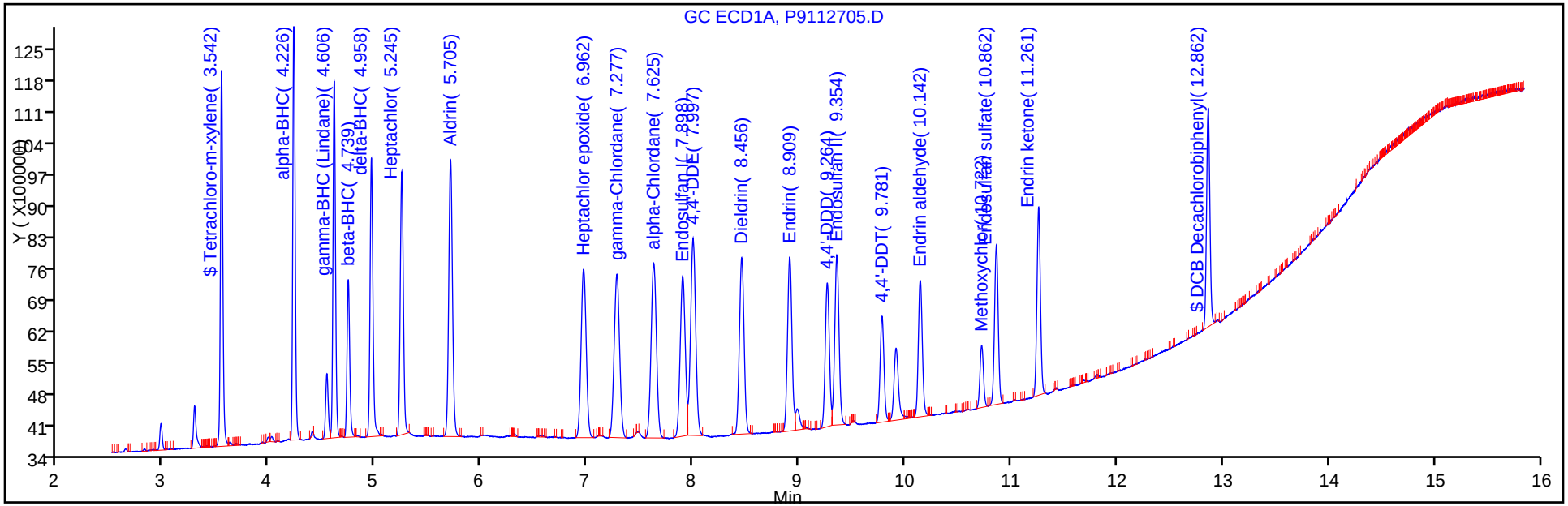
Report Date: 29-Nov-2012 09:55:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

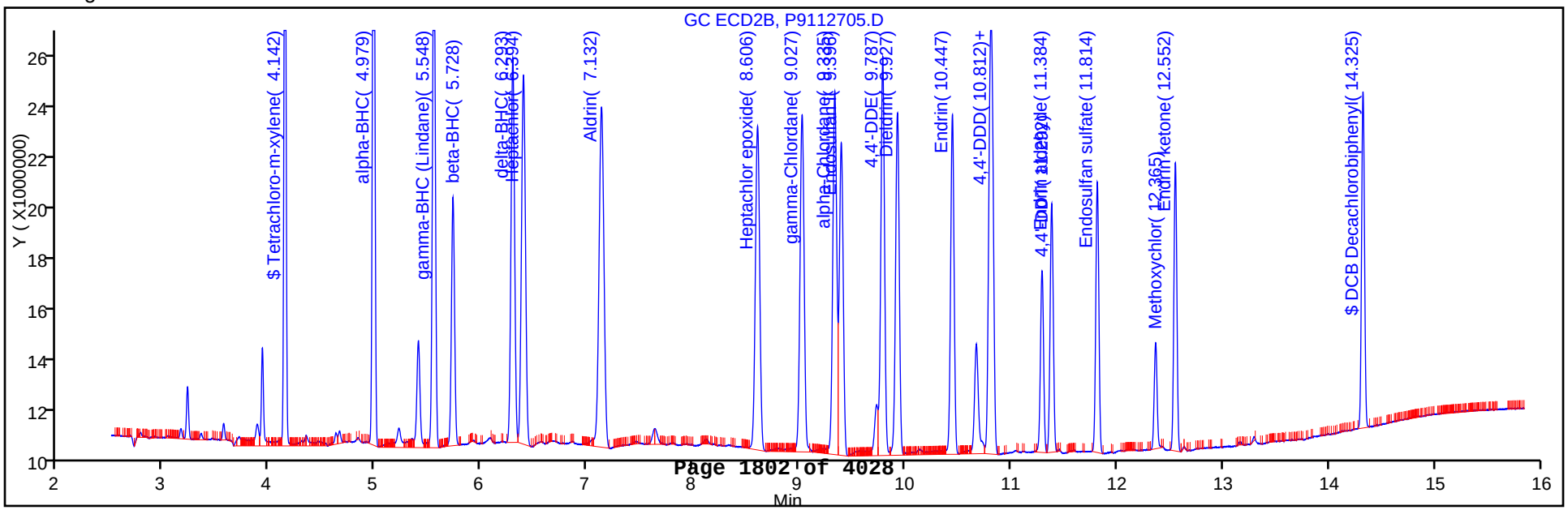
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112705.D

Injection Date:	28-Nov-2012 03:51:54	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112706.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 28-Nov-2012 04:19:44 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015316-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 66500 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:06 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	22713171	0.009402			
2	100	4.141	4.140	0.001	64500423	0.009074			
						RPD = 3.54			
5 alpha-BHC									
1	100	4.224	4.225	-0.001	27194279	0.008582			
2	100	4.978	4.978	0.000	79808037	0.008029			
						RPD = 6.66			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	23015504	0.008536			
2	100	5.547	5.547	0.000	69180692	0.008341			
						RPD = 2.31			
7 beta-BHC									
1	100	4.738	4.739	-0.001	10784735	0.009047			
2	100	5.727	5.726	0.001	33394176	0.009262			
						RPD = 2.35			
11 delta-BHC									
1	100	4.957	4.957	0.000	21171945	0.008164			
2	100	6.292	6.292	0.000	63020479	0.007964			
						RPD = 2.47			
22 Heptachlor									
1	100	5.243	5.243	0.000	21766652	0.008932			
2	100	6.393	6.394	-0.001	64162690	0.008985			
						RPD = 0.60			
4 Aldrin									
1	100	5.704	5.705	-0.001	26462599	0.008919			
2	100	7.131	7.130	0.001	73080461	0.008896			
						RPD = 0.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	22311480	0.009050			
2	100	8.604	8.603	0.001	62217069	0.009107			
						RPD = 0.63			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	23333396	0.008831			
2	100	9.024	9.024	0.000	61170902	0.008778			
						RPD = 0.60			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	24234648	0.008931			
2	100	9.334	9.334	0.000	62806867	0.008924			
						RPD = 0.08			
14 Endosulfan I									
1	100	7.899	7.896	0.003	21319989	0.009154			
2	100	9.396	9.396	0.000	52805057	0.009168			
						RPD = 0.15			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	26415459	0.009126			
2	100	9.787	9.785	0.002	63738283	0.008844			
						RPD = 3.14			
13 Dieldrin									
1	100	8.458	8.455	0.003	21811833	0.008979			
2	100	9.927	9.926	0.001	55758987	0.008826			
						RPD = 1.71			
17 Endrin									
1	100	8.908	8.908	0.000	20259835	0.009072			
2	100	10.445	10.445	0.000	51637931	0.008875			
						RPD = 2.20			
1 4,4'-DDD									
1	100	9.266	9.263	0.003	15812120	0.008824			
2	100	10.812	10.810	0.002	85792995	0.008746			
						RPD = 0.89			
15 Endosulfan II									
1	100	9.354	9.353	0.001	19599257	0.009242			
2	100	10.812	10.810	0.002	85792995	0.008746			
						RPD = 5.51			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	11421027	0.008042			
2	100	11.293	11.292	0.001	26815217	0.008053			
						RPD = 0.14			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	14081874	0.008944			
2	100	11.384	11.383	0.001	34825250	0.009103			
						RPD = 1.76			
27 Methoxychlor									
1	100	10.723	10.723	0.000	6010772	0.008843			
2	100	12.366	12.365	0.001	14395992	0.008661			
						RPD = 2.08			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	15371965	0.008900			
2	100	11.815	11.815	0.000	37147038	0.008610			
						RPD = 3.31			
19 Endrin ketone									
1	100	11.262	11.260	0.002	17089125	0.009028			
2	100	12.553	12.552	0.001	38398331	0.008758			
						RPD = 3.04			
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.862	0.001	18779414	0.009108			
2	100	14.324	14.325	-0.001	43182097	0.009125			
						RPD = 0.19			

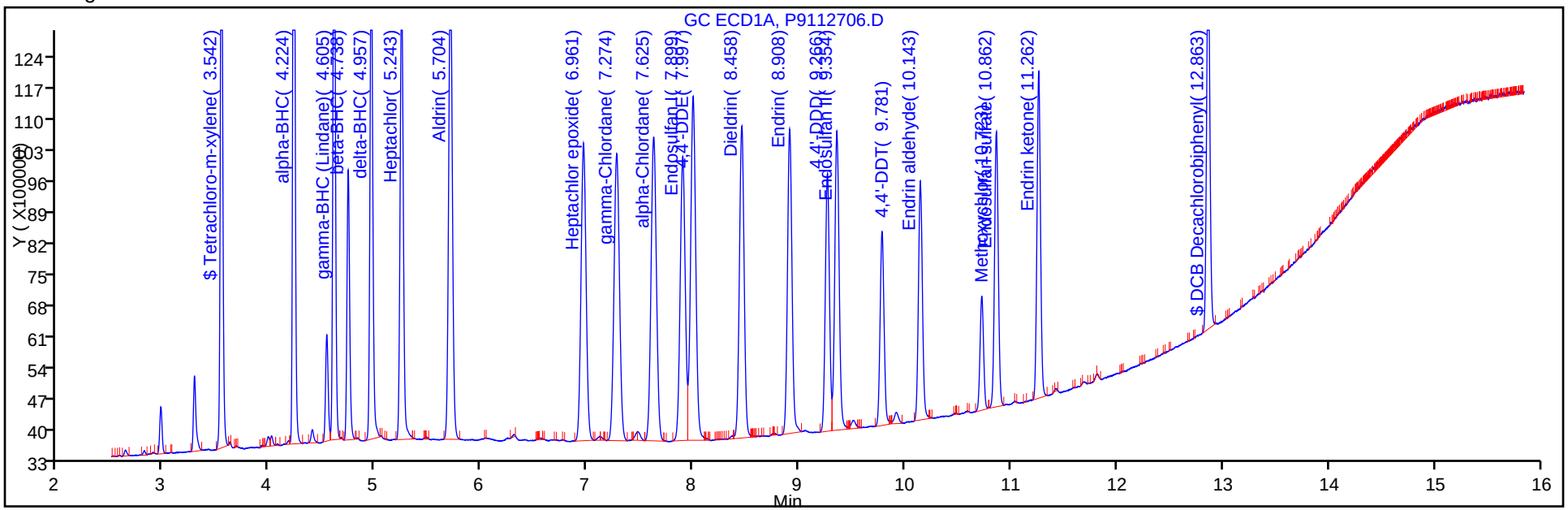
Report Date: 29-Nov-2012 09:55:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

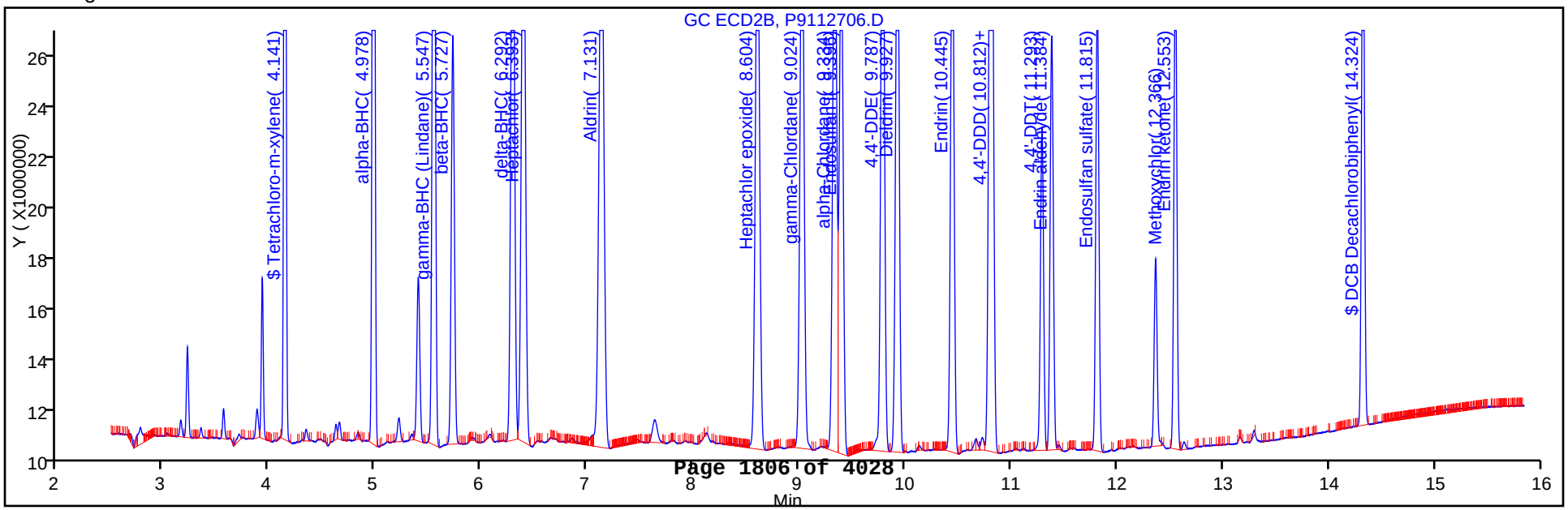
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112706.D

Injection Date:	28-Nov-2012 04:19:44	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112707.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 28-Nov-2012 04:47:25 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015316-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 66500 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:08 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:35:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	63435034	0.0263			
2	100	4.140	4.140	0.000	180187348	0.0254			
						RPD = 3.52			
5 alpha-BHC									
1	100	4.225	4.225	0.000	85315068	0.0269			
2	100	4.978	4.978	0.000	254049707	0.0256			
						RPD = 5.21			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	74067417	0.0275			
2	100	5.547	5.547	0.000	218126679	0.0263			
						RPD = 4.35			
7 beta-BHC									
1	100	4.739	4.739	0.000	32466494	0.0272			
2	100	5.726	5.726	0.000	95340345	0.0264			
						RPD = 2.95			
11 delta-BHC									
1	100	4.957	4.957	0.000	70701379	0.0273			
2	100	6.292	6.292	0.000	207159463	0.0262			
						RPD = 4.05			
22 Heptachlor									
1	100	5.243	5.243	0.000	67803001	0.0278			
2	100	6.394	6.394	0.000	192100308	0.0269			
						RPD = 3.37			
4 Aldrin									
1	100	5.705	5.705	0.000	79080833	0.0267			
2	100	7.130	7.130	0.000	212581974	0.0259			
						RPD = 2.95			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	67605641	0.0274			
2	100	8.603	8.603	0.000	181645390	0.0266			
						RPD = 3.09			
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	71578901	0.0271			
2	100	9.024	9.024	0.000	184111406	0.0264			
						RPD = 2.50			
6 alpha-Chlordane									
1	100	7.623	7.623	0.000	73477159	0.0271			
2	100	9.334	9.334	0.000	185454175	0.0264			
						RPD = 2.73			
14 Endosulfan I									
1	100	7.896	7.896	0.000	64705942	0.0278			
2	100	9.396	9.396	0.000	154451497	0.0268			
						RPD = 3.54			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	77611943	0.0268			
2	100	9.785	9.785	0.000	185887305	0.0258			
						RPD = 3.88			
13 Dieldrin									
1	100	8.455	8.455	0.000	66457693	0.0274			
2	100	9.926	9.926	0.000	167524437	0.0265			
						RPD = 3.12			
17 Endrin									M
1	100	8.908	8.908	0.000	62299800	0.0279			M
2	100	10.445	10.445	0.000	157287734	0.0270			
						RPD = 3.15			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	49525658	0.0276			
2	100	10.810	10.810	0.000	263481096	0.0269			
						RPD = 2.86			
15 Endosulfan II									
1	100	9.353	9.353	0.000	59747209	0.0282			
2	100	10.810	10.810	0.000	263481096	0.0269			
						RPD = 4.77			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	39680453	0.0279			
2	100	11.292	11.292	0.000	90883351	0.0273			
						RPD = 2.34			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	43691326	0.0278			
2	100	11.383	11.383	0.000	103634534	0.0271			
						RPD = 2.42			
27 Methoxychlor									
1	100	10.723	10.723	0.000	19257369	0.0283			
2	100	12.365	12.365	0.000	44406284	0.0267			
						RPD = 5.87			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	47741448	0.0276			
2	100	11.815	11.815	0.000	114847519	0.0266			
						RPD = 3.76			
19 Endrin ketone									
1	100	11.260	11.260	0.000	52279079	0.0276			
2	100	12.552	12.552	0.000	117830988	0.0269			
						RPD = 2.73			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	54709867	0.0265			
2	100	14.325	14.325	0.000	120111413	0.0254			
						RPD = 4.44			

QC Flag Legend

Review Flags
M - Manually Integrated

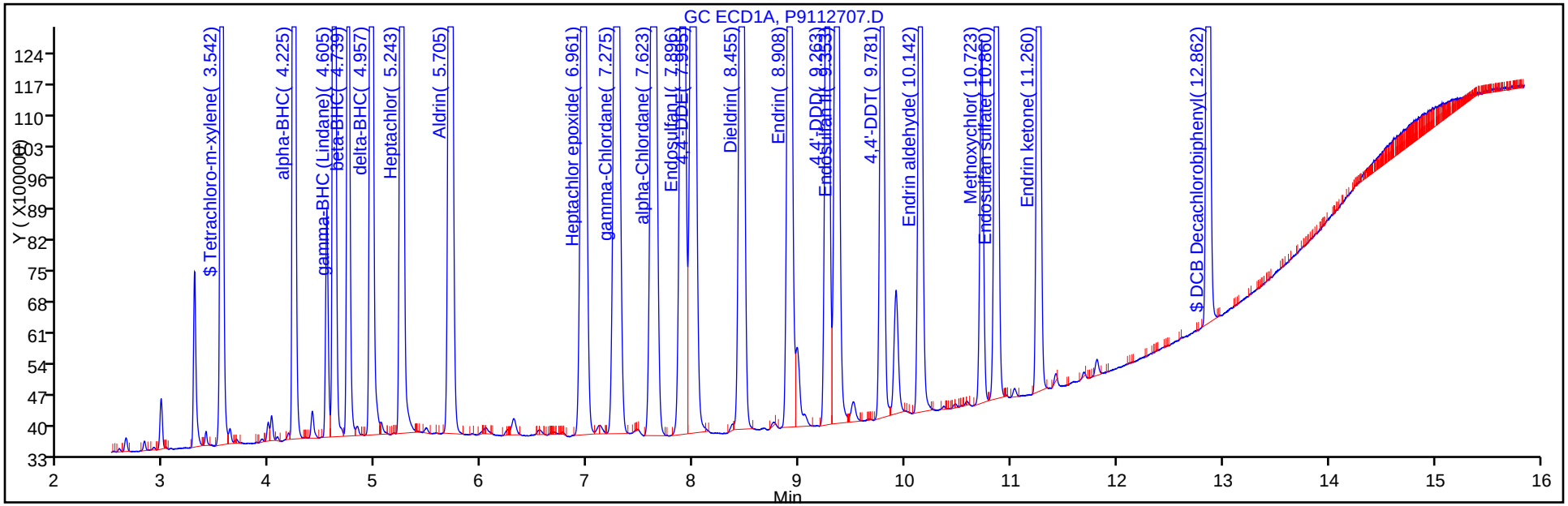
Report Date: 29-Nov-2012 09:55:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

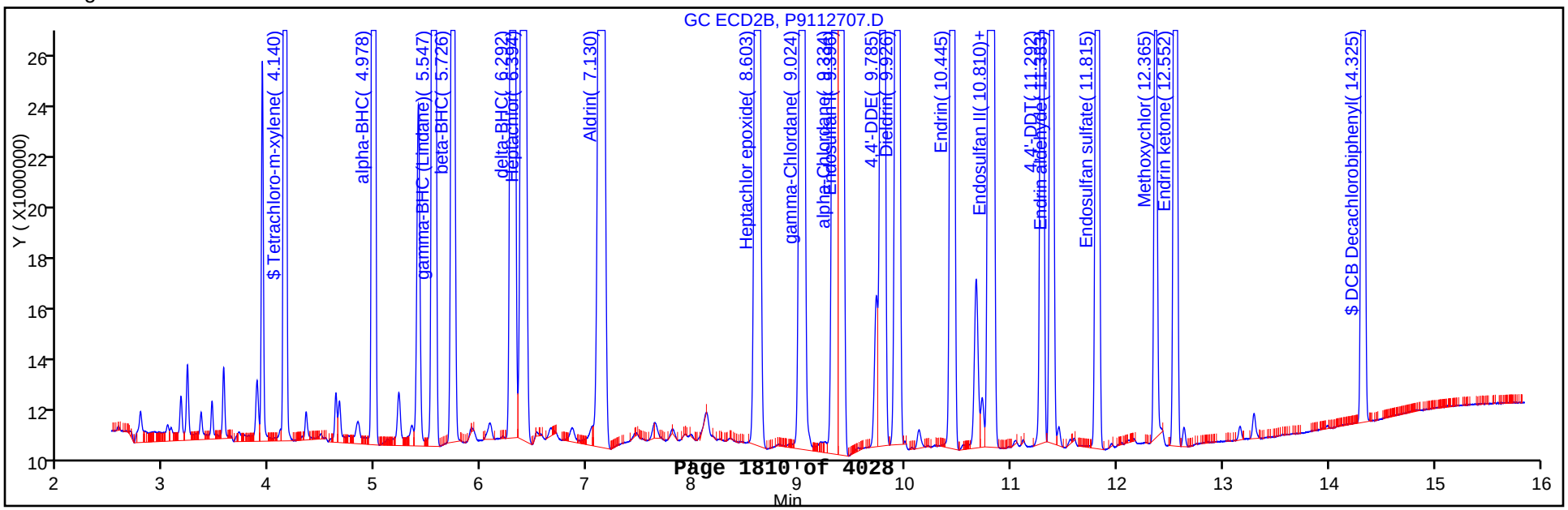
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Injection Date:	28-Nov-2012 04:47:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 29-Nov-2012 09:55:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

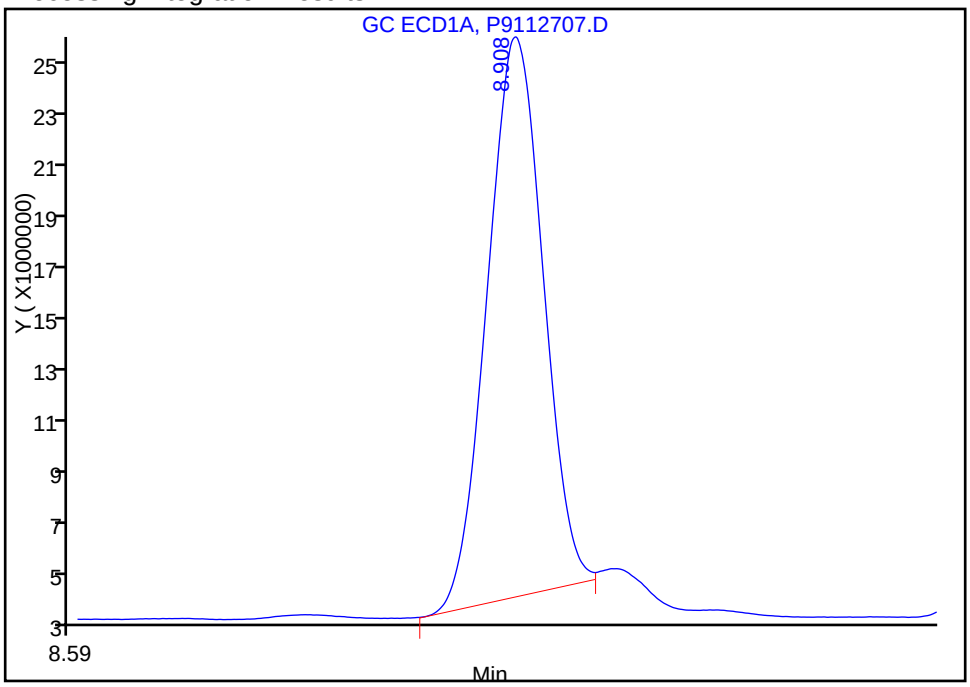
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112707.D		
Injection Date:	28-Nov-2012 04:47:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

17 Endrin, Signal: 1, Type: quant, RT: 8.91, Det: GC ECD1A

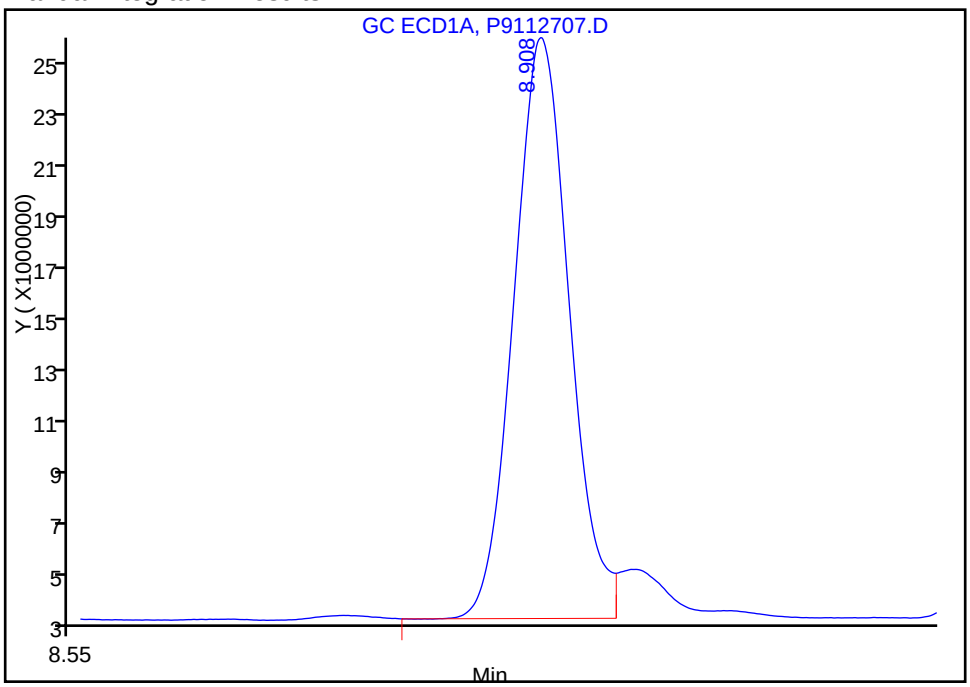
Processing Integration Results

RT: 8.91
Response: 57017849
Amount: 0.025940



Manual Integration Results

RT: 8.91
Response: 62299800
Amount: 0.027896



Reviewer: vandorenc, 29-Nov-2012 09:35:54
Audit Action: Split an Integrated Peak
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112708.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 28-Nov-2012 05:11:37 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015316-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 66500 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:11 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.540	3.542	-0.002	120308300	0.0498			
2	100	4.141	4.140	0.001	349876507	0.0492			
						RPD = 1.17			
5 alpha-BHC									
1	100	4.224	4.225	-0.001	168246491	0.0531			
2	100	4.979	4.978	0.001	519423608	0.0523			
						RPD = 1.60			
20 gamma-BHC (Lindane)									
1	100	4.604	4.605	-0.001	142541536	0.0529			
2	100	5.547	5.547	0.000	428834821	0.0517			
						RPD = 2.22			
7 beta-BHC									
1	100	4.737	4.739	-0.002	60784519	0.0510			
2	100	5.727	5.726	0.001	176468462	0.0489			
						RPD = 4.09			
11 delta-BHC									
1	100	4.955	4.957	-0.002	135742987	0.0523			
2	100	6.292	6.292	0.000	404010292	0.0511			
						RPD = 2.48			
22 Heptachlor									
1	100	5.241	5.243	-0.002	127680749	0.0524			
2	100	6.394	6.394	0.000	360935532	0.0505			
						RPD = 3.59			
4 Aldrin									
1	100	5.702	5.705	-0.003	152469576	0.0514			
2	100	7.129	7.130	-0.001	413421508	0.0503			
						RPD = 2.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.957	6.961	-0.004	127476829	0.0517			
2	100	8.603	8.603	0.000	342800046	0.0502			
						RPD = 3.01			
21 gamma-Chlordane									
1	100	7.270	7.275	-0.005	136108350	0.0515			
2	100	9.024	9.024	0.000	349561742	0.0502			
						RPD = 2.66			
6 alpha-Chlordane									
1	100	7.619	7.623	-0.004	138438807	0.0510			
2	100	9.333	9.334	-0.001	349426426	0.0496			
						RPD = 2.72			
14 Endosulfan I									
1	100	7.894	7.896	-0.002	118897646	0.0511			
2	100	9.395	9.396	-0.001	287158677	0.0499			
						RPD = 2.37			
2 4,4'-DDE									
1	100	7.991	7.995	-0.004	143606885	0.0496			
2	100	9.786	9.785	0.001	349697573	0.0485			
						RPD = 2.22			
13 Dieldrin									
1	100	8.452	8.455	-0.003	126120451	0.0519			
2	100	9.924	9.926	-0.002	319301367	0.0505			
						RPD = 2.68			
17 Endrin									
1	100	8.905	8.908	-0.003	113505434	0.0508			
2	100	10.444	10.445	-0.001	293523164	0.0504			
						RPD = 0.75			
1 4,4'-DDD									
1	100	9.259	9.263	-0.004	90234850	0.0504			
2	100	10.810	10.810	0.000	495476407	0.0505			
						RPD = 0.30			
15 Endosulfan II									
1	100	9.352	9.353	-0.001	105333851	0.0497			
2	100	10.810	10.810	0.000	495476407	0.0505			
						RPD = 1.68			
3 4,4'-DDT									
1	100	9.779	9.781	-0.002	74188574	0.0522			
2	100	11.291	11.292	-0.001	169067750	0.0508			
						RPD = 2.84			
18 Endrin aldehyde									
1	100	10.139	10.142	-0.003	80263512	0.0510			
2	100	11.383	11.383	0.000	188798122	0.0493			
						RPD = 3.25			
27 Methoxychlor									
1	100	10.720	10.723	-0.003	35097830	0.0516			
2	100	12.364	12.365	-0.001	86673844	0.0521			
						RPD = 0.98			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.859	10.860	-0.001	88030573	0.0510			
2	100	11.814	11.815	-0.001	215133295	0.0499			
						RPD = 2.19			
19 Endrin ketone									
1	100	11.258	11.260	-0.002	97151486	0.0513			
2	100	12.551	12.552	-0.001	221784391	0.0506			
						RPD = 1.45			
$ 10 DCB Decachlorobiphenyl									
1	100	12.860	12.862	-0.002	106216984	0.0515			
2	100	14.324	14.325	-0.001	235265158	0.0497			
						RPD = 3.56			

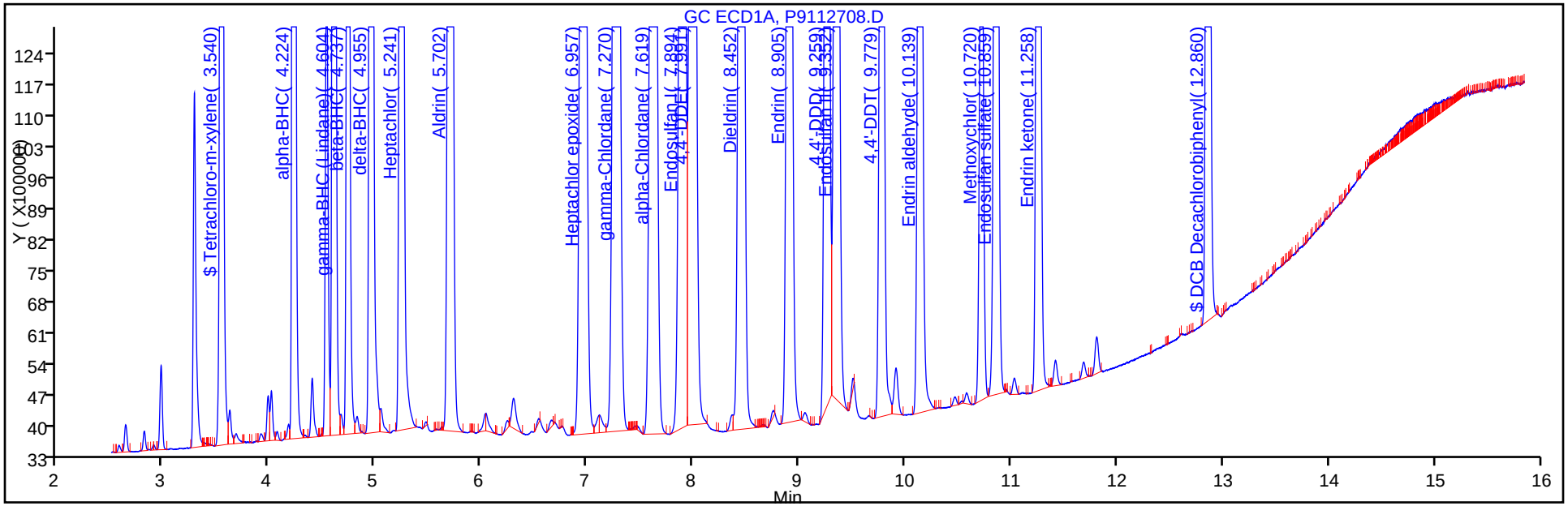
Report Date: 29-Nov-2012 09:55:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

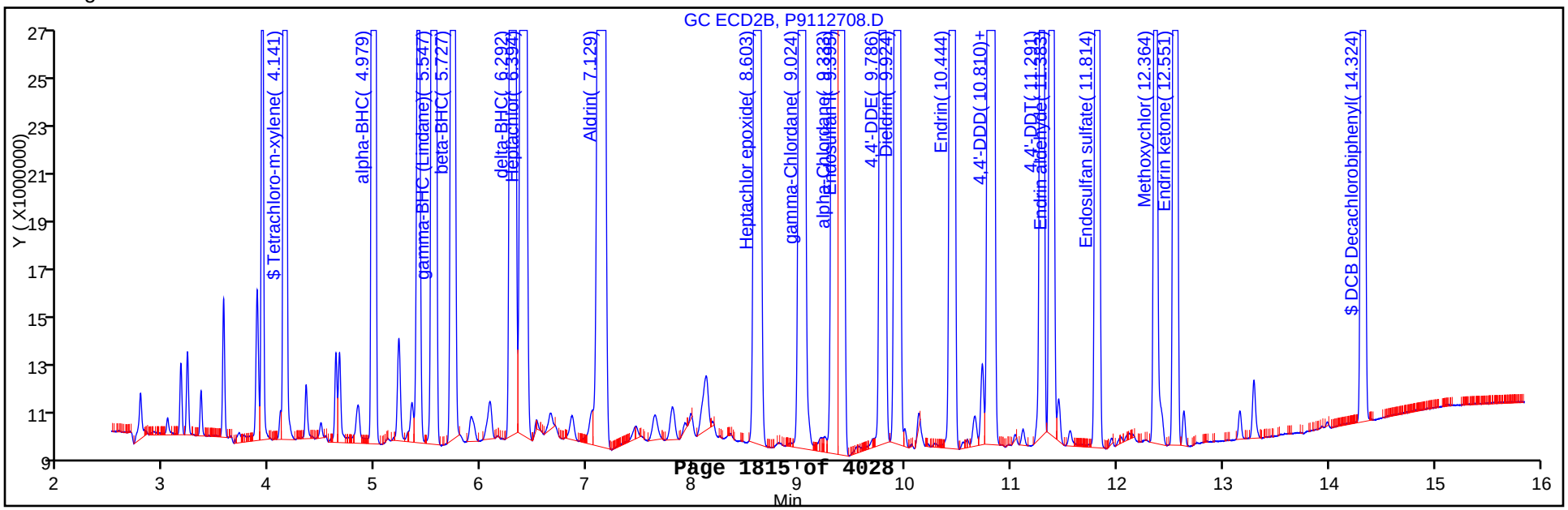
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112708.D

Injection Date:	28-Nov-2012 05:11:37	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112709.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 28-Nov-2012 05:30:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015316-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 66500 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:13 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.535	3.542	-0.007	233043289	0.0965			
2	100	4.144	4.140	0.004	705568169	0.0993			
						RPD = 2.86			
5 alpha-BHC									
1	100	4.218	4.225	-0.007	321294010	0.1014			
2	100	4.979	4.978	0.001	1050625042	0.1057			
						RPD = 4.15			
20 gamma-BHC (Lindane)									
1	100	4.597	4.605	-0.008	268105436	0.0994			
2	100	5.548	5.547	0.001	836258205	0.1008			
						RPD = 1.39			
7 beta-BHC									
1	100	4.729	4.739	-0.010	114225893	0.0958			
2	100	5.727	5.726	0.001	340246151	0.0944			
						RPD = 1.53			
11 delta-BHC									
1	100	4.948	4.957	-0.009	270604940	0.1043			
2	100	6.292	6.292	0.000	842988777	0.1065			
						RPD = 2.08			
22 Heptachlor									
1	100	5.233	5.243	-0.010	237500162	0.0975			
2	100	6.394	6.394	0.000	684656663	0.0959			
						RPD = 1.63			
4 Aldrin									
1	100	5.693	5.705	-0.012	294664832	0.0993			
2	100	7.128	7.130	-0.002	818825596	0.0997			
						RPD = 0.36			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.946	6.961	-0.015	240402105	0.0975			
2	100	8.601	8.603	-0.002	664094904	0.0972			
						RPD = 0.32			
21 gamma-Chlordane									
1	100	7.257	7.275	-0.018	262785355	0.0995			
2	100	9.024	9.024	0.000	686632957	0.0985			
						RPD = 0.93			
6 alpha-Chlordane									
1	100	7.606	7.623	-0.017	265767351	0.0979			
2	100	9.331	9.334	-0.003	686124779	0.0975			
						RPD = 0.47			
14 Endosulfan I									
1	100	7.883	7.896	-0.013	225351773	0.0968			
2	100	9.394	9.396	-0.002	553586037	0.0961			
						RPD = 0.67			
2 4,4'-DDE									
1	100	7.981	7.995	-0.014	287944529	0.0995			
2	100	9.784	9.785	-0.001	727184219	0.1009			
						RPD = 1.42			
13 Dieldrin									
1	100	8.442	8.455	-0.013	238769123	0.0983			
2	100	9.924	9.926	-0.002	622149707	0.0985			
						RPD = 0.20			
17 Endrin									
1	100	8.896	8.908	-0.012	219329606	0.0982			
2	100	10.443	10.445	-0.002	567059158	0.0975			
						RPD = 0.77			
1 4,4'-DDD									
1	100	9.253	9.263	-0.010	179041064	0.0999			
2	100	10.809	10.810	-0.001	968165240	0.0987			
						RPD = 1.23			
15 Endosulfan II									
1	100	9.343	9.353	-0.010	205405499	0.0969			
2	100	10.809	10.810	-0.001	968165240	0.0987			
						RPD = 1.88			
3 4,4'-DDT									
1	100	9.772	9.781	-0.009	146524084	0.1032			
2	100	11.290	11.292	-0.002	341723801	0.1026			
						RPD = 0.53			
18 Endrin aldehyde									
1	100	10.133	10.142	-0.009	153274604	0.0974			
2	100	11.382	11.383	-0.001	367992078	0.0962			
						RPD = 1.21			
27 Methoxychlor									
1	100	10.713	10.723	-0.010	66368596	0.0976			
2	100	12.364	12.365	-0.001	166024602	0.0999			
						RPD = 2.27			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.853	10.860	-0.007	167836771	0.0972			
2	100	11.814	11.815	-0.001	430525250	0.0998			
						RPD = 2.66			
19 Endrin ketone									
1	100	11.254	11.260	-0.006	181236644	0.0957			
2	100	12.551	12.552	-0.001	428298026	0.0977			
						RPD = 2.01			
$ 10 DCB Decachlorobiphenyl									
1	100	12.857	12.862	-0.005	200449899	0.0972			
2	100	14.322	14.325	-0.003	457702306	0.0967			
						RPD = 0.51			

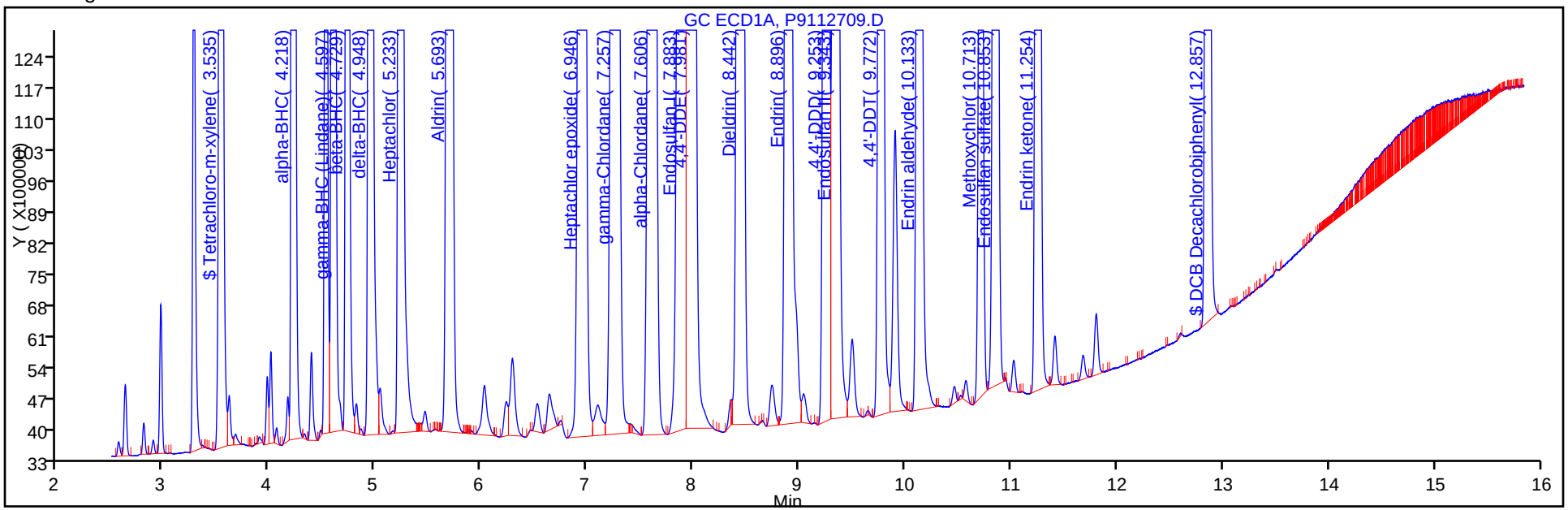
Report Date: 29-Nov-2012 09:55:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

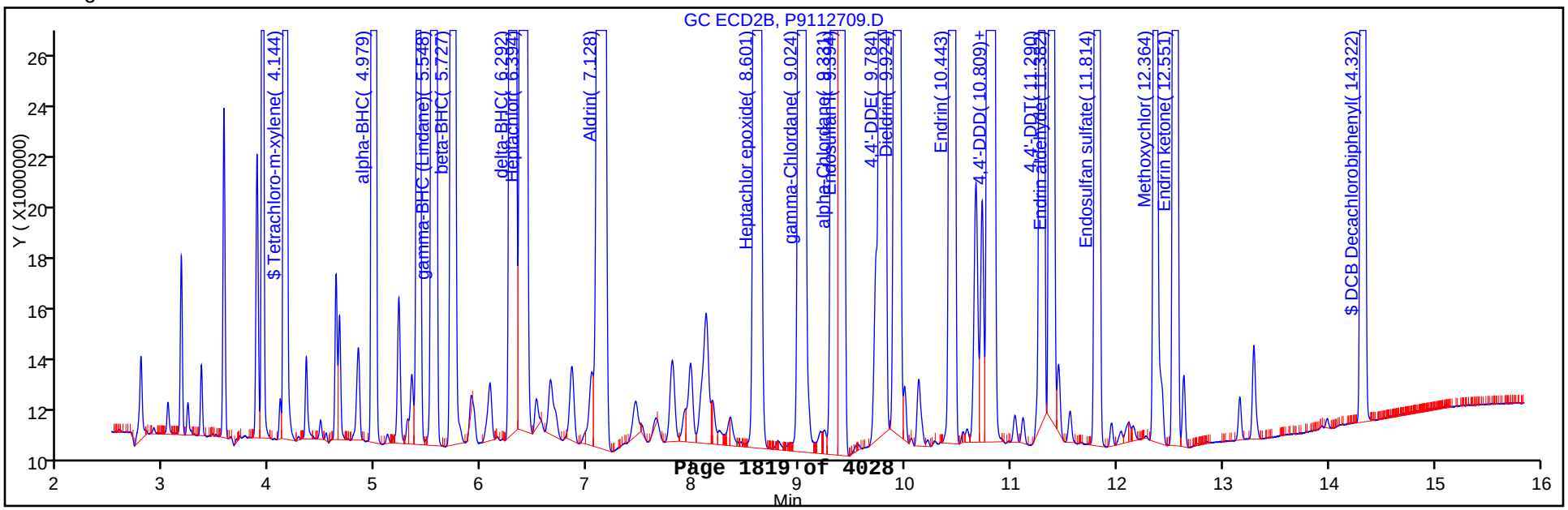
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112709.D

Injection Date:	28-Nov-2012 05:30:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112710.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 28-Nov-2012 05:55:06 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015316-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 66500 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:15 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	453303295	0.1876			
2	100	4.142	4.140	0.002	1448221556	0.2037			
						RPD = 8.23			
5 alpha-BHC									
1	100	4.225	4.225	0.000	645976390	0.2039			
2	100	4.980	4.978	0.002	2285367453	0.2299			
						RPD = 12.01			
20 gamma-BHC (Lindane)									
1	100	4.604	4.605	-0.001	547873505	0.2032			
2	100	5.548	5.547	0.001	1806076915	0.2178			
						RPD = 6.92			
7 beta-BHC									
1	100	4.737	4.739	-0.002	232044158	0.1946			
2	100	5.727	5.726	0.001	707677990	0.1963			
						RPD = 0.83			
11 delta-BHC									
1	100	4.955	4.957	-0.002	561318018	0.2164			
2	100	6.292	6.292	0.000	1848244996	0.2336			
						RPD = 7.62			
22 Heptachlor									
1	100	5.243	5.243	0.000	472352159	0.1938			
2	100	6.394	6.394	0.000	1409699760	0.1974			
						RPD = 1.83			
4 Aldrin									
1	100	5.703	5.705	-0.002	580677178	0.1957			
2	100	7.131	7.130	0.001	1679176514	0.2044			
						RPD = 4.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.959	6.961	-0.002	467013104	0.1894			
2	100	8.604	8.603	0.001	1344707940	0.1968			
						RPD = 3.83			
21 gamma-Chlordane									
1	100	7.270	7.275	-0.005	532845994	0.2017			
2	100	9.025	9.024	0.001	1446103331	0.2075			
						RPD = 2.86			
6 alpha-Chlordane									
1	100	7.621	7.623	-0.002	540294147	0.1991			
2	100	9.335	9.334	0.001	1435449896	0.2040			
						RPD = 2.40			
14 Endosulfan I									
1	100	7.895	7.896	-0.001	441726686	0.1897			
2	100	9.395	9.396	-0.001	1114942430	0.1936			
						RPD = 2.04			
2 4,4'-DDE									
1	100	7.994	7.995	-0.001	573706412	0.1982			
2	100	9.786	9.785	0.001	1488391863	0.2065			
						RPD = 4.11			
13 Dieldrin									
1	100	8.452	8.455	-0.003	474575217	0.1954			
2	100	9.925	9.926	-0.001	1279814987	0.2026			
						RPD = 3.63			
17 Endrin									
1	100	8.905	8.908	-0.003	421931840	0.1889			
2	100	10.445	10.445	0.000	1175172336	0.2020			
						RPD = 6.67			
1 4,4'-DDD									
1	100	9.260	9.263	-0.003	364468396	0.2034			
2	100	10.810	10.810	0.000	2025798167	0.2065			
						RPD = 1.52			
15 Endosulfan II									
1	100	9.352	9.353	-0.001	409210791	0.1930			
2	100	10.810	10.810	0.000	2025798167	0.2065			
						RPD = 6.79			
3 4,4'-DDT									
1	100	9.778	9.781	-0.003	322124691	0.2268			
2	100	11.291	11.292	-0.001	782127021	0.2349			
						RPD = 3.50			
18 Endrin aldehyde									
1	100	10.140	10.142	-0.002	305452696	0.1940			
2	100	11.383	11.383	0.000	758873285	0.1984			
						RPD = 2.22			
27 Methoxychlor									
1	100	10.721	10.723	-0.002	137489775	0.2023			
2	100	12.365	12.365	0.000	354136490	0.2131			
						RPD = 5.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	344366445	0.1994			
2	100	11.815	11.815	0.000	929753170	0.2155			
						RPD = 7.77			
19 Endrin ketone									
1	100	11.259	11.260	-0.001	372090274	0.1966			
2	100	12.551	12.552	-0.001	916522247	0.2091			
						RPD = 6.15			
$ 10 DCB Decachlorobiphenyl									
1	100	12.860	12.862	-0.002	405785033	0.1968			
2	100	14.323	14.325	-0.002	974973426	0.2060			
						RPD = 4.58			

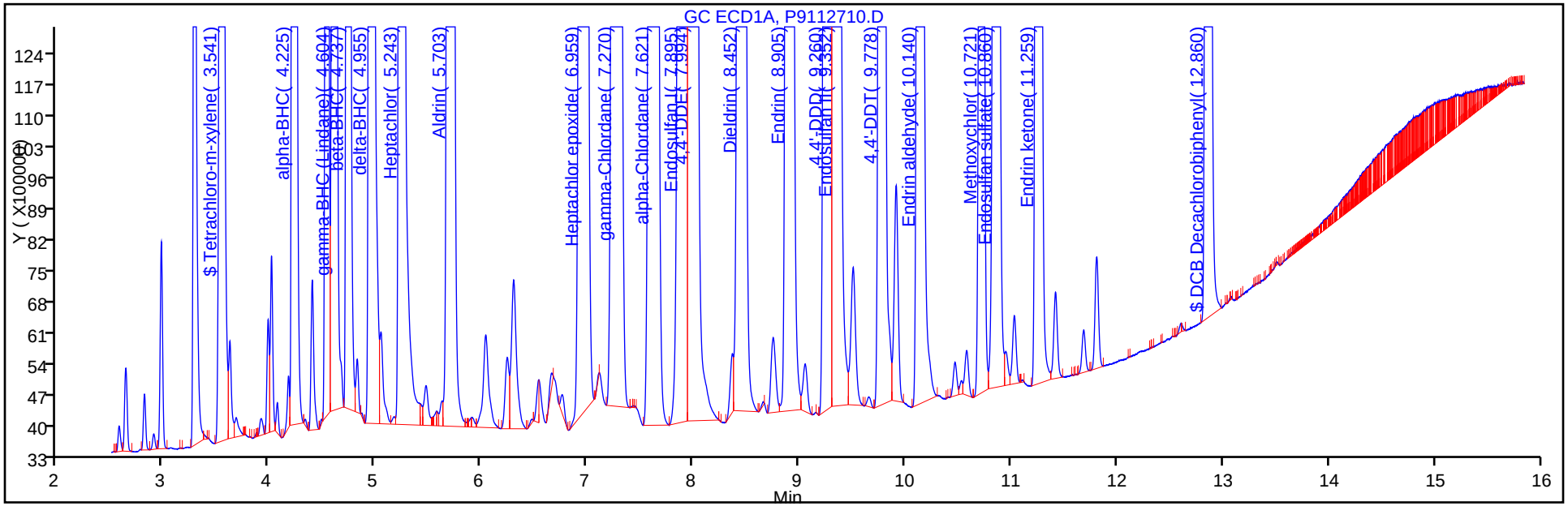
Report Date: 29-Nov-2012 09:55:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

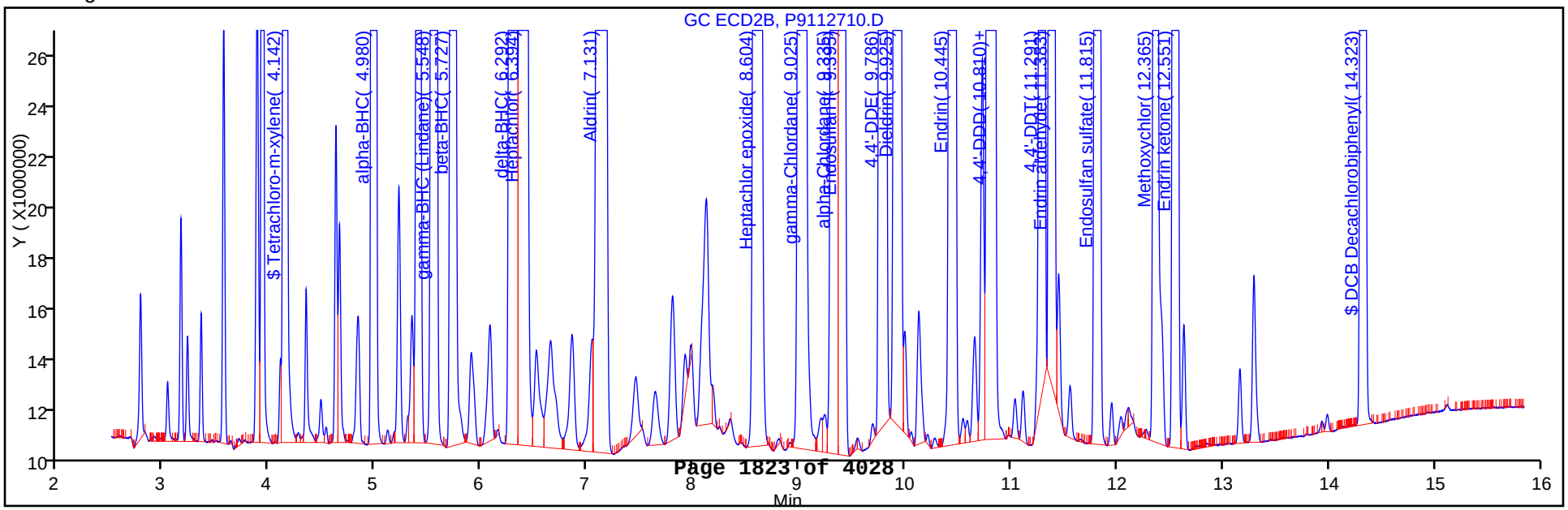
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Injection Date:	28-Nov-2012 05:55:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/5	P9112705.D
Level 2	STD 240-66500/6	P9112706.D
Level 3	STD 240-66500/7	P9112707.D
Level 4	STD 240-66500/8	P9112708.D
Level 5	STD 240-66500/9	P9112709.D
Level 6	STD 240-66500/10	P9112710.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.979	4.978	4.978	4.979	4.979	4.980					4.948 - 5.008	4.979
gamma-BHC (Lindane)	5.548	5.547	5.547	5.547	5.548	5.548					5.517 - 5.577	5.548
beta-BHC	5.728	5.727	5.726	5.727	5.727	5.727					5.696 - 5.756	5.727
delta-BHC	6.293	6.292	6.292	6.292	6.292	6.292					6.262 - 6.322	6.292
Heptachlor	6.394	6.393	6.394	6.394	6.394	6.394					6.359 - 6.429	6.394
Aldrin	7.132	7.131	7.130	7.129	7.128	7.131					7.100 - 7.160	7.130
Heptachlor epoxide	8.606	8.604	8.603	8.603	8.601	8.604					8.573 - 8.633	8.604
gamma-Chlordane	9.027	9.024	9.024	9.024	9.024	9.025					8.994 - 9.054	9.025
alpha-Chlordane	9.335	9.334	9.334	9.333	9.331	9.335					9.304 - 9.364	9.334
Endosulfan I	9.396	9.396	9.396	9.395	9.394	9.395					9.366 - 9.426	9.395
4,4'-DDE	9.787	9.787	9.785	9.786	9.784	9.786					9.755 - 9.815	9.786
Dieldrin	9.927	9.927	9.926	9.924	9.924	9.925					9.896 - 9.956	9.926
Endrin	10.447	10.445	10.445	10.444	10.443	10.445					10.415 - 10.475	10.445
4,4'-DDD	10.812	10.812	10.810	10.810	10.809	10.810					10.780 - 10.840	10.811
Endosulfan II	10.812	10.812	10.810	10.810	10.809	10.810					10.780 - 10.840	10.811
4,4'-DDT	11.292	11.293	11.292	11.291	11.290	11.291					11.262 - 11.322	11.292
Endrin aldehyde	11.384	11.384	11.383	11.383	11.382	11.383					11.353 - 11.413	11.383
Endosulfan sulfate	11.814	11.815	11.815	11.814	11.814	11.815					11.785 - 11.845	11.815
Methoxychlor	12.365	12.366	12.365	12.364	12.364	12.365					12.335 - 12.395	12.365
Endrin ketone	12.552	12.553	12.552	12.551	12.551	12.551					12.522 - 12.582	12.552
Tetrachloro-m-xylene	4.142	4.141	4.140	4.141	4.144	4.142					4.110 - 4.170	4.142
DCB Decachlorobiphenyl	14.325	14.324	14.325	14.324	14.322	14.323					14.295 - 14.355	14.324

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/5	P9112705.D
Level 2	STD 240-66500/6	P9112706.D
Level 3	STD 240-66500/7	P9112707.D
Level 4	STD 240-66500/8	P9112708.D
Level 5	STD 240-66500/9	P9112709.D
Level 6	STD 240-66500/10	P9112710.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	9176184400 10506250420	7980803700 11426837265	10161988280	10388472160	Ave		9940089371				12.0		20.0			
gamma-BHC (Lindane)	8148808800 8362582050	6918069200 9030384575	8725067160	8576696420	Ave		8293601368				8.9		20.0			
beta-BHC	4010121200 3402461510	3339417600 3538389950	3813613800	3529369240	Ave		3605562217				7.1		20.0			
delta-BHC	7136654600 8429887770	6302047900 9241224980	8286378520	8080205840	Ave		7912733268				13.0		20.0			
Heptachlor	7630125000 6846566630	6416269000 7048498800	7684012320	7218710640	Ave		7140697065				6.7		20.0			
Aldrin	8626886000 8188255960	7308046100 8395882570	8503278960	8268430160	Ave		8215129958				5.7		20.0			
Heptachlor epoxide	7283022400 6640949040	6221706900 6723539700	7265815600	6856000920	Ave		6831839093				5.9		20.0			
gamma-Chlordane	7242896600 6866329570	6117090200 7230516655	7364456240	6991234840	Ave		6968754018				6.5		20.0			
alpha-Chlordane	7501775600 6861247790	6280686700 7177249480	7418167000	6988528520	Ave		7037942515				6.3		20.0			
Endosulfan I	6246333600 5535860370	5280505700 5574712150	6178059880	5743173540	Ave		5759774207				6.6		20.0			
4,4'-DDE	7725134800 7271842190	6373828300 7441959315	7435492200	6993951460	Ave		7207034711				6.6		20.0			
Dieldrin	6622450400 6221497070	5575898700 6399074935	6700977480	6386027340	Ave		6317654321				6.4		20.0			
Endrin	6039854200 5670591580	5163793100 5875861680	6291509360	5870463280	Ave		5818678867				6.6		20.0			
4,4'-DDD	1001892800 96816524000	8579299500 10128990835	10539243840	9909528140	Ave		9809607119				6.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12531

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Endosulfan II	1001892800 9681652400	8579299500 1012899083 5	1053924384 0	9909528140	Ave		9809607119				6.8		20.0			
4,4'-DDT	2951900600 3417238010	2681521700 3910635105	3635334040	3381355000	Ave		3329664076				13.0		20.0			
Endrin aldehyde	4076508000 3679920780	3482525000 3794366425	4145381360	3775962440	Ave		3825777334				6.5		20.0			
Endosulfan sulfate	4319947800 4305252500	3714703800 4648765850	4593900760	4302665900	Ave		4314206102				7.7		20.0			
Methoxychlor	1592786000 1660246020	1439599200 1770682450	1776251360	1733476880	Ave		1662173652				7.8		20.0			
Endrin ketone	4450545200 4282980260	3839833100 4582611235	4713239520	4435687820	Ave		4384149523				6.9		20.0			
Tetrachloro-m-xylene	7695511600 7055681690	6450042300 7241107780	7207493920	6997530140	Ave		7107894572				5.7		20.0			
DCB Decachlorobiphenyl	5112469800 4577023060	4318209700 4874867130	4804456520	4705303160	Ave		4732054895				5.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12531

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/5	P9112705.D
Level 2	STD 240-66500/6	P9112706.D
Level 3	STD 240-66500/7	P9112707.D
Level 4	STD 240-66500/8	P9112708.D
Level 5	STD 240-66500/9	P9112709.D
Level 6	STD 240-66500/10	P9112710.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	45880922 2285367453	79808037	254049707	519423608	1050625042	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	40744044 1806076915	69180692	218126679	428834821	836258205	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	20050606 707677990	33394176	95340345	176468462	340246151	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	35683273 1848244996	63020479	207159463	404010292	842988777	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	38150625 1409699760	64162690	192100308	360935532	684656663	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	43134430 1679176514	73080461	212581974	413421508	818825596	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	36415112 1344707940	62217069	181645390	342800046	664094904	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	36214483 1446103331	61170902	184111406	349561742	686632957	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	37508878 1435449896	62806867	185454175	349426426	686124779	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	31231668 1114942430	52805057	154451497	287158677	553586037	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	38625674 1488391863	63738283	185887305	349697573	727184219	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	33112252 1279814987	55758987	167524437	319301367	622149707	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	30199271 1175172336	51637931	157287734	293523164	567059158	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	50094640 2025798167	85792995	263481096	495476407	968165240	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	50094640 2025798167	85792995	263481096	495476407	968165240	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	14759503 782127021	26815217	90883351	169067750	341723801	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 03:51 Calibration End Date: 11/28/2012 05:55 Calibration ID: 12531

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Endrin aldehyde	Ave	20382540 758873285	34825250	103634534	188798122	367992078	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	21599739 929753170	37147038	114847519	215133295	430525250	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	7963930 354136490	14395992	44406284	86673844	166024602	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	22252726 916522247	38398331	117830988	221784391	428298026	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	38477558 1448221556	64500423	180187348	349876507	705568169	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	25562349 974973426	43182097	120111413	235265158	457702306	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112705.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 28-Nov-2012 03:51:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015316-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 66500 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:04 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	13414757	0.005553			
2	100	4.142	4.140	0.002	38477558	0.005413			
						RPD = 2.55			
5 alpha-BHC									
1	100	4.226	4.225	0.001	15361104	0.004848			
2	100	4.979	4.978	0.001	45880922	0.004616			
						RPD = 4.90			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	13209691	0.004899			
2	100	5.548	5.547	0.001	40744044	0.004913			
						RPD = 0.27			
7 beta-BHC									
1	100	4.739	4.739	0.000	6287006	0.005274			
2	100	5.728	5.726	0.002	20050606	0.005561			
						RPD = 5.30			
11 delta-BHC									
1	100	4.958	4.957	0.001	11937577	0.004603			
2	100	6.293	6.292	0.001	35683273	0.004510			
						RPD = 2.05			
22 Heptachlor									
1	100	5.245	5.243	0.002	12212079	0.005011			
2	100	6.394	6.394	0.000	38150625	0.005343			
						RPD = 6.40			
4 Aldrin									
1	100	5.705	5.705	0.000	15467014	0.005213			
2	100	7.132	7.130	0.002	43134430	0.005251			
						RPD = 0.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.962	6.961	0.001	12839220	0.005208			
2	100	8.606	8.603	0.003	36415112	0.005330			
						RPD = 2.32			
21 gamma-Chlordane									
1	100	7.277	7.275	0.002	13215608	0.005002			
2	100	9.027	9.024	0.003	36214483	0.005197			
						RPD = 3.83			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	13950240	0.005141			
2	100	9.335	9.334	0.001	37508878	0.005330			
						RPD = 3.60			
14 Endosulfan I									
1	100	7.898	7.896	0.002	12068741	0.005182			
2	100	9.396	9.396	0.000	31231668	0.005422			
						RPD = 4.54			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	15005760	0.005184			
2	100	9.787	9.785	0.002	38625674	0.005359			
						RPD = 3.33			
13 Dieldrin									
1	100	8.456	8.455	0.001	12267727	0.005050			
2	100	9.927	9.926	0.001	33112252	0.005241			
						RPD = 3.72			
17 Endrin									
1	100	8.909	8.908	0.001	11544116	0.005169			
2	100	10.447	10.445	0.002	30199271	0.005190			
						RPD = 0.41			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	8858716	0.004944			
2	100	10.812	10.810	0.002	50094640	0.005107			
						RPD = 3.24			
15 Endosulfan II									
1	100	9.354	9.353	0.001	10840375	0.005112			
2	100	10.812	10.810	0.002	50094640	0.005107			
						RPD = 0.09			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	6160204	0.004338			
2	100	11.292	11.292	0.000	14759503	0.004433			
						RPD = 2.17			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	8126335	0.005162			
2	100	11.384	11.383	0.001	20382540	0.005328			
						RPD = 3.17			
27 Methoxychlor									
1	100	10.722	10.723	-0.001	3269347	0.004810			
2	100	12.365	12.365	0.000	7963930	0.004791			
						RPD = 0.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	8776233	0.005081			
2	100	11.814	11.815	-0.001	21599739	0.005007			
						RPD = 1.48			
19 Endrin ketone									
1	100	11.261	11.260	0.001	9704977	0.005127			
2	100	12.552	12.552	0.000	22252726	0.005076			
						RPD = 1.01			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	10733315	0.005206			
2	100	14.325	14.325	0.000	25562349	0.005402			
						RPD = 3.70			

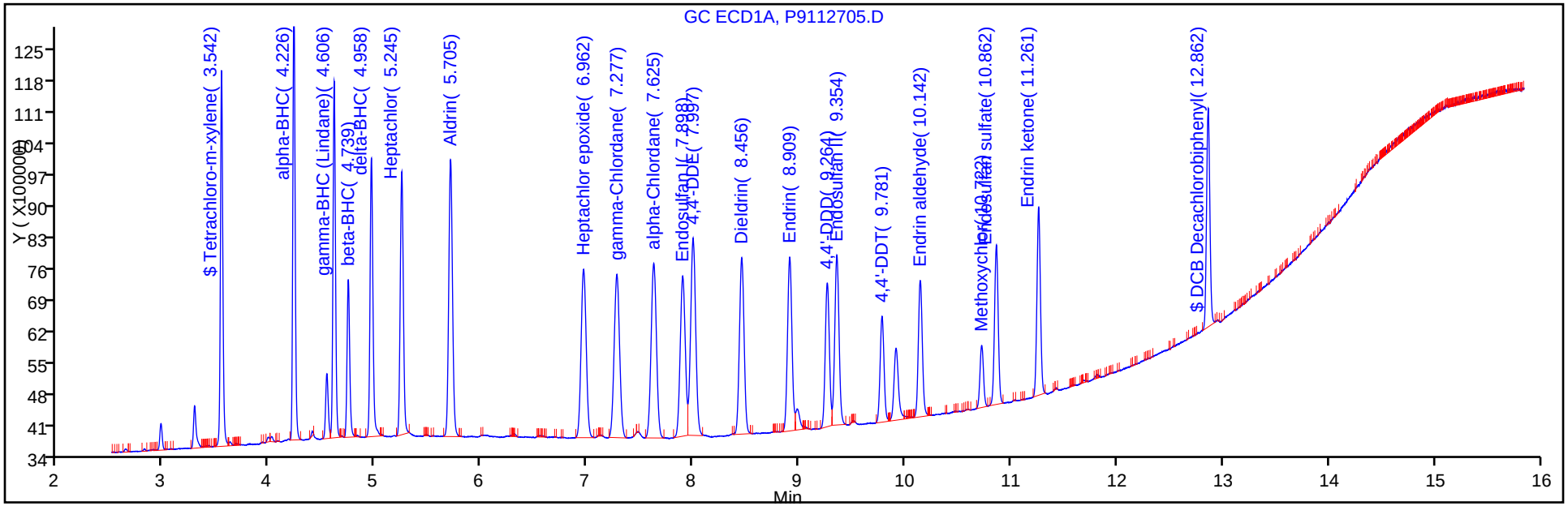
Report Date: 29-Nov-2012 09:55:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

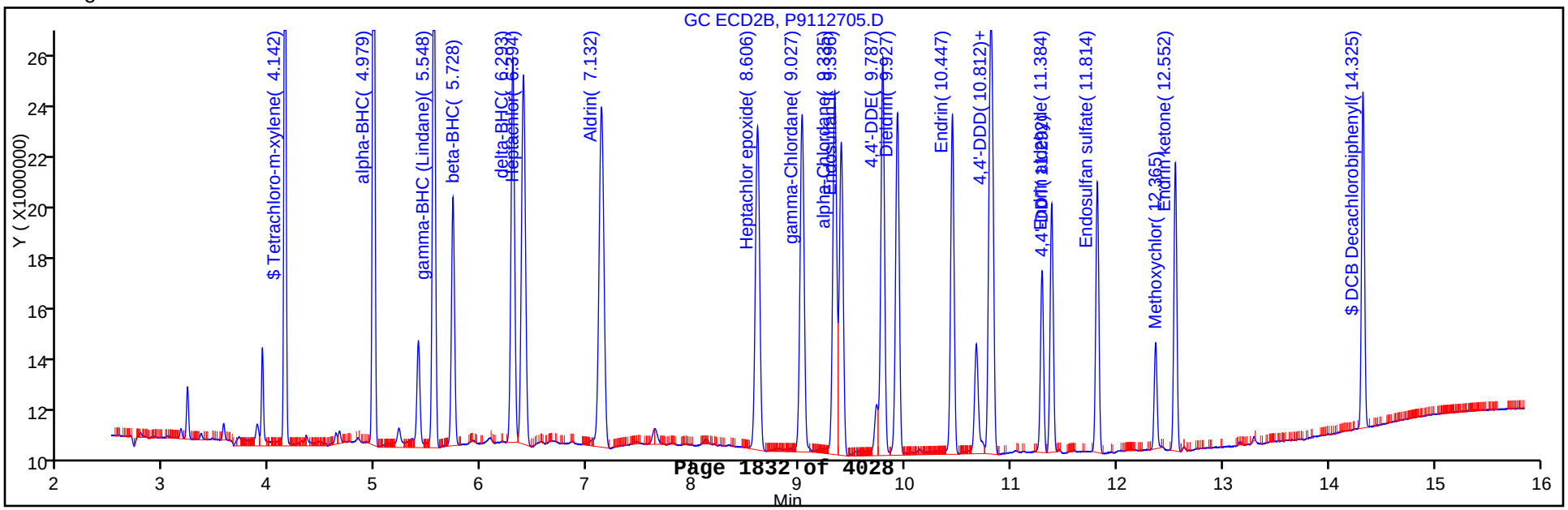
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Injection Date:	28-Nov-2012 03:51:54	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112706.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 28-Nov-2012 04:19:44 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015316-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 66500 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:06 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	22713171	0.009402			
2	100	4.141	4.140	0.001	64500423	0.009074			
						RPD = 3.54			
5 alpha-BHC									
1	100	4.224	4.225	-0.001	27194279	0.008582			
2	100	4.978	4.978	0.000	79808037	0.008029			
						RPD = 6.66			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	23015504	0.008536			
2	100	5.547	5.547	0.000	69180692	0.008341			
						RPD = 2.31			
7 beta-BHC									
1	100	4.738	4.739	-0.001	10784735	0.009047			
2	100	5.727	5.726	0.001	33394176	0.009262			
						RPD = 2.35			
11 delta-BHC									
1	100	4.957	4.957	0.000	21171945	0.008164			
2	100	6.292	6.292	0.000	63020479	0.007964			
						RPD = 2.47			
22 Heptachlor									
1	100	5.243	5.243	0.000	21766652	0.008932			
2	100	6.393	6.394	-0.001	64162690	0.008985			
						RPD = 0.60			
4 Aldrin									
1	100	5.704	5.705	-0.001	26462599	0.008919			
2	100	7.131	7.130	0.001	73080461	0.008896			
						RPD = 0.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	22311480	0.009050			
2	100	8.604	8.603	0.001	62217069	0.009107			
						RPD = 0.63			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	23333396	0.008831			
2	100	9.024	9.024	0.000	61170902	0.008778			
						RPD = 0.60			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	24234648	0.008931			
2	100	9.334	9.334	0.000	62806867	0.008924			
						RPD = 0.08			
14 Endosulfan I									
1	100	7.899	7.896	0.003	21319989	0.009154			
2	100	9.396	9.396	0.000	52805057	0.009168			
						RPD = 0.15			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	26415459	0.009126			
2	100	9.787	9.785	0.002	63738283	0.008844			
						RPD = 3.14			
13 Dieldrin									
1	100	8.458	8.455	0.003	21811833	0.008979			
2	100	9.927	9.926	0.001	55758987	0.008826			
						RPD = 1.71			
17 Endrin									
1	100	8.908	8.908	0.000	20259835	0.009072			
2	100	10.445	10.445	0.000	51637931	0.008875			
						RPD = 2.20			
1 4,4'-DDD									
1	100	9.266	9.263	0.003	15812120	0.008824			
2	100	10.812	10.810	0.002	85792995	0.008746			
						RPD = 0.89			
15 Endosulfan II									
1	100	9.354	9.353	0.001	19599257	0.009242			
2	100	10.812	10.810	0.002	85792995	0.008746			
						RPD = 5.51			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	11421027	0.008042			
2	100	11.293	11.292	0.001	26815217	0.008053			
						RPD = 0.14			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	14081874	0.008944			
2	100	11.384	11.383	0.001	34825250	0.009103			
						RPD = 1.76			
27 Methoxychlor									
1	100	10.723	10.723	0.000	6010772	0.008843			
2	100	12.366	12.365	0.001	14395992	0.008661			
						RPD = 2.08			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	15371965	0.008900			
2	100	11.815	11.815	0.000	37147038	0.008610			
						RPD = 3.31			
19 Endrin ketone									
1	100	11.262	11.260	0.002	17089125	0.009028			
2	100	12.553	12.552	0.001	38398331	0.008758			
						RPD = 3.04			
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.862	0.001	18779414	0.009108			
2	100	14.324	14.325	-0.001	43182097	0.009125			
						RPD = 0.19			

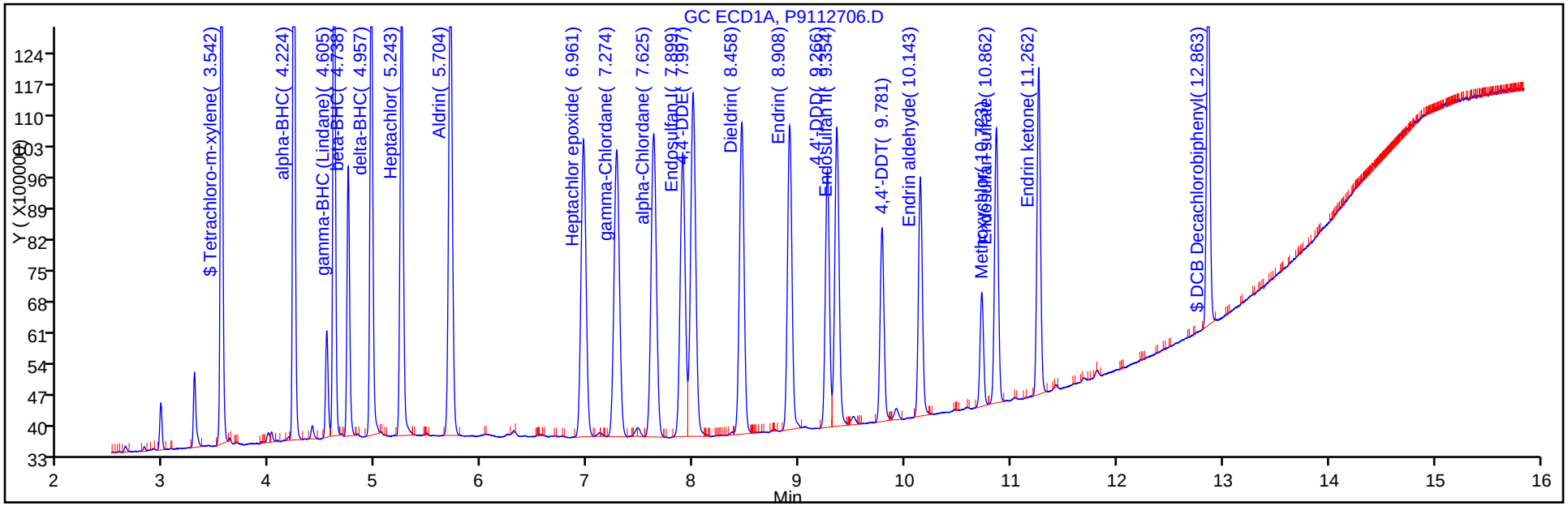
Report Date: 29-Nov-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

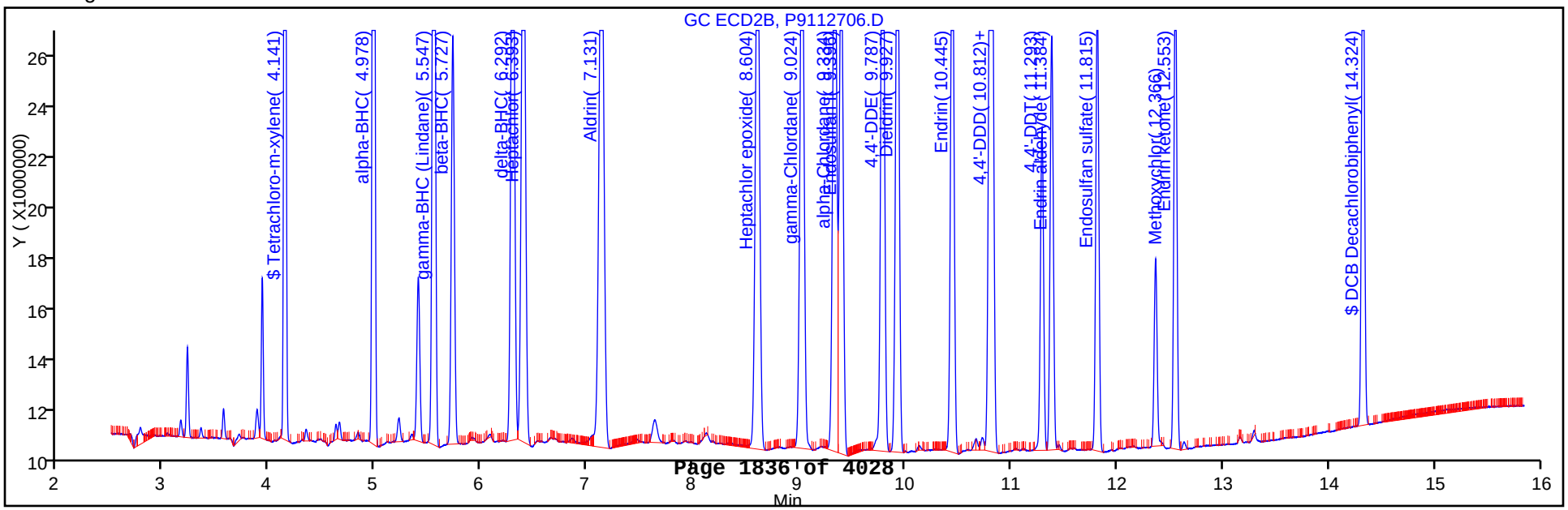
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Injection Date:	28-Nov-2012 04:19:44	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112707.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 28-Nov-2012 04:47:25 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015316-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 66500 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:08 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:35:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	63435034	0.0263			
2	100	4.140	4.140	0.000	180187348	0.0254			
						RPD = 3.52			
5 alpha-BHC									
1	100	4.225	4.225	0.000	85315068	0.0269			
2	100	4.978	4.978	0.000	254049707	0.0256			
						RPD = 5.21			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	74067417	0.0275			
2	100	5.547	5.547	0.000	218126679	0.0263			
						RPD = 4.35			
7 beta-BHC									
1	100	4.739	4.739	0.000	32466494	0.0272			
2	100	5.726	5.726	0.000	95340345	0.0264			
						RPD = 2.95			
11 delta-BHC									
1	100	4.957	4.957	0.000	70701379	0.0273			
2	100	6.292	6.292	0.000	207159463	0.0262			
						RPD = 4.05			
22 Heptachlor									
1	100	5.243	5.243	0.000	67803001	0.0278			
2	100	6.394	6.394	0.000	192100308	0.0269			
						RPD = 3.37			
4 Aldrin									
1	100	5.705	5.705	0.000	79080833	0.0267			
2	100	7.130	7.130	0.000	212581974	0.0259			
						RPD = 2.95			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	67605641	0.0274			
2	100	8.603	8.603	0.000	181645390	0.0266			
						RPD = 3.09			
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	71578901	0.0271			
2	100	9.024	9.024	0.000	184111406	0.0264			
						RPD = 2.50			
6 alpha-Chlordane									
1	100	7.623	7.623	0.000	73477159	0.0271			
2	100	9.334	9.334	0.000	185454175	0.0264			
						RPD = 2.73			
14 Endosulfan I									
1	100	7.896	7.896	0.000	64705942	0.0278			
2	100	9.396	9.396	0.000	154451497	0.0268			
						RPD = 3.54			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	77611943	0.0268			
2	100	9.785	9.785	0.000	185887305	0.0258			
						RPD = 3.88			
13 Dieldrin									
1	100	8.455	8.455	0.000	66457693	0.0274			
2	100	9.926	9.926	0.000	167524437	0.0265			
						RPD = 3.12			
17 Endrin									M
1	100	8.908	8.908	0.000	62299800	0.0279			M
2	100	10.445	10.445	0.000	157287734	0.0270			
						RPD = 3.15			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	49525658	0.0276			
2	100	10.810	10.810	0.000	263481096	0.0269			
						RPD = 2.86			
15 Endosulfan II									
1	100	9.353	9.353	0.000	59747209	0.0282			
2	100	10.810	10.810	0.000	263481096	0.0269			
						RPD = 4.77			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	39680453	0.0279			
2	100	11.292	11.292	0.000	90883351	0.0273			
						RPD = 2.34			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	43691326	0.0278			
2	100	11.383	11.383	0.000	103634534	0.0271			
						RPD = 2.42			
27 Methoxychlor									
1	100	10.723	10.723	0.000	19257369	0.0283			
2	100	12.365	12.365	0.000	44406284	0.0267			
						RPD = 5.87			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	47741448	0.0276			
2	100	11.815	11.815	0.000	114847519	0.0266			
						RPD = 3.76			
19 Endrin ketone									
1	100	11.260	11.260	0.000	52279079	0.0276			
2	100	12.552	12.552	0.000	117830988	0.0269			
						RPD = 2.73			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	54709867	0.0265			
2	100	14.325	14.325	0.000	120111413	0.0254			
						RPD = 4.44			

QC Flag Legend

Review Flags
M - Manually Integrated

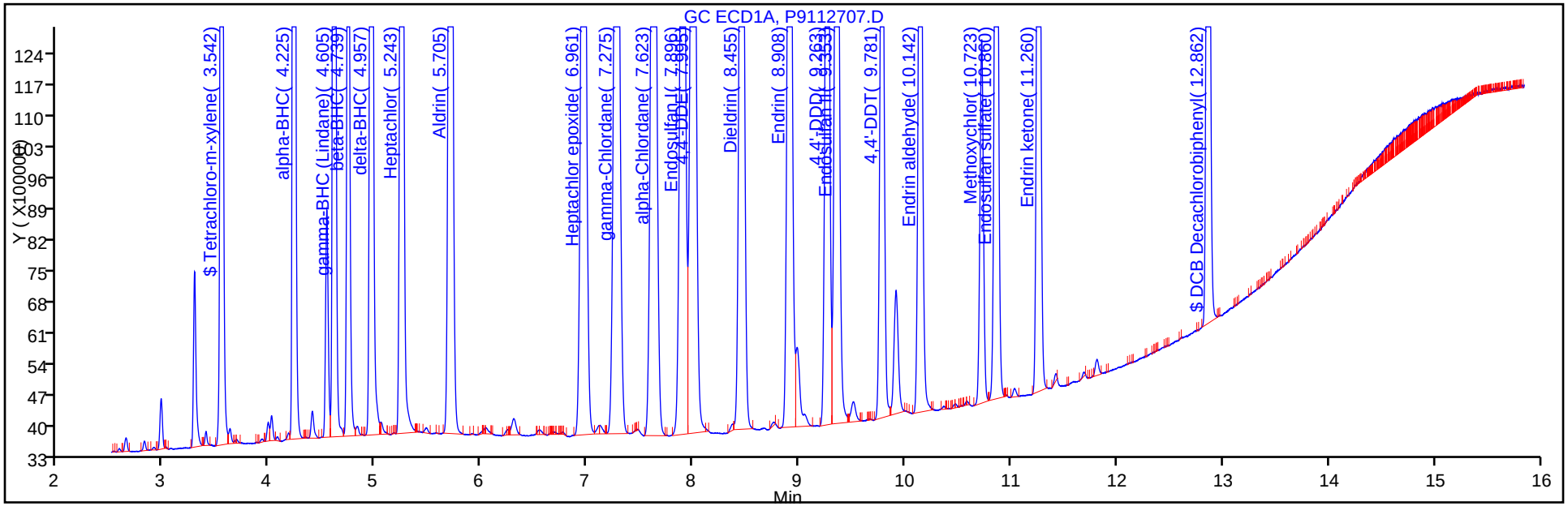
Report Date: 29-Nov-2012 09:55:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

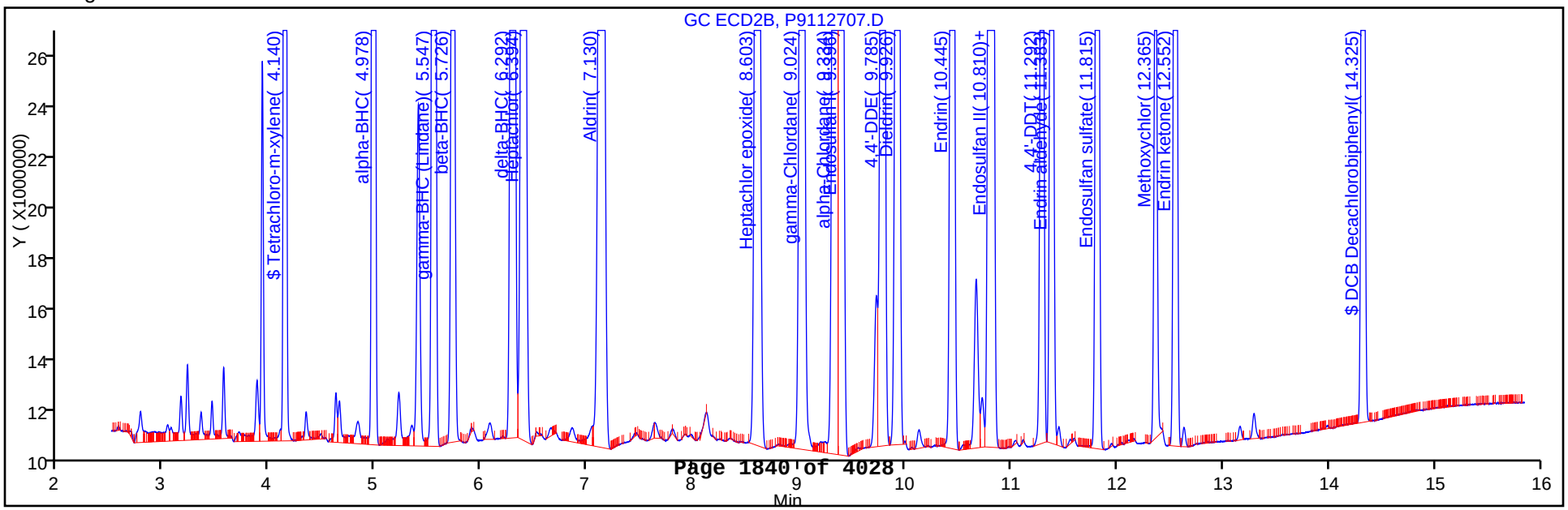
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112707.D

Injection Date:	28-Nov-2012 04:47:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112708.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 28-Nov-2012 05:11:37 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015316-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 66500 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:11 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.540	3.542	-0.002	120308300	0.0498			
2	100	4.141	4.140	0.001	349876507	0.0492			
						RPD = 1.17			
5 alpha-BHC									
1	100	4.224	4.225	-0.001	168246491	0.0531			
2	100	4.979	4.978	0.001	519423608	0.0523			
						RPD = 1.60			
20 gamma-BHC (Lindane)									
1	100	4.604	4.605	-0.001	142541536	0.0529			
2	100	5.547	5.547	0.000	428834821	0.0517			
						RPD = 2.22			
7 beta-BHC									
1	100	4.737	4.739	-0.002	60784519	0.0510			
2	100	5.727	5.726	0.001	176468462	0.0489			
						RPD = 4.09			
11 delta-BHC									
1	100	4.955	4.957	-0.002	135742987	0.0523			
2	100	6.292	6.292	0.000	404010292	0.0511			
						RPD = 2.48			
22 Heptachlor									
1	100	5.241	5.243	-0.002	127680749	0.0524			
2	100	6.394	6.394	0.000	360935532	0.0505			
						RPD = 3.59			
4 Aldrin									
1	100	5.702	5.705	-0.003	152469576	0.0514			
2	100	7.129	7.130	-0.001	413421508	0.0503			
						RPD = 2.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.957	6.961	-0.004	127476829	0.0517			
2	100	8.603	8.603	0.000	342800046	0.0502			
						RPD = 3.01			
21 gamma-Chlordane									
1	100	7.270	7.275	-0.005	136108350	0.0515			
2	100	9.024	9.024	0.000	349561742	0.0502			
						RPD = 2.66			
6 alpha-Chlordane									
1	100	7.619	7.623	-0.004	138438807	0.0510			
2	100	9.333	9.334	-0.001	349426426	0.0496			
						RPD = 2.72			
14 Endosulfan I									
1	100	7.894	7.896	-0.002	118897646	0.0511			
2	100	9.395	9.396	-0.001	287158677	0.0499			
						RPD = 2.37			
2 4,4'-DDE									
1	100	7.991	7.995	-0.004	143606885	0.0496			
2	100	9.786	9.785	0.001	349697573	0.0485			
						RPD = 2.22			
13 Dieldrin									
1	100	8.452	8.455	-0.003	126120451	0.0519			
2	100	9.924	9.926	-0.002	319301367	0.0505			
						RPD = 2.68			
17 Endrin									
1	100	8.905	8.908	-0.003	113505434	0.0508			
2	100	10.444	10.445	-0.001	293523164	0.0504			
						RPD = 0.75			
1 4,4'-DDD									
1	100	9.259	9.263	-0.004	90234850	0.0504			
2	100	10.810	10.810	0.000	495476407	0.0505			
						RPD = 0.30			
15 Endosulfan II									
1	100	9.352	9.353	-0.001	105333851	0.0497			
2	100	10.810	10.810	0.000	495476407	0.0505			
						RPD = 1.68			
3 4,4'-DDT									
1	100	9.779	9.781	-0.002	74188574	0.0522			
2	100	11.291	11.292	-0.001	169067750	0.0508			
						RPD = 2.84			
18 Endrin aldehyde									
1	100	10.139	10.142	-0.003	80263512	0.0510			
2	100	11.383	11.383	0.000	188798122	0.0493			
						RPD = 3.25			
27 Methoxychlor									
1	100	10.720	10.723	-0.003	35097830	0.0516			
2	100	12.364	12.365	-0.001	86673844	0.0521			
						RPD = 0.98			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.859	10.860	-0.001	88030573	0.0510			
2	100	11.814	11.815	-0.001	215133295	0.0499			
						RPD = 2.19			
19 Endrin ketone									
1	100	11.258	11.260	-0.002	97151486	0.0513			
2	100	12.551	12.552	-0.001	221784391	0.0506			
						RPD = 1.45			
$ 10 DCB Decachlorobiphenyl									
1	100	12.860	12.862	-0.002	106216984	0.0515			
2	100	14.324	14.325	-0.001	235265158	0.0497			
						RPD = 3.56			

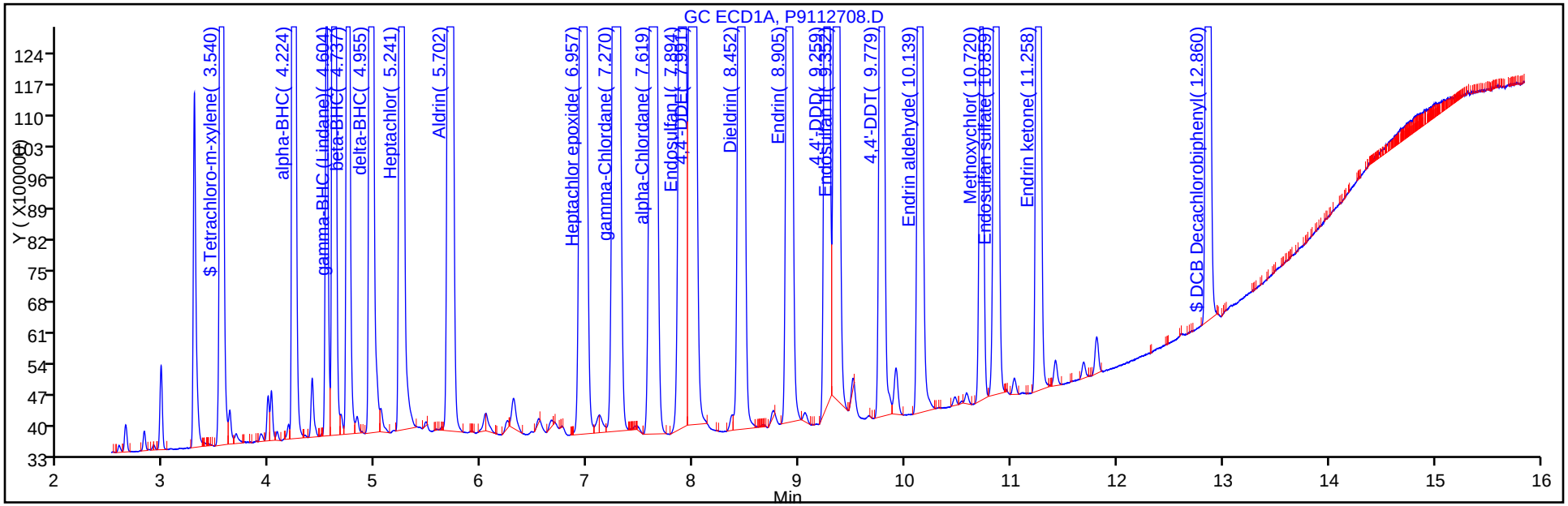
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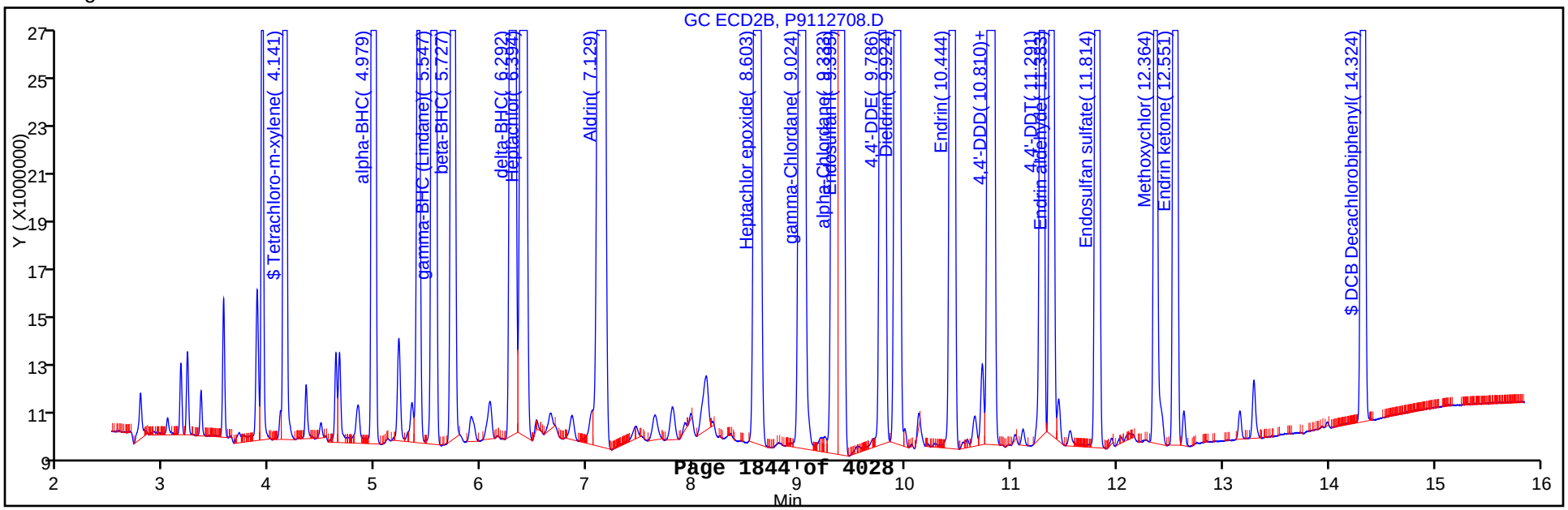
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Injection Date:	28-Nov-2012 05:11:37	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112709.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 28-Nov-2012 05:30:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015316-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 66500 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:13 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.535	3.542	-0.007	233043289	0.0965			
2	100	4.144	4.140	0.004	705568169	0.0993			
						RPD = 2.86			
5 alpha-BHC									
1	100	4.218	4.225	-0.007	321294010	0.1014			
2	100	4.979	4.978	0.001	1050625042	0.1057			
						RPD = 4.15			
20 gamma-BHC (Lindane)									
1	100	4.597	4.605	-0.008	268105436	0.0994			
2	100	5.548	5.547	0.001	836258205	0.1008			
						RPD = 1.39			
7 beta-BHC									
1	100	4.729	4.739	-0.010	114225893	0.0958			
2	100	5.727	5.726	0.001	340246151	0.0944			
						RPD = 1.53			
11 delta-BHC									
1	100	4.948	4.957	-0.009	270604940	0.1043			
2	100	6.292	6.292	0.000	842988777	0.1065			
						RPD = 2.08			
22 Heptachlor									
1	100	5.233	5.243	-0.010	237500162	0.0975			
2	100	6.394	6.394	0.000	684656663	0.0959			
						RPD = 1.63			
4 Aldrin									
1	100	5.693	5.705	-0.012	294664832	0.0993			
2	100	7.128	7.130	-0.002	818825596	0.0997			
						RPD = 0.36			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.946	6.961	-0.015	240402105	0.0975			
2	100	8.601	8.603	-0.002	664094904	0.0972			
						RPD = 0.32			
21 gamma-Chlordane									
1	100	7.257	7.275	-0.018	262785355	0.0995			
2	100	9.024	9.024	0.000	686632957	0.0985			
						RPD = 0.93			
6 alpha-Chlordane									
1	100	7.606	7.623	-0.017	265767351	0.0979			
2	100	9.331	9.334	-0.003	686124779	0.0975			
						RPD = 0.47			
14 Endosulfan I									
1	100	7.883	7.896	-0.013	225351773	0.0968			
2	100	9.394	9.396	-0.002	553586037	0.0961			
						RPD = 0.67			
2 4,4'-DDE									
1	100	7.981	7.995	-0.014	287944529	0.0995			
2	100	9.784	9.785	-0.001	727184219	0.1009			
						RPD = 1.42			
13 Dieldrin									
1	100	8.442	8.455	-0.013	238769123	0.0983			
2	100	9.924	9.926	-0.002	622149707	0.0985			
						RPD = 0.20			
17 Endrin									
1	100	8.896	8.908	-0.012	219329606	0.0982			
2	100	10.443	10.445	-0.002	567059158	0.0975			
						RPD = 0.77			
1 4,4'-DDD									
1	100	9.253	9.263	-0.010	179041064	0.0999			
2	100	10.809	10.810	-0.001	968165240	0.0987			
						RPD = 1.23			
15 Endosulfan II									
1	100	9.343	9.353	-0.010	205405499	0.0969			
2	100	10.809	10.810	-0.001	968165240	0.0987			
						RPD = 1.88			
3 4,4'-DDT									
1	100	9.772	9.781	-0.009	146524084	0.1032			
2	100	11.290	11.292	-0.002	341723801	0.1026			
						RPD = 0.53			
18 Endrin aldehyde									
1	100	10.133	10.142	-0.009	153274604	0.0974			
2	100	11.382	11.383	-0.001	367992078	0.0962			
						RPD = 1.21			
27 Methoxychlor									
1	100	10.713	10.723	-0.010	66368596	0.0976			
2	100	12.364	12.365	-0.001	166024602	0.0999			
						RPD = 2.27			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.853	10.860	-0.007	167836771	0.0972			
2	100	11.814	11.815	-0.001	430525250	0.0998			
						RPD = 2.66			
19 Endrin ketone									
1	100	11.254	11.260	-0.006	181236644	0.0957			
2	100	12.551	12.552	-0.001	428298026	0.0977			
						RPD = 2.01			
$ 10 DCB Decachlorobiphenyl									
1	100	12.857	12.862	-0.005	200449899	0.0972			
2	100	14.322	14.325	-0.003	457702306	0.0967			
						RPD = 0.51			

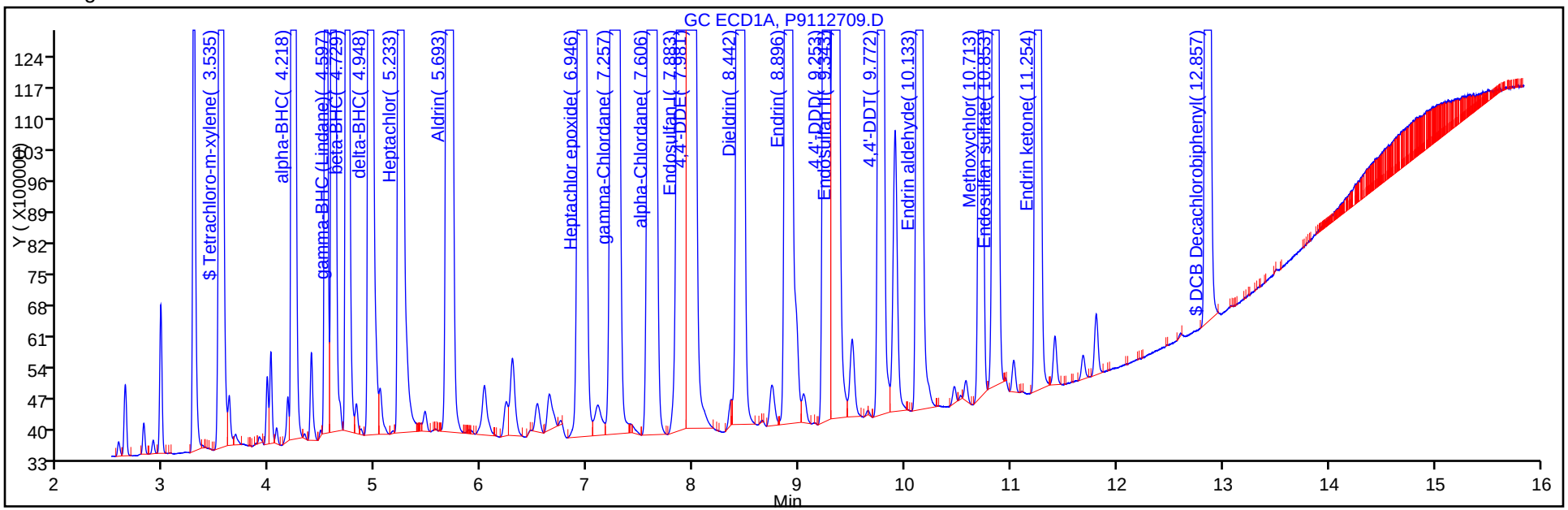
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TestAmerica Canton

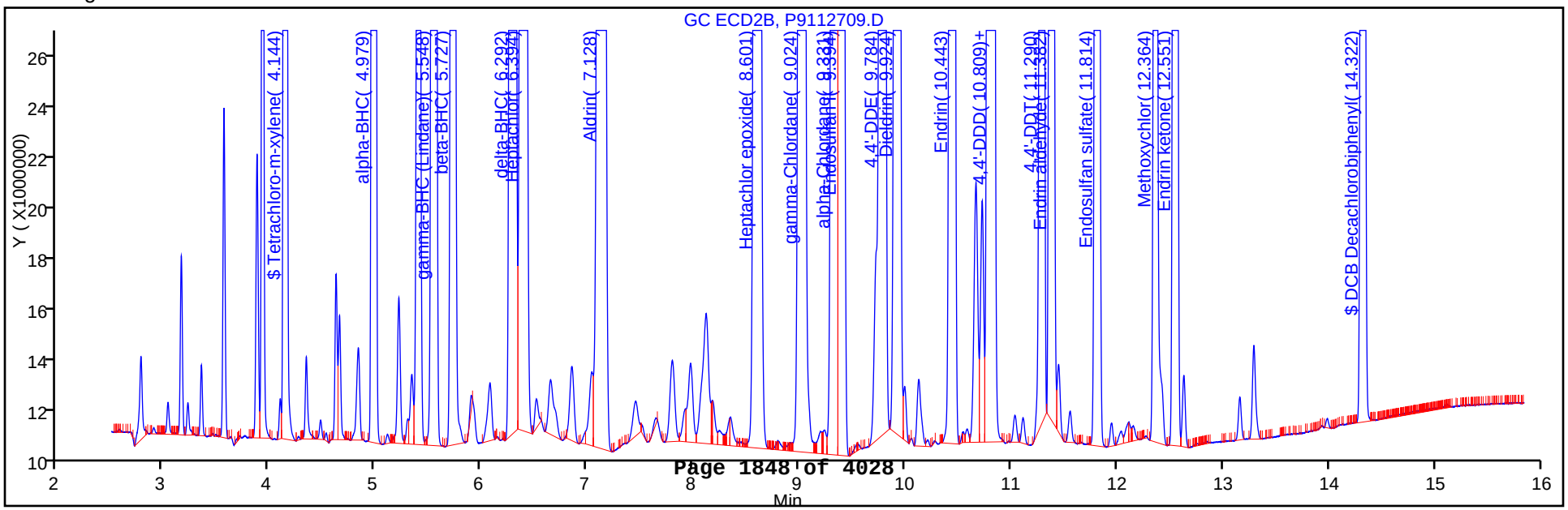
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Injection Date:	28-Nov-2012 05:30:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112710.D		
Lims ID:	STD AB L6	Client ID:	
Inject. Date:	28-Nov-2012 05:55:06	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015316-010		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	66500	Lims Sample ID:	10
Sublist:	chrom-PEST9*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 09:55:15	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	453303295	0.1876			
2	100	4.142	4.140	0.002	1448221556	0.2037			
						RPD = 8.23			
5 alpha-BHC									
1	100	4.225	4.225	0.000	645976390	0.2039			
2	100	4.980	4.978	0.002	2285367453	0.2299			
						RPD = 12.01			
20 gamma-BHC (Lindane)									
1	100	4.604	4.605	-0.001	547873505	0.2032			
2	100	5.548	5.547	0.001	1806076915	0.2178			
						RPD = 6.92			
7 beta-BHC									
1	100	4.737	4.739	-0.002	232044158	0.1946			
2	100	5.727	5.726	0.001	707677990	0.1963			
						RPD = 0.83			
11 delta-BHC									
1	100	4.955	4.957	-0.002	561318018	0.2164			
2	100	6.292	6.292	0.000	1848244996	0.2336			
						RPD = 7.62			
22 Heptachlor									
1	100	5.243	5.243	0.000	472352159	0.1938			
2	100	6.394	6.394	0.000	1409699760	0.1974			
						RPD = 1.83			
4 Aldrin									
1	100	5.703	5.705	-0.002	580677178	0.1957			
2	100	7.131	7.130	0.001	1679176514	0.2044			
						RPD = 4.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.959	6.961	-0.002	467013104	0.1894			
2	100	8.604	8.603	0.001	1344707940	0.1968			
						RPD = 3.83			
21 gamma-Chlordane									
1	100	7.270	7.275	-0.005	532845994	0.2017			
2	100	9.025	9.024	0.001	1446103331	0.2075			
						RPD = 2.86			
6 alpha-Chlordane									
1	100	7.621	7.623	-0.002	540294147	0.1991			
2	100	9.335	9.334	0.001	1435449896	0.2040			
						RPD = 2.40			
14 Endosulfan I									
1	100	7.895	7.896	-0.001	441726686	0.1897			
2	100	9.395	9.396	-0.001	1114942430	0.1936			
						RPD = 2.04			
2 4,4'-DDE									
1	100	7.994	7.995	-0.001	573706412	0.1982			
2	100	9.786	9.785	0.001	1488391863	0.2065			
						RPD = 4.11			
13 Dieldrin									
1	100	8.452	8.455	-0.003	474575217	0.1954			
2	100	9.925	9.926	-0.001	1279814987	0.2026			
						RPD = 3.63			
17 Endrin									
1	100	8.905	8.908	-0.003	421931840	0.1889			
2	100	10.445	10.445	0.000	1175172336	0.2020			
						RPD = 6.67			
1 4,4'-DDD									
1	100	9.260	9.263	-0.003	364468396	0.2034			
2	100	10.810	10.810	0.000	2025798167	0.2065			
						RPD = 1.52			
15 Endosulfan II									
1	100	9.352	9.353	-0.001	409210791	0.1930			
2	100	10.810	10.810	0.000	2025798167	0.2065			
						RPD = 6.79			
3 4,4'-DDT									
1	100	9.778	9.781	-0.003	322124691	0.2268			
2	100	11.291	11.292	-0.001	782127021	0.2349			
						RPD = 3.50			
18 Endrin aldehyde									
1	100	10.140	10.142	-0.002	305452696	0.1940			
2	100	11.383	11.383	0.000	758873285	0.1984			
						RPD = 2.22			
27 Methoxychlor									
1	100	10.721	10.723	-0.002	137489775	0.2023			
2	100	12.365	12.365	0.000	354136490	0.2131			
						RPD = 5.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	344366445	0.1994			
2	100	11.815	11.815	0.000	929753170	0.2155			
						RPD = 7.77			
19 Endrin ketone									
1	100	11.259	11.260	-0.001	372090274	0.1966			
2	100	12.551	12.552	-0.001	916522247	0.2091			
						RPD = 6.15			
$ 10 DCB Decachlorobiphenyl									
1	100	12.860	12.862	-0.002	405785033	0.1968			
2	100	14.323	14.325	-0.002	974973426	0.2060			
						RPD = 4.58			

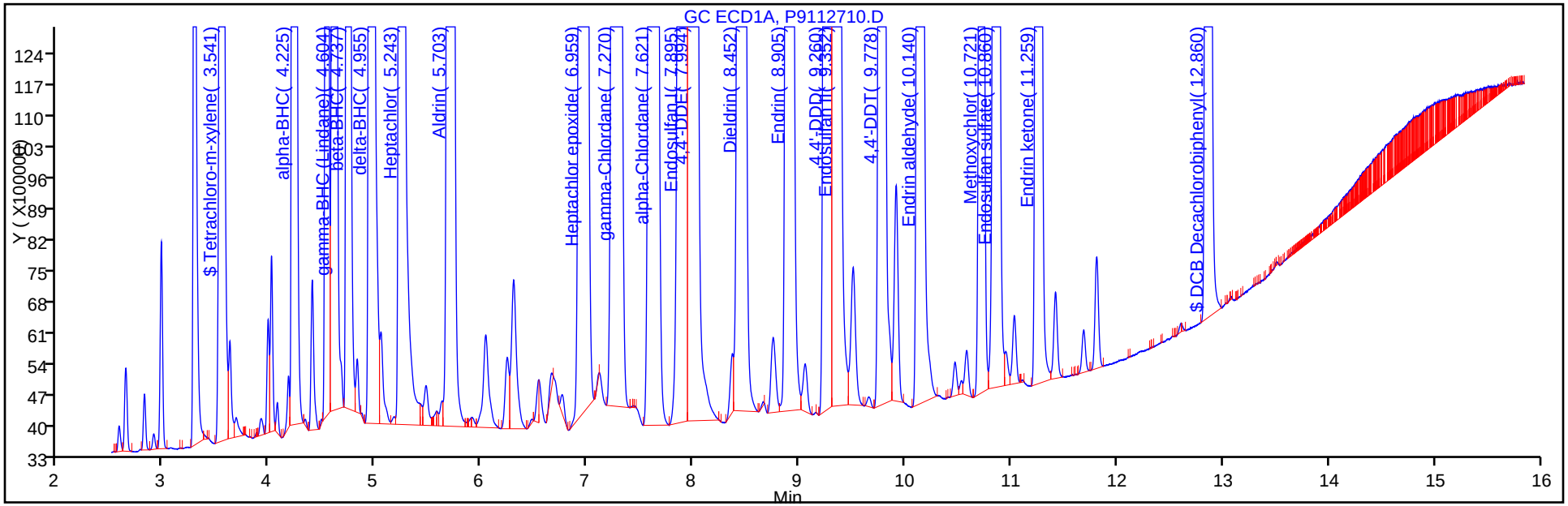
Report Date: 29-Nov-2012 09:55:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

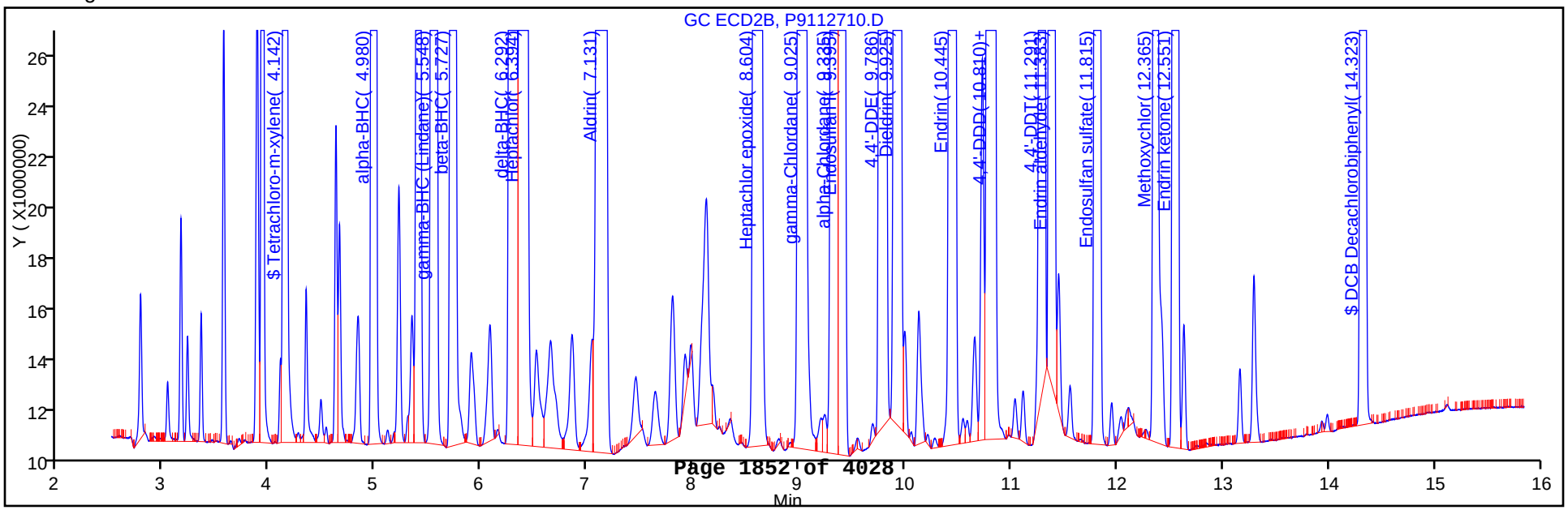
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112710.D

Injection Date:	28-Nov-2012 05:55:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 06:50 Calibration End Date: 11/28/2012 08:42 Calibration ID: 12536

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/12	P9112712.D
Level 2	STD 240-66500/13	P9112713.D
Level 3	STD 240-66500/14	P9112714.D
Level 4	STD 240-66500/15	P9112715.D
Level 5	STD 240-66500/16	P9112716.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Toxaphene Peak 1	9.483	9.483	9.486	9.484	9.485						9.453 - 9.513	9.484
Toxaphene Peak 2	10.025	10.026	10.024	10.022	10.026						9.993 - 10.053	10.025
Toxaphene Peak 3	10.090	10.091	10.091	10.089	10.094						10.061 - 10.121	10.091
Toxaphene Peak 4	10.673	10.672	10.671	10.672	10.672						10.641 - 10.701	10.672
Toxaphene Peak 5	11.233	11.235	11.236	11.234	11.236						11.203 - 11.263	11.235

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 06:50 Calibration End Date: 11/28/2012 08:42 Calibration ID: 12536

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/12	P9112712.D
Level 2	STD 240-66500/13	P9112713.D
Level 3	STD 240-66500/14	P9112714.D
Level 4	STD 240-66500/15	P9112715.D
Level 5	STD 240-66500/16	P9112716.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Toxaphene Peak 1	80950235 86881336	82753104	80907243	80284826	Ave		82355348.8				3.3		20.0			
Toxaphene Peak 2	82964865 81759889	83067658	77060439	78137229	Ave		80598016.0				3.5		20.0			
Toxaphene Peak 3	54663130 66004296	60911214	60423711	58572962	Ave		60115062.5				6.8		20.0			
Toxaphene Peak 4	74852935 85136678	81306668	77201216	77453284	Ave		79190156.0				5.1		20.0			
Toxaphene Peak 5	42325750 53808245	45373554	46432367	47516675	Ave		47091318.1				9.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 06:50 Calibration End Date: 11/28/2012 08:42 Calibration ID: 12536

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/12	P9112712.D
Level 2	STD 240-66500/13	P9112713.D
Level 3	STD 240-66500/14	P9112714.D
Level 4	STD 240-66500/15	P9112715.D
Level 5	STD 240-66500/16	P9112716.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	Ave	16190047	41376552	80907243	160569651	434406682	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 2	Ave	16592973	41533829	77060439	156274458	408799446	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 3	Ave	10932626	30455607	60423711	117145923	330021479	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 4	Ave	14970587	40653334	77201216	154906567	425683388	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 5	Ave	8465150	22686777	46432367	95033349	269041226	0.200	0.500	1.00	2.00	5.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D
Lims ID: STD TOX 1 Client ID:
Inject. Date: 28-Nov-2012 06:50:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015316-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 66500 Lims Sample ID: 12
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:19 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:40:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.483	9.483	0.000	16190047	0.1966		100.0	M
1	2	10.025	10.023	0.002	16592973	0.2059	75.2- 115.2	102.5	M
1	3	10.090	10.091	-0.001	10932626	0.1819	54.7- 94.7	67.5	M
1	4	10.673	10.671	0.002	14970587	0.1890	75.4- 115.4	92.5	M
1	5	11.233	11.233	0.000	8465150	0.1798	37.4- 77.4	52.3	M
			Average of Peak Amounts =			0.1906			
2	100	10.379	10.382	-0.003	42205034	0.2183		100.0	M
2	2	11.400	11.399	0.001	52217741	0.2075	108.0- 148.0	123.7	M
2	3	11.746	11.746	0.000	18298378	0.1940	28.1- 68.1	43.4	M
2	4	12.149	12.148	0.001	36336407	0.1979	72.6- 112.6	86.1	M
2	5	12.536	12.535	0.001	11019761	0.1820	9.6- 49.6	26.1	M
			Average of Peak Amounts =			0.1999			
						RPD = 4.76			

QC Flag Legend

Review Flags
M - Manually Integrated

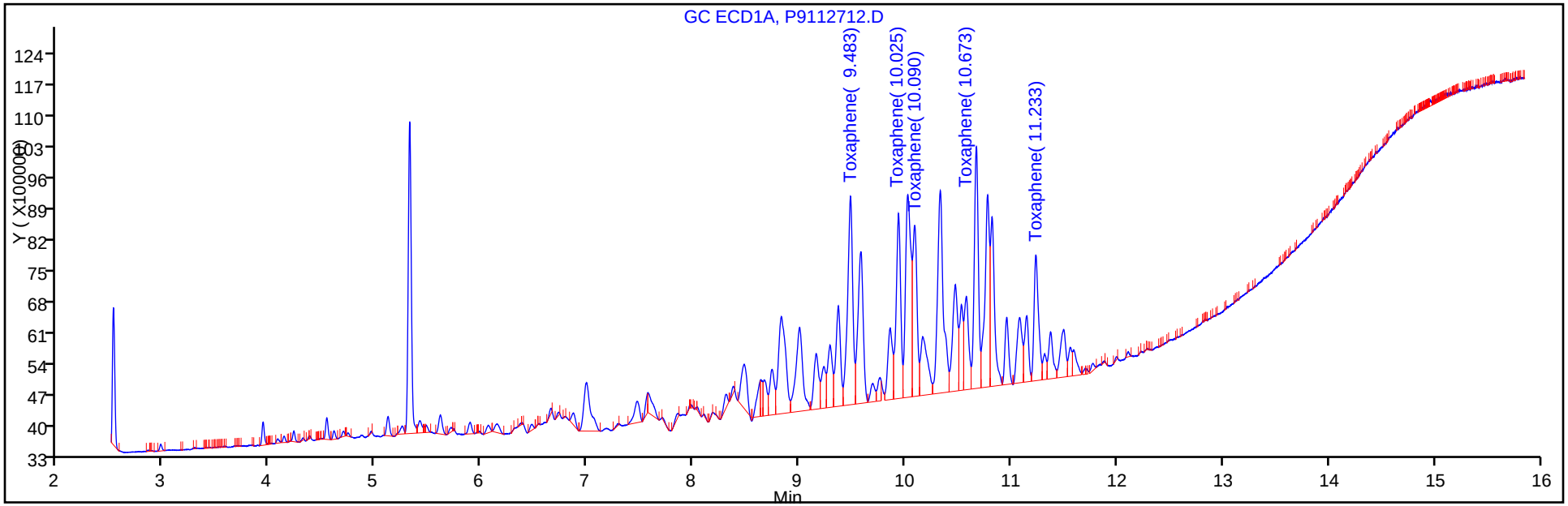
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

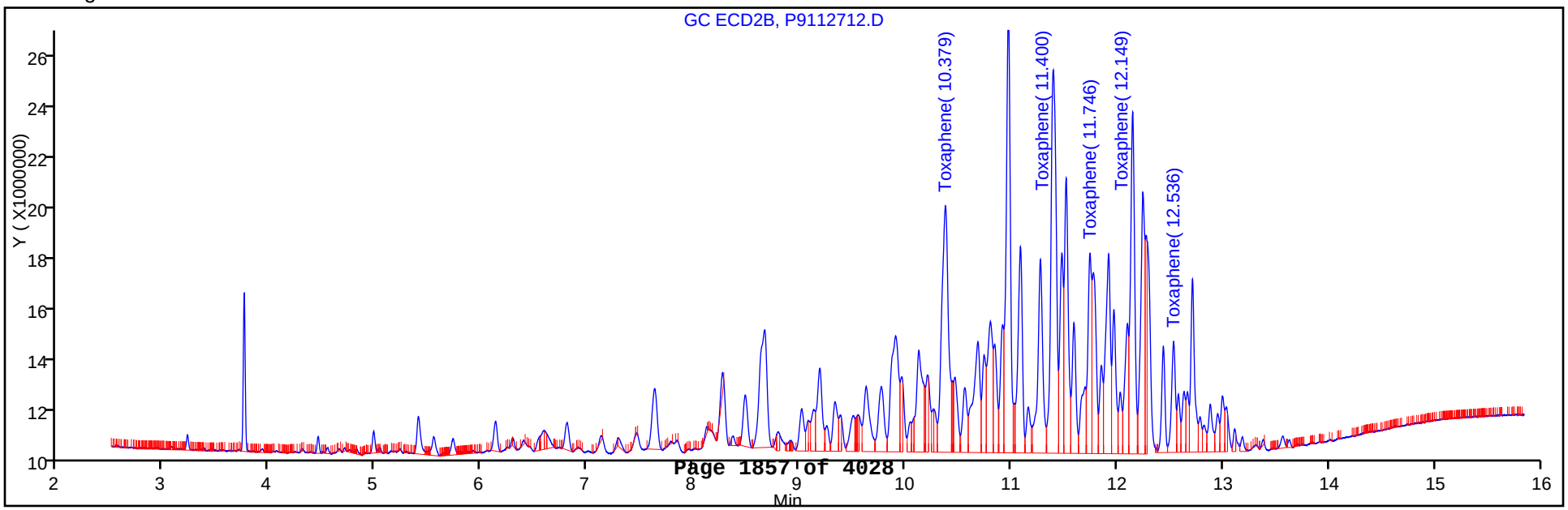
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

Injection Date:	28-Nov-2012 06:50:48	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



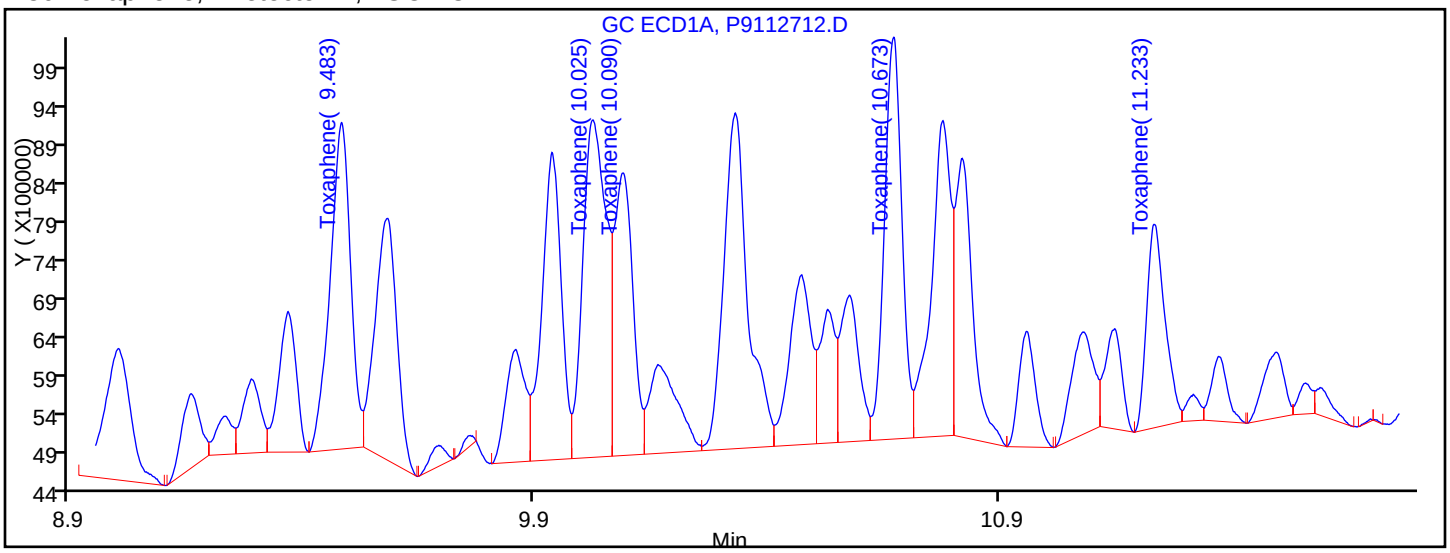
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

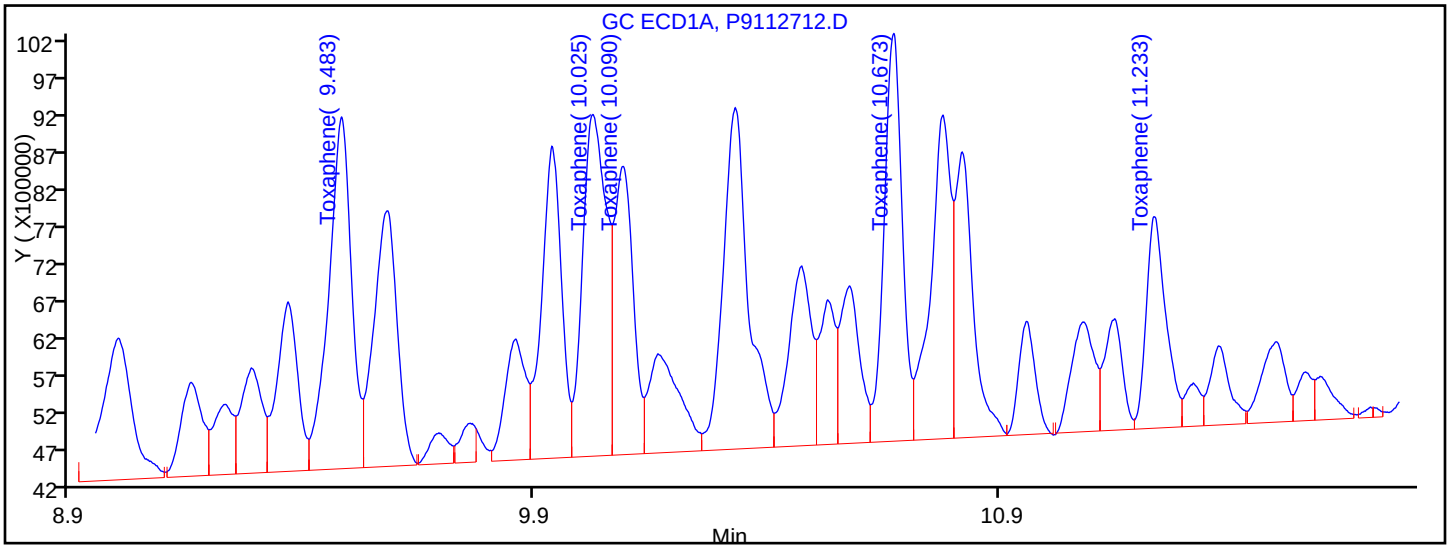
Injection Date:	28-Nov-2012 06:50:48	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.483	Response = 13166443	M
RT = 10.025	Response = 15781995	M
RT = 10.090	Response = 10271892	M
RT = 10.673	Response = 13886522	M
RT = 11.233	Response = 7379432	M



Manual Integration Results

RT = 9.483	Response = 16190047	M
RT = 10.025	Response = 16592973	M
RT = 10.090	Response = 10932626	M
RT = 10.673	Response = 14970587	M
RT = 11.233	Response = 8465150	M

Reviewer: vandorenc, 29-Nov-2012 09:40:57

Audit Action: Assigned New Baseline

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D		
Lims ID:	STD TOX2	Client ID:	
Inject. Date:	28-Nov-2012 07:18:24	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015316-013		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	66500	Lims Sample ID:	13
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 09:55:22	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:41:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.483	9.483	0.000	41376552	0.5024		100.0	
1	2	10.026	10.023	0.003	41533829	0.5153	75.2- 115.2	100.4	
1	3	10.091	10.091	0.000	30455607	0.5066	54.7- 94.7	73.6	
1	4	10.672	10.671	0.001	40653334	0.5134	75.4- 115.4	98.3	
1	5	11.235	11.233	0.002	22686777	0.4818	37.4- 77.4	54.8	
			Average of Peak Amounts =			0.5039			
2	100	10.381	10.382	-0.001	106930022	0.5531		100.0	M
2	2	11.397	11.399	-0.002	136078541	0.5407	108.0- 148.0	127.3	M
2	3	11.748	11.746	0.002	50065956	0.5307	28.1- 68.1	46.8	M
2	4	12.148	12.148	0.000	98032016	0.5339	72.6- 112.6	91.7	M
2	5	12.535	12.535	0.000	32975098	0.5445	9.6- 49.6	30.8	M
			Average of Peak Amounts =			0.5406			
						RPD = 7.02			

QC Flag Legend

Review Flags
M - Manually Integrated

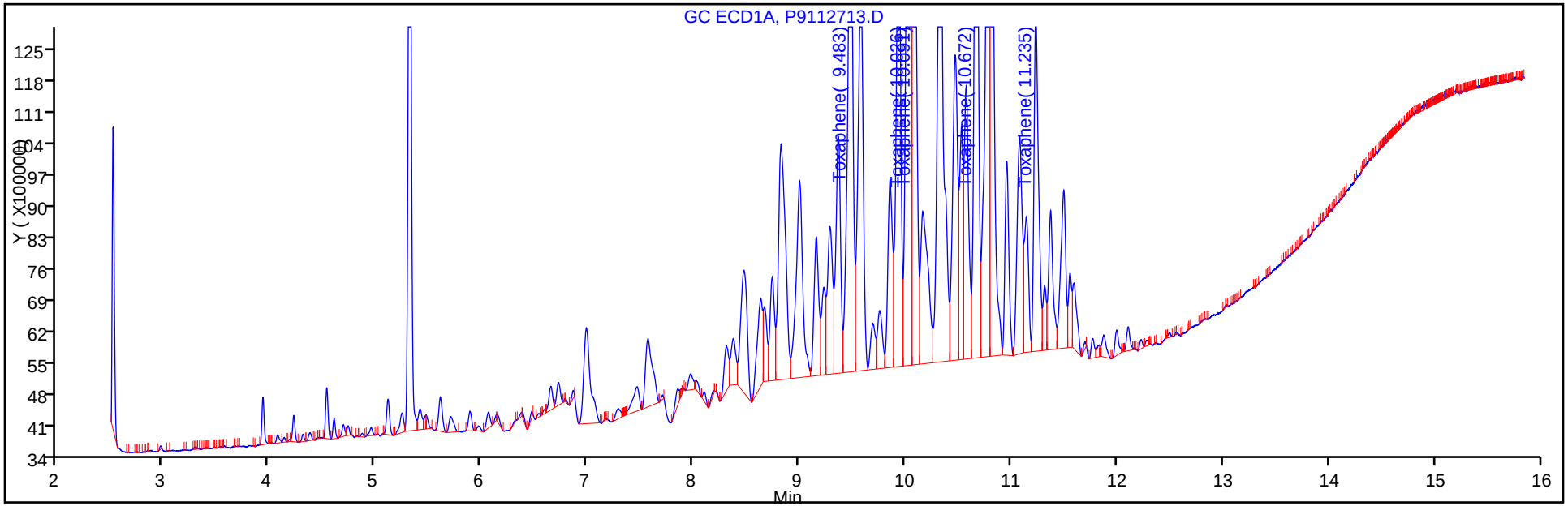
Report Date: 29-Nov-2012 09:55:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

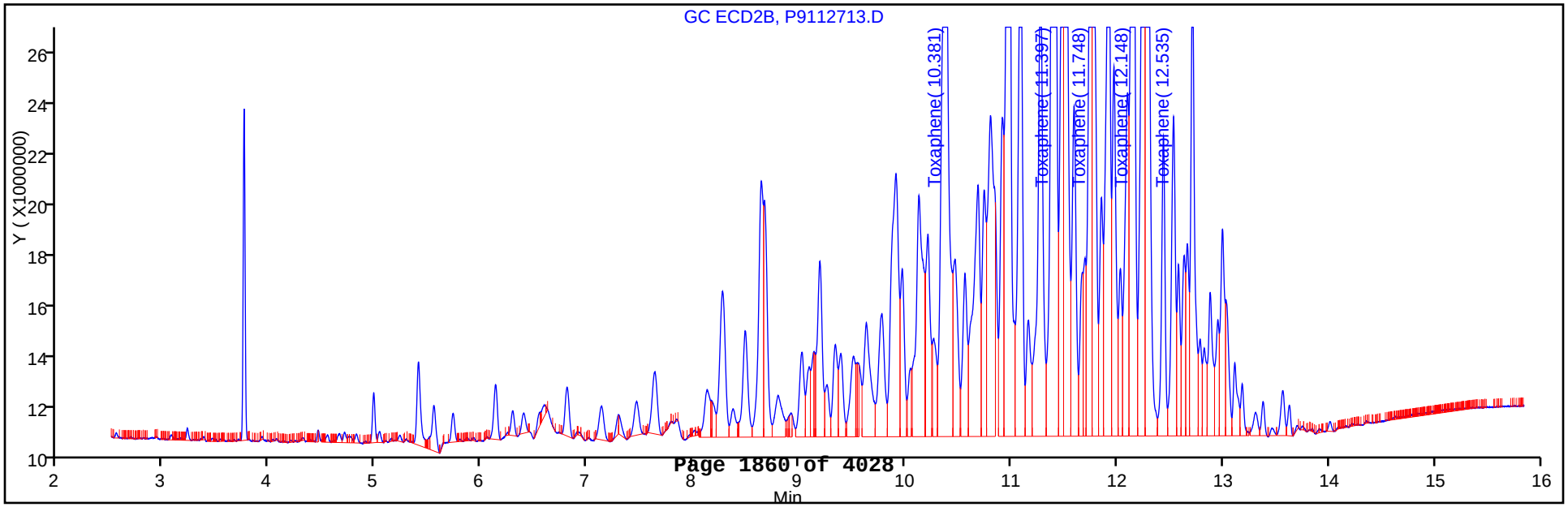
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D

Injection Date:	28-Nov-2012 07:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 28-Nov-2012 07:46:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015316-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66500 Lims Sample ID: 14
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:41:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.486	9.486	0.000	80907243	0.9824		100.0	M
1	2	10.024	10.024	0.000	77060439	0.9561	75.2- 115.2	95.2	M
1	3	10.091	10.091	0.000	60423711	1.01	54.7- 94.7	74.7	M
1	4	10.671	10.671	0.000	77201216	0.9749	75.4- 115.4	95.4	M
1	5	11.236	11.236	0.000	46432367	0.9860	37.4- 77.4	57.4	M
			Average of Peak Amounts =			0.9809			
2	100	10.382	10.382	0.000	182034158	0.9416		100.0	M
2	2	11.398	11.398	0.000	232967561	0.9257	108.0- 148.0	128.0	M
2	3	11.746	11.746	0.000	87578224	0.9283	28.1- 68.1	48.1	M
2	4	12.148	12.148	0.000	168652486	0.9185	72.6- 112.6	92.6	M
2	5	12.534	12.534	0.000	53896308	0.8899	9.6- 49.6	29.6	M
			Average of Peak Amounts =			0.9208			
						RPD = 6.32			

QC Flag Legend

Review Flags
M - Manually Integrated

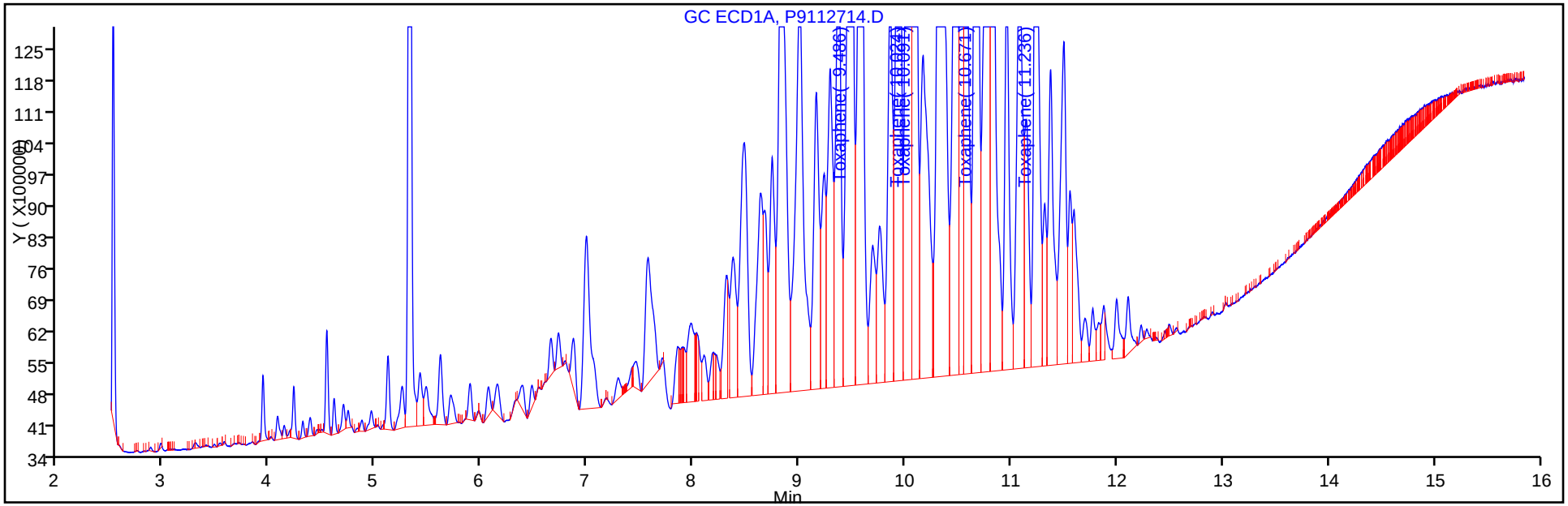
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

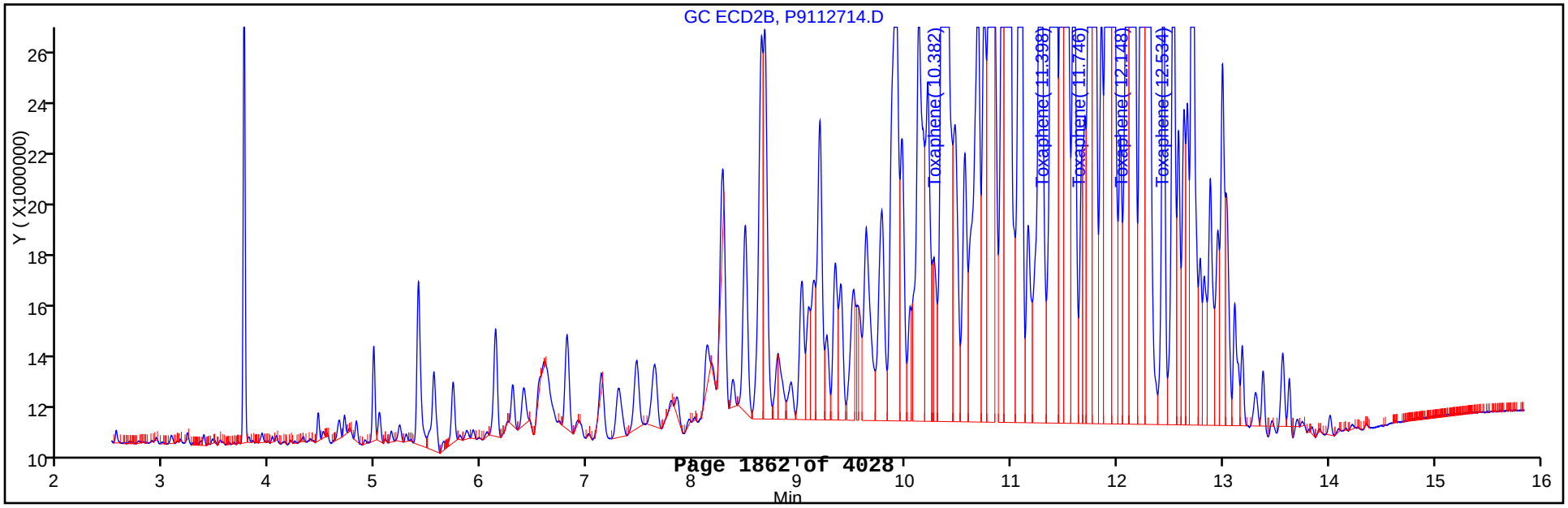
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

Injection Date:	28-Nov-2012 07:46:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



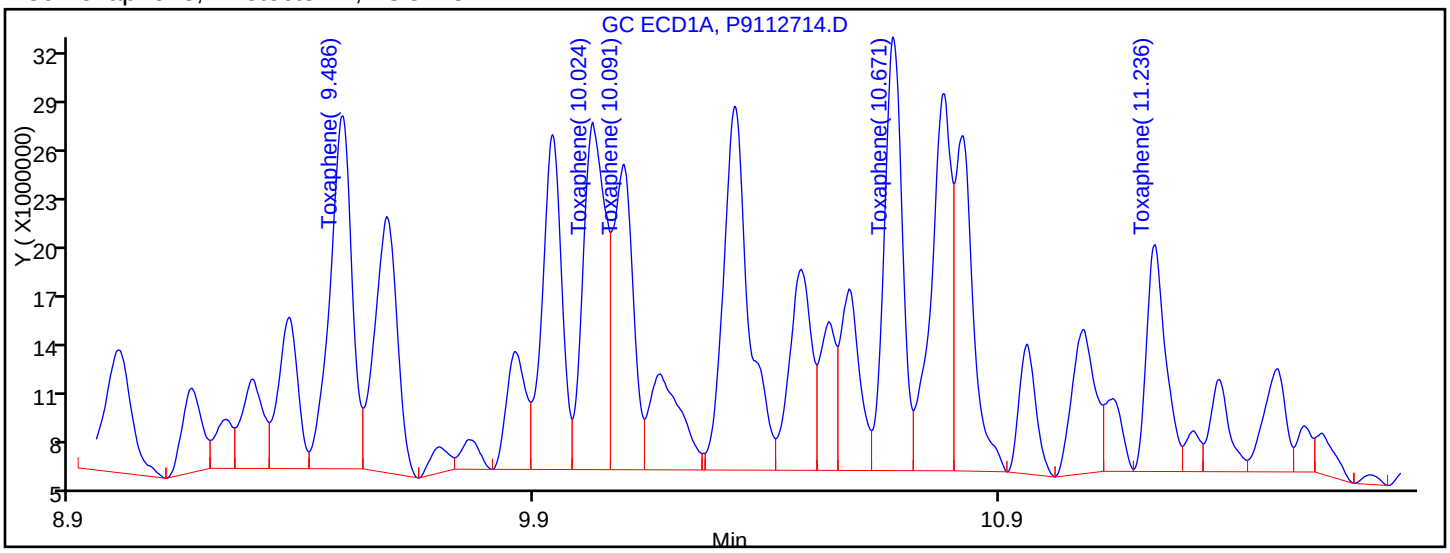
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

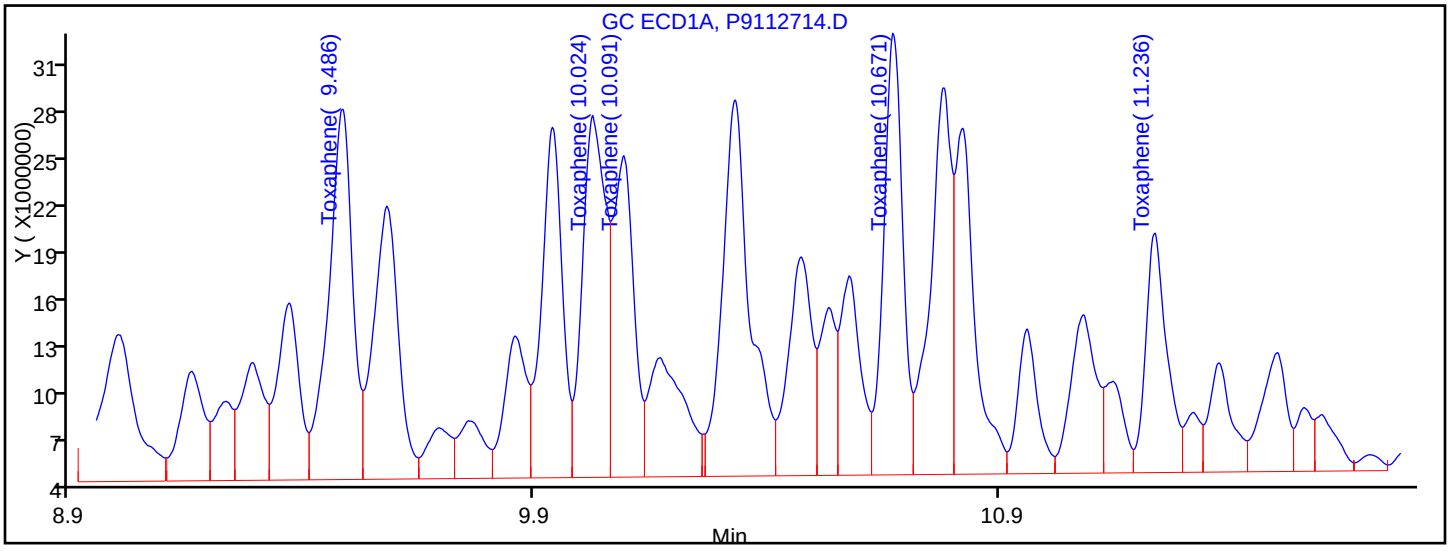
Injection Date:	28-Nov-2012 07:46:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.486	Response = 67959678	M
RT = 10.024	Response = 68741090	M
RT = 10.091	Response = 53142358	M
RT = 10.671	Response = 69286622	M
RT = 11.236	Response = 38329364	M



Manual Integration Results

RT = 9.486	Response = 80907243	M
RT = 10.024	Response = 77060439	M
RT = 10.091	Response = 60423711	M
RT = 10.671	Response = 77201216	M
RT = 11.236	Response = 46432367	M

Reviewer: vandorenc, 29-Nov-2012 09:41:33

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D		
Lims ID:	STD TOX4	Client ID:	
Inject. Date:	28-Nov-2012 08:14:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015316-015		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	66500	Lims Sample ID:	15
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 09:55:27	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:44:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.484	9.486	-0.002	160569651	1.95		100.0	M
1	2	10.022	10.024	-0.002	156274458	1.94	75.2- 115.2	97.3	M
1	3	10.089	10.091	-0.002	117145923	1.95	54.7- 94.7	73.0	M
1	4	10.672	10.671	0.001	154906567	1.96	75.4- 115.4	96.5	M
1	5	11.234	11.236	-0.002	95033349	2.02	37.4- 77.4	59.2	M
			Average of Peak Amounts =			1.96			
2	100	10.382	10.382	0.000	348824562	1.80		100.0	M
2	2	11.398	11.398	0.000	470139725	1.87	108.0- 148.0	134.8	M
2	3	11.746	11.746	0.000	179113237	1.90	28.1- 68.1	51.3	M
2	4	12.149	12.148	0.001	350034030	1.91	72.6- 112.6	100.3	M
2	5	12.534	12.534	0.000	117886645	1.95	9.6- 49.6	33.8	M
			Average of Peak Amounts =			1.88			
						RPD = 4.03			

QC Flag Legend

Review Flags
M - Manually Integrated

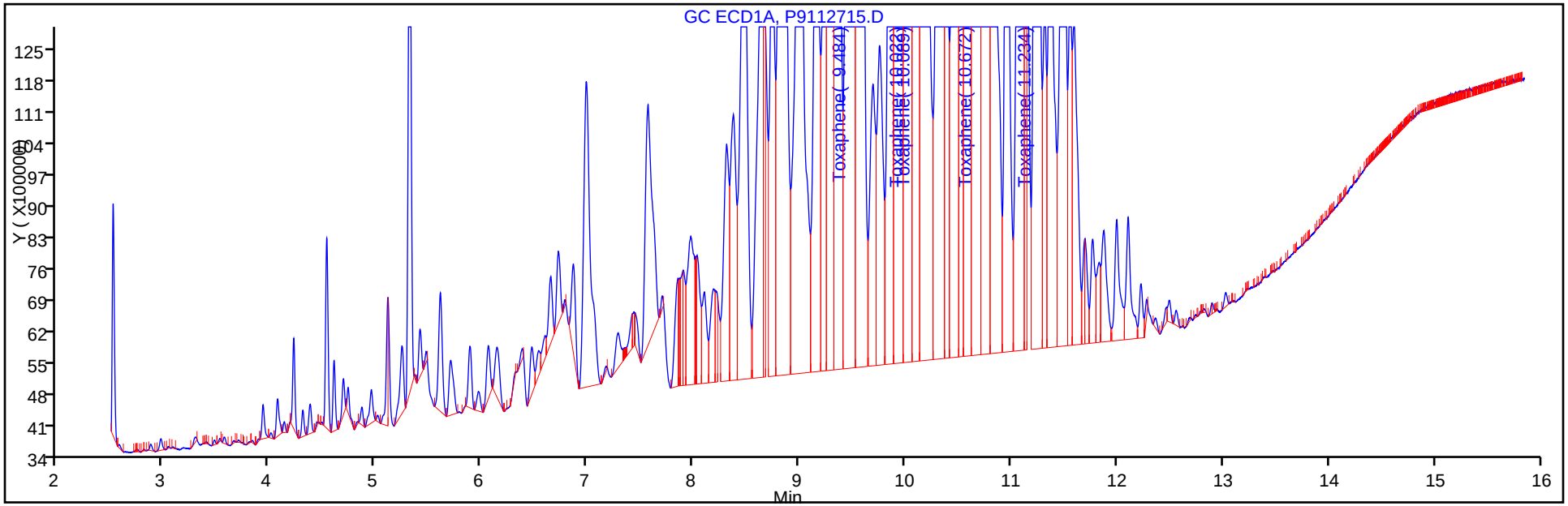
Report Date: 29-Nov-2012 09:55:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

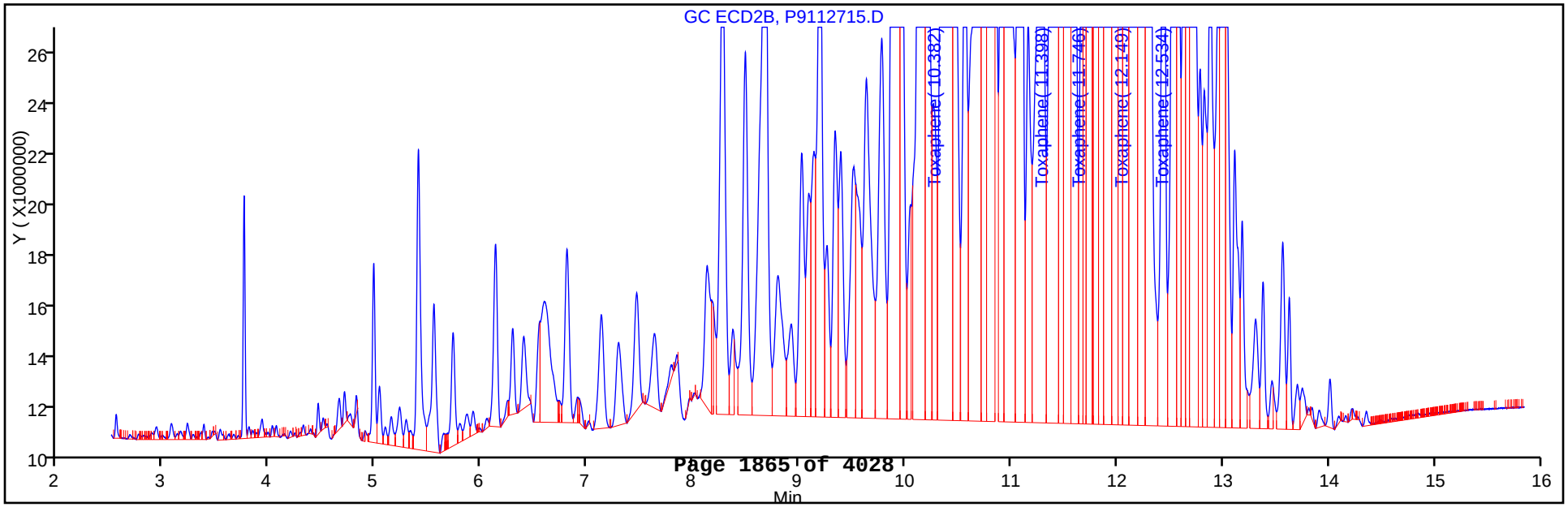
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

Injection Date:	28-Nov-2012 08:14:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



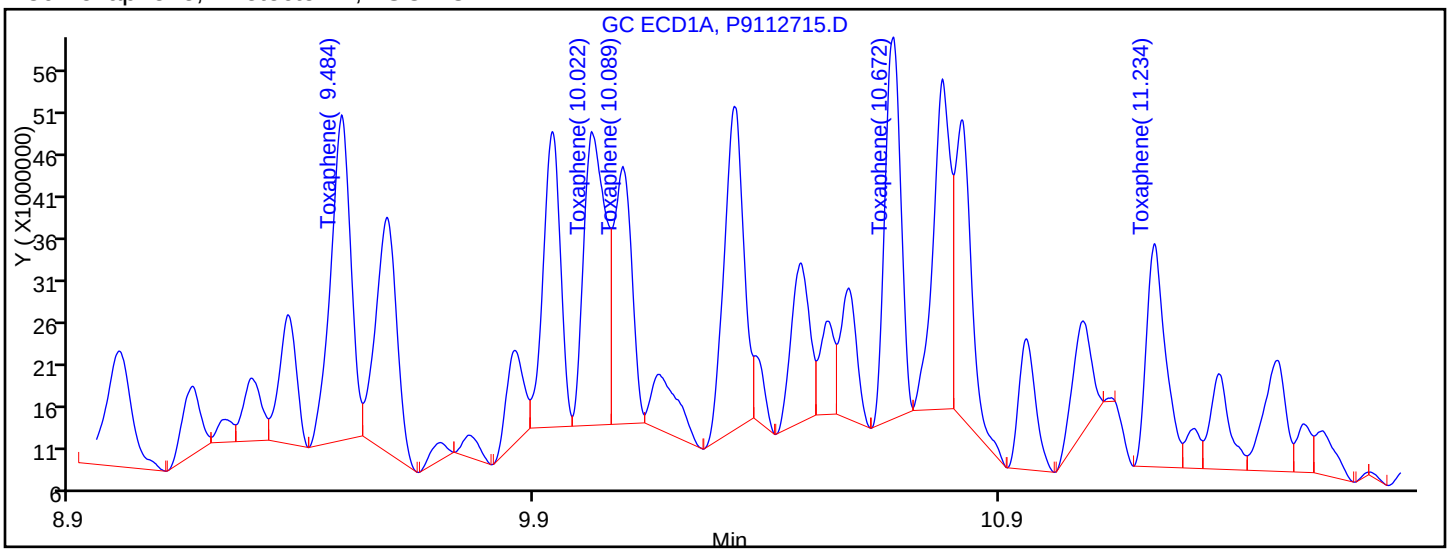
Report Date: 29-Nov-2012 09:55:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

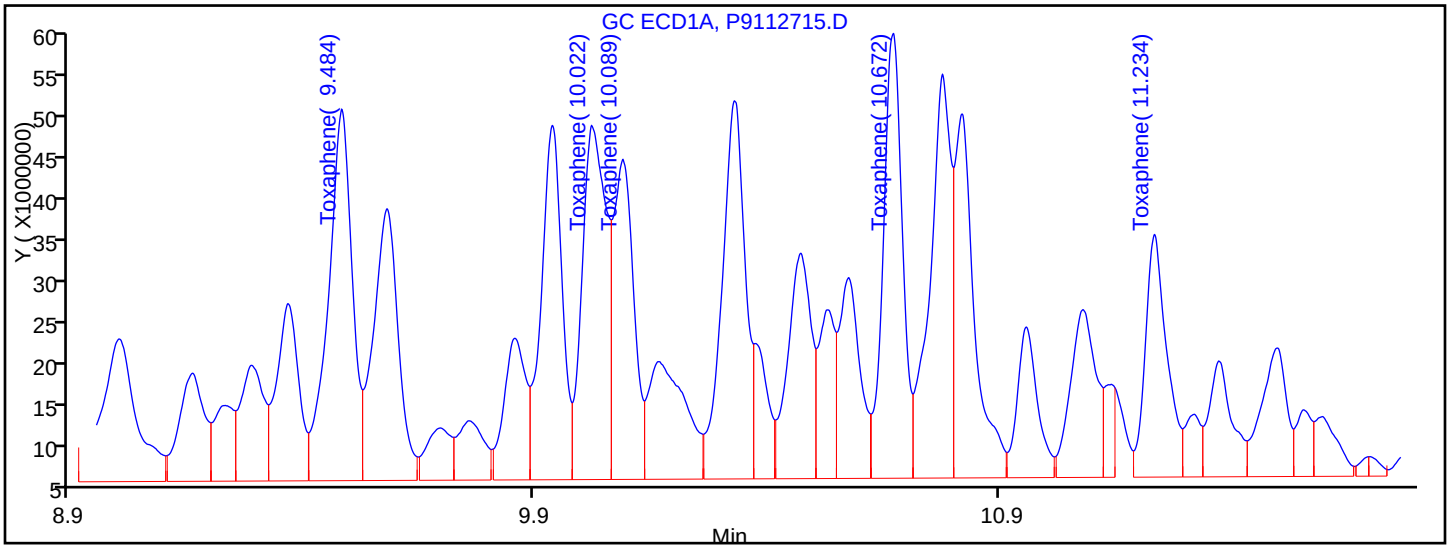
Injection Date:	28-Nov-2012 08:14:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.484	Response = 115596323	M
RT = 10.022	Response = 114545722	M
RT = 10.089	Response = 80855794	M
RT = 10.672	Response = 107394497	M
RT = 11.234	Response = 75599910	M



Manual Integration Results

RT = 9.484	Response = 160569651	M
RT = 10.022	Response = 156274458	M
RT = 10.089	Response = 117145923	M
RT = 10.672	Response = 154906567	M
RT = 11.234	Response = 95033349	M

Reviewer: vandorenc, 29-Nov-2012 09:44:18

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Lims ID:	STD TOX5	Client ID:	
Inject. Date:	28-Nov-2012 08:42:02	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015316-016		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	66500	Lims Sample ID:	16
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 09:55:29	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:44:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.485	9.486	-0.001	434406682	5.27		100.0	M
1	2	10.026	10.024	0.002	408799446	5.07	75.2- 115.2	94.1	M
1	3	10.094	10.091	0.003	330021479	5.49	54.7- 94.7	76.0	M
1	4	10.672	10.671	0.001	425683388	5.38	75.4- 115.4	98.0	M
1	5	11.236	11.236	0.000	269041226	5.71	37.4- 77.4	61.9	M
			Average of Peak Amounts =			5.39			
2	100	10.383	10.382	0.001	926576092	4.79		100.0	M
2	2	11.397	11.398	-0.001	1285442157	5.11	108.0- 148.0	138.7	M
2	3	11.747	11.746	0.001	514771352	5.46	28.1- 68.1	55.6	M
2	4	12.150	12.148	0.002	983492026	5.36	72.6- 112.6	106.1	M
2	5	12.535	12.534	0.001	344613683	5.69	9.6- 49.6	37.2	M
			Average of Peak Amounts =			5.28			
						RPD = 1.96			

QC Flag Legend

Review Flags
M - Manually Integrated

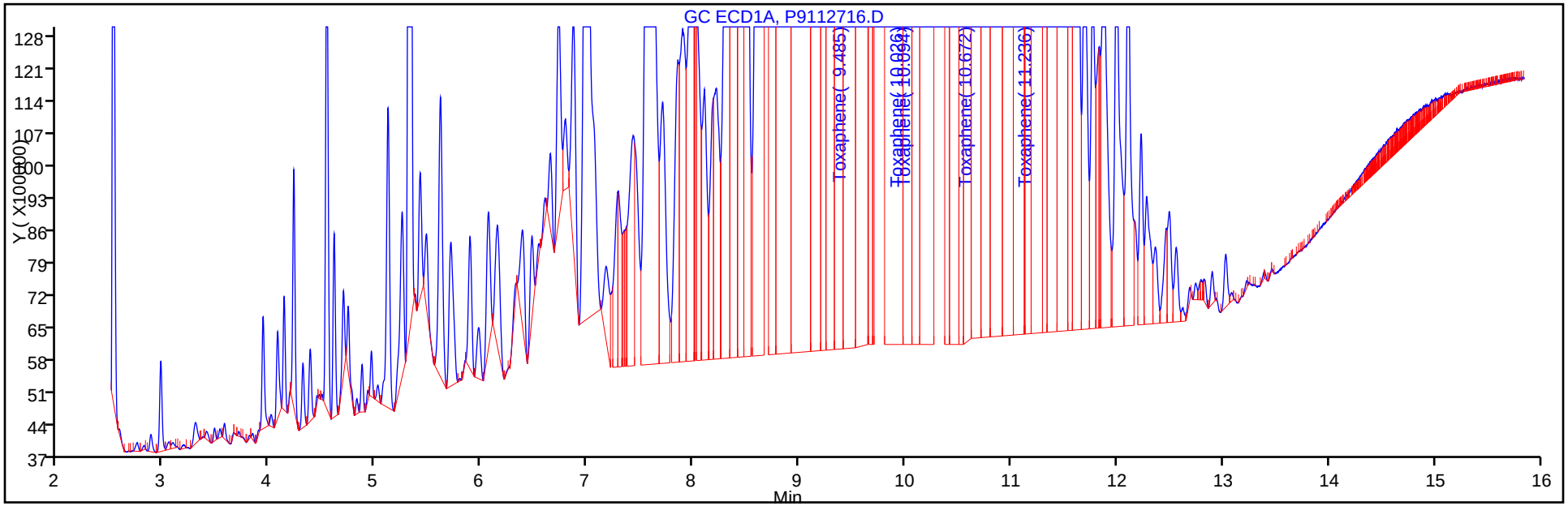
Report Date: 29-Nov-2012 09:55:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

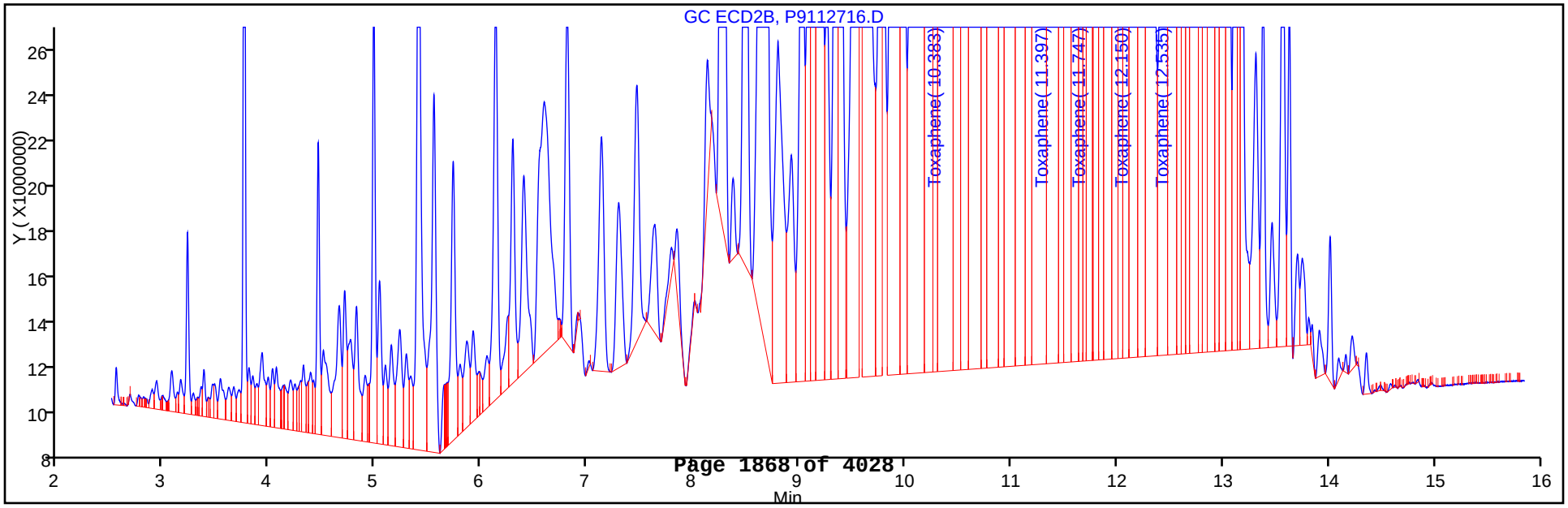
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

Injection Date:	28-Nov-2012 08:42:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



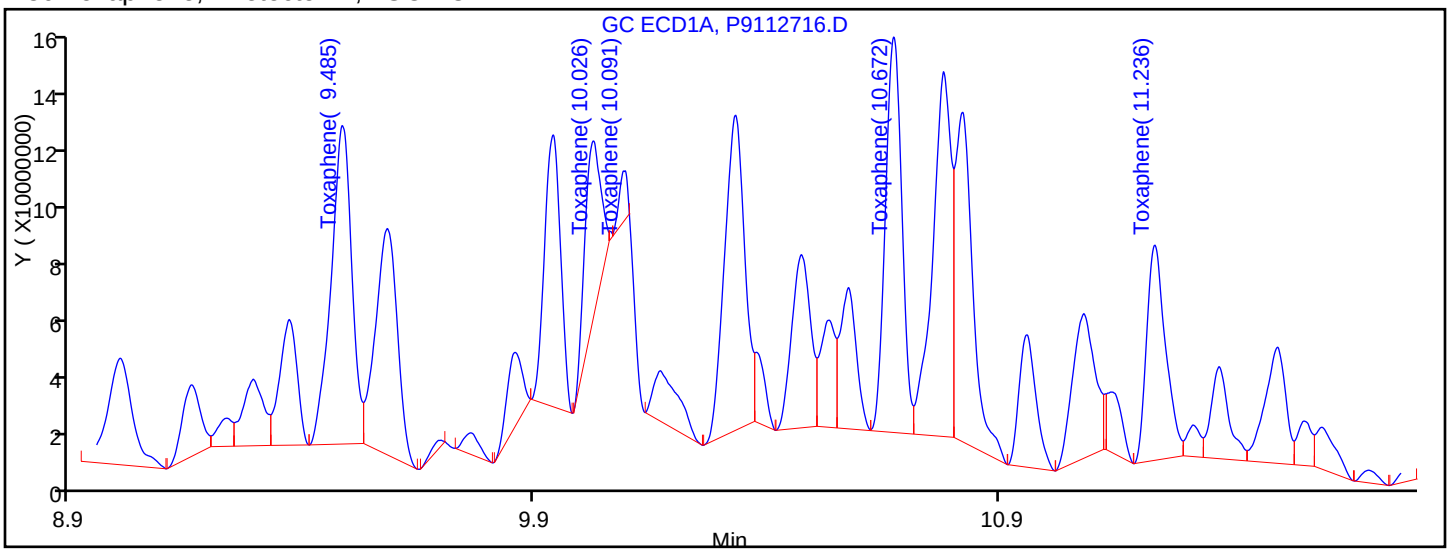
Report Date: 29-Nov-2012 09:55:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

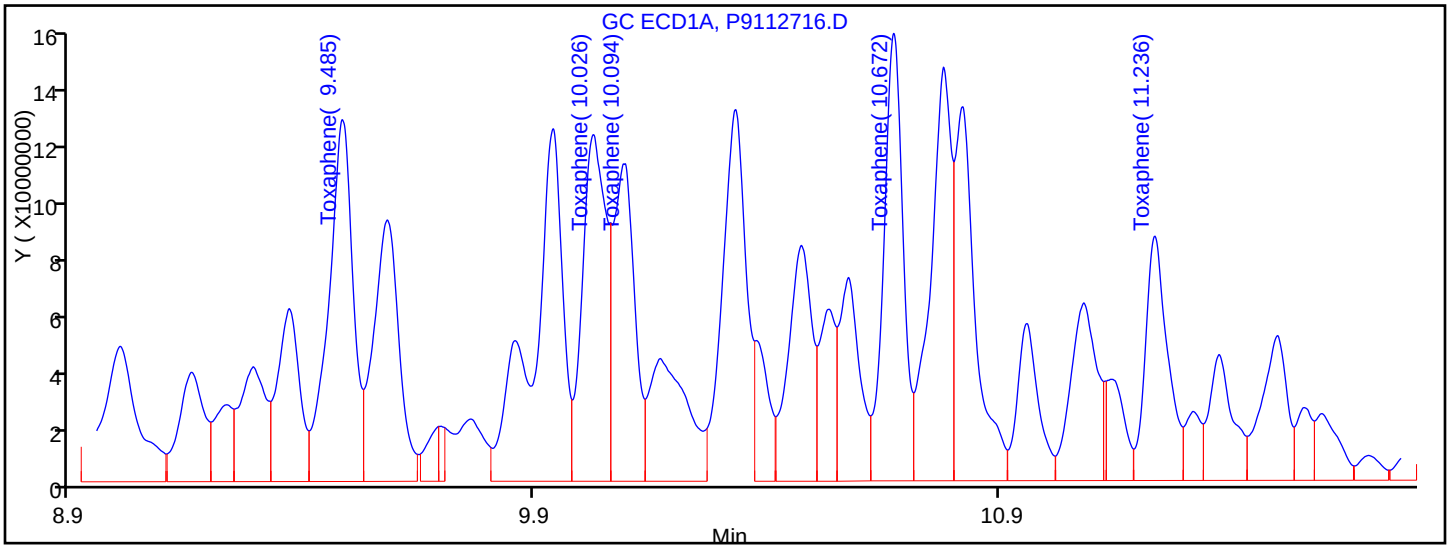
Injection Date:	28-Nov-2012 08:42:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.485	Response = 315878934	M
RT = 10.026	Response = 136588031	M
RT = 10.091	Response = 19641023	M
RT = 10.672	Response = 312692020	M
RT = 11.236	Response = 195237610	M



Manual Integration Results

RT = 9.485	Response = 434406682	M
RT = 10.026	Response = 408799446	M
RT = 10.094	Response = 330021479	M
RT = 10.672	Response = 425683388	M
RT = 11.236	Response = 269041226	M

Reviewer: vandorenc, 29-Nov-2012 09:44:43

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 06:50 Calibration End Date: 11/28/2012 08:42 Calibration ID: 12537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/12	P9112712.D
Level 2	STD 240-66500/13	P9112713.D
Level 3	STD 240-66500/14	P9112714.D
Level 4	STD 240-66500/15	P9112715.D
Level 5	STD 240-66500/16	P9112716.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Toxaphene Peak 1	10.379	10.381	10.382	10.382	10.383						10.352 - 10.412	10.381
Toxaphene Peak 2	11.400	11.397	11.398	11.398	11.397						11.369 - 11.429	11.398
Toxaphene Peak 3	11.746	11.748	11.746	11.746	11.747						11.716 - 11.776	11.747
Toxaphene Peak 4	12.149	12.148	12.148	12.149	12.150						12.118 - 12.178	12.149
Toxaphene Peak 5	12.536	12.535	12.534	12.534	12.535						12.505 - 12.565	12.535

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 06:50 Calibration End Date: 11/28/2012 08:42 Calibration ID: 12537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/12	P9112712.D
Level 2	STD 240-66500/13	P9112713.D
Level 3	STD 240-66500/14	P9112714.D
Level 4	STD 240-66500/15	P9112715.D
Level 5	STD 240-66500/16	P9112716.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Toxaphene Peak 1	211025170 185315218	213860044	182034158	174412281	Ave		193329374				9.3		20.0			
Toxaphene Peak 2	261088705 257088431	272157082	232967561	235069863	Ave		251674328				6.8		20.0			
Toxaphene Peak 3	91491890 102954270	100131912	87578224	89556619	Ave		94342583.0				7.2		20.0			
Toxaphene Peak 4	181682035 196698405	196064032	168652486	175017015	Ave		183622795				6.8		20.0			
Toxaphene Peak 5	55098805 68922737	65950196	53896308	58943322	Ave		60562273.6				11.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17422-1 Analy Batch No.: 66500

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 06:50 Calibration End Date: 11/28/2012 08:42 Calibration ID: 12537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-66500/12	P9112712.D
Level 2	STD 240-66500/13	P9112713.D
Level 3	STD 240-66500/14	P9112714.D
Level 4	STD 240-66500/15	P9112715.D
Level 5	STD 240-66500/16	P9112716.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	Ave	42205034	106930022	182034158	348824562	926576092	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 2	Ave	52217741	136078541	232967561	470139725	1285442157	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 3	Ave	18298378	50065956	87578224	179113237	514771352	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 4	Ave	36336407	98032016	168652486	350034030	983492026	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 5	Ave	11019761	32975098	53896308	117886645	344613683	0.200	0.500	1.00	2.00	5.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D
Lims ID: STD TOX 1 Client ID:
Inject. Date: 28-Nov-2012 06:50:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015316-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 66500 Lims Sample ID: 12
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:19 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:40:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.483	9.483	0.000	16190047	0.1966		100.0	M
1	2	10.025	10.023	0.002	16592973	0.2059	75.2- 115.2	102.5	M
1	3	10.090	10.091	-0.001	10932626	0.1819	54.7- 94.7	67.5	M
1	4	10.673	10.671	0.002	14970587	0.1890	75.4- 115.4	92.5	M
1	5	11.233	11.233	0.000	8465150	0.1798	37.4- 77.4	52.3	M
			Average of Peak Amounts =			0.1906			
2	100	10.379	10.382	-0.003	42205034	0.2183		100.0	M
2	2	11.400	11.399	0.001	52217741	0.2075	108.0- 148.0	123.7	M
2	3	11.746	11.746	0.000	18298378	0.1940	28.1- 68.1	43.4	M
2	4	12.149	12.148	0.001	36336407	0.1979	72.6- 112.6	86.1	M
2	5	12.536	12.535	0.001	11019761	0.1820	9.6- 49.6	26.1	M
			Average of Peak Amounts =			0.1999			
						RPD = 4.76			

QC Flag Legend

Review Flags
M - Manually Integrated

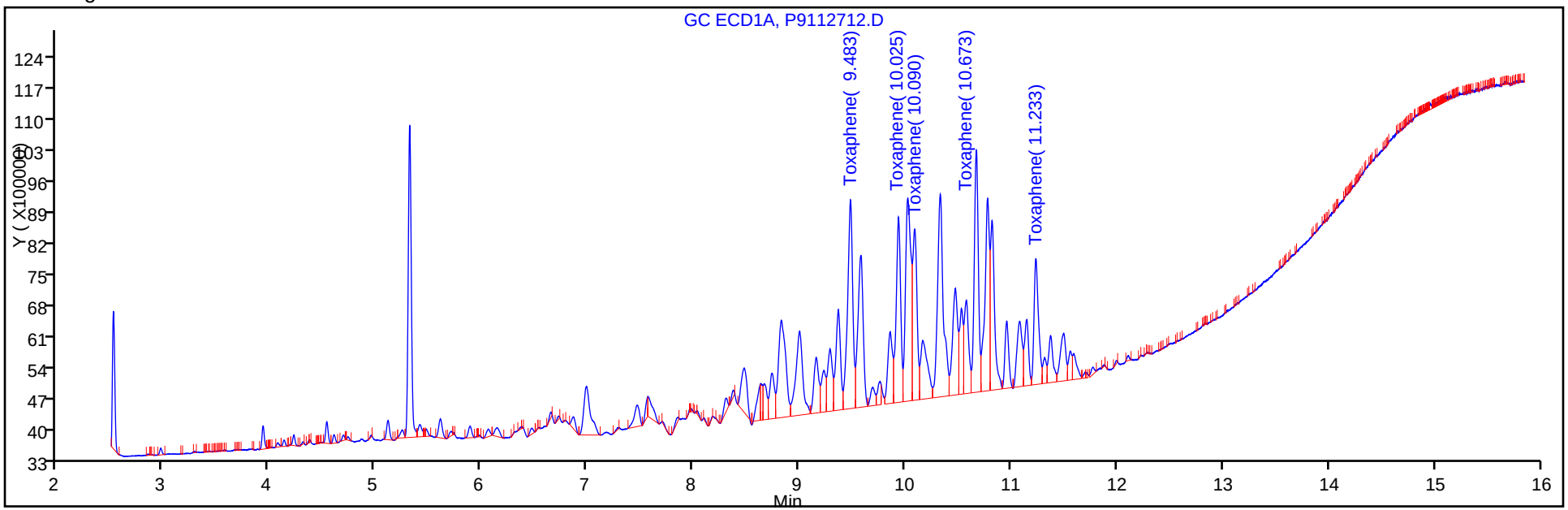
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

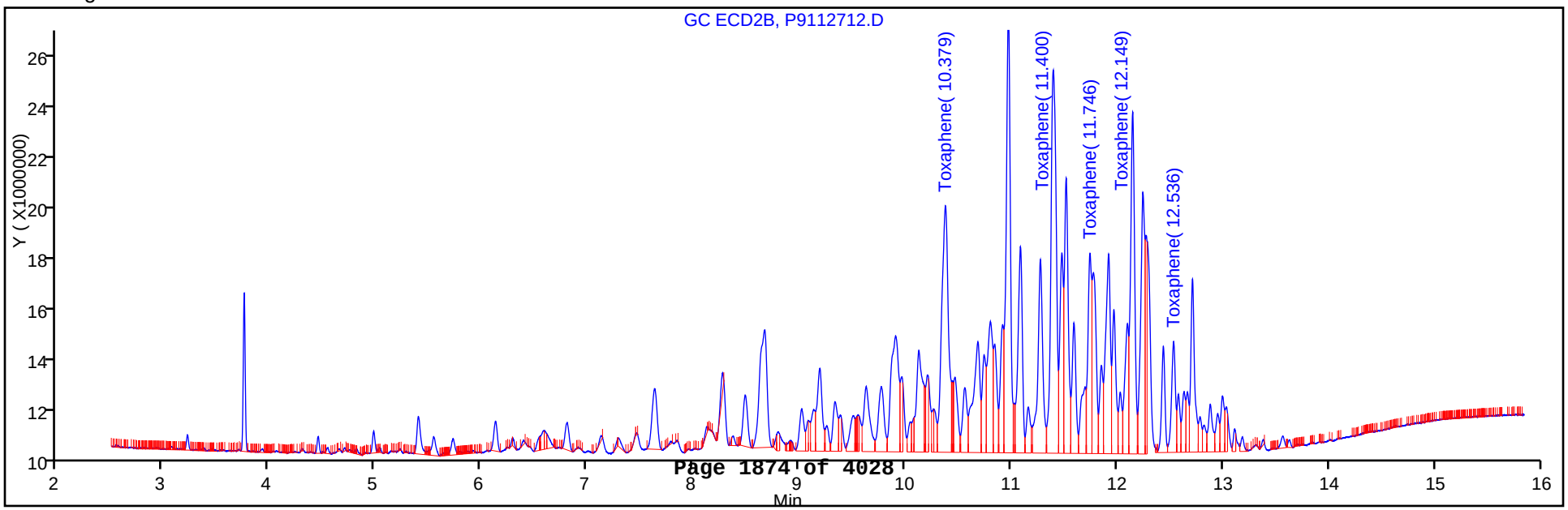
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

Injection Date:	28-Nov-2012 06:50:48	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



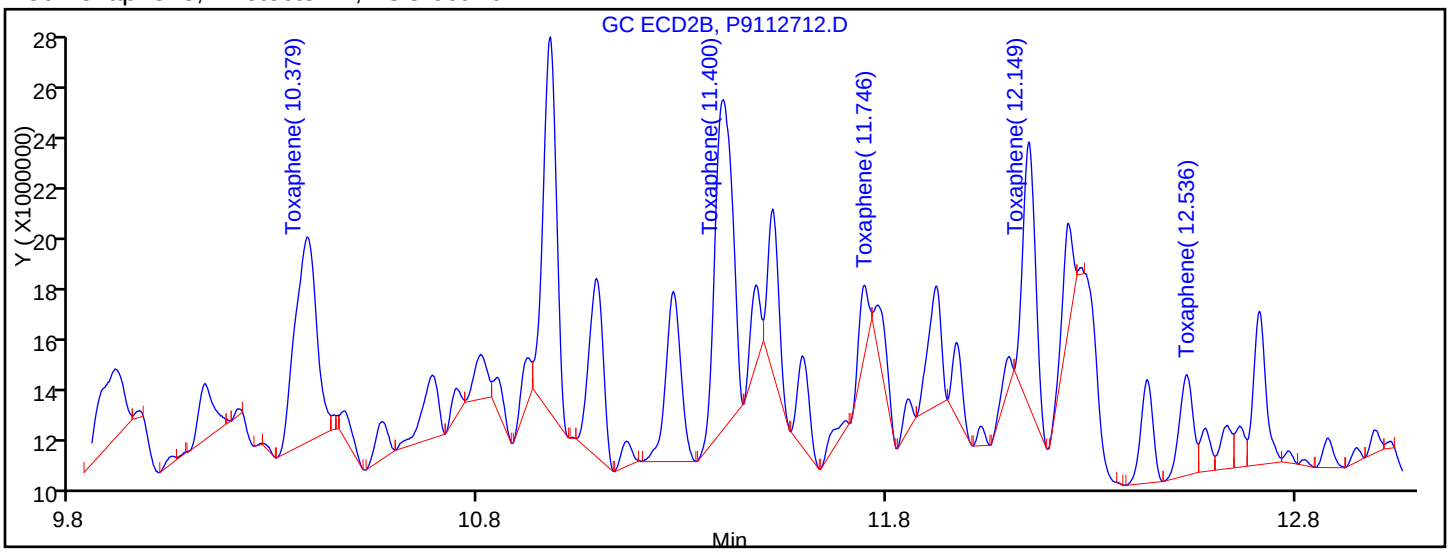
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

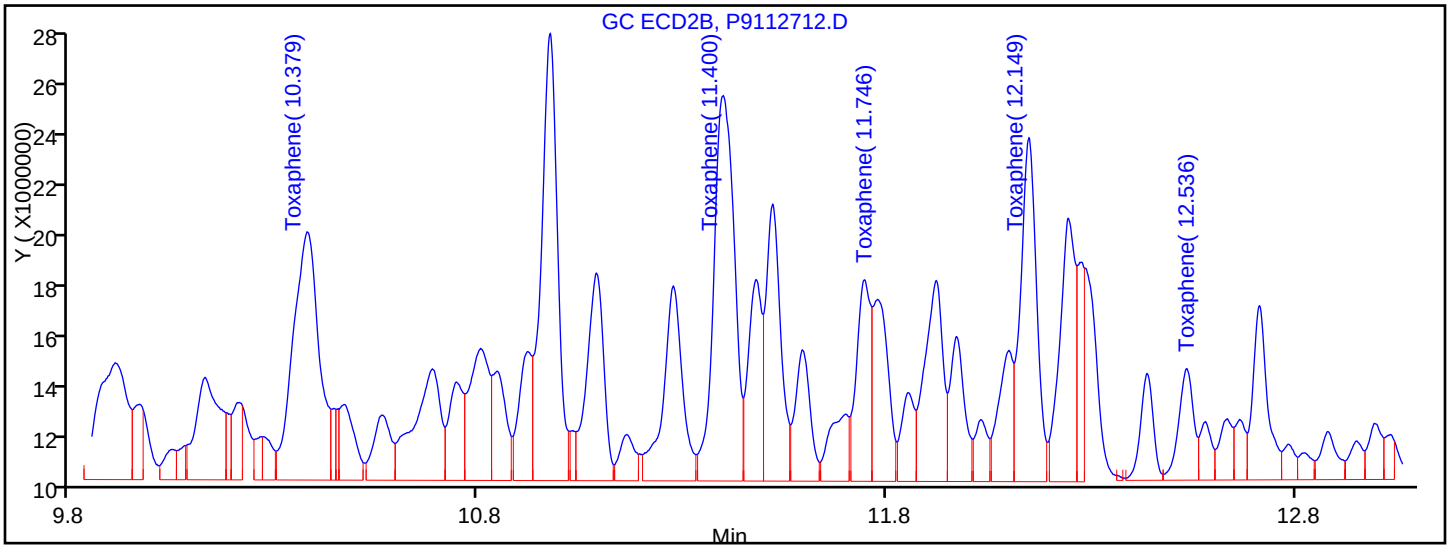
Injection Date:	28-Nov-2012 06:50:48	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.379	Response = 29084870	M
RT = 11.400	Response = 38125015	M
RT = 11.746	Response = 4343604	M
RT = 12.149	Response = 21759596	M
RT = 12.536	Response = 8976491	M



Manual Integration Results

RT = 10.379	Response = 42205034	M
RT = 11.400	Response = 52217741	M
RT = 11.746	Response = 18298378	M
RT = 12.149	Response = 36336407	M
RT = 12.536	Response = 11019761	M

Reviewer: vandorenc, 29-Nov-2012 09:40:57

Audit Action: Assigned New Baseline

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 28-Nov-2012 07:18:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015316-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 66500 Lims Sample ID: 13
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:22 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:41:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.483	9.483	0.000	41376552	0.5024		100.0	
1	2	10.026	10.023	0.003	41533829	0.5153	75.2- 115.2	100.4	
1	3	10.091	10.091	0.000	30455607	0.5066	54.7- 94.7	73.6	
1	4	10.672	10.671	0.001	40653334	0.5134	75.4- 115.4	98.3	
1	5	11.235	11.233	0.002	22686777	0.4818	37.4- 77.4	54.8	
			Average of Peak Amounts =			0.5039			
2	100	10.381	10.382	-0.001	106930022	0.5531		100.0	M
2	2	11.397	11.399	-0.002	136078541	0.5407	108.0- 148.0	127.3	M
2	3	11.748	11.746	0.002	50065956	0.5307	28.1- 68.1	46.8	M
2	4	12.148	12.148	0.000	98032016	0.5339	72.6- 112.6	91.7	M
2	5	12.535	12.535	0.000	32975098	0.5445	9.6- 49.6	30.8	M
			Average of Peak Amounts =			0.5406			
						RPD = 7.02			

QC Flag Legend

Review Flags
M - Manually Integrated

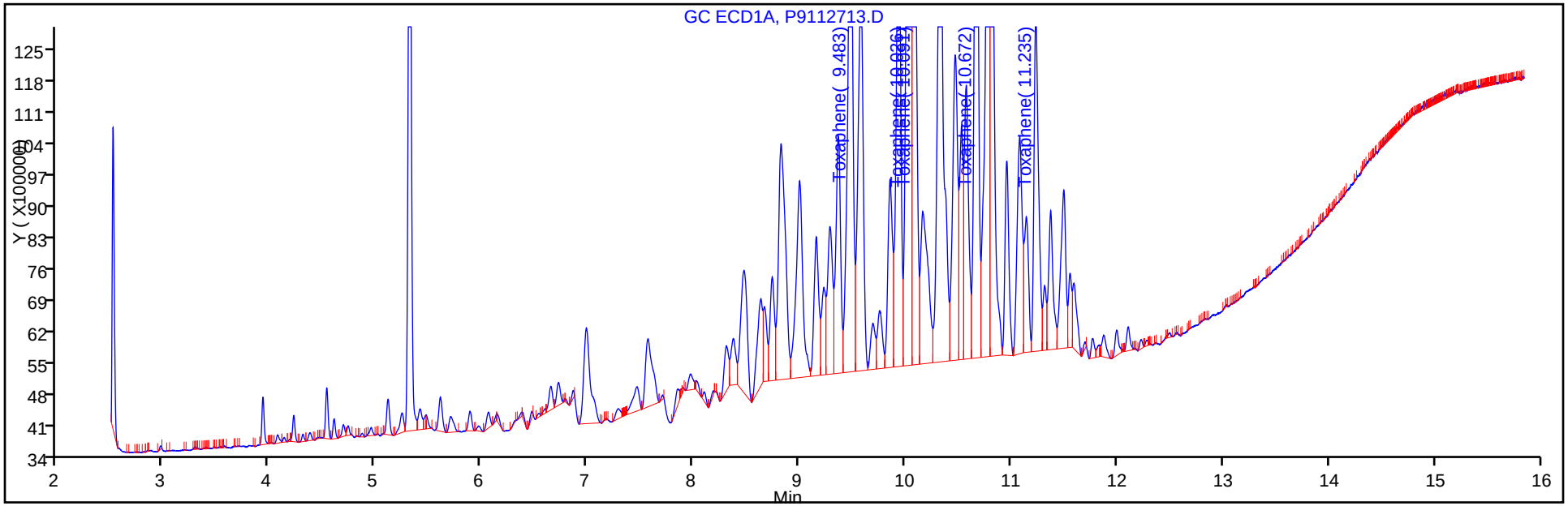
Report Date: 29-Nov-2012 09:55:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

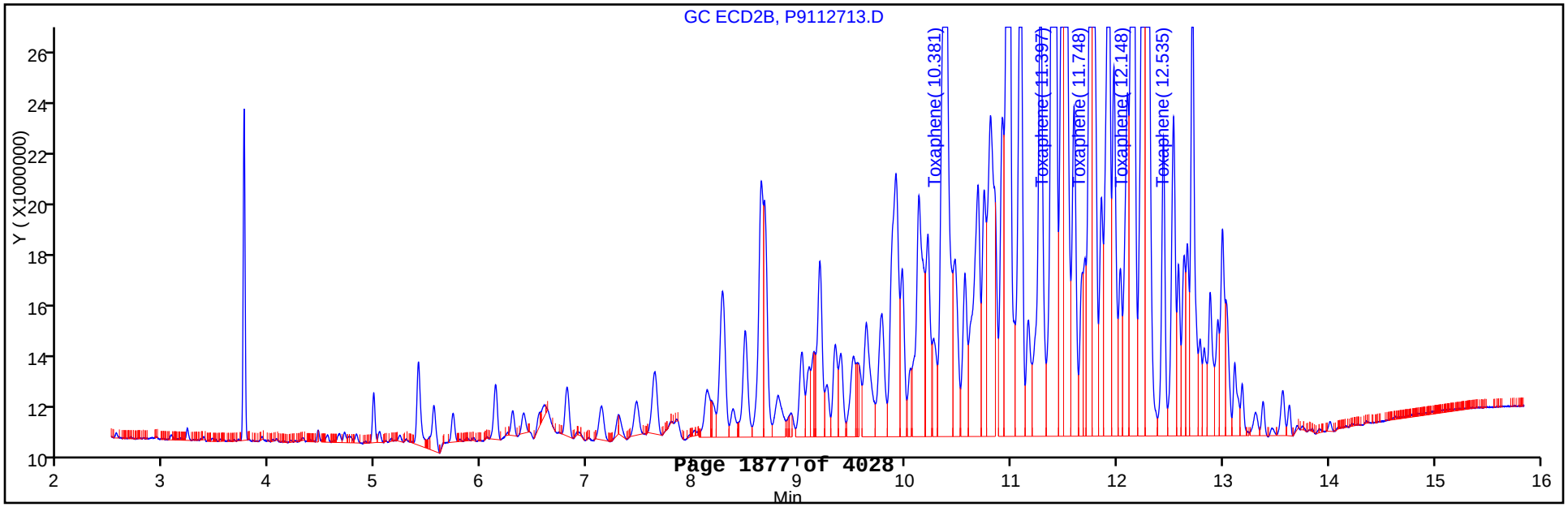
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D

Injection Date:	28-Nov-2012 07:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



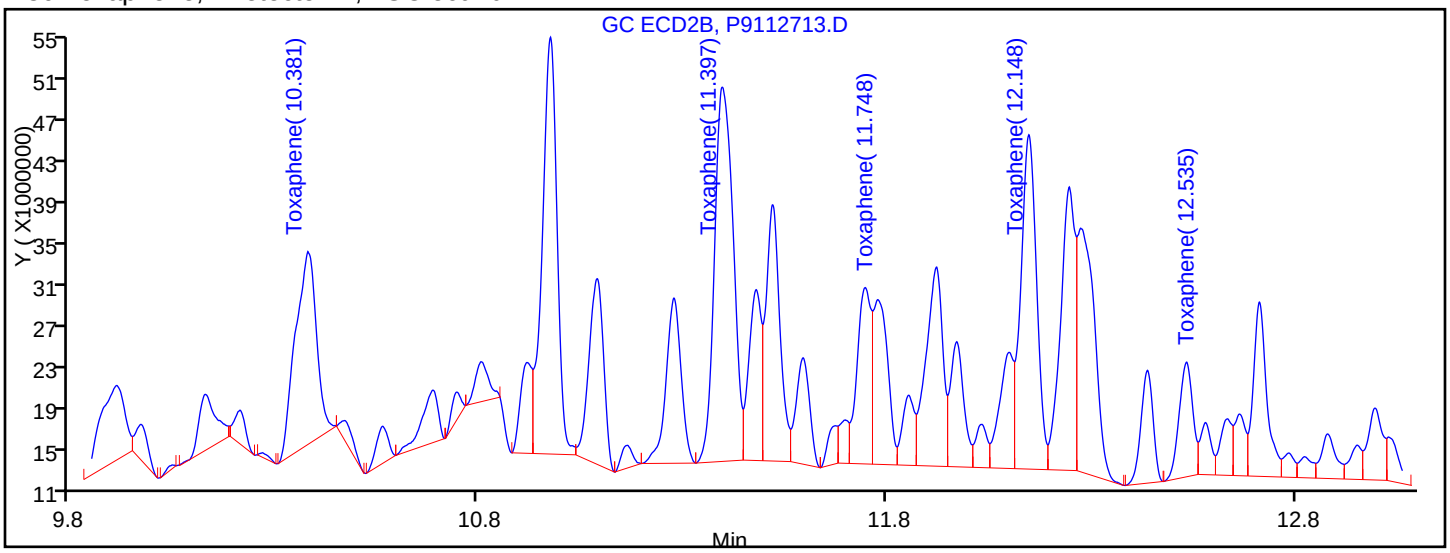
Report Date: 29-Nov-2012 09:55:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D

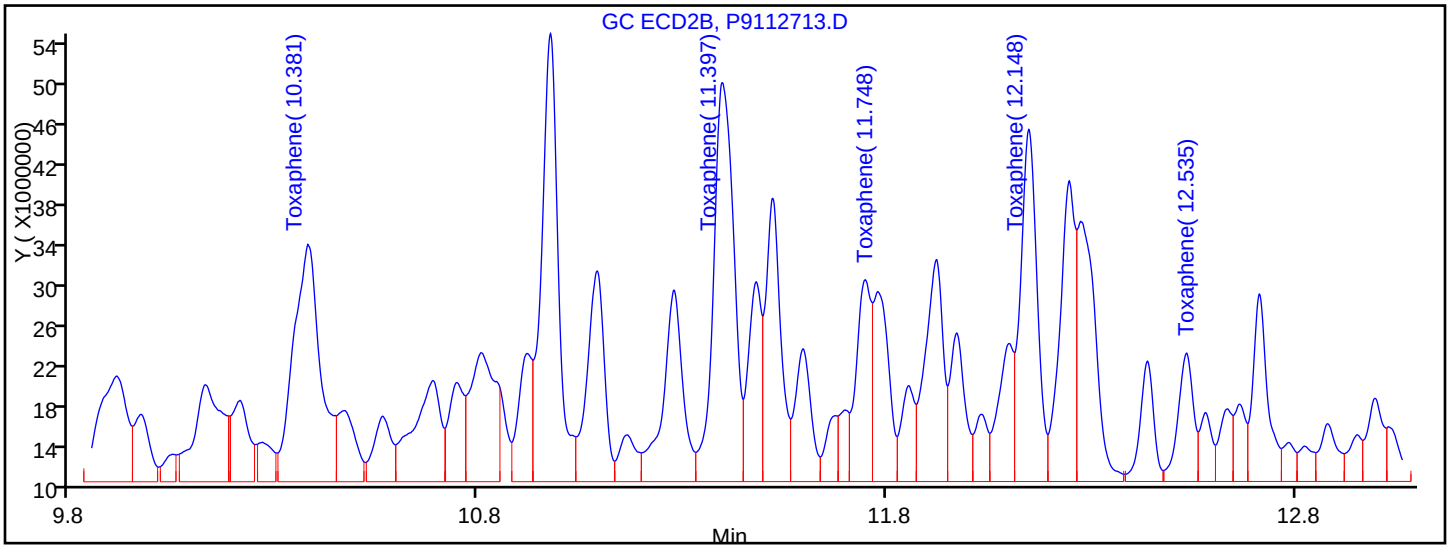
Injection Date:	28-Nov-2012 07:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.381	Response = 67131999	M
RT = 11.397	Response = 115021918	M
RT = 11.748	Response = 40574774	M
RT = 12.148	Response = 86910450	M
RT = 12.535	Response = 25807131	M



Manual Integration Results

RT = 10.381	Response = 106930022	M
RT = 11.397	Response = 136078541	M
RT = 11.748	Response = 50065956	M
RT = 12.148	Response = 98032016	M
RT = 12.535	Response = 32975098	M

Reviewer: vandorenc, 29-Nov-2012 09:41:10

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 28-Nov-2012 07:46:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015316-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66500 Lims Sample ID: 14
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:41:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.486	9.486	0.000	80907243	0.9824		100.0	M
1	2	10.024	10.024	0.000	77060439	0.9561	75.2- 115.2	95.2	M
1	3	10.091	10.091	0.000	60423711	1.01	54.7- 94.7	74.7	M
1	4	10.671	10.671	0.000	77201216	0.9749	75.4- 115.4	95.4	M
1	5	11.236	11.236	0.000	46432367	0.9860	37.4- 77.4	57.4	M
			Average of Peak Amounts =			0.9809			
2	100	10.382	10.382	0.000	182034158	0.9416		100.0	M
2	2	11.398	11.398	0.000	232967561	0.9257	108.0- 148.0	128.0	M
2	3	11.746	11.746	0.000	87578224	0.9283	28.1- 68.1	48.1	M
2	4	12.148	12.148	0.000	168652486	0.9185	72.6- 112.6	92.6	M
2	5	12.534	12.534	0.000	53896308	0.8899	9.6- 49.6	29.6	M
			Average of Peak Amounts =			0.9208			
						RPD = 6.32			

QC Flag Legend

Review Flags
M - Manually Integrated

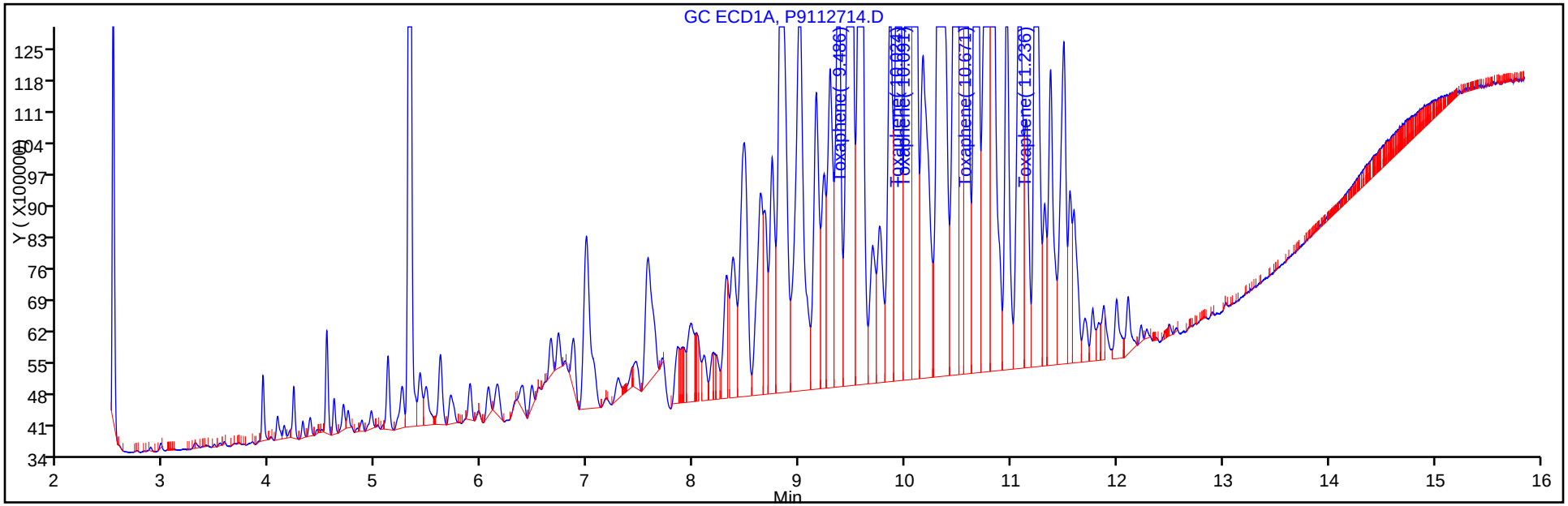
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

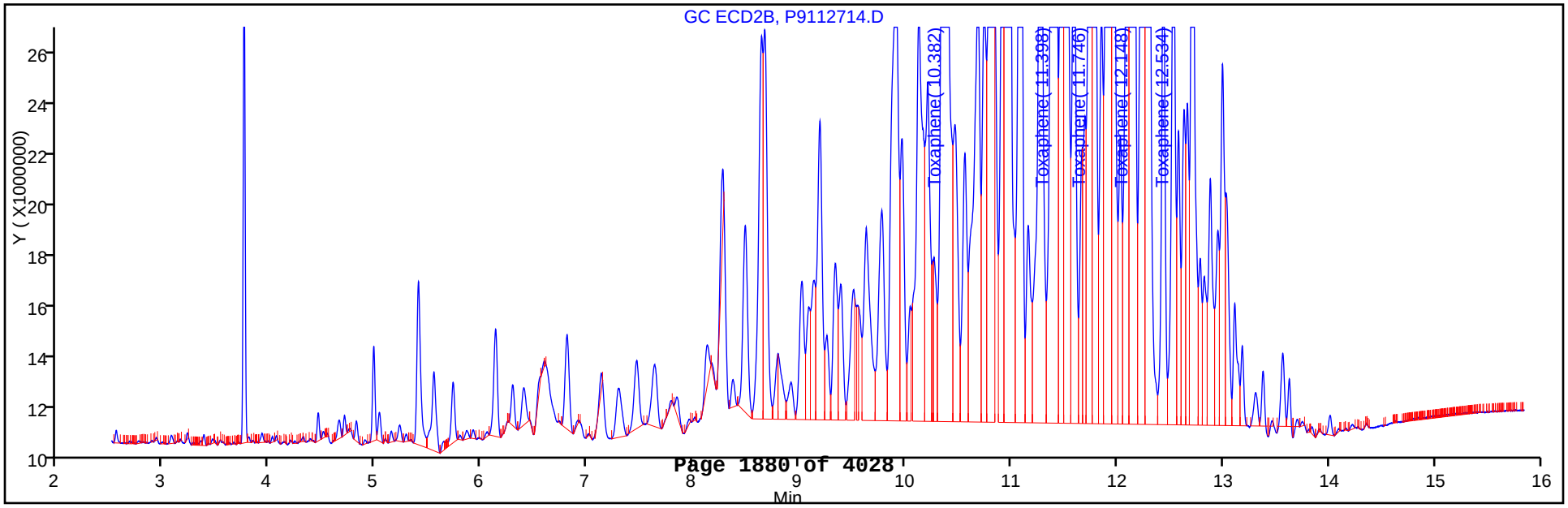
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

Injection Date:	28-Nov-2012 07:46:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



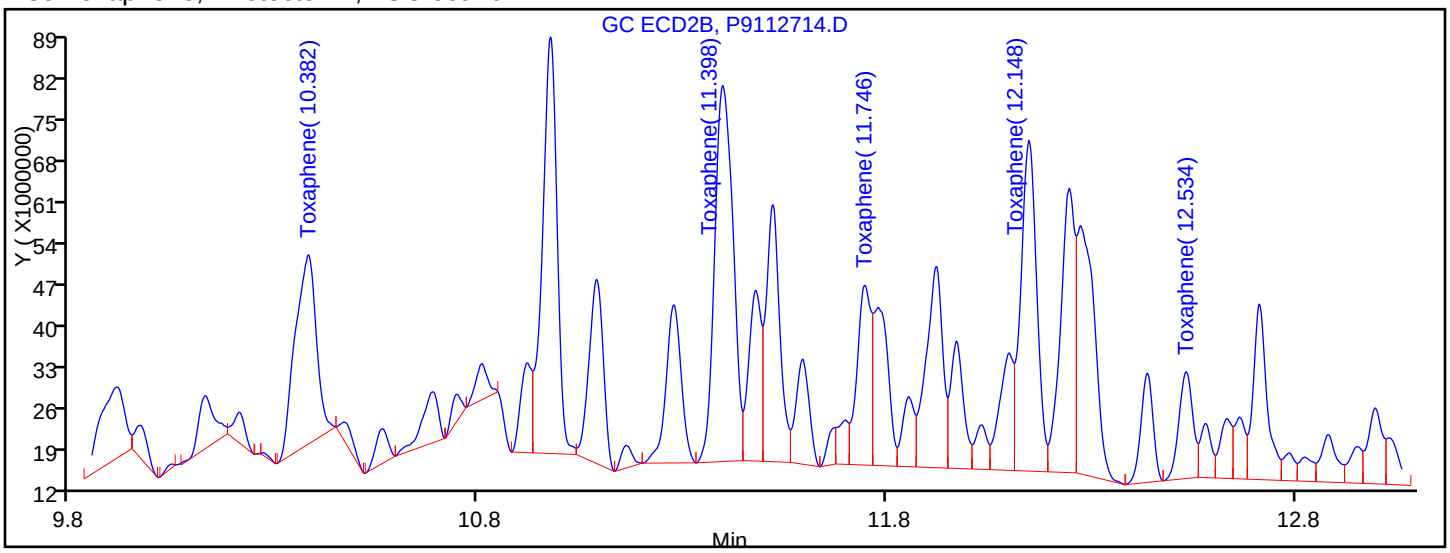
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

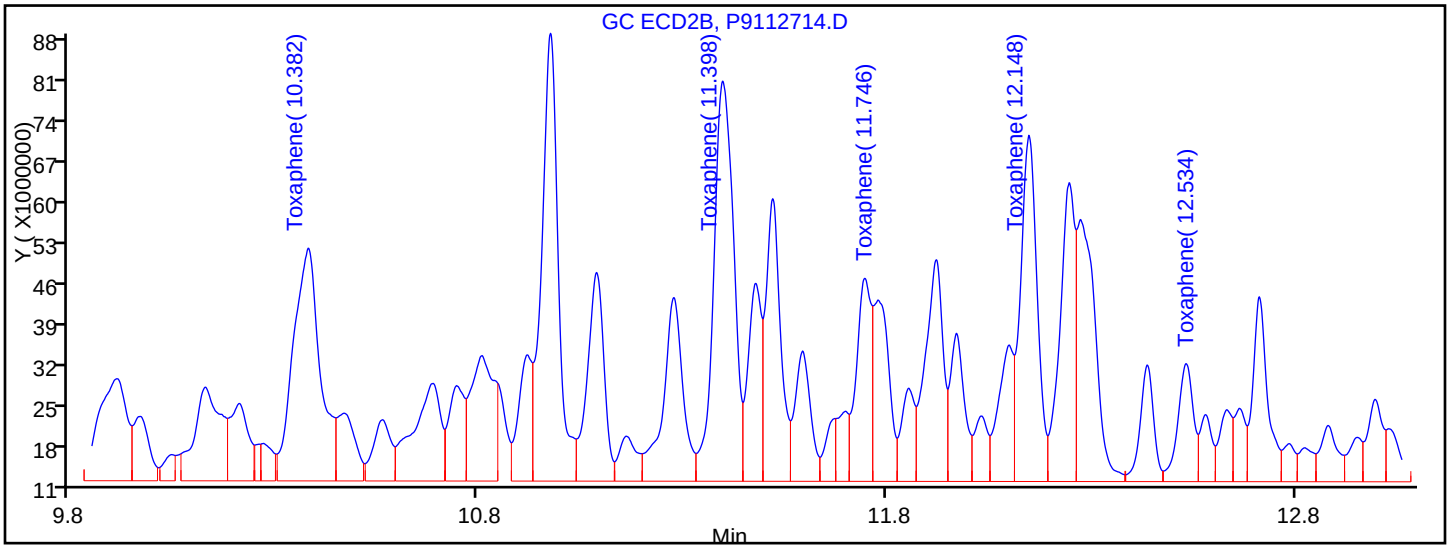
Injection Date:	28-Nov-2012 07:46:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.382	Response = 115653340	M
RT = 11.398	Response = 198840920	M
RT = 11.746	Response = 72314040	M
RT = 12.148	Response = 152027492	M
RT = 12.534	Response = 43043492	M



Manual Integration Results

RT = 10.382	Response = 182034158	M
RT = 11.398	Response = 232967561	M
RT = 11.746	Response = 87578224	M
RT = 12.148	Response = 168652486	M
RT = 12.534	Response = 53896308	M

Reviewer: vandorenc, 29-Nov-2012 09:41:33

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D
Lims ID: STD TOX4 Client ID:
Inject. Date: 28-Nov-2012 08:14:09 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015316-015
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 66500 Lims Sample ID: 15
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:27 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:44:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.484	9.486	-0.002	160569651	1.95		100.0	M
1	2	10.022	10.024	-0.002	156274458	1.94	75.2- 115.2	97.3	M
1	3	10.089	10.091	-0.002	117145923	1.95	54.7- 94.7	73.0	M
1	4	10.672	10.671	0.001	154906567	1.96	75.4- 115.4	96.5	M
1	5	11.234	11.236	-0.002	95033349	2.02	37.4- 77.4	59.2	M
			Average of Peak Amounts =			1.96			
2	100	10.382	10.382	0.000	348824562	1.80		100.0	M
2	2	11.398	11.398	0.000	470139725	1.87	108.0- 148.0	134.8	M
2	3	11.746	11.746	0.000	179113237	1.90	28.1- 68.1	51.3	M
2	4	12.149	12.148	0.001	350034030	1.91	72.6- 112.6	100.3	M
2	5	12.534	12.534	0.000	117886645	1.95	9.6- 49.6	33.8	M
			Average of Peak Amounts =			1.88			
						RPD = 4.03			

QC Flag Legend

Review Flags
M - Manually Integrated

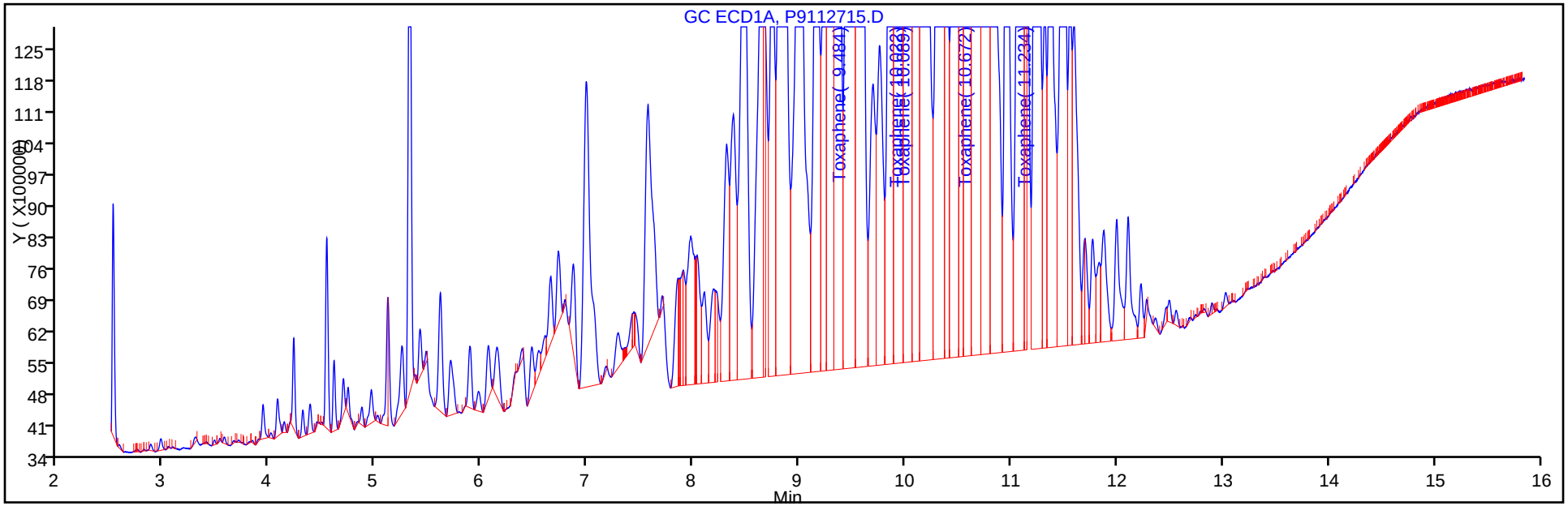
Report Date: 29-Nov-2012 09:55:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

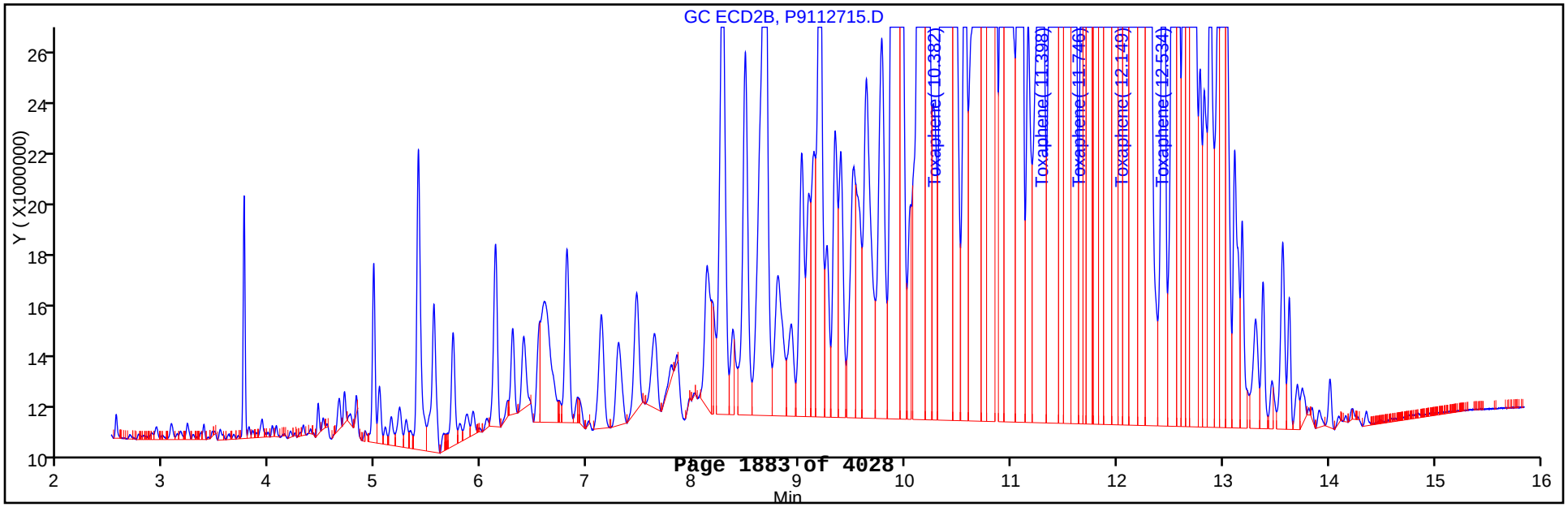
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

Injection Date:	28-Nov-2012 08:14:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



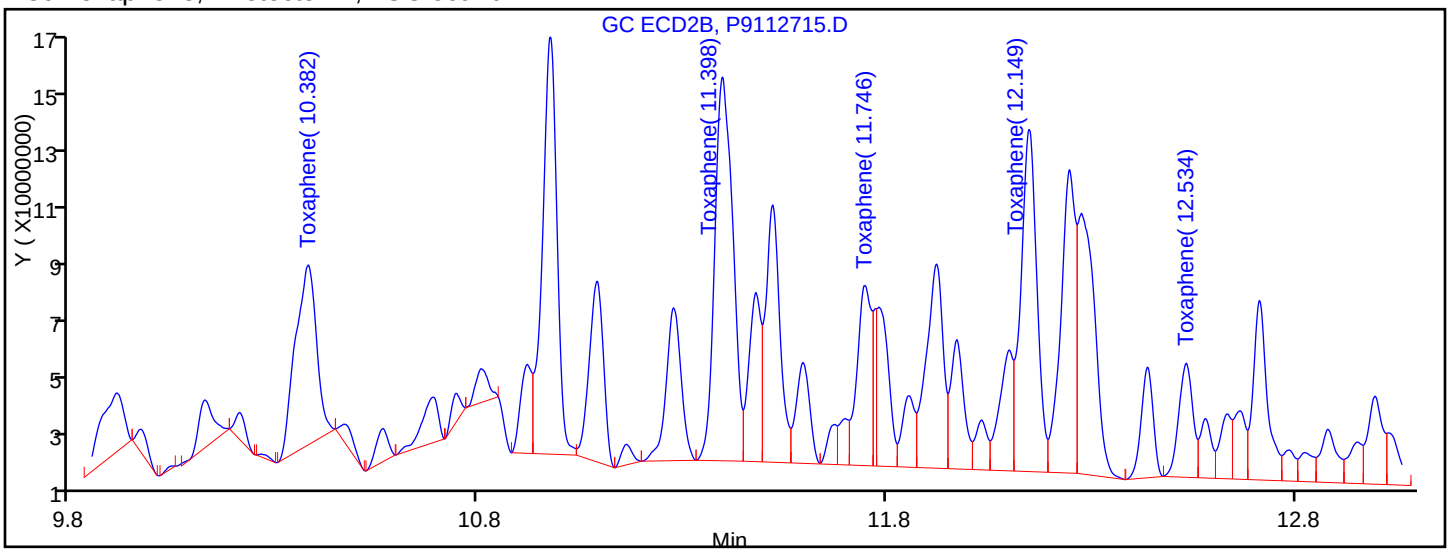
Report Date: 29-Nov-2012 09:55:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

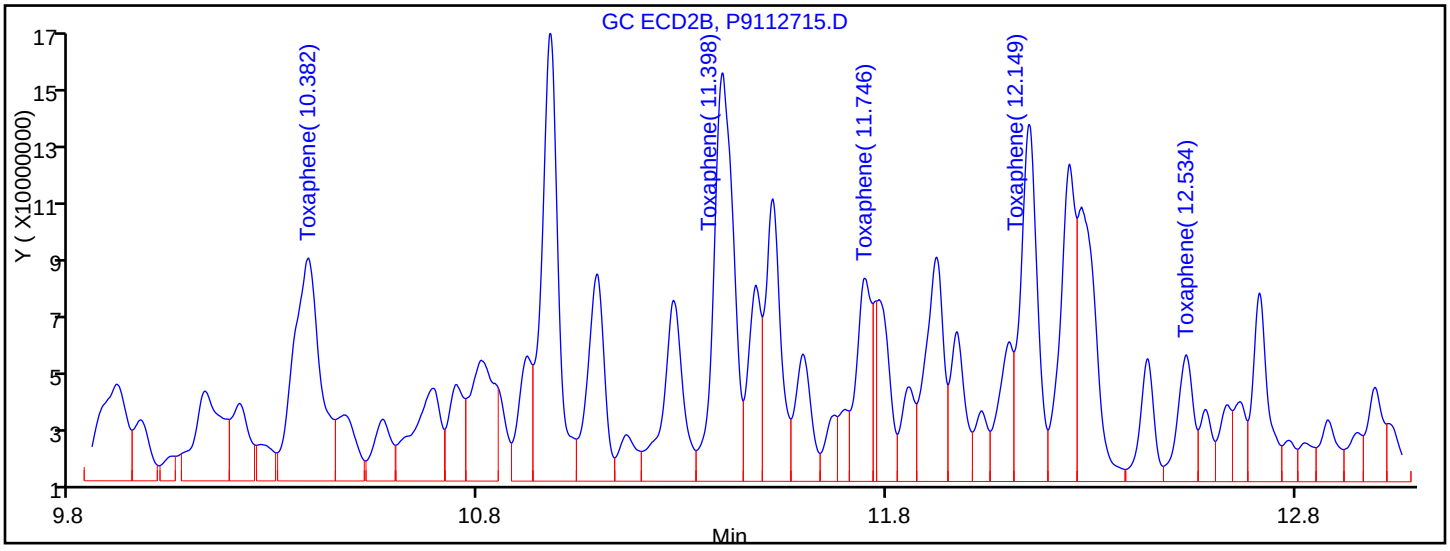
Injection Date:	28-Nov-2012 08:14:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.382	Response = 219422240	M
RT = 11.398	Response = 398309182	M
RT = 11.746	Response = 148387873	M
RT = 12.149	Response = 316283435	M
RT = 12.534	Response = 92604178	M



Manual Integration Results

RT = 10.382	Response = 348824562	M
RT = 11.398	Response = 470139725	M
RT = 11.746	Response = 179113237	M
RT = 12.149	Response = 350034030	M
RT = 12.534	Response = 117886645	M

Reviewer: vandorenc, 29-Nov-2012 09:44:18

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Lims ID:	STD TOX5	Client ID:	
Inject. Date:	28-Nov-2012 08:42:02	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015316-016		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	66500	Lims Sample ID:	16
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 09:55:29	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:44:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.485	9.486	-0.001	434406682	5.27		100.0	M
1	2	10.026	10.024	0.002	408799446	5.07	75.2- 115.2	94.1	M
1	3	10.094	10.091	0.003	330021479	5.49	54.7- 94.7	76.0	M
1	4	10.672	10.671	0.001	425683388	5.38	75.4- 115.4	98.0	M
1	5	11.236	11.236	0.000	269041226	5.71	37.4- 77.4	61.9	M
			Average of Peak Amounts =			5.39			
2	100	10.383	10.382	0.001	926576092	4.79		100.0	M
2	2	11.397	11.398	-0.001	1285442157	5.11	108.0- 148.0	138.7	M
2	3	11.747	11.746	0.001	514771352	5.46	28.1- 68.1	55.6	M
2	4	12.150	12.148	0.002	983492026	5.36	72.6- 112.6	106.1	M
2	5	12.535	12.534	0.001	344613683	5.69	9.6- 49.6	37.2	M
			Average of Peak Amounts =			5.28			
						RPD = 1.96			

QC Flag Legend

Review Flags
M - Manually Integrated

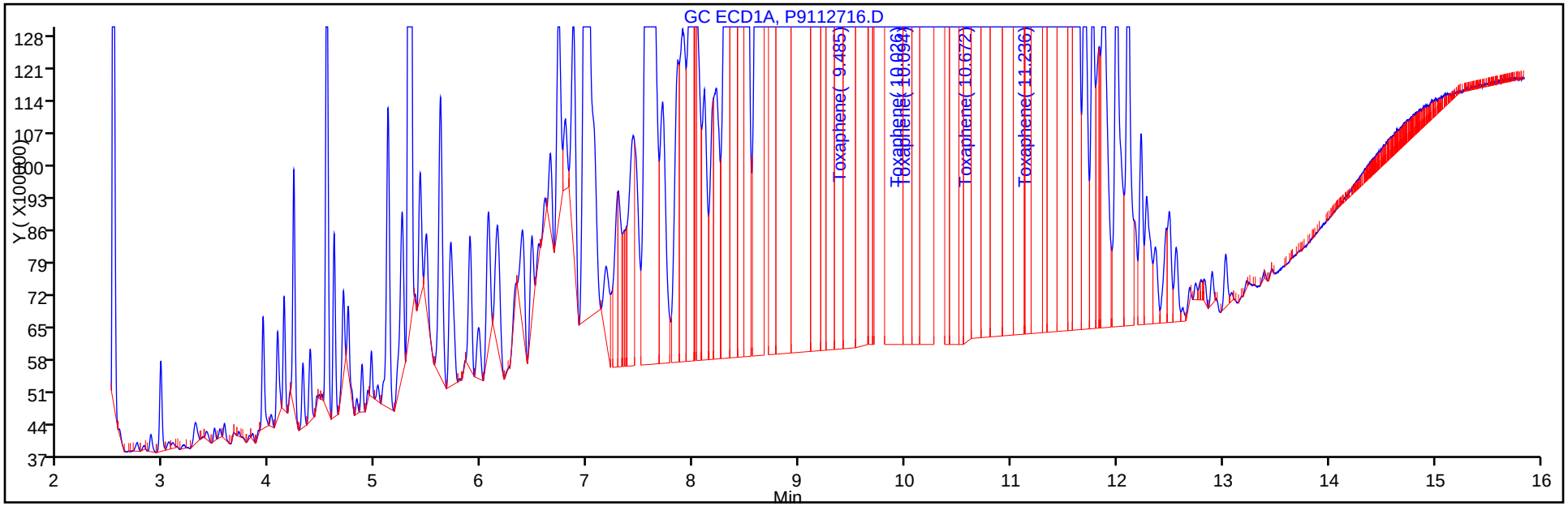
Report Date: 29-Nov-2012 09:55:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

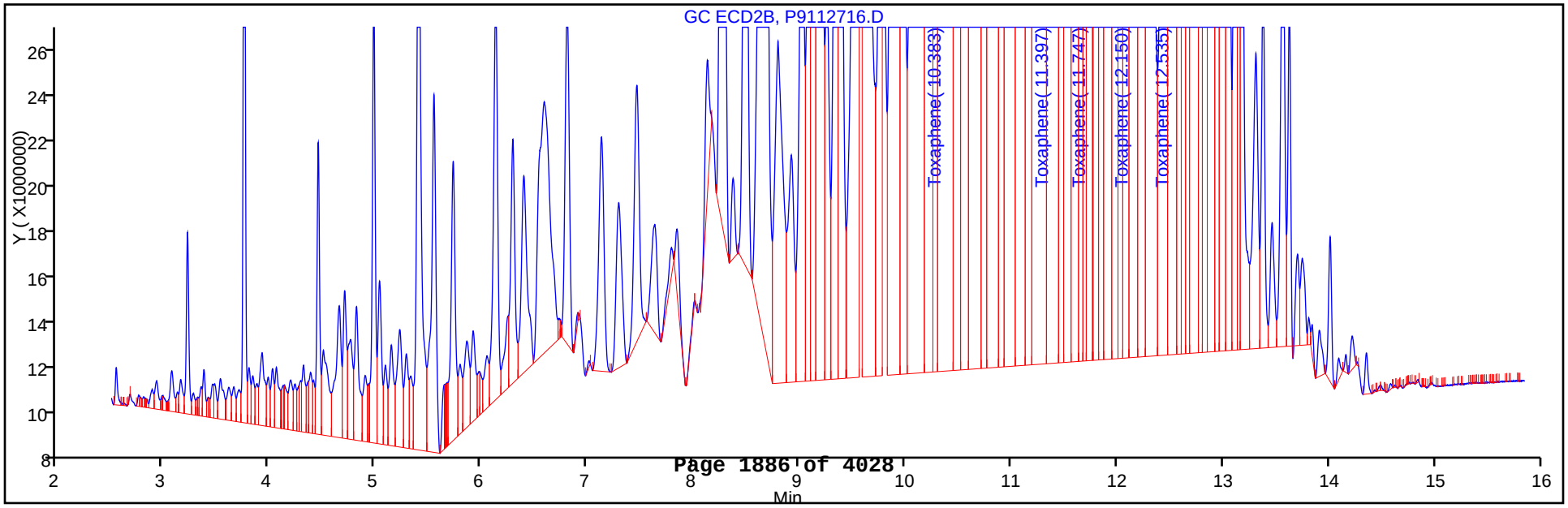
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

Injection Date:	28-Nov-2012 08:42:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



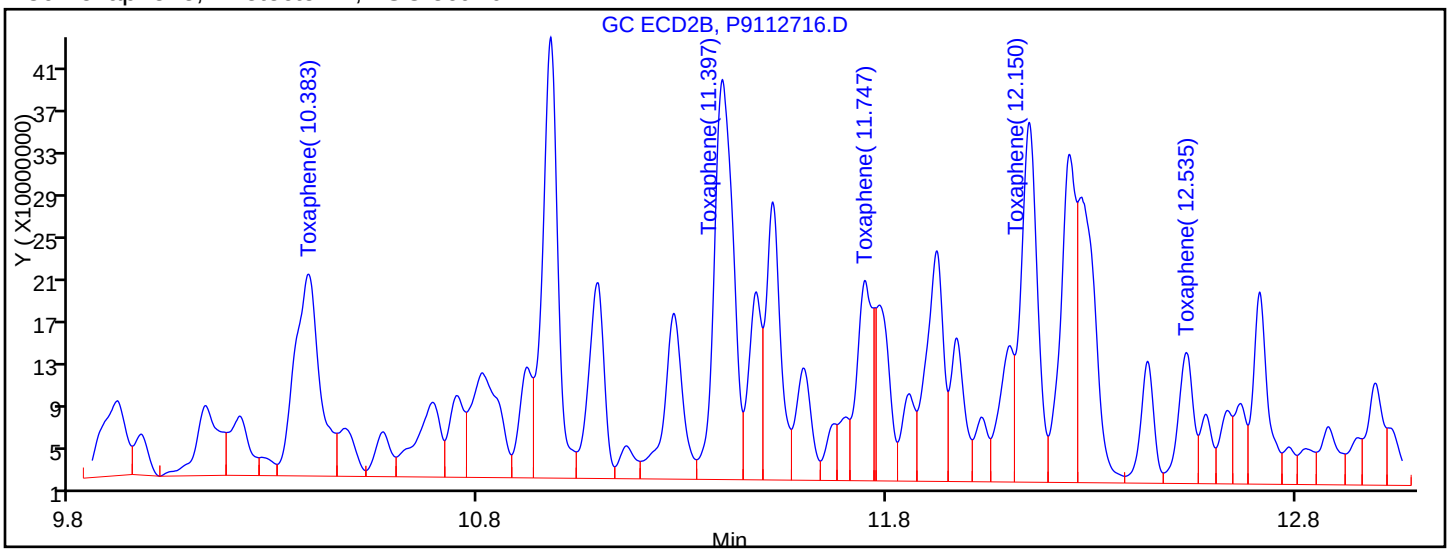
Report Date: 29-Nov-2012 09:55:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

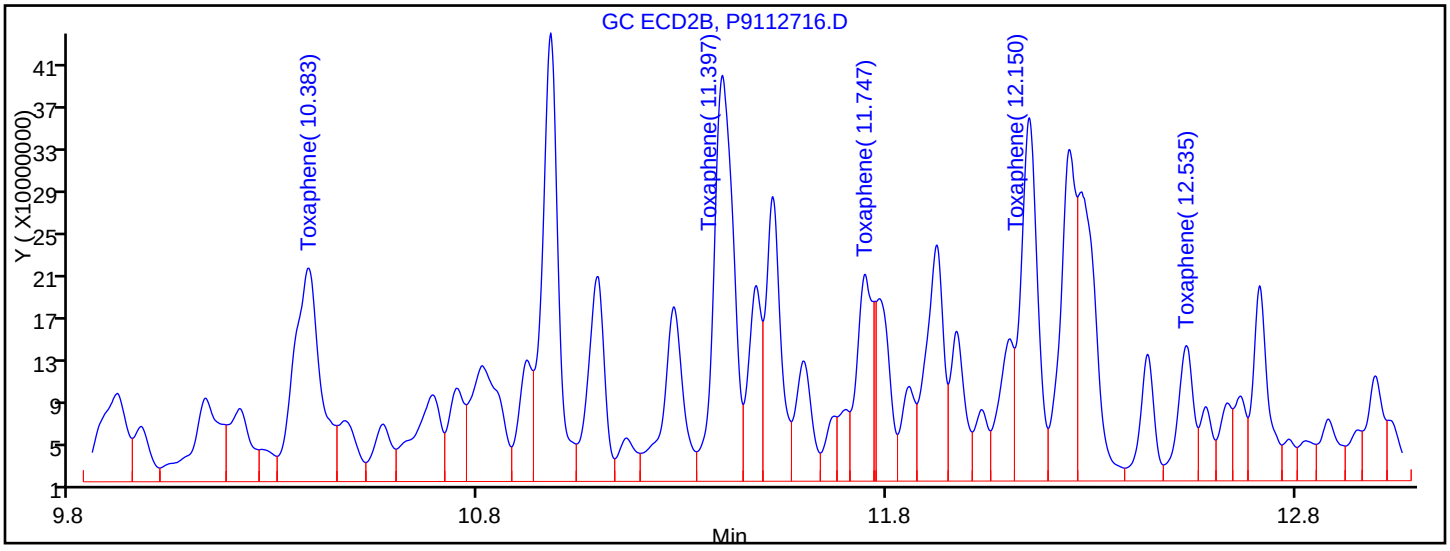
Injection Date:	28-Nov-2012 08:42:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.383	Response = 811927536	M
RT = 11.397	Response = 1221225664	M
RT = 11.747	Response = 485955278	M
RT = 12.150	Response = 950727617	M
RT = 12.535	Response = 317342254	M



Manual Integration Results

RT = 10.383	Response = 926576092	M
RT = 11.397	Response = 1285442157	M
RT = 11.747	Response = 514771352	M
RT = 12.150	Response = 983492026	M
RT = 12.535	Response = 344613683	M

Reviewer: vandorenc, 29-Nov-2012 09:44:43

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: PEM 240-66500/4 Calibration Date: 11/28/2012 03:23

Instrument ID: A2HP9 Calib Start Date: 11/06/2012 18:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/06/2012 21:05

Lab File ID: P9112704.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.91	111084018	3.63	15	
Endrin aldehyde	10.16	1418500			
Endrin ketone	11.26	2767198			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	9.78	161158770	7.83	15	
4,4'-DDD	9.26	8173047			
4,4'-DDE	8.00	5523846			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112704.D
Lims ID: PEM Client ID:
Inject. Date: 28-Nov-2012 03:23:52 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015316-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 66500 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:01 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:33:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	50758874	0.0210			
2	100	4.140	4.140	0.000	147332041	0.0207			
						RPD = 1.36			
5 alpha-BHC									
1	100	4.225	4.225	0.000	33184735	0.0105			
2	100	4.978	4.978	0.000	98497625	0.0099			
						RPD = 5.53			
20 gamma-BHC (Lindane)									
1	100	4.604	4.605	-0.001	28505369	0.0106			
2	100	5.548	5.547	0.001	85943105	0.0104			
						RPD = 2.00			
7 beta-BHC									
1	100	4.738	4.739	-0.001	13069179	0.0110			
2	100	5.728	5.726	0.002	40276313	0.0112			
						RPD = 1.88			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	5523846	0.001908			
2	100	9.788	9.785	0.003	13883164	0.001926			
						RPD = 0.94			
17 Endrin									
1	100	8.908	8.908	0.000	111084018	0.0497			
2	100	10.444	10.445	-0.001	288761692	0.0496			
						RPD = 0.23			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	8173047	0.004561			
2	100	10.800	10.810	-0.010	21707316	0.002213			
						RPD = 69.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.779	9.781	-0.002	161158770	0.1135			
2	100	11.292	11.292	0.000	408065806	0.1226			
						RPD = 7.69			
18 Endrin aldehyde									M
1	100	10.158	10.142	0.016	1418500	0.000901			7
2	100	11.383	11.383	0.000	1574378	0.000412			7
						RPD = 74.58			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
19 Endrin ketone									
1	100	11.259	11.260	-0.001	2767198	0.001462			
2	100	12.547	12.552	-0.005	11383027	0.002596			
						RPD = 55.91			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

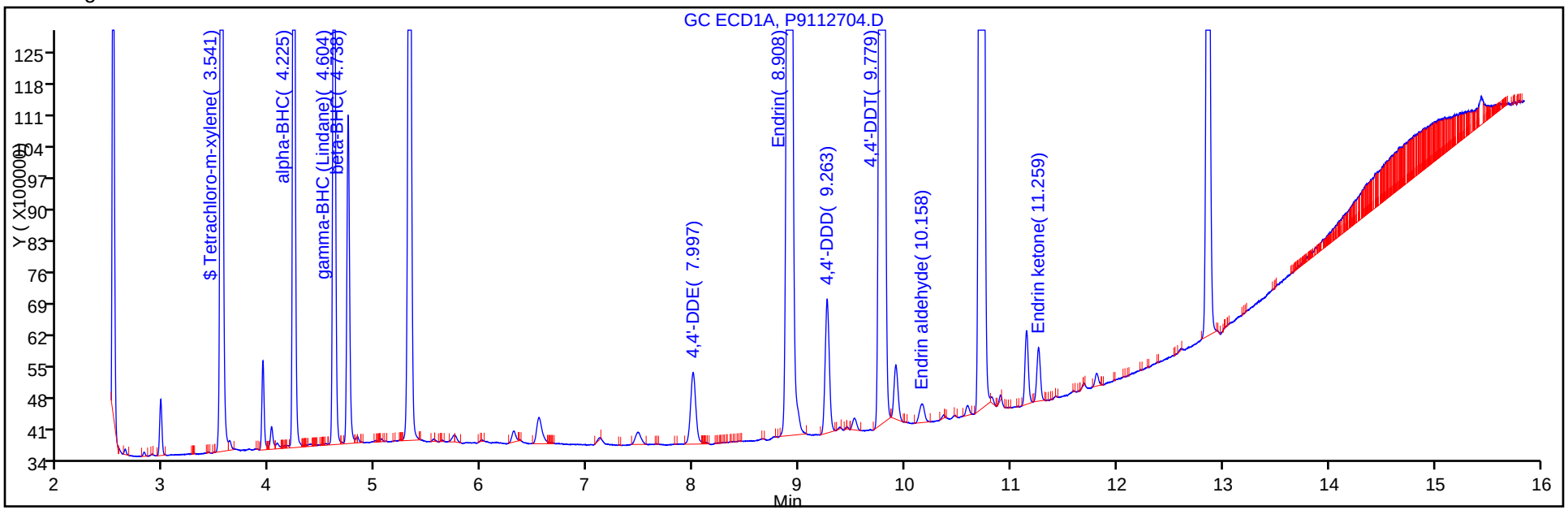
Report Date: 29-Nov-2012 09:55:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

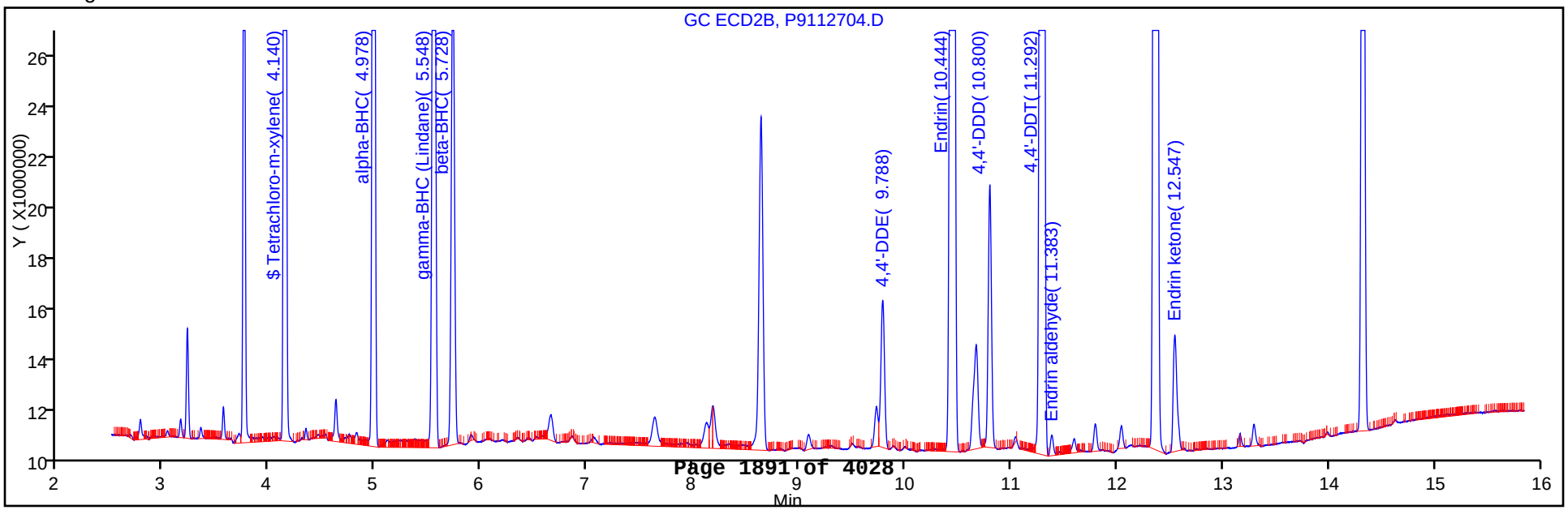
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112704.D

Injection Date:	28-Nov-2012 03:23:52	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: PEM 240-66500/4 Calibration Date: 11/28/2012 03:23

Instrument ID: A2HP9 Calib Start Date: 11/06/2012 18:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/06/2012 21:05

Lab File ID: P9112704.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	10.44	288761692	4.29	15	
Endrin aldehyde	11.38	1574378			
Endrin ketone	12.55	11383027			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	11.29	408065806	8.02	15	
4,4'-DDD	10.80	21707316			
4,4'-DDE	9.79	13883164			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112704.D
Lims ID: PEM Client ID:
Inject. Date: 28-Nov-2012 03:23:52 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015316-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 66500 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:01 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:33:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	50758874	0.0210			
2	100	4.140	4.140	0.000	147332041	0.0207			
						RPD = 1.36			
5 alpha-BHC									
1	100	4.225	4.225	0.000	33184735	0.0105			
2	100	4.978	4.978	0.000	98497625	0.0099			
						RPD = 5.53			
20 gamma-BHC (Lindane)									
1	100	4.604	4.605	-0.001	28505369	0.0106			
2	100	5.548	5.547	0.001	85943105	0.0104			
						RPD = 2.00			
7 beta-BHC									
1	100	4.738	4.739	-0.001	13069179	0.0110			
2	100	5.728	5.726	0.002	40276313	0.0112			
						RPD = 1.88			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	5523846	0.001908			
2	100	9.788	9.785	0.003	13883164	0.001926			
						RPD = 0.94			
17 Endrin									
1	100	8.908	8.908	0.000	111084018	0.0497			
2	100	10.444	10.445	-0.001	288761692	0.0496			
						RPD = 0.23			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	8173047	0.004561			
2	100	10.800	10.810	-0.010	21707316	0.002213			
						RPD = 69.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.779	9.781	-0.002	161158770	0.1135			
2	100	11.292	11.292	0.000	408065806	0.1226			
						RPD = 7.69			
18 Endrin aldehyde									M
1	100	10.158	10.142	0.016	1418500	0.000901			7
2	100	11.383	11.383	0.000	1574378	0.000412			7
						RPD = 74.58			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
19 Endrin ketone									
1	100	11.259	11.260	-0.001	2767198	0.001462			
2	100	12.547	12.552	-0.005	11383027	0.002596			
						RPD = 55.91			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

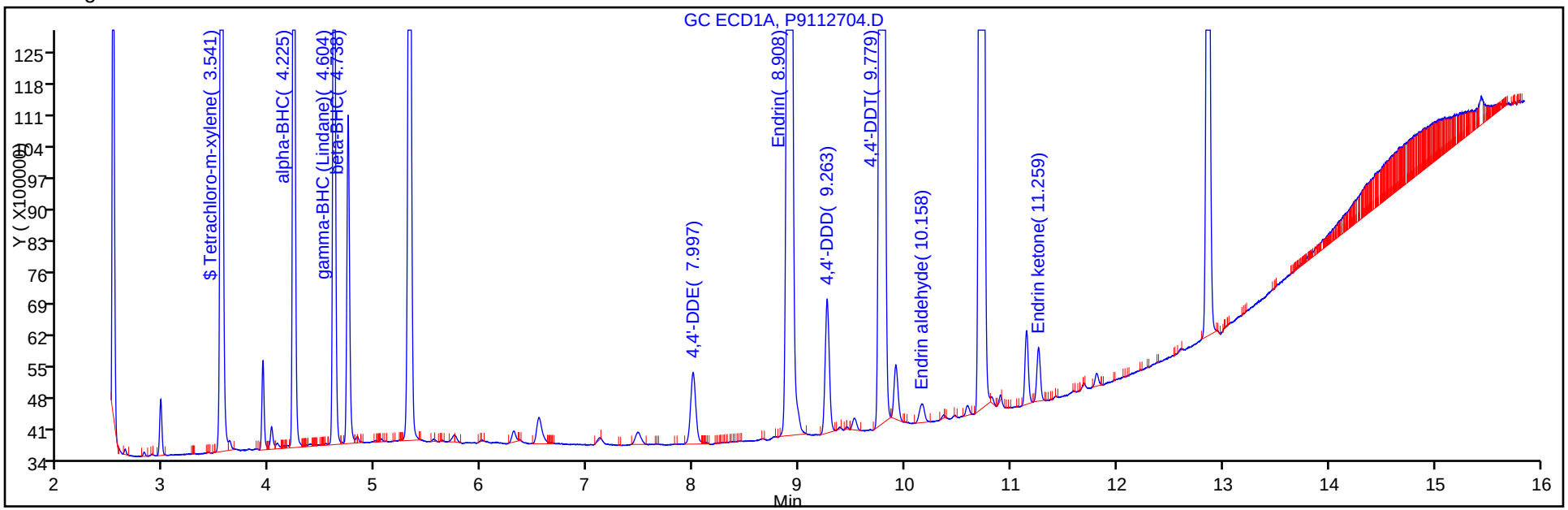
Report Date: 29-Nov-2012 09:55:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

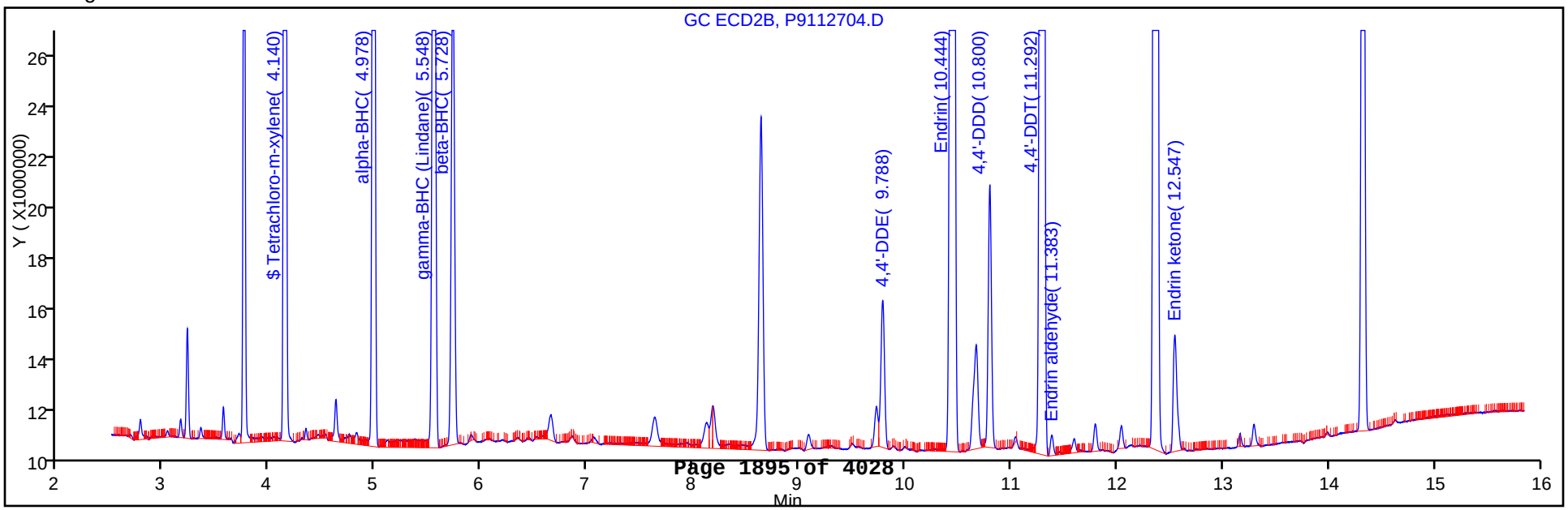
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112704.D

Injection Date:	28-Nov-2012 03:23:52	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/11 Calibration Date: 11/28/2012 06:22

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112711.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3168667215	3314854200		0.0262	0.0250	4.6	20.0
gamma-BHC (Lindane)	Ave	2696239648	2825588080		0.0262	0.0250	4.8	20.0
beta-BHC	Ave	1192117427	1256828840		0.0264	0.0250	5.4	20.0
delta-BHC	Ave	2593377382	2804476120		0.0270	0.0250	8.1	20.0
Heptachlor	Ave	2436929739	2541038600		0.0261	0.0250	4.3	20.0
Aldrin	Ave	2967053625	3101721000		0.0261	0.0250	4.5	20.0
Heptachlor epoxide	Ave	2465306798	2592436160		0.0263	0.0250	5.2	20.0
gamma-Chlordane	Ave	2642311293	2753951160		0.0261	0.0250	4.2	20.0
alpha-Chlordane	Ave	2713419924	2756636960		0.0254	0.0250	1.6	20.0
Endosulfan I	Ave	2329014810	2445240480		0.0262	0.0250	5.0	20.0
4,4'-DDE	Ave	2894548445	2995781880		0.0259	0.0250	3.5	20.0
Dieldrin	Ave	2429335459	2544815200		0.0262	0.0250	4.8	20.0
Endrin	Ave	2233310440	2335007440		0.0261	0.0250	4.6	20.0
4,4'-DDD	Ave	1791905190	1881431080		0.0262	0.0250	5.0	20.0
Endosulfan II	Ave	2120779171	2286048400		0.0269	0.0250	7.8	20.0
4,4'-DDT	Ave	1420166233	1554644120		0.0274	0.0250	9.5	20.0
Endrin aldehyde	Ave	1574397867	1639362800		0.0260	0.0250	4.1	20.0
Methoxychlor	Ave	679722133	759618880		0.0279	0.0250	11.8	20.0
Endosulfan sulfate	Ave	1727152069	1872992360		0.0271	0.0250	8.4	20.0
Endrin ketone	Ave	1892819765	1954707440		0.0258	0.0250	3.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/11 Calibration Date: 11/28/2012 06:22

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112711.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.23	4.20	4.26
gamma-BHC (Lindane)	4.61	4.58	4.64
beta-BHC	4.74	4.71	4.77
delta-BHC	4.96	4.93	4.99
Heptachlor	5.24	5.21	5.28
Aldrin	5.70	5.68	5.74
Heptachlor epoxide	6.96	6.93	6.99
gamma-Chlordane	7.28	7.25	7.31
alpha-Chlordane	7.63	7.59	7.65
Endosulfan I	7.90	7.87	7.93
4,4'-DDE	8.00	7.97	8.03
Dieldrin	8.46	8.43	8.49
Endrin	8.91	8.88	8.94
4,4'-DDD	9.26	9.23	9.29
Endosulfan II	9.36	9.32	9.38
4,4'-DDT	9.78	9.75	9.81
Endrin aldehyde	10.14	10.11	10.17
Methoxychlor	10.72	10.69	10.75
Endosulfan sulfate	10.86	10.83	10.89
Endrin ketone	11.26	11.23	11.29

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112711.D
Lims ID: ICV Client ID:
Inject. Date: 28-Nov-2012 06:22:56 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015316-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 66500 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:15 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:40:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.225	4.225	0.000	82871355	0.0262			
2	100	4.978	4.978	0.000	246042666	0.0248			
						RPD = 5.50			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	70639702	0.0262			
2	100	5.548	5.547	0.001	206524410	0.0249			
						RPD = 5.08			
7 beta-BHC									
1	100	4.738	4.739	-0.001	31420721	0.0264			
2	100	5.728	5.726	0.002	92347298	0.0256			
						RPD = 2.87			
11 delta-BHC									
1	100	4.957	4.957	0.000	70111903	0.0270			
2	100	6.293	6.292	0.001	204726749	0.0259			
						RPD = 4.39			
22 Heptachlor									
1	100	5.244	5.243	0.001	63525965	0.0261			
2	100	6.393	6.394	-0.001	180190169	0.0252			
						RPD = 3.25			
4 Aldrin									
1	100	5.704	5.705	-0.001	77543025	0.0261			
2	100	7.131	7.130	0.001	207217822	0.0252			
						RPD = 3.55			
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	64810904	0.0263			
2	100	8.606	8.603	0.003	175945237	0.0258			
						RPD = 2.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	68848779	0.0261			
2	100	9.026	9.024	0.002	177915467	0.0255			
						RPD = 2.04			
6 alpha-Chlordane									
1	100	7.626	7.623	0.003	68915924	0.0254			
2	100	9.335	9.334	0.001	174491301	0.0248			
						RPD = 2.41			
14 Endosulfan I									
1	100	7.898	7.896	0.002	61131012	0.0262			
2	100	9.397	9.396	0.001	148535405	0.0258			
						RPD = 1.76			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	74894547	0.0259			
2	100	9.787	9.785	0.002	181270322	0.0252			
						RPD = 2.83			
13 Dieldrin									
1	100	8.455	8.455	0.000	63620380	0.0262			
2	100	9.927	9.926	0.001	161983141	0.0256			
						RPD = 2.12			
17 Endrin									M
1	100	8.908	8.908	0.000	58375186	0.0261			M
2	100	10.446	10.445	0.001	146437894	0.0252			
						RPD = 3.79			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	47035777	0.0262			
2	100	10.810	10.810	0.000	253691378	0.0259			
						RPD = 1.49			
15 Endosulfan II									
1	100	9.355	9.353	0.002	57151210	0.0269			
2	100	10.810	10.810	0.000	253691378	0.0259			
						RPD = 4.12			
3 4,4'-DDT									
1	100	9.782	9.781	0.001	38866103	0.0274			
2	100	11.292	11.292	0.000	89005342	0.0267			
						RPD = 2.35			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	40984070	0.0260			
2	100	11.384	11.383	0.001	97557772	0.0255			
						RPD = 2.06			
27 Methoxychlor									
1	100	10.723	10.723	0.000	18990472	0.0279			
2	100	12.366	12.365	0.001	44302828	0.0267			
						RPD = 4.71			
16 Endosulfan sulfate									
1	100	10.861	10.860	0.001	46824809	0.0271			
2	100	11.815	11.815	0.000	114416612	0.0265			
						RPD = 2.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.261	11.260	0.001	48867686	0.0258			
2	100	12.553	12.552	0.001	111443389	0.0254			
						RPD = 1.55			

QC Flag Legend

Review Flags
M - Manually Integrated

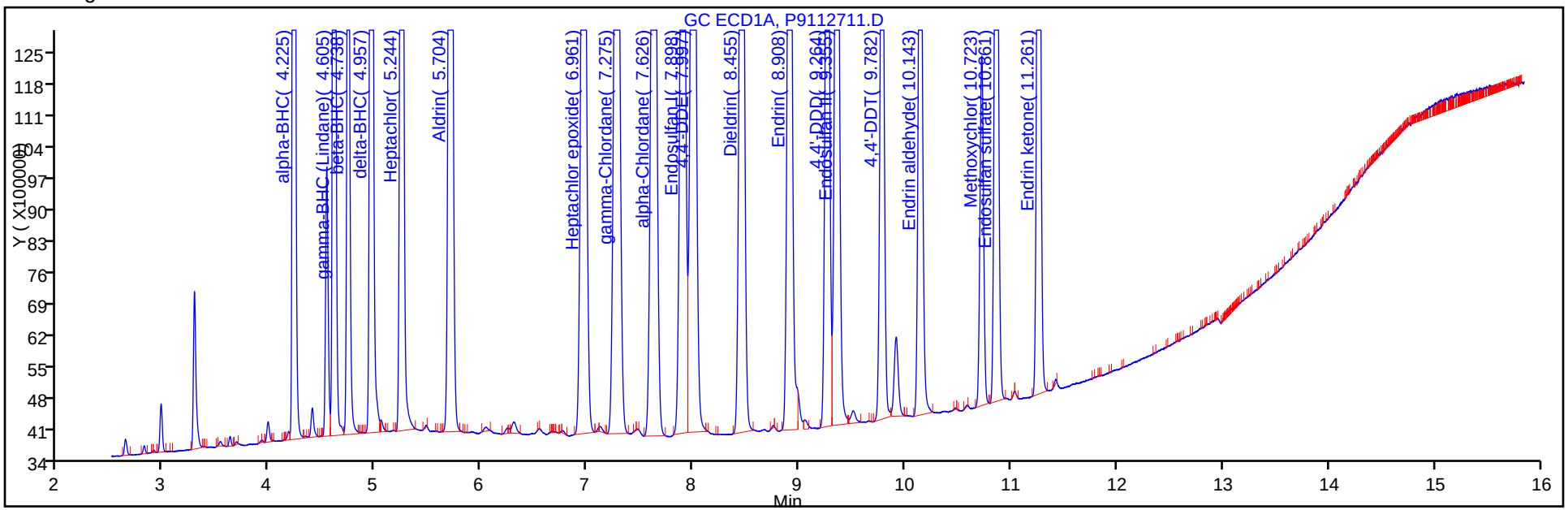
Report Date: 29-Nov-2012 09:55:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

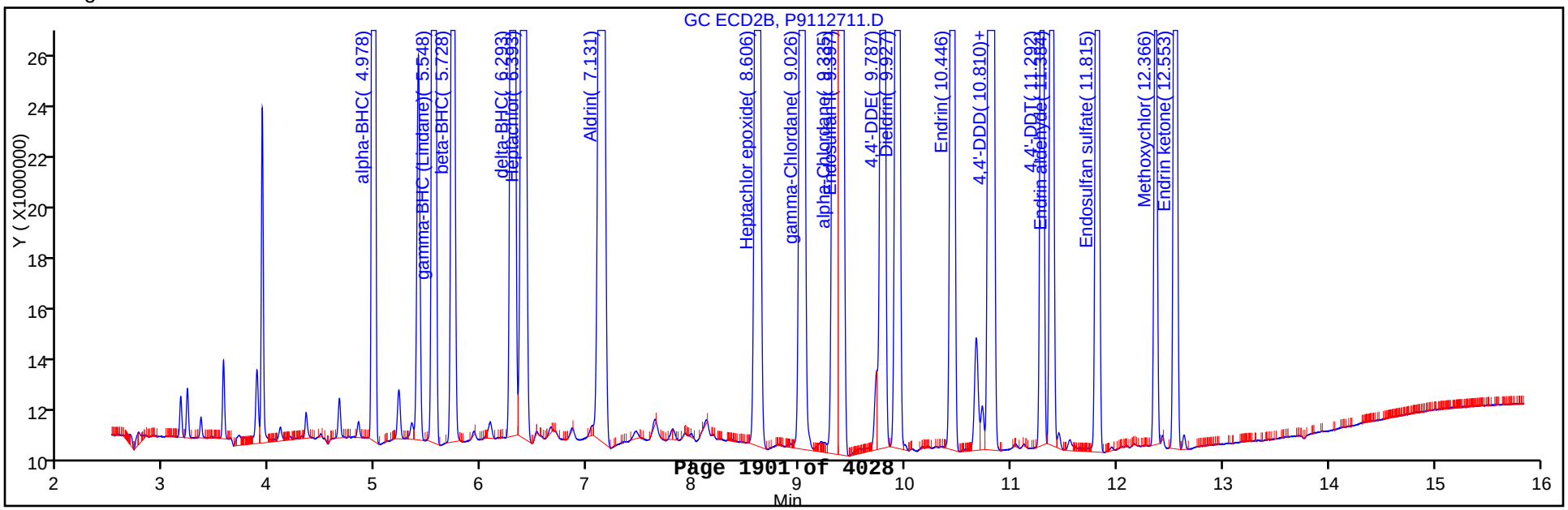
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Injection Date:	28-Nov-2012 06:22:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

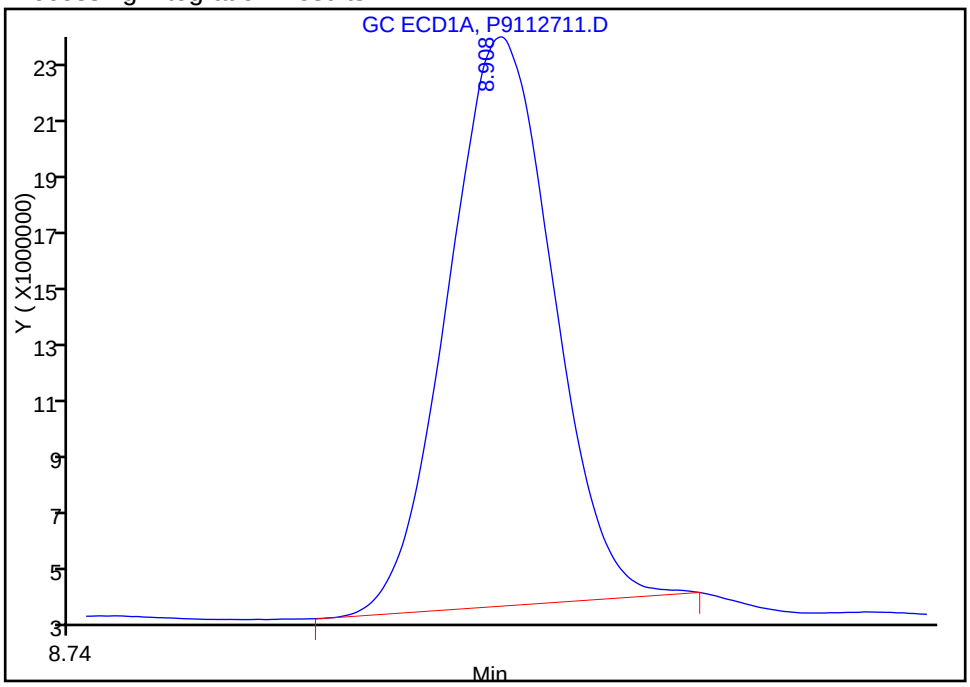
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112711.D		
Injection Date:	28-Nov-2012 06:22:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

17 Endrin, Signal: 1, Type: quant, RT: 8.91, Det: GC ECD1A

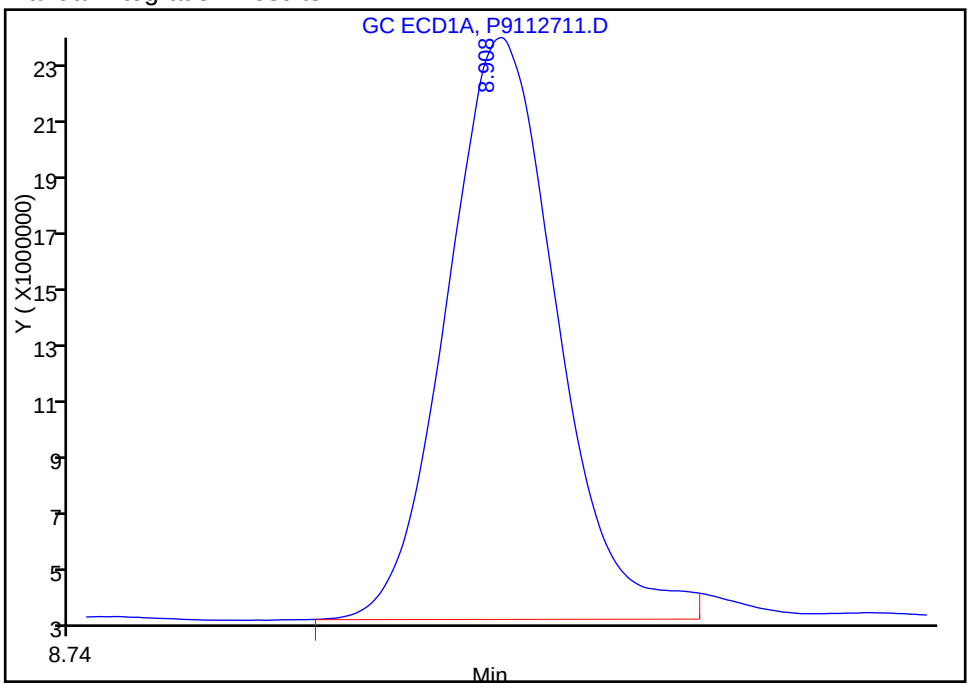
Processing Integration Results

RT: 8.91
Response: 54465378
Amount: 0.024388



Manual Integration Results

RT: 8.91
Response: 58375186
Amount: 0.026138



Reviewer: vandorenc, 29-Nov-2012 09:40:30
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/11 Calibration Date: 11/28/2012 06:22

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112711.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	9940089371	9841706640		0.0248	0.0250	-1.0	20.0
gamma-BHC (Lindane)	Ave	8293601368	8260976400		0.0249	0.0250	-0.4	20.0
beta-BHC	Ave	3605562217	3693891920		0.0256	0.0250	2.4	20.0
delta-BHC	Ave	7912733268	8189069960		0.0259	0.0250	3.5	20.0
Heptachlor	Ave	7140697065	7207606760		0.0252	0.0250	0.9	20.0
Aldrin	Ave	8215129958	8288712880		0.0252	0.0250	0.9	20.0
Heptachlor epoxide	Ave	6831839093	7037809480		0.0258	0.0250	3.0	20.0
gamma-Chlordane	Ave	6968754018	7116618680		0.0255	0.0250	2.1	20.0
alpha-Chlordane	Ave	7037942515	6979652040		0.0248	0.0250	-0.8	20.0
Endosulfan I	Ave	5759774207	5941416200		0.0258	0.0250	3.2	20.0
4,4'-DDE	Ave	7207034711	7250812880		0.0252	0.0250	0.6	20.0
Dieldrin	Ave	6317654321	6479325640		0.0256	0.0250	2.6	20.0
Endrin	Ave	5818678867	5857515760		0.0252	0.0250	0.7	20.0
4,4'-DDD	Ave	9809607119	10147655120		0.0259	0.0250	3.4	20.0
Endosulfan II	Ave	9809607119	10147655120		0.0259	0.0250	3.4	20.0
4,4'-DDT	Ave	3329664076	3560213680		0.0267	0.0250	6.9	20.0
Endrin aldehyde	Ave	3825777334	3902310880		0.0255	0.0250	2.0	20.0
Endosulfan sulfate	Ave	4314206102	4576664480		0.0265	0.0250	6.1	20.0
Methoxychlor	Ave	1662173652	1772113120		0.0267	0.0250	6.6	20.0
Endrin ketone	Ave	4384149523	4457735560		0.0254	0.0250	1.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/11 Calibration Date: 11/28/2012 06:22

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112711.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.98	4.95	5.01
gamma-BHC (Lindane)	5.55	5.52	5.58
beta-BHC	5.73	5.70	5.76
delta-BHC	6.29	6.26	6.32
Heptachlor	6.39	6.36	6.43
Aldrin	7.13	7.10	7.16
Heptachlor epoxide	8.61	8.57	8.63
gamma-Chlordane	9.03	8.99	9.05
alpha-Chlordane	9.34	9.30	9.36
Endosulfan I	9.40	9.37	9.43
4,4'-DDE	9.79	9.76	9.82
Dieldrin	9.93	9.90	9.96
Endrin	10.45	10.42	10.48
4,4'-DDD	10.81	10.78	10.84
Endosulfan II	10.81	10.78	10.84
4,4'-DDT	11.29	11.26	11.32
Endrin aldehyde	11.38	11.35	11.41
Endosulfan sulfate	11.82	11.79	11.85
Methoxychlor	12.37	12.34	12.40
Endrin ketone	12.55	12.52	12.58

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112711.D
Lims ID: ICV Client ID:
Inject. Date: 28-Nov-2012 06:22:56 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015316-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 66500 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:15 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:40:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.225	4.225	0.000	82871355	0.0262			
2	100	4.978	4.978	0.000	246042666	0.0248			
						RPD = 5.50			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	70639702	0.0262			
2	100	5.548	5.547	0.001	206524410	0.0249			
						RPD = 5.08			
7 beta-BHC									
1	100	4.738	4.739	-0.001	31420721	0.0264			
2	100	5.728	5.726	0.002	92347298	0.0256			
						RPD = 2.87			
11 delta-BHC									
1	100	4.957	4.957	0.000	70111903	0.0270			
2	100	6.293	6.292	0.001	204726749	0.0259			
						RPD = 4.39			
22 Heptachlor									
1	100	5.244	5.243	0.001	63525965	0.0261			
2	100	6.393	6.394	-0.001	180190169	0.0252			
						RPD = 3.25			
4 Aldrin									
1	100	5.704	5.705	-0.001	77543025	0.0261			
2	100	7.131	7.130	0.001	207217822	0.0252			
						RPD = 3.55			
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	64810904	0.0263			
2	100	8.606	8.603	0.003	175945237	0.0258			
						RPD = 2.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	68848779	0.0261			
2	100	9.026	9.024	0.002	177915467	0.0255			
						RPD = 2.04			
6 alpha-Chlordane									
1	100	7.626	7.623	0.003	68915924	0.0254			
2	100	9.335	9.334	0.001	174491301	0.0248			
						RPD = 2.41			
14 Endosulfan I									
1	100	7.898	7.896	0.002	61131012	0.0262			
2	100	9.397	9.396	0.001	148535405	0.0258			
						RPD = 1.76			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	74894547	0.0259			
2	100	9.787	9.785	0.002	181270322	0.0252			
						RPD = 2.83			
13 Dieldrin									
1	100	8.455	8.455	0.000	63620380	0.0262			
2	100	9.927	9.926	0.001	161983141	0.0256			
						RPD = 2.12			
17 Endrin									M
1	100	8.908	8.908	0.000	58375186	0.0261			M
2	100	10.446	10.445	0.001	146437894	0.0252			
						RPD = 3.79			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	47035777	0.0262			
2	100	10.810	10.810	0.000	253691378	0.0259			
						RPD = 1.49			
15 Endosulfan II									
1	100	9.355	9.353	0.002	57151210	0.0269			
2	100	10.810	10.810	0.000	253691378	0.0259			
						RPD = 4.12			
3 4,4'-DDT									
1	100	9.782	9.781	0.001	38866103	0.0274			
2	100	11.292	11.292	0.000	89005342	0.0267			
						RPD = 2.35			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	40984070	0.0260			
2	100	11.384	11.383	0.001	97557772	0.0255			
						RPD = 2.06			
27 Methoxychlor									
1	100	10.723	10.723	0.000	18990472	0.0279			
2	100	12.366	12.365	0.001	44302828	0.0267			
						RPD = 4.71			
16 Endosulfan sulfate									
1	100	10.861	10.860	0.001	46824809	0.0271			
2	100	11.815	11.815	0.000	114416612	0.0265			
						RPD = 2.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.261	11.260	0.001	48867686	0.0258			
2	100	12.553	12.552	0.001	111443389	0.0254			
						RPD = 1.55			

QC Flag Legend

Review Flags
M - Manually Integrated

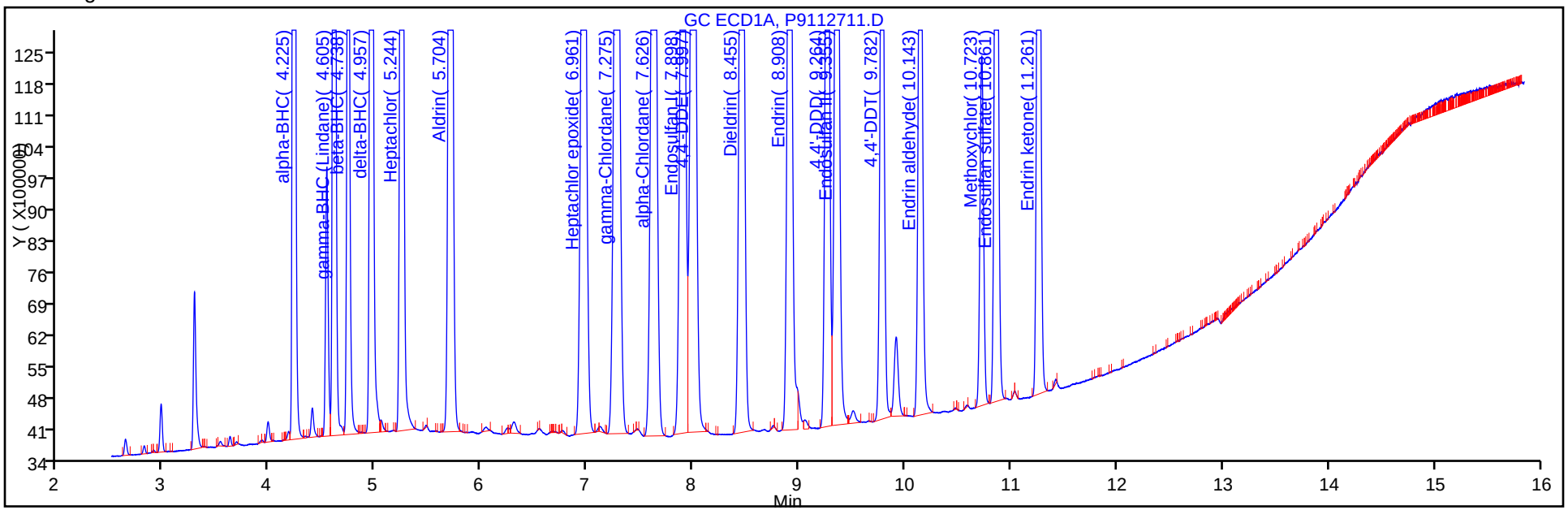
Report Date: 29-Nov-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

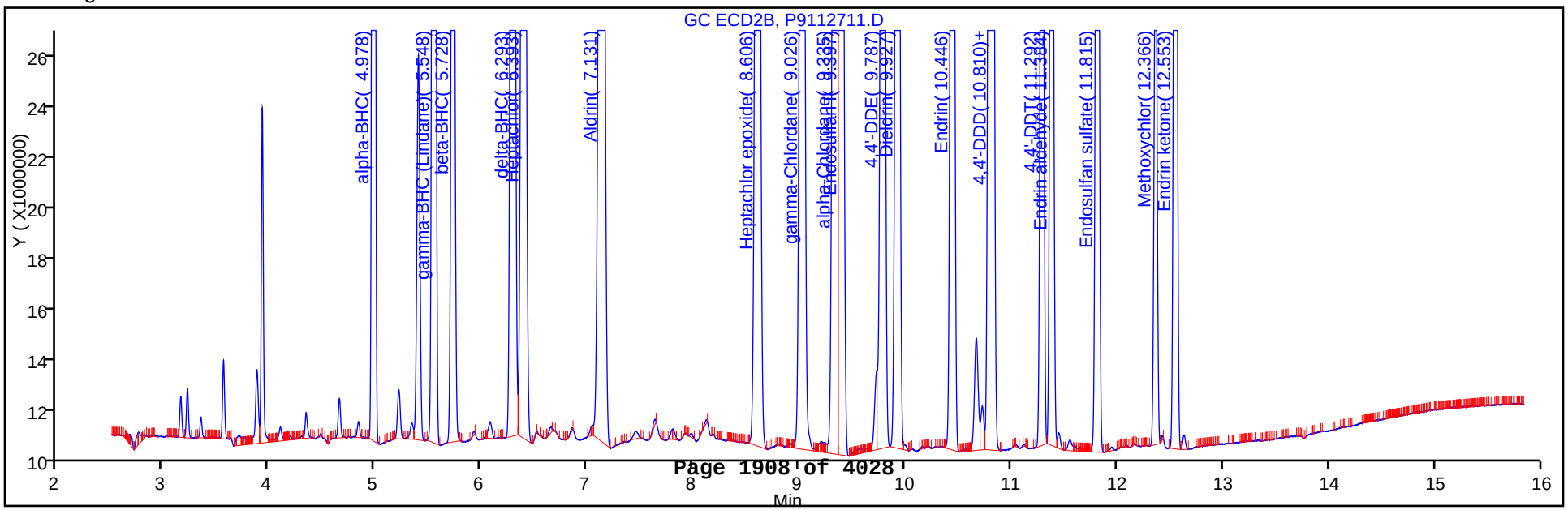
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Injection Date:	28-Nov-2012 06:22:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/17 Calibration Date: 11/28/2012 09:09

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112717.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	82355349	65143349		0.791	1.00	-20.9*	20.0
Toxaphene Peak 2	Ave	80598016	72538248		0.900	1.00	-10.0	20.0
Toxaphene Peak 3	Ave	60115062	53226427		0.885	1.00	-11.5	20.0
Toxaphene Peak 4	Ave	79190156	87008416		1.10	1.00	9.9	20.0
Toxaphene Peak 5	Ave	47091318	72395175		1.54	1.00	53.7*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/17 Calibration Date: 11/28/2012 09:09

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112717.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.48	9.46	9.52
Toxaphene Peak 2	10.03	9.99	10.05
Toxaphene Peak 3	10.09	10.06	10.12
Toxaphene Peak 4	10.67	10.64	10.70
Toxaphene Peak 5	11.23	11.21	11.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D
Lims ID: ICV Client ID:
Inject. Date: 28-Nov-2012 09:09:28 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015316-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 66500 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:29 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:52:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.482	9.486	-0.004	65143349	0.7910		100.0	M
1	2	10.025	10.024	0.001	72538248	0.9000	75.2- 115.2	111.4	M
1	3	10.093	10.091	0.002	53226427	0.8854	54.7- 94.7	81.7	M
1	4	10.673	10.671	0.002	87008416	1.10	75.4- 115.4	133.6	M
1	5	11.234	11.236	-0.002	72395175	1.54	37.4- 77.4	111.1	M
			Average of Peak Amounts =			1.04			
2	100	10.380	10.382	-0.002	183900871	0.9512		100.0	M
2	2	11.406	11.398	0.008	166187007	0.6603	108.0- 148.0	90.4	M
2	3	11.745	11.746	-0.001	177517569	1.88	28.1- 68.1	96.5	M
2	4	12.150	12.148	0.002	180825847	0.9848	72.6- 112.6	98.3	M
2	5	12.531	12.534	-0.003	59492552	0.9823	9.6- 49.6	32.4	M
			Average of Peak Amounts =			1.09			
						RPD = 4.64			

QC Flag Legend

Review Flags
M - Manually Integrated

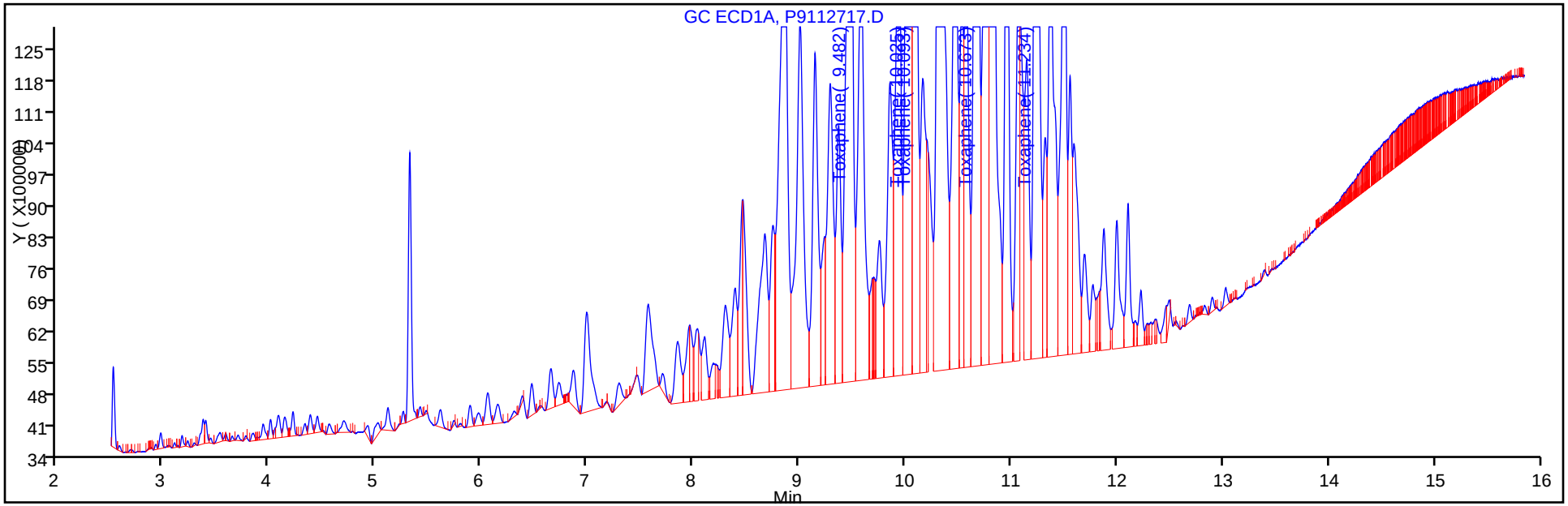
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

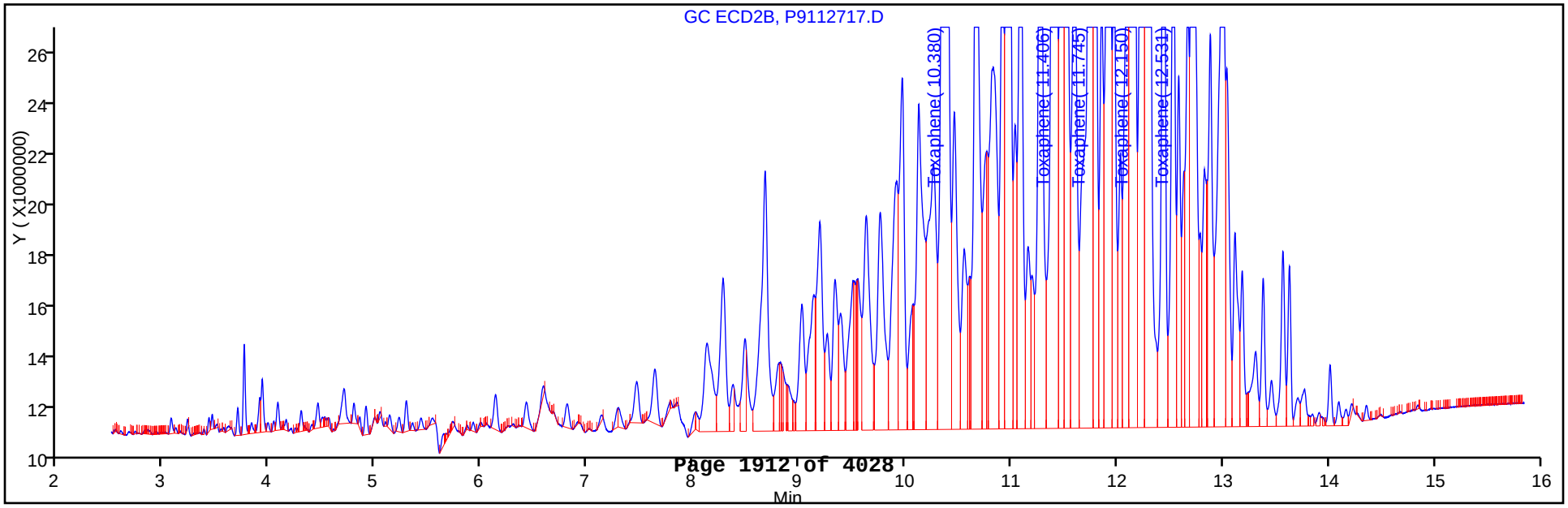
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Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



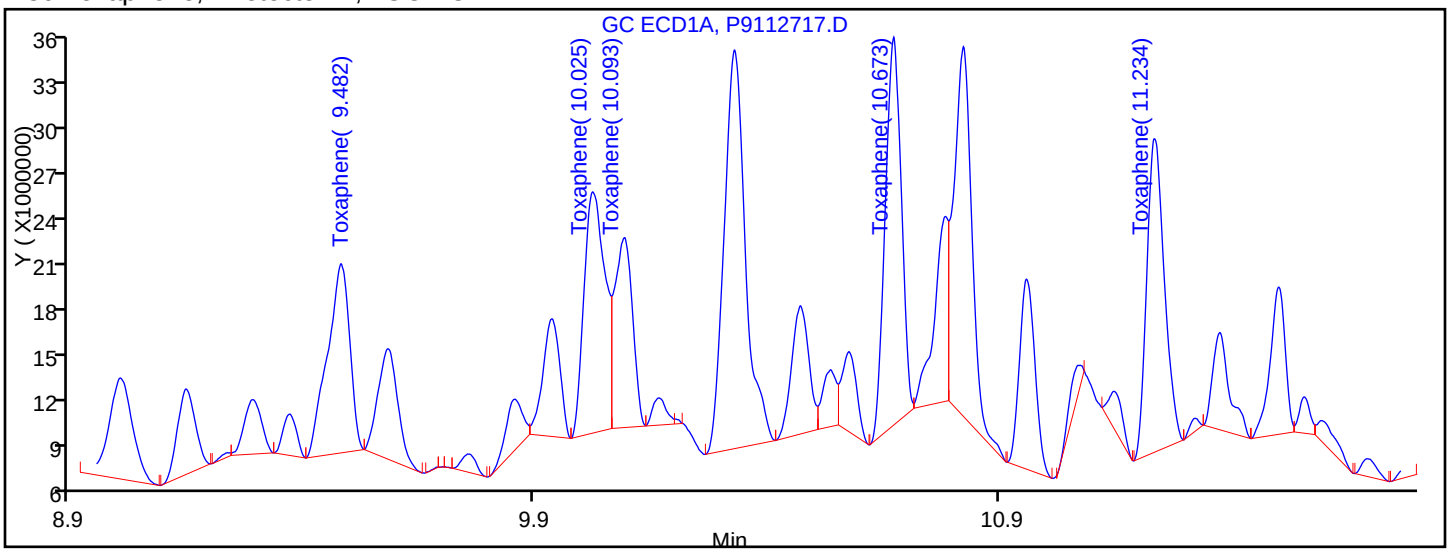
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D

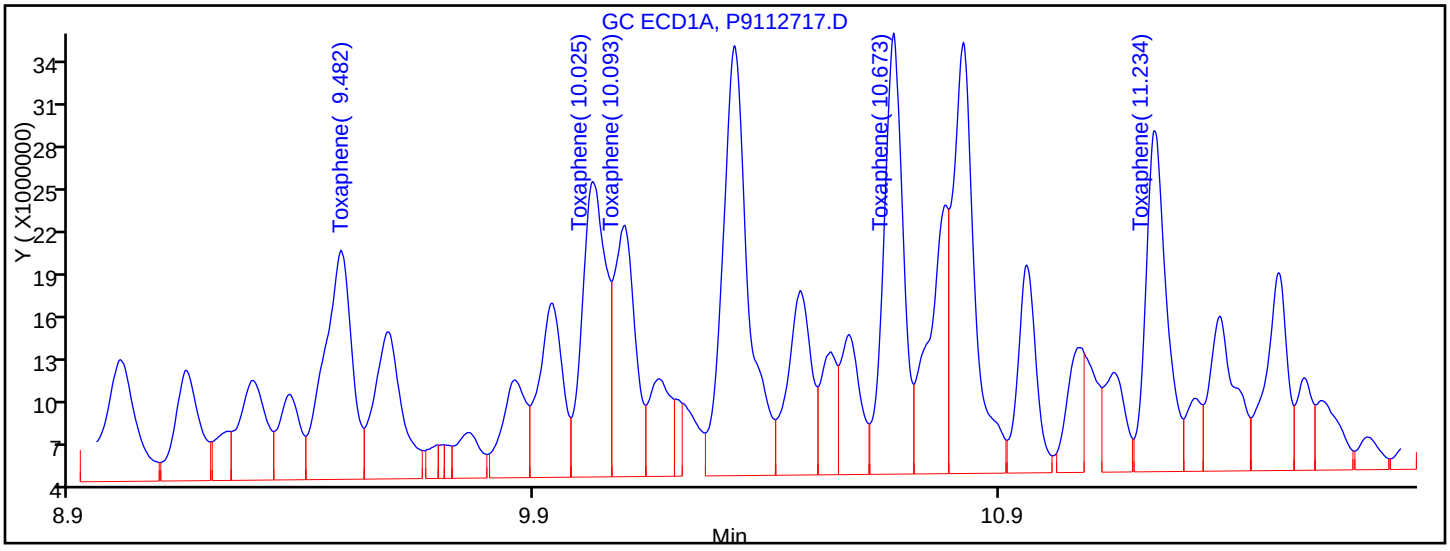
Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.482	Response = 41051884	M
RT = 10.025	Response = 49712306	M
RT = 10.093	Response = 32437945	M
RT = 10.673	Response = 60801222	M
RT = 11.234	Response = 53938157	M



Manual Integration Results

RT = 9.482	Response = 65143349	M
RT = 10.025	Response = 72538248	M
RT = 10.093	Response = 53226427	M
RT = 10.673	Response = 87008416	M
RT = 11.234	Response = 72395175	M

Reviewer: vandorenc, 29-Nov-2012 09:52:02

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/17 Calibration Date: 11/28/2012 09:09

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112717.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	193329374	183900871		0.951	1.00	-4.9	20.0
Toxaphene Peak 2	Ave	251674328	166187007		0.660	1.00	-34.0*	20.0
Toxaphene Peak 3	Ave	94342583	177517569		1.88	1.00	88.2*	20.0
Toxaphene Peak 4	Ave	183622795	180825847		0.985	1.00	-1.5	20.0
Toxaphene Peak 5	Ave	60562274	59492552		0.982	1.00	-1.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: ICV 240-66500/17 Calibration Date: 11/28/2012 09:09

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112717.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.38	10.35	10.41
Toxaphene Peak 2	11.41	11.37	11.43
Toxaphene Peak 3	11.75	11.72	11.78
Toxaphene Peak 4	12.15	12.12	12.18
Toxaphene Peak 5	12.53	12.50	12.56

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D
Lims ID: ICV Client ID:
Inject. Date: 28-Nov-2012 09:09:28 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015316-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 66500 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 09:55:29 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 09:52:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.482	9.486	-0.004	65143349	0.7910		100.0	M
1	2	10.025	10.024	0.001	72538248	0.9000	75.2- 115.2	111.4	M
1	3	10.093	10.091	0.002	53226427	0.8854	54.7- 94.7	81.7	M
1	4	10.673	10.671	0.002	87008416	1.10	75.4- 115.4	133.6	M
1	5	11.234	11.236	-0.002	72395175	1.54	37.4- 77.4	111.1	M
			Average of Peak Amounts =			1.04			
2	100	10.380	10.382	-0.002	183900871	0.9512		100.0	M
2	2	11.406	11.398	0.008	166187007	0.6603	108.0- 148.0	90.4	M
2	3	11.745	11.746	-0.001	177517569	1.88	28.1- 68.1	96.5	M
2	4	12.150	12.148	0.002	180825847	0.9848	72.6- 112.6	98.3	M
2	5	12.531	12.534	-0.003	59492552	0.9823	9.6- 49.6	32.4	M
			Average of Peak Amounts =			1.09			
						RPD = 4.64			

QC Flag Legend

Review Flags
M - Manually Integrated

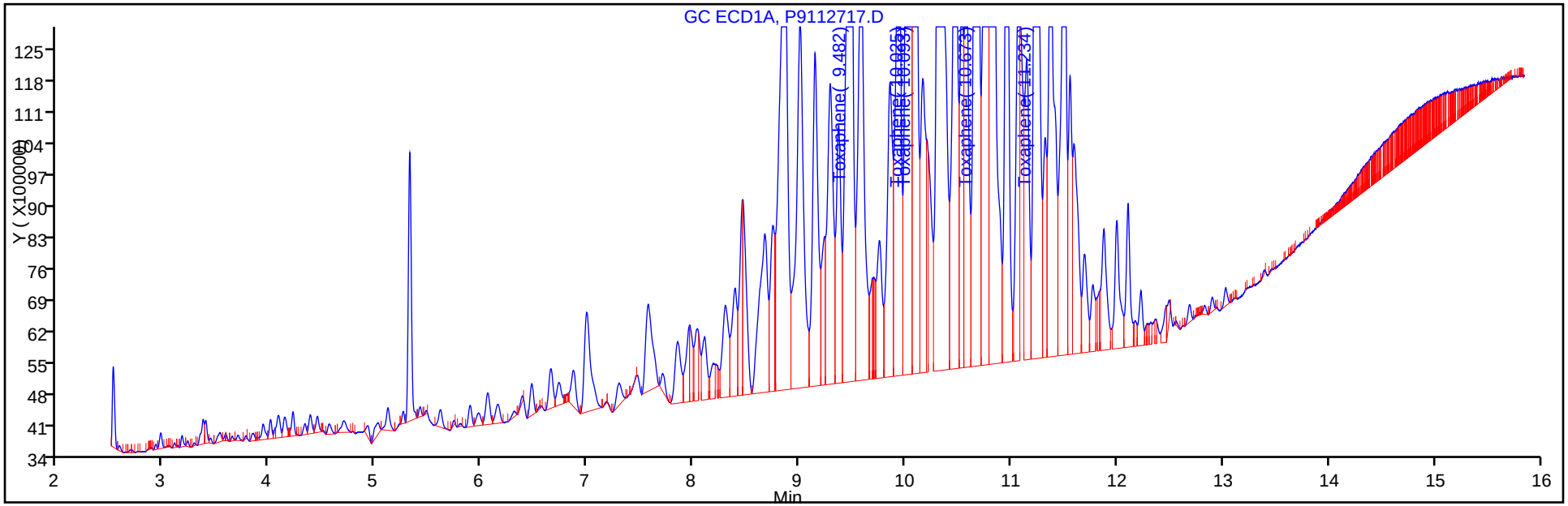
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TestAmerica Canton

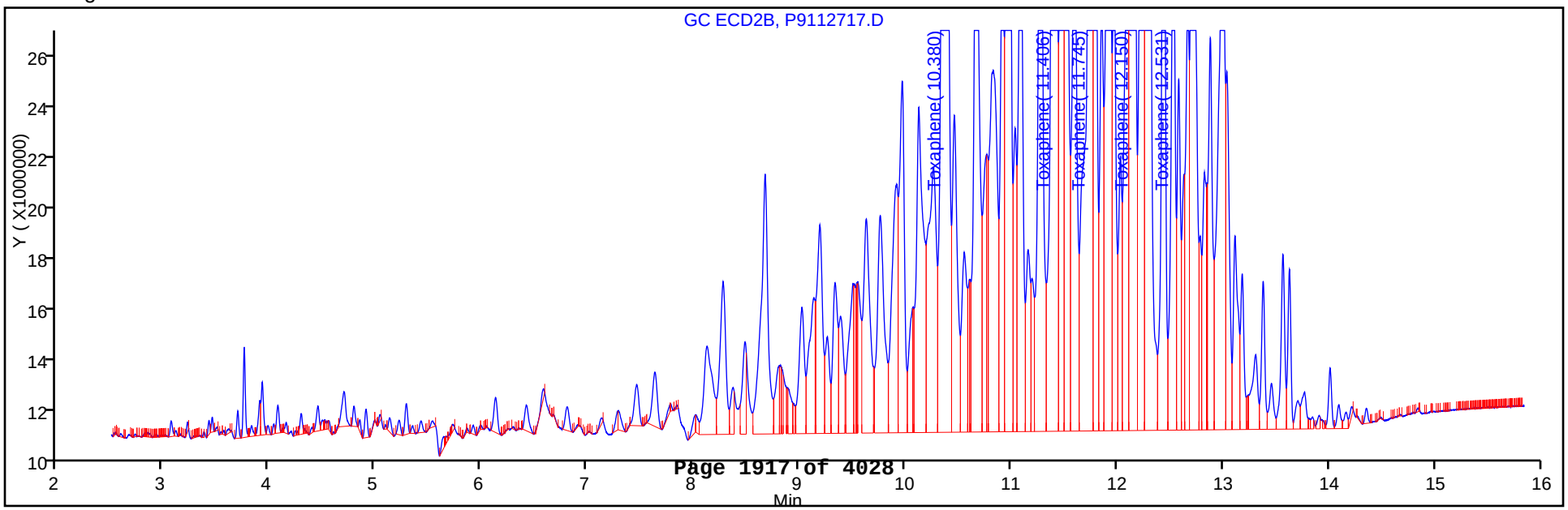
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D

Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



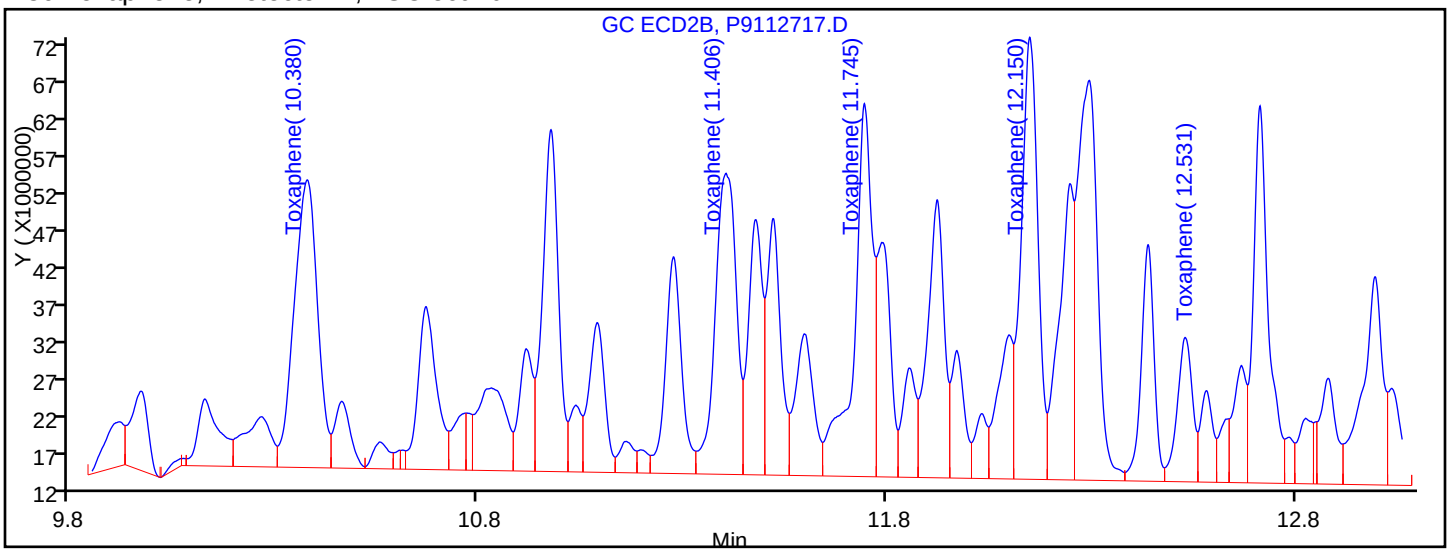
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D

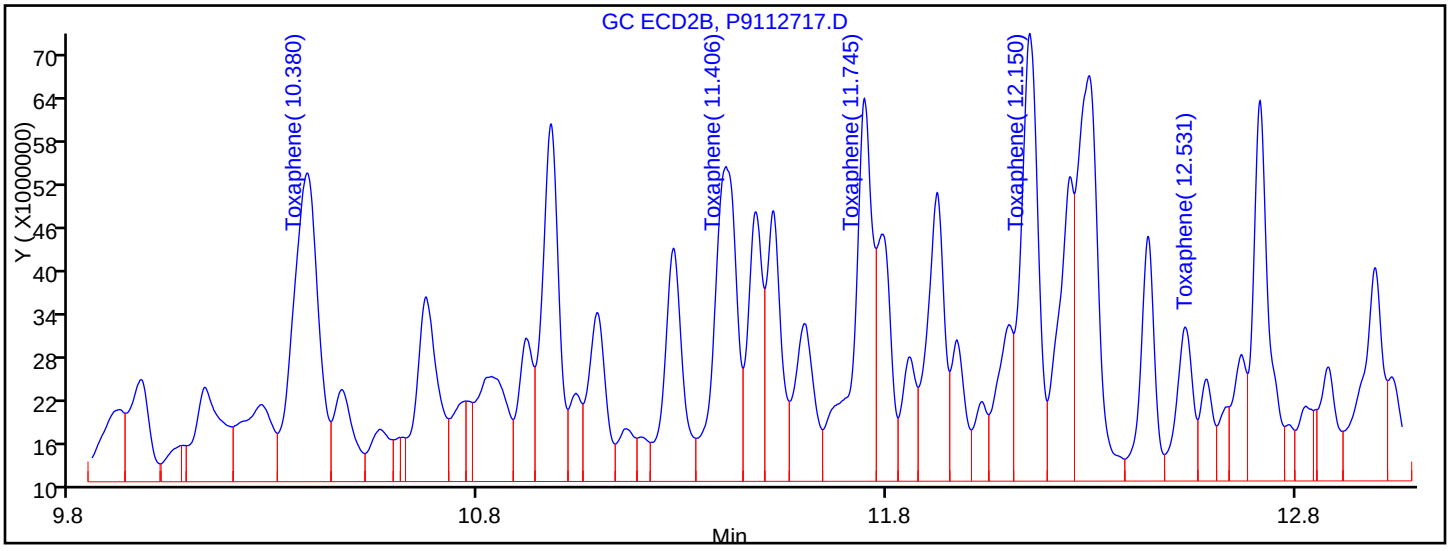
Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.380	Response = 154227357	M
RT = 11.406	Response = 146641355	M
RT = 11.745	Response = 157635027	M
RT = 12.150	Response = 170404458	M
RT = 12.531	Response = 50855560	M



Manual Integration Results

RT = 10.380	Response = 183900871	M
RT = 11.406	Response = 166187007	M
RT = 11.745	Response = 177517569	M
RT = 12.150	Response = 180825847	M
RT = 12.531	Response = 59492552	M

Reviewer: vandorenc, 29-Nov-2012 09:52:02

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/30 Calibration Date: 11/28/2012 15:08

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112730.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3168667215	3778911440		0.0298	0.0250	19.3	20.0
gamma-BHC (Lindane)	Ave	2696239648	3128234760		0.0290	0.0250	16.0	20.0
beta-BHC	Ave	1192117427	1388909440		0.0291	0.0250	16.5	20.0
delta-BHC	Ave	2593377382	3186616440		0.0307	0.0250	22.9*	20.0
Heptachlor	Ave	2436929739	2818097360		0.0289	0.0250	15.6	20.0
Aldrin	Ave	2967053625	3523978400		0.0297	0.0250	18.8	20.0
Heptachlor epoxide	Ave	2465306798	2921293600		0.0296	0.0250	18.5	20.0
gamma-Chlordane	Ave	2642311293	3105597640		0.0294	0.0250	17.5	20.0
alpha-Chlordane	Ave	2713419924	3192427440		0.0294	0.0250	17.7	20.0
Endosulfan I	Ave	2329014810	2778540920		0.0298	0.0250	19.3	20.0
4,4'-DDE	Ave	2894548445	3427364320		0.0296	0.0250	18.4	20.0
Dieldrin	Ave	2429335459	2888296840		0.0297	0.0250	18.9	20.0
Endrin	Ave	2233310440	2619065360		0.0293	0.0250	17.3	20.0
4,4'-DDD	Ave	1791905190	2239551960		0.0312	0.0250	25.0*	20.0
Endosulfan II	Ave	2120779171	2591974160		0.0306	0.0250	22.2*	20.0
4,4'-DDT	Ave	1420166233	1646132920		0.0290	0.0250	15.9	20.0
Endrin aldehyde	Ave	1574397867	1881319840		0.0299	0.0250	19.5	20.0
Methoxychlor	Ave	679722133	819089120		0.0301	0.0250	20.5*	20.0
Endosulfan sulfate	Ave	1727152069	2140127480		0.0310	0.0250	23.9*	20.0
Endrin ketone	Ave	1892819765	2282915440		0.0302	0.0250	20.6*	20.0
Tetrachloro-m-xylene	Ave	2415797538	2637612000		0.0273	0.0250	9.2	20.0
DCB Decachlorobiphenyl	Ave	2061793819	2425132520		0.0294	0.0250	17.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/30 Calibration Date: 11/28/2012 15:08

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112730.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.23	4.20	4.26
gamma-BHC (Lindane)	4.61	4.58	4.64
beta-BHC	4.74	4.71	4.77
delta-BHC	4.96	4.93	4.99
Heptachlor	5.24	5.21	5.28
Aldrin	5.71	5.68	5.74
Heptachlor epoxide	6.96	6.93	6.99
gamma-Chlordane	7.28	7.25	7.31
alpha-Chlordane	7.62	7.59	7.65
Endosulfan I	7.90	7.87	7.93
4,4'-DDE	8.00	7.97	8.03
Dieldrin	8.46	8.43	8.49
Endrin	8.91	8.88	8.94
4,4'-DDD	9.26	9.23	9.29
Endosulfan II	9.36	9.33	9.39
4,4'-DDT	9.78	9.75	9.81
Endrin aldehyde	10.14	10.11	10.17
Methoxychlor	10.72	10.69	10.75
Endosulfan sulfate	10.86	10.83	10.89
Endrin ketone	11.26	11.23	11.29
Tetrachloro-m-xylene	3.54	3.51	3.57
DCB Decachlorobiphenyl	12.86	12.83	12.89

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112730.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 28-Nov-2012 15:08:10 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-030
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 66500 Lims Sample ID: 30
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:36 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	65940300	0.0273			
2	100	4.141	4.141	0.000	184680112	0.0260			
						RPD = 4.93			
5 alpha-BHC									
1	100	4.226	4.226	0.000	94472786	0.0298			
2	100	4.979	4.979	0.000	280367323	0.0282			
						RPD = 5.55			
20 gamma-BHC (Lindane)									
1	100	4.606	4.606	0.000	78205869	0.0290			
2	100	5.548	5.548	0.000	229651989	0.0277			
						RPD = 4.64			
7 beta-BHC									
1	100	4.739	4.739	0.000	34722736	0.0291			
2	100	5.728	5.728	0.000	103302527	0.0287			
						RPD = 1.65			
11 delta-BHC									
1	100	4.957	4.957	0.000	79665411	0.0307			
2	100	6.292	6.292	0.000	234634665	0.0297			
						RPD = 3.53			
22 Heptachlor									
1	100	5.244	5.244	0.000	70452434	0.0289			
2	100	6.394	6.394	0.000	196270896	0.0275			
						RPD = 5.05			
4 Aldrin									
1	100	5.705	5.705	0.000	88099460	0.0297			
2	100	7.131	7.131	0.000	234516325	0.0285			
						RPD = 3.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	73032340	0.0296			
2	100	8.606	8.606	0.000	193557459	0.0283			
						RPD = 4.46			
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	77639941	0.0294			
2	100	9.026	9.026	0.000	195442266	0.0280			
						RPD = 4.66			
6 alpha-Chlordane									
1	100	7.624	7.624	0.000	79810686	0.0294			
2	100	9.336	9.336	0.000	197588591	0.0281			
						RPD = 4.66			
14 Endosulfan I									
1	100	7.898	7.898	0.000	69463523	0.0298			
2	100	9.396	9.396	0.000	163270777	0.0283			
						RPD = 5.08			
2 4,4'-DDE									
1	100	7.997	7.997	0.000	85684108	0.0296			
2	100	9.788	9.788	0.000	199767202	0.0277			
						RPD = 6.57			
13 Dieldrin									
1	100	8.458	8.458	0.000	72207421	0.0297			
2	100	9.927	9.927	0.000	178282638	0.0282			
						RPD = 5.19			
17 Endrin									
1	100	8.909	8.909	0.000	65476634	0.0293			
2	100	10.446	10.446	0.000	161963659	0.0278			
						RPD = 5.19			
1 4,4'-DDD									
1	100	9.264	9.264	0.000	55988799	0.0312			
2	100	10.810	10.810	0.000	282752839	0.0288			
						RPD = 8.06			
15 Endosulfan II									
1	100	9.355	9.355	0.000	64799354	0.0306			
2	100	10.810	10.810	0.000	282752839	0.0288			
						RPD = 5.83			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	41153323	0.0290			
2	100	11.293	11.293	0.000	92318094	0.0277			
						RPD = 4.42			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	47032996	0.0299			
2	100	11.385	11.385	0.000	109164684	0.0285			
						RPD = 4.59			
27 Methoxychlor									
1	100	10.723	10.723	0.000	20477228	0.0301			
2	100	12.366	12.366	0.000	45603564	0.0274			
						RPD = 9.35			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.861	10.861	0.000	53503187	0.0310			
2	100	11.816	11.816	0.000	125321293	0.0290			
						RPD = 6.43			
19 Endrin ketone									
1	100	11.260	11.260	0.000	57072886	0.0302			
2	100	12.552	12.552	0.000	124515955	0.0284			
						RPD = 5.98			
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.863	0.000	60628313	0.0294			
2	100	14.325	14.325	0.000	128443231	0.0271			
						RPD = 8.00			

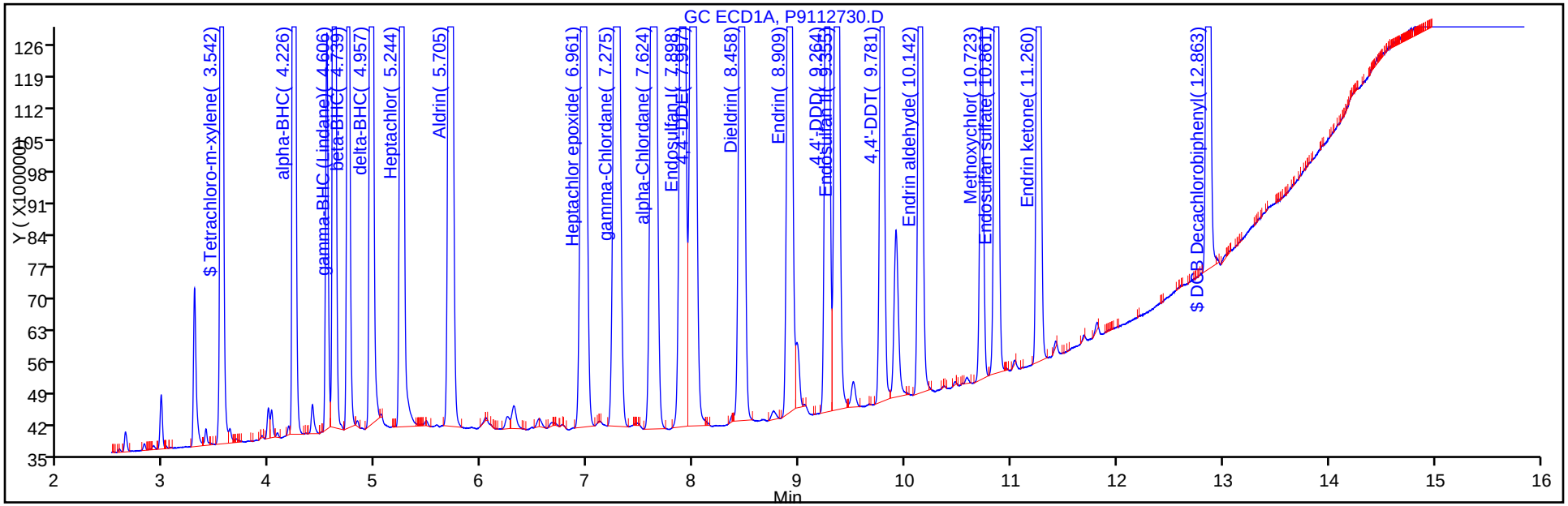
Report Date: 29-Nov-2012 11:21:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

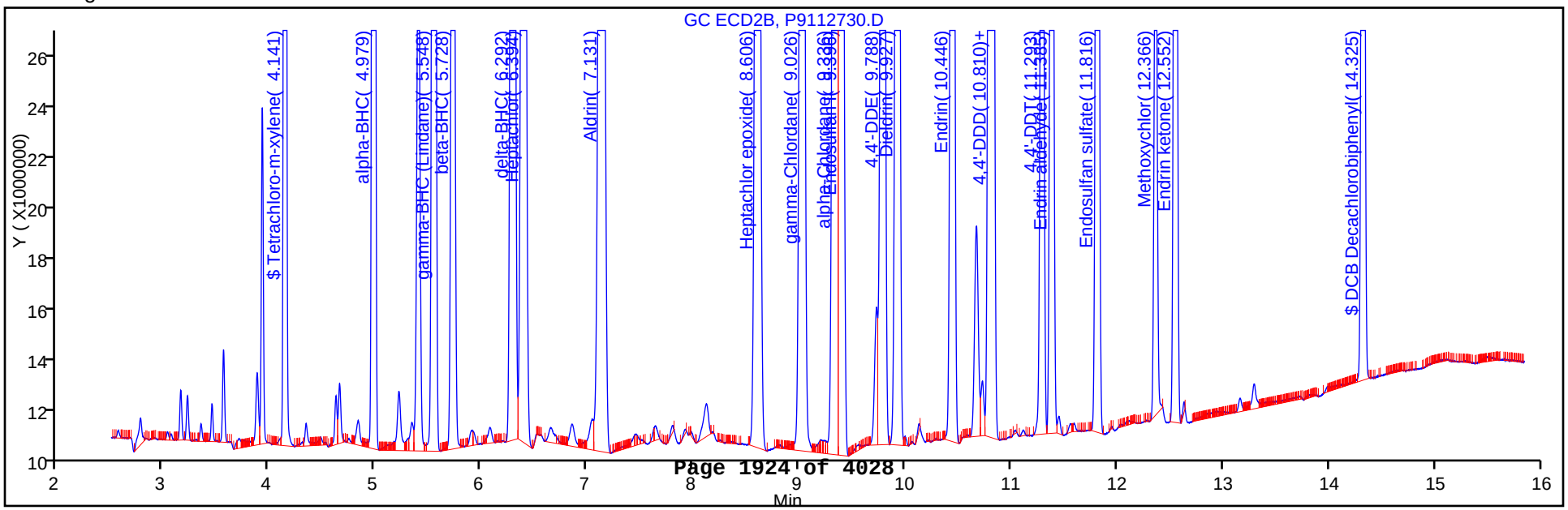
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112730.D

Injection Date:	28-Nov-2012 15:08:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	30
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/30 Calibration Date: 11/28/2012 15:08

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112730.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	9940089371	11214692920		0.0282	0.0250	12.8	20.0
gamma-BHC (Lindane)	Ave	8293601368	9186079560		0.0277	0.0250	10.8	20.0
beta-BHC	Ave	3605562217	4132101080		0.0287	0.0250	14.6	20.0
delta-BHC	Ave	7912733268	9385386600		0.0297	0.0250	18.6	20.0
Heptachlor	Ave	7140697065	7850835840		0.0275	0.0250	9.9	20.0
Aldrin	Ave	8215129958	9380653000		0.0285	0.0250	14.2	20.0
Heptachlor epoxide	Ave	6831839093	7742298360		0.0283	0.0250	13.3	20.0
gamma-Chlordane	Ave	6968754018	7817690640		0.0280	0.0250	12.2	20.0
alpha-Chlordane	Ave	7037942515	7903543640		0.0281	0.0250	12.3	20.0
Endosulfan I	Ave	5759774207	6530831080		0.0283	0.0250	13.4	20.0
4,4'-DDE	Ave	7207034711	7990688080		0.0277	0.0250	10.9	20.0
Dieldrin	Ave	6317654321	7131305520		0.0282	0.0250	12.9	20.0
Endrin	Ave	5818678867	6478546360		0.0278	0.0250	11.3	20.0
4,4'-DDD	Ave	9809607119	11310113560		0.0288	0.0250	15.3	20.0
Endosulfan II	Ave	9809607119	11310113560		0.0288	0.0250	15.3	20.0
4,4'-DDT	Ave	3329664076	3692723760		0.0277	0.0250	10.9	20.0
Endrin aldehyde	Ave	3825777334	4366587360		0.0285	0.0250	14.1	20.0
Endosulfan sulfate	Ave	4314206102	5012851720		0.0290	0.0250	16.2	20.0
Methoxychlor	Ave	1662173652	1824142560		0.0274	0.0250	9.7	20.0
Endrin ketone	Ave	4384149523	4980638200		0.0284	0.0250	13.6	20.0
Tetrachloro-m-xylene	Ave	7107894572	7387204480		0.0260	0.0250	3.9	20.0
DCB Decachlorobiphenyl	Ave	4732054895	5137729240		0.0271	0.0250	8.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/30 Calibration Date: 11/28/2012 15:08

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9112730.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.98	4.95	5.01
gamma-BHC (Lindane)	5.55	5.52	5.58
beta-BHC	5.73	5.70	5.76
delta-BHC	6.29	6.26	6.32
Heptachlor	6.39	6.36	6.43
Aldrin	7.13	7.10	7.16
Heptachlor epoxide	8.61	8.58	8.64
gamma-Chlordane	9.03	9.00	9.06
alpha-Chlordane	9.34	9.31	9.37
Endosulfan I	9.40	9.37	9.43
4,4'-DDE	9.79	9.76	9.82
Dieldrin	9.93	9.90	9.96
Endrin	10.45	10.42	10.48
4,4'-DDD	10.81	10.78	10.84
Endosulfan II	10.81	10.78	10.84
4,4'-DDT	11.29	11.26	11.32
Endrin aldehyde	11.39	11.36	11.42
Endosulfan sulfate	11.82	11.79	11.85
Methoxychlor	12.37	12.34	12.40
Endrin ketone	12.55	12.52	12.58
Tetrachloro-m-xylene	4.14	4.11	4.17
DCB Decachlorobiphenyl	14.33	14.30	14.36

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112730.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 28-Nov-2012 15:08:10 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-030
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 66500 Lims Sample ID: 30
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:36 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	65940300	0.0273			
2	100	4.141	4.141	0.000	184680112	0.0260			
						RPD = 4.93			
5 alpha-BHC									
1	100	4.226	4.226	0.000	94472786	0.0298			
2	100	4.979	4.979	0.000	280367323	0.0282			
						RPD = 5.55			
20 gamma-BHC (Lindane)									
1	100	4.606	4.606	0.000	78205869	0.0290			
2	100	5.548	5.548	0.000	229651989	0.0277			
						RPD = 4.64			
7 beta-BHC									
1	100	4.739	4.739	0.000	34722736	0.0291			
2	100	5.728	5.728	0.000	103302527	0.0287			
						RPD = 1.65			
11 delta-BHC									
1	100	4.957	4.957	0.000	79665411	0.0307			
2	100	6.292	6.292	0.000	234634665	0.0297			
						RPD = 3.53			
22 Heptachlor									
1	100	5.244	5.244	0.000	70452434	0.0289			
2	100	6.394	6.394	0.000	196270896	0.0275			
						RPD = 5.05			
4 Aldrin									
1	100	5.705	5.705	0.000	88099460	0.0297			
2	100	7.131	7.131	0.000	234516325	0.0285			
						RPD = 3.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	73032340	0.0296			
2	100	8.606	8.606	0.000	193557459	0.0283			
						RPD = 4.46			
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	77639941	0.0294			
2	100	9.026	9.026	0.000	195442266	0.0280			
						RPD = 4.66			
6 alpha-Chlordane									
1	100	7.624	7.624	0.000	79810686	0.0294			
2	100	9.336	9.336	0.000	197588591	0.0281			
						RPD = 4.66			
14 Endosulfan I									
1	100	7.898	7.898	0.000	69463523	0.0298			
2	100	9.396	9.396	0.000	163270777	0.0283			
						RPD = 5.08			
2 4,4'-DDE									
1	100	7.997	7.997	0.000	85684108	0.0296			
2	100	9.788	9.788	0.000	199767202	0.0277			
						RPD = 6.57			
13 Dieldrin									
1	100	8.458	8.458	0.000	72207421	0.0297			
2	100	9.927	9.927	0.000	178282638	0.0282			
						RPD = 5.19			
17 Endrin									
1	100	8.909	8.909	0.000	65476634	0.0293			
2	100	10.446	10.446	0.000	161963659	0.0278			
						RPD = 5.19			
1 4,4'-DDD									
1	100	9.264	9.264	0.000	55988799	0.0312			
2	100	10.810	10.810	0.000	282752839	0.0288			
						RPD = 8.06			
15 Endosulfan II									
1	100	9.355	9.355	0.000	64799354	0.0306			
2	100	10.810	10.810	0.000	282752839	0.0288			
						RPD = 5.83			
3 4,4'-DDT									
1	100	9.781	9.781	0.000	41153323	0.0290			
2	100	11.293	11.293	0.000	92318094	0.0277			
						RPD = 4.42			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	47032996	0.0299			
2	100	11.385	11.385	0.000	109164684	0.0285			
						RPD = 4.59			
27 Methoxychlor									
1	100	10.723	10.723	0.000	20477228	0.0301			
2	100	12.366	12.366	0.000	45603564	0.0274			
						RPD = 9.35			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.861	10.861	0.000	53503187	0.0310			
2	100	11.816	11.816	0.000	125321293	0.0290			
						RPD = 6.43			
19 Endrin ketone									
1	100	11.260	11.260	0.000	57072886	0.0302			
2	100	12.552	12.552	0.000	124515955	0.0284			
						RPD = 5.98			
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.863	0.000	60628313	0.0294			
2	100	14.325	14.325	0.000	128443231	0.0271			
						RPD = 8.00			

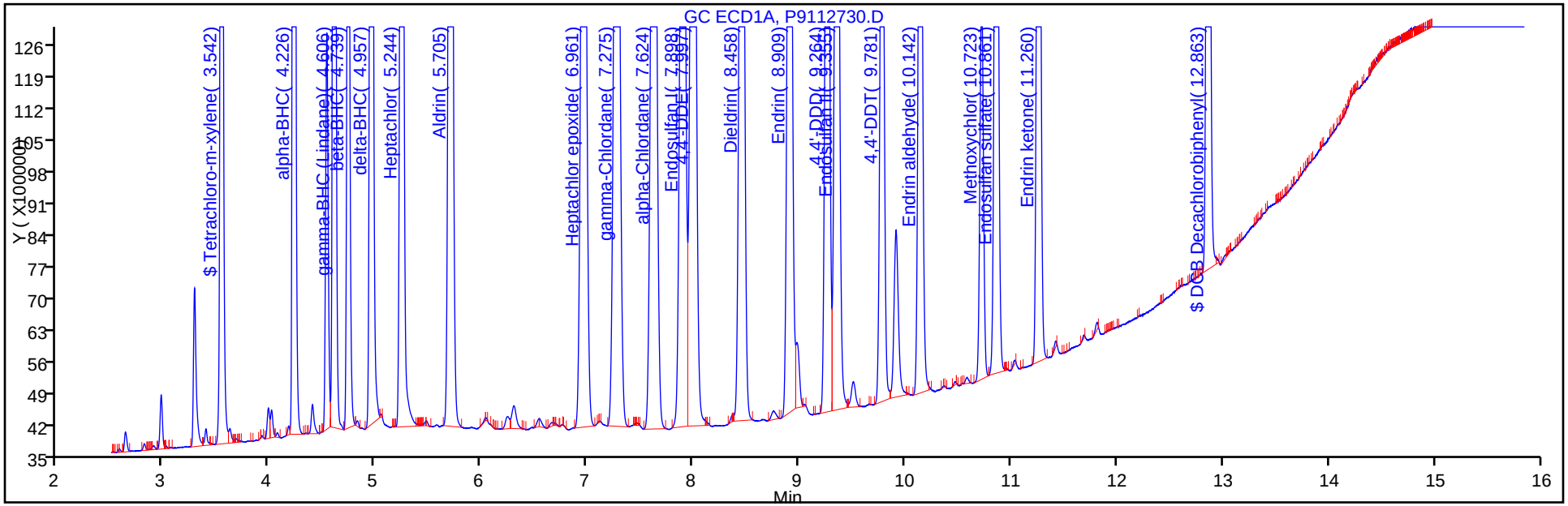
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TestAmerica Canton

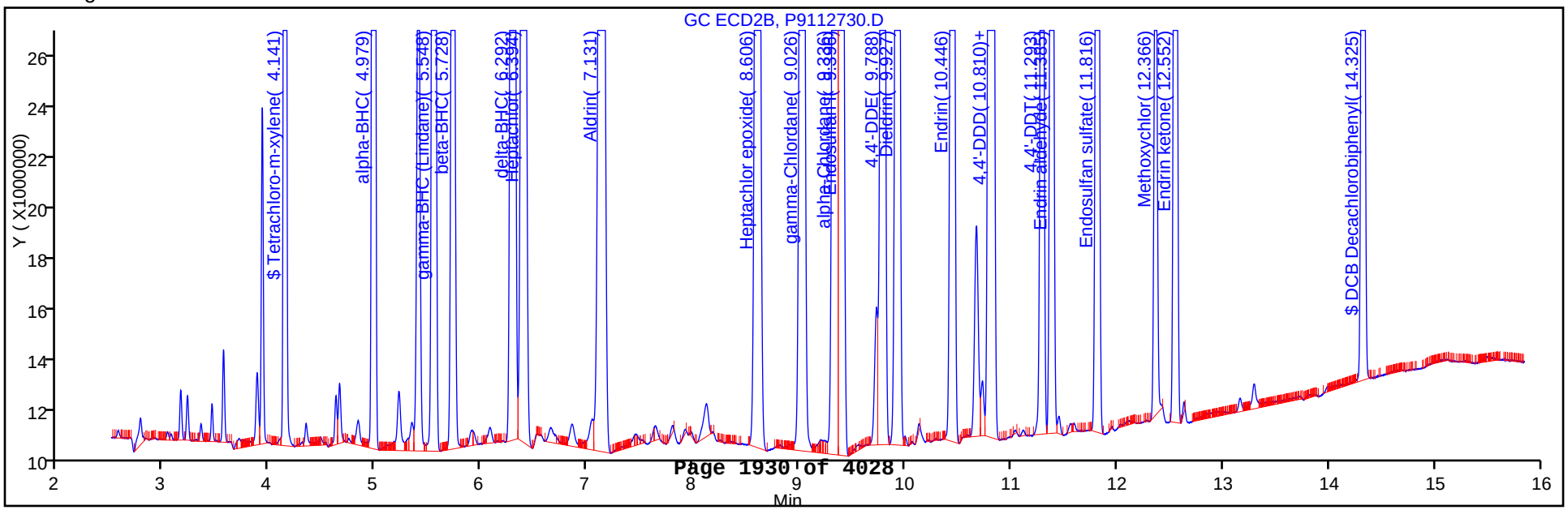
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Injection Date:	28-Nov-2012 15:08:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	30
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/52 Calibration Date: 11/29/2012 01:13

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112752.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	82355349	97106210		1.18	1.00	17.9	20.0
Toxaphene Peak 2	Ave	80598016	89173893		1.11	1.00	10.6	20.0
Toxaphene Peak 3	Ave	60115062	71648557		1.19	1.00	19.2	20.0
Toxaphene Peak 4	Ave	79190156	84748411		1.07	1.00	7.0	20.0
Toxaphene Peak 5	Ave	47091318	48315079		1.03	1.00	2.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/52 Calibration Date: 11/29/2012 01:13

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112752.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.48	9.45	9.51
Toxaphene Peak 2	10.02	9.99	10.05
Toxaphene Peak 3	10.09	10.06	10.12
Toxaphene Peak 4	10.67	10.64	10.70
Toxaphene Peak 5	11.23	11.20	11.26

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112752.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 29-Nov-2012 01:13:49 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-052
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 52
Lims Batch ID: 66500 Lims Sample ID: 52
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:58 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:12:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.483	9.483	0.000	97106210	1.18		100.0	M
1	2	10.023	10.023	0.000	89173893	1.11	75.2- 115.2	91.8	M
1	3	10.091	10.091	0.000	71648557	1.19	54.7- 94.7	73.8	M
1	4	10.671	10.671	0.000	84748411	1.07	75.4- 115.4	87.3	M
1	5	11.233	11.233	0.000	48315079	1.03	37.4- 77.4	49.8	M
			Average of Peak Amounts =			1.11			
2	100	10.382	10.382	0.000	207068248	1.07		100.0	
2	2	11.399	11.399	0.000	263105114	1.05	108.0- 148.0	127.1	
2	3	11.746	11.746	0.000	89272603	0.9463	28.1- 68.1	43.1	
2	4	12.148	12.148	0.000	178982831	0.9747	72.6- 112.6	86.4	
2	5	12.535	12.535	0.000	48858153	0.8067	9.6- 49.6	23.6	
			Average of Peak Amounts =			0.9688			
						RPD = 14.00			

QC Flag Legend

Review Flags
M - Manually Integrated

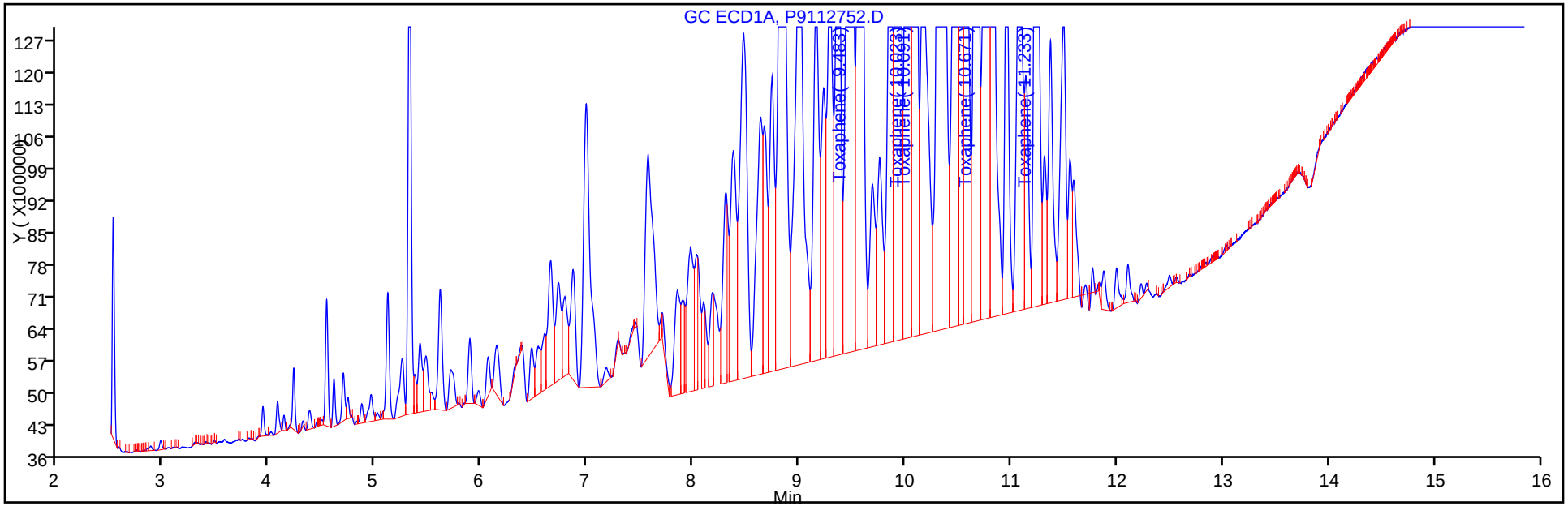
Report Date: 29-Nov-2012 11:21:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

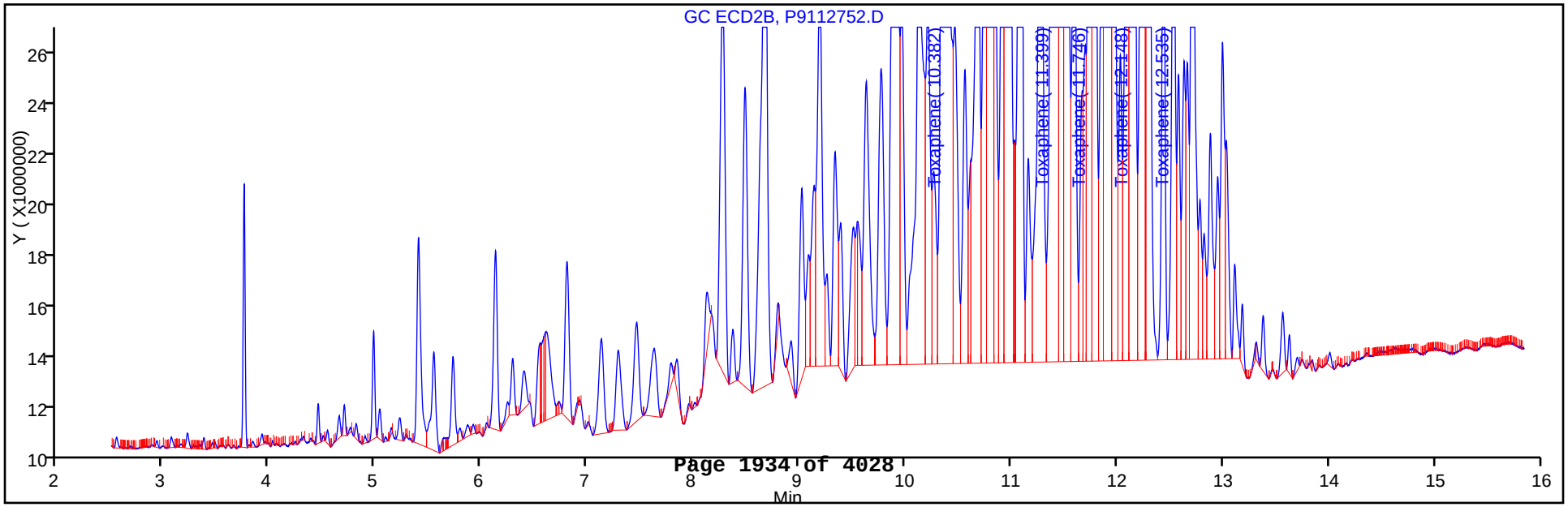
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Injection Date:	29-Nov-2012 01:13:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	52
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



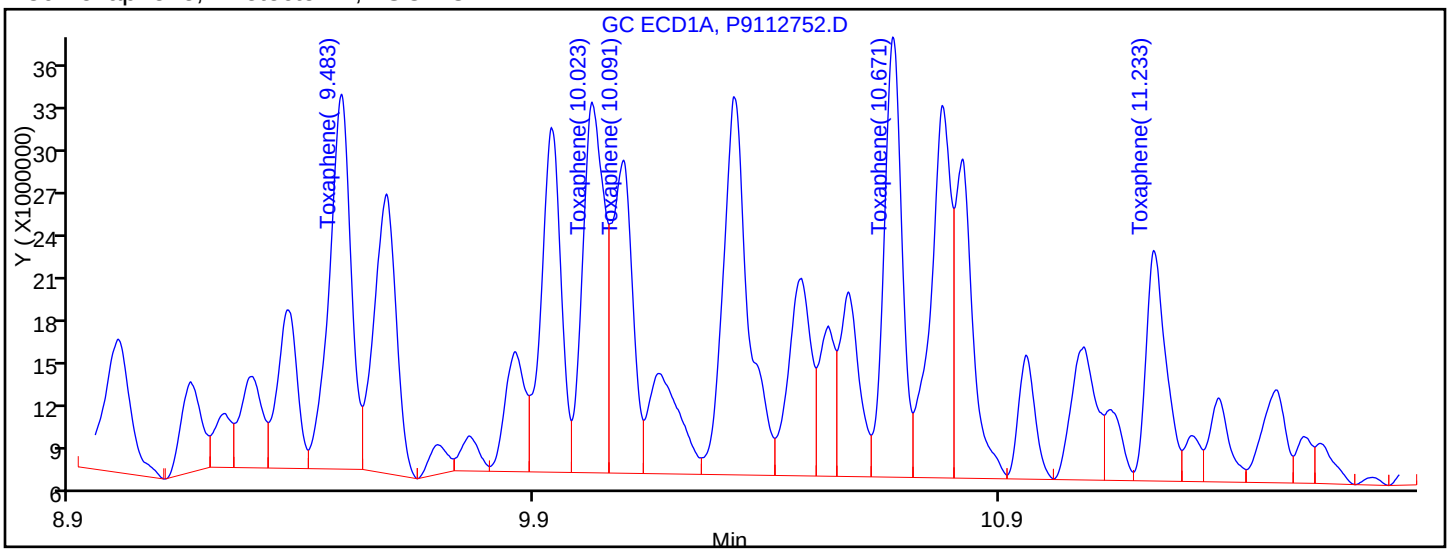
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TestAmerica Canton

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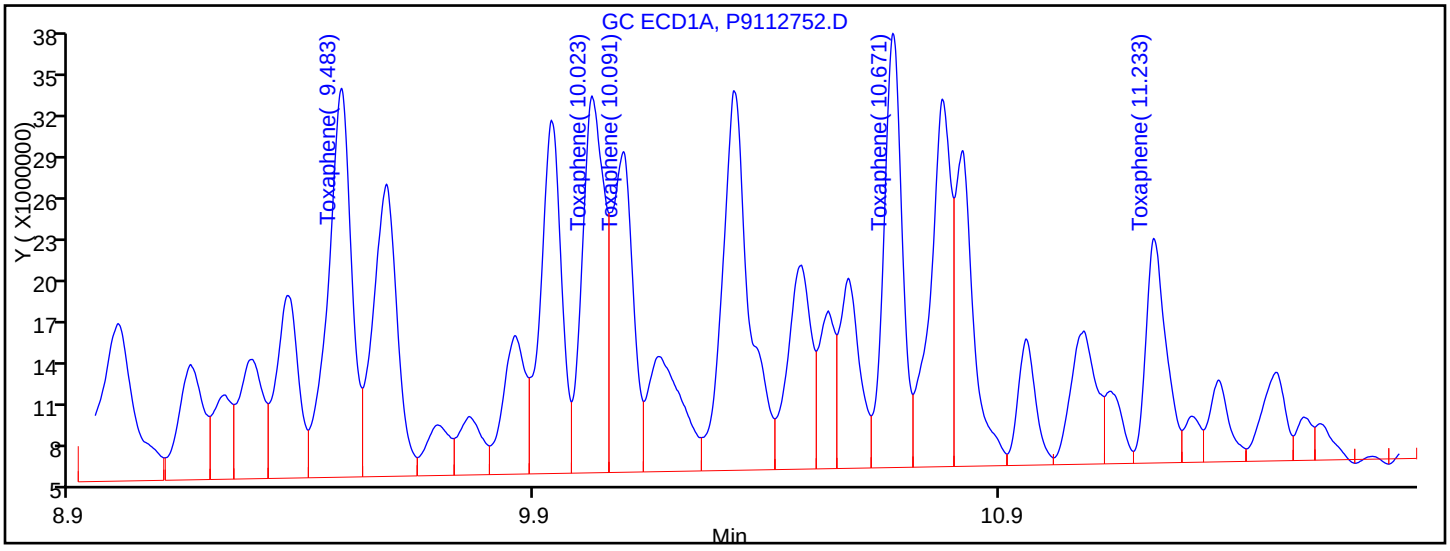
Injection Date:	29-Nov-2012 01:13:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	52
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.483	Response = 82766213	M
RT = 10.023	Response = 81990949	M
RT = 10.091	Response = 65414710	M
RT = 10.671	Response = 80383491	M
RT = 11.233	Response = 46961113	M



Manual Integration Results

RT = 9.483	Response = 97106210	M
RT = 10.023	Response = 89173893	M
RT = 10.091	Response = 71648557	M
RT = 10.671	Response = 84748411	M
RT = 11.233	Response = 48315079	M

Reviewer: vandorenc, 29-Nov-2012 10:12:05

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/52 Calibration Date: 11/29/2012 01:13

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112752.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	193329374	207068248		1.07	1.00	7.1	20.0
Toxaphene Peak 2	Ave	251674328	263105114		1.05	1.00	4.5	20.0
Toxaphene Peak 3	Ave	94342583	89272603		0.946	1.00	-5.4	20.0
Toxaphene Peak 4	Ave	183622795	178982831		0.975	1.00	-2.5	20.0
Toxaphene Peak 5	Ave	60562274	48858153		0.807	1.00	-19.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-66500/52 Calibration Date: 11/29/2012 01:13

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 06:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 08:42

Lab File ID: P9112752.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.38	10.35	10.41
Toxaphene Peak 2	11.40	11.37	11.43
Toxaphene Peak 3	11.75	11.72	11.78
Toxaphene Peak 4	12.15	12.12	12.18
Toxaphene Peak 5	12.54	12.51	12.57

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112752.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 29-Nov-2012 01:13:49 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-052
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 52
Lims Batch ID: 66500 Lims Sample ID: 52
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:58 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:12:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.483	9.483	0.000	97106210	1.18		100.0	M
1	2	10.023	10.023	0.000	89173893	1.11	75.2- 115.2	91.8	M
1	3	10.091	10.091	0.000	71648557	1.19	54.7- 94.7	73.8	M
1	4	10.671	10.671	0.000	84748411	1.07	75.4- 115.4	87.3	M
1	5	11.233	11.233	0.000	48315079	1.03	37.4- 77.4	49.8	M
			Average of Peak Amounts =			1.11			
2	100	10.382	10.382	0.000	207068248	1.07		100.0	
2	2	11.399	11.399	0.000	263105114	1.05	108.0- 148.0	127.1	
2	3	11.746	11.746	0.000	89272603	0.9463	28.1- 68.1	43.1	
2	4	12.148	12.148	0.000	178982831	0.9747	72.6- 112.6	86.4	
2	5	12.535	12.535	0.000	48858153	0.8067	9.6- 49.6	23.6	
			Average of Peak Amounts =			0.9688			
						RPD = 14.00			

QC Flag Legend

Review Flags
M - Manually Integrated

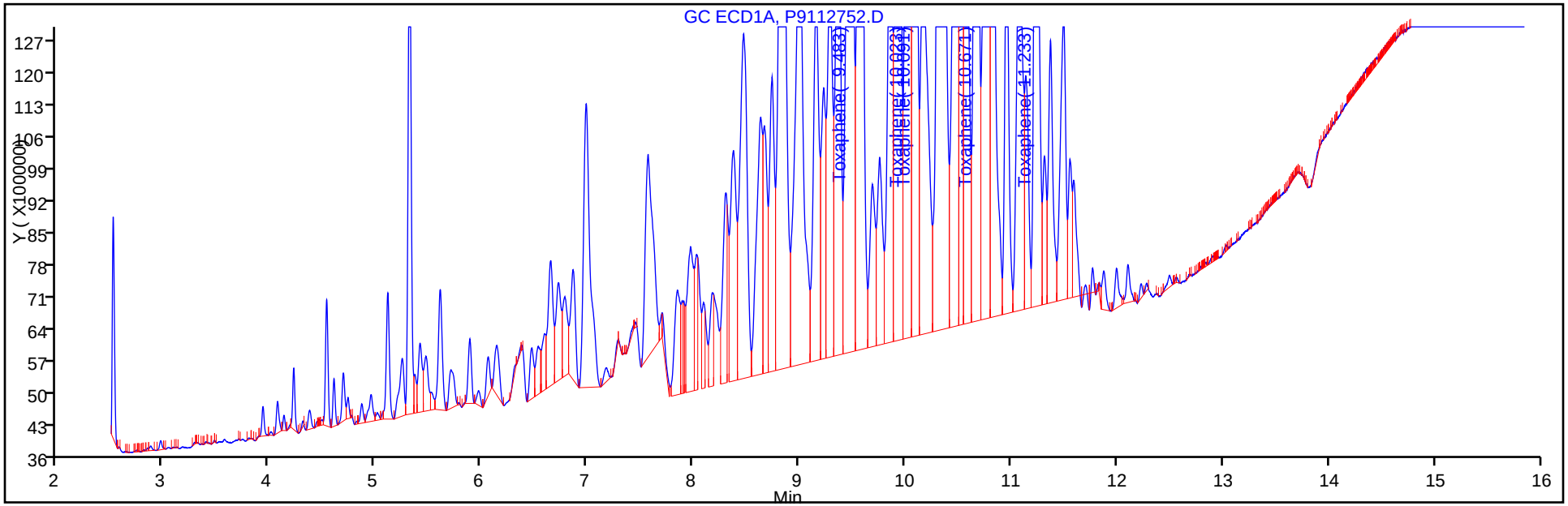
Report Date: 29-Nov-2012 11:21:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

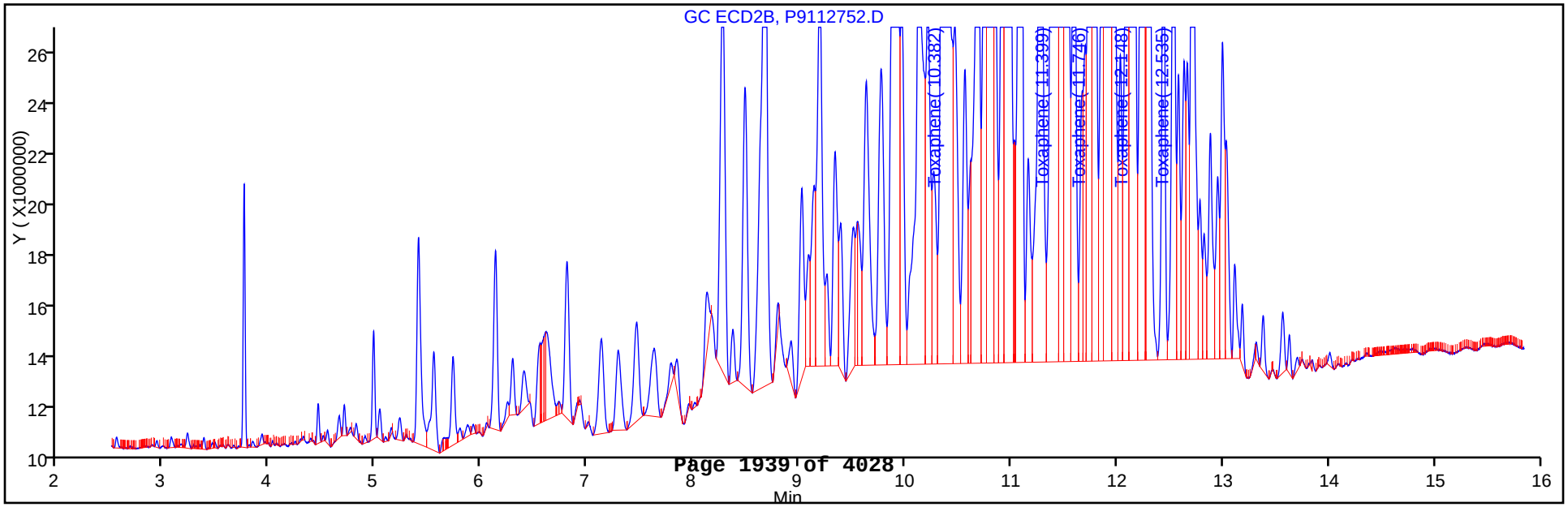
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Injection Date:	29-Nov-2012 01:13:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	52
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65501/9-A

Matrix: Solid Lab File ID: P9112728.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 30.00(g) Date Analyzed: 11/28/2012 14:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		55-130
877-09-8	Tetrachloro-m-xylene	75		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112728.D		
Lims ID:	MB 240-65501/9-A	Client ID:	
Inject. Date:	28-Nov-2012 14:12:51	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015316-028		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	66500	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 11:21:24	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: vandorenc		Date:	29-Nov-2012 10:39:34

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	36331375	0.0150			
2	100	4.141	4.140	0.001	108080675	0.0152			
						RPD = 1.10			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100		4.739						
2	100		5.726						
11 delta-BHC									
1	100		4.957						
2	100		6.292						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									
1	100		7.995						
2	100		9.785						
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	38404227	0.0186			
2	100	14.324	14.325	-0.001	84873955	0.0179			
						RPD = 3.78			

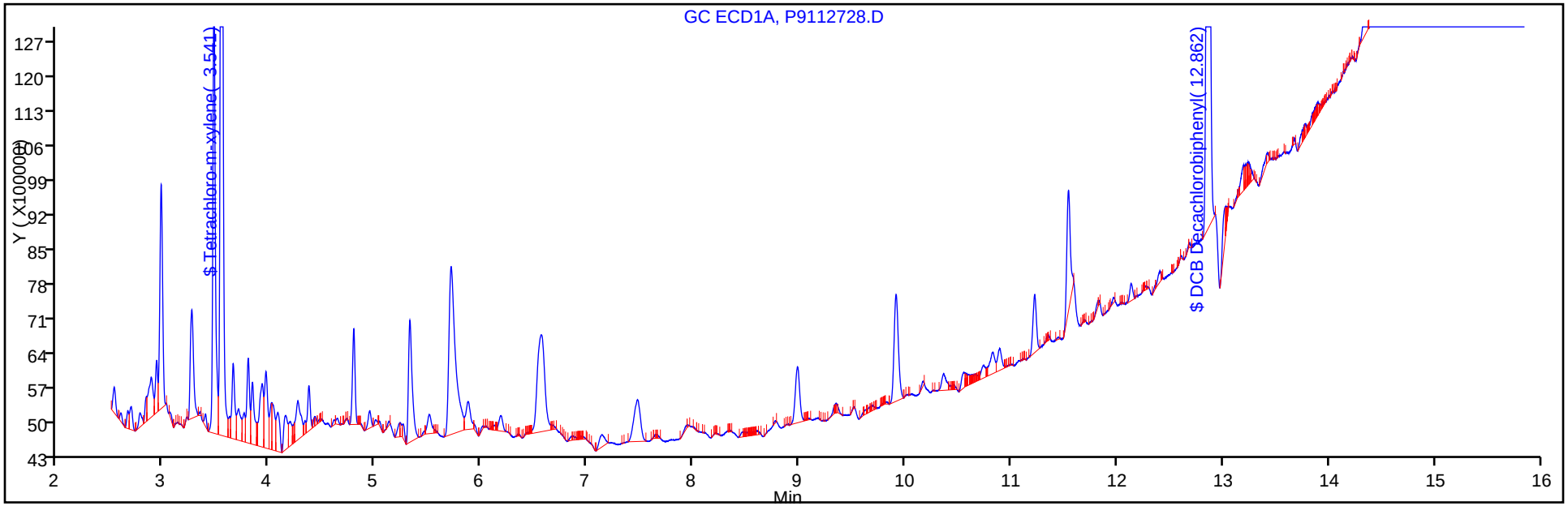
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TestAmerica Canton

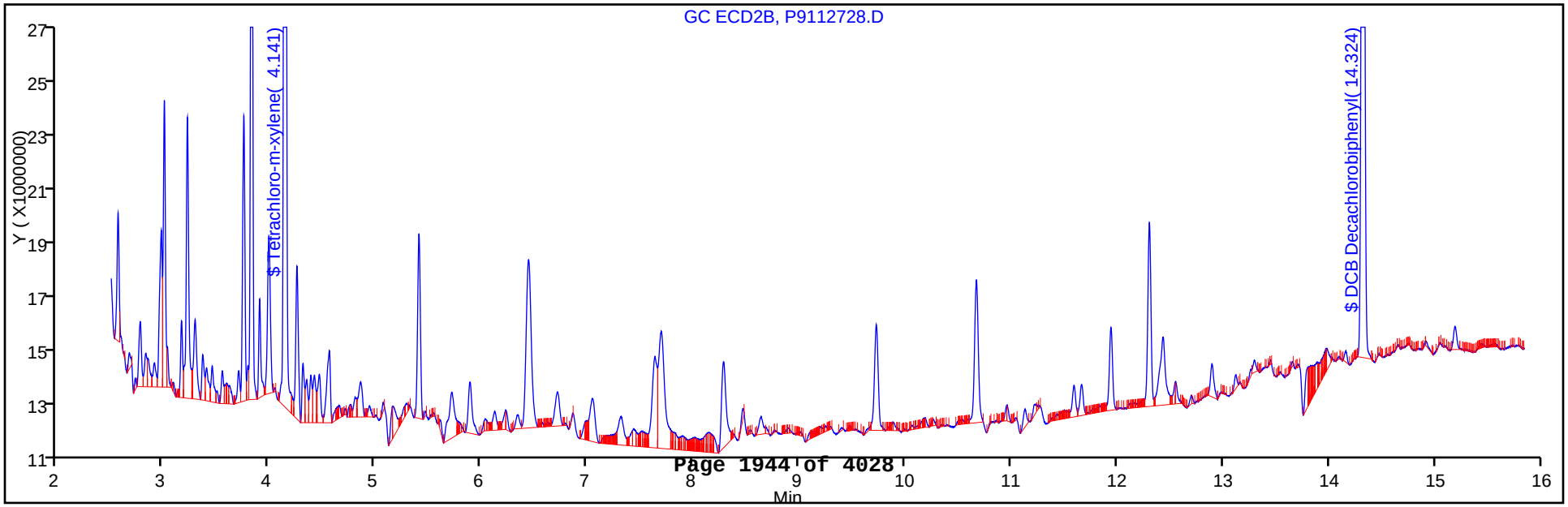
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Injection Date:	28-Nov-2012 14:12:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	28
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65501/9-A

Matrix: Solid | Lab File ID: P9112728.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 30.00(g) | Date Analyzed: 11/28/2012 14:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		55-130
877-09-8	Tetrachloro-m-xylene	76		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112728.D		
Lims ID:	MB 240-65501/9-A	Client ID:	
Inject. Date:	28-Nov-2012 14:12:51	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015316-028		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	66500	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 11:21:24	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: vandorenc		Date:	29-Nov-2012 10:39:34

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	36331375	0.0150			
2	100	4.141	4.140	0.001	108080675	0.0152			
						RPD = 1.10			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.225						
2	100		4.978						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.547						
7 beta-BHC									
1	100		4.739						
2	100		5.726						
11 delta-BHC									
1	100		4.957						
2	100		6.292						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100		5.243						
2	100		6.394						
4 Aldrin									
1	100		5.705						
2	100		7.130						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.603						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.024						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.334						
14 Endosulfan I									
1	100		7.896						
2	100		9.396						
2 4,4'-DDE									
1	100		7.995						
2	100		9.785						
13 Dieldrin									
1	100		8.455						
2	100		9.926						
17 Endrin									
1	100		8.908						
2	100		10.445						
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.810						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.353						
2	100		10.810						
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100		9.781						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.142						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.815						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	38404227	0.0186			
2	100	14.324	14.325	-0.001	84873955	0.0179			
						RPD = 3.78			

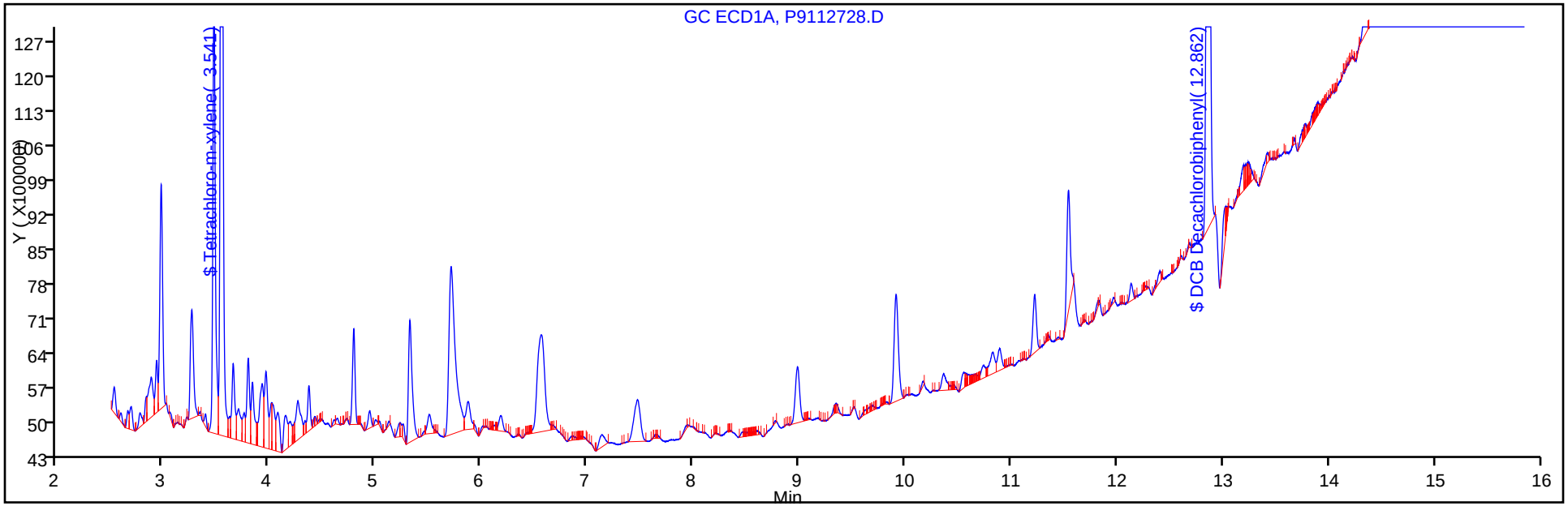
Report Date: 29-Nov-2012 11:21:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

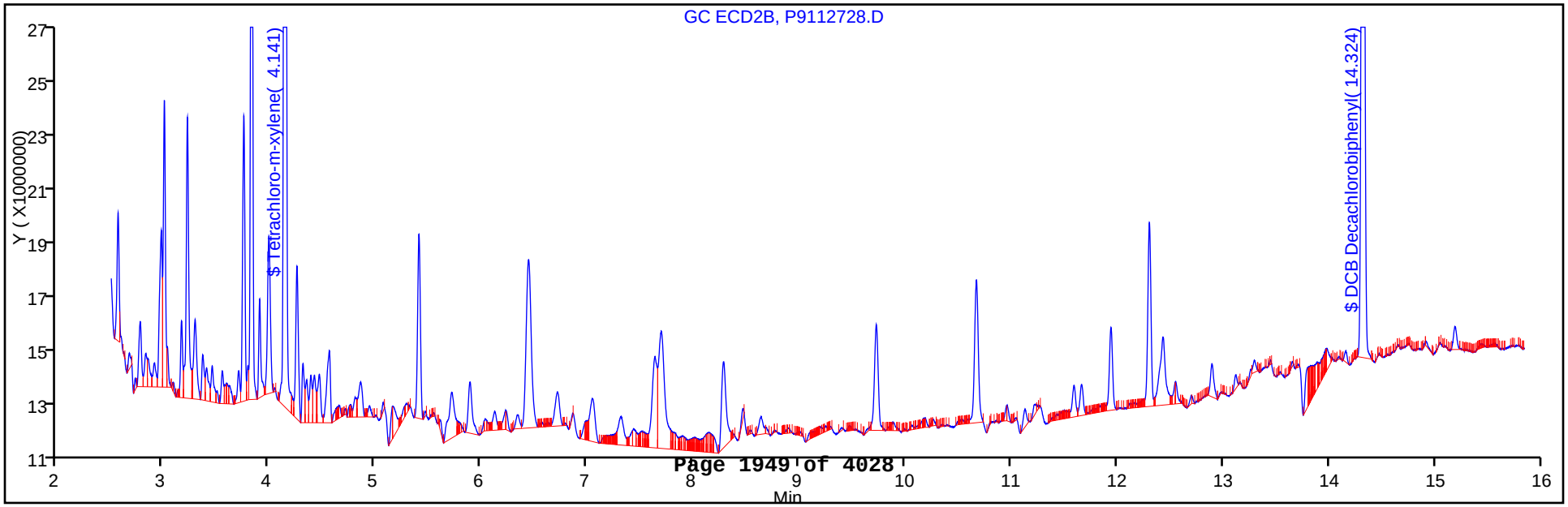
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112728.D

Injection Date:	28-Nov-2012 14:12:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	28
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65501/10-A

Matrix: Solid Lab File ID: P9112719.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 30.00(g) Date Analyzed: 11/28/2012 10:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	30.4		2.0	0.67	0.62
33213-65-9	Endosulfan II	24.6		2.5	1.3	0.82

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90	*M*	55-130
877-09-8	Tetrachloro-m-xylene	83		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112719.D
Lims ID: LCS 240-65501/10-A Client ID:
Inject. Date: 28-Nov-2012 10:05:05 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015316-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 66500 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:23:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.543	3.542	0.001	40025600	0.0166			
2	100	4.142	4.140	0.002	124145370	0.0175			
						RPD = 5.27			
5 alpha-BHC									
1	100	4.226	4.225	0.001	280283588	0.0885			
2	100	4.980	4.978	0.002	875681736	0.0881			
						RPD = 0.41			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	223292539	0.0828			
2	100	5.548	5.547	0.001	683226123	0.0824			
						RPD = 0.53			
7 beta-BHC									
1	100	4.739	4.739	0.000	94974578	0.0797			
2	100	5.728	5.726	0.002	309289197	0.0858			
						RPD = 7.39			
11 delta-BHC									
1	100	4.958	4.957	0.001	250760557	0.0967			
2	100	6.293	6.292	0.001	807453667	0.1020			
						RPD = 5.39			
22 Heptachlor									
1	100	5.245	5.243	0.002	196974089	0.0808			
2	100	6.392	6.394	-0.002	535043458	0.0749			
						RPD = 7.58			
4 Aldrin									
1	100	5.706	5.705	0.001	269575041	0.0909			
2	100	7.133	7.130	0.003	716398528	0.0872			
						RPD = 4.10			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									M
1	100	6.962	6.961	0.001	230687746	0.0936			
2	100	8.605	8.603	0.002	600956830	0.0880			M
						RPD = 6.18			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	229077368	0.0867			
2	100	9.025	9.024	0.001	577934775	0.0829			
						RPD = 4.44			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	226742386	0.0836			
2	100	9.335	9.334	0.001	605699370	0.0861			
						RPD = 2.95			
14 Endosulfan I									
1	100	7.899	7.896	0.003	156111168	0.0670			
2	100	9.396	9.396	0.000	374049556	0.0649			
						RPD = 3.16			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	245804731	0.0849			
2	100	9.788	9.785	0.003	629087278	0.0873			
						RPD = 2.75			
13 Dieldrin									
1	100	8.457	8.455	0.002	220838075	0.0909			
2	100	9.927	9.926	0.001	574025918	0.0909			
						RPD = 0.05			
17 Endrin									
1	100	8.910	8.908	0.002	196298758	0.0879			
2	100	10.445	10.445	0.000	503641343	0.0866			
						RPD = 1.54			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	163485721	0.0912			
2	100	10.806	10.810	-0.004	810514599	0.0826			
						RPD = 9.91			
15 Endosulfan II									
1	100	9.355	9.353	0.002	156353926	0.0737			
2	100	10.806	10.810	-0.004	810514599	0.0826			
						RPD = 11.38			
3 4,4'-DDT									
1	100	9.780	9.781	-0.001	155772286	0.1097			
2	100	11.291	11.292	-0.001	366801274	0.1102			
						RPD = 0.43			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	158731324	0.1008			
2	100	11.383	11.383	0.000	365225946	0.0955			
						RPD = 5.46			
27 Methoxychlor									
1	100	10.722	10.723	-0.001	70832326	0.1042			
2	100	12.365	12.365	0.000	169560440	0.1020			
						RPD = 2.13			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	177513409	0.1028			
2	100	11.815	11.815	0.000	444101584	0.1029			
						RPD = 0.16			
19 Endrin ketone									
1	100	11.260	11.260	0.000	176949509	0.0935			
2	100	12.552	12.552	0.000	405740620	0.0925			
						RPD = 1.01			
$ 10 DCB Decachlorobiphenyl									M
1	100	12.862	12.862	0.000	37285007	0.0181			M
2	100	14.325	14.325	0.000	83021742	0.0175			
						RPD = 3.03			

QC Flag Legend

Review Flags
M - Manually Integrated

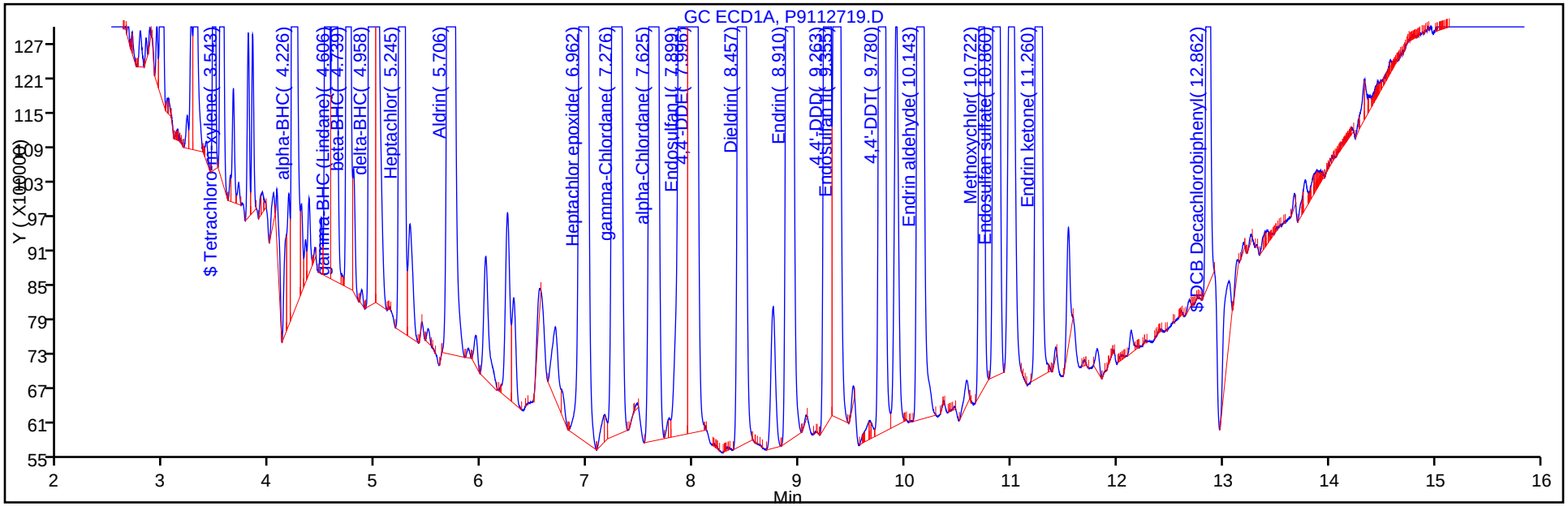
Report Date: 29-Nov-2012 11:21:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

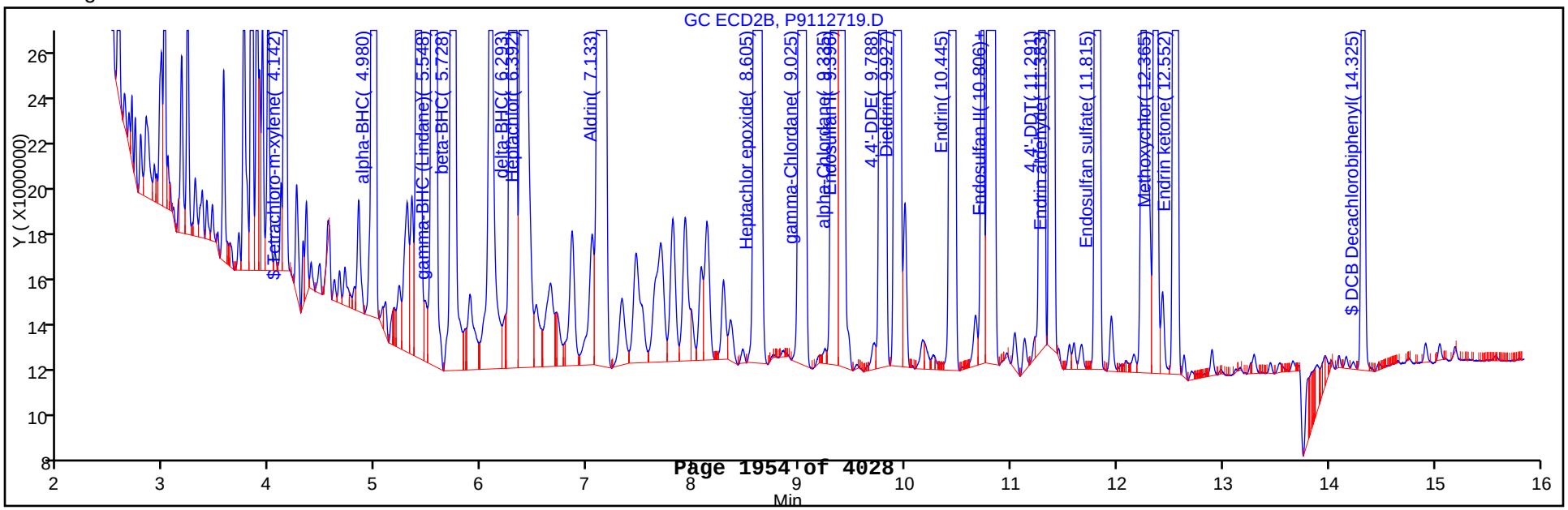
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Injection Date:	28-Nov-2012 10:05:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

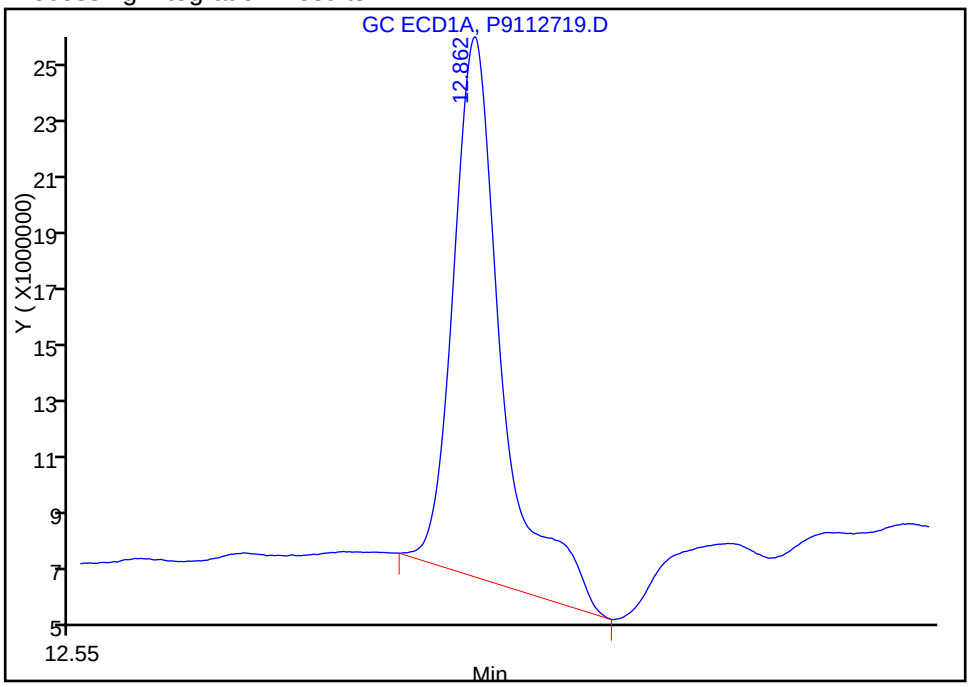
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112719.D		
Injection Date:	28-Nov-2012 10:05:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 12.86, Det: GC ECD1A

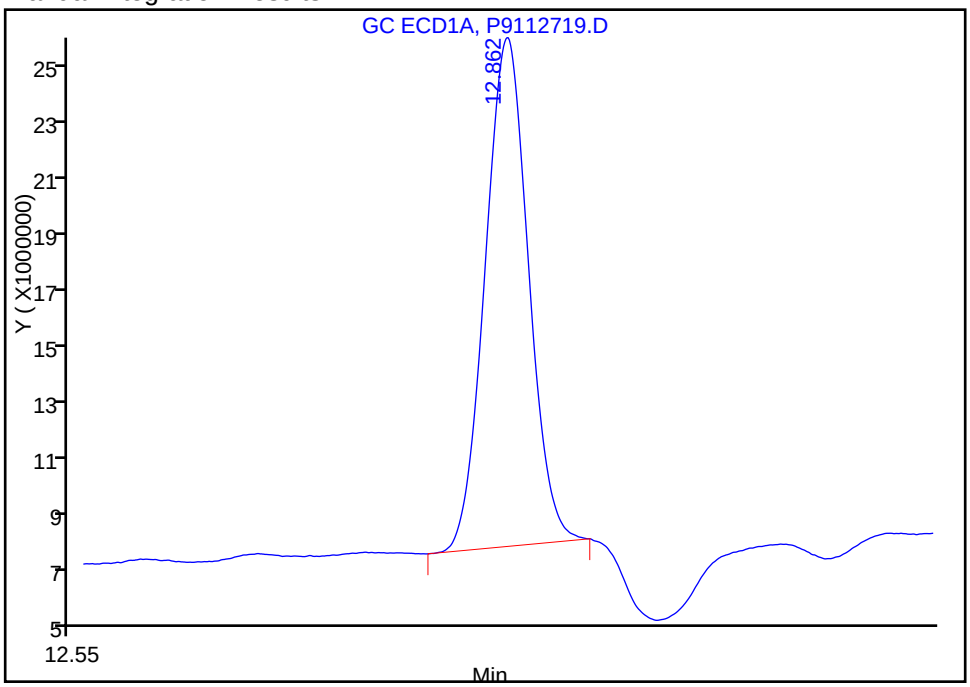
Processing Integration Results

RT: 12.86
Response: 47939883
Amount: 0.023252



Manual Integration Results

RT: 12.86
Response: 37285007
Amount: 0.018084



Reviewer: vandorenc, 29-Nov-2012 10:23:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65501/10-A

Matrix: Solid | Lab File ID: P9112719.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 30.00(g) | Date Analyzed: 11/28/2012 10:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	29.1		1.7	0.67	0.39
50-29-3	4,4'-DDT	36.7		2.0	0.67	0.63
309-00-2	Aldrin	29.1		4.0	1.3	1.2
319-84-6	alpha-BHC	29.4		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	28.7		3.0	1.3	0.94
319-85-7	beta-BHC	28.6		3.5	1.3	1.1
319-86-8	delta-BHC	34.0		4.0	1.3	1.2
60-57-1	Dieldrin	30.3		1.7	0.67	0.47
959-98-8	Endosulfan I	21.6		1.7	0.67	0.52
1031-07-8	Endosulfan sulfate	34.3		3.0	1.3	0.87
72-20-8	Endrin	28.9		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	31.8		3.0	1.3	1.0
53494-70-5	Endrin ketone	30.8		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	27.5		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	27.6		1.7	0.67	0.42
76-44-8	Heptachlor	25.0		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	29.3	M	2.5	1.3	0.80
72-43-5	Methoxychlor	34.0		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		55-130
877-09-8	Tetrachloro-m-xylene	87		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112719.D
Lims ID: LCS 240-65501/10-A Client ID:
Inject. Date: 28-Nov-2012 10:05:05 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015316-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 66500 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:23:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.543	3.542	0.001	40025600	0.0166			
2	100	4.142	4.140	0.002	124145370	0.0175			
						RPD = 5.27			
5 alpha-BHC									
1	100	4.226	4.225	0.001	280283588	0.0885			
2	100	4.980	4.978	0.002	875681736	0.0881			
						RPD = 0.41			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	223292539	0.0828			
2	100	5.548	5.547	0.001	683226123	0.0824			
						RPD = 0.53			
7 beta-BHC									
1	100	4.739	4.739	0.000	94974578	0.0797			
2	100	5.728	5.726	0.002	309289197	0.0858			
						RPD = 7.39			
11 delta-BHC									
1	100	4.958	4.957	0.001	250760557	0.0967			
2	100	6.293	6.292	0.001	807453667	0.1020			
						RPD = 5.39			
22 Heptachlor									
1	100	5.245	5.243	0.002	196974089	0.0808			
2	100	6.392	6.394	-0.002	535043458	0.0749			
						RPD = 7.58			
4 Aldrin									
1	100	5.706	5.705	0.001	269575041	0.0909			
2	100	7.133	7.130	0.003	716398528	0.0872			
						RPD = 4.10			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									M
1	100	6.962	6.961	0.001	230687746	0.0936			
2	100	8.605	8.603	0.002	600956830	0.0880			M
						RPD = 6.18			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	229077368	0.0867			
2	100	9.025	9.024	0.001	577934775	0.0829			
						RPD = 4.44			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	226742386	0.0836			
2	100	9.335	9.334	0.001	605699370	0.0861			
						RPD = 2.95			
14 Endosulfan I									
1	100	7.899	7.896	0.003	156111168	0.0670			
2	100	9.396	9.396	0.000	374049556	0.0649			
						RPD = 3.16			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	245804731	0.0849			
2	100	9.788	9.785	0.003	629087278	0.0873			
						RPD = 2.75			
13 Dieldrin									
1	100	8.457	8.455	0.002	220838075	0.0909			
2	100	9.927	9.926	0.001	574025918	0.0909			
						RPD = 0.05			
17 Endrin									
1	100	8.910	8.908	0.002	196298758	0.0879			
2	100	10.445	10.445	0.000	503641343	0.0866			
						RPD = 1.54			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	163485721	0.0912			
2	100	10.806	10.810	-0.004	810514599	0.0826			
						RPD = 9.91			
15 Endosulfan II									
1	100	9.355	9.353	0.002	156353926	0.0737			
2	100	10.806	10.810	-0.004	810514599	0.0826			
						RPD = 11.38			
3 4,4'-DDT									
1	100	9.780	9.781	-0.001	155772286	0.1097			
2	100	11.291	11.292	-0.001	366801274	0.1102			
						RPD = 0.43			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	158731324	0.1008			
2	100	11.383	11.383	0.000	365225946	0.0955			
						RPD = 5.46			
27 Methoxychlor									
1	100	10.722	10.723	-0.001	70832326	0.1042			
2	100	12.365	12.365	0.000	169560440	0.1020			
						RPD = 2.13			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	177513409	0.1028			
2	100	11.815	11.815	0.000	444101584	0.1029			
						RPD = 0.16			
19 Endrin ketone									
1	100	11.260	11.260	0.000	176949509	0.0935			
2	100	12.552	12.552	0.000	405740620	0.0925			
						RPD = 1.01			
$ 10 DCB Decachlorobiphenyl									M
1	100	12.862	12.862	0.000	37285007	0.0181			M
2	100	14.325	14.325	0.000	83021742	0.0175			
						RPD = 3.03			

QC Flag Legend

Review Flags
M - Manually Integrated

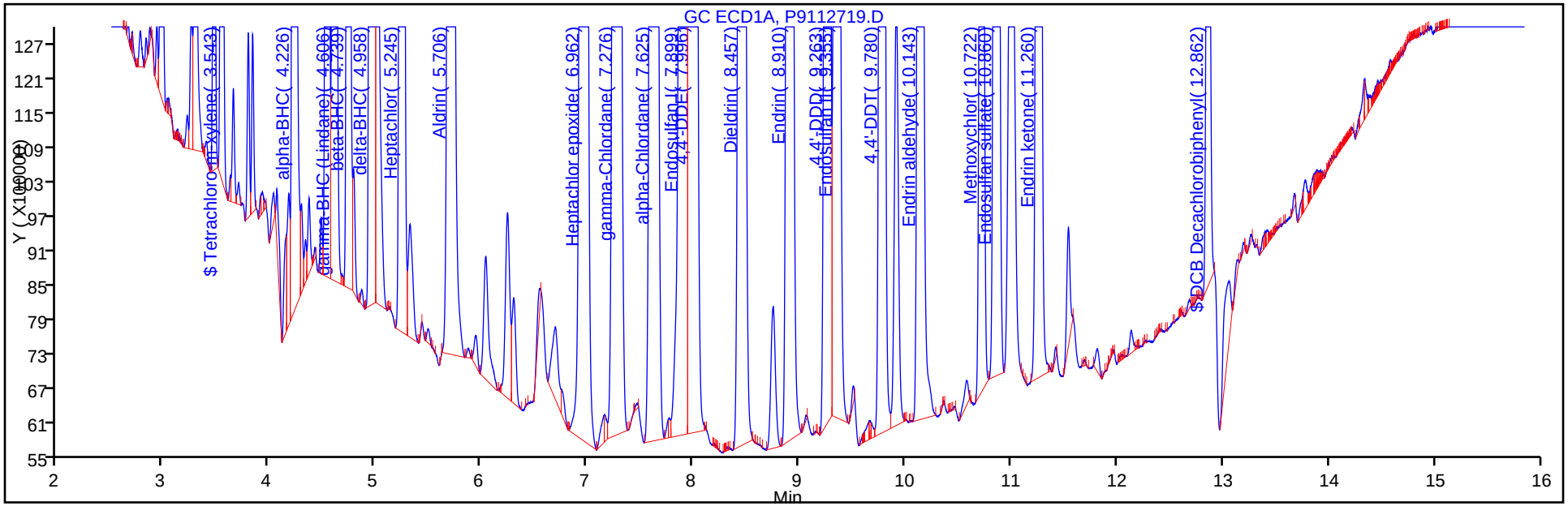
Report Date: 29-Nov-2012 11:21:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

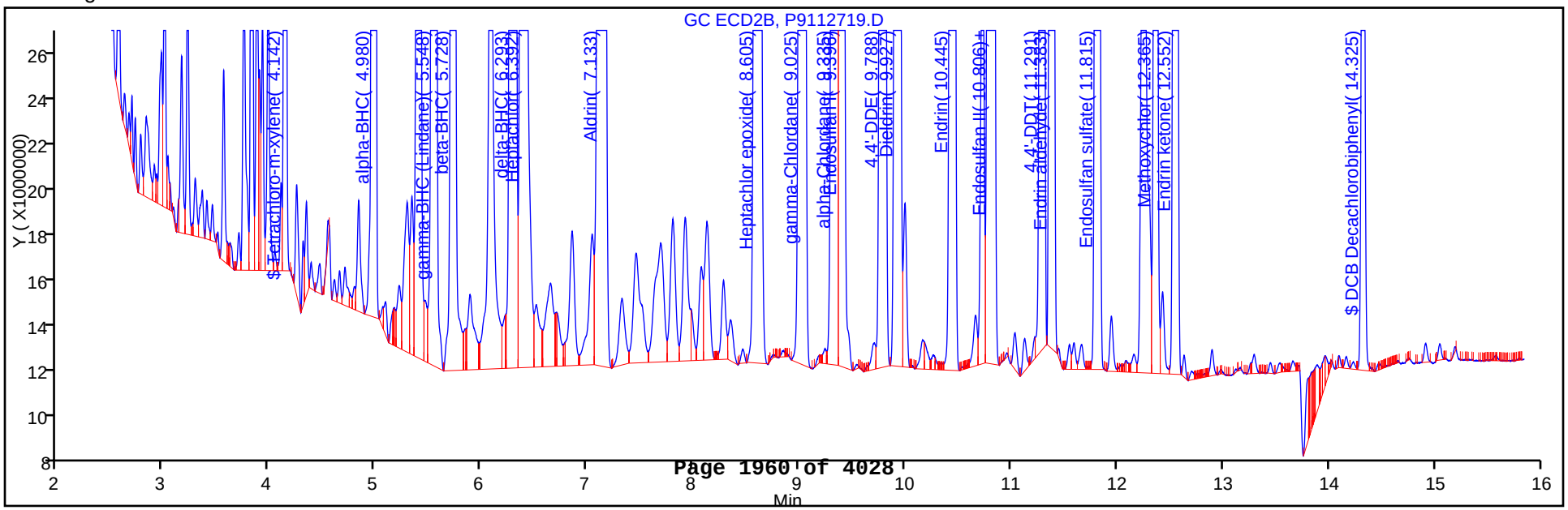
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Injection Date:	28-Nov-2012 10:05:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 29-Nov-2012 11:21:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

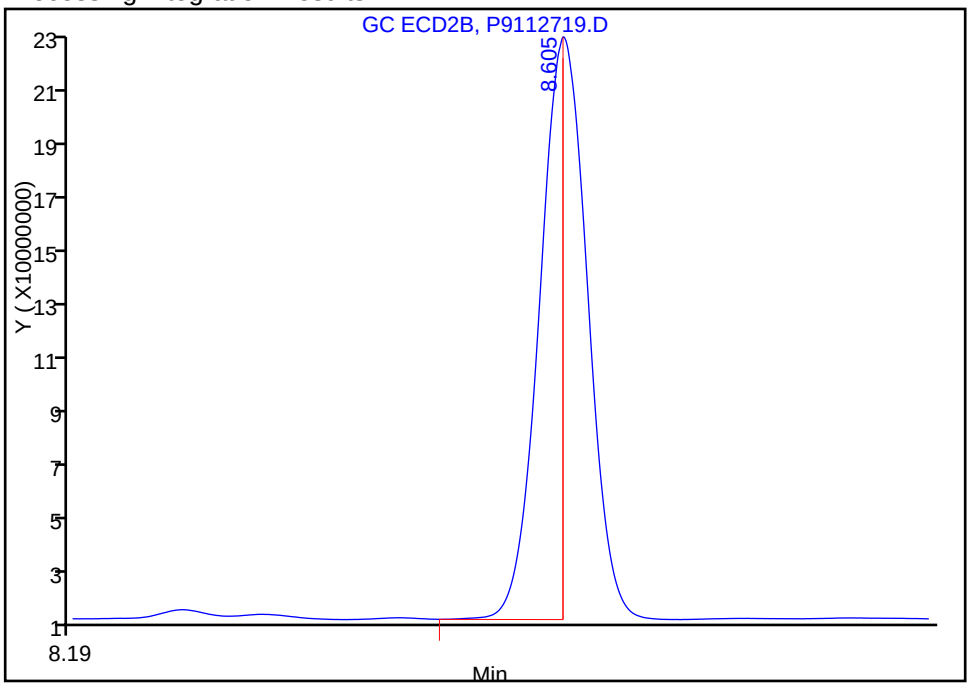
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112719.D		
Injection Date:	28-Nov-2012 10:05:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

23 Heptachlor epoxide, Signal: 2, Type: quant, RT: 8.60, Det: GC ecd2b

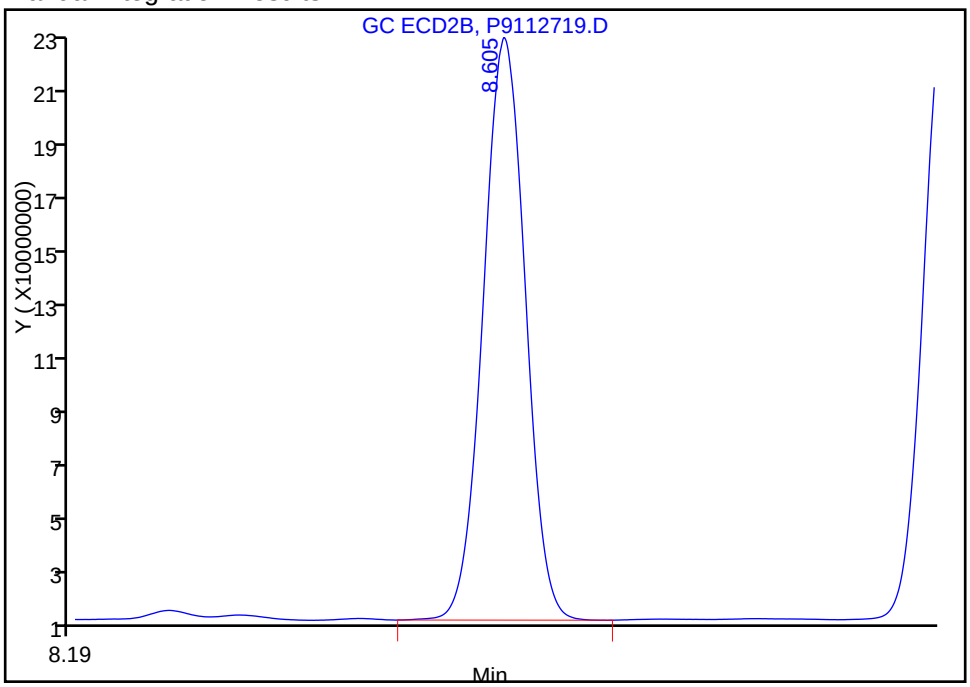
Processing Integration Results

RT: 8.60
Response: 291176347
Amount: 0.042620



Manual Integration Results

RT: 8.60
Response: 600956830
Amount: 0.087964



Reviewer: vandorenc, 29-Nov-2012 10:23:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66500/18

Matrix: Solid | Lab File ID: P9112718.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/28/2012 09:37

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00526*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00524*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00507*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00539*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00519*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00551*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00573*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00523*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00537*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00567*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00564*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00563*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00563*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00557*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00559*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00534*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00546*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00566*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00561*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00551*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112718.D
Lims ID: MRL Client ID:
Inject. Date: 28-Nov-2012 09:37:13 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015316-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 66500 Lims Sample ID: 18
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:07:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.542						
2	100		4.140						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.225	4.225	0.000	16439220	0.005188			
2	100	4.979	4.978	0.001	48623783	0.004892			
						RPD = 5.88			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	14401689	0.005341			
2	100	5.548	5.547	0.001	44274291	0.005338			
						RPD = 0.06			
7 beta-BHC									
1	100	4.738	4.739	-0.001	6834216	0.005733			
2	100	5.728	5.726	0.002	21615924	0.005995			
						RPD = 4.47			
11 delta-BHC									
1	100	4.957	4.957	0.000	13552920	0.005226			
2	100	6.293	6.292	0.001	40563274	0.005126			
						RPD = 1.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100	5.243	5.243	0.000	13791484	0.005659			
2	100	6.394	6.394	0.000	41794261	0.005853			
						RPD = 3.36			
4 Aldrin									
1	100	5.705	5.705	0.000	15998660	0.005392			
2	100	7.131	7.130	0.001	44689880	0.005440			
						RPD = 0.88			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	13838167	0.005613			
2	100	8.605	8.603	0.002	39439476	0.005773			
						RPD = 2.81			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	14425315	0.005459			
2	100	9.028	9.024	0.004	38675289	0.005550			
						RPD = 1.64			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	14937534	0.005505			
2	100	9.334	9.334	0.000	40264404	0.005721			
						RPD = 3.85			
14 Endosulfan I									
1	100	7.898	7.896	0.002	13194044	0.005665			
2	100	9.396	9.396	0.000	34209034	0.005939			
						RPD = 4.73			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	15159848	0.005237			
2	100	9.788	9.785	0.003	38889387	0.005396			
						RPD = 2.98			
13 Dieldrin									
1	100	8.458	8.455	0.003	13048736	0.005371			
2	100	9.928	9.926	0.002	35782111	0.005664			
						RPD = 5.30			
17 Endrin									
1	100	8.908	8.908	0.000	12579394	0.005633			
2	100	10.444	10.445	-0.001	32992313	0.005670			
						RPD = 0.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100	9.264	9.263	0.001	9431638	0.005263			
2	100	10.811	10.810	0.001	54217919	0.005527			
						RPD = 4.88			
15 Endosulfan II									
1	100	9.354	9.353	0.001	11954465	0.005637			
2	100	10.811	10.810	0.001	54217919	0.005527			
						RPD = 1.97			
30 Toxaphene									1
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	7195511	0.005067			
2	100	11.293	11.292	0.001	17486104	0.005252			
						RPD = 3.58			
18 Endrin aldehyde									
1	100	10.144	10.142	0.002	8764149	0.005567			
2	100	11.384	11.383	0.001	22578005	0.005902			
						RPD = 5.84			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.722	10.723	-0.001	3746114	0.005511			
2	100	12.366	12.365	0.001	9261898	0.005572			
						RPD = 1.10			
16 Endosulfan sulfate									
1	100	10.861	10.860	0.001	9719087	0.005627			
2	100	11.816	11.815	0.001	24055911	0.005576			
						RPD = 0.92			
19 Endrin ketone									
1	100	11.260	11.260	0.000	10584119	0.005592			
2	100	12.553	12.552	0.001	24362460	0.005557			
						RPD = 0.62			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.862						
2	100		14.325						

QC Flag Legend

Processing Flags
1 - Missing Peaks

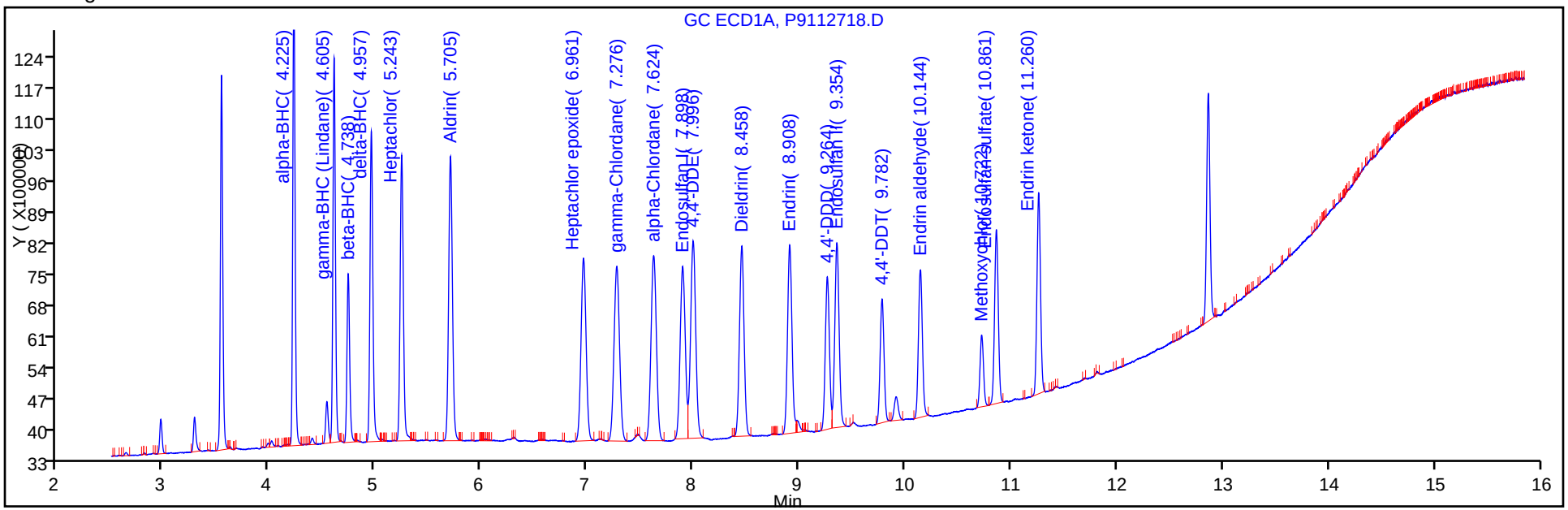
Report Date: 29-Nov-2012 11:21:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

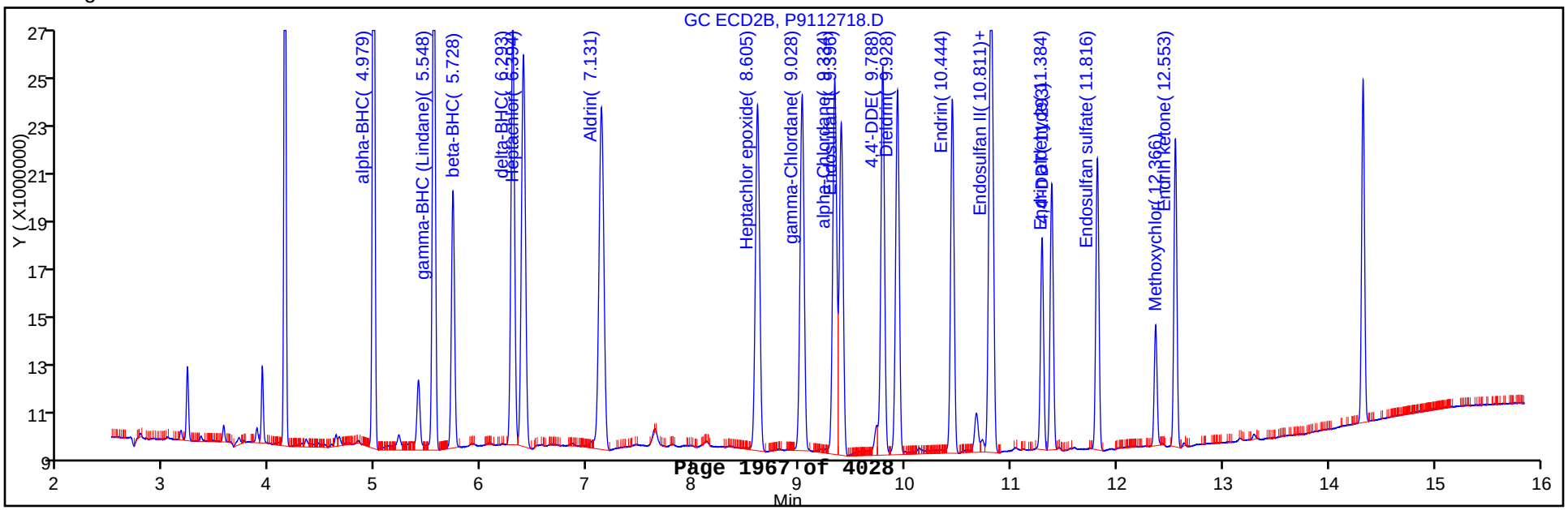
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112718.D

Injection Date:	28-Nov-2012 09:37:13	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66500/18

Matrix: Solid | Lab File ID: P9112718.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/28/2012 09:37

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00553		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00540		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00525		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00544		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00489	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00572		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00600		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00513		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00566		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00594		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00553		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00558		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00567		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00590		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00556		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00534		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00555		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00585		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00577		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00557	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112718.D
Lims ID: MRL Client ID:
Inject. Date: 28-Nov-2012 09:37:13 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015316-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 66500 Lims Sample ID: 18
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:07:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.542						
2	100		4.140						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.225	4.225	0.000	16439220	0.005188			
2	100	4.979	4.978	0.001	48623783	0.004892			
						RPD = 5.88			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	14401689	0.005341			
2	100	5.548	5.547	0.001	44274291	0.005338			
						RPD = 0.06			
7 beta-BHC									
1	100	4.738	4.739	-0.001	6834216	0.005733			
2	100	5.728	5.726	0.002	21615924	0.005995			
						RPD = 4.47			
11 delta-BHC									
1	100	4.957	4.957	0.000	13552920	0.005226			
2	100	6.293	6.292	0.001	40563274	0.005126			
						RPD = 1.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100	5.243	5.243	0.000	13791484	0.005659			
2	100	6.394	6.394	0.000	41794261	0.005853			
						RPD = 3.36			
4 Aldrin									
1	100	5.705	5.705	0.000	15998660	0.005392			
2	100	7.131	7.130	0.001	44689880	0.005440			
						RPD = 0.88			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	13838167	0.005613			
2	100	8.605	8.603	0.002	39439476	0.005773			
						RPD = 2.81			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	14425315	0.005459			
2	100	9.028	9.024	0.004	38675289	0.005550			
						RPD = 1.64			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	14937534	0.005505			
2	100	9.334	9.334	0.000	40264404	0.005721			
						RPD = 3.85			
14 Endosulfan I									
1	100	7.898	7.896	0.002	13194044	0.005665			
2	100	9.396	9.396	0.000	34209034	0.005939			
						RPD = 4.73			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	15159848	0.005237			
2	100	9.788	9.785	0.003	38889387	0.005396			
						RPD = 2.98			
13 Dieldrin									
1	100	8.458	8.455	0.003	13048736	0.005371			
2	100	9.928	9.926	0.002	35782111	0.005664			
						RPD = 5.30			
17 Endrin									
1	100	8.908	8.908	0.000	12579394	0.005633			
2	100	10.444	10.445	-0.001	32992313	0.005670			
						RPD = 0.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100	9.264	9.263	0.001	9431638	0.005263			
2	100	10.811	10.810	0.001	54217919	0.005527			
						RPD = 4.88			
15 Endosulfan II									
1	100	9.354	9.353	0.001	11954465	0.005637			
2	100	10.811	10.810	0.001	54217919	0.005527			
						RPD = 1.97			
30 Toxaphene									1
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	7195511	0.005067			
2	100	11.293	11.292	0.001	17486104	0.005252			
						RPD = 3.58			
18 Endrin aldehyde									
1	100	10.144	10.142	0.002	8764149	0.005567			
2	100	11.384	11.383	0.001	22578005	0.005902			
						RPD = 5.84			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.722	10.723	-0.001	3746114	0.005511			
2	100	12.366	12.365	0.001	9261898	0.005572			
						RPD = 1.10			
16 Endosulfan sulfate									
1	100	10.861	10.860	0.001	9719087	0.005627			
2	100	11.816	11.815	0.001	24055911	0.005576			
						RPD = 0.92			
19 Endrin ketone									
1	100	11.260	11.260	0.000	10584119	0.005592			
2	100	12.553	12.552	0.001	24362460	0.005557			
						RPD = 0.62			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.862						
2	100		14.325						

QC Flag Legend

Processing Flags
1 - Missing Peaks

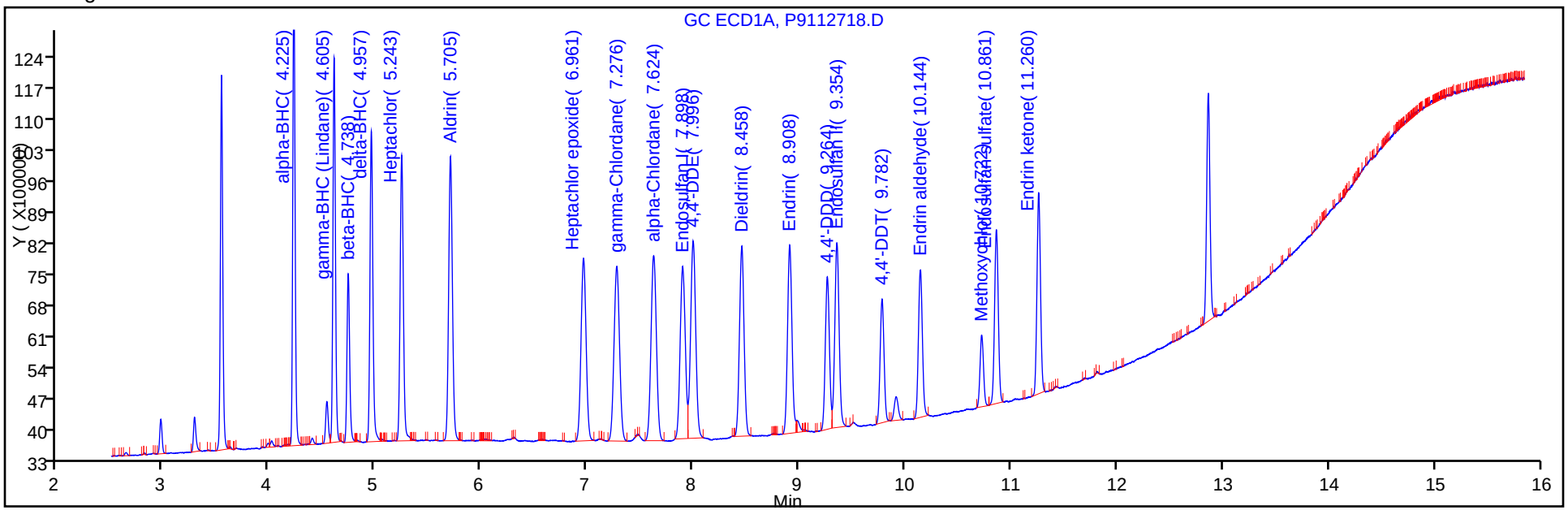
Report Date: 29-Nov-2012 11:21:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

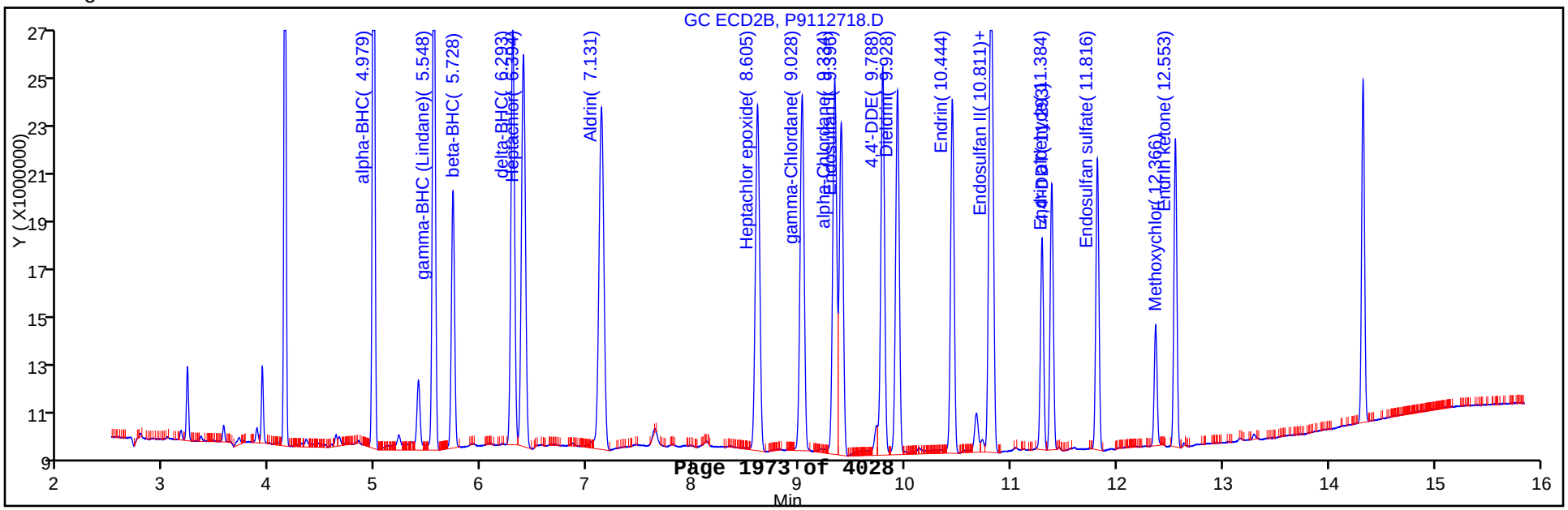
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112718.D

Injection Date:	28-Nov-2012 09:37:13	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66500/56

Matrix: Solid | Lab File ID: P9112756.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 03:03

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00578*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00608*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00510*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00666*	^	*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00640*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00636*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00652*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00596*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00605*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00611*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00597*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00629*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00582*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00582*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00611*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00607*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00626*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00570*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00633*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00591*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112756.D
Lims ID: MRL Client ID:
Inject. Date: 29-Nov-2012 03:03:52 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015316-056
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 56
Lims Batch ID: 66500 Lims Sample ID: 56
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:22:01 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:18:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.539						
2	100		4.139						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.225	4.224	0.001	20276666	0.006399			
2	100	4.978	4.979	-0.001	58775837	0.005913			
						RPD = 7.90			
20 gamma-BHC (Lindane)									
1	100	4.604	4.604	0.000	16370204	0.006071			
2	100	5.547	5.548	-0.001	48019707	0.005790			
						RPD = 4.75			
7 beta-BHC									
1	100	4.738	4.738	0.000	7769508	0.006517			
2	100	5.727	5.727	0.000	24048282	0.006670			
						RPD = 2.31			
11 delta-BHC									
1	100	4.957	4.955	0.002	15458925	0.005961			
2	100	6.293	6.293	0.000	44821150	0.005664			
						RPD = 5.10			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100	5.243	5.243	0.000	13900977	0.005704			
2	100	6.393	6.394	-0.001	41094994	0.005755			
						RPD = 0.89			
4 Aldrin									
1	100	5.704	5.704	0.000	19773704	0.006664			
2	100	7.132	7.131	0.001	53950491	0.006567			
						RPD = 1.47			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.962	6.961	0.001	15610588	0.006332			
2	100	8.605	8.606	-0.001	43401357	0.006353			
						RPD = 0.33			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	16552656	0.006264			
2	100	9.026	9.026	0.000	43443260	0.006234			
						RPD = 0.49			
6 alpha-Chlordane									
1	100	7.625	7.624	0.001	17270022	0.006365			
2	100	9.333	9.335	-0.002	44406881	0.006310			
						RPD = 0.87			
14 Endosulfan I									
1	100	7.898	7.899	-0.001	14233116	0.006111			
2	100	9.396	9.396	0.000	35219598	0.006115			
						RPD = 0.06			
2 4,4'-DDE									
1	100	7.997	7.996	0.001	17591960	0.006078			
2	100	9.786	9.787	-0.001	42705431	0.005926			
						RPD = 2.53			
13 Dieldrin									
1	100	8.454	8.454	0.000	14692225	0.006048			
2	100	9.925	9.926	-0.001	38284902	0.006060			
						RPD = 0.20			
17 Endrin									
1	100	8.908	8.908	0.000	13001218	0.005822			
2	100	10.443	10.445	-0.002	32808991	0.005639			
						RPD = 3.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100	9.264	9.262	0.002	10358292	0.005781			
2	100	10.808	10.809	-0.001	56391267	0.005749			
						RPD = 0.56			
15 Endosulfan II									
1	100	9.353	9.353	0.000	12662771	0.005971			
2	100	10.808	10.809	-0.001	56391267	0.005749			
						RPD = 3.79			
30 Toxaphene									1
1	100		9.483						
1	2		10.023						
1	3		10.091						
1	4		10.671						
1	5		11.233						
2	100		10.382						
2	2		11.399						
2	3		11.746						
2	4		12.148						
2	5		12.535						
3 4,4'-DDT									
1	100	9.781	9.779	0.002	7249599	0.005105			
2	100	11.292	11.292	0.000	17114448	0.005140			
						RPD = 0.69			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	9162956	0.005820			
2	100	11.382	11.384	-0.002	22405854	0.005857			
						RPD = 0.63			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.722	10.721	0.001	4013905	0.005905			
2	100	12.364	12.365	-0.001	9637592	0.005798			
						RPD = 1.83			
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	10869223	0.006293			
2	100	11.813	11.814	-0.001	25846993	0.005991			
						RPD = 4.92			
19 Endrin ketone									
1	100	11.259	11.260	-0.001	11566580	0.006111			
2	100	12.551	12.552	-0.001	25418945	0.005798			
						RPD = 5.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.860						
2	100		14.324						

QC Flag Legend

Processing Flags
1 - Missing Peaks

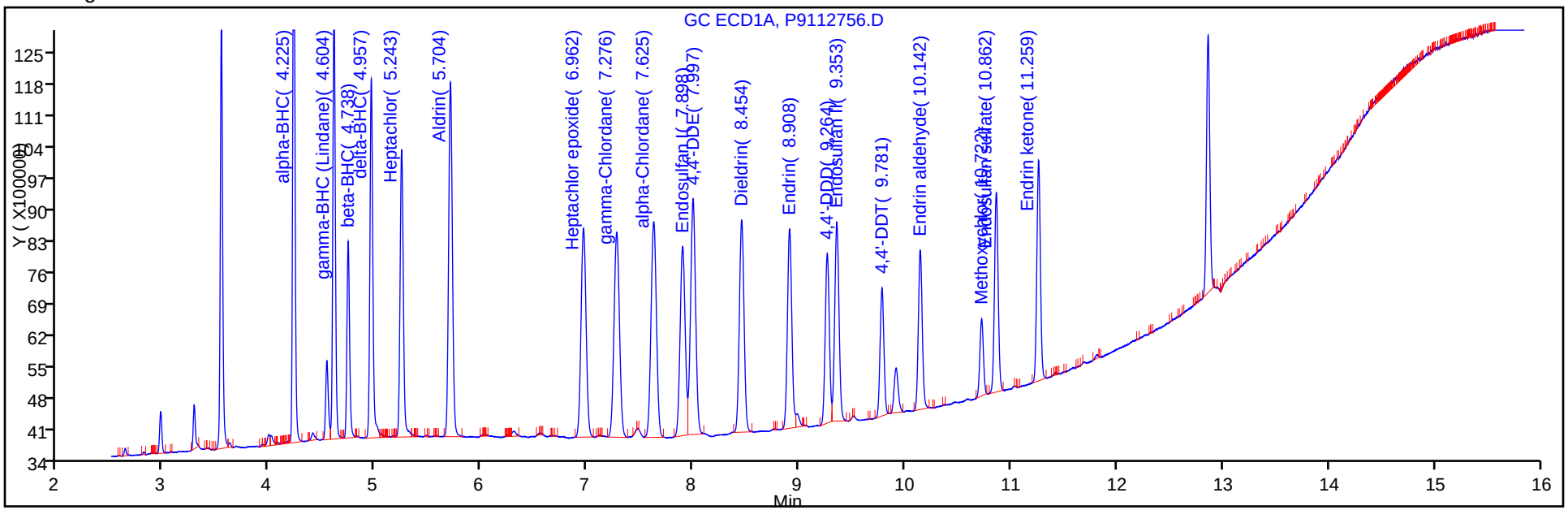
Report Date: 29-Nov-2012 11:22:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

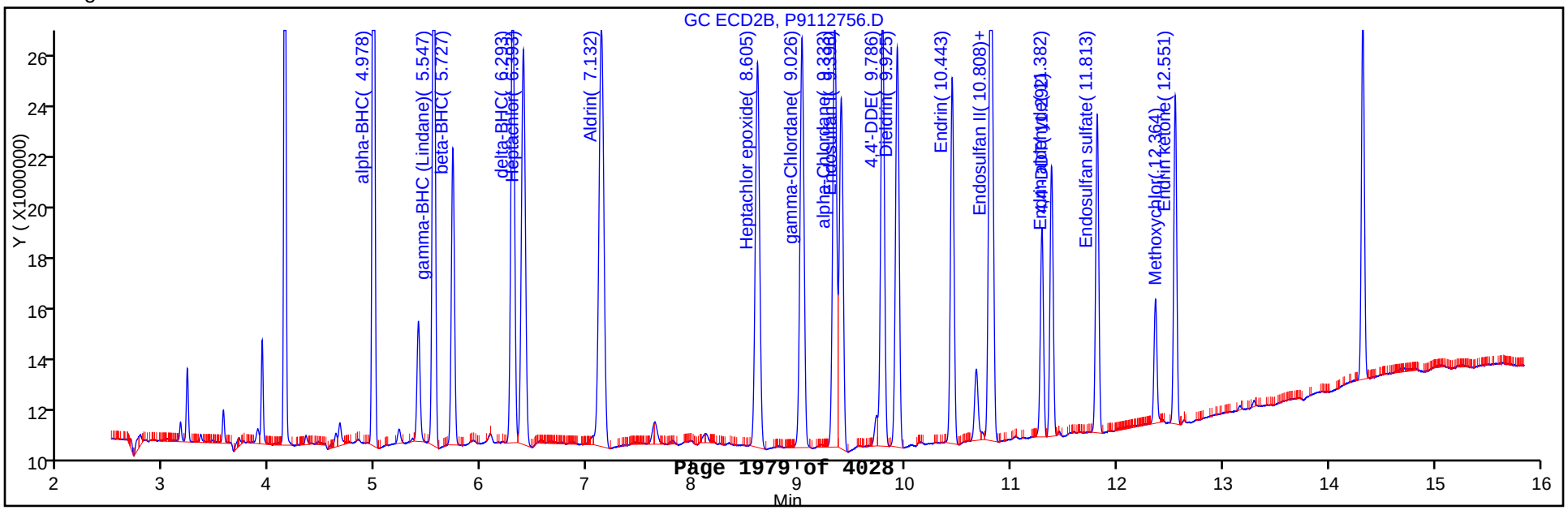
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112756.D

Injection Date:	29-Nov-2012 03:03:52	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	56
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66500/56

Matrix: Solid | Lab File ID: P9112756.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 03:03

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00575		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00593		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00514		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00657	^	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00591		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00631		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00667	^	0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00566		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00606		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00611		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00575		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00599		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00564		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00586		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00580		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00579		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00623		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00576		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00635		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00580	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112756.D
Lims ID: MRL Client ID:
Inject. Date: 29-Nov-2012 03:03:52 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015316-056
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 56
Lims Batch ID: 66500 Lims Sample ID: 56
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:22:01 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:18:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.539						
2	100		4.139						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.225	4.224	0.001	20276666	0.006399			
2	100	4.978	4.979	-0.001	58775837	0.005913			
						RPD = 7.90			
20 gamma-BHC (Lindane)									
1	100	4.604	4.604	0.000	16370204	0.006071			
2	100	5.547	5.548	-0.001	48019707	0.005790			
						RPD = 4.75			
7 beta-BHC									
1	100	4.738	4.738	0.000	7769508	0.006517			
2	100	5.727	5.727	0.000	24048282	0.006670			
						RPD = 2.31			
11 delta-BHC									
1	100	4.957	4.955	0.002	15458925	0.005961			
2	100	6.293	6.293	0.000	44821150	0.005664			
						RPD = 5.10			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.128						
1	2		6.001						
1	3		7.275						
1	4		7.620						
2	100		6.092						
2	2		7.625						
2	3		9.025						
2	4		9.334						
22 Heptachlor									
1	100	5.243	5.243	0.000	13900977	0.005704			
2	100	6.393	6.394	-0.001	41094994	0.005755			
						RPD = 0.89			
4 Aldrin									
1	100	5.704	5.704	0.000	19773704	0.006664			
2	100	7.132	7.131	0.001	53950491	0.006567			
						RPD = 1.47			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.962	6.961	0.001	15610588	0.006332			
2	100	8.605	8.606	-0.001	43401357	0.006353			
						RPD = 0.33			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	16552656	0.006264			
2	100	9.026	9.026	0.000	43443260	0.006234			
						RPD = 0.49			
6 alpha-Chlordane									
1	100	7.625	7.624	0.001	17270022	0.006365			
2	100	9.333	9.335	-0.002	44406881	0.006310			
						RPD = 0.87			
14 Endosulfan I									
1	100	7.898	7.899	-0.001	14233116	0.006111			
2	100	9.396	9.396	0.000	35219598	0.006115			
						RPD = 0.06			
2 4,4'-DDE									
1	100	7.997	7.996	0.001	17591960	0.006078			
2	100	9.786	9.787	-0.001	42705431	0.005926			
						RPD = 2.53			
13 Dieldrin									
1	100	8.454	8.454	0.000	14692225	0.006048			
2	100	9.925	9.926	-0.001	38284902	0.006060			
						RPD = 0.20			
17 Endrin									
1	100	8.908	8.908	0.000	13001218	0.005822			
2	100	10.443	10.445	-0.002	32808991	0.005639			
						RPD = 3.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100	9.264	9.262	0.002	10358292	0.005781			
2	100	10.808	10.809	-0.001	56391267	0.005749			
						RPD = 0.56			
15 Endosulfan II									
1	100	9.353	9.353	0.000	12662771	0.005971			
2	100	10.808	10.809	-0.001	56391267	0.005749			
						RPD = 3.79			
30 Toxaphene									1
1	100		9.483						
1	2		10.023						
1	3		10.091						
1	4		10.671						
1	5		11.233						
2	100		10.382						
2	2		11.399						
2	3		11.746						
2	4		12.148						
2	5		12.535						
3 4,4'-DDT									
1	100	9.781	9.779	0.002	7249599	0.005105			
2	100	11.292	11.292	0.000	17114448	0.005140			
						RPD = 0.69			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	9162956	0.005820			
2	100	11.382	11.384	-0.002	22405854	0.005857			
						RPD = 0.63			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.722	10.721	0.001	4013905	0.005905			
2	100	12.364	12.365	-0.001	9637592	0.005798			
						RPD = 1.83			
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	10869223	0.006293			
2	100	11.813	11.814	-0.001	25846993	0.005991			
						RPD = 4.92			
19 Endrin ketone									
1	100	11.259	11.260	-0.001	11566580	0.006111			
2	100	12.551	12.552	-0.001	25418945	0.005798			
						RPD = 5.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.860						
2	100		14.324						

QC Flag Legend

Processing Flags
1 - Missing Peaks

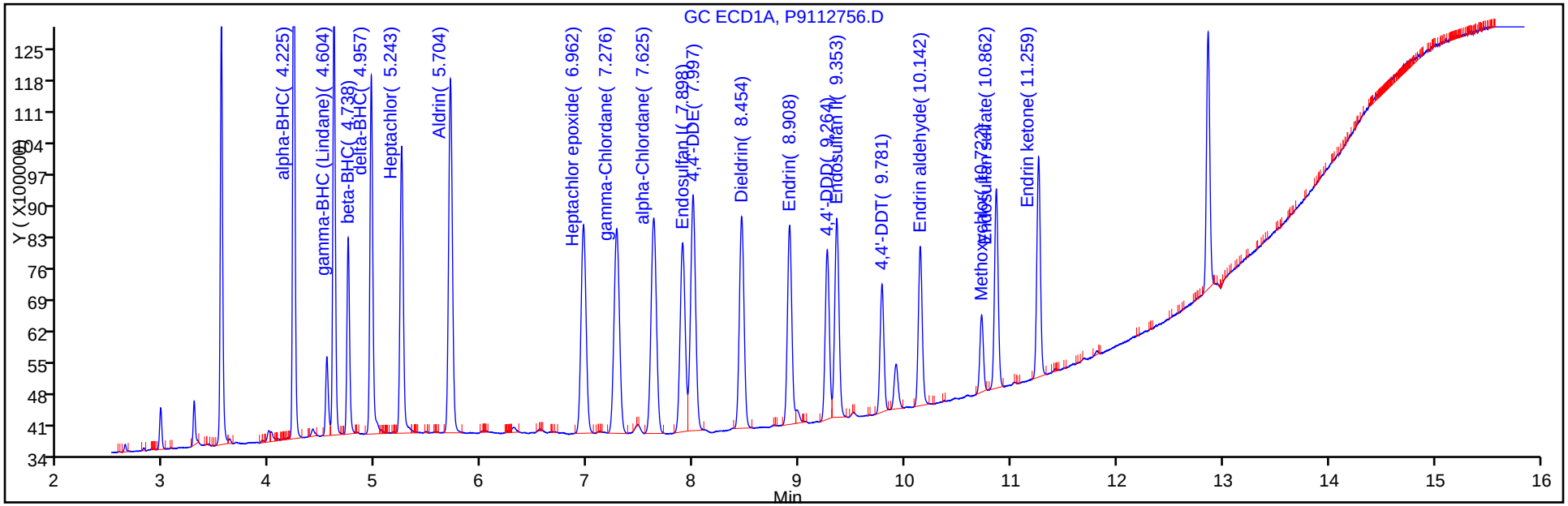
Report Date: 29-Nov-2012 11:22:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

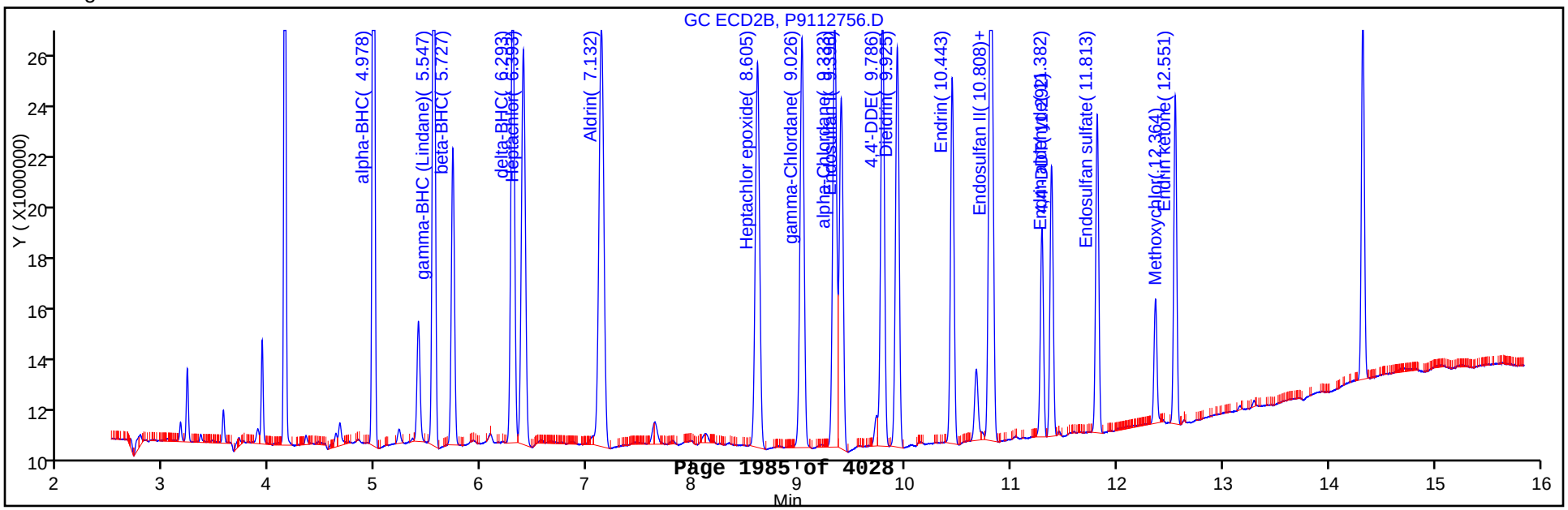
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Injection Date:	29-Nov-2012 03:03:52	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	56
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS | Lab Sample ID: 240-17422-2 MS

Matrix: Solid | Lab File ID: P9112721.D

Analysis Method: 8081/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.77(g) | Date Analyzed: 11/28/2012 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	35.2	D	10	3.4	3.1
33213-65-9	Endosulfan II	29.3	D	13	6.7	4.1
1024-57-3	Heptachlor epoxide	36.3	D	13	6.7	4.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		55-130
877-09-8	Tetrachloro-m-xylene	106		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112721.D
Lims ID: 240-17422-A-2-R MS
Client ID: 076SS-0020M-0002-SO
Inject. Date: 28-Nov-2012 11:00:19
Dil. Factor: 5.0000
Sample Type: MS
Sample ID: 240-0015316-021
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 21
Lims Batch ID: 66500
Lims Sample ID: 21
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:26:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	10219238	0.004230			
2	100	4.141	4.140	0.001	26633510	0.003747			
						RPD = 12.11			
5 alpha-BHC									
1	100	4.225	4.225	0.000	65387406	0.0206			
2	100	4.979	4.978	0.001	184374492	0.0185			
						RPD = 10.65			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	54233437	0.0201			
2	100	5.548	5.547	0.001	156974023	0.0189			
						RPD = 6.08			
7 beta-BHC									
1	100	4.739	4.739	0.000	27221521	0.0228			
2	100	5.728	5.726	0.002	71885755	0.0199			
						RPD = 13.55			
11 delta-BHC									
1	100	4.956	4.957	-0.001	55416616	0.0214			
2	100	6.292	6.292	0.000	179137115	0.0226			
						RPD = 5.77			
22 Heptachlor									
1	100	5.243	5.243	0.000	48662995	0.0200			
2	100	6.391	6.394	-0.003	125486217	0.0176			
						RPD = 12.76			
4 Aldrin									
1	100	5.705	5.705	0.000	58747276	0.0198			
2	100	7.131	7.130	0.001	162116987	0.0197			
						RPD = 0.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	53301205	0.0216			
2	100	8.611	8.603	0.008	193925482	0.0284			
						RPD = 27.06			
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	53217615	0.0201			
2	100	9.026	9.024	0.002	130430850	0.0187			
						RPD = 7.33			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	49170374	0.0181			
2	100	9.334	9.334	0.000	133256867	0.0189			
						RPD = 4.39			
14 Endosulfan I									
1	100	7.899	7.896	0.003	36282734	0.0156			
2	100	9.396	9.396	0.000	84324608	0.0146			
						RPD = 6.21			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	57733995	0.0199			
2	100	9.787	9.785	0.002	133214430	0.0185			
						RPD = 7.61			
13 Dieldrin									
1	100	8.456	8.455	0.001	51750592	0.0213			
2	100	9.926	9.926	0.000	118538204	0.0188			
						RPD = 12.68			
17 Endrin									
1	100	8.909	8.908	0.001	46191857	0.0207			
2	100	10.446	10.445	0.001	109159847	0.0188			
						RPD = 9.75			
1 4,4'-DDD									
1	100	9.262	9.263	-0.001	37604105	0.0210			
2	100	10.808	10.810	-0.002	170428781	0.0174			
						RPD = 18.83			
15 Endosulfan II									
1	100	9.354	9.353	0.001	37029082	0.0175			
2	100	10.808	10.810	-0.002	170428781	0.0174			
						RPD = 0.50			

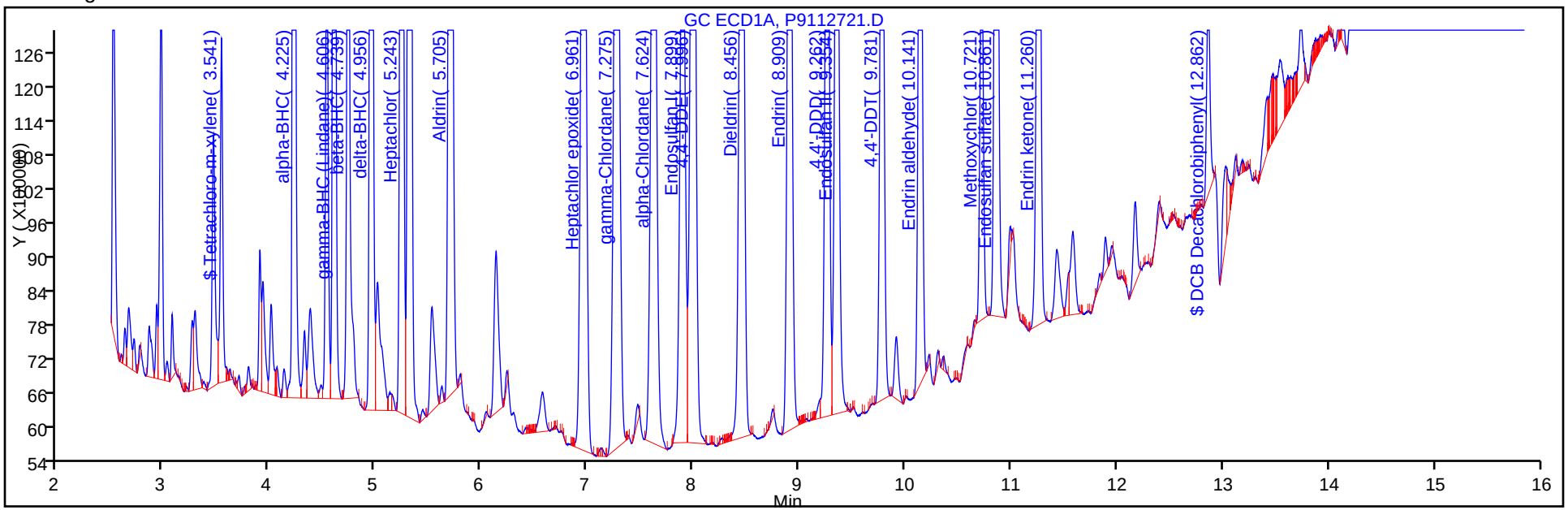
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.781	9.781	0.000	33709824	0.0237			
2	100	11.293	11.292	0.001	76095200	0.0229			
						RPD = 3.79			
18 Endrin aldehyde									
1	100	10.141	10.142	-0.001	33429046	0.0212			
2	100	11.383	11.383	0.000	79780290	0.0209			
						RPD = 1.80			
27 Methoxychlor									
1	100	10.721	10.723	-0.002	15596588	0.0229			
2	100	12.365	12.365	0.000	31989931	0.0192			
						RPD = 17.54			
16 Endosulfan sulfate									
1	100	10.861	10.860	0.001	41440681	0.0240			
2	100	11.815	11.815	0.000	94523036	0.0219			
						RPD = 9.08			
19 Endrin ketone									
1	100	11.260	11.260	0.000	41161262	0.0217			
2	100	12.553	12.552	0.001	81741126	0.0186			
						RPD = 15.36			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	8037075	0.003898			
2	100	14.325	14.325	0.000	18748791	0.003962			
						RPD = 1.63			

Report Date: 29-Nov-2012 11:21:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

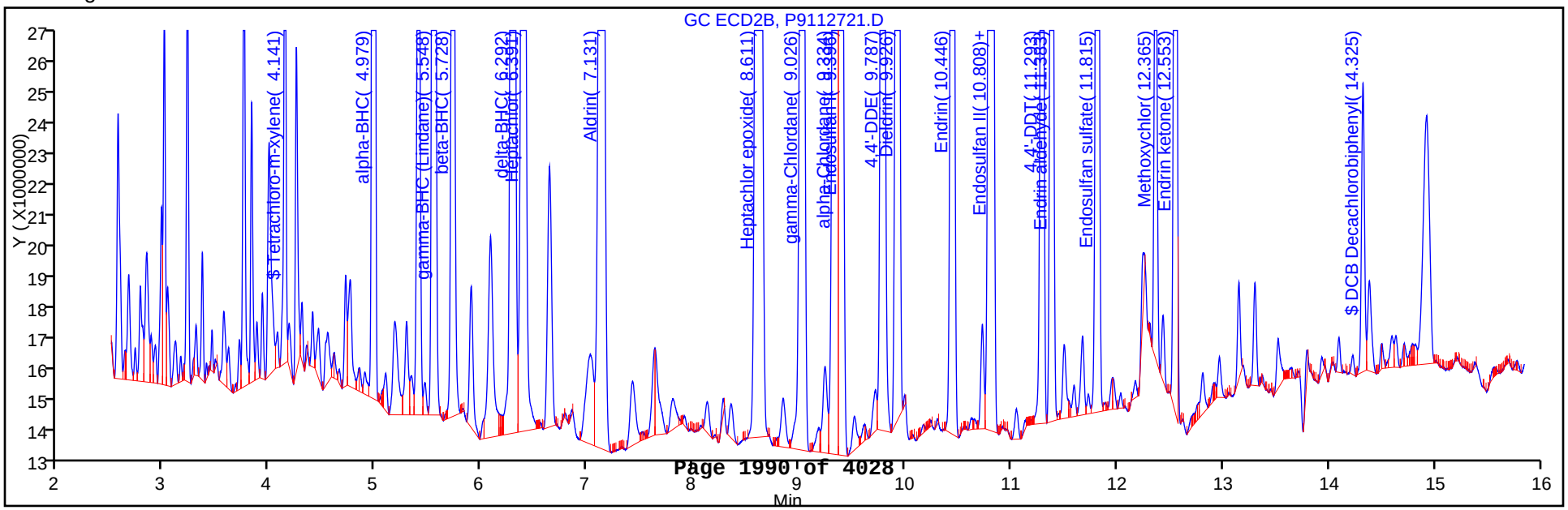
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112721.D		
Injection Date:	28-Nov-2012 11:00:19	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS | Lab Sample ID: 240-17422-2 MS

Matrix: Solid | Lab File ID: P9112721.D

Analysis Method: 8081/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.77(g) | Date Analyzed: 11/28/2012 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	31.0	D	8.6	3.4	2.0
50-29-3	4,4'-DDT	38.4	D	10	3.4	3.2
309-00-2	Aldrin	33.1	D	20	6.7	6.0
319-84-6	alpha-BHC	31.2	D	13	6.7	3.7
5103-71-9	alpha-Chlordane	31.8	D	15	6.7	4.7
319-85-7	beta-BHC	33.5	D	18	6.7	5.5
319-86-8	delta-BHC	38.0	D	20	6.7	6.0
60-57-1	Dieldrin	31.5	D	8.6	3.4	2.4
959-98-8	Endosulfan I	24.6	D	8.6	3.4	2.6
1031-07-8	Endosulfan sulfate	36.8	D	15	6.7	4.4
72-20-8	Endrin	31.5	D	8.6	3.4	2.5
7421-93-4	Endrin aldehyde	35.0	D	15	6.7	5.0
53494-70-5	Endrin ketone	31.3	D	10	3.4	3.2
58-89-9	gamma-BHC (Lindane)	31.8	D	13	6.7	3.7
5103-74-2	gamma-Chlordane	31.4	D	8.6	3.4	2.1
76-44-8	Heptachlor	29.5	D	18	6.7	5.5
72-43-5	Methoxychlor	32.3	D	25	17	7.6
8001-35-2	Toxaphene	100	U	340	100	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		55-130
877-09-8	Tetrachloro-m-xylene	94		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112721.D		
Lims ID:	240-17422-A-2-R MS	Client ID:	076SS-0020M-0002-SO
Inject. Date:	28-Nov-2012 11:00:19	Dil. Factor:	5.0000
Sample Type:	MS		
Sample ID:	240-0015316-021		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	66500	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 11:21:24	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: vandorenc		Date:	29-Nov-2012 10:26:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	10219238	0.004230			
2	100	4.141	4.140	0.001	26633510	0.003747			
						RPD = 12.11			
5 alpha-BHC									
1	100	4.225	4.225	0.000	65387406	0.0206			
2	100	4.979	4.978	0.001	184374492	0.0185			
						RPD = 10.65			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	54233437	0.0201			
2	100	5.548	5.547	0.001	156974023	0.0189			
						RPD = 6.08			
7 beta-BHC									
1	100	4.739	4.739	0.000	27221521	0.0228			
2	100	5.728	5.726	0.002	71885755	0.0199			
						RPD = 13.55			
11 delta-BHC									
1	100	4.956	4.957	-0.001	55416616	0.0214			
2	100	6.292	6.292	0.000	179137115	0.0226			
						RPD = 5.77			
22 Heptachlor									
1	100	5.243	5.243	0.000	48662995	0.0200			
2	100	6.391	6.394	-0.003	125486217	0.0176			
						RPD = 12.76			
4 Aldrin									
1	100	5.705	5.705	0.000	58747276	0.0198			
2	100	7.131	7.130	0.001	162116987	0.0197			
						RPD = 0.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	53301205	0.0216			
2	100	8.611	8.603	0.008	193925482	0.0284			
						RPD = 27.06			
21 gamma-Chlordane									
1	100	7.275	7.275	0.000	53217615	0.0201			
2	100	9.026	9.024	0.002	130430850	0.0187			
						RPD = 7.33			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	49170374	0.0181			
2	100	9.334	9.334	0.000	133256867	0.0189			
						RPD = 4.39			
14 Endosulfan I									
1	100	7.899	7.896	0.003	36282734	0.0156			
2	100	9.396	9.396	0.000	84324608	0.0146			
						RPD = 6.21			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	57733995	0.0199			
2	100	9.787	9.785	0.002	133214430	0.0185			
						RPD = 7.61			
13 Dieldrin									
1	100	8.456	8.455	0.001	51750592	0.0213			
2	100	9.926	9.926	0.000	118538204	0.0188			
						RPD = 12.68			
17 Endrin									
1	100	8.909	8.908	0.001	46191857	0.0207			
2	100	10.446	10.445	0.001	109159847	0.0188			
						RPD = 9.75			
1 4,4'-DDD									
1	100	9.262	9.263	-0.001	37604105	0.0210			
2	100	10.808	10.810	-0.002	170428781	0.0174			
						RPD = 18.83			
15 Endosulfan II									
1	100	9.354	9.353	0.001	37029082	0.0175			
2	100	10.808	10.810	-0.002	170428781	0.0174			
						RPD = 0.50			

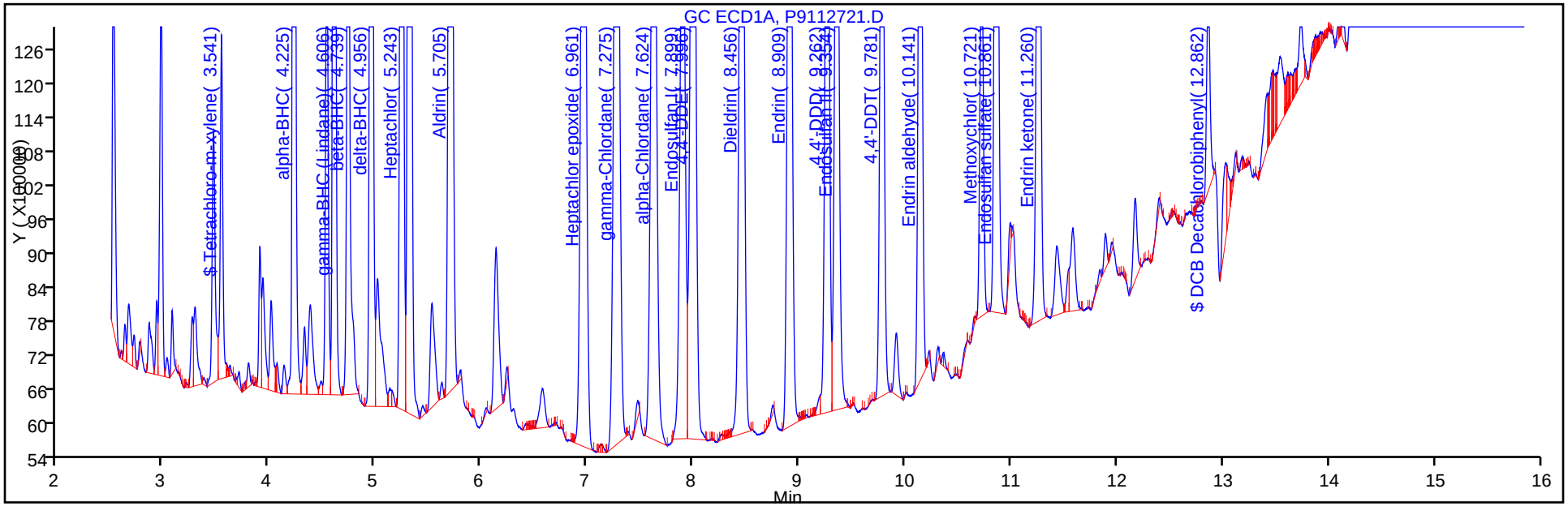
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.781	9.781	0.000	33709824	0.0237			
2	100	11.293	11.292	0.001	76095200	0.0229			
						RPD = 3.79			
18 Endrin aldehyde									
1	100	10.141	10.142	-0.001	33429046	0.0212			
2	100	11.383	11.383	0.000	79780290	0.0209			
						RPD = 1.80			
27 Methoxychlor									
1	100	10.721	10.723	-0.002	15596588	0.0229			
2	100	12.365	12.365	0.000	31989931	0.0192			
						RPD = 17.54			
16 Endosulfan sulfate									
1	100	10.861	10.860	0.001	41440681	0.0240			
2	100	11.815	11.815	0.000	94523036	0.0219			
						RPD = 9.08			
19 Endrin ketone									
1	100	11.260	11.260	0.000	41161262	0.0217			
2	100	12.553	12.552	0.001	81741126	0.0186			
						RPD = 15.36			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	8037075	0.003898			
2	100	14.325	14.325	0.000	18748791	0.003962			
						RPD = 1.63			

Report Date: 29-Nov-2012 11:21:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

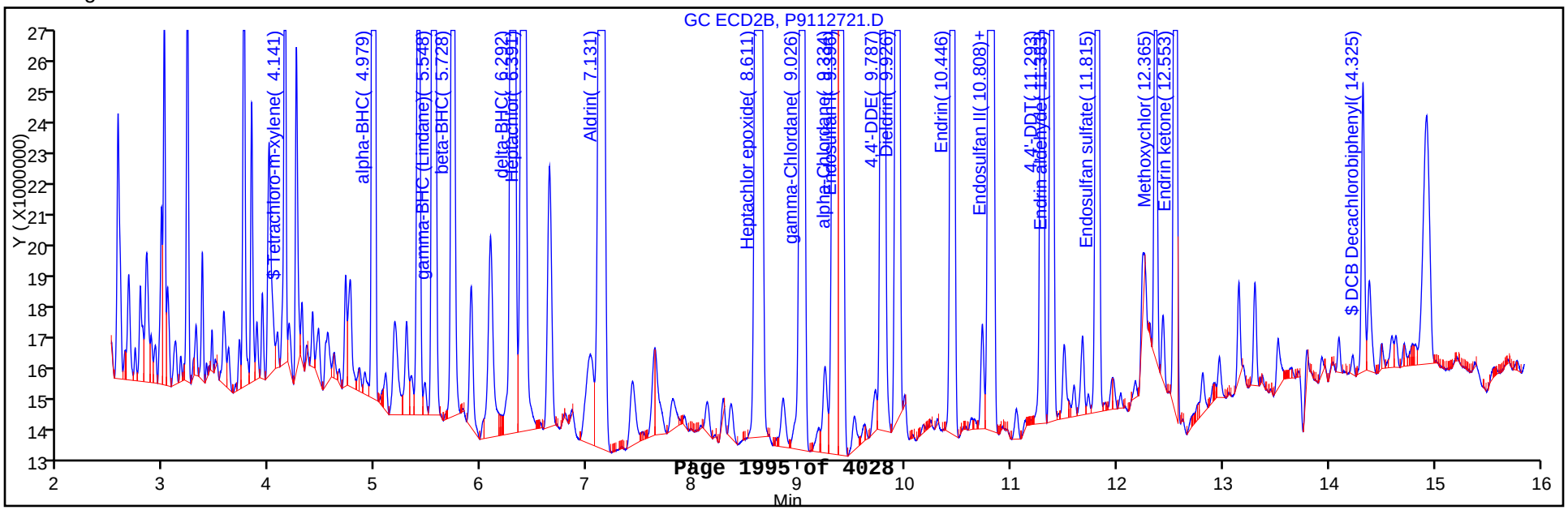
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112721.D		
Injection Date:	28-Nov-2012 11:00:19	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS | Lab Sample ID: 240-17422-6 MS

Matrix: Solid | Lab File ID: P9112726.D

Analysis Method: 8081/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 30.20(g) | Date Analyzed: 11/28/2012 13:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	33.1	J D	40	13	12
33213-65-9	Endosulfan II	27.9	J D	50	26	16
1024-57-3	Heptachlor epoxide	37.0	J D	50	26	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135	*Q*	55-130
877-09-8	Tetrachloro-m-xylene	115		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112726.D
Lims ID: 240-17422-A-6-R MS Client ID: 073SS-0003M-0002-SO
Inject. Date: 28-Nov-2012 13:16:46 Dil. Factor: 20.0000
Sample Type: MS
Sample ID: 240-0015316-026
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 66500 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:37:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	2781912	0.001152			
2	100	4.140	4.140	0.000	6808849	0.000958			
						RPD = 18.36			
5 alpha-BHC									
1	100	4.225	4.225	0.000	16391342	0.005173			
2	100	4.979	4.978	0.001	45938595	0.004622			
						RPD = 11.26			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	14327985	0.005314			
2	100	5.548	5.547	0.001	42494746	0.005124			
						RPD = 3.65			
7 beta-BHC									
1	100	4.738	4.739	-0.001	8466099	0.007102			
2	100	5.725	5.726	-0.001	51949558	0.0144			
						RPD = 67.94			
11 delta-BHC									
1	100	4.957	4.957	0.000	11964876	0.004614			
2	100	6.294	6.292	0.002	41475515	0.005242			
						RPD = 12.74			
22 Heptachlor									
1	100	5.244	5.243	0.001	14389087	0.005905			
2	100	6.395	6.394	0.001	37972997	0.005318			
						RPD = 10.46			
4 Aldrin									
1	100	5.705	5.705	0.000	15509136	0.005227			
2	100	7.130	7.130	0.000	43190927	0.005257			
						RPD = 0.58			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	13769999	0.005586			E
2	100	8.638	8.603	0.035	1396715743	0.2044			E
						RPD = 189.36			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	13676353	0.005176			
2	100	9.025	9.024	0.001	34953846	0.005016			
						RPD = 3.14			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	14081545	0.005190			
2	100	9.335	9.334	0.001	34230069	0.004864			
						RPD = 6.48			
14 Endosulfan I									
1	100	7.898	7.896	0.002	9448315	0.004057			
2	100	9.396	9.396	0.000	21550437	0.003742			
						RPD = 8.08			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	16039060	0.005541			
2	100	9.786	9.785	0.001	37546012	0.005210			
						RPD = 6.17			
13 Dieldrin									
1	100	8.457	8.455	0.002	12527683	0.005157			
2	100	9.926	9.926	0.000	30881432	0.004888			
						RPD = 5.35			
17 Endrin									
1	100	8.905	8.908	-0.003	16504255	0.007390			
2	100	10.445	10.445	0.000	26987177	0.004638			
						RPD = 45.76			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	8945347	0.004992			
2	100	10.808	10.810	-0.002	43209235	0.004405			
						RPD = 12.50			
15 Endosulfan II									
1	100	9.353	9.353	0.000	8935072	0.004213			
2	100	10.808	10.810	-0.002	43209235	0.004405			
						RPD = 4.45			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	7153852	0.005037			
2	100	11.292	11.292	0.000	17160039	0.005154			
						RPD = 2.28			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	8118003	0.005156			
2	100	11.383	11.383	0.000	19108817	0.004995			
						RPD = 3.18			
27 Methoxychlor									
1	100	10.723	10.723	0.000	3345646	0.004922			
2	100	12.365	12.365	0.000	10924081	0.006572			
						RPD = 28.71			
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	9374510	0.005428			
2	100	11.815	11.815	0.000	23060301	0.005345			
						RPD = 1.53			
19 Endrin ketone									
1	100	11.260	11.260	0.000	9512934	0.005026			
2	100	12.551	12.552	-0.001	21038447	0.004799			
						RPD = 4.62			
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.862	0.003	2781999	0.001349			
2	100	14.325	14.325	0.000	7008509	0.001481			
						RPD = 9.31			

QC Flag Legend

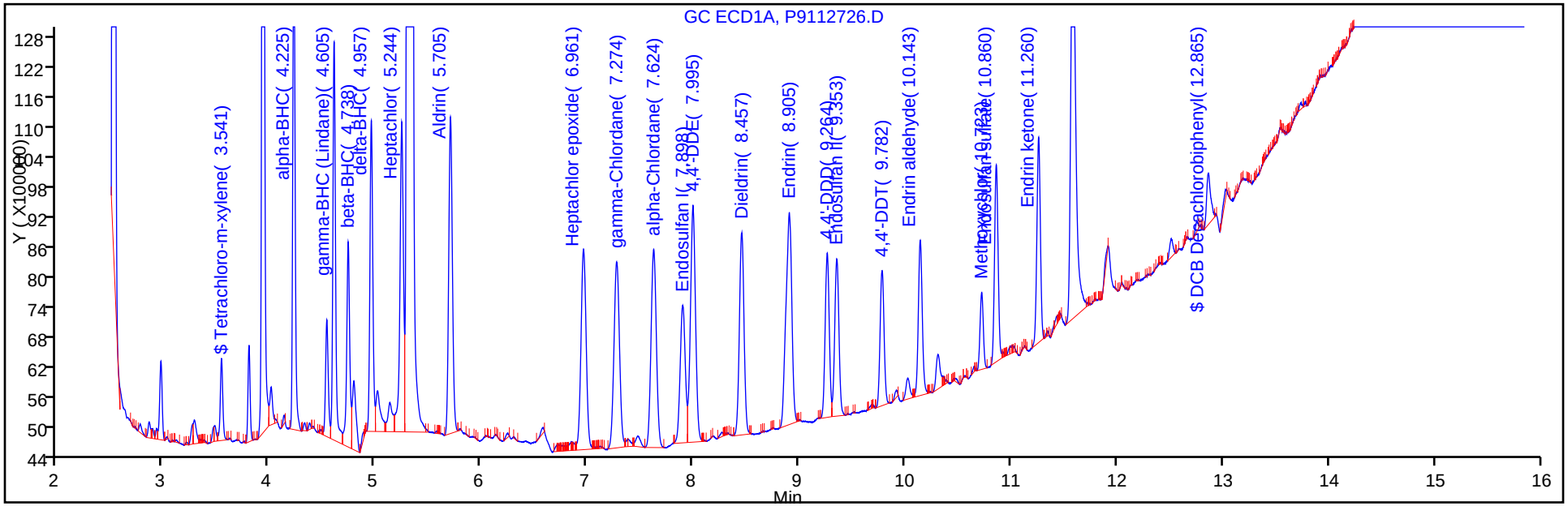
Processing Flags
E - Exceeded Maximum Amount

Report Date: 29-Nov-2012 11:21:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

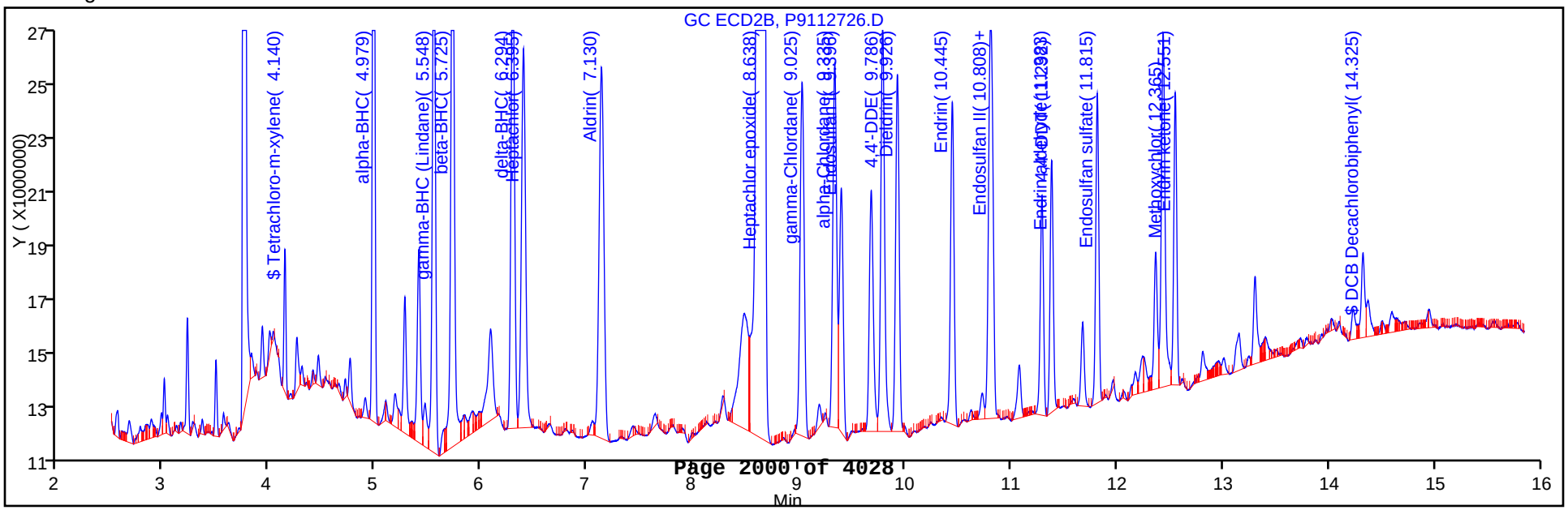
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112726.D		
Injection Date:	28-Nov-2012 13:16:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS | Lab Sample ID: 240-17422-6 MS

Matrix: Solid | Lab File ID: P9112726.D

Analysis Method: 8081/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 30.20(g) | Date Analyzed: 11/28/2012 13:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	34.5	D	34	13	7.7
50-29-3	4,4'-DDT	34.1	J D	40	13	13
309-00-2	Aldrin	34.8	J D	79	26	24
319-84-6	alpha-BHC	30.6	J D	50	26	15
5103-71-9	alpha-Chlordane	32.2	J D	60	26	19
319-85-7	beta-BHC	95.4	4 D	70	26	22
319-86-8	delta-BHC	34.7	J D	79	26	24
60-57-1	Dieldrin	32.4	J D	34	13	9.3
959-98-8	Endosulfan I	24.8	J D	34	13	10
1031-07-8	Endosulfan sulfate	35.4	J D	60	26	17
72-20-8	Endrin	30.7	J D	34	13	9.9
7421-93-4	Endrin aldehyde	33.1	J D	60	26	20
53494-70-5	Endrin ketone	31.8	J D	40	13	13
58-89-9	gamma-BHC (Lindane)	33.9	J D	50	26	15
5103-74-2	gamma-Chlordane	33.2	J D	34	13	8.3
76-44-8	Heptachlor	35.2	J D	70	26	22
72-43-5	Methoxychlor	43.5	J D	99	66	30
8001-35-2	Toxaphene	400	U	1300	400	380

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	148	Q	55-130
877-09-8	Tetrachloro-m-xylene	96		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112726.D		
Lims ID:	240-17422-A-6-R MS	Client ID:	073SS-0003M-0002-SO
Inject. Date:	28-Nov-2012 13:16:46	Dil. Factor:	20.0000
Sample Type:	MS		
Sample ID:	240-0015316-026		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	66500	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 11:21:24	Calib Date:	28-Nov-2012 08:42:02
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: vandorenc		Date:	29-Nov-2012 10:37:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	2781912	0.001152			
2	100	4.140	4.140	0.000	6808849	0.000958			
						RPD = 18.36			
5 alpha-BHC									
1	100	4.225	4.225	0.000	16391342	0.005173			
2	100	4.979	4.978	0.001	45938595	0.004622			
						RPD = 11.26			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	14327985	0.005314			
2	100	5.548	5.547	0.001	42494746	0.005124			
						RPD = 3.65			
7 beta-BHC									
1	100	4.738	4.739	-0.001	8466099	0.007102			
2	100	5.725	5.726	-0.001	51949558	0.0144			
						RPD = 67.94			
11 delta-BHC									
1	100	4.957	4.957	0.000	11964876	0.004614			
2	100	6.294	6.292	0.002	41475515	0.005242			
						RPD = 12.74			
22 Heptachlor									
1	100	5.244	5.243	0.001	14389087	0.005905			
2	100	6.395	6.394	0.001	37972997	0.005318			
						RPD = 10.46			
4 Aldrin									
1	100	5.705	5.705	0.000	15509136	0.005227			
2	100	7.130	7.130	0.000	43190927	0.005257			
						RPD = 0.58			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	13769999	0.005586			E
2	100	8.638	8.603	0.035	1396715743	0.2044			E
						RPD = 189.36			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	13676353	0.005176			
2	100	9.025	9.024	0.001	34953846	0.005016			
						RPD = 3.14			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	14081545	0.005190			
2	100	9.335	9.334	0.001	34230069	0.004864			
						RPD = 6.48			
14 Endosulfan I									
1	100	7.898	7.896	0.002	9448315	0.004057			
2	100	9.396	9.396	0.000	21550437	0.003742			
						RPD = 8.08			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	16039060	0.005541			
2	100	9.786	9.785	0.001	37546012	0.005210			
						RPD = 6.17			
13 Dieldrin									
1	100	8.457	8.455	0.002	12527683	0.005157			
2	100	9.926	9.926	0.000	30881432	0.004888			
						RPD = 5.35			
17 Endrin									
1	100	8.905	8.908	-0.003	16504255	0.007390			
2	100	10.445	10.445	0.000	26987177	0.004638			
						RPD = 45.76			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	8945347	0.004992			
2	100	10.808	10.810	-0.002	43209235	0.004405			
						RPD = 12.50			
15 Endosulfan II									
1	100	9.353	9.353	0.000	8935072	0.004213			
2	100	10.808	10.810	-0.002	43209235	0.004405			
						RPD = 4.45			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	7153852	0.005037			
2	100	11.292	11.292	0.000	17160039	0.005154			
						RPD = 2.28			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	8118003	0.005156			
2	100	11.383	11.383	0.000	19108817	0.004995			
						RPD = 3.18			
27 Methoxychlor									
1	100	10.723	10.723	0.000	3345646	0.004922			
2	100	12.365	12.365	0.000	10924081	0.006572			
						RPD = 28.71			
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	9374510	0.005428			
2	100	11.815	11.815	0.000	23060301	0.005345			
						RPD = 1.53			
19 Endrin ketone									
1	100	11.260	11.260	0.000	9512934	0.005026			
2	100	12.551	12.552	-0.001	21038447	0.004799			
						RPD = 4.62			
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.862	0.003	2781999	0.001349			
2	100	14.325	14.325	0.000	7008509	0.001481			
						RPD = 9.31			

QC Flag Legend

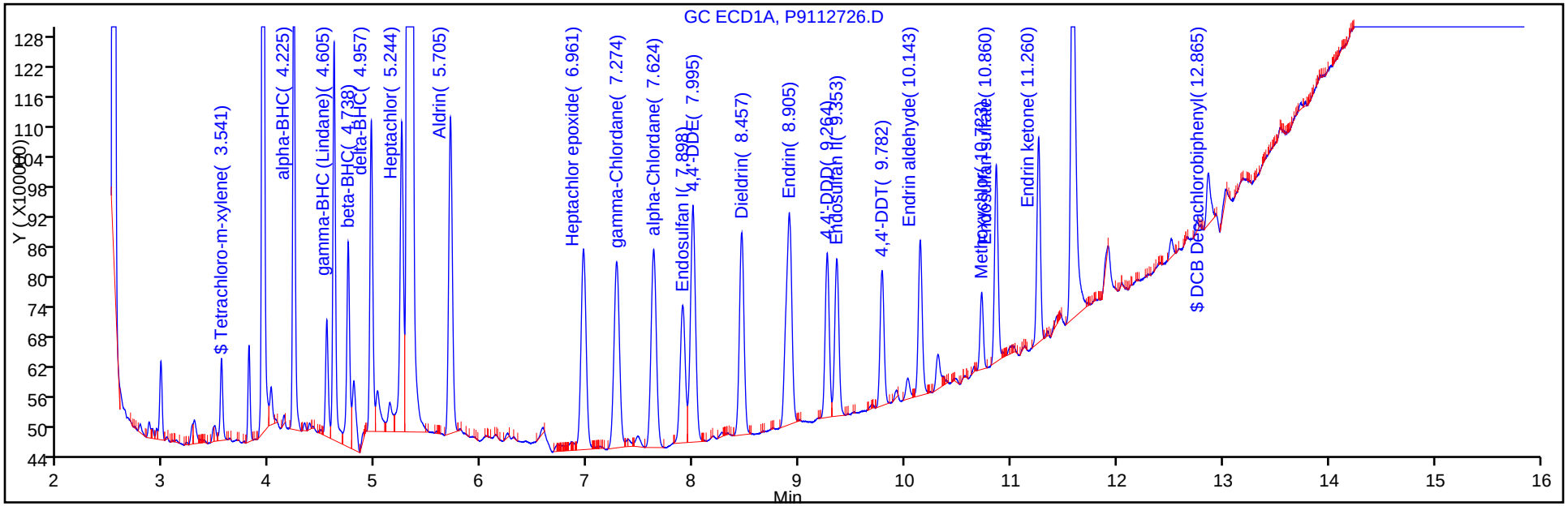
Processing Flags
E - Exceeded Maximum Amount

Report Date: 29-Nov-2012 11:21:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

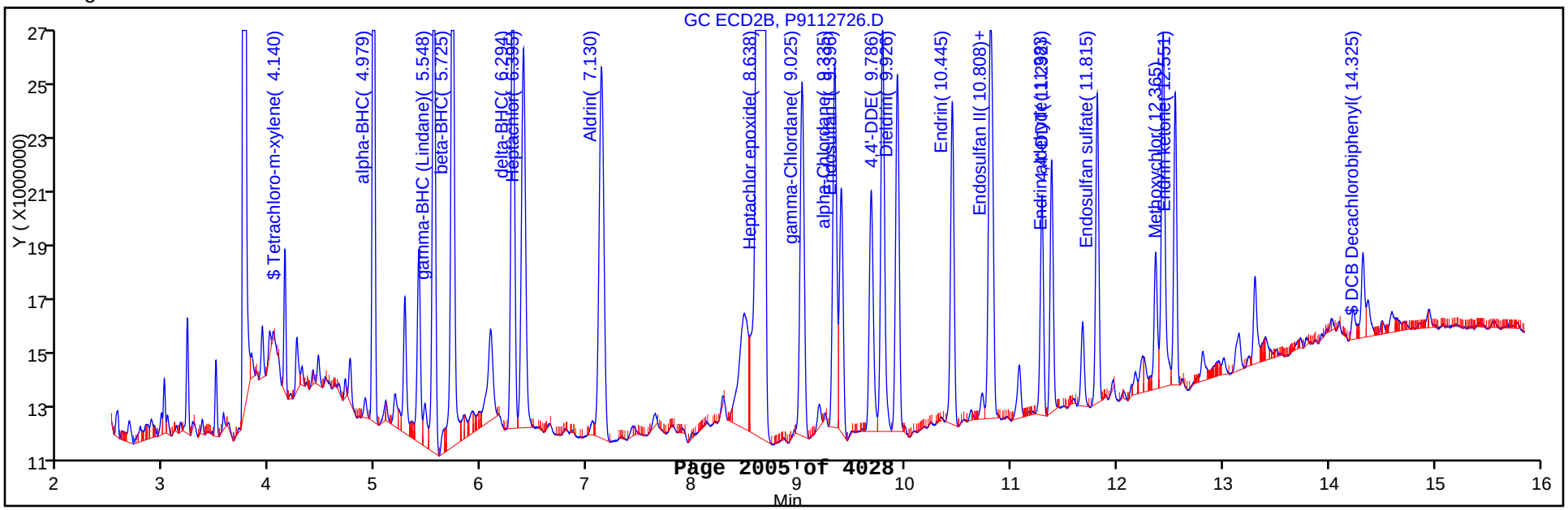
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112726.D		
Injection Date:	28-Nov-2012 13:16:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD | Lab Sample ID: 240-17422-2 MSD

Matrix: Solid | Lab File ID: P9112722.D

Analysis Method: 8081/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.68(g) | Date Analyzed: 11/28/2012 11:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	30.6	D	10	3.4	3.1
33213-65-9	Endosulfan II	26.3	D	13	6.7	4.1
1024-57-3	Heptachlor epoxide	34.5	D	13	6.7	4.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		55-130
877-09-8	Tetrachloro-m-xylene	106		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112722.D
Lims ID: 240-17422-A-2-S MSD Client ID: 076SS-0020M-0002-SO
Inject. Date: 28-Nov-2012 11:28:14 Dil. Factor: 5.0000
Sample Type: MSD
Sample ID: 240-0015316-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 66500 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:27:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	10276662	0.004254			
2	100	4.140	4.140	0.000	28988915	0.004078			
						RPD = 4.21			
5 alpha-BHC									
1	100	4.225	4.225	0.000	64712639	0.0204			
2	100	4.979	4.978	0.001	179291556	0.0180			
						RPD = 12.40			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	49574999	0.0184			
2	100	5.548	5.547	0.001	142426386	0.0172			
						RPD = 6.83			
7 beta-BHC									
1	100	4.739	4.739	0.000	26576792	0.0223			
2	100	5.727	5.726	0.001	66677503	0.0185			
						RPD = 18.64			
11 delta-BHC									
1	100	4.957	4.957	0.000	53773250	0.0207			
2	100	6.293	6.292	0.001	166151865	0.0210			
						RPD = 1.26			
22 Heptachlor									
1	100	5.244	5.243	0.001	42864264	0.0176			
2	100	6.391	6.394	-0.003	101501523	0.0142			
						RPD = 21.22			
4 Aldrin									
1	100	5.705	5.705	0.000	61957655	0.0209			
2	100	7.130	7.130	0.000	155494380	0.0189			
						RPD = 9.82			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	50423036	0.0205			
2	100	8.608	8.603	0.005	173385292	0.0254			
						RPD = 21.50			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	49134560	0.0186			
2	100	9.025	9.024	0.001	118107195	0.0169			
						RPD = 9.27			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	46449088	0.0171			
2	100	9.334	9.334	0.000	120898982	0.0172			
						RPD = 0.35			
14 Endosulfan I									
1	100	7.899	7.896	0.003	35131202	0.0151			
2	100	9.396	9.396	0.000	75757779	0.0132			
						RPD = 13.68			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	55089100	0.0190			
2	100	9.786	9.785	0.001	128060535	0.0178			
						RPD = 6.87			
13 Dieldrin									
1	100	8.457	8.455	0.002	47571047	0.0196			
2	100	9.927	9.926	0.001	111867916	0.0177			
						RPD = 10.06			
17 Endrin									
1	100	8.908	8.908	0.000	41142637	0.0184			
2	100	10.444	10.445	-0.001	95060564	0.0163			
						RPD = 12.00			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	32600831	0.0182			
2	100	10.808	10.810	-0.002	149235146	0.0152			
						RPD = 17.84			
15 Endosulfan II									
1	100	9.354	9.353	0.001	33046288	0.0156			
2	100	10.808	10.810	-0.002	149235146	0.0152			
						RPD = 2.40			

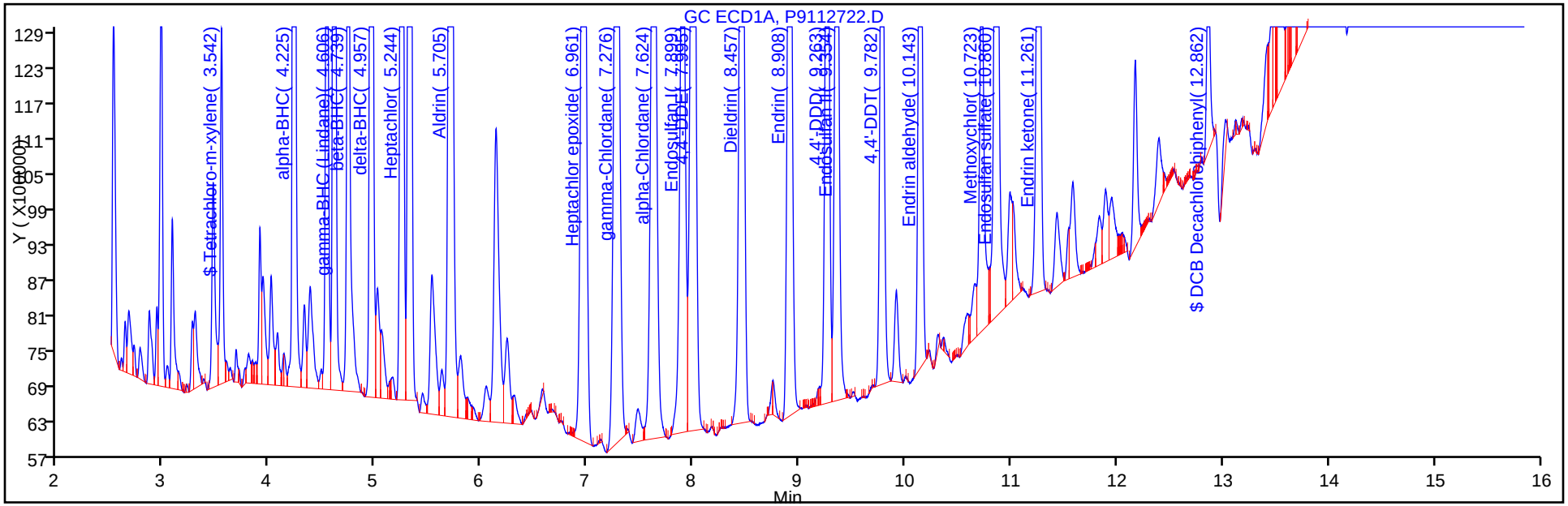
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	29495223	0.0208			
2	100	11.292	11.292	0.000	65266544	0.0196			
						RPD = 5.78			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	29776139	0.0189			
2	100	11.384	11.383	0.001	69215003	0.0181			
						RPD = 4.44			
27 Methoxychlor									
1	100	10.723	10.723	0.000	20340519	0.0299			
2	100	12.366	12.365	0.001	37156551	0.0224			
						RPD = 28.96			
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	43404402	0.0251			
2	100	11.815	11.815	0.000	83466534	0.0193			
						RPD = 26.01			
19 Endrin ketone									
1	100	11.261	11.260	0.001	36322877	0.0192			
2	100	12.553	12.552	0.001	75102613	0.0171			
						RPD = 11.34			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	7525150	0.003650			
2	100	14.324	14.325	-0.001	16729570	0.003535			
						RPD = 3.19			

Report Date: 29-Nov-2012 11:21:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

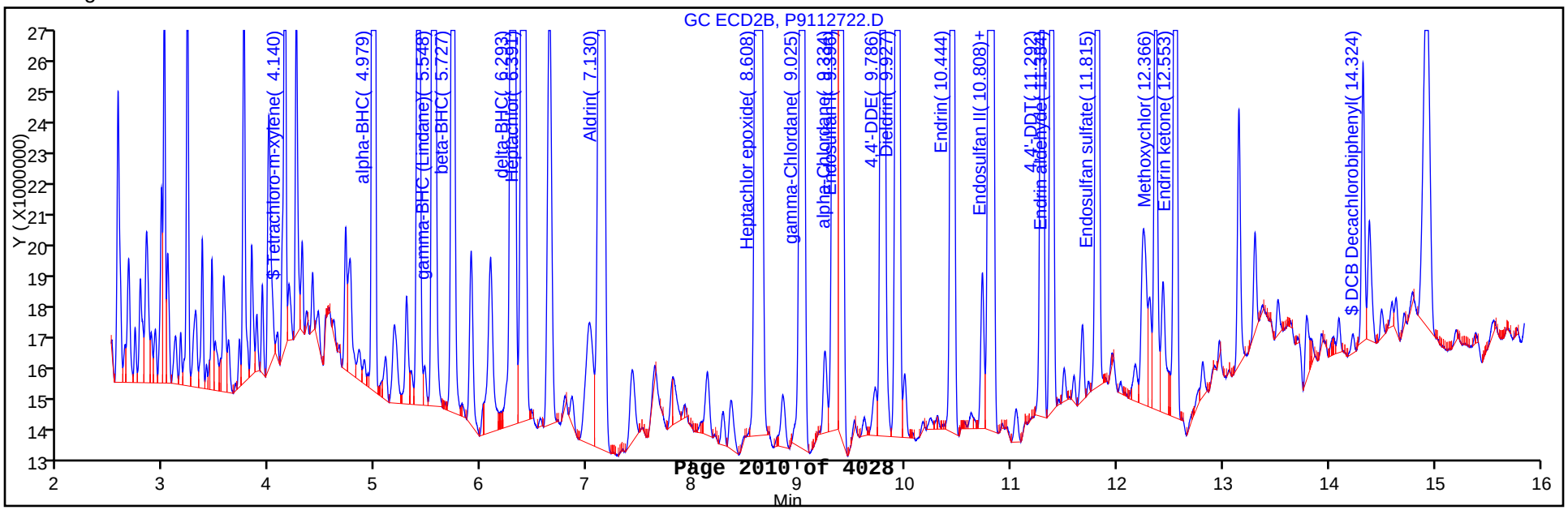
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112722.D		
Injection Date:	28-Nov-2012 11:28:14	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	22
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD | Lab Sample ID: 240-17422-2 MSD

Matrix: Solid | Lab File ID: P9112722.D

Analysis Method: 8081/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.68(g) | Date Analyzed: 11/28/2012 11:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	29.9	D	8.6	3.4	2.0
50-29-3	4,4'-DDT	33.0	D	10	3.4	3.2
309-00-2	Aldrin	31.9	D	20	6.7	6.1
319-84-6	alpha-BHC	30.4	D	13	6.7	3.7
5103-71-9	alpha-Chlordane	28.9	D	15	6.7	4.8
319-85-7	beta-BHC	31.2	D	18	6.7	5.6
319-86-8	delta-BHC	35.4	D	20	6.7	6.1
60-57-1	Dieldrin	29.8	D	8.6	3.4	2.4
959-98-8	Endosulfan I	22.2	D	8.6	3.4	2.6
1031-07-8	Endosulfan sulfate	32.6	D	15	6.7	4.4
72-20-8	Endrin	27.5	D	8.6	3.4	2.5
7421-93-4	Endrin aldehyde	30.5	D	15	6.7	5.1
53494-70-5	Endrin ketone	28.9	D	10	3.4	3.2
58-89-9	gamma-BHC (Lindane)	28.9	D	13	6.7	3.7
5103-74-2	gamma-Chlordane	28.6	D	8.6	3.4	2.1
76-44-8	Heptachlor	23.9	D	18	6.7	5.6
72-43-5	Methoxychlor	37.7	D	25	17	7.6
8001-35-2	Toxaphene	100	U	340	100	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		55-130
877-09-8	Tetrachloro-m-xylene	102		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112722.D
Lims ID: 240-17422-A-2-S MSD Client ID: 076SS-0020M-0002-SO
Inject. Date: 28-Nov-2012 11:28:14 Dil. Factor: 5.0000
Sample Type: MSD
Sample ID: 240-0015316-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 66500 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24 Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:27:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	10276662	0.004254			
2	100	4.140	4.140	0.000	28988915	0.004078			
						RPD = 4.21			
5 alpha-BHC									
1	100	4.225	4.225	0.000	64712639	0.0204			
2	100	4.979	4.978	0.001	179291556	0.0180			
						RPD = 12.40			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	49574999	0.0184			
2	100	5.548	5.547	0.001	142426386	0.0172			
						RPD = 6.83			
7 beta-BHC									
1	100	4.739	4.739	0.000	26576792	0.0223			
2	100	5.727	5.726	0.001	66677503	0.0185			
						RPD = 18.64			
11 delta-BHC									
1	100	4.957	4.957	0.000	53773250	0.0207			
2	100	6.293	6.292	0.001	166151865	0.0210			
						RPD = 1.26			
22 Heptachlor									
1	100	5.244	5.243	0.001	42864264	0.0176			
2	100	6.391	6.394	-0.003	101501523	0.0142			
						RPD = 21.22			
4 Aldrin									
1	100	5.705	5.705	0.000	61957655	0.0209			
2	100	7.130	7.130	0.000	155494380	0.0189			
						RPD = 9.82			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	50423036	0.0205			
2	100	8.608	8.603	0.005	173385292	0.0254			
						RPD = 21.50			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	49134560	0.0186			
2	100	9.025	9.024	0.001	118107195	0.0169			
						RPD = 9.27			
6 alpha-Chlordane									
1	100	7.624	7.623	0.001	46449088	0.0171			
2	100	9.334	9.334	0.000	120898982	0.0172			
						RPD = 0.35			
14 Endosulfan I									
1	100	7.899	7.896	0.003	35131202	0.0151			
2	100	9.396	9.396	0.000	75757779	0.0132			
						RPD = 13.68			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	55089100	0.0190			
2	100	9.786	9.785	0.001	128060535	0.0178			
						RPD = 6.87			
13 Dieldrin									
1	100	8.457	8.455	0.002	47571047	0.0196			
2	100	9.927	9.926	0.001	111867916	0.0177			
						RPD = 10.06			
17 Endrin									
1	100	8.908	8.908	0.000	41142637	0.0184			
2	100	10.444	10.445	-0.001	95060564	0.0163			
						RPD = 12.00			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	32600831	0.0182			
2	100	10.808	10.810	-0.002	149235146	0.0152			
						RPD = 17.84			
15 Endosulfan II									
1	100	9.354	9.353	0.001	33046288	0.0156			
2	100	10.808	10.810	-0.002	149235146	0.0152			
						RPD = 2.40			

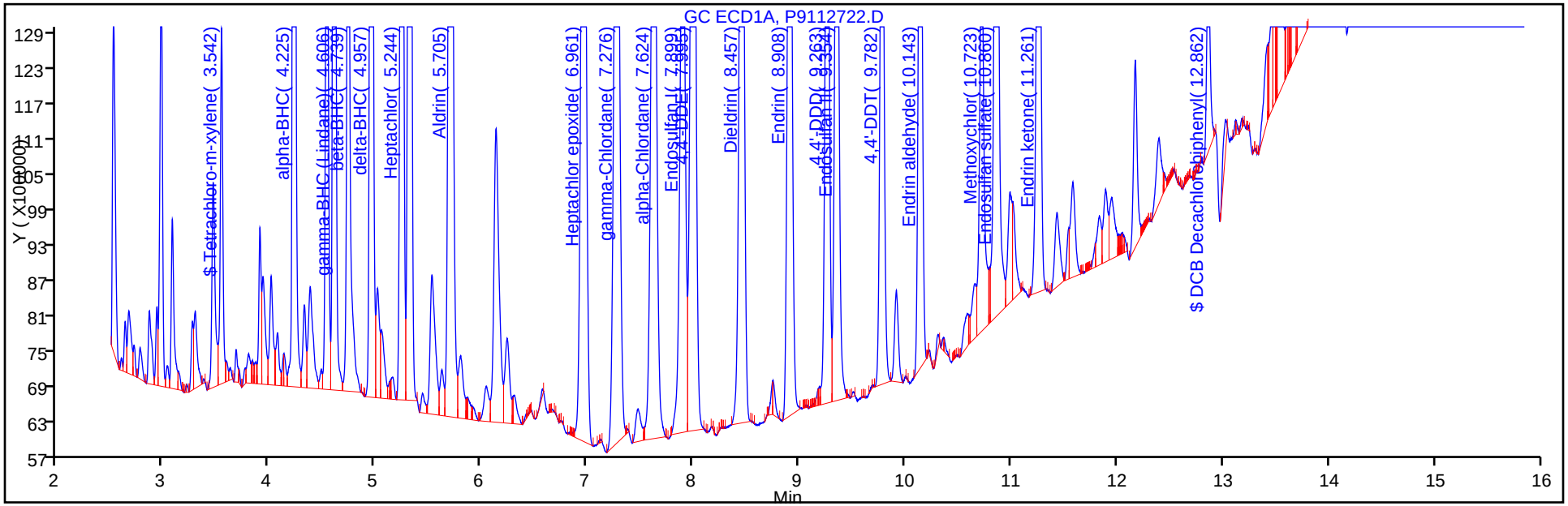
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	29495223	0.0208			
2	100	11.292	11.292	0.000	65266544	0.0196			
						RPD = 5.78			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	29776139	0.0189			
2	100	11.384	11.383	0.001	69215003	0.0181			
						RPD = 4.44			
27 Methoxychlor									
1	100	10.723	10.723	0.000	20340519	0.0299			
2	100	12.366	12.365	0.001	37156551	0.0224			
						RPD = 28.96			
16 Endosulfan sulfate									
1	100	10.860	10.860	0.000	43404402	0.0251			
2	100	11.815	11.815	0.000	83466534	0.0193			
						RPD = 26.01			
19 Endrin ketone									
1	100	11.261	11.260	0.001	36322877	0.0192			
2	100	12.553	12.552	0.001	75102613	0.0171			
						RPD = 11.34			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	7525150	0.003650			
2	100	14.324	14.325	-0.001	16729570	0.003535			
						RPD = 3.19			

Report Date: 29-Nov-2012 11:21:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

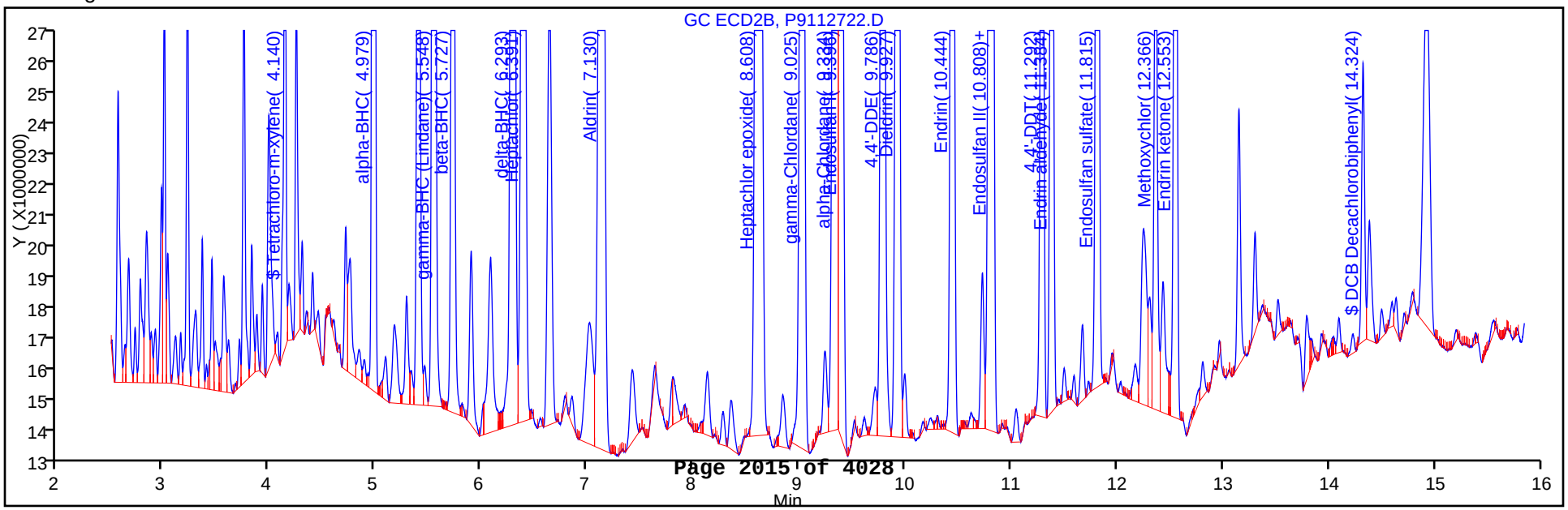
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112722.D		
Injection Date:	28-Nov-2012 11:28:14	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	22
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD Lab Sample ID: 240-17422-6 MSD

Matrix: Solid Lab File ID: P9112727.D

Analysis Method: 8081/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.81(g) Date Analyzed: 11/28/2012 13:44

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	34.8	J D	40	13	12
33213-65-9	Endosulfan II	29.2	J D	50	27	17
1024-57-3	Heptachlor epoxide	37.9	J D	50	27	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	161	*Q*	55-130
877-09-8	Tetrachloro-m-xylene	120		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112727.D
Lims ID: 240-17422-A-6-S MSD
Client ID: 073SS-0003M-0002-SO
Inject. Date: 28-Nov-2012 13:44:46
Dil. Factor: 20.0000
Sample Type: MSD
Sample ID: 240-0015316-027
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 66500
Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:38:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	2889483	0.001196			
2	100	4.141	4.140	0.001	7673315	0.001080			
						RPD = 10.24			
5 alpha-BHC									
1	100	4.225	4.225	0.000	17240759	0.005441			
2	100	4.978	4.978	0.000	48947269	0.004924			
						RPD = 9.97			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	14713349	0.005457			
2	100	5.547	5.547	0.000	44734100	0.005394			
						RPD = 1.16			
7 beta-BHC									
1	100	4.737	4.739	-0.002	9358078	0.007850			
2	100	5.724	5.726	-0.002	53877830	0.0149			
						RPD = 62.24			
11 delta-BHC									
1	100	4.957	4.957	0.000	11452263	0.004416			
2	100	6.292	6.292	0.000	44264064	0.005594			
						RPD = 23.54			
22 Heptachlor									
1	100	5.245	5.243	0.002	13737317	0.005637			
2	100	6.394	6.394	0.000	38983842	0.005459			
						RPD = 3.20			
4 Aldrin									
1	100	5.706	5.705	0.001	16705610	0.005630			
2	100	7.132	7.130	0.002	44071221	0.005365			
						RPD = 4.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	13941867	0.005655			
2	100	8.637	8.603	0.034	1263215317	0.1849			
						RPD = 188.13			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	14110469	0.005340			
2	100	9.027	9.024	0.003	38670129	0.005549			
						RPD = 3.84			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	14889755	0.005487			
2	100	9.333	9.334	-0.001	35788763	0.005085			
						RPD = 7.61			
14 Endosulfan I									
1	100	7.899	7.896	0.003	9578271	0.004113			
2	100	9.396	9.396	0.000	23181669	0.004025			
						RPD = 2.16			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	16539988	0.005714			
2	100	9.787	9.785	0.002	39787597	0.005521			
						RPD = 3.45			
13 Dieldrin									
1	100	8.455	8.455	0.000	13357932	0.005499			
2	100	9.926	9.926	0.000	33235443	0.005261			
						RPD = 4.42			
17 Endrin									
1	100	8.908	8.908	0.000	12388663	0.005547			
2	100	10.446	10.445	0.001	29126007	0.005006			
						RPD = 10.26			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	9282464	0.005180			
2	100	10.808	10.810	-0.002	45278053	0.004616			
						RPD = 11.53			
15 Endosulfan II									
1	100	9.354	9.353	0.001	9236699	0.004355			
2	100	10.808	10.810	-0.002	45278053	0.004616			
						RPD = 5.80			

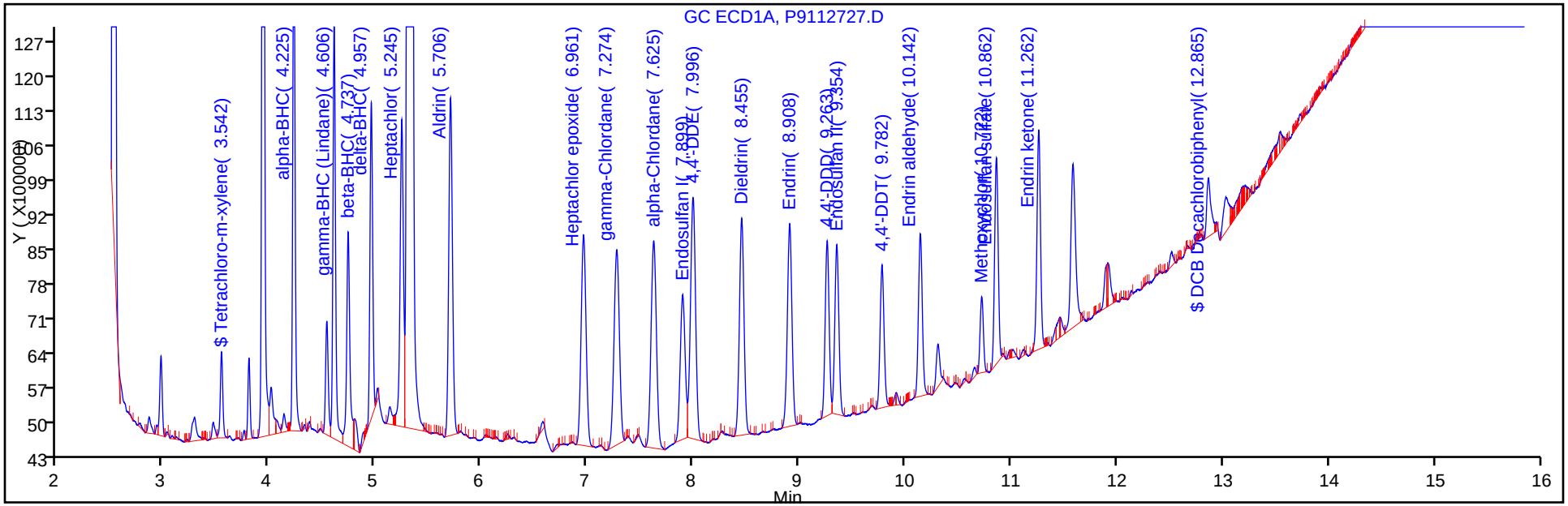
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	7555608	0.005320			
2	100	11.292	11.292	0.000	17754147	0.005332			
						RPD = 0.22			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	8434907	0.005358			
2	100	11.384	11.383	0.001	20887834	0.005460			
						RPD = 1.89			
27 Methoxychlor									
1	100	10.722	10.723	-0.001	3343184	0.004918			
2	100	12.367	12.365	0.002	10914055	0.006566			
						RPD = 28.69			
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	9877271	0.005719			
2	100	11.815	11.815	0.000	25035331	0.005803			
						RPD = 1.46			
19 Endrin ketone									
1	100	11.262	11.260	0.002	10505841	0.005550			
2	100	12.552	12.552	0.000	21897609	0.004995			
						RPD = 10.54			
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.862	0.003	3327368	0.001614			
2	100	14.326	14.325	0.001	6977630	0.001475			
						RPD = 9.02			

Report Date: 29-Nov-2012 11:21:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

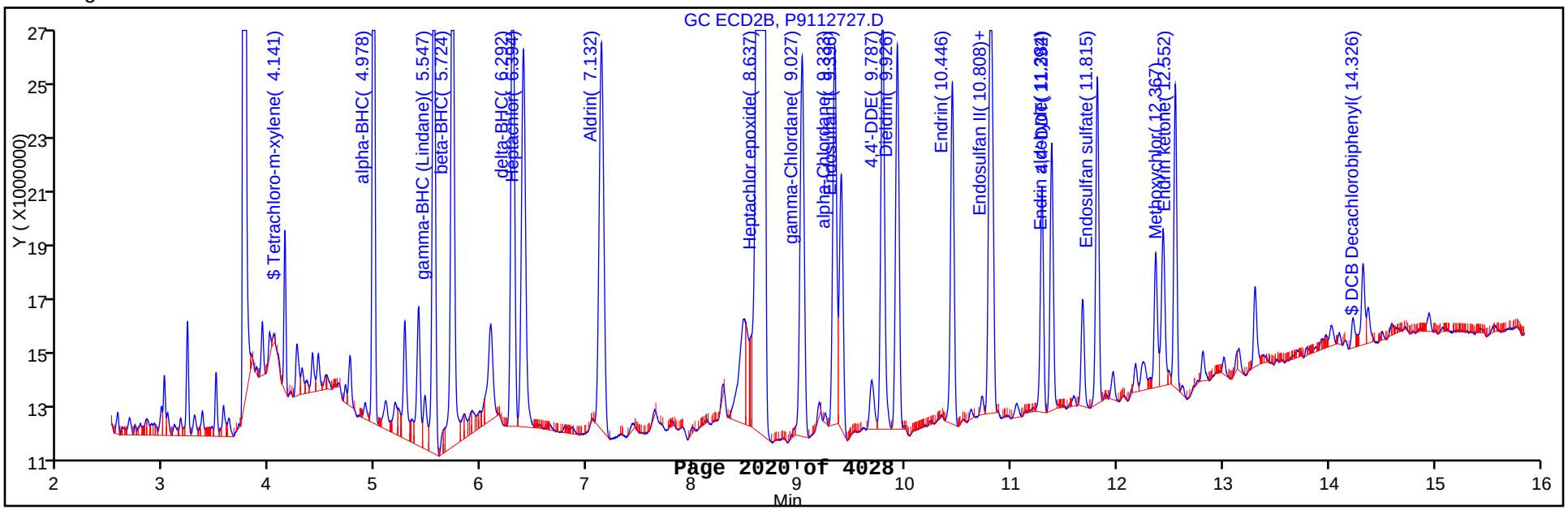
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112727.D		
Injection Date:	28-Nov-2012 13:44:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	27
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD | Lab Sample ID: 240-17422-6 MSD

Matrix: Solid | Lab File ID: P9112727.D

Analysis Method: 8081/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:23

Sample wt/vol: 29.81(g) | Date Analyzed: 11/28/2012 13:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	37.0	D	34	13	7.8
50-29-3	4,4'-DDT	35.8	J D	40	13	13
309-00-2	Aldrin	36.0	J D	81	27	24
319-84-6	alpha-BHC	33.0	J D	50	27	15
5103-71-9	alpha-Chlordane	34.1	J D	60	27	19
319-85-7	beta-BHC	100	4 D	70	27	22
319-86-8	delta-BHC	37.5	J D	81	27	24
60-57-1	Dieldrin	35.3	D	34	13	9.5
959-98-8	Endosulfan I	27.0	J D	34	13	10
1031-07-8	Endosulfan sulfate	38.9	J D	60	27	18
72-20-8	Endrin	33.6	J D	34	13	10
7421-93-4	Endrin aldehyde	36.6	J D	60	27	20
53494-70-5	Endrin ketone	33.5	J D	40	13	13
58-89-9	gamma-BHC (Lindane)	36.2	J D	50	27	15
5103-74-2	gamma-Chlordane	37.2	D	34	13	8.5
76-44-8	Heptachlor	36.6	J D	70	27	22
72-43-5	Methoxychlor	44.1	J D	100	66	30
8001-35-2	Toxaphene	400	U	1300	400	380

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	147	Q	55-130
877-09-8	Tetrachloro-m-xylene	108		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112727.D
Lims ID: 240-17422-A-6-S MSD
Client ID: 073SS-0003M-0002-SO
Inject. Date: 28-Nov-2012 13:44:46
Dil. Factor: 20.0000
Sample Type: MSD
Sample ID: 240-0015316-027
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 66500
Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:24
Calib Date: 28-Nov-2012 08:42:02
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:38:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.542	3.542	0.000	2889483	0.001196			
2	100	4.141	4.140	0.001	7673315	0.001080			
						RPD = 10.24			
5 alpha-BHC									
1	100	4.225	4.225	0.000	17240759	0.005441			
2	100	4.978	4.978	0.000	48947269	0.004924			
						RPD = 9.97			
20 gamma-BHC (Lindane)									
1	100	4.606	4.605	0.001	14713349	0.005457			
2	100	5.547	5.547	0.000	44734100	0.005394			
						RPD = 1.16			
7 beta-BHC									
1	100	4.737	4.739	-0.002	9358078	0.007850			
2	100	5.724	5.726	-0.002	53877830	0.0149			
						RPD = 62.24			
11 delta-BHC									
1	100	4.957	4.957	0.000	11452263	0.004416			
2	100	6.292	6.292	0.000	44264064	0.005594			
						RPD = 23.54			
22 Heptachlor									
1	100	5.245	5.243	0.002	13737317	0.005637			
2	100	6.394	6.394	0.000	38983842	0.005459			
						RPD = 3.20			
4 Aldrin									
1	100	5.706	5.705	0.001	16705610	0.005630			
2	100	7.132	7.130	0.002	44071221	0.005365			
						RPD = 4.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.961	6.961	0.000	13941867	0.005655			
2	100	8.637	8.603	0.034	1263215317	0.1849			
						RPD = 188.13			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	14110469	0.005340			
2	100	9.027	9.024	0.003	38670129	0.005549			
						RPD = 3.84			
6 alpha-Chlordane									
1	100	7.625	7.623	0.002	14889755	0.005487			
2	100	9.333	9.334	-0.001	35788763	0.005085			
						RPD = 7.61			
14 Endosulfan I									
1	100	7.899	7.896	0.003	9578271	0.004113			
2	100	9.396	9.396	0.000	23181669	0.004025			
						RPD = 2.16			
2 4,4'-DDE									
1	100	7.996	7.995	0.001	16539988	0.005714			
2	100	9.787	9.785	0.002	39787597	0.005521			
						RPD = 3.45			
13 Dieldrin									
1	100	8.455	8.455	0.000	13357932	0.005499			
2	100	9.926	9.926	0.000	33235443	0.005261			
						RPD = 4.42			
17 Endrin									
1	100	8.908	8.908	0.000	12388663	0.005547			
2	100	10.446	10.445	0.001	29126007	0.005006			
						RPD = 10.26			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	9282464	0.005180			
2	100	10.808	10.810	-0.002	45278053	0.004616			
						RPD = 11.53			
15 Endosulfan II									
1	100	9.354	9.353	0.001	9236699	0.004355			
2	100	10.808	10.810	-0.002	45278053	0.004616			
						RPD = 5.80			

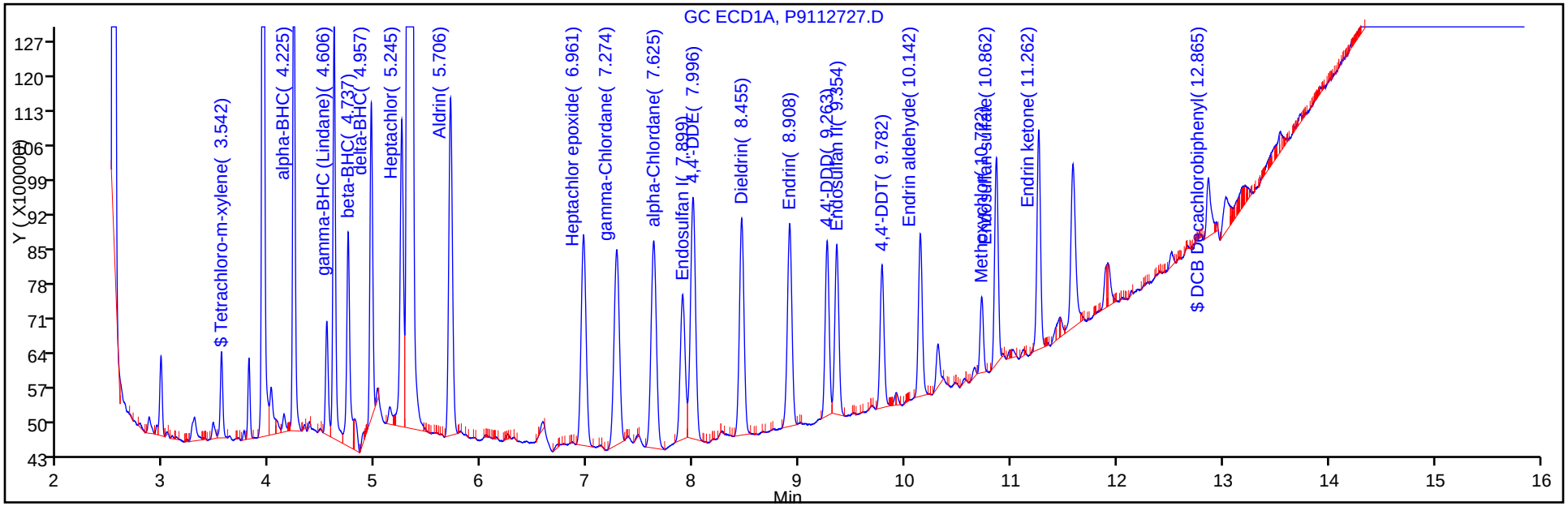
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.782	9.781	0.001	7555608	0.005320			
2	100	11.292	11.292	0.000	17754147	0.005332			
						RPD = 0.22			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	8434907	0.005358			
2	100	11.384	11.383	0.001	20887834	0.005460			
						RPD = 1.89			
27 Methoxychlor									
1	100	10.722	10.723	-0.001	3343184	0.004918			
2	100	12.367	12.365	0.002	10914055	0.006566			
						RPD = 28.69			
16 Endosulfan sulfate									
1	100	10.862	10.860	0.002	9877271	0.005719			
2	100	11.815	11.815	0.000	25035331	0.005803			
						RPD = 1.46			
19 Endrin ketone									
1	100	11.262	11.260	0.002	10505841	0.005550			
2	100	12.552	12.552	0.000	21897609	0.004995			
						RPD = 10.54			
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.862	0.003	3327368	0.001614			
2	100	14.326	14.325	0.001	6977630	0.001475			
						RPD = 9.02			

Report Date: 29-Nov-2012 11:21:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

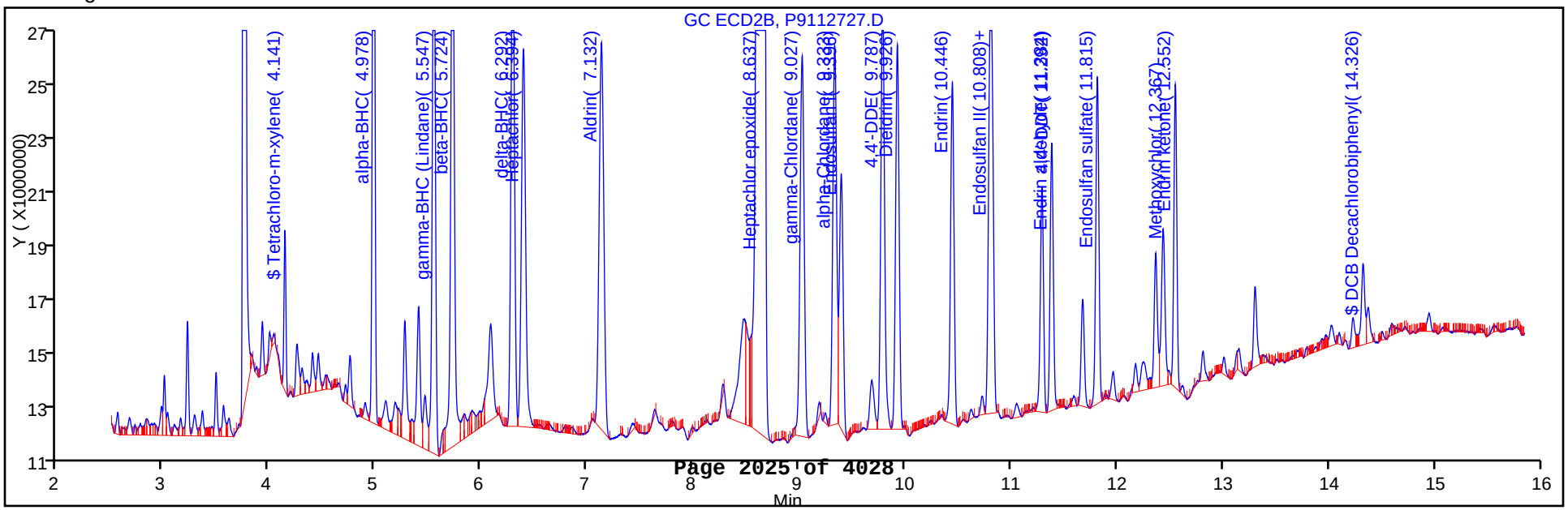
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112727.D		
Injection Date:	28-Nov-2012 13:44:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	27
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Start Date: 11/28/2012 03:23

Analysis Batch Number: 66500 End Date: 11/29/2012 03:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-66500/4		11/28/2012 03:23	1	P9112704.D	CLP-1 0.53(mm)
PEM 240-66500/4		11/28/2012 03:23	1	P9112704.D	CLP-2 0.53(mm)
STD 240-66500/5 IC		11/28/2012 03:51	1	P9112705.D	CLP-1 0.53(mm)
STD 240-66500/5 IC		11/28/2012 03:51	1	P9112705.D	CLP-2 0.53(mm)
STD 240-66500/6 IC		11/28/2012 04:19	1	P9112706.D	CLP-1 0.53(mm)
STD 240-66500/6 IC		11/28/2012 04:19	1	P9112706.D	CLP-2 0.53(mm)
STD 240-66500/7 ICRT		11/28/2012 04:47	1	P9112707.D	CLP-1 0.53(mm)
STD 240-66500/7 ICRT		11/28/2012 04:47	1	P9112707.D	CLP-2 0.53(mm)
STD 240-66500/8 IC		11/28/2012 05:11	1	P9112708.D	CLP-1 0.53(mm)
STD 240-66500/8 IC		11/28/2012 05:11	1	P9112708.D	CLP-2 0.53(mm)
STD 240-66500/9 IC		11/28/2012 05:30	1	P9112709.D	CLP-1 0.53(mm)
STD 240-66500/9 IC		11/28/2012 05:30	1	P9112709.D	CLP-2 0.53(mm)
STD 240-66500/10 IC		11/28/2012 05:55	1	P9112710.D	CLP-1 0.53(mm)
STD 240-66500/10 IC		11/28/2012 05:55	1	P9112710.D	CLP-2 0.53(mm)
ICV 240-66500/11		11/28/2012 06:22	1	P9112711.D	CLP-1 0.53(mm)
ICV 240-66500/11		11/28/2012 06:22	1	P9112711.D	CLP-2 0.53(mm)
STD 240-66500/12 IC		11/28/2012 06:50	1	P9112712.D	CLP-1 0.53(mm)
STD 240-66500/12 IC		11/28/2012 06:50	1	P9112712.D	CLP-2 0.53(mm)
STD 240-66500/13 IC		11/28/2012 07:18	1	P9112713.D	CLP-1 0.53(mm)
STD 240-66500/13 IC		11/28/2012 07:18	1	P9112713.D	CLP-2 0.53(mm)
STD 240-66500/14 IC		11/28/2012 07:46	1	P9112714.D	CLP-1 0.53(mm)
STD 240-66500/14 IC		11/28/2012 07:46	1	P9112714.D	CLP-2 0.53(mm)
STD 240-66500/15 IC		11/28/2012 08:14	1	P9112715.D	CLP-1 0.53(mm)
STD 240-66500/15 IC		11/28/2012 08:14	1	P9112715.D	CLP-2 0.53(mm)
STD 240-66500/16 IC		11/28/2012 08:42	1	P9112716.D	CLP-1 0.53(mm)
STD 240-66500/16 IC		11/28/2012 08:42	1	P9112716.D	CLP-2 0.53(mm)
ICV 240-66500/17		11/28/2012 09:09	1	P9112717.D	CLP-1 0.53(mm)
ICV 240-66500/17		11/28/2012 09:09	1	P9112717.D	CLP-2 0.53(mm)
MRL 240-66500/18		11/28/2012 09:37	1	P9112718.D	CLP-1 0.53(mm)
MRL 240-66500/18		11/28/2012 09:37	1	P9112718.D	CLP-2 0.53(mm)
LCS 240-65501/10-A		11/28/2012 10:05	1	P9112719.D	CLP-1 0.53(mm)
LCS 240-65501/10-A		11/28/2012 10:05	1	P9112719.D	CLP-2 0.53(mm)
240-17422-2	076SS-0020M-0001-SO	11/28/2012 10:32	5	P9112720.D	CLP-1 0.53(mm)
240-17422-2	076SS-0020M-0001-SO	11/28/2012 10:32	5	P9112720.D	CLP-2 0.53(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/28/2012 11:00	5	P9112721.D	CLP-1 0.53(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/28/2012 11:00	5	P9112721.D	CLP-2 0.53(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/28/2012 11:28	5	P9112722.D	CLP-1 0.53(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/28/2012 11:28	5	P9112722.D	CLP-2 0.53(mm)
240-17422-3	076SS-0021M-0001-SO	11/28/2012 11:56	1	P9112723.D	CLP-1 0.53(mm)
240-17422-3	076SS-0021M-0001-SO	11/28/2012 11:56	1	P9112723.D	CLP-2 0.53(mm)
240-17422-5	073SS-0002M-0001-SO	11/28/2012 12:24	20	P9112724.D	CLP-1 0.53(mm)
240-17422-5	073SS-0002M-0001-SO	11/28/2012 12:24	20	P9112724.D	CLP-2 0.53(mm)
240-17422-6	073SS-0003M-0001-SO	11/28/2012 12:48	20	P9112725.D	CLP-1 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Start Date: 11/28/2012 03:23

Analysis Batch Number: 66500 End Date: 11/29/2012 03:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
240-17422-6	073SS-0003M-0001-SO	11/28/2012 12:48	20	P9112725.D	CLP-2 0.53(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/28/2012 13:16	20	P9112726.D	CLP-1 0.53(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/28/2012 13:16	20	P9112726.D	CLP-2 0.53(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/28/2012 13:44	20	P9112727.D	CLP-1 0.53(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/28/2012 13:44	20	P9112727.D	CLP-2 0.53(mm)
MB 240-65501/9-A		11/28/2012 14:12	1	P9112728.D	CLP-1 0.53(mm)
MB 240-65501/9-A		11/28/2012 14:12	1	P9112728.D	CLP-2 0.53(mm)
PEM 240-66500/29		11/28/2012 14:40	1		CLP-1 0.53(mm)
PEM 240-66500/29		11/28/2012 14:40	1		CLP-2 0.53(mm)
CCV 240-66500/30		11/28/2012 15:08	1	P9112730.D	CLP-1 0.53(mm)
CCV 240-66500/30		11/28/2012 15:08	1	P9112730.D	CLP-2 0.53(mm)
ZZZZZ		11/28/2012 15:36	1		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 15:36	1		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 16:04	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 16:04	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 16:31	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 16:31	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 16:59	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 16:59	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 17:27	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 17:27	10		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 17:55	50		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 17:55	50		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 18:24	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 18:24	10		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 18:52	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 18:52	10		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 19:19	1		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 19:19	1		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 19:47	1		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 19:47	1		CLP-2 0.53(mm)
CCV 240-66500/41		11/28/2012 20:15	1		CLP-1 0.53(mm)
CCV 240-66500/41		11/28/2012 20:15	1		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 20:43	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 20:43	10		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 21:11	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 21:11	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 21:38	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 21:38	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 22:06	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 22:06	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 22:34	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 22:34	10		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Instrument ID: A2HP9 Start Date: 11/28/2012 03:23

Analysis Batch Number: 66500 End Date: 11/29/2012 03:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/28/2012 23:00	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 23:00	10		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 23:27	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 23:27	10		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 23:54	10		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 23:54	10		CLP-2 0.53(mm)
ZZZZZ		11/29/2012 00:21	10		CLP-1 0.53(mm)
ZZZZZ		11/29/2012 00:21	10		CLP-2 0.53(mm)
ZZZZZ		11/29/2012 00:47	1		CLP-1 0.53(mm)
ZZZZZ		11/29/2012 00:47	1		CLP-2 0.53(mm)
CCV 240-66500/52		11/29/2012 01:13	1	P9112752.D	CLP-1 0.53(mm)
CCV 240-66500/52		11/29/2012 01:13	1	P9112752.D	CLP-2 0.53(mm)
CCV 240-66500/53		11/29/2012 01:41	1		CLP-1 0.53(mm)
CCV 240-66500/53		11/29/2012 01:41	1		CLP-2 0.53(mm)
ZZZZZ		11/29/2012 02:08	1		CLP-1 0.53(mm)
ZZZZZ		11/29/2012 02:08	1		CLP-2 0.53(mm)
CCV 240-66500/55		11/29/2012 02:36	1		CLP-1 0.53(mm)
CCV 240-66500/55		11/29/2012 02:36	1		CLP-2 0.53(mm)
MRL 240-66500/56		11/29/2012 03:03	1	P9112756.D	CLP-1 0.53(mm)
MRL 240-66500/56		11/29/2012 03:03	1	P9112756.D	CLP-2 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Batch Number: 65501 Batch Start Date: 11/19/12 14:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/20/12 06:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00019	EXPSTNPDESSPW 00011	AnalysisComment	
240-17422-A-2-B	076SS-0020M-0001 -SO	3540C, 8081/DOD	T	29.66 g	10 mL	1 mL		assoc w/65499	
240-17422-A-2-C MS	076SS-0020M-0001 -SO	3540C, 8081/DOD	T	29.77 g	10 mL	1 mL	1 mL		
240-17422-A-2-D MSD	076SS-0020M-0001 -SO	3540C, 8081/DOD	T	29.68 g	10 mL	1 mL	1 mL		
240-17422-A-3-B	076SS-0021M-0001 -SO	3540C, 8081/DOD	T	29.96 g	10 mL	1 mL		assoc w/65499	
240-17422-A-5-B	073SS-0002M-0001 -SO	3540C, 8081/DOD	T	29.56 g	10 mL	1 mL		assoc w/65499	
240-17422-A-6-B	073SS-0003M-0001 -SO	3540C, 8081/DOD	T	29.67 g	10 mL	1 mL		assoc w/65499	
240-17422-A-6-C MS	073SS-0003M-0001 -SO	3540C, 8081/DOD	T	30.20 g	10 mL	1 mL	1 mL		
240-17422-A-6-D MSD	073SS-0003M-0001 -SO	3540C, 8081/DOD	T	29.81 g	10 mL	1 mL	1 mL		
MB 240-65501/9		3540C, 8081/DOD		30.00 g	10 mL	1 mL		assoc w/65499	
LCS 240-65501/10		3540C, 8081/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Balance ID	b036
Person's name who did the concentration	cc/lh
Exchange Solvent Lot #	671344
Na2SO4 Lot Number	677242
Prep Solvent Lot #	719006

Basis	Basis Description
T	Total/NA

Method 8082 DOD

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
076SS-0020M-0001-SO	240-17422-2	76	66	63	60
076SS-0021M-0001-SO	240-17422-3	66	64	61	58 Q
073SS-0002M-0001-SO	240-17422-5	87	76	85	78
073SS-0003M-0001-SO	240-17422-6	82	75	85	77
068SD-0009-0001-SO	240-17422-9	82	75	81	71
068SD-00010-0001-SO	240-17422-10	79	72	80	72
068SD-00011-0001-SO	240-17422-11	81	72	78	71
068SD-00012-0001-SO	240-17422-12	75	71	69	68
	MB 240-65499/23-A	77		90	
	LCS 240-65499/24-A	88	78	94	95
076SS-0020M-0001-SO MS	240-17422-2 MS	73	74	69	66
073SS-0003M-0001-SO MS	240-17422-6 MS	52	54	56 Q	52 Q
068SD-0009-0001-SO MS	240-17422-9 MS	70	71	74	64
076SS-0020M-0001-SO MSD	240-17422-2 MSD	82	83	80	83
073SS-0003M-0001-SO MSD	240-17422-6 MSD	89	85	97	87
068SD-0009-0001-SO MSD	240-17422-9 MSD	85	82	90	77

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
076SW-0013-0001-SW	240-17422-13	88	76	65	64
076SW-0014-0001-SW	240-17422-14	90	78	60	58
076SW-0015-0001-SW	240-17422-15	90	75	51	52
	MB 240-64779/13-A	92	88	90	85
	LCS 240-64779/14-A	89	76	92	85
076SW-0013-0001-SW MS	240-17422-13 MS	92	79	65	63
076SW-0013-0001-SW MSD	240-17422-13 MSD	89	74	49	47

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	40-135

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
	MRL 240-65363/4	105	113	111	109
	MRL 240-65363/26	108	105	112	107
	MRL 240-65860/9	108	116	102	106
	MRL 240-65860/36	107	112	106	107

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Column to be used to flag recovery values

FORM II 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300024.D

Lab ID: LCS 240-64779/14-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	5.00	4.39	88	25-145	
Aroclor-1260	5.00	4.71	94	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300033.D

Lab ID: LCS 240-65499/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	293	88	40-140	
Aroclor-1260	333	313	94	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300004.D

Lab ID: MRL 240-65363/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0534	107	70-130	
Aroclor-1260	0.0500	0.0462 J	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300026.D

Lab ID: MRL 240-65363/26 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0534	107	70-130	
Aroclor-1260	0.0500	0.0452 J	90	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300009.D

Lab ID: MRL 240-65860/9 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0695	139	70-130	
Aroclor-1016	0.0500	0.0523	105	70-130	
Aroclor-1260	0.0500	0.0549	110	70-130	
Aroclor-1260	0.0500	0.0436 J	87	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300035.D

Lab ID: MRL 240-65860/36 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0687	137	70-130	
Aroclor-1016	0.0500	0.0540	108	70-130	
Aroclor-1260	0.0500	0.0527	105	70-130	
Aroclor-1260	0.0500	0.0472 J	94	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300017.D

Lab ID: 240-17422-2 MS Client ID: 076SS-0020M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	334	25 U	257	77	40-140	
Aroclor-1260	334	25 U	256	77	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300024.D

Lab ID: 240-17422-6 MS Client ID: 073SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	338	25 U	192	57	40-140	
Aroclor-1260	338	25 U	191	57	60-130	J

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300027.D

Lab ID: 240-17422-9 MS Client ID: 068SD-0009-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	337	24 U	237	70	40-140	
Aroclor-1260	337	24 U	236	70	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300012.D

Lab ID: 240-17422-13 MS Client ID: 076SW-0013-0001-SW MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Aroclor-1016	4.76	0.19 U	4.34	91	25-145	
Aroclor-1260	4.76	0.19 U	4.16	87	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300018.D

Lab ID: 240-17422-2 MSD Client ID: 076SS-0020M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	336	289	86	12	30	40-140	
Aroclor-1260	336	285	85	11	30	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300025.D

Lab ID: 240-17422-6 MSD Client ID: 073SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	339	309	91	200	30	40-140	J
Aroclor-1260	339	574	169	200	30	60-130	J

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300028.D

Lab ID: 240-17422-9 MSD Client ID: 068SD-0009-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	332	290	88	20	30	40-140	
Aroclor-1260	332	278	84	16	30	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300013.D

Lab ID: 240-17422-13 MSD Client ID: 076SW-0013-0001-SW MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	4.76	4.02	84	8	30	25-145	
Aroclor-1260	4.76	3.28	69	24	30	30-145	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: MB 240-64779/13-A

Matrix: Water Date Extracted: 11/13/2012 09:55

Lab File ID:(1) P1300016.D Lab File ID:(2) P1300016.D

Date Analyzed:(1) 11/18/2012 17:27 Date Analyzed:(2) 11/18/2012 17:27

Instrument ID:(1) A2HP13 Instrument ID:(2) A2HP13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
076SW-0013-0001-SW	240-17422-13	11/18/2012 16:13	11/18/2012 16:13
076SW-0013-0001-SW MS	240-17422-13 MS	11/18/2012 16:28	11/18/2012 16:28
076SW-0013-0001-SW MSD	240-17422-13 MSD	11/18/2012 16:43	11/18/2012 16:43
076SW-0014-0001-SW	240-17422-14	11/18/2012 16:57	11/18/2012 16:57
076SW-0015-0001-SW	240-17422-15	11/18/2012 17:12	11/18/2012 17:12
	LCS 240-64779/14-A	11/18/2012 19:27	11/18/2012 19:27

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Lab Sample ID: MB 240-65499/23-A

Matrix: Solid Date Extracted: 11/18/2012 11:16

Lab File ID:(1) P1300019.D Lab File ID:(2) P1300019.D

Date Analyzed:(1) 11/21/2012 10:55 Date Analyzed:(2) 11/21/2012 10:55

Instrument ID:(1) A2HP13 Instrument ID:(2) A2HP13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
076SS-0020M-0001-SO	240-17422-2	11/21/2012 10:11	11/21/2012 10:11
076SS-0020M-0001-SO MS	240-17422-2 MS	11/21/2012 10:26	11/21/2012 10:26
076SS-0020M-0001-SO MSD	240-17422-2 MSD	11/21/2012 10:40	11/21/2012 10:40
076SS-0021M-0001-SO	240-17422-3	11/21/2012 11:25	11/21/2012 11:25
073SS-0002M-0001-SO	240-17422-5	11/21/2012 11:40	11/21/2012 11:40
073SS-0003M-0001-SO	240-17422-6	11/21/2012 11:55	11/21/2012 11:55
073SS-0003M-0001-SO MS	240-17422-6 MS	11/21/2012 12:10	11/21/2012 12:10
073SS-0003M-0001-SO MSD	240-17422-6 MSD	11/21/2012 12:25	11/21/2012 12:25
068SD-0009-0001-SO	240-17422-9	11/21/2012 12:40	11/21/2012 12:40
068SD-0009-0001-SO MS	240-17422-9 MS	11/21/2012 12:55	11/21/2012 12:55
068SD-0009-0001-SO MSD	240-17422-9 MSD	11/21/2012 13:10	11/21/2012 13:10
068SD-00010-0001-SO	240-17422-10	11/21/2012 13:40	11/21/2012 13:40
068SD-00011-0001-SO	240-17422-11	11/21/2012 13:55	11/21/2012 13:55
068SD-00012-0001-SO	240-17422-12	11/21/2012 14:10	11/21/2012 14:10
	LCS 240-65499/24-A	11/21/2012 14:25	11/21/2012 14:25

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: CCV 240-65363/3 Date Analyzed: 11/18/2012 14:13

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12036

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.29	7.06	
UPPER LIMIT				1.39	7.16	
LOWER LIMIT				1.19	6.96	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65363/3 CCVRT		11/18/2012 14:13	P1300003.D	1.29	7.06	
240-17422-13	076SW-0013-0001-SW	11/18/2012 16:13	P1300011.D	1.29	7.07	
240-17422-13 MS	076SW-0013-0001-SW MS	11/18/2012 16:28	P1300012.D	1.29	7.06	
240-17422-13 MSD	076SW-0013-0001-SW MSD	11/18/2012 16:43	P1300013.D	1.29	7.06	
240-17422-14	076SW-0014-0001-SW	11/18/2012 16:57	P1300014.D	1.29	7.06	
240-17422-15	076SW-0015-0001-SW	11/18/2012 17:12	P1300015.D	1.30	7.06	
MB 240-64779/13-A		11/18/2012 17:27	P1300016.D	1.30	7.06	
CCV 240-65363/17		11/18/2012 17:42	P1300017.D	1.29	7.06	
LCS 240-64779/14-A		11/18/2012 19:27	P1300024.D	1.30	7.06	
CCV 240-65363/25		11/18/2012 19:41	P1300025.D	1.29	7.06	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: CCV 240-65363/3 Date Analyzed: 11/18/2012 14:13

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12037

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.65	8.22	
UPPER LIMIT				1.75	8.32	
LOWER LIMIT				1.55	8.12	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65363/3 CCVRT		11/18/2012 14:13	P1300003.D	1.65	8.22	
240-17422-13	076SW-0013-0001-SW	11/18/2012 16:13	P1300011.D	1.65	8.22	
240-17422-13 MS	076SW-0013-0001-SW MS	11/18/2012 16:28	P1300012.D	1.65	8.22	
240-17422-13 MSD	076SW-0013-0001-SW MSD	11/18/2012 16:43	P1300013.D	1.65	8.22	
240-17422-14	076SW-0014-0001-SW	11/18/2012 16:57	P1300014.D	1.65	8.22	
240-17422-15	076SW-0015-0001-SW	11/18/2012 17:12	P1300015.D	1.65	8.22	
MB 240-64779/13-A		11/18/2012 17:27	P1300016.D	1.65	8.22	
CCV 240-65363/17		11/18/2012 17:42	P1300017.D	1.65	8.22	
LCS 240-64779/14-A		11/18/2012 19:27	P1300024.D	1.65	8.22	
CCV 240-65363/25		11/18/2012 19:41	P1300025.D	1.65	8.22	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: CCV 240-65860/3 Date Analyzed: 11/21/2012 06:45

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12036

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.29	7.07	
UPPER LIMIT				1.39	7.17	
LOWER LIMIT				1.19	6.97	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65860/3 CCVRT		11/21/2012 06:45	P1300003.D	1.29	7.07	
240-17422-2	076SS-0020M-0001-SO	11/21/2012 10:11	P1300016.D	1.29	7.07	
240-17422-2 MS	076SS-0020M-0001-SO MS	11/21/2012 10:26	P1300017.D	1.29	7.06	
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/21/2012 10:40	P1300018.D	1.29	7.07	
CCV 240-65860/20		11/21/2012 11:10	P1300020.D	1.29	7.07	
240-17422-3	076SS-0021M-0001-SO	11/21/2012 11:25	P1300021.D	1.29	7.06	
240-17422-5	073SS-0002M-0001-SO	11/21/2012 11:40	P1300022.D	1.29	7.06	
240-17422-6	073SS-0003M-0001-SO	11/21/2012 11:55	P1300023.D	1.29	7.07	
240-17422-6 MS	073SS-0003M-0001-SO MS	11/21/2012 12:10	P1300024.D	1.29	7.07	
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/21/2012 12:25	P1300025.D	1.29	7.06	
240-17422-9	068SD-0009-0001-SO	11/21/2012 12:40	P1300026.D	1.29	7.06	
240-17422-9 MS	068SD-0009-0001-SO MS	11/21/2012 12:55	P1300027.D	1.29	7.07	
240-17422-9 MSD	068SD-0009-0001-SO MSD	11/21/2012 13:10	P1300028.D	1.29	7.07	
CCV 240-65860/29		11/21/2012 13:25	P1300029.D	1.29	7.06	
240-17422-10	068SD-00010-0001-SO	11/21/2012 13:40	P1300030.D	1.29	7.07	
240-17422-11	068SD-00011-0001-SO	11/21/2012 13:55	P1300031.D	1.29	7.06	
240-17422-12	068SD-00012-0001-SO	11/21/2012 14:10	P1300032.D	1.29	7.07	
LCS 240-65499/24-A		11/21/2012 14:25	P1300033.D	1.29	7.07	
CCV 240-65860/34		11/21/2012 14:40	P1300034.D	1.29	7.06	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Sample No.: CCV 240-65860/3 Date Analyzed: 11/21/2012 06:45

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12037

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.65	8.22	
UPPER LIMIT				1.75	8.32	
LOWER LIMIT				1.55	8.12	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65860/3 CCVRT		11/21/2012 06:45	P1300003.D	1.65	8.22	
240-17422-2	076SS-0020M-0001-SO	11/21/2012 10:11	P1300016.D	1.65	8.22	
240-17422-2 MS	076SS-0020M-0001-SO MS	11/21/2012 10:26	P1300017.D	1.65	8.22	
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/21/2012 10:40	P1300018.D	1.65	8.22	
MB 240-65499/23-A		11/21/2012 10:55	P1300019.D	1.65	8.22	
CCV 240-65860/20		11/21/2012 11:10	P1300020.D	1.65	8.22	
240-17422-3	076SS-0021M-0001-SO	11/21/2012 11:25	P1300021.D	1.65	8.22	
240-17422-5	073SS-0002M-0001-SO	11/21/2012 11:40	P1300022.D	1.65	8.22	
240-17422-6	073SS-0003M-0001-SO	11/21/2012 11:55	P1300023.D	1.65	8.22	
240-17422-6 MS	073SS-0003M-0001-SO MS	11/21/2012 12:10	P1300024.D	1.65	8.22	
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/21/2012 12:25	P1300025.D	1.65	8.22	
240-17422-9	068SD-0009-0001-SO	11/21/2012 12:40	P1300026.D	1.65	8.22	
240-17422-9 MS	068SD-0009-0001-SO MS	11/21/2012 12:55	P1300027.D	1.65	8.22	
240-17422-9 MSD	068SD-0009-0001-SO MSD	11/21/2012 13:10	P1300028.D	1.65	8.22	
CCV 240-65860/29		11/21/2012 13:25	P1300029.D	1.65	8.22	
240-17422-10	068SD-00010-0001-SO	11/21/2012 13:40	P1300030.D	1.65	8.22	
240-17422-11	068SD-00011-0001-SO	11/21/2012 13:55	P1300031.D	1.65	8.22	
240-17422-12	068SD-00012-0001-SO	11/21/2012 14:10	P1300032.D	1.65	8.22	
LCS 240-65499/24-A		11/21/2012 14:25	P1300033.D	1.65	8.22	
CCV 240-65860/34		11/21/2012 14:40	P1300034.D	1.65	8.22	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MS Lab Sample ID: 240-17422-2 MS

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 10:26 Date Analyzed (2): 11/21/2012 10:26

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.09	2.19	251	257	12.6
		2	2.57	2.52	2.62	255		
		3	3.05	3.00	3.10	282		
		4	3.20	3.15	3.25	275		
		5	3.85	3.80	3.90	221		
	2	2	1.90	1.85	1.95	242	226	
		3	2.33	2.28	2.38	242		
		4	2.46	2.41	2.51	205		
		5	2.87	2.82	2.92	216		
Aroclor-1260	1	1	5.14	5.09	5.19	243	256	12.7
		2	5.39	5.33	5.43	269		
		3	5.77	5.72	5.82	258		
		4	6.51	6.45	6.55	262		
		5	6.91	6.86	6.96	250		
	2	1	4.17	4.12	4.22	218	226	
		2	4.48	4.43	4.53	230		
		3	4.78	4.73	4.83	236		
		4	5.53	5.48	5.58	229		
		5	5.83	5.78	5.88	216		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO MSD Lab Sample ID: 240-17422-2 MSD

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 10:40 Date Analyzed (2): 11/21/2012 10:40

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.09	2.19	283	289	15.0
		2	2.57	2.52	2.62	285		
		3	3.05	3.00	3.10	319		
		4	3.20	3.15	3.25	312		
		5	3.85	3.80	3.90	246		
	2	2	1.90	1.85	1.95	271	249	
		3	2.33	2.28	2.38	266		
		4	2.46	2.41	2.51	218		
		5	2.87	2.82	2.92	239		
Aroclor-1260	1	1	5.14	5.09	5.19	272	285	14.5
		2	5.39	5.33	5.43	296		
		3	5.77	5.72	5.82	287		
		4	6.50	6.45	6.55	295		
		5	6.91	6.86	6.96	277		
	2	1	4.17	4.12	4.22	241	247	
		2	4.48	4.43	4.53	251		
		3	4.77	4.73	4.83	256		
		4	5.53	5.48	5.58	249		
		5	5.83	5.78	5.88	238		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MS Lab Sample ID: 240-17422-6 MS

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 12:10 Date Analyzed (2): 11/21/2012 12:10

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.10	2.20	187	192	13.4
		2	2.57	2.52	2.62	188		
		3	3.05	3.00	3.10	209		
		4	3.20	3.15	3.25	202		
		5	3.85	3.80	3.90	173		
	2	2	1.90	1.85	1.95	177	168	
		3	2.33	2.28	2.38	179		
		4	2.46	2.41	2.51	150		
		5	2.87	2.82	2.92	164		
Aroclor-1260	1	1	5.14	5.09	5.19	184	191	16.9
		2	5.38	5.34	5.44	198		
		3	5.77	5.72	5.82	193		
		4	6.51	6.46	6.56	195		
		5	6.91	6.86	6.96	186		
	2	1	4.17	4.12	4.22	156	161	
		2	4.48	4.43	4.53	165		
		3	4.78	4.73	4.83	168		
		4	5.53	5.48	5.58	160		
		5	5.83	5.78	5.88	158		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO MSD Lab Sample ID: 240-17422-6 MSD

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 12:25 Date Analyzed (2): 11/21/2012 12:25

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.10	2.20	308	309	13.2
		2	2.57	2.52	2.62	306		
		3	3.05	3.00	3.10	335		
		4	3.20	3.15	3.25	321		
		5	3.85	3.80	3.90	278		
	2	2	1.90	1.85	1.95	279	271	
		3	2.33	2.28	2.38	280		
		4	2.46	2.41	2.51	266		
		5	2.87	2.82	2.92	260		
Aroclor-1260	1	1	5.14	5.09	5.19	518	574	19.8
		2	5.39	5.34	5.44	608		
		3	5.77	5.72	5.82	565		
		4	6.51	6.46	6.56	605		
		5	6.91	6.86	6.96	574		
	2	1	4.17	4.12	4.22	437	471	
		2	4.48	4.43	4.53	466		
		3	4.78	4.73	4.83	481		
		4	5.53	5.48	5.58	486		
		5	5.83	5.78	5.88	484		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MS Lab Sample ID: 240-17422-9 MS

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 12:55 Date Analyzed (2): 11/21/2012 12:55

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.10	2.20	239	237	13.1
		2	2.57	2.52	2.62	229		
		3	3.05	3.00	3.10	259		
		4	3.20	3.15	3.25	247		
		5	3.85	3.80	3.90	210		
	2	2	1.90	1.85	1.95	222	208	
		3	2.33	2.28	2.38	222		
		4	2.46	2.41	2.51	182		
		5	2.87	2.82	2.92	205		
Aroclor-1260	1	1	5.14	5.09	5.19	227	236	14.2
		2	5.38	5.34	5.44	249		
		3	5.77	5.72	5.82	238		
		4	6.51	6.46	6.56	237		
		5	6.91	6.86	6.96	230		
	2	1	4.17	4.12	4.22	202	205	
		2	4.47	4.43	4.53	212		
		3	4.77	4.73	4.83	212		
		4	5.53	5.48	5.58	204		
		5	5.83	5.78	5.88	196		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO MSD Lab Sample ID: 240-17422-9 MSD

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 13:10 Date Analyzed (2): 11/21/2012 13:10

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.10	2.20	283	290	19.1
		2	2.57	2.52	2.62	284		
		3	3.05	3.00	3.10	312		
		4	3.20	3.15	3.25	324		
		5	3.85	3.80	3.90	249		
	2	2	1.90	1.85	1.95	257	240	
		3	2.33	2.28	2.38	252		
		4	2.46	2.41	2.51	214		
		5	2.87	2.82	2.92	235		
Aroclor-1260	1	1	5.14	5.09	5.19	268	278	14.1
		2	5.39	5.34	5.44	293		
		3	5.77	5.72	5.82	281		
		4	6.51	6.46	6.56	278		
		5	6.91	6.86	6.96	269		
	2	1	4.17	4.12	4.22	236	241	
		2	4.48	4.43	4.53	247		
		3	4.78	4.73	4.83	248		
		4	5.53	5.48	5.58	240		
		5	5.83	5.78	5.88	234		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MS Lab Sample ID: 240-17422-13 MS

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/18/2012 16:28 Date Analyzed (2): 11/18/2012 16:28

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.10	2.20	4.20	4.34	3.6
		2	2.57	2.52	2.62	4.34		
		3	3.05	3.00	3.10	5.05		
		4	3.20	3.15	3.25	4.37		
		5	3.85	3.80	3.90	3.72		
	2	1	1.59	1.54	1.64	3.70	4.18	
		2	1.90	1.85	1.95	3.96		
		3	2.33	2.28	2.38	4.74		
		4	2.46	2.41	2.51	4.40		
		5	2.87	2.82	2.92	4.12		
Aroclor-1260	1	1	5.14	5.09	5.19	4.15	4.16	7.3
		2	5.38	5.33	5.43	4.37		
		3	5.77	5.72	5.82	4.20		
		4	6.50	6.45	6.55	4.13		
		5	6.91	6.86	6.96	3.97		
	2	1	4.17	4.12	4.22	3.99	3.87	
		2	4.47	4.43	4.53	3.95		
		3	4.78	4.72	4.82	3.95		
		4	5.53	5.47	5.57	3.78		
		5	5.83	5.78	5.88	3.67		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MSD Lab Sample ID: 240-17422-13 MSD

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/18/2012 16:43 Date Analyzed (2): 11/18/2012 16:43

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.10	2.20	4.03	4.02	11.8
		2	2.57	2.52	2.62	4.17		
		3	3.05	3.00	3.10	4.51		
		4	3.20	3.15	3.25	4.02		
		5	3.85	3.80	3.90	3.38		
	2	1	1.59	1.54	1.64	3.44	3.57	
		2	1.90	1.85	1.95	3.71		
		3	2.33	2.28	2.38	3.90		
		4	2.46	2.41	2.51	3.22		
		5	2.87	2.82	2.92	3.59		
Aroclor-1260	1	1	5.14	5.09	5.19	3.36	3.28	6.9
		2	5.38	5.33	5.43	3.47		
		3	5.77	5.72	5.82	3.36		
		4	6.50	6.45	6.55	3.19		
		5	6.91	6.86	6.96	3.04		
	2	1	4.17	4.12	4.22	3.24	3.07	
		2	4.47	4.43	4.53	3.15		
		3	4.77	4.72	4.82	3.15		
		4	5.53	5.47	5.57	2.92		
		5	5.83	5.78	5.88	2.87		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-64779/14-A

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/18/2012 19:27 Date Analyzed (2): 11/18/2012 19:27

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.09	2.19	4.42	4.39	15.0
		2	2.57	2.52	2.62	4.23		
		3	3.05	3.00	3.10	4.93		
		4	3.20	3.15	3.25	4.38		
		5	3.85	3.80	3.90	4.01		
	2	1	1.59	1.54	1.64	3.59	3.78	
		2	1.90	1.85	1.95	3.70		
		3	2.33	2.28	2.38	4.33		
		4	2.46	2.41	2.51	3.47		
		5	2.87	2.82	2.92	3.81		
Aroclor-1260	1	1	5.14	5.09	5.19	4.38	4.71	14.2
		2	5.39	5.33	5.43	4.87		
		3	5.77	5.72	5.82	4.62		
		4	6.51	6.45	6.55	4.92		
		5	6.91	6.86	6.96	4.75		
	2	1	4.17	4.12	4.22	4.01	4.08	
		2	4.48	4.43	4.53	4.05		
		3	4.78	4.72	4.82	4.05		
		4	5.53	5.48	5.58	4.20		
		5	5.83	5.78	5.88	4.10		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65499/24-A

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/21/2012 14:25 Date Analyzed (2): 11/21/2012 14:25

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.15	2.10	2.20	272	293	15.1
		2	2.57	2.52	2.62	282		
		3	3.05	3.00	3.10	301		
		4	3.20	3.15	3.25	348		
		5	3.85	3.80	3.90	261		
	2	1	1.59	1.54	1.64	250	252	
		2	1.90	1.85	1.95	271		
		3	2.33	2.28	2.38	264		
		4	2.46	2.41	2.51	216		
		5	2.87	2.82	2.92	257		
Aroclor-1260	1	1	5.14	5.09	5.19	294	313	12.7
		2	5.38	5.33	5.43	318		
		3	5.77	5.72	5.82	310		
		4	6.51	6.46	6.56	329		
		5	6.91	6.86	6.96	312		
	2	1	4.17	4.12	4.22	260	275	
		2	4.48	4.43	4.53	268		
		3	4.77	4.72	4.82	278		
		4	5.53	5.48	5.58	292		
		5	5.83	5.78	5.88	278		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO Lab Sample ID: 240-17422-2

Matrix: Solid Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.66(g) Date Analyzed: 11/21/2012 10:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		40-140
2051-24-3	DCB Decachlorobiphenyl	60		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300016.D		
Lims ID:	240-17422-A-2-N	Client ID:	076SS-0020M-0001-SO
Inject. Date:	21-Nov-2012 10:11:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	65860	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:05	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:19:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.291	0.003	30164602	0.0132			
2	2	1.650	1.648	0.002	21852728	0.0152			
						RPD = 14.03			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.475						
1	3		4.775						
1	4		5.528						
1	5		5.829						
2	6		5.137						
2	7		5.384						
2	8		5.771						
2	9		6.504						
2	10		6.908						
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									1
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.064	0.001	27806977	0.0119			
2	2	8.220	8.219	0.001	17068844	0.0127			
						RPD = 6.20			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

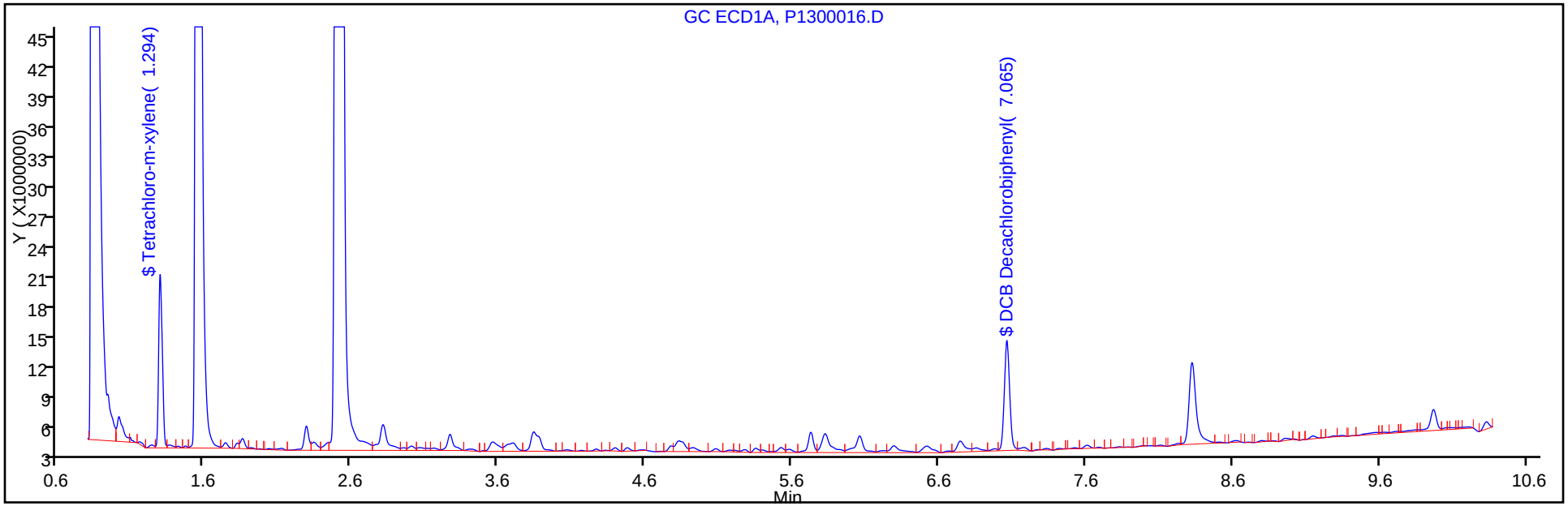
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TestAmerica Canton

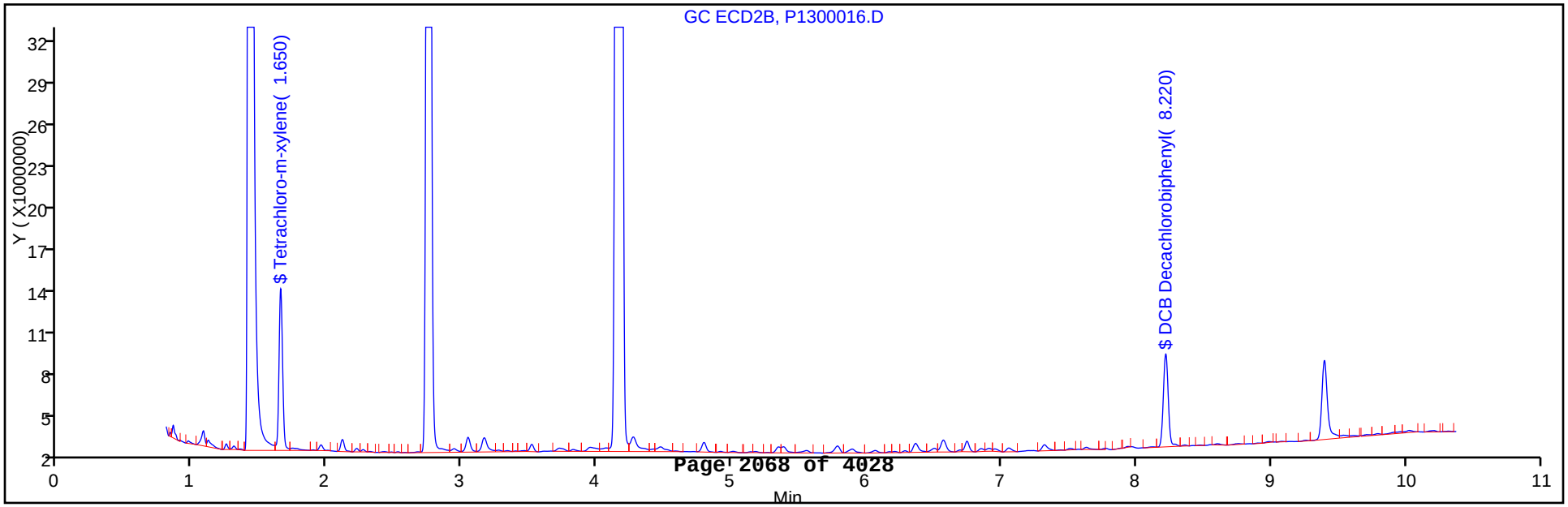
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Injection Date:	21-Nov-2012 10:11:09	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0020M-0001-SO Lab Sample ID: 240-17422-2

Matrix: Solid Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.66(g) Date Analyzed: 11/21/2012 10:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300016.D		
Lims ID:	240-17422-A-2-N	Client ID:	076SS-0020M-0001-SO
Inject. Date:	21-Nov-2012 10:11:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	65860	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:05	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:19:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.291	0.003	30164602	0.0132			
2	2	1.650	1.648	0.002	21852728	0.0152			
						RPD = 14.03			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.475						
1	3		4.775						
1	4		5.528						
1	5		5.829						
2	6		5.137						
2	7		5.384						
2	8		5.771						
2	9		6.504						
2	10		6.908						
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									1
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.064	0.001	27806977	0.0119			
2	2	8.220	8.219	0.001	17068844	0.0127			
						RPD = 6.20			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

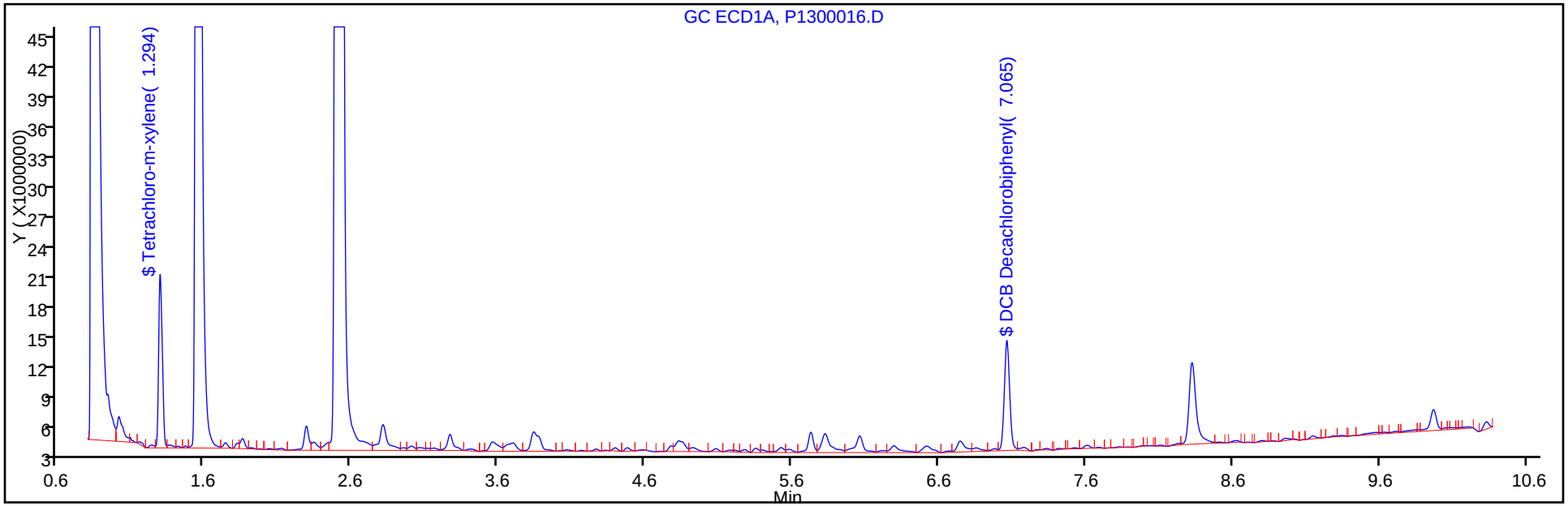
Report Date: 23-Nov-2012 07:46:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

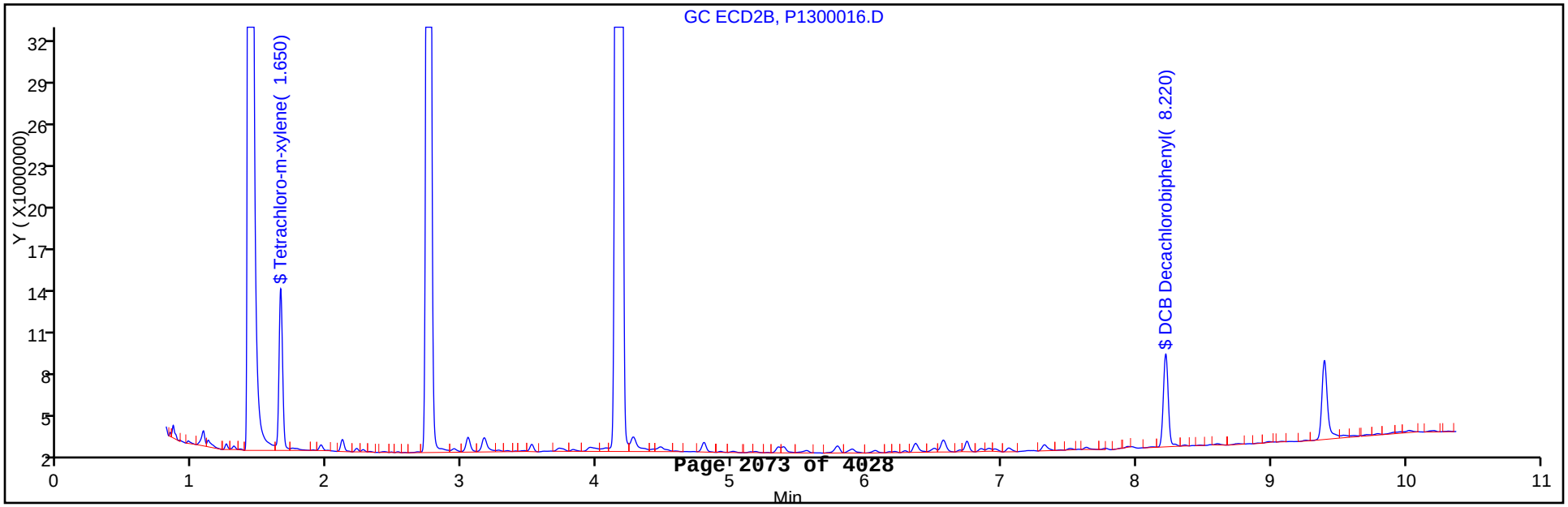
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Injection Date:	21-Nov-2012 10:11:09	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO Lab Sample ID: 240-17422-3

Matrix: Solid Lab File ID: P1300021.D

Analysis Method: 8082/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.96(g) Date Analyzed: 11/21/2012 11:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		40-140
2051-24-3	DCB Decachlorobiphenyl	58	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300021.D		
Lims ID:	240-17422-A-3-E	Client ID:	076SS-0021M-0001-SO
Inject. Date:	21-Nov-2012 11:25:53	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-021		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	21
Lims Batch ID:	65860	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:20:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	29144830	0.0128			
2	2	1.649	1.649	0.000	19029219	0.0132			
						RPD = 3.65			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.776						
1	4		5.526						
1	5		5.831						
2	6		5.137						
2	7		5.386						
2	8		5.774						
2	9		6.506						
2	10		6.908						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.066	-0.002	27218403	0.0117			
2	2	8.218	8.219	-0.001	16350164	0.0121			
						RPD = 4.04			

QC Flag Legend

Processing Flags
1 - Missing Peaks

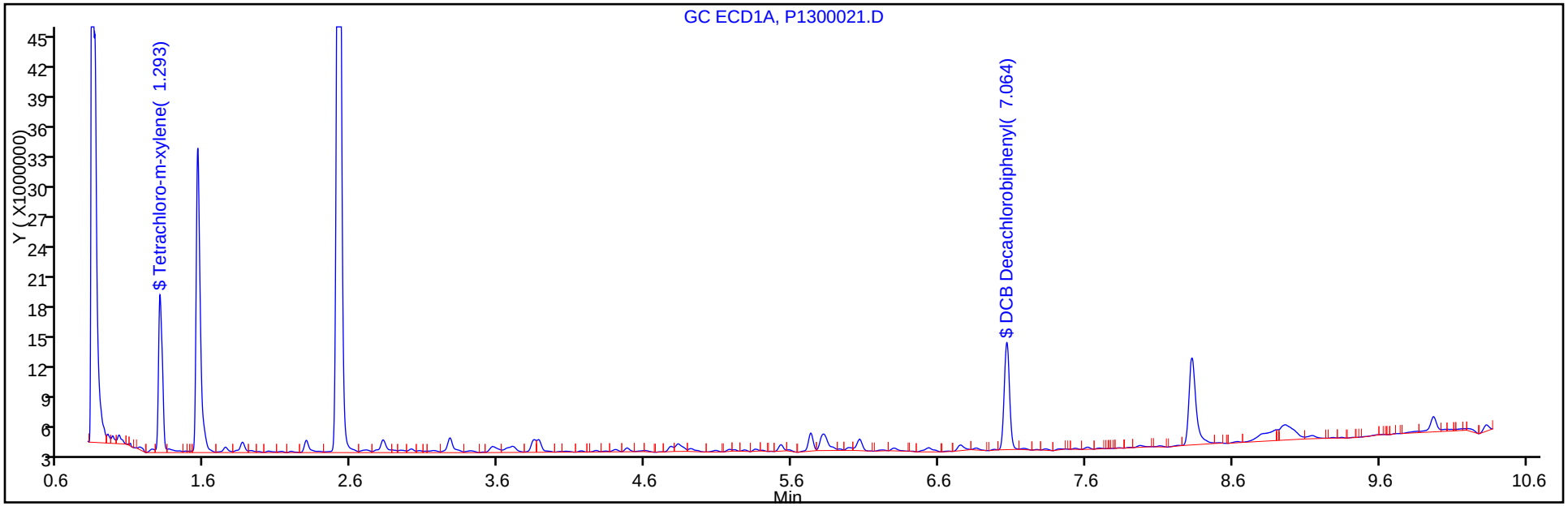
Report Date: 23-Nov-2012 07:46:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

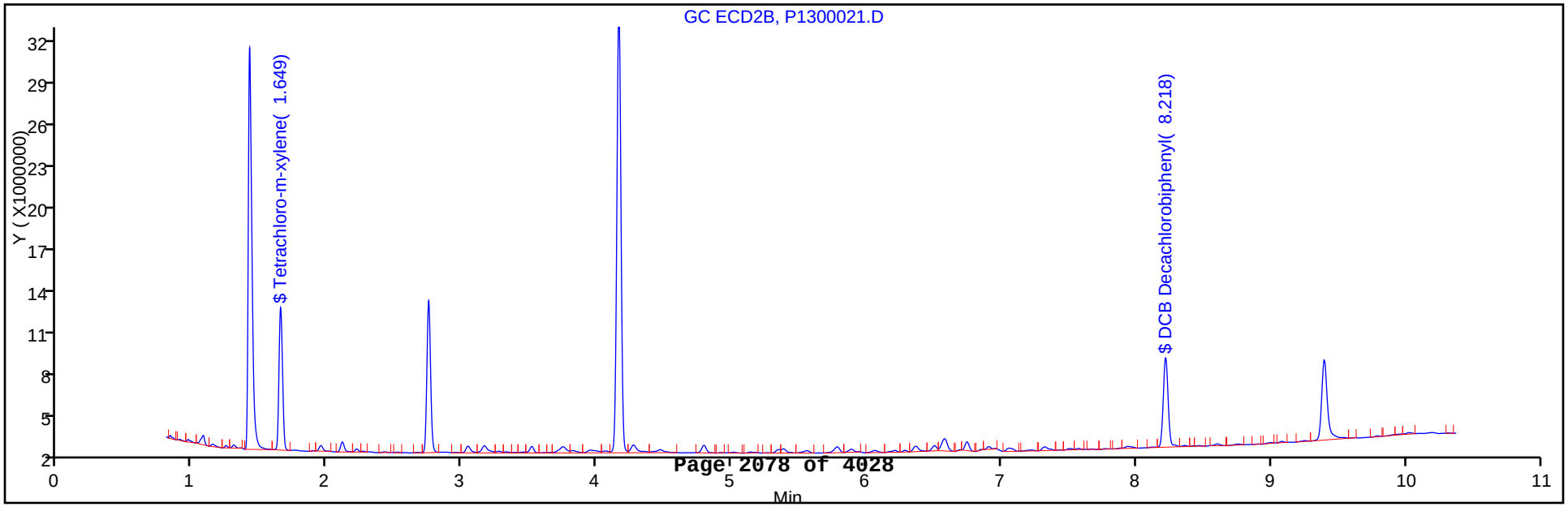
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Injection Date:	21-Nov-2012 11:25:53	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SS-0021M-0001-SO Lab Sample ID: 240-17422-3

Matrix: Solid Lab File ID: P1300021.D

Analysis Method: 8082/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.96(g) Date Analyzed: 11/21/2012 11:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300021.D		
Lims ID:	240-17422-A-3-E	Client ID:	076SS-0021M-0001-SO
Inject. Date:	21-Nov-2012 11:25:53	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-021		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	21
Lims Batch ID:	65860	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:20:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	29144830	0.0128			
2	2	1.649	1.649	0.000	19029219	0.0132			
						RPD = 3.65			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.776						
1	4		5.526						
1	5		5.831						
2	6		5.137						
2	7		5.386						
2	8		5.774						
2	9		6.506						
2	10		6.908						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.066	-0.002	27218403	0.0117			
2	2	8.218	8.219	-0.001	16350164	0.0121			
						RPD = 4.04			

QC Flag Legend

Processing Flags
1 - Missing Peaks

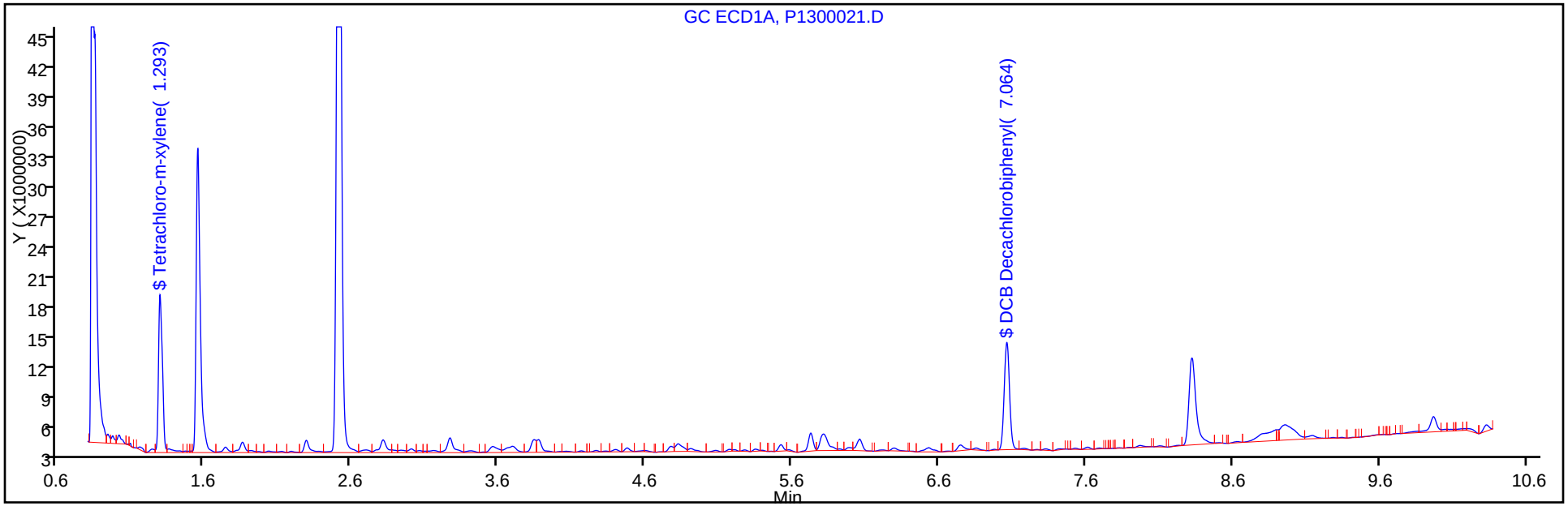
Report Date: 23-Nov-2012 07:46:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

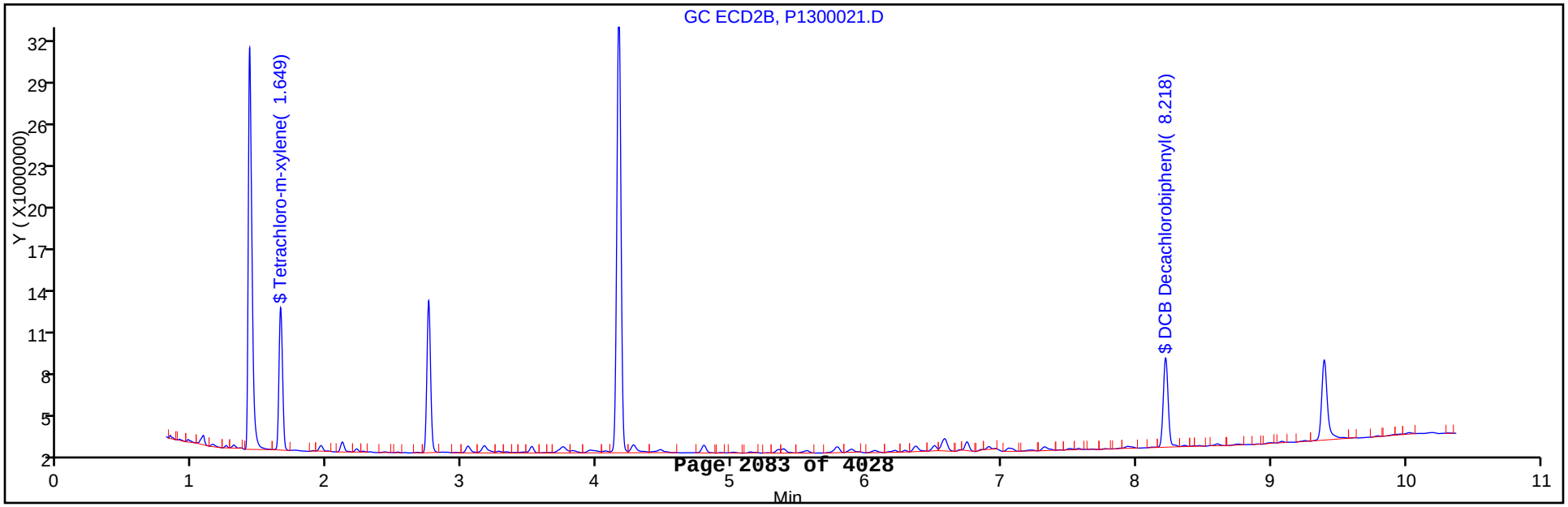
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Injection Date:	21-Nov-2012 11:25:53	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO Lab Sample ID: 240-17422-5

Matrix: Solid Lab File ID: P1300022.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.56(g) Date Analyzed: 11/21/2012 11:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	78		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300022.D		
Lims ID:	240-17422-A-5-E	Client ID:	073SS-0002M-0001-SO
Inject. Date:	21-Nov-2012 11:40:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	65860	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.292	0.002	34668100	0.0152			
2	2	1.650	1.649	0.001	24945994	0.0174			
						RPD = 13.35			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.167	-0.002	1338885	0.0132		100.0	
1	2	4.476	4.476	0.000	2984757	0.0149	175.1- 225.1	222.9	
1	3	4.772	4.776	-0.004	4150184	0.0207	173.2- 223.2	310.0	
1	4	5.525	5.526	-0.001	3951761	0.0145	244.1- 294.1	295.2	
1	5	5.824	5.831	-0.007	4898294	0.0379	101.5- 151.5	365.8	
			Average of Peak Amounts =			0.0203			
2	6	0.0	5.137	-5.137	0	0		100.0	
2	7	0.0	5.386	-5.386	0	0	86.6- 146.6		
2	8	5.778	5.774	0.004	2539693	0.0217	142.9- 202.9		
2	9	6.504	6.506	-0.002	2107868	0.0148	179.5- 239.5		
2	10	6.905	6.908	-0.003	3291381	0.0316	121.8- 181.8		
			Average of Peak Amounts =			0.0227			
						RPD = 11.45			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.066	-0.003	36391985	0.0156			
2	2	8.220	8.219	0.001	22921957	0.0170			
						RPD = 8.77			

QC Flag Legend

Processing Flags
1 - Missing Peaks

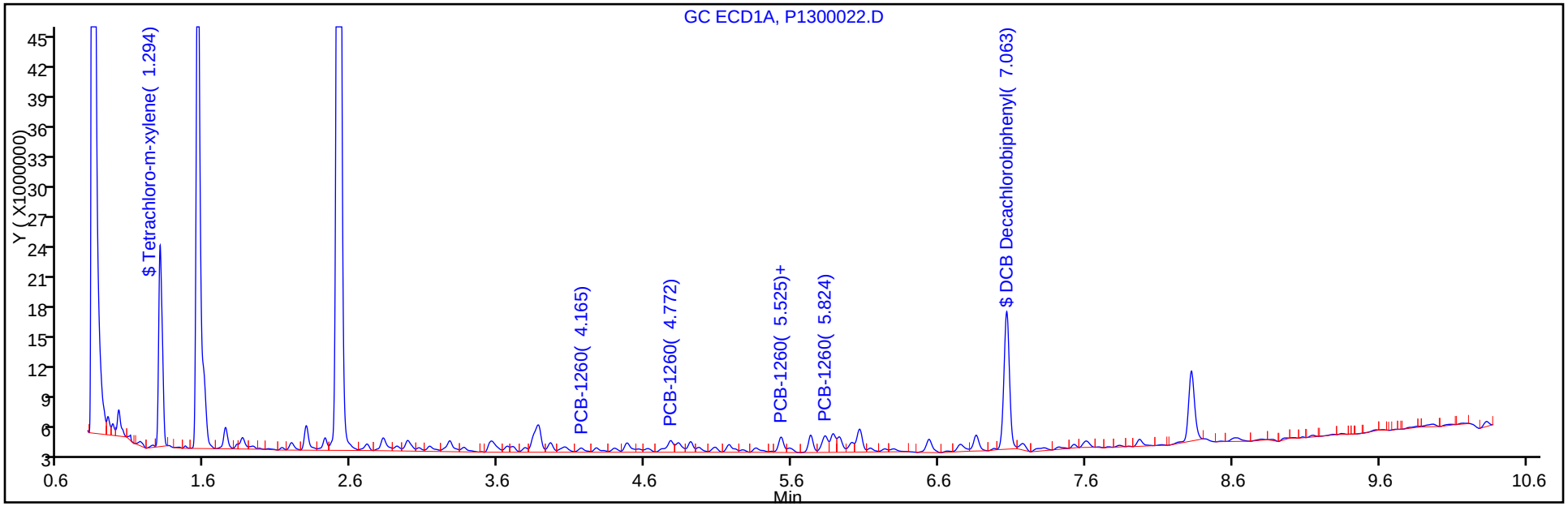
Report Date: 23-Nov-2012 07:46:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

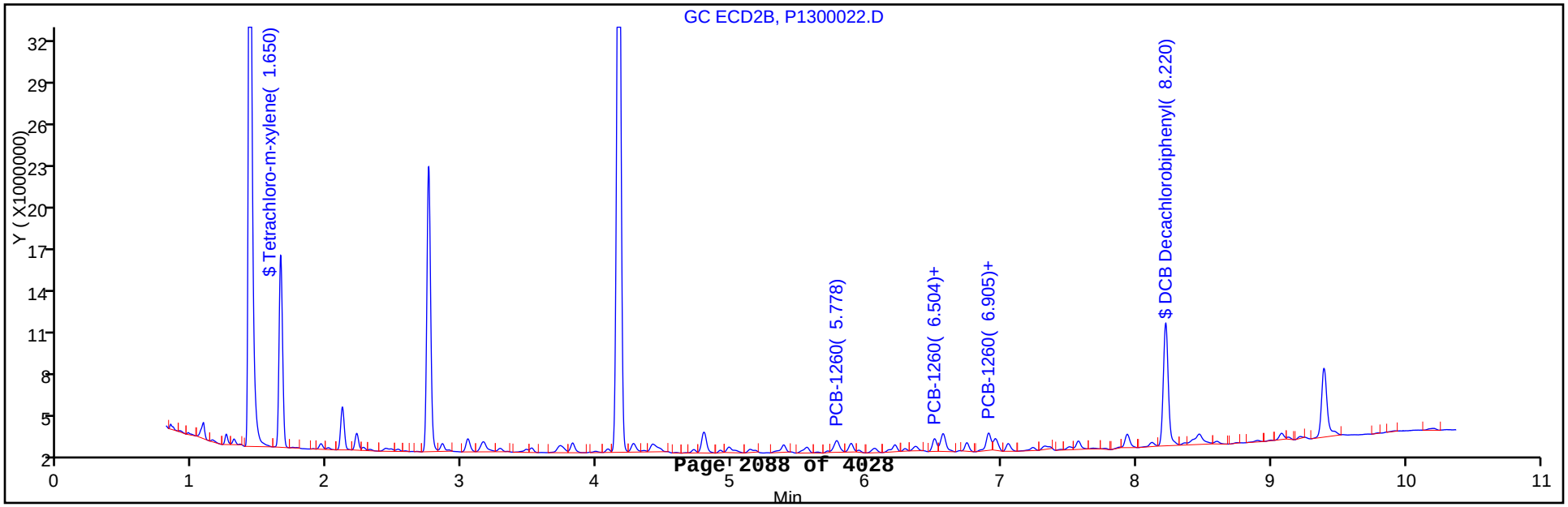
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Injection Date:	21-Nov-2012 11:40:49	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0002M-0001-SO Lab Sample ID: 240-17422-5

Matrix: Solid Lab File ID: P1300022.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.56(g) Date Analyzed: 11/21/2012 11:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	41	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300022.D		
Lims ID:	240-17422-A-5-E	Client ID:	073SS-0002M-0001-SO
Inject. Date:	21-Nov-2012 11:40:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	65860	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.292	0.002	34668100	0.0152			
2	2	1.650	1.649	0.001	24945994	0.0174			
						RPD = 13.35			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.167	-0.002	1338885	0.0132		100.0	
1	2	4.476	4.476	0.000	2984757	0.0149	175.1- 225.1	222.9	
1	3	4.772	4.776	-0.004	4150184	0.0207	173.2- 223.2	310.0	
1	4	5.525	5.526	-0.001	3951761	0.0145	244.1- 294.1	295.2	
1	5	5.824	5.831	-0.007	4898294	0.0379	101.5- 151.5	365.8	
			Average of Peak Amounts =			0.0203			
2	6	0.0	5.137	-5.137	0	0		100.0	
2	7	0.0	5.386	-5.386	0	0	86.6- 146.6		
2	8	5.778	5.774	0.004	2539693	0.0217	142.9- 202.9		
2	9	6.504	6.506	-0.002	2107868	0.0148	179.5- 239.5		
2	10	6.905	6.908	-0.003	3291381	0.0316	121.8- 181.8		
			Average of Peak Amounts =			0.0227			
						RPD = 11.45			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.066	-0.003	36391985	0.0156			
2	2	8.220	8.219	0.001	22921957	0.0170			
						RPD = 8.77			

QC Flag Legend

Processing Flags
1 - Missing Peaks

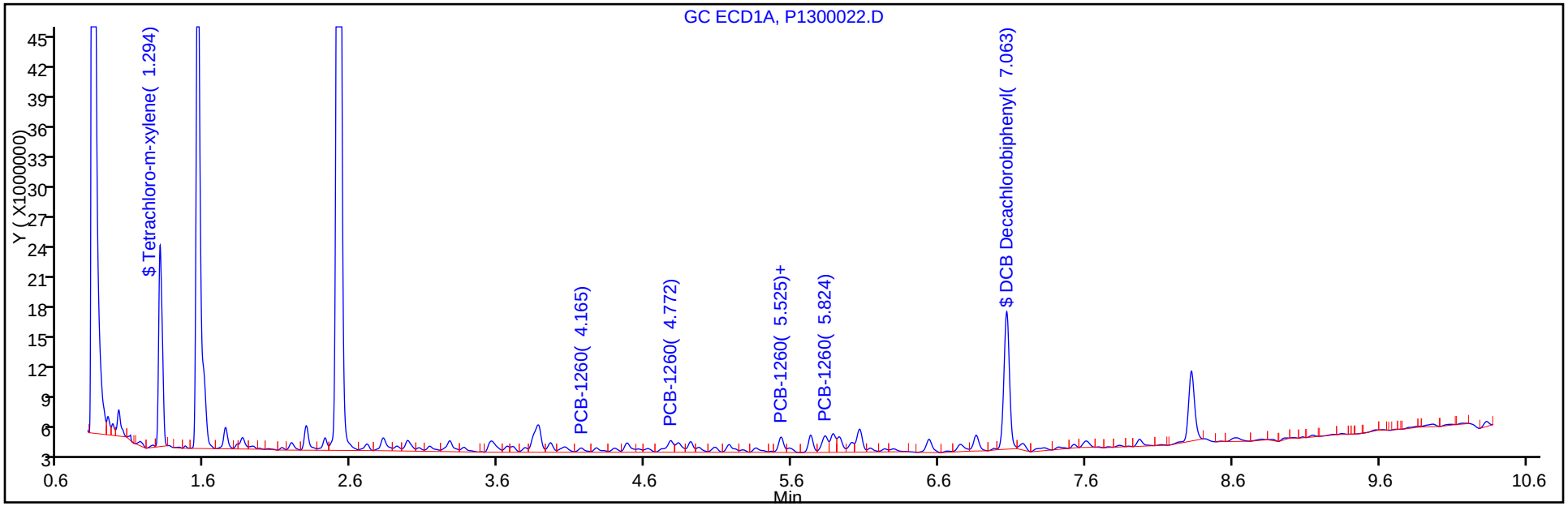
Report Date: 23-Nov-2012 07:46:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

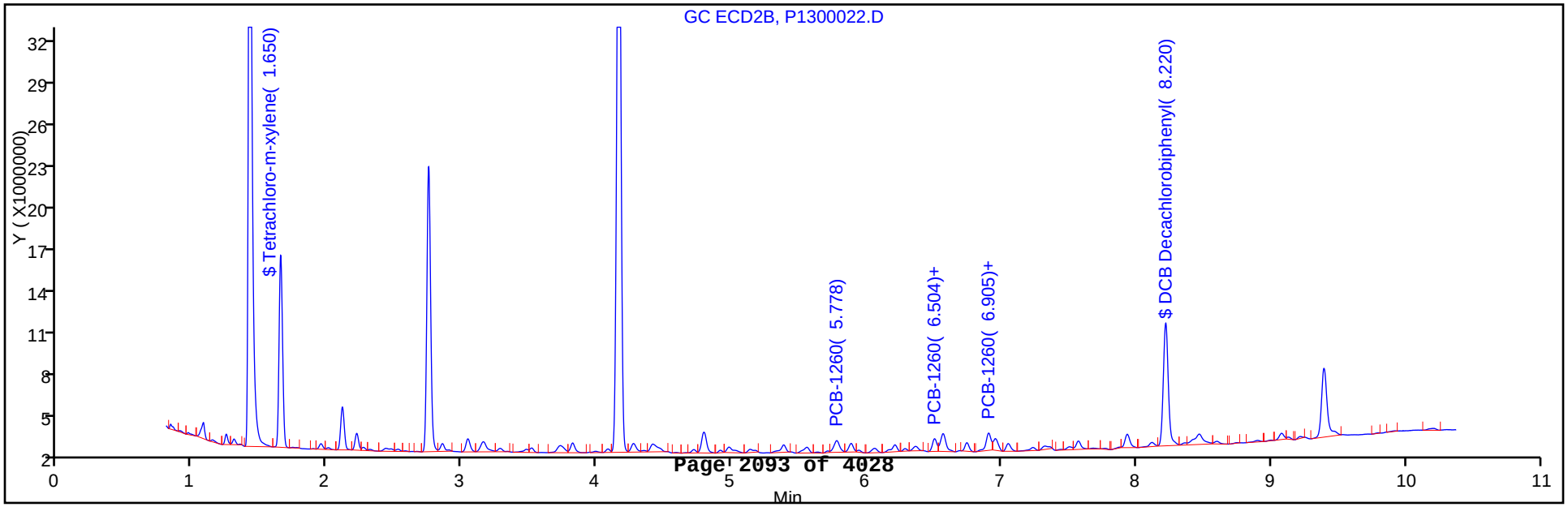
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300022.D

Injection Date:	21-Nov-2012 11:40:49	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO Lab Sample ID: 240-17422-6

Matrix: Solid Lab File ID: P1300023.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.67(g) Date Analyzed: 11/21/2012 11:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	77		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300023.D		
Lims ID:	240-17422-A-6-N	Client ID:	073SS-0003M-0001-SO
Inject. Date:	21-Nov-2012 11:55:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	65860	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	34115468	0.0149			
2	2	1.650	1.649	0.001	23643705	0.0165			
						RPD = 9.61			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.776						
1	4		5.526						
1	5		5.831						
2	6		5.137						
2	7		5.386						
2	8		5.774						
2	9		6.506						
2	10		6.908						
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	36030244	0.0154			
2	2	8.220	8.219	0.001	22790376	0.0169			
						RPD = 9.20			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

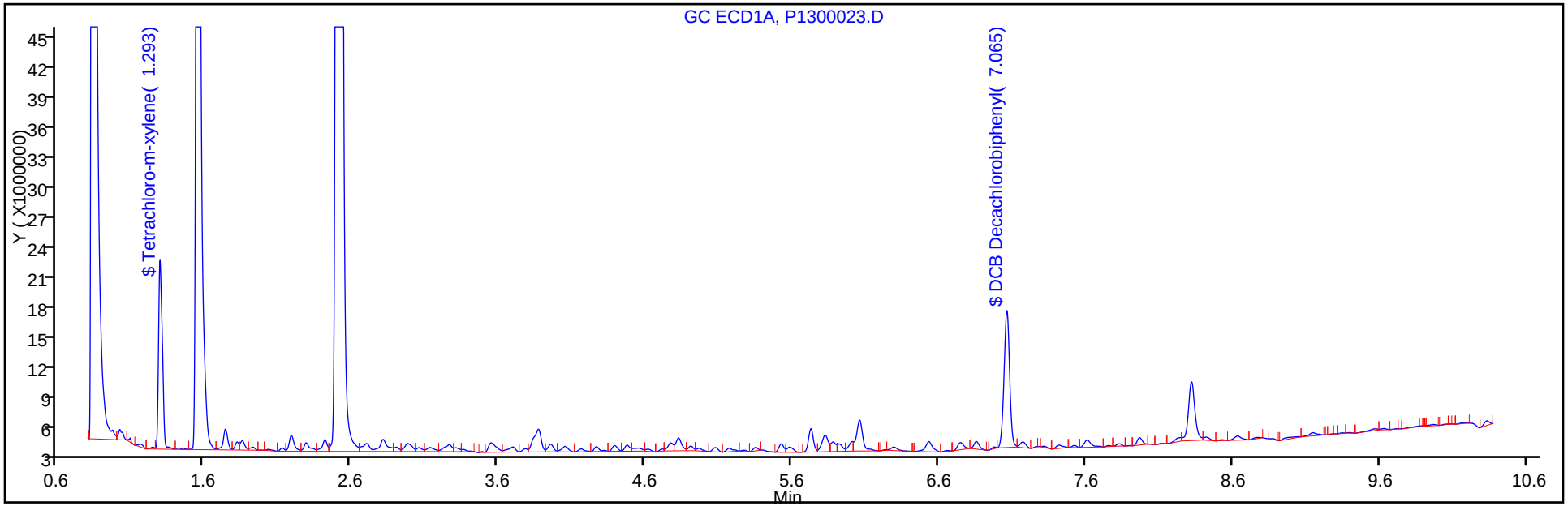
Report Date: 23-Nov-2012 07:46:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

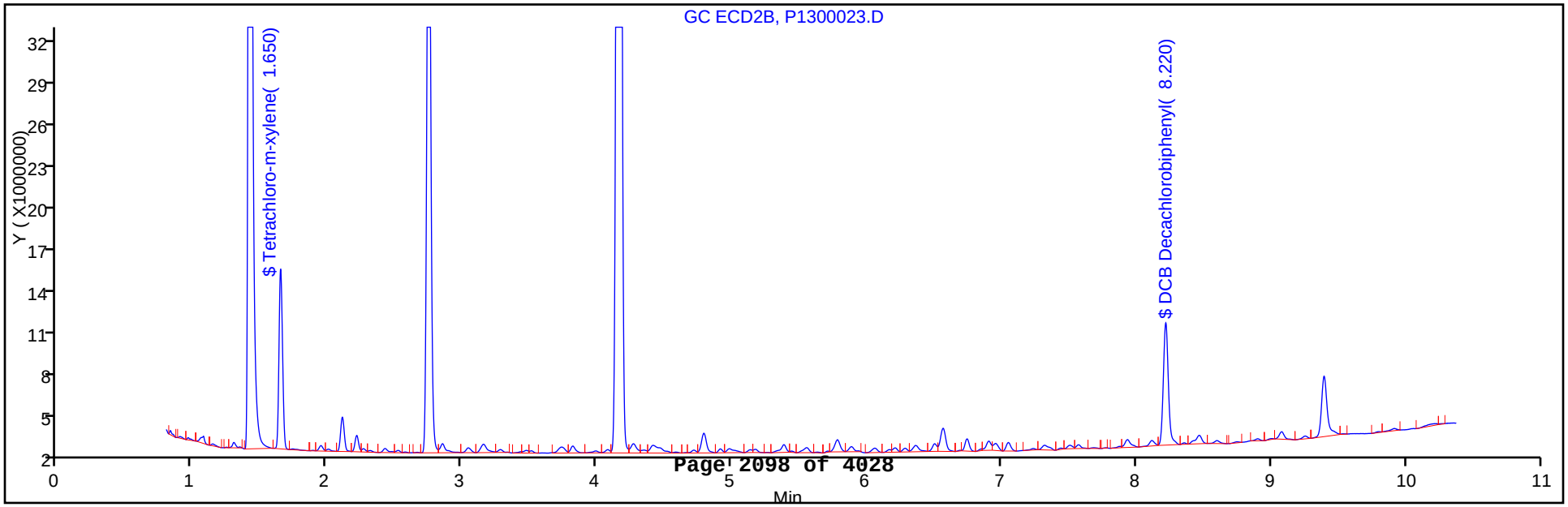
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300023.D

Injection Date:	21-Nov-2012 11:55:45	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 073SS-0003M-0001-SO Lab Sample ID: 240-17422-6

Matrix: Solid Lab File ID: P1300023.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.67(g) Date Analyzed: 11/21/2012 11:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U J	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U J	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300023.D		
Lims ID:	240-17422-A-6-N	Client ID:	073SS-0003M-0001-SO
Inject. Date:	21-Nov-2012 11:55:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	65860	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	34115468	0.0149			
2	2	1.650	1.649	0.001	23643705	0.0165			
						RPD = 9.61			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.776						
1	4		5.526						
1	5		5.831						
2	6		5.137						
2	7		5.386						
2	8		5.774						
2	9		6.506						
2	10		6.908						
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	36030244	0.0154			
2	2	8.220	8.219	0.001	22790376	0.0169			
						RPD = 9.20			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

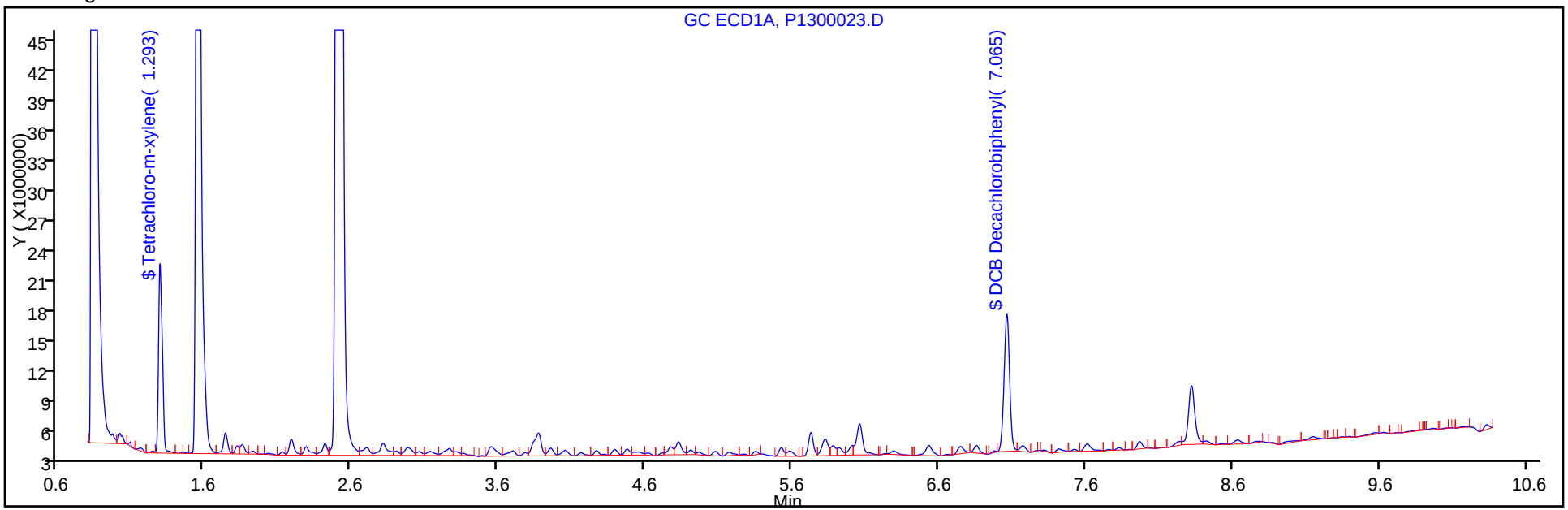
Report Date: 23-Nov-2012 07:46:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

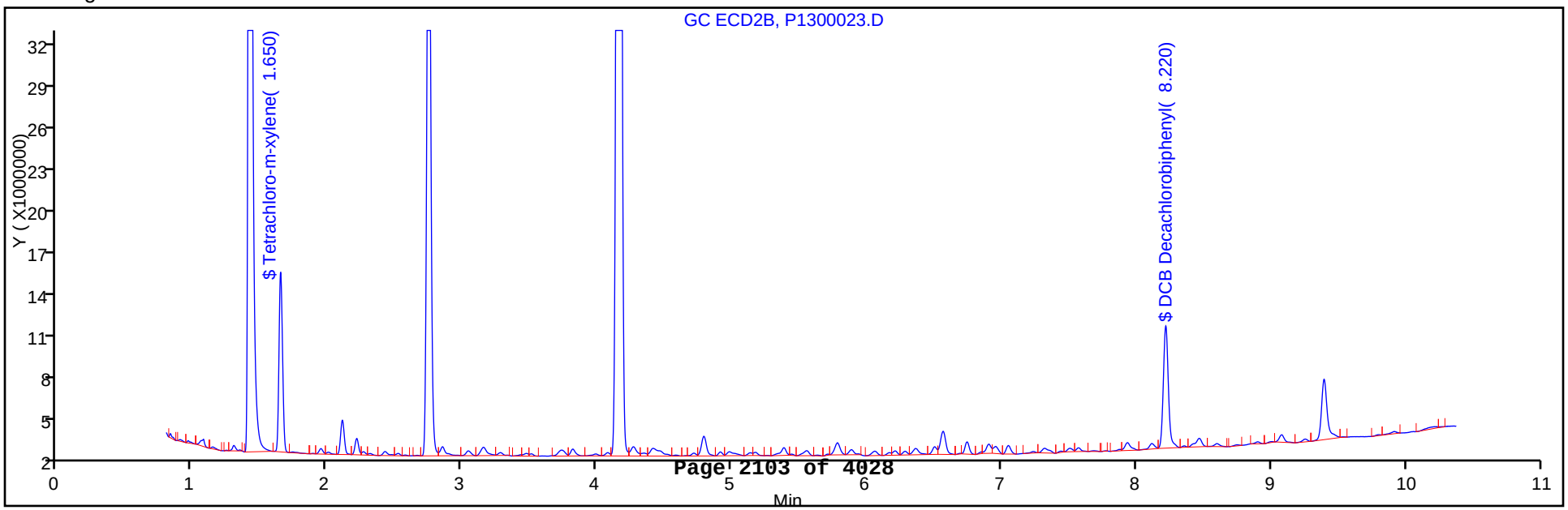
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300023.D

Injection Date:	21-Nov-2012 11:55:45	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO Lab Sample ID: 240-17422-9

Matrix: Solid Lab File ID: P1300026.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.40(g) Date Analyzed: 11/21/2012 12:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300026.D		
Lims ID:	240-17422-A-9-M	Client ID:	068SD-0009-0001-SO
Inject. Date:	21-Nov-2012 12:40:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-026		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	26
Lims Batch ID:	65860	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:22:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	34332063	0.0150			
2	2	1.649	1.649	0.000	23427083	0.0163			
						RPD = 8.06			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.776						
1	4		5.526						
1	5		5.831						
2	6		5.137						
2	7		5.386						
2	8		5.774						
2	9		6.506						
2	10		6.908						
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.066	-0.002	33327040	0.0143			
2	2	8.219	8.219	0.000	21732351	0.0161			
						RPD = 12.23			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

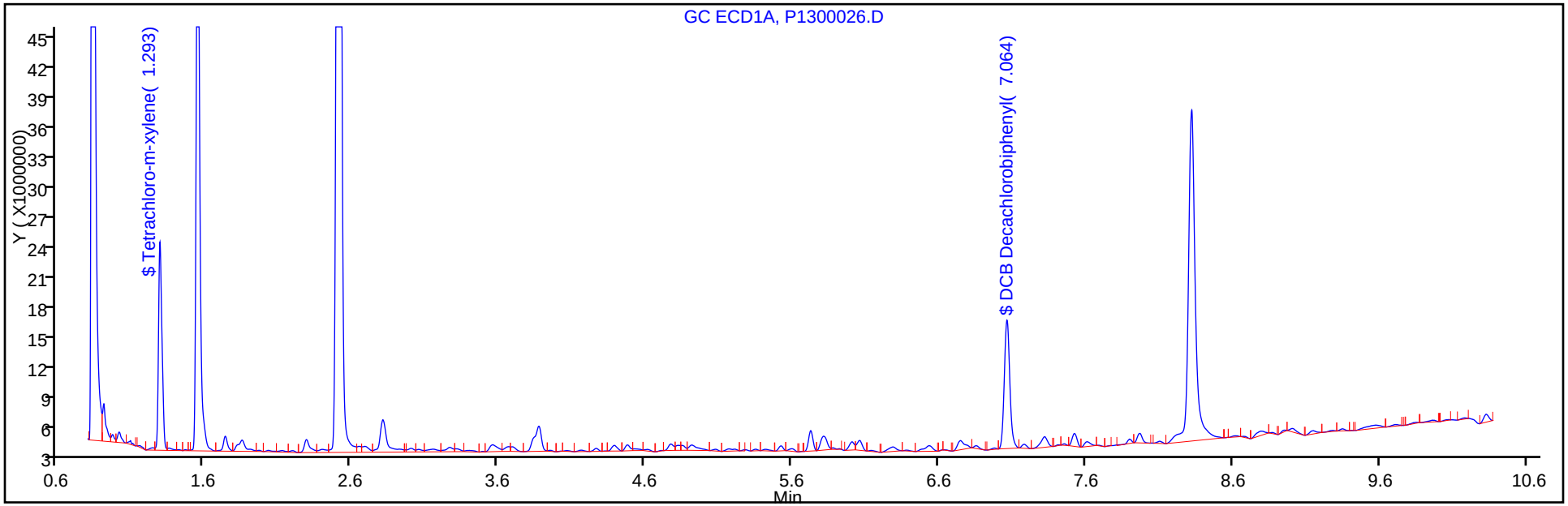
Report Date: 23-Nov-2012 07:46:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

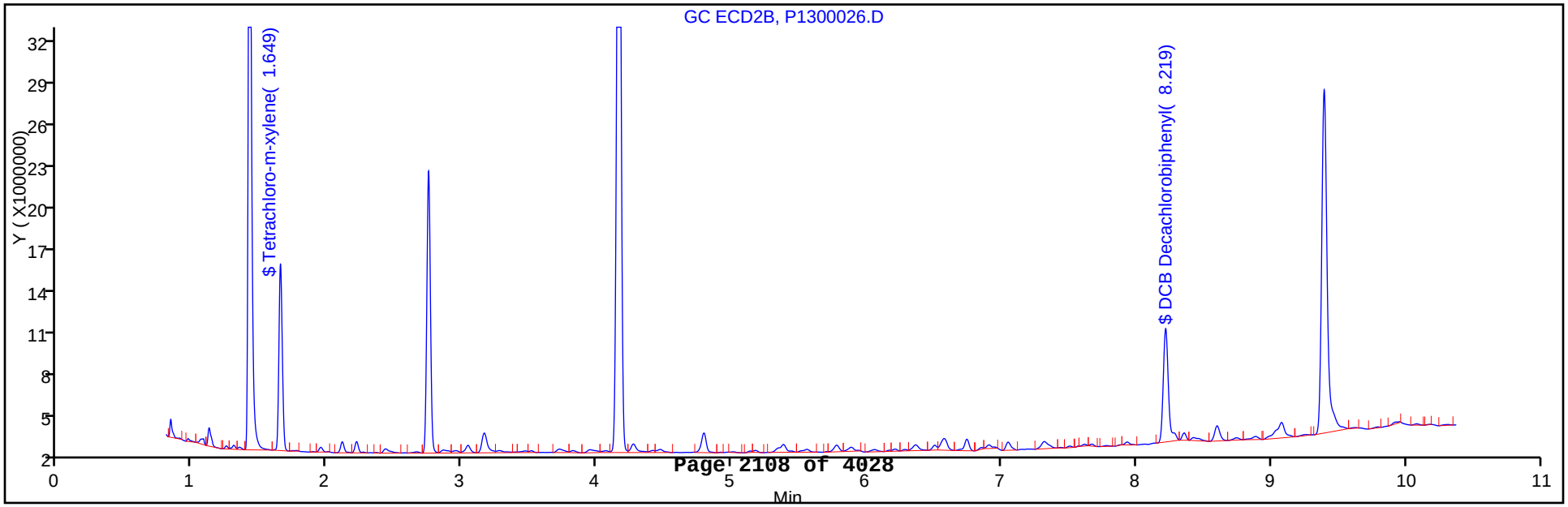
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300026.D

Injection Date:	21-Nov-2012 12:40:32	Limit Group:	GC 8082A ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-0009-0001-SO Lab Sample ID: 240-17422-9

Matrix: Solid Lab File ID: P1300026.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.40(g) Date Analyzed: 11/21/2012 12:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U	49	24	16
12674-11-2	Aroclor-1016	24	U	64	24	21
11141-16-5	Aroclor-1232	24	U	44	24	14
53469-21-9	Aroclor-1242	24	U	39	24	13
12672-29-6	Aroclor-1248	24	U	54	24	17
11097-69-1	Aroclor-1254	24	U	54	24	17
11096-82-5	Aroclor-1260	24	U	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	81		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300026.D		
Lims ID:	240-17422-A-9-M	Client ID:	068SD-0009-0001-SO
Inject. Date:	21-Nov-2012 12:40:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-026		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	26
Lims Batch ID:	65860	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		
First Level Reviewer: hassl		Date:	23-Nov-2012 07:22:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	34332063	0.0150			
2	2	1.649	1.649	0.000	23427083	0.0163			
						RPD = 8.06			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.145						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.776						
1	4		5.526						
1	5		5.831						
2	6		5.137						
2	7		5.386						
2	8		5.774						
2	9		6.506						
2	10		6.908						
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.066	-0.002	33327040	0.0143			
2	2	8.219	8.219	0.000	21732351	0.0161			
						RPD = 12.23			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

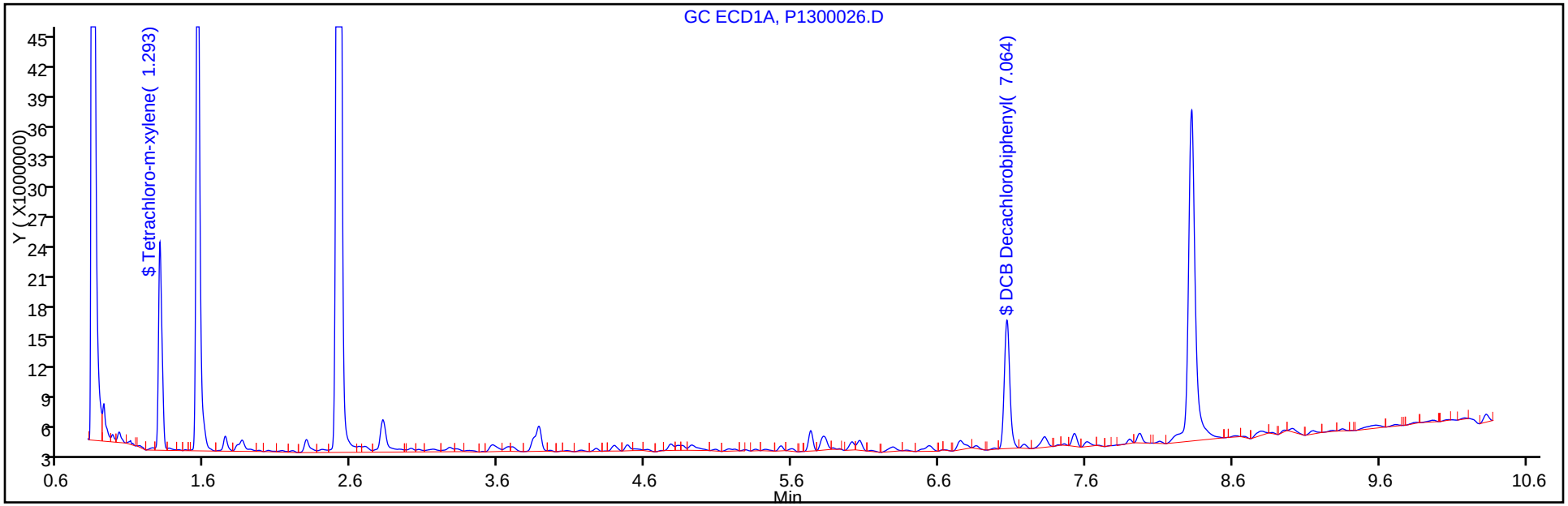
Report Date: 23-Nov-2012 07:46:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

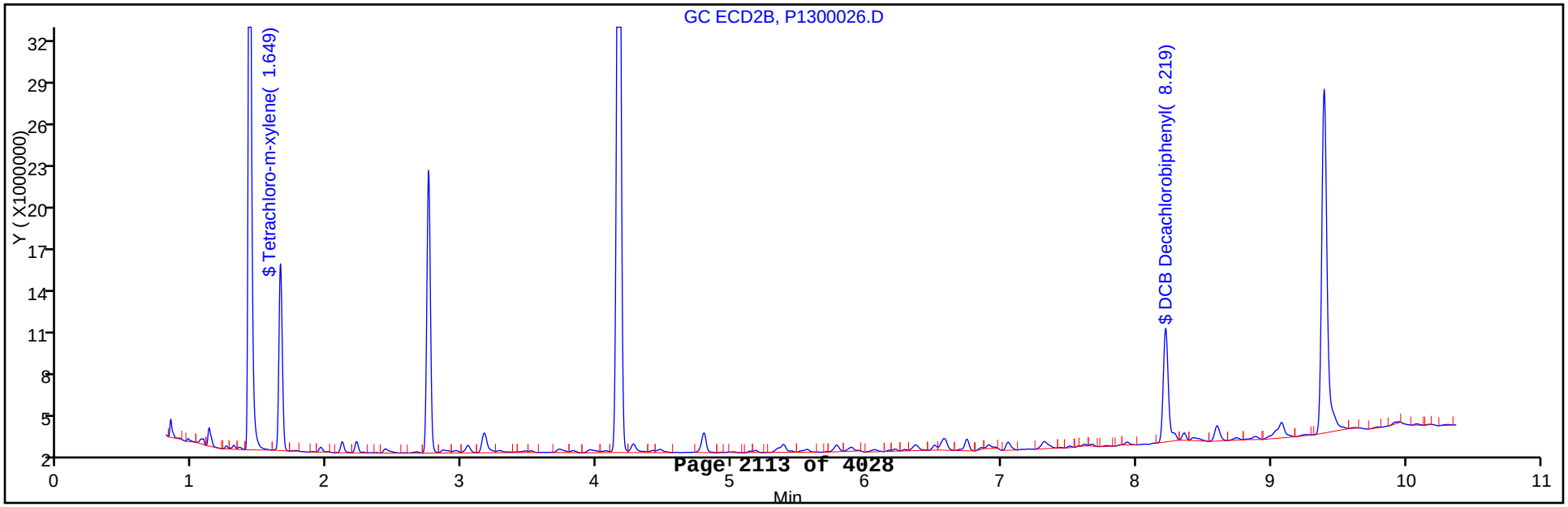
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300026.D

Injection Date:	21-Nov-2012 12:40:32	Limit Group:	GC 8082A ICAL
Client ID:	068SD-0009-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00010-0001-SO Lab Sample ID: 240-17422-10

Matrix: Solid Lab File ID: P1300030.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.79(g) Date Analyzed: 11/21/2012 13:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300030.D		
Lims ID:	240-17422-A-10-D	Client ID:	068SD-00010-0001-SO
Inject. Date:	21-Nov-2012 13:40:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	30
Lims Batch ID:	65860	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:24	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:23:39

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	32763888	0.0144			
2	2	1.650	1.649	0.001	22666619	0.0158			
						RPD = 9.43			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.873						
2	6		2.144						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.476						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.137						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.908						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.064	0.001	33406309	0.0143			
2	2	8.219	8.219	0.000	21431219	0.0159			
						RPD = 10.61			

QC Flag Legend

Processing Flags
1 - Missing Peaks

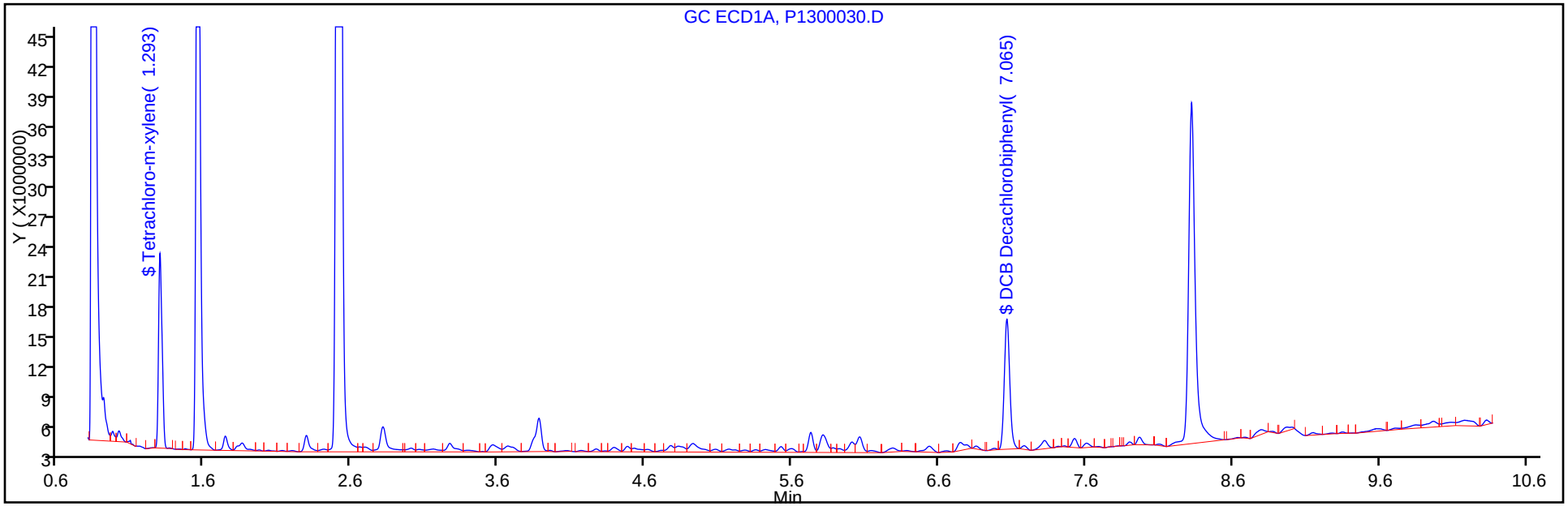
Report Date: 23-Nov-2012 07:46:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

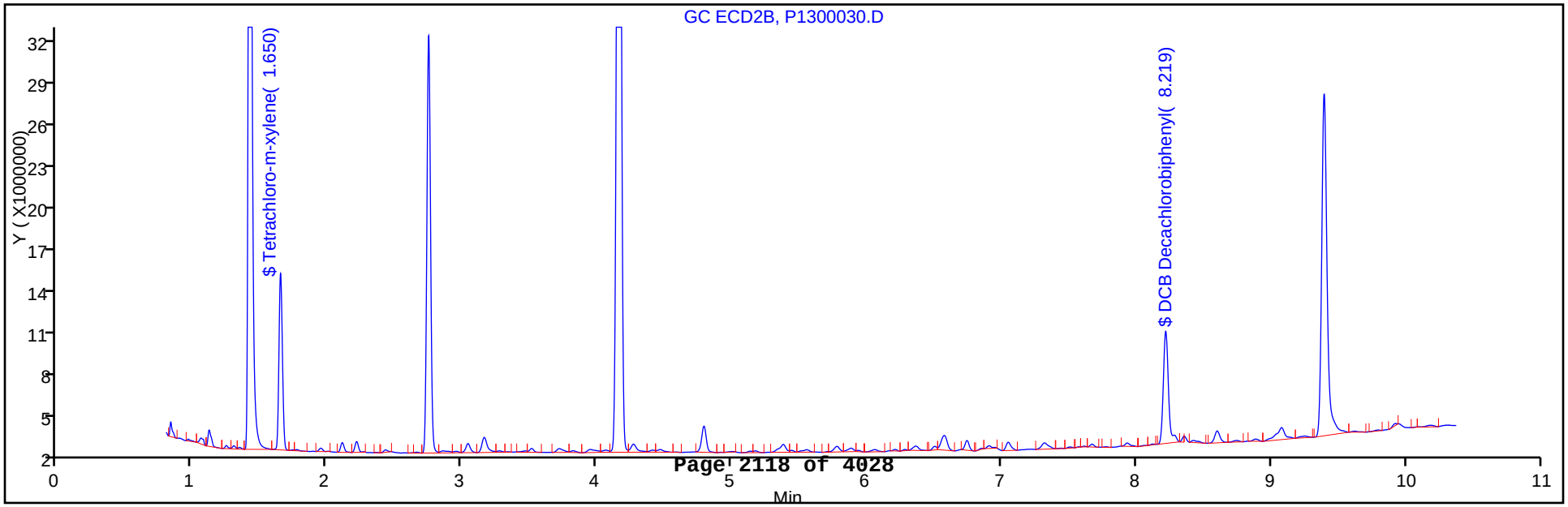
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300030.D

Injection Date:	21-Nov-2012 13:40:18	Limit Group:	GC 8082A ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00010-0001-SO | Lab Sample ID: 240-17422-10

Matrix: Solid | Lab File ID: P1300030.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 12:35

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.79(g) | Date Analyzed: 11/21/2012 13:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	80		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300030.D		
Lims ID:	240-17422-A-10-D	Client ID:	068SD-00010-0001-SO
Inject. Date:	21-Nov-2012 13:40:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	30
Lims Batch ID:	65860	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:24	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:23:39

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	32763888	0.0144			
2	2	1.650	1.649	0.001	22666619	0.0158			
						RPD = 9.43			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.873						
2	6		2.144						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.476						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.137						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.908						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.064	0.001	33406309	0.0143			
2	2	8.219	8.219	0.000	21431219	0.0159			
						RPD = 10.61			

QC Flag Legend

Processing Flags
1 - Missing Peaks

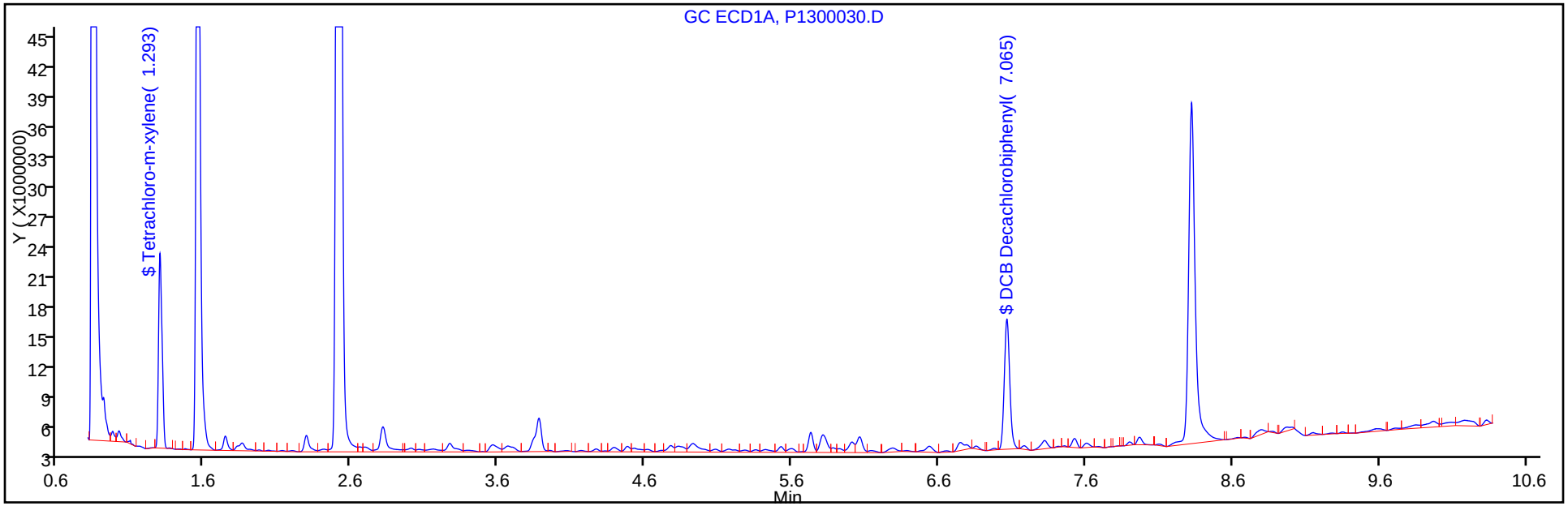
Report Date: 23-Nov-2012 07:46:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

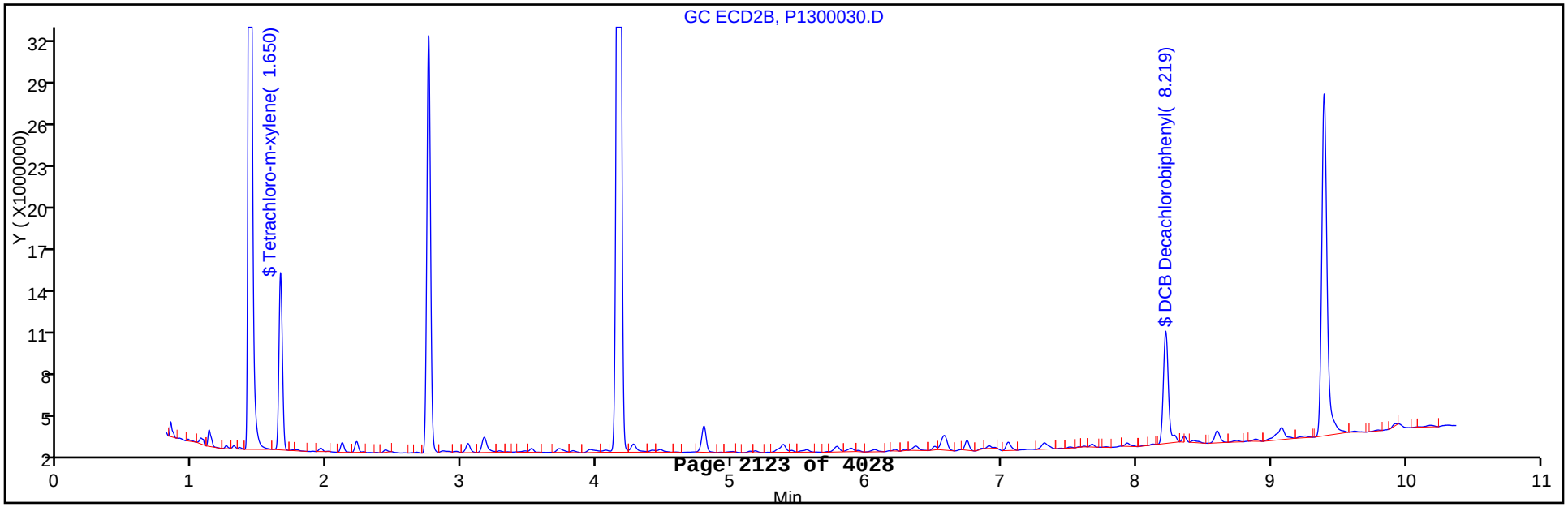
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Injection Date:	21-Nov-2012 13:40:18	Limit Group:	GC 8082A ICAL
Client ID:	068SD-00010-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00011-0001-SO Lab Sample ID: 240-17422-11

Matrix: Solid Lab File ID: P1300031.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:42

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.53(g) Date Analyzed: 11/21/2012 13:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300031.D		
Lims ID:	240-17422-A-11-D	Client ID:	068SD-00011-0001-SO
Inject. Date:	21-Nov-2012 13:55:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	31
Lims Batch ID:	65860	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:24	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:37:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	33008819	0.0145			
2	2	1.650	1.649	0.001	23223731	0.0162			
						RPD = 11.11			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.873						
2	6		2.144						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.476						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.137						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.908						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.064	-0.001	33181844	0.0142			
2	2	8.218	8.219	-0.001	21084512	0.0157			
						RPD = 9.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks

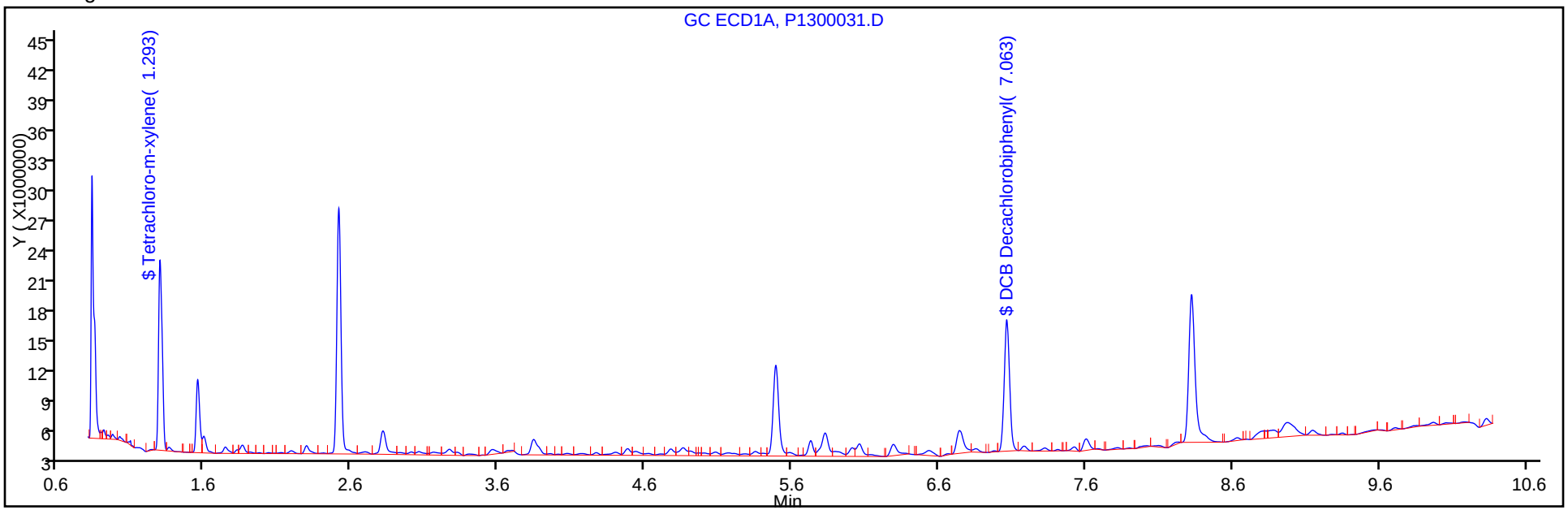
Report Date: 23-Nov-2012 07:46:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

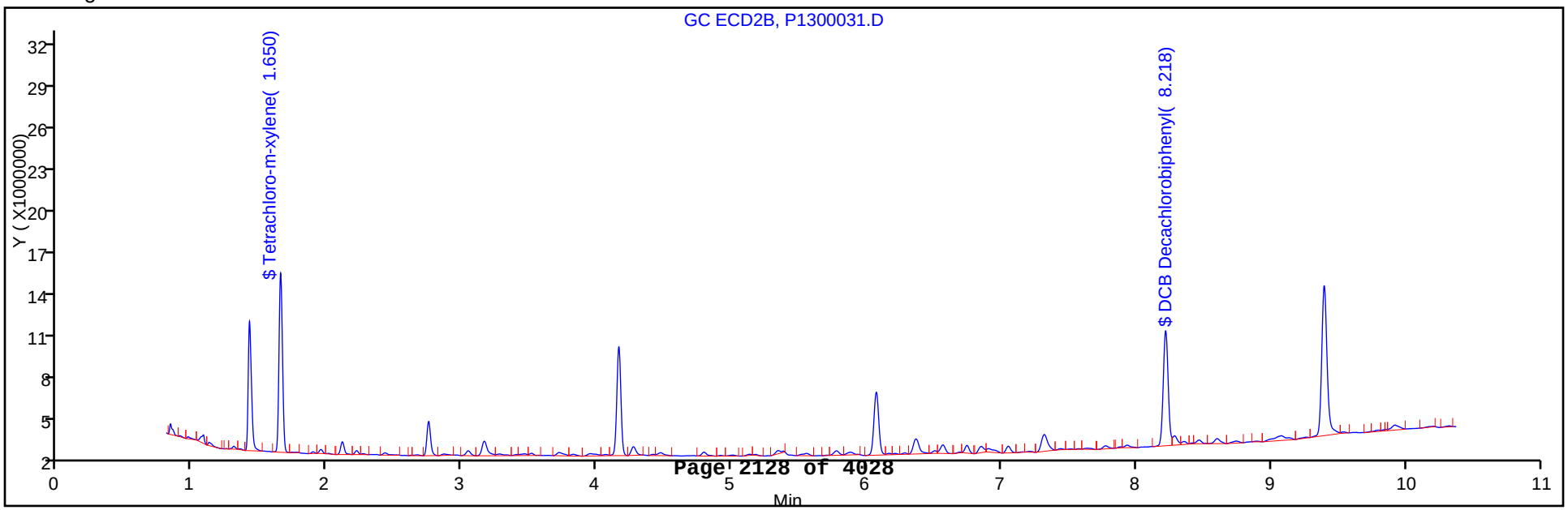
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300031.D

Injection Date:	21-Nov-2012 13:55:14	Limit Group:	GC 8082A ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00011-0001-SO Lab Sample ID: 240-17422-11

Matrix: Solid Lab File ID: P1300031.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:42

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.53(g) Date Analyzed: 11/21/2012 13:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	41	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-140
2051-24-3	DCB Decachlorobiphenyl	78		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300031.D		
Lims ID:	240-17422-A-11-D	Client ID:	068SD-00011-0001-SO
Inject. Date:	21-Nov-2012 13:55:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	31
Lims Batch ID:	65860	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:24	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:37:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	33008819	0.0145			
2	2	1.650	1.649	0.001	23223731	0.0162			
						RPD = 11.11			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.873						
2	6		2.144						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.476						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.137						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.908						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.064	-0.001	33181844	0.0142			
2	2	8.218	8.219	-0.001	21084512	0.0157			
						RPD = 9.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks

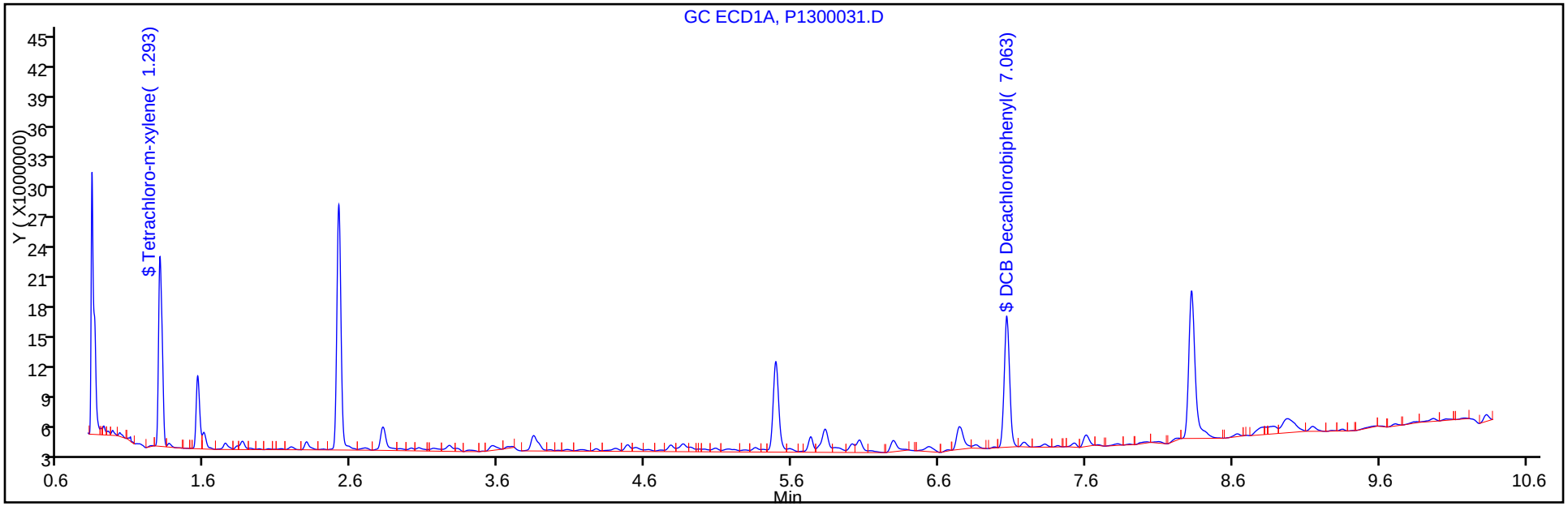
Report Date: 23-Nov-2012 07:46:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

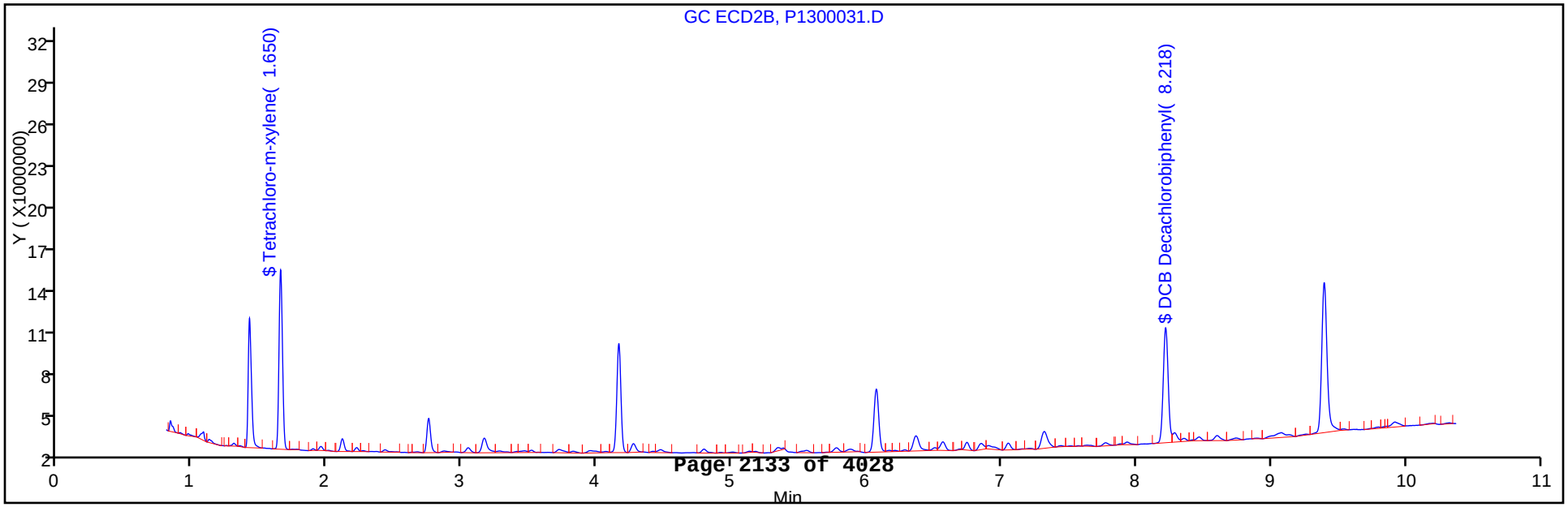
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300031.D

Injection Date:	21-Nov-2012 13:55:14	Limit Group:	GC 8082A ICAL
Client ID:	068SD-00011-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00012-0001-SO Lab Sample ID: 240-17422-12

Matrix: Solid Lab File ID: P1300032.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.46(g) Date Analyzed: 11/21/2012 14:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300032.D		
Lims ID:	240-17422-A-12-D	Client ID:	068SD-00012-0001-SO
Inject. Date:	21-Nov-2012 14:10:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-032		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	32
Lims Batch ID:	65860	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:24	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:37:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	32248030	0.0141			
2	2	1.651	1.649	0.002	21416507	0.0149			
						RPD = 5.35			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.873						
2	6		2.144						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.166	0.000	955733	0.009429		100.0	
1	2	4.477	4.476	0.001	3613664	0.0180	175.1- 225.1	378.1	
1	3	4.774	4.774	0.000	5999675	0.0300	173.2- 223.2	627.8	
1	4	5.525	5.526	-0.001	1714587	0.006308	244.1- 294.1	179.4	
1	5	5.819	5.828	-0.009	6943102	0.0538	101.5- 151.5	726.5	
			Average of Peak Amounts =			0.0235			
2	6	0.0	5.137	-5.137	0	0		100.0	
2	7	5.384	5.384	0.000	3571402	0.007272	86.6- 146.6		
2	8	5.777	5.772	0.005	3615449	0.0309	142.9- 202.9		
2	9	6.504	6.504	0.000	1014315	0.007128	179.5- 239.5		
2	10	6.910	6.908	0.002	492101	0.004726	121.8- 181.8		
			Average of Peak Amounts =			0.0125			
						RPD = 60.98			
$ 12 DCB Decachlorobiphenyl									
1	100	7.066	7.064	0.002	31691592	0.0136			
2	2	8.220	8.219	0.001	18701123	0.0139			
						RPD = 2.26			

QC Flag Legend

Processing Flags
1 - Missing Peaks

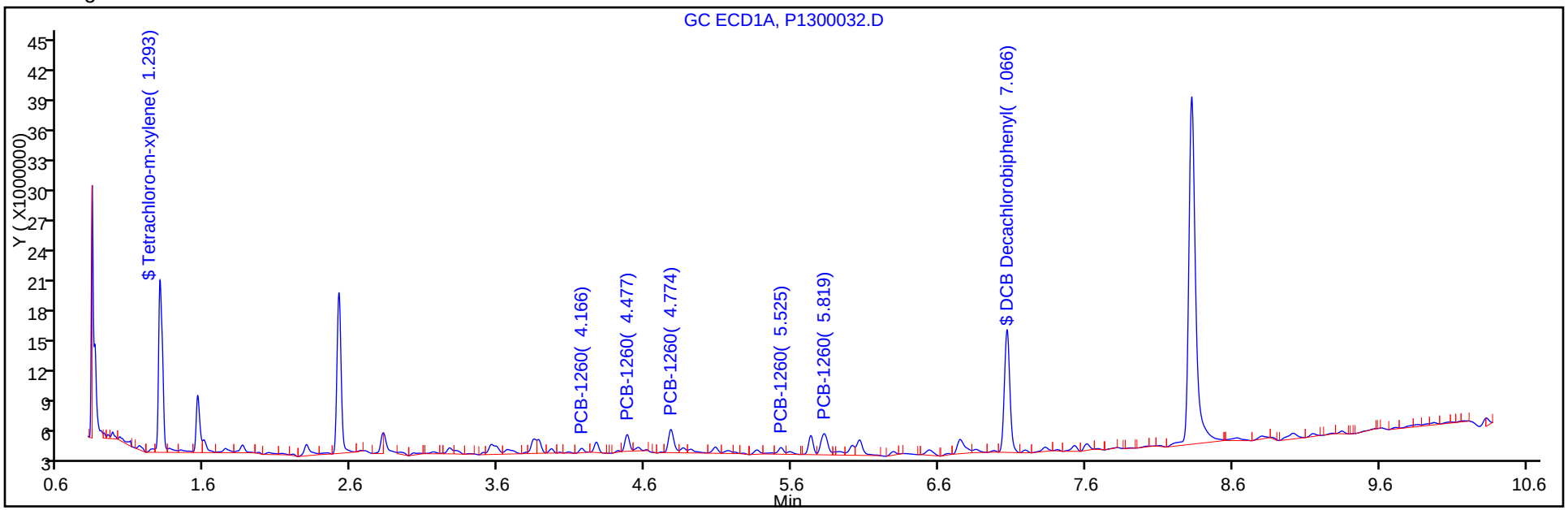
Report Date: 23-Nov-2012 07:46:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

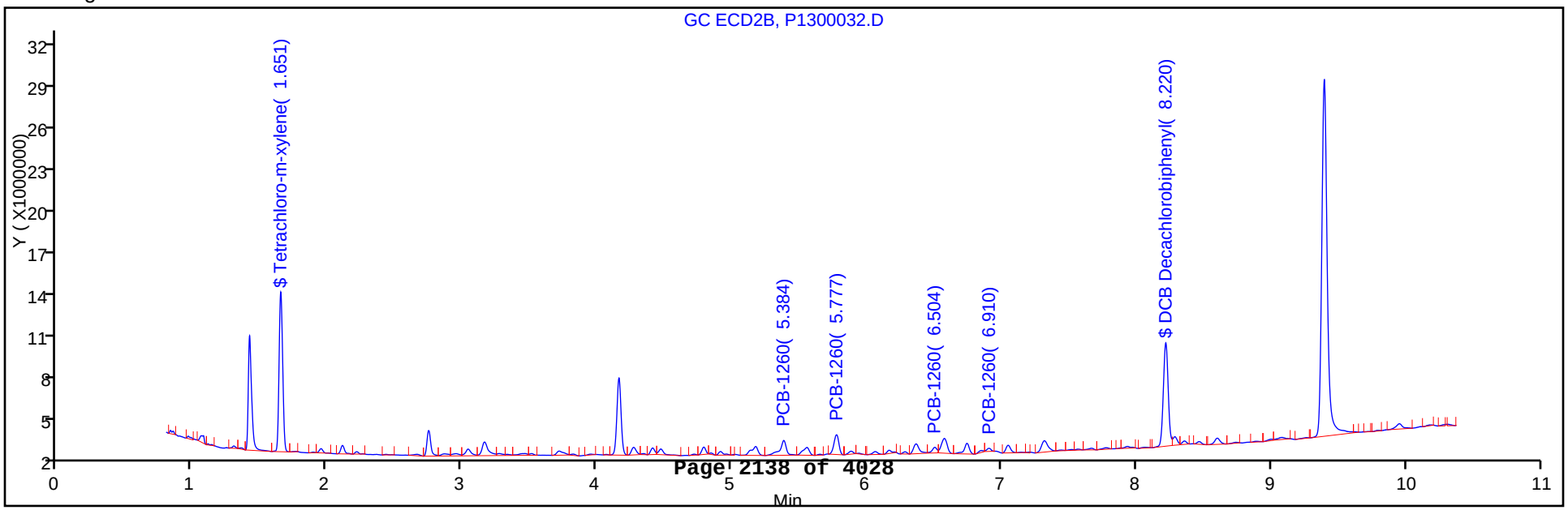
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300032.D

Injection Date:	21-Nov-2012 14:10:11	Limit Group:	GC 8082A ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 068SD-00012-0001-SO Lab Sample ID: 240-17422-12

Matrix: Solid Lab File ID: P1300032.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.46(g) Date Analyzed: 11/21/2012 14:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U	49	24	16
12674-11-2	Aroclor-1016	24	U	64	24	21
11141-16-5	Aroclor-1232	24	U	44	24	14
53469-21-9	Aroclor-1242	24	U	39	24	13
12672-29-6	Aroclor-1248	24	U	54	24	17
11097-69-1	Aroclor-1254	24	U	54	24	17
11096-82-5	Aroclor-1260	24	U	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300032.D		
Lims ID:	240-17422-A-12-D	Client ID:	068SD-00012-0001-SO
Inject. Date:	21-Nov-2012 14:10:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015150-032		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	32
Lims Batch ID:	65860	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:24	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:37:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.292	0.001	32248030	0.0141			
2	2	1.651	1.649	0.002	21416507	0.0149			
						RPD = 5.35			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100		1.590						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.873						
2	6		2.144						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.166	0.000	955733	0.009429		100.0	
1	2	4.477	4.476	0.001	3613664	0.0180	175.1- 225.1	378.1	
1	3	4.774	4.774	0.000	5999675	0.0300	173.2- 223.2	627.8	
1	4	5.525	5.526	-0.001	1714587	0.006308	244.1- 294.1	179.4	
1	5	5.819	5.828	-0.009	6943102	0.0538	101.5- 151.5	726.5	
			Average of Peak Amounts =			0.0235			
2	6	0.0	5.137	-5.137	0	0		100.0	
2	7	5.384	5.384	0.000	3571402	0.007272	86.6- 146.6		
2	8	5.777	5.772	0.005	3615449	0.0309	142.9- 202.9		
2	9	6.504	6.504	0.000	1014315	0.007128	179.5- 239.5		
2	10	6.910	6.908	0.002	492101	0.004726	121.8- 181.8		
			Average of Peak Amounts =			0.0125			
						RPD = 60.98			
$ 12 DCB Decachlorobiphenyl									
1	100	7.066	7.064	0.002	31691592	0.0136			
2	2	8.220	8.219	0.001	18701123	0.0139			
						RPD = 2.26			

QC Flag Legend

Processing Flags
1 - Missing Peaks

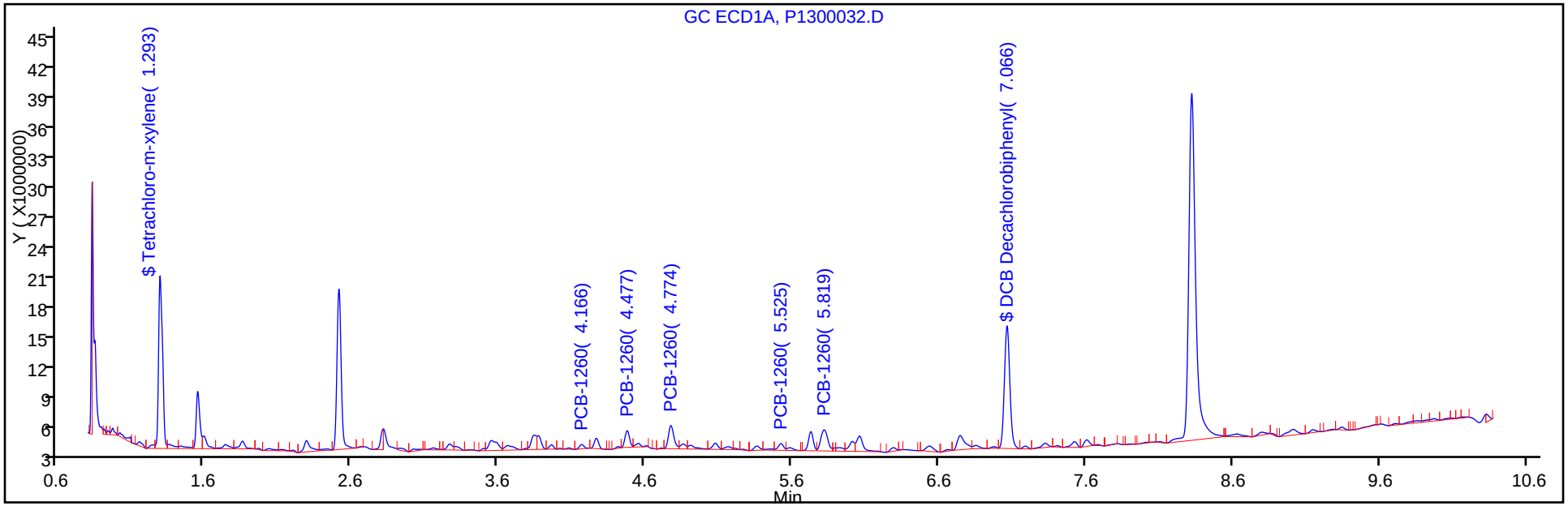
Report Date: 23-Nov-2012 07:46:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

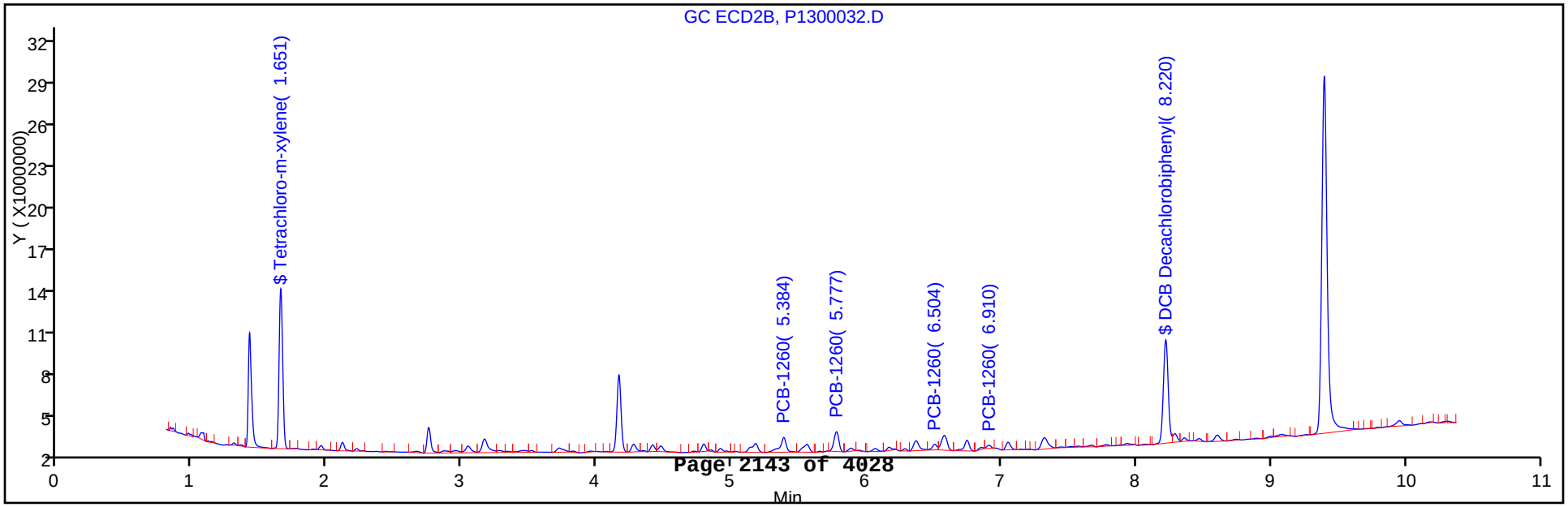
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300032.D

Injection Date:	21-Nov-2012 14:10:11	Limit Group:	GC 8082A ICAL
Client ID:	068SD-00012-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW Lab Sample ID: 240-17422-13

Matrix: Water Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 14:30

Extraction Method: 3520C Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) Date Analyzed: 11/18/2012 16:13

Con. Extract Vol.: 5.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	64		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300011.D		
Lims ID:	240-17422-G-13-A	Client ID:	076SW-0013-0001-SW
Inject. Date:	18-Nov-2012 16:13:12	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015025-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	65363	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:45	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:04:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.294	0.000	69301963	0.0304			
2	2	1.651	1.650	0.001	50629087	0.0352			
						RPD = 14.86			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.063	0.002	59706469	0.0256			
2	2	8.220	8.219	0.001	35107742	0.0261			
						RPD = 1.90			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

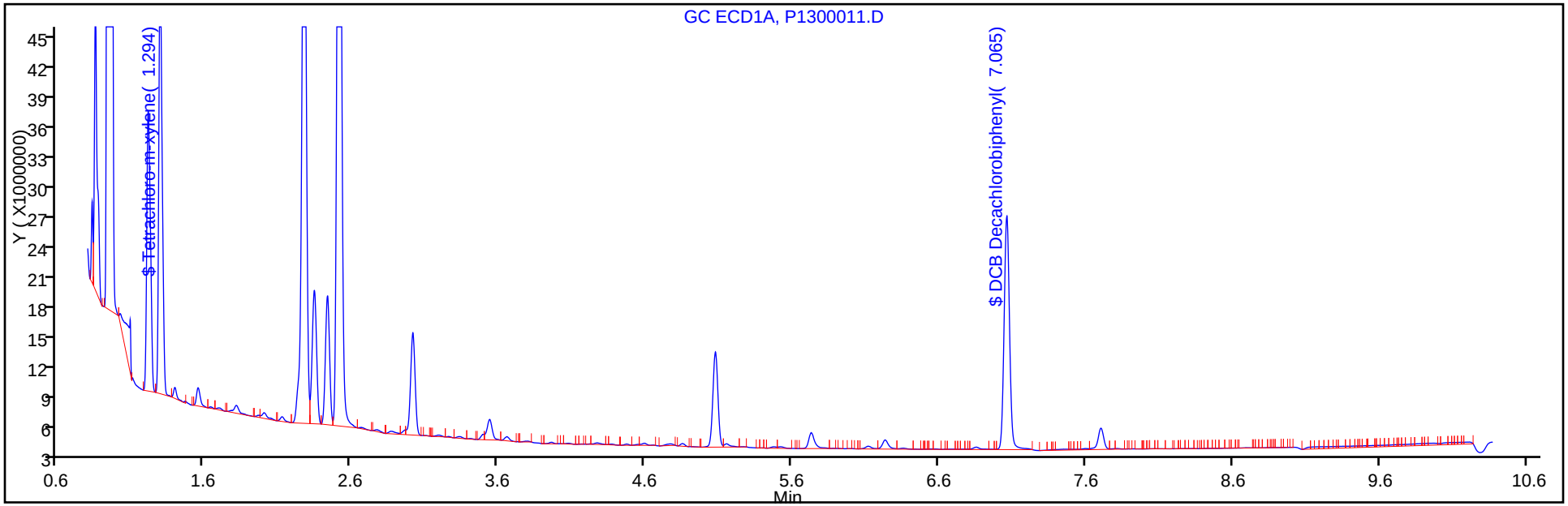
Report Date: 19-Nov-2012 11:08:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

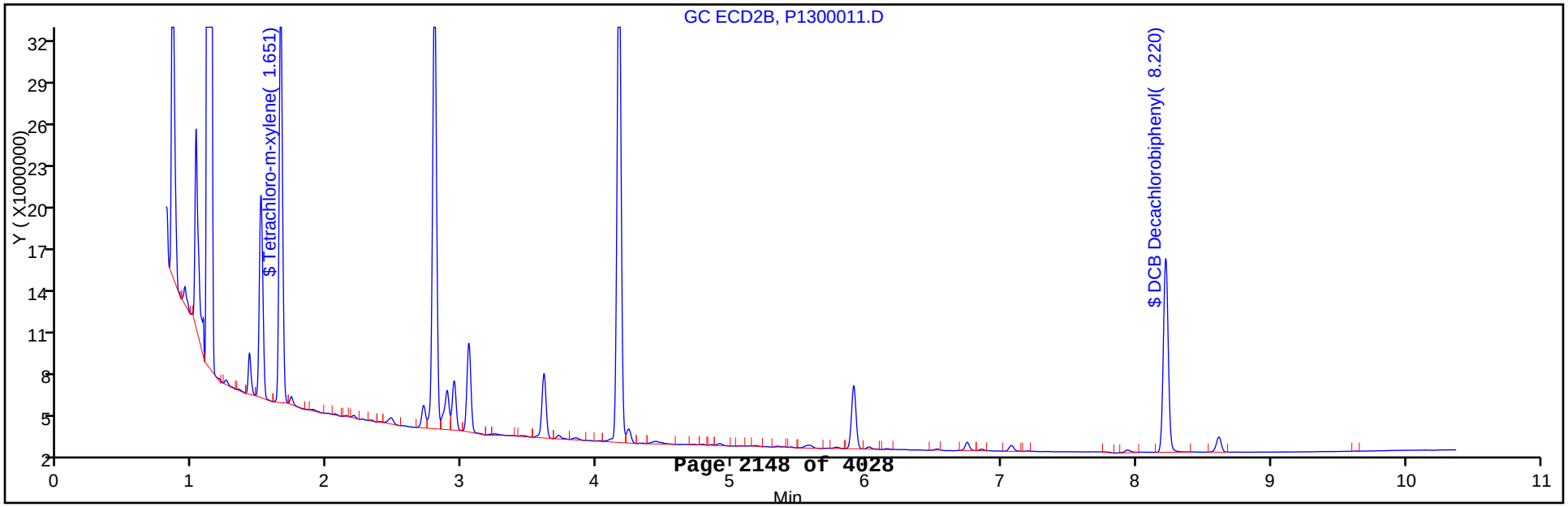
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Injection Date:	18-Nov-2012 16:13:12	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0013-0001-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0013-0001-SW | Lab Sample ID: 240-17422-13

Matrix: Water | Lab File ID: P1300011.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 14:30

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) | Date Analyzed: 11/18/2012 16:13

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.12
12674-11-2	Aroclor-1016	0.19	U	0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.095
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	0.19	U	0.48	0.19	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		40-140
2051-24-3	DCB Decachlorobiphenyl	65		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300011.D
Lims ID: 240-17422-G-13-A
Client ID: 076SW-0013-0001-SW
Inject. Date: 18-Nov-2012 16:13:12
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015025-011
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 11
Lims Batch ID: 65363
Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl
Date: 19-Nov-2012 11:04:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.294	0.000	69301963	0.0304			
2	2	1.651	1.650	0.001	50629087	0.0352			
						RPD = 14.86			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.063	0.002	59706469	0.0256			
2	2	8.220	8.219	0.001	35107742	0.0261			
						RPD = 1.90			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

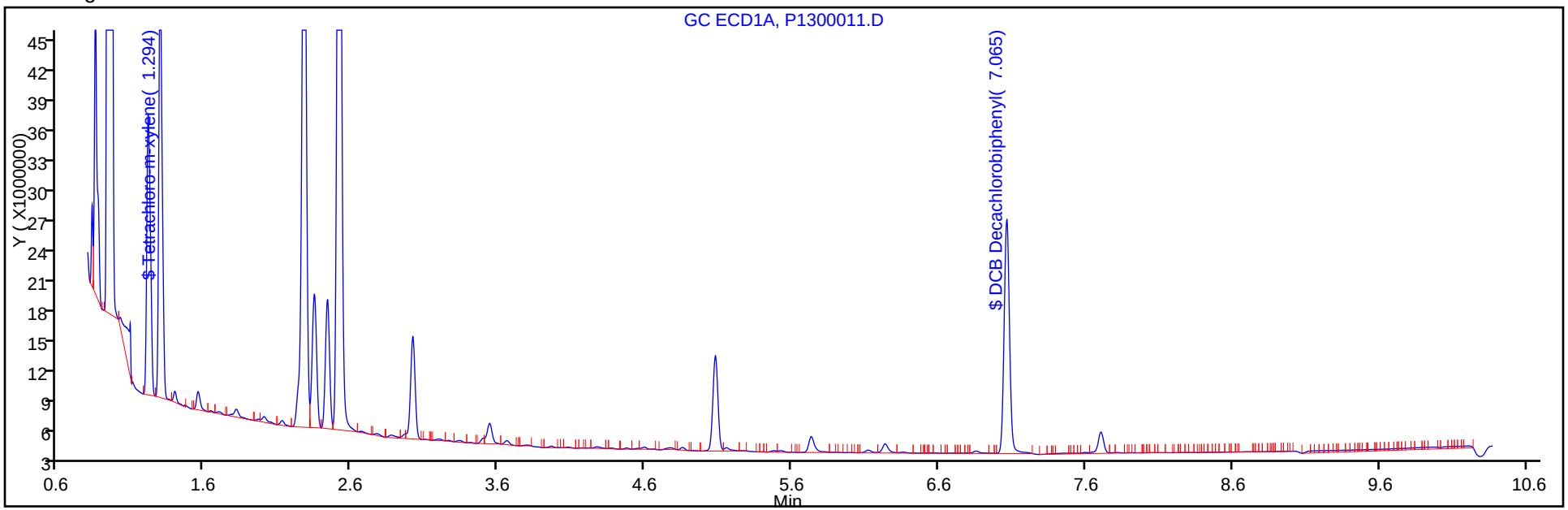
Report Date: 19-Nov-2012 11:08:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

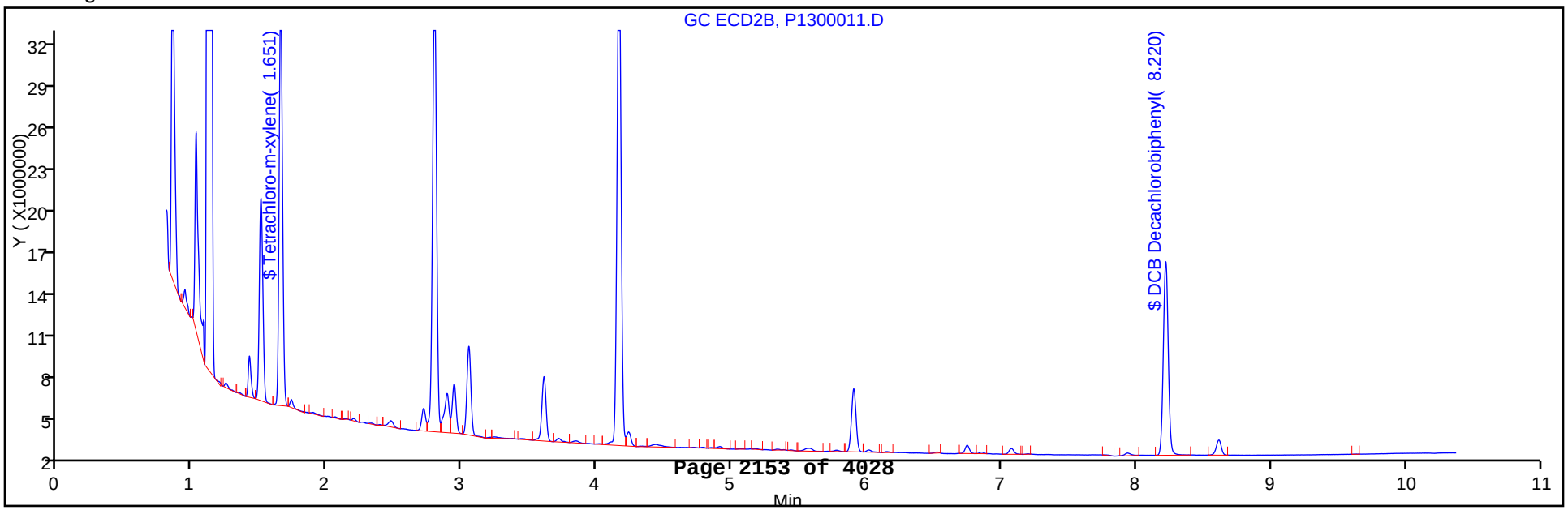
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Injection Date:	18-Nov-2012 16:13:12	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0013-0001-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0014-0001-SW Lab Sample ID: 240-17422-14

Matrix: Water Lab File ID: P1300014.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 14:30

Extraction Method: 3520C Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1040(mL) Date Analyzed: 11/18/2012 16:57

Con. Extract Vol.: 5.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	58		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300014.D		
Lims ID:	240-17422-C-14-A	Client ID:	076SW-0014-0001-SW
Inject. Date:	18-Nov-2012 16:57:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015025-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	14
Lims Batch ID:	65363	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:45	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.294	-0.003	70928159	0.0311			
2	2	1.648	1.650	-0.002	51544435	0.0359			
						RPD = 14.34			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	54566529	0.0234			
2	2	8.219	8.219	0.000	32450985	0.0241			
						RPD = 3.04			

QC Flag Legend

Processing Flags
1 - Missing Peaks

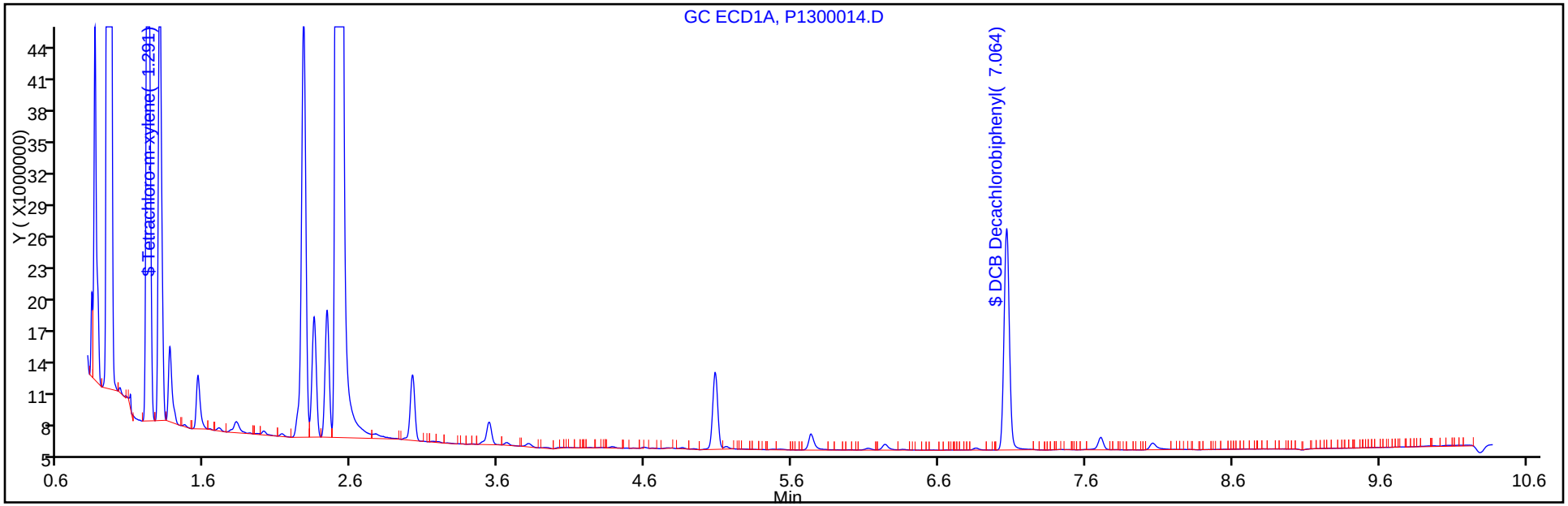
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TestAmerica Canton

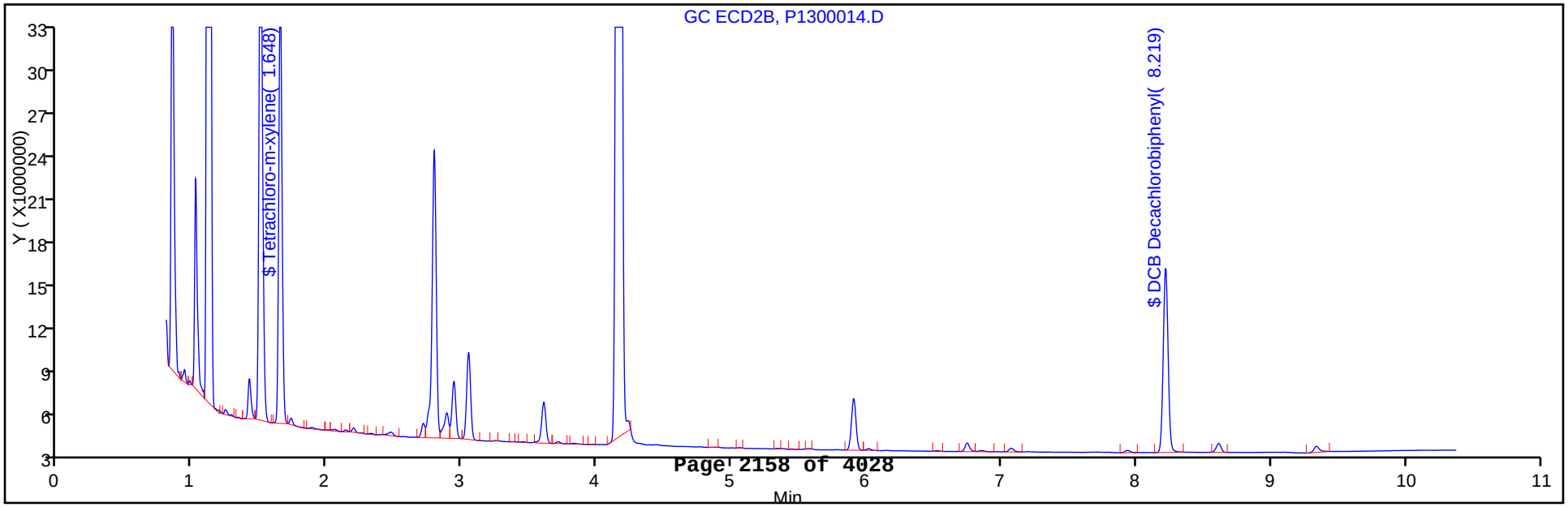
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300014.D

Injection Date:	18-Nov-2012 16:57:58	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0014-0001-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0014-0001-SW | Lab Sample ID: 240-17422-14

Matrix: Water | Lab File ID: P1300014.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 14:30

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1040(mL) | Date Analyzed: 11/18/2012 16:57

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.13
12674-11-2	Aroclor-1016	0.19	U	0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.096
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	0.19	U	0.48	0.19	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		40-140
2051-24-3	DCB Decachlorobiphenyl	60		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300014.D		
Lims ID:	240-17422-C-14-A	Client ID:	076SW-0014-0001-SW
Inject. Date:	18-Nov-2012 16:57:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015025-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	14
Lims Batch ID:	65363	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:45	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.294	-0.003	70928159	0.0311			
2	2	1.648	1.650	-0.002	51544435	0.0359			
						RPD = 14.34			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	54566529	0.0234			
2	2	8.219	8.219	0.000	32450985	0.0241			
						RPD = 3.04			

QC Flag Legend

Processing Flags
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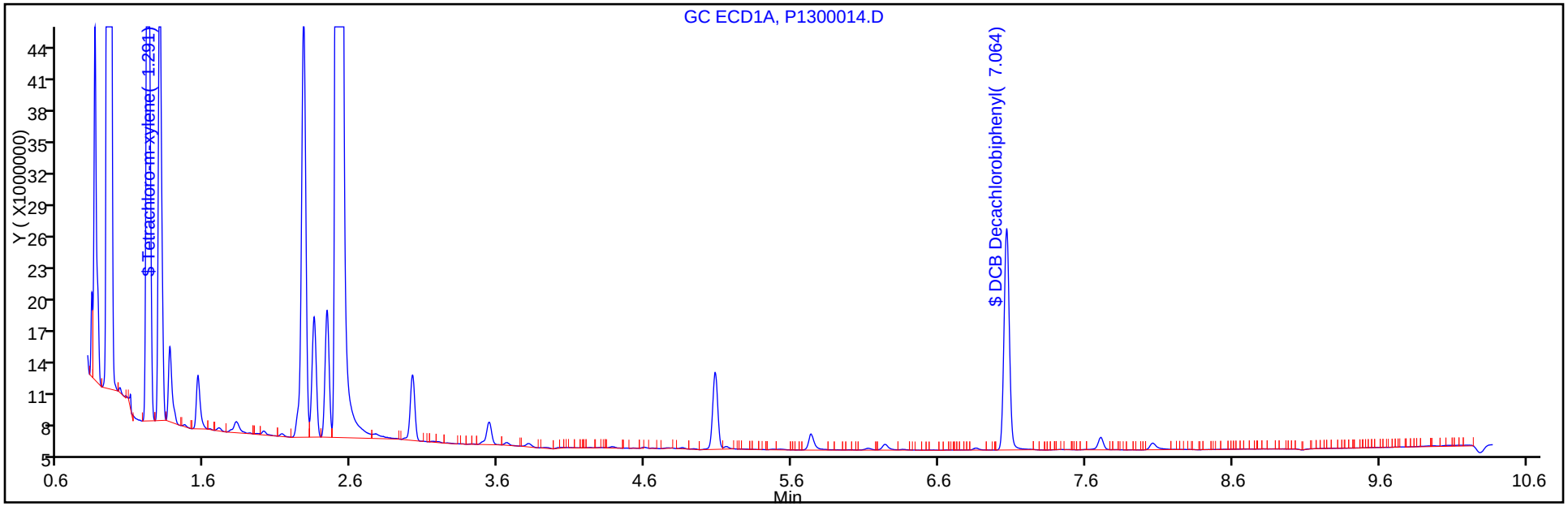
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TestAmerica Canton

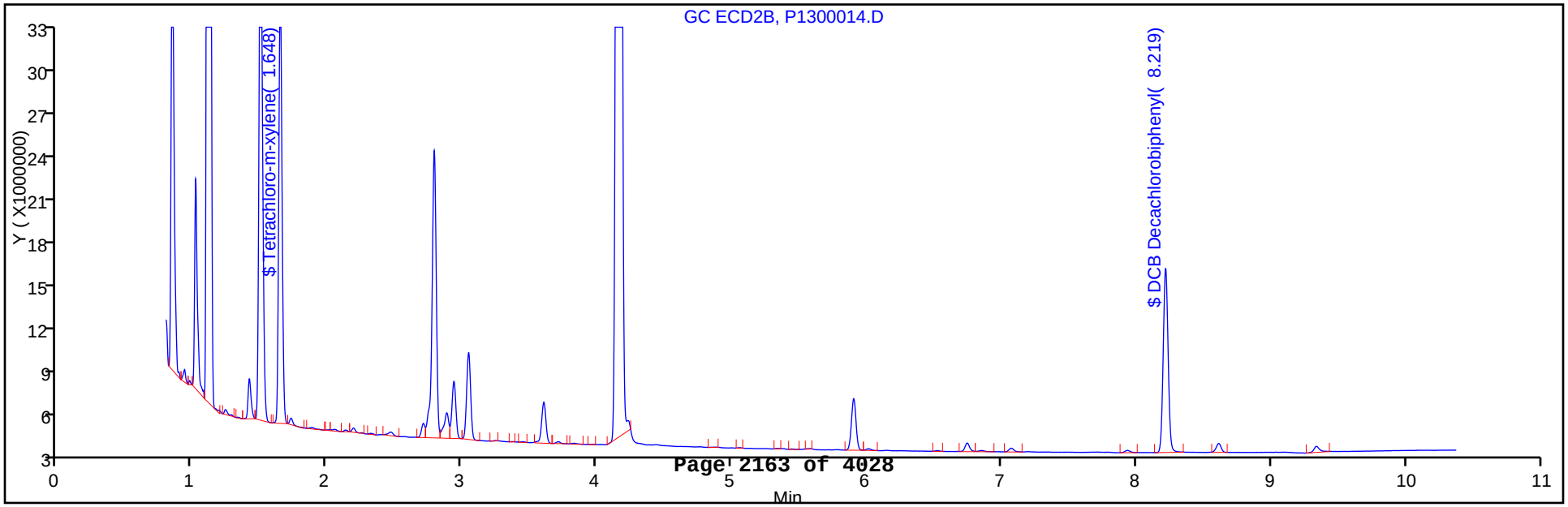
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Injection Date:	18-Nov-2012 16:57:58	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0014-0001-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0015-0001-SW Lab Sample ID: 240-17422-15

Matrix: Water Lab File ID: P1300015.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 15:00

Extraction Method: 3520C Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) Date Analyzed: 11/18/2012 17:12

Con. Extract Vol.: 5.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	52		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300015.D		
Lims ID:	240-17422-B-15-A	Client ID:	076SW-0015-0001-SW
Inject. Date:	18-Nov-2012 17:12:52	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015025-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	15
Lims Batch ID:	65363	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:45	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.295	1.294	0.001	68209707	0.0299			
2	2	1.652	1.650	0.002	51789055	0.0360			
						RPD = 18.69			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									1
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4	PCB-1232								1
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7	PCB-1248								1
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8	PCB-1254								1
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	48237342	0.0207			
2	2	8.219	8.219	0.000	27570145	0.0205			
						RPD = 0.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

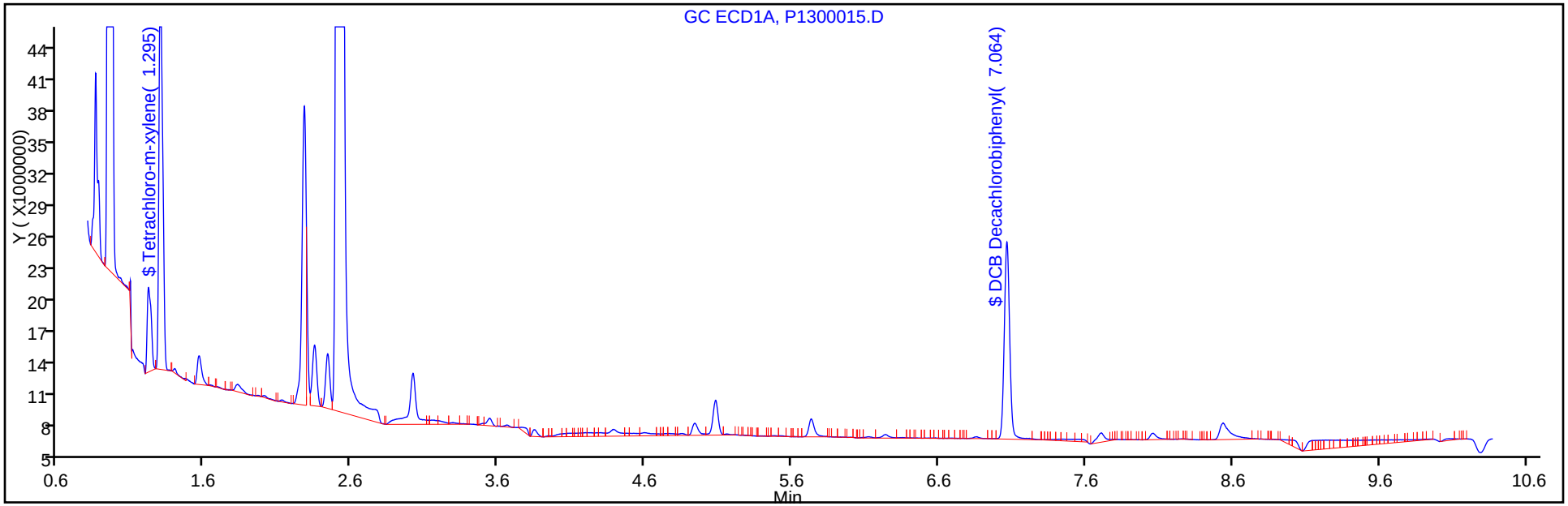
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TestAmerica Canton

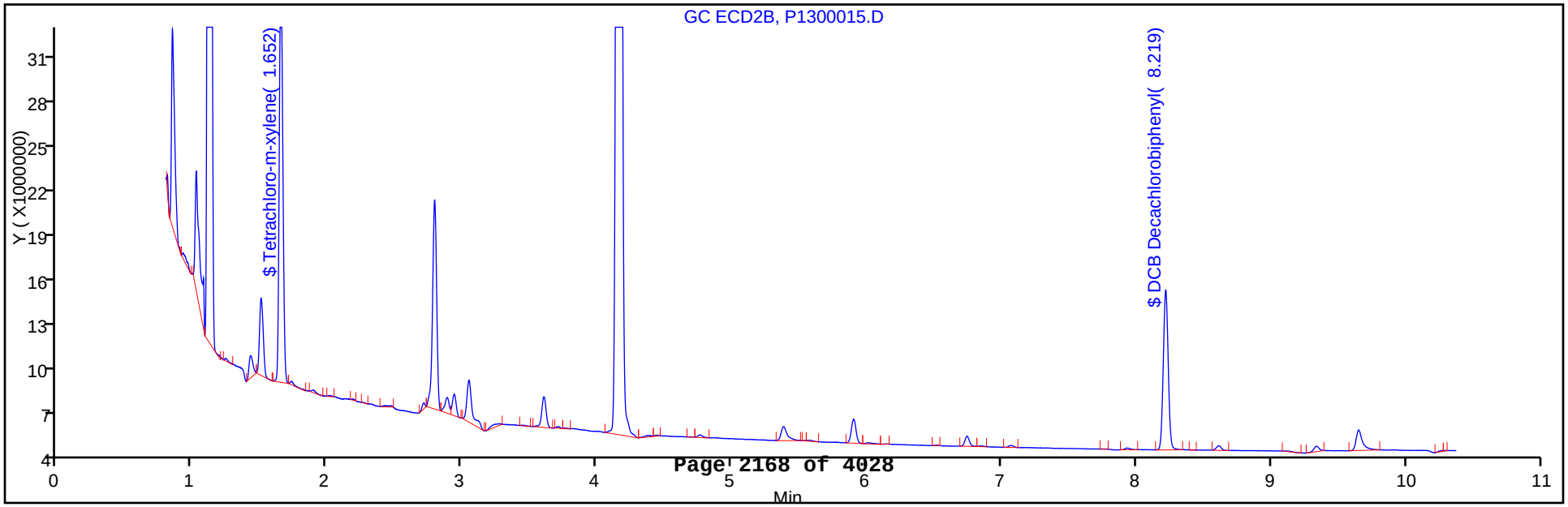
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Injection Date:	18-Nov-2012 17:12:52	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0015-0001-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17422-1

SDG No.:

Client Sample ID: 076SW-0015-0001-SW | Lab Sample ID: 240-17422-15

Matrix: Water | Lab File ID: P1300015.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 15:00

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) | Date Analyzed: 11/18/2012 17:12

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.12
12674-11-2	Aroclor-1016	0.19	U	0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.095
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	0.19	U	0.48	0.19	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		40-140
2051-24-3	DCB Decachlorobiphenyl	51		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300015.D
Lims ID: 240-17422-B-15-A
Client ID: 076SW-0015-0001-SW
Inject. Date: 18-Nov-2012 17:12:52
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015025-015
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 15
Lims Batch ID: 65363
Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl
Date: 19-Nov-2012 11:05:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.295	1.294	0.001	68209707	0.0299			
2	2	1.652	1.650	0.002	51789055	0.0360			
						RPD = 18.69			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									1
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5	PCB-1242								
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4	PCB-1232								1
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7	PCB-1248								1
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8	PCB-1254								1
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	48237342	0.0207			
2	2	8.219	8.219	0.000	27570145	0.0205			
						RPD = 0.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

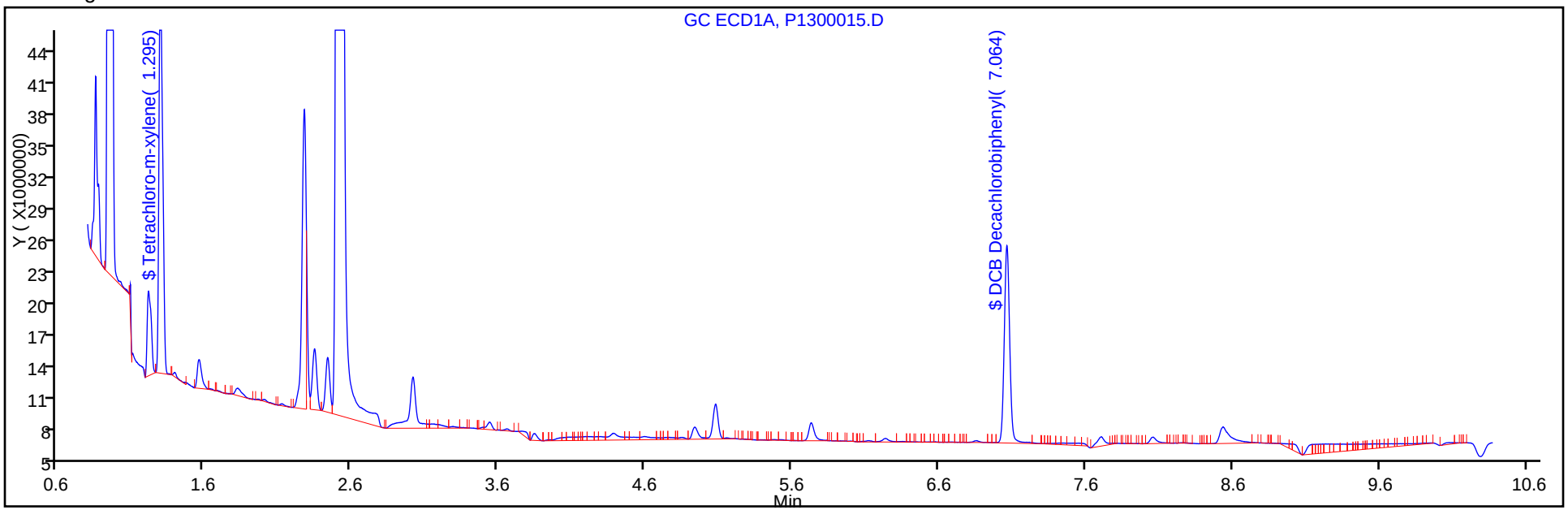
Report Date: 19-Nov-2012 11:08:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300015.D

Injection Date:	18-Nov-2012 17:12:52	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0015-0001-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value

