TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-17467-1

Job Description: RVAAP - ECC

For:
Environmental Chemical Corp.
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Attention: Mr. Jackson Kiker



Approved for release.
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Project Manager II
12/21/2012 2:59 PM

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12/21/2012

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-17467-1

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 11/09/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 5.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) 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 11/15/2012.

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. Refer to the QC report for details.

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

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria high for 075SD-0002-0001-SDMS (240-17467-2MS). Refer to the QC report for details.

Internal standard (ISTD) response for the following sample was outside control limits: 075SD-0002-0002-SD (240-17467-2 MS). The sample was re-analyzed with concurring results. The original set of data has been reported.

Surrogate recovery for the following sample was outside control limits: 075SD-0002-0002-SD (240-17467-2 MS). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Sample (240-17467-1) was taken off shelf C205 in the sample receiving refrigerator. If it was opened in another part of the lab it could have been contaminated.

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 075SD-0004-0001-TB (240-17467-3) 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. Refer to the QC report for details.

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.

The method blank for preparation batch 64831 contained Methylene Chloride above the reporting limit (RL). 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.

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/21/2012 and 12/05/2012 and analyzed on 12/03/2012 and 12/11/2012.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-65933/23-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.

1,2-Dichlorobenzene was detected in method blank MB 240-65933/23-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.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MSD of sample 075SD-0002-0001-SDMSD (240-17467-2) in batch 240-68161. 3,3'-Dichlorobenzidine exceeded the rpd limit.

Bis (2-ethylhexyl) phthalate was detected above the reporting limit (RL) in the method blank associated with batch 65933 as well as in the following samples: 075SD-0002-0001-SD (240-17467-2), 075SD-0002-0002-SD (240-17467-2 MS), 075SD-0002-0003-SD (240-17467-2 MSD), 075SD-0003-0001-SD (240-17467-4). All affected samples were re-extracted and re-analyzed outside of holding time. Both sets of data have been reported.

The initial calibration verification (ICV) for analytical batch 68161 exceeded control criteria for some PAH analytes. Since these samples were concerned with bis(2-ethylhexyl) phthalate only no corrective action was required. The data have been qualified and reported.

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

CHLORINATED PESTICIDES

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A DoD. The samples were prepared on 11/20/2012 and analyzed on 11/28/2012.

4,4'-DDE and 4,4'-DDT failed the recovery criteria low for the MS of sample 075SD-0002-0001-SDMS (240-17467-2) in batch 240-66500.

4,4'-DDT failed the recovery criteria low for the MSD of sample 075SD-0002-0001-SDMSD (240-17467-2) in batch 240-66500. Heptachlor epoxide failed the recovery criteria high.

Samples 075SD-0002-0001-SD (240-17467-2)[20X] and 075SD-0003-0001-SD (240-17467-4)[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: 075SD-0002-0001-SD (240-17467-2), 075SD-0003-0001-SD (240-17467-4). 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 075SD-0002-0001-SD (240-17467-2), 075SD-0003-0001-SD (240-17467-4) were non-detects for the affected analyte; therefore the data have been reported.

The closing continuing calibration verification (CCV) associated with batch 66500 recovered above the upper control limit. The samples associated with this CCV075SD-0002-0001-SD (240-17467-2), 075SD-0003-0001-SD (240-17467-4) were non-detects for the affected

analytes; therefore the data have been reported.

The peaks for DDD and Endosulfan II merged on the primary column. The associated samples075SD-0002-0001-SD (240-17467-2), 075SD-0003-0001-SD (240-17467-4) 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.

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

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082 DOD. The samples were prepared on 11/20/2012 and analyzed on 11/27/2012.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 075SD-0002-0001-SD (240-17467-2), 075SD-0002-0002-SD (240-17467-2 MS), 075SD-0002-0003-SD (240-17467-2 MSD), 075SD-0003-0001-SD (240-17467-4). Lot # S65830.

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

NITROGUANIDINE (HPLC)

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for nitroguanidine (HPLC) in accordance with EPA SW-846 Method 8330_Ngu. The samples were prepared on 11/21/2012 and analyzed on 11/29/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 6203 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

EXPLOSIVES

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for explosives in accordance with EPA SW-846 Method 8330B. The samples were prepared on 11/21/2012 and analyzed on 12/01/2012 and 12/04/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 6199 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The continuing calibration verification at the reporting limit (CCVL) for analytical batch 6640exceeded control criteria for p-Nitrotoluene and PETN. 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 at the reporting limit (CCVL) for analytical batch 6640 exceeded control criteria for RDX,Nitrobenzene, 4-Amino-2,6-dinitrotoluene, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, o-Nitrotoluene and p-Nitrotoluene. 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 quality control parameters were within the acceptance limits.

MERCURY

Samples 075SD-0001-0001-SD (240-17467-1), 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for mercury in accordance with EPA SW-846 Method 7471A DOD. The samples were prepared on 11/26/2012 and analyzed on 11/30/2012.

Sample 075SD-0001-0001-SD (240-17467-1)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

NITROCELLULOSE

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for Nitrocellulose in accordance with EPA Method 353.2. The samples were prepared and analyzed on 12/04/2012.

Method(s) 353.2 (NCell): 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 effected 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 075SD-0001-0001-SD (240-17467-1), 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/13/2012.

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.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67070

Lab Sample ID: STD5 240-67070/2 IC Client Sample ID:

Date Analyzed: 12/03/12 11:32 Lab File ID: 21203002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.81	Tailing or Fronting	ulmanm	12/03/12 12:20

Lab Sample ID: STD4 240-67070/3 IC Client Sample ID:

Date Analyzed: 12/03/12 11:57 Lab File ID: 21203003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.81	Poor Chromatography	ulmanm	12/03/12 12:35
N-Nitrosodimethylamine	3.30	Poor Chromatography	ulmanm	12/03/12 12:35
3-Chloropropionitrile	4.22	Poor Chromatography	ulmanm	12/03/12 12:35
Benzoic acid	6.86	Poor Chromatography	ulmanm	12/03/12 12:35
Benzidine	11.05	Poor Chromatography	ulmanm	12/03/12 12:35

Lab Sample ID: STD3 240-67070/4 IC Client Sample ID:

Date Analyzed: 12/03/12 12:23 Lab File ID: 21203004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.30	Poor Chromatography	ulmanm	12/03/12 13:20
Pyridine	3.33	Poor Chromatography	ulmanm	12/03/12 13:20
Ethyl methacrylate	3.88	Poor Chromatography	ulmanm	12/03/12 13:20
3-Chloropropionitrile	4.23	Poor Chromatography	ulmanm	12/03/12 13:20
Benzoic acid	6.84	Poor Chromatography	ulmanm	12/03/12 13:20
Indeno[1,2,3-cd]pyrene	16.39	Poor Chromatography	ulmanm	12/03/12 13:20

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67070

Lab Sample ID: STD2 240-67070/5 IC Client Sample ID:

Date Analyzed: 12/03/12 12:48 Lab File ID: 21203005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pyridine	3.35	Poor Chromatography	ulmanm	12/03/12 13:30
Ethyl methacrylate	3.88	Poor Chromatography	ulmanm	12/03/12 13:30
3-Chloropropionitrile	4.23	Poor Chromatography	ulmanm	12/03/12 13:30
Benzidine	11.05	Poor Chromatography	ulmanm	12/03/12 13:30

Lab Sample ID: STD1 240-67070/6 IC Client Sample ID:

Date Analyzed: 12/03/12 13:13 Lab File ID: 21203006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	14.07	Poor Chromatography	ulmanm	12/03/12 14:05
Indeno[1,2,3-cd]pyrene	16.39	Poor Chromatography	ulmanm	12/03/12 14:05
Dibenz(a,h)anthracene	16.44	Poor Chromatography	ulmanm	12/03/12 14:05
Benzo[g,h,i]perylene	16.87	Poor Chromatography	ulmanm	12/03/12 14:05

Lab Sample ID: MRL 240-67070/13 Client Sample ID:

Date Analyzed: 12/03/12 16:18 Lab File ID: 21203013.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.87	Poor Chromatography	ulmanm	12/04/12 08:06

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/03/12 21:21 Lab File ID: 21203025.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.40	Poor Chromatography	ulmanm	12/04/12 09:15
Dibenz(a,h)anthracene	16.43	Poor Chromatography	ulmanm	12/04/12 09:15

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67070

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/03/12 21:47 Lab File ID: 21203026.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.82	Poor Chromatography	ulmanm	12/04/12 09:21
N-Nitrosodimethylamine	3.31	Poor Chromatography	ulmanm	12/04/12 09:21
Pyridine	3.33	Poor Chromatography	ulmanm	12/04/12 09:21

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67729

Lab Sample ID: CCV 240-67729/2 Client Sample ID:

Date Analyzed: 12/07/12 13:16 Lab File ID: 21207002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.81	Poor Chromatography	ulmanm	12/07/12 13:56

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/07/12 19:08 Lab File ID: 21207016.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.13	Poor Chromatography	ulmanm	12/08/12 11:27
Dibenz(a,h)anthracene	16.16	Poor Chromatography	ulmanm	12/08/12 11:27

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/07/12 19:33 Lab File ID: 21207017.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.94	Poor Chromatography	ulmanm	12/08/12 11:32
Pyridine	2.98	Poor Chromatography	ulmanm	12/08/12 11:32

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68161

Lab Sample ID: STD5 240-68161/2 IC Client Sample ID:

Date Analyzed: 12/11/12 12:10 Lab File ID: 21211002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.86	Tailing or Fronting	ulmanm	12/11/12 12:51
Benzoic acid	6.92	Tailing or Fronting	ulmanm	12/11/12 12:51

Lab Sample ID: STD4 240-68161/3 IC Client Sample ID:

Date Analyzed: 12/11/12 12:35 Lab File ID: 21211003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.35	Wrong Isomer	ulmanm	12/11/12 13:13
3-Chloropropionitrile	4.27	Tailing or Fronting	ulmanm	12/11/12 13:13
Benzoic acid	6.90	Tailing or Fronting	ulmanm	12/11/12 13:13
Benzidine	11.12	Tailing or Fronting	ulmanm	12/11/12 13:13
3,3'-Dimethoxybenzidine	12.50	Tailing or Fronting	ulmanm	12/11/12 13:13

Lab Sample ID: STD3 240-68161/4 IC Client Sample ID:

Date Analyzed: 12/11/12 12:59 Lab File ID: 21211004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.86	Poor Chromatography	ulmanm	12/11/12 13:36
Pyridine	3.40	Poor Chromatography	ulmanm	12/11/12 13:36
N-Nitrosodimethylamine	3.41	Poor Chromatography	ulmanm	12/11/12 13:36
3-Chloropropionitrile	4.29	Poor Chromatography	ulmanm	12/11/12 13:36
Benzoic acid	6.90	Poor Chromatography	ulmanm	12/11/12 13:36
Benzo[g,h,i]perylene	17.02	Poor Chromatography	ulmanm	12/11/12 13:36

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68161

Lab Sample ID: STD2 240-68161/5 IC Client Sample ID:

Date Analyzed: 12/11/12 13:24 Lab File ID: 21211005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.37	Poor Chromatography	ulmanm	12/11/12 14:12
Pyridine	3.41	Poor Chromatography	ulmanm	12/11/12 14:12
Ethyl methacrylate	3.93	Poor Chromatography	ulmanm	12/11/12 14:12
3-Chloropropionitrile	4.28	Poor Chromatography	ulmanm	12/11/12 14:12
Benzo[g,h,i]perylene	17.03	Poor Chromatography	ulmanm	12/11/12 14:16

Lab Sample ID: STD1 240-68161/6 IC Client Sample ID:

Date Analyzed: 12/11/12 13:49 Lab File ID: 21211006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]pyrene	14.70	Poor Chromatography	ulmanm	12/11/12 14:44
Indeno[1,2,3-cd]pyrene	16.54	Poor Chromatography	ulmanm	12/11/12 14:44
Dibenz(a,h)anthracene	16.56	Poor Chromatography	ulmanm	12/11/12 14:44
Benzo[g,h,i]perylene	17.03	Poor Chromatography	ulmanm	12/11/12 14:44

Lab Sample ID: 240-17467-4 RE Client Sample ID: 075SD-0003-0001-SD RE

Date Analyzed: 12/11/12 21:45 Lab File ID: 21211023.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[g,h,i]perylene	17.03	Poor Chromatography	ulmanm	12/12/12 08:37

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68161

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/11/12 22:35 Lab File ID: 21211025.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	14.21	Poor Chromatography	ulmanm	12/12/12 08:43
Indeno[1,2,3-cd]pyrene	16.52	Poor Chromatography	ulmanm	12/12/12 08:43
Dibenz(a,h)anthracene	16.55	Poor Chromatography	ulmanm	12/12/12 08:43
Benzo[g,h,i]perylene	17.01	Poor Chromatography	ulmanm	12/12/12 08:43

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/11/12 22:59 Lab File ID: 21211026.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.88	Poor Chromatography	ulmanm	12/12/12 08:47
N-Nitrosodimethylamine	3.36	Poor Chromatography	ulmanm	12/12/12 08:47
Pyridine	3.39	Poor Chromatography	ulmanm	12/12/12 08:47

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

Lab Sample ID: 240-17467-2 Client Sample ID: 075SD-0002-0001-SD

Date Analyzed: 11/28/12 16:04 Lab File ID: P9112732.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDD	9.26	Baseline Event	vandorenc	12/04/12 07:09

Lab Sample ID: 240-17467-2 Client Sample ID: 075SD-0002-0001-SD

Date Analyzed: 11/28/12 16:04 Lab File ID: P9112732.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha-Chlordane	9.34	Baseline Event	vandorenc	11/29/12 10:43
4,4'-DDE	9.79	Baseline Event	vandorenc	11/29/12 10:43

Lab Sample ID: 240-17467-2 MS Client Sample ID: 075SD-0002-0001-SD MS

Date Analyzed: 11/28/12 16:31 Lab File ID: P9112733.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
beta-BHC	5.73	Baseline Event	vandorenc	11/29/12 10:45

Lab Sample ID: CCV 240-66500/41 Client Sample ID:

Date Analyzed: 11/28/12 20:15 Lab File ID: P9112741.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
gamma-Chlordane	7.28	Baseline Event	vandorenc	11/29/12 10:11

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 66500

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 66323

Lab Sample ID: CCV 240-66323/4 CCVRT Client Sample ID:

Date Analyzed: 11/27/12 02:21 Lab File ID: P1300004.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	0.00	Baseline Event	hassl	11/27/12 09:50
PCB-1016 Peak 2	1.90	Baseline Event	hassl	11/27/12 09:50
PCB-1016 Peak 3	2.33	Baseline Event	hassl	11/27/12 09:50
PCB-1016 Peak 4	2.46	Baseline Event	hassl	11/27/12 09:50
PCB-1016 Peak 5	2.87	Baseline Event	hassl	11/27/12 09:50

Lab Sample ID: 240-17467-2 MS Client Sample ID: 075SD-0002-0001-SD MS

Date Analyzed: 11/27/12 04:21 Lab File ID: P1300012.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	11/27/12 09:48
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/27/12 09:48
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/27/12 09:48
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/27/12 09:48
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/27/12 09:48

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 66323

Lab Sample ID: 240-17467-2 MSD Client Sample ID: 075SD-0002-0001-SD MSD

Date Analyzed: 11/27/12 04:36 Lab File ID: P1300013.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	11/27/12 09:47
PCB-1016 Peak 2	1.90	Baseline Event	hassl	11/27/12 09:47
PCB-1016 Peak 3	2.33	Baseline Event	hassl	11/27/12 09:47
PCB-1016 Peak 4	2.46	Baseline Event	hassl	11/27/12 09:47
PCB-1016 Peak 5	2.87	Baseline Event	hassl	11/27/12 09:47
PCB-1260 Peak 1	4.17	Baseline Event	hassl	11/27/12 09:47
PCB-1260 Peak 2	4.48	Baseline Event	hassl	11/27/12 09:47
PCB-1260 Peak 3	4.77	Baseline Event	hassl	11/27/12 09:47
PCB-1260 Peak 4	5.53	Baseline Event	hassl	11/27/12 09:47
PCB-1260 Peak 5	5.83	Baseline Event	hassl	11/27/12 09:47

Lab Sample ID: CCV 240-66323/19 Client Sample ID:

Date Analyzed: 11/27/12 06:05 Lab File ID: P1300019.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	11/27/12 09:44
PCB-1016 Peak 2	1.90	Baseline Event	hassl	11/27/12 09:44
PCB-1016 Peak 3	2.33	Baseline Event	hassl	11/27/12 09:44
PCB-1016 Peak 4	2.46	Baseline Event	hassl	11/27/12 09:44
PCB-1016 Peak 5	2.87	Baseline Event	hassl	11/27/12 09:44
PCB-1260 Peak 1	4.17	Baseline Event	hassl	11/27/12 09:44
PCB-1260 Peak 2	4.48	Baseline Event	hassl	11/27/12 09:44
PCB-1260 Peak 3	4.78	Baseline Event	hassl	11/27/12 09:44
PCB-1260 Peak 4	5.53	Baseline Event	hassl	11/27/12 09:44
PCB-1260 Peak 5	5.83	Baseline Event	hassl	11/27/12 09:44

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 66323

Lab Sample ID: LCS 240-65753/24-A Client Sample ID:

Date Analyzed: 11/27/12 08:35 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	11/27/12 09:40
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/27/12 09:40
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/27/12 09:40
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/27/12 09:40
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/27/12 09:40

Lab Sample ID: CCV 240-66323/30 Client Sample ID:

Date Analyzed: 11/27/12 08:49 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	11/27/12 09:53
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/27/12 09:53
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/27/12 09:53
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/27/12 09:53
PCB-1016 Peak 5	2.88	Split Peak	hassl	11/27/12 09:53

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17467-1

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.: 240-17467-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 6640

Lab Sample ID: LCS 320-6199/2-A Client Sample ID:

Date Analyzed: 12/01/12 07:11 Lab File ID: ZD000032.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Dinitrobenzene	12.52	Baseline	noonanr	12/03/12 08:54
Tetryl	13.69	Baseline	noonanr	12/03/12 08:54
Nitrobenzene	14.27	Baseline	noonanr	12/03/12 08:54
2,4,6-Trinitrotoluene	15.79	Baseline	noonanr	12/03/12 08:54
4-Amino-2,6-dinitrotoluene	16.32	Baseline	noonanr	12/03/12 08:54
3,4-Dinitrotoluene	16.76	Baseline	noonanr	12/03/12 08:54
2-Amino-4,6-dinitrotoluene	17.28	Baseline	noonanr	12/03/12 08:54
2,6-Dinitrotoluene	18.89	Baseline	noonanr	12/03/12 08:54
2,4-Dinitrotoluene	19.53	Baseline	noonanr	12/03/12 08:54

Lab Sample ID: 240-17467-2 MS Client Sample ID: 075SD-0002-0001-SD MS

Date Analyzed: 12/01/12 08:32 Lab File ID: ZD000034.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Nitrotoluene	22.88	Incomplete Integration	noonanr	12/03/12 08:58

Lab Sample ID: 240-17467-2 MSD Client Sample ID: 075SD-0002-0001-SD MSD

Date Analyzed: 12/01/12 09:12 Lab File ID: ZD000035.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,6-Dinitrotoluene	18.91	Incomplete Integration	noonanr	12/03/12 08:59

Lab Sample ID: STD05 320-6640/37 CCVRT Client Sample ID:

Date Analyzed: 12/01/12 10:32 Lab File ID: ZD000037.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.72	Baseline	noonanr	12/03/12 09:00

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17467-1

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.: 240-17467-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 6840

Lab Sample ID: 240-17467-2 Client Sample ID: 075SD-0002-0001-SD

Date Analyzed: 12/04/12 18:02 Lab File ID: D000007.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetryl	45.24	Sample matrix interference	noonanr	12/05/12 08:38

Lab Sample ID: 240-17467-4 Client Sample ID: 075SD-0003-0001-SD

Date Analyzed: 12/04/12 19:07 Lab File ID: D000008.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetryl	45.56	Baseline	noonanr	12/05/12 08:39

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-17467-1	075SD-0001-0001-SD	Solid	11/09/2012 1415	11/09/2012 1556
240-17467-2	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-2MS	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-2MSD	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-2DU	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-3	075SD-0004-0001-TB	Water	11/09/2012 0800	11/09/2012 1556
240-17467-4	075SD-0003-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17467-1	**075SD-0001-0001-SD**					
Hg		7.2	D	0.86	mg/Kg	7471/DOD
Percent Solids		58		0.10	%	Moisture
Percent Moisture		42		0.10	%	Moisture
240-17467-2	**075SD-0002-0001-SD**					
2-Hexanone		1.6	J	31	ug/Kg	8260B/DoD
Carbon disulfide		1.3	J	7.6	ug/Kg	8260B/DoD
Styrene		0.31	J	7.6	ug/Kg	8260B/DoD
Acenaphthene		19		11	ug/Kg	8270C/DoD
Acenaphthylene		13		11	ug/Kg	8270C/DoD
Anthracene		57		11	ug/Kg	8270C/DoD
Benzo[a]anthracene		230		11	ug/Kg	8270C/DoD
Benzo[a]pyrene		250		11	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		360		11	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		120	J	11	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		140		11	ug/Kg	8270C/DoD
Carbazole		44	J	80	ug/Kg	8270C/DoD
Chrysene		270		11	ug/Kg	8270C/DoD
Dibenzofuran		17	J	80	ug/Kg	8270C/DoD
1,4-Dichlorobenzene		50	J	80	ug/Kg	8270C/DoD
1,2-Dichlorobenzene		140		80	ug/Kg	8270C/DoD
Fluoranthene		510		11	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		120		11	ug/Kg	8270C/DoD
2-Methylnaphthalene		18		11	ug/Kg	8270C/DoD
Naphthalene		18		11	ug/Kg	8270C/DoD
Phenanthrene		260		11	ug/Kg	8270C/DoD
Pyrene		390		11	ug/Kg	8270C/DoD
4,4'-DDE		13	J D M	54	ug/Kg	8081/DOD
4,4'-DDT		29	J D	64	ug/Kg	8081/DOD
Hg		0.47	J	0.15	mg/Kg	7471/DOD
Percent Solids		63		0.10	%	Moisture
Percent Moisture		37		0.10	%	Moisture
Tetryl		0.029	J	0.25	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17467-4	**075SD-0003-0001-SD**					
4-Methyl-2-pentanone (MIBK)		1.1	J	32	ug/Kg	8260B/DoD
Methylene Chloride		4.1	J	8.0	ug/Kg	8260B/DoD
Styrene		0.32	J	8.0	ug/Kg	8260B/DoD
Acenaphthene		14		10	ug/Kg	8270C/DoD
Acenaphthylene		12		10	ug/Kg	8270C/DoD
Anthracene		33		10	ug/Kg	8270C/DoD
Benzo[a]anthracene		150		10	ug/Kg	8270C/DoD
Benzo[a]pyrene		160		10	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		210		10	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		80		10	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		100		10	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		41	J H	78	ug/Kg	8270C/DoD
Butyl benzyl phthalate		41	J	78	ug/Kg	8270C/DoD
Chrysene		160		10	ug/Kg	8270C/DoD
Dibenzofuran		15	J	78	ug/Kg	8270C/DoD
1,2-Dichlorobenzene		33	J	78	ug/Kg	8270C/DoD
Fluoranthene		310		10	ug/Kg	8270C/DoD
Fluorene		17		10	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		77		10	ug/Kg	8270C/DoD
2-Methylnaphthalene		15		10	ug/Kg	8270C/DoD
Naphthalene		12		10	ug/Kg	8270C/DoD
Phenanthrene		140		10	ug/Kg	8270C/DoD
Pyrene		240		10	ug/Kg	8270C/DoD
Hg		1.1		0.16	mg/Kg	7471/DOD
Percent Solids		63		0.10	%	Moisture
Percent Moisture		37		0.10	%	Moisture

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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	
Soxhlet Extraction	TAL NC		SW846 3540C
Organochlorine Pesticides (GC)	TAL NC	SW846 8081/DOD	
Soxhlet Extraction	TAL NC		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Soxhlet Extraction	TAL NC		SW846 3540C
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
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

Lab References:

TAL NC = TestAmerica Canton

TAL WSC = TestAmerica West Sacramento

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: 240-17467-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Lata, Todd	TL
SW846 8260B/DoD	Quayle, Rick	RQ
SW846 8270C/DoD	Ulman, Mark	MU
SW846 8081/DOD	Van Doren, Carolyn	CV
SW846 8082/DOD	Hass, Lori	LH
SW846 7471/DOD	Heakin, David	DH
EPA Moisture	Kuhle, Julie	JK
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: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

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:	149188.D
Dilution:	1.0			Initial Weight/Volume:	5.191 g
Analysis Date:	11/15/2012 1744			Final Weight/Volume:	5 g
Prep Date:	11/09/2012 2015				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.5	U J	0.86	7.6
1,1,2,2-Tetrachloroethane		0.76	U J	0.52	7.6
1,1,2-Trichloroethane		0.76	U	0.60	7.6
1,1-Dichloroethane		0.76	U	0.55	7.6
1,1-Dichloroethene		1.5	U	0.80	7.6
1,2-Dibromoethane		1.5	U	0.76	7.6
1,2-Dichloroethane		0.76	U	0.52	7.6
1,2-Dichloroethene, Total		1.5	U J	1.2	15
1,2-Dichloropropane		1.5	U	1.1	7.6
2-Butanone (MEK)		3.1	U	2.1	31
2-Hexanone		1.6	J	0.96	31
4-Methyl-2-pentanone (MIBK)		1.5	U	0.83	31
Acetone		9.6	U	9.6	31
Benzene		0.76	U	0.35	7.6
Bromochloromethane		1.5	U	1.1	7.6
Bromodichloromethane		0.76	U J	0.43	7.6
Bromoform		0.76	U	0.50	7.6
Bromomethane		1.5	U	0.83	7.6
Carbon disulfide		1.3	J	0.67	7.6
Carbon tetrachloride		0.76	U	0.57	7.6
Chlorobenzene		0.76	U J	0.50	7.6
Chloroethane		1.5	U J	1.3	7.6
Chloroform		0.76	U	0.44	7.6
Chloromethane		0.76	U	0.63	7.6
cis-1,3-Dichloropropene		0.76	U J	0.52	7.6
Dibromochloromethane		1.5	U	0.84	7.6
Ethylbenzene		0.76	U J	0.40	7.6
Methyl tert-butyl ether		0.76	U	0.66	7.6
Methylene Chloride		1.5	U J	1.0	7.6
Styrene		0.31	J	0.23	7.6
Tetrachloroethene		1.5	U J	0.80	7.6
Toluene		0.76	U J	0.41	7.6
trans-1,3-Dichloropropene		1.5	U	0.83	7.6
Trichloroethene		0.76	U	0.64	7.6
Vinyl chloride		0.76	U	0.60	7.6
Xylenes, Total		2.3	U J	1.0	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		61 - 130
4-Bromofluorobenzene (Surr)	98		85 - 120
Dibromofluoromethane (Surr)	82		59 - 138
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0004-0001-TB**

Lab Sample ID: 240-17467-3 Date Sampled: 11/09/2012 0800
Client Matrix: Water Date Received: 11/09/2012 1556

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:	UXX0870.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1443			Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1443				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	105		85 - 120
1,2-Dichloroethane-d4 (Surr)	108		70 - 120
4-Bromofluorobenzene (Surr)	92		75 - 120
Dibromofluoromethane (Surr)	107		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

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:	149191.D
Dilution:	1.0			Initial Weight/Volume:	4.933 g
Analysis Date:	11/15/2012 1848			Final Weight/Volume:	5 g
Prep Date:	11/09/2012 2015				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.6	U	0.90	8.0
1,1,2,2-Tetrachloroethane		0.80	U	0.55	8.0
1,1,2-Trichloroethane		0.80	U	0.63	8.0
1,1-Dichloroethane		0.80	U	0.58	8.0
1,1-Dichloroethene		1.6	U	0.83	8.0
1,2-Dibromoethane		1.6	U	0.80	8.0
1,2-Dichloroethane		0.80	U	0.55	8.0
1,2-Dichloroethene, Total		1.6	U	1.2	16
1,2-Dichloropropane		1.6	U	1.1	8.0
2-Butanone (MEK)		3.2	U	2.2	32
2-Hexanone		1.6	U	1.0	32
4-Methyl-2-pentanone (MIBK)		1.1	J	0.87	32
Acetone		10	U	10	32
Benzene		0.80	U	0.37	8.0
Bromochloromethane		1.6	U	1.1	8.0
Bromodichloromethane		0.80	U	0.45	8.0
Bromoform		0.80	U	0.53	8.0
Bromomethane		1.6	U	0.87	8.0
Carbon disulfide		0.80	U	0.71	8.0
Carbon tetrachloride		0.80	U	0.59	8.0
Chlorobenzene		0.80	U	0.53	8.0
Chloroethane		1.6	U	1.4	8.0
Chloroform		0.80	U	0.47	8.0
Chloromethane		0.80	U	0.66	8.0
cis-1,3-Dichloropropene		0.80	U	0.55	8.0
Dibromochloromethane		1.6	U	0.88	8.0
Ethylbenzene		0.80	U	0.42	8.0
Methyl tert-butyl ether		0.80	U	0.69	8.0
Methylene Chloride		4.1	J	1.1	8.0
Styrene		0.32	J	0.24	8.0
Tetrachloroethene		1.6	U	0.83	8.0
Toluene		0.80	U	0.43	8.0
trans-1,3-Dichloropropene		1.6	U	0.87	8.0
Trichloroethene		0.80	U	0.67	8.0
Vinyl chloride		0.80	U	0.63	8.0
Xylenes, Total		2.4	U	1.1	16

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
4-Bromofluorobenzene (Surr)	101		85 - 120
Dibromofluoromethane (Surr)	86		59 - 138
Toluene-d8 (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65933	Lab File ID:	21203021.D
Dilution:	1.0			Initial Weight/Volume:	29.87 g
Analysis Date:	12/03/2012 1940			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		19		5.3	11
Acenaphthylene		13		5.3	11
Anthracene		57		5.3	11
Benzo[a]anthracene		230		5.3	11
Benzo[a]pyrene		250		5.3	11
Benzo[b]fluoranthene		360		5.3	11
Benzo[g,h,i]perylene		120	J	5.3	11
Benzoic acid		530	U J	530	1100
Benzo[k]fluoranthene		140		5.3	11
Benzyl alcohol		43	U	33	530
Bis(2-chloroethoxy)methane		43	U	35	160
Bis(2-chloroethyl)ether		5.3	U	3.2	160
bis (2-chloroisopropyl) ether		43	U	15	160
4-Bromophenyl phenyl ether		43	U	21	80
Butyl benzyl phthalate		43	U	16	80
Carbazole		44	J	43	80
4-Chloroaniline		43	U	27	240
4-Chloro-3-methylphenol		43	U	33	240
2-Chloronaphthalene		5.3	U	5.3	80
2-Chlorophenol		43	U	43	80
4-Chlorophenyl phenyl ether		43	U	21	80
Chrysene		270		1.8	11
Dibenz(a,h)anthracene		5.3	U	5.3	11
Dibenzofuran		17	J	5.3	80
1,4-Dichlorobenzene		50	J	32	80
1,2-Dichlorobenzene		140		15	80
1,3-Dichlorobenzene		43	U	18	80
3,3'-Dichlorobenzidine		130	U J	29	160
2,4-Dichlorophenol		43	U	32	240
Diethyl phthalate		43	U	26	80
2,4-Dimethylphenol		130	U	32	240
Dimethyl phthalate		43	U	27	80
Di-n-butyl phthalate		43	U	24	80
4,6-Dinitro-2-methylphenol		130	U	130	240
2,4-Dinitrophenol		130	U	130	530
2,4-Dinitrotoluene		43	U	43	320
2,6-Dinitrotoluene		43	U	33	320
Di-n-octyl phthalate		43	U	43	80
Fluoranthene		510		5.3	11
Fluorene		5.3	U	5.3	11
Hexachlorobenzene		5.3	U	3.3	11
Hexachlorobutadiene		43	U	43	80
Hexachlorocyclopentadiene		43	U	43	530
Hexachloroethane		43	U J	14	80
Indeno[1,2,3-cd]pyrene		120		5.3	11
Isophorone		43	U	21	80

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65933	Lab File ID:	21203021.D
Dilution:	1.0			Initial Weight/Volume:	29.87 g
Analysis Date:	12/03/2012 1940			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2-Methylnaphthalene		18		5.3	11
2-Methylphenol		130	U	130	320
3 & 4 Methylphenol		130	U	32	640
Naphthalene		18		5.3	11
2-Nitroaniline		43	U	15	320
3-Nitroaniline		130	U J	26	320
4-Nitroaniline		43	U J	41	320
Nitrobenzene		5.3	U	3.5	160
2-Nitrophenol		43	U	43	80
4-Nitrophenol		130	U	130	530
N-Nitrosodi-n-propylamine		43	U	43	80
N-Nitrosodiphenylamine		43	U	33	80
Pentachlorophenol		130	U	130	240
Phenanthrene		260		5.3	11
Phenol		43	U	43	80
Pyrene		390		5.3	11
1,2,4-Trichlorobenzene		43	U	43	80
2,4,5-Trichlorophenol		43	U	40	240
2,4,6-Trichlorophenol		130	U	130	240

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	55		45 - 105
2-Fluorophenol (Surr)	61		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	64		30 - 125
2,4,6-Tribromophenol (Surr)	57		35 - 125
Phenol-d5 (Surr)	63		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-67436	Lab File ID:	21211020.D
Dilution:	1.0			Initial Weight/Volume:	29.90 g
Analysis Date:	12/11/2012 2030	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		27	H	5.3	11
Acenaphthylene		20	H	5.3	11
Anthracene		77	H	5.3	11
Benzo[a]anthracene		140	H	5.3	11
Benzo[a]pyrene		160	H	5.3	11
Benzo[b]fluoranthene		200	H	5.3	11
Benzo[g,h,i]perylene		85	H	5.3	11
Benzoic acid		530	U H J	530	1100
Benzo[k]fluoranthene		83	H	5.3	11
Benzyl alcohol		43	U H	33	530
Bis(2-chloroethoxy)methane		43	U H	35	160
Bis(2-chloroethyl)ether		5.3	U H	3.2	160
bis (2-chloroisopropyl) ether		43	U H J	15	160
Bis(2-ethylhexyl) phthalate		43	U H	30	80
4-Bromophenyl phenyl ether		43	U H	21	80
Butyl benzyl phthalate		43	U H	16	80
Carbazole		50	J H	43	80
4-Chloroaniline		43	U H	27	240
4-Chloro-3-methylphenol		43	U H	33	240
2-Chloronaphthalene		5.3	U H	5.3	80
2-Chlorophenol		43	U H	43	80
4-Chlorophenyl phenyl ether		43	U H	21	80
Chrysene		160	H	1.8	11
Dibenz(a,h)anthracene		22	H	5.3	11
Dibenzofuran		39	J H	5.3	80
1,4-Dichlorobenzene		43	U H	32	80
1,2-Dichlorobenzene		43	U H	15	80
1,3-Dichlorobenzene		43	U H	18	80
3,3'-Dichlorobenzidine		130	U H J	29	160
2,4-Dichlorophenol		43	U H	32	240
Diethyl phthalate		43	U H	25	80
2,4-Dimethylphenol		130	U H	32	240
Dimethyl phthalate		43	U H	27	80
Di-n-butyl phthalate		43	U H	24	80
4,6-Dinitro-2-methylphenol		130	U H	130	240
2,4-Dinitrophenol		130	U H	130	530
2,4-Dinitrotoluene		43	U H	43	320
2,6-Dinitrotoluene		43	U H	33	320
Di-n-octyl phthalate		43	U H	43	80
Fluoranthene		390	H	5.3	11
Fluorene		54	H	5.3	11
Hexachlorobenzene		5.3	U H	3.3	11
Hexachlorobutadiene		43	U H	43	80
Hexachlorocyclopentadiene		43	U H	43	530
Hexachloroethane		43	U H J	14	80
Indeno[1,2,3-cd]pyrene		74	H	5.3	11

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-67436	Lab File ID:	21211020.D
Dilution:	1.0			Initial Weight/Volume:	29.90 g
Analysis Date:	12/11/2012 2030	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		43	U H	21	80
2-Methylnaphthalene		24	H	5.3	11
2-Methylphenol		130	U H	130	320
3 & 4 Methylphenol		130	U H	32	640
Naphthalene		41	H	5.3	11
2-Nitroaniline		43	U H	14	320
3-Nitroaniline		130	U H J	25	320
4-Nitroaniline		43	U H J	41	320
Nitrobenzene		5.3	U H J	3.5	160
2-Nitrophenol		43	U H	43	80
4-Nitrophenol		130	U H	130	530
N-Nitrosodi-n-propylamine		43	U H	43	80
N-Nitrosodiphenylamine		43	U H	33	80
Pentachlorophenol		130	U H	130	240
Phenanthrene		330	H	5.3	11
Phenol		43	U H	43	80
Pyrene		280	H	5.3	11
1,2,4-Trichlorobenzene		43	U H	43	80
2,4,5-Trichlorophenol		43	U H	40	240
2,4,6-Trichlorophenol		130	U H	130	240

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	48		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	52		35 - 100
Terphenyl-d14 (Surr)	71		30 - 125
2,4,6-Tribromophenol (Surr)	73		35 - 125
Phenol-d5 (Surr)	62		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65933	Lab File ID:	21203020.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Analysis Date:	12/03/2012 1915			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		14		5.2	10
Acenaphthylene		12		5.2	10
Anthracene		33		5.2	10
Benzo[a]anthracene		150		5.2	10
Benzo[a]pyrene		160		5.2	10
Benzo[b]fluoranthene		210		5.2	10
Benzo[g,h,i]perylene		80		5.2	10
Benzoic acid		520	U	520	1000
Benzo[k]fluoranthene		100		5.2	10
Benzyl alcohol		42	U	33	520
Bis(2-chloroethoxy)methane		42	U	34	160
Bis(2-chloroethyl)ether		5.2	U	3.1	160
bis (2-chloroisopropyl) ether		42	U	15	160
4-Bromophenyl phenyl ether		42	U	20	78
Butyl benzyl phthalate		41	J	16	78
Carbazole		42	U	42	78
4-Chloroaniline		42	U	27	240
4-Chloro-3-methylphenol		42	U	33	240
2-Chloronaphthalene		5.2	U	5.2	78
2-Chlorophenol		42	U	42	78
4-Chlorophenyl phenyl ether		42	U	20	78
Chrysene		160		1.7	10
Dibenz(a,h)anthracene		5.2	U	5.2	10
Dibenzofuran		15	J	5.2	78
1,4-Dichlorobenzene		42	U	31	78
1,2-Dichlorobenzene		33	J	15	78
1,3-Dichlorobenzene		42	U	17	78
3,3'-Dichlorobenzidine		130	U	28	160
2,4-Dichlorophenol		42	U	31	240
Diethyl phthalate		42	U	25	78
2,4-Dimethylphenol		130	U	31	240
Dimethyl phthalate		42	U	27	78
Di-n-butyl phthalate		42	U	24	78
4,6-Dinitro-2-methylphenol		130	U	130	240
2,4-Dinitrophenol		130	U	130	520
2,4-Dinitrotoluene		42	U	42	310
2,6-Dinitrotoluene		42	U	33	310
Di-n-octyl phthalate		42	U	42	78
Fluoranthene		310		5.2	10
Fluorene		17		5.2	10
Hexachlorobenzene		5.2	U	3.3	10
Hexachlorobutadiene		42	U	42	78
Hexachlorocyclopentadiene		42	U	42	520
Hexachloroethane		42	U	14	78
Indeno[1,2,3-cd]pyrene		77		5.2	10
Isophorone		42	U	20	78

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65933	Lab File ID:	21203020.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Analysis Date:	12/03/2012 1915			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2-Methylnaphthalene		15		5.2	10
2-Methylphenol		130	U	130	310
3 & 4 Methylphenol		130	U	31	630
Naphthalene		12		5.2	10
2-Nitroaniline		42	U	14	310
3-Nitroaniline		130	U	25	310
4-Nitroaniline		42	U	41	310
Nitrobenzene		5.2	U	3.4	160
2-Nitrophenol		42	U	42	78
4-Nitrophenol		130	U	130	520
N-Nitrosodi-n-propylamine		42	U	42	78
N-Nitrosodiphenylamine		42	U	33	78
Pentachlorophenol		130	U	130	240
Phenanthrene		140		5.2	10
Phenol		42	U	42	78
Pyrene		240		5.2	10
1,2,4-Trichlorobenzene		42	U	42	78
2,4,5-Trichlorophenol		42	U	39	240
2,4,6-Trichlorophenol		130	U	130	240

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	54		45 - 105
2-Fluorophenol (Surr)	62		35 - 105
Nitrobenzene-d5 (Surr)	58		35 - 100
Terphenyl-d14 (Surr)	67		30 - 125
2,4,6-Tribromophenol (Surr)	66		35 - 125
Phenol-d5 (Surr)	65		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-67436	Lab File ID:	21211023.D
Dilution:	1.0			Initial Weight/Volume:	30.44 g
Analysis Date:	12/11/2012 2145	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		14	H	5.2	10
Acenaphthylene		10	H	5.2	10
Anthracene		42	H	5.2	10
Benzo[a]anthracene		160	H	5.2	10
Benzo[a]pyrene		180	H	5.2	10
Benzo[b]fluoranthene		230	H	5.2	10
Benzo[g,h,i]perylene		99	H M	5.2	10
Benzoic acid		520	U H	520	1000
Benzo[k]fluoranthene		100	H	5.2	10
Benzyl alcohol		34	J H	33	520
Bis(2-chloroethoxy)methane		42	U H	34	160
Bis(2-chloroethyl)ether		5.2	U H	3.1	160
bis (2-chloroisopropyl) ether		42	U H	15	160
Bis(2-ethylhexyl) phthalate		41	J H	30	78
4-Bromophenyl phenyl ether		42	U H	20	78
Butyl benzyl phthalate		42	U H	16	78
Carbazole		42	U H	42	78
4-Chloroaniline		42	U H	27	230
4-Chloro-3-methylphenol		42	U H	33	230
2-Chloronaphthalene		5.2	U H	5.2	78
2-Chlorophenol		42	U H	42	78
4-Chlorophenyl phenyl ether		42	U H	20	78
Chrysene		170	H	1.7	10
Dibenz(a,h)anthracene		5.2	U H	5.2	10
Dibenzofuran		5.2	U H	5.2	78
1,4-Dichlorobenzene		42	U H	31	78
1,2-Dichlorobenzene		42	U H	15	78
1,3-Dichlorobenzene		42	U H	17	78
3,3'-Dichlorobenzidine		120	U H	28	160
2,4-Dichlorophenol		42	U H	31	230
Diethyl phthalate		42	U H	25	78
2,4-Dimethylphenol		120	U H	31	230
Dimethyl phthalate		42	U H	27	78
Di-n-butyl phthalate		42	U H	23	78
4,6-Dinitro-2-methylphenol		120	U H	120	230
2,4-Dinitrophenol		120	U H	120	520
2,4-Dinitrotoluene		42	U H	42	310
2,6-Dinitrotoluene		42	U H	33	310
Di-n-octyl phthalate		42	U H	42	78
Fluoranthene		370	H	5.2	10
Fluorene		19	H	5.2	10
Hexachlorobenzene		5.2	U H	3.3	10
Hexachlorobutadiene		42	U H	42	78
Hexachlorocyclopentadiene		42	U H	42	520
Hexachloroethane		42	U H	14	78
Indeno[1,2,3-cd]pyrene		89	H	5.2	10

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-67436	Lab File ID:	21211023.D
Dilution:	1.0			Initial Weight/Volume:	30.44 g
Analysis Date:	12/11/2012 2145	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		42	U H	20	78
2-Methylnaphthalene		16	H	5.2	10
2-Methylphenol		120	U H	120	310
3 & 4 Methylphenol		120	U H	31	620
Naphthalene		16	H	5.2	10
2-Nitroaniline		42	U H	14	310
3-Nitroaniline		120	U H	25	310
4-Nitroaniline		42	U H	41	310
Nitrobenzene		5.2	U H	3.4	160
2-Nitrophenol		42	U H	42	78
4-Nitrophenol		120	U H	120	520
N-Nitrosodi-n-propylamine		42	U H	42	78
N-Nitrosodiphenylamine		42	U H	33	78
Pentachlorophenol		120	U H	120	230
Phenanthrene		190	H	5.2	10
Phenol		42	U H	42	78
Pyrene		270	H	5.2	10
1,2,4-Trichlorobenzene		42	U H	42	78
2,4,5-Trichlorophenol		42	U H	39	230
2,4,6-Trichlorophenol		120	U H	120	230

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		45 - 105
2-Fluorophenol (Surr)	70		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	71		30 - 125
2,4,6-Tribromophenol (Surr)	73		35 - 125
Phenol-d5 (Surr)	77		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65759	Initial Weight/Volume:	29.82 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1604			Injection Volume:	1 uL
Prep Date:	11/20/2012 1121			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		21	U	20	64
4,4'-DDE		13	J D M	12	54
4,4'-DDT		29	J D	20	64
Aldrin		42	U	38	130
alpha-BHC		42	U	23	80
alpha-Chlordane		42	U M	30	96
beta-BHC		42	U	35	110
delta-BHC		42	U	38	130
Dieldrin		21	U	15	54
Endosulfan I		21	U	17	54
Endosulfan II		42	U	26	80
Endosulfan sulfate		42	U	28	96
Endrin		21	U	16	54
Endrin aldehyde		42	U	32	96
Endrin ketone		21	U	20	64
gamma-BHC (Lindane)		42	U	24	80
gamma-Chlordane		21	U	13	54
Heptachlor		42	U	35	110
Heptachlor epoxide		42	U J	26	80
Methoxychlor		110	U	48	160
Toxaphene		640	U	610	2100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		55 - 130
Tetrachloro-m-xylene	111		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65759	Initial Weight/Volume:	29.82 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1604			Injection Volume:	1 uL
Prep Date:	11/20/2012 1121			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	206	Q	55 - 130
Tetrachloro-m-xylene	128	Q	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65759	Initial Weight/Volume:	30.38 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1727			Injection Volume:	1 uL
Prep Date:	11/20/2012 1121			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		10	U	9.7	31
4,4'-DDE		10	U	6.1	27
4,4'-DDT		10	U	9.9	31
Aldrin		21	U	19	63
alpha-BHC		21	U	11	39
alpha-Chlordane		21	U	15	47
beta-BHC		21	U	17	55
delta-BHC		21	U	19	63
Dieldrin		10	U	7.4	27
Endosulfan I		10	U	8.1	27
Endosulfan II		21	U	13	39
Endosulfan sulfate		21	U	14	47
Endrin		10	U	7.8	27
Endrin aldehyde		21	U	16	47
Endrin ketone		10	U	9.9	31
gamma-BHC (Lindane)		21	U	12	39
gamma-Chlordane		10	U	6.6	27
Heptachlor		21	U	17	55
Heptachlor epoxide		21	U	13	39
Methoxychlor		52	U	23	78
Toxaphene		310	U	300	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		55 - 130
Tetrachloro-m-xylene	101		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65759	Initial Weight/Volume:	30.38 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/28/2012 1727			Injection Volume:	1 uL
Prep Date:	11/20/2012 1121			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		55 - 130
Tetrachloro-m-xylene	122		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65753	Initial Weight/Volume:	29.82 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/27/2012 0406			Injection Volume:	1 1/cm
Prep Date:	11/20/2012 1106			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		40	U	26	80
Aroclor-1016		40	U	34	100
Aroclor-1232		40	U	22	72
Aroclor-1242		40	U	21	64
Aroclor-1248		40	U	27	88
Aroclor-1254		40	U	27	88
Aroclor-1260		40	U	27	88

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 140
DCB Decachlorobiphenyl	90		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65753	Initial Weight/Volume:	29.82 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/27/2012 0406			Injection Volume:	1 1/cm
Prep Date:	11/20/2012 1106			Result Type:	SECONDARY

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

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65753	Initial Weight/Volume:	30.38 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/27/2012 0451			Injection Volume:	1 1/cm
Prep Date:	11/20/2012 1106			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		39	U	25	78
Aroclor-1016		39	U	33	100
Aroclor-1232		39	U	22	70
Aroclor-1242		39	U	20	63
Aroclor-1248		39	U	27	86
Aroclor-1254		39	U	27	86
Aroclor-1260		39	U	27	86

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	81		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65753	Initial Weight/Volume:	30.38 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/27/2012 0451			Injection Volume:	1 1/cm
Prep Date:	11/20/2012 1106			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	71		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6611	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6203	Lab File ID:	320-0001600-007-1.d
Dilution:	1.0			Initial Weight/Volume:	2.06 g
Analysis Date:	11/29/2012 1627			Final Weight/Volume:	10 mL
Prep Date:	11/21/2012 0721			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U J	0.019	0.24

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6611	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6203	Lab File ID:	320-0001600-010-1.d
Dilution:	1.0			Initial Weight/Volume:	2.03 g
Analysis Date:	11/29/2012 1710			Final Weight/Volume:	10 mL
Prep Date:	11/21/2012 0721			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: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6640	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6199	Initial Weight/Volume:	10.18 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/01/2012 0751			Injection Volume:	500 uL
Prep Date:	11/21/2012 0700			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		0.029	J	0.0098	0.25
1,3,5-Trinitrobenzene		0.049	U	0.0098	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	90		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6840	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6199	Initial Weight/Volume:	10.18 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/04/2012 1802			Injection Volume:	500 uL
Prep Date:	11/21/2012 0700			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitrobenzene		0.049	U	0.017	0.25
2,4,6-Trinitrotoluene		0.049	U	0.019	0.25

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6840	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6199	Initial Weight/Volume:	10.18 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/04/2012 1802			Injection Volume:	500 uL
Prep Date:	11/21/2012 0700			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	310	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6640	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6199	Initial Weight/Volume:	9.98 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/01/2012 0952			Injection Volume:	500 uL
Prep Date:	11/21/2012 0700			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		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	78		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6840	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6199	Initial Weight/Volume:	9.98 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/04/2012 1907			Injection Volume:	500 uL
Prep Date:	11/21/2012 0700			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6840	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6199	Initial Weight/Volume:	9.98 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/04/2012 1907			Injection Volume:	500 uL
Prep Date:	11/21/2012 0700			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	238	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0001-0001-SD**

Lab Sample ID: 240-17467-1 Date Sampled: 11/09/2012 1415
Client Matrix: Solid % Moisture: 41.9 Date Received: 11/09/2012 1556

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	5.0			Initial Weight/Volume:	0.60 g
Analysis Date:	11/30/2012 1430			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		7.2	D	0.12	0.86

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 37.0 Date Received: 11/09/2012 1556

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	11/30/2012 1426			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.47	J	0.021	0.15

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400
Client Matrix: Solid % Moisture: 36.9 Date Received: 11/09/2012 1556

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	11/30/2012 1445			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		1.1		0.023	0.16

General Chemistry

Client Sample ID: **075SD-0001-0001-SD**

Lab Sample ID: 240-17467-1 Date Sampled: 11/09/2012 1415

Client Matrix: Solid Date Received: 11/09/2012 1556

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	58		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-64836	Analysis Date: 11/13/2012 1409						DryWt Corrected: N
Percent Moisture	42		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-64836	Analysis Date: 11/13/2012 1409						DryWt Corrected: N

General Chemistry

Client Sample ID: **075SD-0002-0001-SD**

Lab Sample ID: 240-17467-2 Date Sampled: 11/09/2012 1400
Client Matrix: Solid Date Received: 11/09/2012 1556

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	63		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-64836	Analysis Date: 11/13/2012 1409						DryWt Corrected: N
Percent Moisture	37		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-64836	Analysis Date: 11/13/2012 1409						DryWt Corrected: N
Nitrocellulose	28	U	mg/Kg	12	78	1.0	WS-WC-0050
Analysis Batch: 320-6863	Analysis Date: 12/04/2012 1440						DryWt Corrected: Y
Prep Batch: 320-6824	Prep Date: 12/04/2012 0705						

General Chemistry

Client Sample ID: **075SD-0003-0001-SD**

Lab Sample ID: 240-17467-4 Date Sampled: 11/09/2012 1400

Client Matrix: Solid Date Received: 11/09/2012 1556

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	63		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-64836	Analysis Date: 11/13/2012 1412						DryWt Corrected: N
Percent Moisture	37		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-64836	Analysis Date: 11/13/2012 1412						DryWt Corrected: N
Nitrocellulose	28	U	mg/Kg	12	76	1.0	WS-WC-0050
Analysis Batch: 320-6863	Analysis Date: 12/04/2012 1446						DryWt Corrected: Y
Prep Batch: 320-6824	Prep Date: 12/04/2012 0705						

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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 240-65171/5		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: 240-17467-1

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
240-17467-2	075SD-0002-0001-SD	82	101	92	98
240-17467-4	075SD-0003-0001-SD	86	103	98	101
MB 240-65171/8		83	95	93	97
LCS 240-65171/7		93	94	97	102
240-17467-2 MS	075SD-0002-0001-SD MS	93	89	114	131Q
240-17467-2 MSD	075SD-0002-0001-SD MSD	88	96	94	107

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: 240-17467-1

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: 240-17467-1

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
240-17467-3	075SD-0004-0001-TB	107	108	105	92
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: 240-17467-1

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
240-17467-2	075SD-0002-0001-SD	61	63	59	55	57	64
240-17467-2 RE	075SD-0002-0001-SD RE	60	62	52	48	73	71
240-17467-4	075SD-0003-0001-SD	62	65	58	54	66	67
240-17467-4 RE	075SD-0003-0001-SD RE	70	77	59	56	73	71
MB 240-65933/23-A		81	86	78	76	56	93
MB 240-67436/23-A		76	77	69	65	58	77
LCS 240-65933/24-A		74	75	72	68	73	77
LCS 240-67436/24-A		76	78	65	63	79	75
240-17467-2 MS	075SD-0002-0001-SD MS	66	73	64	61	64	68
240-17467-2 MS RE	075SD-0002-0001-SD MS RE	60	68	47	51	76	74
240-17467-2 MSD	075SD-0002-0001-SD MSD	60	68	59	61	65	68
240-17467-2 MSD RE	075SD-0002-0001-SD MSD RE	75	82	65	61	81	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: 240-17467-1

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
MRL 240-67070/13		100	101Q	98	94	101	93
MRL 240-67070/24		103	104Q	100	95	110	95
MRL 240-67729/3		108Q	113Q	109Q	107Q	108	106
MRL 240-67729/15		103	110Q	99	101	112	100
MRL 240-68161/13		102	101Q	103Q	95	90	100
MRL 240-68161/24		98	103Q	97	89	108	93

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: 240-17467-1

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
240-17467-2	075SD-0002-0001-SD	128Q	111	206Q	110
240-17467-4	075SD-0003-0001-SD	122	101	124	88
MB 240-65759/17-A		86	86	92	88
LCS 240-65759/18-A		85	81	97	92
240-17467-2 MS	075SD-0002-0001-SD MS	114	96	154Q	93
240-17467-2 MSD	075SD-0002-0001-SD MSD	129Q	108	183Q	86

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
240-17467-2	075SD-0002-0001-SD	84	76	90	78
240-17467-4	075SD-0003-0001-SD	77	72	81	71
MB 240-65753/23-A		79	72	80	82
LCS 240-65753/24-A		61	60	83	84
240-17467-2 MS	075SD-0002-0001-SD MS	82	80	89	86
240-17467-2 MSD	075SD-0002-0001-SD MSD	78	76	83	77

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
MRL 240-66323/3		107	114	117	113
MRL 240-66323/31		108	118	112	109

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Surrogate Recovery Report

8330B Nitroaromatics and Nitramines (HPLC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DNT1 %Rec	DNT2 %Rec
240-17467-2	075SD-0002-0001-SD	90	
240-17467-2	075SD-0002-0001-SD		310Q
240-17467-4	075SD-0003-0001-SD	78	
240-17467-4	075SD-0003-0001-SD		238Q
MB 320-6199/1-A		92	
MB 320-6199/1-A			86
LCS 320-6199/2-A		96M	
240-17467-2 MS	075SD-0002-0001-SD MS	91	
240-17467-2 MSD	075SD-0002-0001-SD MSD	90	

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	78-118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	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
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
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
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
1,2-Dibromoethane	0.25	U	0.24	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
Chloroethane	0.50	U	0.29	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 120
Toluene-d8 (Surr)	101	85 - 120
4-Bromofluorobenzene (Surr)	94	75 - 120
Dibromofluoromethane (Surr)	101	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	10.0	10.7	107	65 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.64	96	65 - 130	
1,1,2-Trichloroethane	10.0	10.4	104	75 - 125	
1,1-Dichloroethane	10.0	10.8	108	70 - 135	
1,1-Dichloroethene	10.0	10.9	109	70 - 130	
1,2-Dichloroethane	10.0	10.4	104	70 - 130	
1,2-Dichloropropane	10.0	10.4	104	75 - 125	
2-Butanone (MEK)	20.0	19.0	95	30 - 150	
2-Hexanone	20.0	20.0	100	55 - 130	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	100	60 - 135	
Acetone	20.0	21.4	107	40 - 140	
Benzene	10.0	10.4	104	80 - 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	
Chlorobenzene	10.0	10.1	101	80 - 120	
Bromodichloromethane	10.0	10.5	105	75 - 120	
Chloromethane	10.0	9.74	97	40 - 125	
cis-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
Dibromochloromethane	10.0	10.1	101	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	
Styrene	10.0	10.7	107	65 - 135	
Tetrachloroethene	10.0	9.91	99	45 - 150	
Toluene	10.0	10.4	104	75 - 120	
Chloroform	10.0	10.1	101	65 - 135	
Bromochloromethane	10.0	10.2	102	65 - 130	
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	
Chloroethane	10.0	10.5	105	60 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 120
Toluene-d8 (Surr)	104	85 - 120
4-Bromofluorobenzene (Surr)	106	75 - 120
Dibromofluoromethane (Surr)	102	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	0.00100	0.00112	112	70 - 130	
1,1,2,2-Tetrachloroethane	0.00100	0.00115	115	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00107	107	70 - 130	
1,1-Dichloroethane	0.00100	0.00109	109	70 - 130	
1,1-Dichloroethene	0.00100	0.00102	102	70 - 130	
1,2-Dichloroethane	0.00100	0.00113	113	70 - 130	
1,2-Dichloropropane	0.00100	0.00102	102	70 - 130	
2-Butanone (MEK)	0.0100	0.00880	88	70 - 130	J
2-Hexanone	0.0100	0.00941	94	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00913	91	70 - 130	J
Acetone	0.0100	0.00924	92	70 - 130	J
Benzene	0.00100	0.00113	113	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	
Chlorobenzene	0.00100	0.00111	111	70 - 130	
Bromodichloromethane	0.00100	0.00103	103	70 - 130	
Chloromethane	0.00100	0.00135	135	70 - 130	^
cis-1,3-Dichloropropene	0.00100	0.000883	88	70 - 130	J
Dibromochloromethane	0.00100	0.000963	96	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	^
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	
Chloroform	0.00100	0.00108	108	70 - 130	
Bromochloromethane	0.00100	0.00103	103	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000895	89	70 - 130	J
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	
Chloroethane	0.00100	0.00143	143	70 - 130	^

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	50 - 150
Toluene-d8 (Surr)	104	50 - 150
4-Bromofluorobenzene (Surr)	99	50 - 150
Dibromofluoromethane (Surr)	100	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	0.00100	0.00104	104	70 - 130	
1,1,2,2-Tetrachloroethane	0.00100	0.00103	103	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00110	110	70 - 130	
1,1-Dichloroethane	0.00100	0.00105	105	70 - 130	
1,1-Dichloroethene	0.00100	0.00106	106	70 - 130	
1,2-Dichloroethane	0.00100	0.00105	105	70 - 130	
1,2-Dichloropropane	0.00100	0.00100	100	70 - 130	
2-Butanone (MEK)	0.0100	0.00916	92	70 - 130	J
2-Hexanone	0.0100	0.00917	92	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00922	92	70 - 130	J
Acetone	0.0100	0.00985	99	70 - 130	J
Benzene	0.00100	0.00104	104	70 - 130	
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	
Chlorobenzene	0.00100	0.000988	99	70 - 130	J
Bromodichloromethane	0.00100	0.000934	93	70 - 130	J
Chloromethane	0.00100	0.00124	124	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000883	88	70 - 130	J
Dibromochloromethane	0.00100	0.000853	85	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	^
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	
Chloroform	0.00100	0.00107	107	70 - 130	
Bromochloromethane	0.00100	0.00109	109	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000855	85	70 - 130	J
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	
Chloroethane	0.00100	0.00116	116	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	50 - 150
Toluene-d8 (Surr)	109	50 - 150
4-Bromofluorobenzene (Surr)	97	50 - 150
Dibromofluoromethane (Surr)	104	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17467-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149189.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.116 g
Analysis Date:	11/15/2012 1805			Final Weight/Volume:	5 g
Prep Date:	11/09/2012 2015				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149190.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.569 g
Analysis Date:	11/15/2012 1827			Final Weight/Volume:	5 g
Prep Date:	11/09/2012 2015				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	121	78	70 - 135	32	30		J
1,1,2,2-Tetrachloroethane	157	86	55 - 130	48	30	J	J
1,1,2-Trichloroethane	120	87	60 - 125	20	30		
1,1-Dichloroethane	119	84	75 - 125	24	30		
1,1-Dichloroethene	121	81	65 - 135	29	30		
1,2-Dichloroethane	102	86	70 - 135	5	30		
1,2-Dichloropropane	101	84	70 - 120	6	30		
2-Butanone (MEK)	87	93	30 - 160	18	30		
2-Hexanone	92	87	45 - 145	6	30		
4-Methyl-2-pentanone (MIBK)	118	97	45 - 145	8	30		
Acetone	115	96	20 - 160	7	30		
Benzene	105	79	75 - 125	17	30		
Bromochloromethane	105	79	70 - 125	16	30		
Bromodichloromethane	78	68	70 - 130	1	30		J
Bromoform	70	64	55 - 135	1	30		
Bromomethane	81	60	30 - 160	19	30		
Carbon disulfide	64	46	45 - 160	21	30		
Carbon tetrachloride	103	71	65 - 135	26	30		
Chlorobenzene	96	62	75 - 125	32	30		J
Chloroethane	117	73	40 - 155	35	30		J
Chloroform	108	78	70 - 125	21	30		
Chloromethane	119	82	50 - 130	26	30		
cis-1,3-Dichloropropene	64	67	70 - 125	16	30	J	J
Dibromochloromethane	89	70	65 - 130	12	30		
Ethylbenzene	100	63	75 - 125	35	30		J
Methyl tert-butyl ether	106	84	70 - 130	11	30		
Methylene Chloride	127	79	55 - 140	35	30		J
Styrene	83	59	75 - 125	24	30		J
Tetrachloroethene	108	64	65 - 140	40	30		J
Toluene	116	71	70 - 125	38	30		J
trans-1,3-Dichloropropene	80	66	65 - 125	8	30		
Trichloroethene	99	76	75 - 125	15	30		
Vinyl chloride	117	81	60 - 125	25	30		

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17467-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149189.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.116 g
Analysis Date:	11/15/2012 1805			Final Weight/Volume:	5 g
Prep Date:	11/09/2012 2015				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64955	Lab File ID:	149190.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.569 g
Analysis Date:	11/15/2012 1827			Final Weight/Volume:	5 g
Prep Date:	11/09/2012 2015				
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	98	60	75 - 125	37	30		J

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		96	61 - 130
4-Bromofluorobenzene (Surr)	131	Q	107	85 - 120
Dibromofluoromethane (Surr)	93		88	59 - 138
Toluene-d8 (Surr)	114		94	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64955

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17467-2	Units:	ug/Kg	MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/15/2012 1805			Analysis Date:	11/15/2012 1827
Prep Date:	11/09/2012 2015			Prep Date:	11/09/2012 2015
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	77.6	86.9	93.6		68.1	J
1,1,2,2-Tetrachloroethane	0.76	U	77.6	86.9	122	J	74.7	J
1,1,2-Trichloroethane	0.76	U	77.6	86.9	93.0		75.9	
1,1-Dichloroethane	0.76	U	77.6	86.9	92.1		72.7	
1,1-Dichloroethene	1.5	U	77.6	86.9	93.9		70.0	
1,2-Dichloroethane	0.76	U	77.6	86.9	78.8		74.7	
1,2-Dichloropropane	1.5	U	77.6	86.9	78.0		73.4	
2-Butanone (MEK)	3.1	U	155	174	134		162	
2-Hexanone	1.6	J	155	174	144		154	
4-Methyl-2-pentanone (MIBK)	1.5	U	155	174	182		168	
Acetone	9.6	U	155	174	179		166	
Benzene	0.76	U	77.6	86.9	81.7		68.7	
Bromochloromethane	1.5	U	77.6	86.9	81.2		68.9	
Bromodichloromethane	0.76	U	77.6	86.9	60.4		59.5	J
Bromoform	0.76	U	77.6	86.9	54.6		55.2	
Bromomethane	1.5	U	77.6	86.9	63.0		51.9	
Carbon disulfide	1.3	J	77.6	86.9	50.8		41.3	
Carbon tetrachloride	0.76	U	77.6	86.9	80.2		61.8	
Chlorobenzene	0.76	U	77.6	86.9	74.1		53.9	J
Chloroethane	1.5	U	77.6	86.9	90.5		63.4	J
Chloroform	0.76	U	77.6	86.9	83.5		67.7	
Chloromethane	0.76	U	77.6	86.9	92.4		71.2	
cis-1,3-Dichloropropene	0.76	U	77.6	86.9	49.6	J	58.0	J
Dibromochloromethane	1.5	U	77.6	86.9	69.3		61.1	
Ethylbenzene	0.76	U	77.6	86.9	77.5		54.4	J
Methyl tert-butyl ether	0.76	U	77.6	86.9	82.0		73.1	
Methylene Chloride	1.5	U	77.6	86.9	98.7		69.0	J
Styrene	0.31	J	77.6	86.9	65.0		51.2	J
Tetrachloroethene	1.5	U	77.6	86.9	83.6		55.9	J
Toluene	0.76	U	77.6	86.9	89.8		61.3	J
trans-1,3-Dichloropropene	1.5	U	77.6	86.9	62.1		57.2	
Trichloroethene	0.76	U	77.6	86.9	76.9		66.1	
Vinyl chloride	0.76	U	77.6	86.9	90.7		70.7	
Xylenes, Total	2.3	U	233	261	228		157	J

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	1.0	U	0.56	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
1,2-Dichloropropane	1.0	U	0.69	5.0
2-Butanone (MEK)	2.0	U	1.4	20
2-Hexanone	1.0	U	0.63	20
4-Methyl-2-pentanone (MIBK)	0.598	J	0.54	20
Acetone	6.41	J	6.3	20
Benzene	0.50	U	0.23	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
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
Bromodichloromethane	0.50	U	0.28	5.0
Chloromethane	0.50	U	0.41	5.0
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
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
Styrene	0.151	J	0.15	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
Chloroform	0.50	U	0.29	5.0
Bromochloromethane	1.0	U	0.71	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
1,2-Dibromoethane	1.0	U	0.50	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
Chloroethane	1.0	U	0.86	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	61 - 130
Toluene-d8 (Surr)	93	85 - 115
4-Bromofluorobenzene (Surr)	97	85 - 120
Dibromofluoromethane (Surr)	83	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	0.00500	0.00465	93	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00464	93	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00489	98	70 - 130	
1,1-Dichloroethane	0.00500	0.00470	94	70 - 130	
1,1-Dichloroethene	0.00500	0.00478	96	70 - 130	
1,2-Dichloroethane	0.00500	0.00505	101	70 - 130	
1,2-Dichloropropane	0.00500	0.00485	97	70 - 130	
2-Butanone (MEK)	0.0100	0.0102	102	70 - 130	
2-Hexanone	0.0100	0.00914	91	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00948	95	70 - 130	J
Acetone	0.0100	0.0175	175	70 - 130	^
Benzene	0.00500	0.00490	98	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	
Chlorobenzene	0.00500	0.00498	100	70 - 130	
Bromodichloromethane	0.00500	0.00411	82	70 - 130	
Chloromethane	0.00500	0.00583	117	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00504	101	70 - 130	
Dibromochloromethane	0.00500	0.00454	91	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	
Styrene	0.00500	0.00411	82	70 - 130	
Tetrachloroethene	0.00500	0.00523	105	70 - 130	
Toluene	0.00500	0.00494	99	70 - 130	
Chloroform	0.00500	0.00474	95	70 - 130	
Bromochloromethane	0.00500	0.00475	95	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	
Chloroethane	0.00500	0.00562	112	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	50 - 150
Toluene-d8 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	95	50 - 150
Dibromofluoromethane (Surr)	89	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	50.0	52.5	105	70 - 135	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	55 - 130	
1,1,2-Trichloroethane	50.0	53.1	106	60 - 125	
1,1-Dichloroethane	50.0	51.0	102	75 - 125	
1,1-Dichloroethene	50.0	49.9	100	65 - 135	
1,2-Dichloroethane	50.0	50.2	100	70 - 135	
1,2-Dichloropropane	50.0	52.2	104	70 - 120	
2-Butanone (MEK)	100	107	107	30 - 160	
2-Hexanone	100	110	110	45 - 145	
4-Methyl-2-pentanone (MIBK)	100	111	111	45 - 145	
Acetone	100	116	116	20 - 160	
Benzene	50.0	49.4	99	75 - 125	
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	
Chlorobenzene	50.0	48.4	97	75 - 125	
Bromodichloromethane	50.0	44.0	88	70 - 130	
Chloromethane	50.0	48.2	96	50 - 130	
cis-1,3-Dichloropropene	50.0	46.1	92	70 - 125	
Dibromochloromethane	50.0	48.1	96	65 - 130	
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	
Styrene	50.0	52.1	104	75 - 125	
Tetrachloroethene	50.0	50.1	100	65 - 140	
Toluene	50.0	49.1	98	70 - 125	
Chloroform	50.0	48.8	98	70 - 125	
Bromochloromethane	50.0	49.6	99	70 - 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	
Chloroethane	50.0	44.2	88	40 - 155	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	61 - 130
Toluene-d8 (Surr)	97	85 - 115
4-Bromofluorobenzene (Surr)	102	85 - 120
Dibromofluoromethane (Surr)	93	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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
1,1,1-Trichloroethane	0.00500	0.00437	87	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00525	105	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00567	113	70 - 130	
1,1-Dichloroethane	0.00500	0.00476	95	70 - 130	
1,1-Dichloroethene	0.00500	0.00467	93	70 - 130	
1,2-Dichloroethane	0.00500	0.00522	104	70 - 130	
1,2-Dichloropropane	0.00500	0.00508	102	70 - 130	
2-Butanone (MEK)	0.0100	0.0119	119	70 - 130	
2-Hexanone	0.0100	0.0109	109	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0102	102	70 - 130	
Acetone	0.0100	0.0201	201	70 - 130	^
Benzene	0.00500	0.00504	101	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	
Chlorobenzene	0.00500	0.00495	99	70 - 130	
Bromodichloromethane	0.00500	0.00433	87	70 - 130	
Chloromethane	0.00500	0.00516	103	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00542	108	70 - 130	
Dibromochloromethane	0.00500	0.00492	98	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	
Styrene	0.00500	0.00453	91	70 - 130	
Tetrachloroethene	0.00500	0.00537	107	70 - 130	
Toluene	0.00500	0.00512	102	70 - 130	
Chloroform	0.00500	0.00471	94	70 - 130	
Bromochloromethane	0.00500	0.00472	94	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	
Chloroethane	0.00500	0.00482	96	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	50 - 150
Toluene-d8 (Surr)	96	50 - 150
4-Bromofluorobenzene (Surr)	101	50 - 150
Dibromofluoromethane (Surr)	87	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Blank - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65933/23-A	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/03/2012 1643	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			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	90.1		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	15.8	J	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: 240-17467-1

Method Blank - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65933/23-A	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/03/2012 1643	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			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)	76	45 - 105
2-Fluorophenol (Surr)	81	35 - 105
Nitrobenzene-d5 (Surr)	78	35 - 100
Terphenyl-d14 (Surr)	93	30 - 125
2,4,6-Tribromophenol (Surr)	56	35 - 125
Phenol-d5 (Surr)	86	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Control Sample - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65933/24-A	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/03/2012 1708	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	497	75	45 - 110	
Acenaphthylene	667	494	74	45 - 105	
Anthracene	667	487	73	55 - 105	
Benzo[a]anthracene	667	485	73	50 - 110	
Benzo[a]pyrene	667	451	68	50 - 110	
Benzo[b]fluoranthene	667	498	75	45 - 115	
Benzo[g,h,i]perylene	667	502	75	40 - 125	
Benzoic acid	667	502	75	0 - 110	J
Benzo[k]fluoranthene	667	513	77	45 - 125	
Benzyl alcohol	667	455	68	20 - 125	
Bis(2-chloroethoxy)methane	667	489	73	45 - 110	
Bis(2-chloroethyl)ether	667	475	71	40 - 105	
bis (2-chloroisopropyl) ether	667	467	70	20 - 115	
Bis(2-ethylhexyl) phthalate	667	518	78	45 - 125	
4-Bromophenyl phenyl ether	667	523	78	45 - 115	
Butyl benzyl phthalate	667	488	73	50 - 125	
Carbazole	667	482	72	45 - 115	
4-Chloroaniline	667	366	55	10 - 110	
4-Chloro-3-methylphenol	667	495	74	45 - 115	
2-Chloronaphthalene	667	485	73	45 - 105	
2-Chlorophenol	667	474	71	45 - 105	
4-Chlorophenyl phenyl ether	667	508	76	45 - 110	
Chrysene	667	521	78	55 - 110	
Dibenz(a,h)anthracene	667	503	75	40 - 125	
Dibenzofuran	667	502	75	50 - 105	
1,4-Dichlorobenzene	667	461	69	35 - 105	
1,2-Dichlorobenzene	667	599	90	45 - 110	
1,3-Dichlorobenzene	667	433	65	40 - 100	
3,3'-Dichlorobenzidine	667	335	50	10 - 130	
2,4-Dichlorophenol	667	495	74	45 - 110	
Diethyl phthalate	667	514	77	50 - 115	
2,4-Dimethylphenol	667	275	41	30 - 105	
Dimethyl phthalate	667	508	76	50 - 110	
Di-n-butyl phthalate	667	504	76	55 - 110	
4,6-Dinitro-2-methylphenol	667	428	64	30 - 135	
2,4-Dinitrophenol	667	413	62	15 - 130	
2,4-Dinitrotoluene	667	561	84	50 - 115	
2,6-Dinitrotoluene	667	580	87	50 - 110	
Di-n-octyl phthalate	667	476	71	40 - 130	
Fluoranthene	667	501	75	55 - 115	
Fluorene	667	504	76	50 - 110	
Hexachlorobenzene	667	494	74	45 - 120	
Hexachlorobutadiene	667	465	70	40 - 115	
Hexachloroethane	667	433	65	35 - 110	
Indeno[1,2,3-cd]pyrene	667	502	75	40 - 120	
Isophorone	667	483	73	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Control Sample - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65933/24-A	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/03/2012 1708	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	488	73	45 - 105	
2-Methylphenol	667	448	67	40 - 105	
3 & 4 Methylphenol	1330	974	73	40 - 105	
Naphthalene	667	477	71	40 - 105	
2-Nitroaniline	667	516	77	45 - 120	
3-Nitroaniline	667	453	68	25 - 110	
4-Nitroaniline	667	492	74	35 - 115	
Nitrobenzene	667	499	75	40 - 115	
2-Nitrophenol	667	502	75	40 - 110	
4-Nitrophenol	667	565	85	15 - 140	
N-Nitrosodi-n-propylamine	667	491	74	40 - 115	
N-Nitrosodiphenylamine	667	484	73	50 - 115	
Pentachlorophenol	667	385	58	25 - 120	
Phenanthrene	667	498	75	50 - 110	
Phenol	667	472	71	40 - 100	
Pyrene	667	494	74	45 - 125	
1,2,4-Trichlorobenzene	667	448	67	45 - 110	
2,4,5-Trichlorophenol	667	474	71	50 - 110	
2,4,6-Trichlorophenol	667	475	71	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	68	45 - 105
2-Fluorophenol (Surr)	74	35 - 105
Nitrobenzene-d5 (Surr)	72	35 - 100
Terphenyl-d14 (Surr)	77	30 - 125
2,4,6-Tribromophenol (Surr)	73	35 - 125
Phenol-d5 (Surr)	75	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.06 g
Analysis Date:	12/03/2012 2006			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.08 g
Analysis Date:	12/03/2012 2031			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	68	64	45 - 110	6	30		
Acenaphthylene	68	64	45 - 105	6	30		
Anthracene	66	68	55 - 105	3	30		
Benzo[a]anthracene	71	75	50 - 110	4	30		
Benzo[a]pyrene	63	64	50 - 110	0	30		
Benzo[b]fluoranthene	73	79	45 - 115	6	30		
Benzo[g,h,i]perylene	41	38	40 - 125	7	30		J
Benzoic acid	115	109	0 - 110	5	30	J	
Benzo[k]fluoranthene	73	71	45 - 125	2	30		
Benzyl alcohol	73	68	20 - 125	8	30		
Bis(2-chloroethoxy)methane	70	61	45 - 110	13	30		
Bis(2-chloroethyl)ether	68	63	40 - 105	9	30		
bis (2-chloroisopropyl) ether	72	62	20 - 115	14	30		
4-Bromophenyl phenyl ether	70	65	45 - 115	7	30		
Butyl benzyl phthalate	73	75	50 - 125	2	30		
Carbazole	62	62	45 - 115	1	30		
4-Chloroaniline	33	27	10 - 95	21	30		
4-Chloro-3-methylphenol	72	64	45 - 115	11	30		
2-Chloronaphthalene	66	64	45 - 105	4	30		
2-Chlorophenol	68	62	45 - 105	9	30		
4-Chlorophenyl phenyl ether	67	66	45 - 110	2	30		
Chrysene	72	79	55 - 110	7	30		
Dibenz(a,h)anthracene	50	46	40 - 125	7	30		
Dibenzofuran	67	66	50 - 105	1	30		
1,4-Dichlorobenzene	66	57	35 - 105	13	30		
1,2-Dichlorobenzene	62	51	45 - 95	15	30		
1,3-Dichlorobenzene	63	56	40 - 100	11	30		
3,3'-Dichlorobenzidine	5	0	10 - 130	200	30	J	U J
2,4-Dichlorophenol	70	65	45 - 110	8	30		
Diethyl phthalate	67	66	50 - 115	2	30		
2,4-Dimethylphenol	47	38	30 - 105	23	30		
Dimethyl phthalate	68	67	50 - 110	2	30		
Di-n-butyl phthalate	69	67	55 - 110	2	30		

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.06 g
Analysis Date:	12/03/2012 2006			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65933	Lab File ID:	21203023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.08 g
Analysis Date:	12/03/2012 2031			Final Weight/Volume:	2 mL
Prep Date:	11/21/2012 1136			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,6-Dinitro-2-methylphenol	36	30	30 - 135	18	30		
2,4-Dinitrophenol	33	32	15 - 130	5	30	J	J
2,4-Dinitrotoluene	71	71	50 - 115	1	30		
2,6-Dinitrotoluene	74	71	50 - 110	5	30		
Di-n-octyl phthalate	83	83	40 - 130	0	30		
Fluoranthene	87	98	55 - 115	8	30		
Fluorene	70	67	50 - 110	5	30		
Hexachlorobenzene	65	64	45 - 120	2	30		
Hexachlorobutadiene	61	56	40 - 115	9	30		
Hexachloroethane	40	32	35 - 110	22	30		J
Indeno[1,2,3-cd]pyrene	48	43	40 - 120	9	30		
Isophorone	69	62	45 - 110	10	30		
2-Methylnaphthalene	68	62	45 - 105	9	30		
2-Methylphenol	67	58	40 - 105	14	30		
3 & 4 Methylphenol	72	62	40 - 105	14	30		
Naphthalene	64	59	40 - 105	8	30		
2-Nitroaniline	74	78	45 - 120	5	30		
3-Nitroaniline	30	24	25 - 110	22	30	J	J
4-Nitroaniline	30	25	35 - 115	22	30	J	J
Nitrobenzene	70	63	40 - 115	11	30		
2-Nitrophenol	72	65	40 - 110	10	30		
4-Nitrophenol	77	78	15 - 140	1	30		
N-Nitrosodi-n-propylamine	75	68	40 - 115	10	30		
N-Nitrosodiphenylamine	68	67	50 - 115	2	30		
Pentachlorophenol	43	39	25 - 120	9	30		
Phenanthrene	74	77	50 - 110	2	30		
Phenol	73	66	40 - 100	10	30		
Pyrene	84	90	45 - 125	4	30		
1,2,4-Trichlorobenzene	62	57	45 - 110	9	30		
2,4,5-Trichlorophenol	69	67	50 - 110	3	30		
2,4,6-Trichlorophenol	65	63	45 - 110	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	61	61	45 - 105

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol (Surr)	66	60	35 - 105
Nitrobenzene-d5 (Surr)	64	59	35 - 100
Terphenyl-d14 (Surr)	68	68	30 - 125
2,4,6-Tribromophenol (Surr)	64	65	35 - 125
Phenol-d5 (Surr)	73	68	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Units: ug/Kg		MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/03/2012 2006			Analysis Date:	12/03/2012 2031
Prep Date:	11/21/2012 1136			Prep Date:	11/21/2012 1136
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	19		1060	1060	737		695	
Acenaphthylene	13		1060	1060	730		689	
Anthracene	57		1060	1060	749		773	
Benzo[a]anthracene	230		1060	1060	985		1020	
Benzo[a]pyrene	250		1060	1060	919		922	
Benzo[b]fluoranthene	360		1060	1060	1130		1190	
Benzo[g,h,i]perylene	120		1060	1060	550		514	J
Benzoic acid	530	U	1060	1060	1210	J	1150	
Benzo[k]fluoranthene	140		1060	1060	914		893	
Benzyl alcohol	43	U	1060	1060	775		713	
Bis(2-chloroethoxy)methane	43	U	1060	1060	740		648	
Bis(2-chloroethyl)ether	5.3	U	1060	1060	720		660	
bis (2-chloroisopropyl) ether	43	U	1060	1060	757		659	
4-Bromophenyl phenyl ether	43	U	1060	1060	737		688	
Butyl benzyl phthalate	43	U	1060	1060	772		788	
Carbazole	44	J	1060	1060	695		700	
4-Chloroaniline	43	U	1060	1060	352		285	
4-Chloro-3-methylphenol	43	U	1060	1060	760		678	
2-Chloronaphthalene	5.3	U	1060	1060	701		674	
2-Chlorophenol	43	U	1060	1060	717		654	
4-Chlorophenyl phenyl ether	43	U	1060	1060	710		693	
Chrysene	270		1060	1060	1030		1100	
Dibenz(a,h)anthracene	5.3	U	1060	1060	523		489	
Dibenzofuran	17	J	1060	1060	721		712	
1,4-Dichlorobenzene	50	J	1060	1060	743		654	
1,2-Dichlorobenzene	140		1060	1060	796		682	
1,3-Dichlorobenzene	43	U	1060	1060	663		596	
3,3'-Dichlorobenzidine	130	U	1060	1060	57.9	J	130	U J
2,4-Dichlorophenol	43	U	1060	1060	744		684	
Diethyl phthalate	43	U	1060	1060	711		695	
2,4-Dimethylphenol	130	U	1060	1060	501		397	
Dimethyl phthalate	43	U	1060	1060	721		706	
Di-n-butyl phthalate	43	U	1060	1060	726		712	
4,6-Dinitro-2-methylphenol	130	U	1060	1060	380		317	
2,4-Dinitrophenol	130	U	1060	1060	353	J	336	J
2,4-Dinitrotoluene	43	U	1060	1060	755		748	
2,6-Dinitrotoluene	43	U	1060	1060	787		749	
Di-n-octyl phthalate	43	U	1060	1060	878		878	
Fluoranthene	510		1060	1060	1420		1540	
Fluorene	5.3	U	1060	1060	743		707	
Hexachlorobenzene	5.3	U	1060	1060	691		679	
Hexachlorobutadiene	43	U	1060	1060	641		587	
Hexachloroethane	43	U	1060	1060	418		335	J

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65933

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/03/2012 2006		
Prep Date:	11/21/2012 1136		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/03/2012 2031
Prep Date:	11/21/2012 1136
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Indeno[1,2,3-cd]pyrene	120		1060	1060	622		570	
Isophorone	43	U	1060	1060	727		658	
2-Methylnaphthalene	18		1060	1060	737		675	
2-Methylphenol	130	U	1060	1060	708		616	
3 & 4 Methylphenol	130	U	2110	2110	1510		1310	
Naphthalene	18		1060	1060	693		638	
2-Nitroaniline	43	U	1060	1060	784		824	
3-Nitroaniline	130	U	1060	1060	316	J	253	J
4-Nitroaniline	43	U	1060	1060	322	J	259	J
Nitrobenzene	5.3	U	1060	1060	734		661	
2-Nitrophenol	43	U	1060	1060	761		689	
4-Nitrophenol	130	U	1060	1060	810		821	
N-Nitrosodi-n-propylamine	43	U	1060	1060	793		714	
N-Nitrosodiphenylamine	43	U	1060	1060	714		703	
Pentachlorophenol	130	U	1060	1060	456		416	
Phenanthrene	260		1060	1060	1040		1070	
Phenol	43	U	1060	1060	766		696	
Pyrene	390		1060	1060	1280		1340	
1,2,4-Trichlorobenzene	43	U	1060	1060	660		600	
2,4,5-Trichlorophenol	43	U	1060	1060	729		707	
2,4,6-Trichlorophenol	130	U	1060	1060	688		666	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67070

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67070/13	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21203013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1618	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	4.89	98	70 - 130	
Acenaphthylene	5.00	4.98	100	70 - 130	
Anthracene	5.00	5.05	101	70 - 130	
Benzo[a]anthracene	5.00	4.84	97	70 - 130	
Benzo[a]pyrene	5.00	4.94	99	70 - 130	
Benzo[b]fluoranthene	5.00	4.94	99	70 - 130	
Benzo[g,h,i]perylene	5.00	4.87	97	70 - 130	
Benzoic acid	10.0	9.95	100	70 - 130	M
Benzo[k]fluoranthene	5.00	5.09	102	70 - 130	
Benzyl alcohol	5.00	4.96	99	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.75	95	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.14	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.57	91	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.12	102	70 - 130	
Butyl benzyl phthalate	5.00	4.85	97	70 - 130	
Carbazole	5.00	4.70	94	70 - 130	
4-Chloro-3-methylphenol	5.00	4.99	100	70 - 130	
2-Chloronaphthalene	5.00	4.87	97	70 - 130	
2-Chlorophenol	5.00	4.95	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.94	99	70 - 130	
Chrysene	5.00	4.85	97	70 - 130	
Dibenz(a,h)anthracene	5.00	4.92	98	70 - 130	
Dibenzofuran	5.00	4.89	98	70 - 130	
1,4-Dichlorobenzene	5.00	4.90	98	70 - 130	
1,2-Dichlorobenzene	5.00	4.89	98	70 - 130	
1,3-Dichlorobenzene	5.00	5.05	101	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.92	98	70 - 130	
2,4-Dichlorophenol	5.00	4.80	96	70 - 130	
Diethyl phthalate	5.00	4.91	98	70 - 130	
2,4-Dimethylphenol	5.00	4.82	96	70 - 130	
Dimethyl phthalate	5.00	4.94	99	70 - 130	
Di-n-butyl phthalate	5.00	4.85	97	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.87	97	70 - 130	
2,4-Dinitrophenol	10.0	9.93	99	70 - 130	
2,4-Dinitrotoluene	5.00	5.22	104	70 - 130	
2,6-Dinitrotoluene	5.00	4.99	100	70 - 130	
Di-n-octyl phthalate	5.00	4.75	95	70 - 130	
Fluoranthene	5.00	4.91	98	70 - 130	
Fluorene	5.00	4.84	97	70 - 130	
Hexachlorobenzene	5.00	4.97	99	70 - 130	
Hexachlorobutadiene	5.00	4.96	99	70 - 130	
Hexachloroethane	5.00	4.95	99	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.00	100	70 - 130	
Isophorone	5.00	4.71	94	70 - 130	
2-Methylnaphthalene	5.00	4.86	97	70 - 130	
2-Methylphenol	5.00	5.04	101	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67070 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67070/13	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21203013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1618	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	4.97	99	70 - 130	
Naphthalene	5.00	4.70	94	70 - 130	
2-Nitroaniline	5.00	5.00	100	70 - 130	
3-Nitroaniline	5.00	5.14	103	70 - 130	
4-Nitroaniline	5.00	4.85	97	70 - 130	
Nitrobenzene	5.00	4.74	95	70 - 130	
2-Nitrophenol	5.00	4.95	99	70 - 130	
4-Nitrophenol	5.00	5.53	111	70 - 130	
N-Nitrosodi-n-propylamine	5.00	4.95	99	70 - 130	
N-Nitrosodiphenylamine	5.00	4.90	98	70 - 130	
Pentachlorophenol	10.0	9.60	96	70 - 130	
Phenanthrene	5.00	4.73	95	70 - 130	
Phenol	5.00	5.09	102	70 - 130	
Pyrene	5.00	4.87	97	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.74	95	70 - 130	
2,4,5-Trichlorophenol	5.00	4.94	99	70 - 130	
2,4,6-Trichlorophenol	5.00	5.16	103	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	94		50 - 150
2-Fluorophenol (Surr)	100		50 - 150
Nitrobenzene-d5 (Surr)	98		50 - 150
Terphenyl-d14 (Surr)	93		50 - 150
2,4,6-Tribromophenol (Surr)	101		50 - 150
Phenol-d5 (Surr)	101	Q	50 - 150

Method Reporting Limit Check - Batch: 240-67070 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67070/24	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21203024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 2056	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	4.89	98	70 - 130	
Acenaphthylene	5.00	4.93	99	70 - 130	
Anthracene	5.00	4.86	97	70 - 130	
Benzo[a]anthracene	5.00	4.78	96	70 - 130	
Benzo[a]pyrene	5.00	4.82	96	70 - 130	
Benzo[b]fluoranthene	5.00	5.20	104	70 - 130	
Benzo[g,h,i]perylene	5.00	2.89	58	70 - 130	^

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67070

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67070/24	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21203024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 2056	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	5.01	100	70 - 130	
Benzyl alcohol	5.00	5.21	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.90	98	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.19	104	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.05	101	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.89	98	70 - 130	
Butyl benzyl phthalate	5.00	5.21	104	70 - 130	
Carbazole	5.00	4.79	96	70 - 130	
4-Chloro-3-methylphenol	5.00	5.05	101	70 - 130	
2-Chloronaphthalene	5.00	4.76	95	70 - 130	
2-Chlorophenol	5.00	5.09	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70 - 130	
Chrysene	5.00	4.88	98	70 - 130	
Dibenz(a,h)anthracene	5.00	3.42	68	70 - 130	^
Dibenzofuran	5.00	4.75	95	70 - 130	
1,4-Dichlorobenzene	5.00	4.92	98	70 - 130	
1,2-Dichlorobenzene	5.00	5.03	101	70 - 130	
1,3-Dichlorobenzene	5.00	5.00	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.15	103	70 - 130	
2,4-Dichlorophenol	5.00	5.04	101	70 - 130	
Diethyl phthalate	5.00	4.86	97	70 - 130	
2,4-Dimethylphenol	5.00	5.08	102	70 - 130	
Dimethyl phthalate	5.00	4.82	96	70 - 130	
Di-n-butyl phthalate	5.00	5.03	101	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	2.31	46	70 - 130	^
2,4-Dinitrophenol	10.0	3.74	37	70 - 130	^
2,4-Dinitrotoluene	5.00	5.29	106	70 - 130	
2,6-Dinitrotoluene	5.00	5.26	105	70 - 130	
Di-n-octyl phthalate	5.00	6.12	122	70 - 130	
Fluoranthene	5.00	4.77	95	70 - 130	
Fluorene	5.00	4.89	98	70 - 130	
Hexachlorobenzene	5.00	4.94	99	70 - 130	
Hexachlorobutadiene	5.00	4.64	93	70 - 130	
Hexachloroethane	5.00	2.91	58	70 - 130	^
Indeno[1,2,3-cd]pyrene	5.00	3.35	67	70 - 130	^
Isophorone	5.00	4.95	99	70 - 130	
2-Methylnaphthalene	5.00	4.81	96	70 - 130	
2-Methylphenol	5.00	5.07	101	70 - 130	
3 & 4 Methylphenol	5.00	5.19	104	70 - 130	
Naphthalene	5.00	4.79	96	70 - 130	
2-Nitroaniline	5.00	5.37	107	70 - 130	
3-Nitroaniline	5.00	5.57	111	70 - 130	
4-Nitroaniline	5.00	5.39	108	70 - 130	
Nitrobenzene	5.00	4.93	99	70 - 130	
2-Nitrophenol	5.00	5.19	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67070 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67070/24	Analysis Batch:	240-67070	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21203024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 2056	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	5.02	100	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70 - 130	
N-Nitrosodiphenylamine	5.00	4.97	99	70 - 130	
Pentachlorophenol	10.0	8.63	86	70 - 130	
Phenanthrene	5.00	4.64	93	70 - 130	
Phenol	5.00	5.12	102	70 - 130	
Pyrene	5.00	4.96	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.86	97	70 - 130	
2,4,5-Trichlorophenol	5.00	4.89	98	70 - 130	
2,4,6-Trichlorophenol	5.00	4.76	95	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	95		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	100		50 - 150
Terphenyl-d14 (Surr)	95		50 - 150
2,4,6-Tribromophenol (Surr)	110		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Blank - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-67436/23-A	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21207004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/07/2012 1408	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			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	27	U	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: 240-17467-1

Method Blank - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-67436/23-A	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21207004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/07/2012 1408	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			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)	65	45 - 105
2-Fluorophenol (Surr)	76	35 - 105
Nitrobenzene-d5 (Surr)	69	35 - 100
Terphenyl-d14 (Surr)	77	30 - 125
2,4,6-Tribromophenol (Surr)	58	35 - 125
Phenol-d5 (Surr)	77	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Control Sample - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-67436/24-A	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21207005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/07/2012 1433	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	455	68	45 - 110	
Acenaphthylene	667	474	71	45 - 105	
Anthracene	667	500	75	55 - 105	
Benzo[a]anthracene	667	486	73	50 - 110	
Benzo[a]pyrene	667	455	68	50 - 110	
Benzo[b]fluoranthene	667	485	73	45 - 115	
Benzo[g,h,i]perylene	667	526	79	40 - 125	
Benzoic acid	667	381	57	0 - 110	J
Benzo[k]fluoranthene	667	501	75	45 - 125	
Benzyl alcohol	667	494	74	20 - 125	
Bis(2-chloroethoxy)methane	667	444	67	45 - 110	
Bis(2-chloroethyl)ether	667	483	72	40 - 105	
bis (2-chloroisopropyl) ether	667	494	74	20 - 115	
Bis(2-ethylhexyl) phthalate	667	440	66	45 - 125	
4-Bromophenyl phenyl ether	667	552	83	45 - 115	
Butyl benzyl phthalate	667	464	70	50 - 125	
Carbazole	667	491	74	45 - 115	
4-Chloroaniline	667	347	52	10 - 110	
4-Chloro-3-methylphenol	667	475	71	45 - 115	
2-Chloronaphthalene	667	464	70	45 - 105	
2-Chlorophenol	667	497	74	45 - 105	
4-Chlorophenyl phenyl ether	667	505	76	45 - 110	
Chrysene	667	521	78	55 - 110	
Dibenz(a,h)anthracene	667	515	77	40 - 125	
Dibenzofuran	667	474	71	50 - 105	
1,4-Dichlorobenzene	667	476	71	35 - 105	
1,2-Dichlorobenzene	667	468	70	45 - 110	
1,3-Dichlorobenzene	667	481	72	40 - 100	
3,3'-Dichlorobenzidine	667	334	50	10 - 130	
2,4-Dichlorophenol	667	495	74	45 - 110	
Diethyl phthalate	667	477	72	50 - 115	
2,4-Dimethylphenol	667	262	39	30 - 105	
Dimethyl phthalate	667	489	73	50 - 110	
Di-n-butyl phthalate	667	480	72	55 - 110	
4,6-Dinitro-2-methylphenol	667	476	71	30 - 135	
2,4-Dinitrophenol	667	367	55	15 - 130	
2,4-Dinitrotoluene	667	552	83	50 - 115	
2,6-Dinitrotoluene	667	549	82	50 - 110	
Di-n-octyl phthalate	667	426	64	40 - 130	
Fluoranthene	667	511	77	55 - 115	
Fluorene	667	468	70	50 - 110	
Hexachlorobenzene	667	511	77	45 - 120	
Hexachlorobutadiene	667	439	66	40 - 115	
Hexachloroethane	667	457	69	35 - 110	
Indeno[1,2,3-cd]pyrene	667	502	75	40 - 120	
Isophorone	667	442	66	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Control Sample - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-67436/24-A	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21207005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/07/2012 1433	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	479	72	45 - 105	
2-Methylphenol	667	482	72	40 - 105	
3 & 4 Methylphenol	1330	1020	77	40 - 105	
Naphthalene	667	460	69	40 - 105	
2-Nitroaniline	667	493	74	45 - 120	
3-Nitroaniline	667	477	72	25 - 110	
4-Nitroaniline	667	541	81	35 - 115	
Nitrobenzene	667	442	66	40 - 115	
2-Nitrophenol	667	501	75	40 - 110	
4-Nitrophenol	667	502	75	15 - 140	
N-Nitrosodi-n-propylamine	667	480	72	40 - 115	
N-Nitrosodiphenylamine	667	499	75	50 - 115	
Pentachlorophenol	667	337	50	25 - 120	
Phenanthrene	667	494	74	50 - 110	
Phenol	667	512	77	40 - 100	
Pyrene	667	487	73	45 - 125	
1,2,4-Trichlorobenzene	667	452	68	45 - 110	
2,4,5-Trichlorophenol	667	482	72	50 - 110	
2,4,6-Trichlorophenol	667	464	70	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	63	45 - 105
2-Fluorophenol (Surr)	76	35 - 105
Nitrobenzene-d5 (Surr)	65	35 - 100
Terphenyl-d14 (Surr)	75	30 - 125
2,4,6-Tribromophenol (Surr)	79	35 - 125
Phenol-d5 (Surr)	78	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2RE	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21211021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.52 g
Analysis Date:	12/11/2012 2055	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2RE	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21211022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.79 g
Analysis Date:	12/11/2012 2120	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Bis(2-ethylhexyl) phthalate	96	101	45 - 125	4	30	H	H

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2RE	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21211021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.52 g
Analysis Date:	12/11/2012 2055	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2RE	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21211022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.79 g
Analysis Date:	12/11/2012 2120	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	70	81	45 - 110	13	30	H	H
Acenaphthylene	74	85	45 - 105	13	30	H	H
Anthracene	83	86	55 - 105	2	30	H	H
Benzo[a]anthracene	80	81	50 - 110	0	30	H	H
Benzo[a]pyrene	78	82	50 - 110	4	30	H	H
Benzo[b]fluoranthene	84	83	45 - 115	2	30	H	H
Benzo[g,h,i]perylene	71	74	40 - 125	3	30	H	H
Benzoic acid	108	142	0 - 110	26	30	H	H J
Benzo[k]fluoranthene	88	91	45 - 125	2	30	H	H
Benzyl alcohol	69	90	20 - 125	26	30	H	H
Bis(2-chloroethoxy)methane	50	68	45 - 110	30	30	H	H
Bis(2-chloroethyl)ether	50	68	40 - 105	29	30	H	H
bis (2-chloroisopropyl) ether	51	72	20 - 115	34	30	H	H J
4-Bromophenyl phenyl ether	71	73	45 - 115	2	30	H	H
Butyl benzyl phthalate	97	99	50 - 125	2	30	H	H
Carbazole	79	79	45 - 115	1	30	H	H
4-Chloroaniline	31	31	10 - 95	2	30	H	H
4-Chloro-3-methylphenol	84	90	45 - 115	5	30	H	H
2-Chloronaphthalene	60	70	45 - 105	16	30	H	H
2-Chlorophenol	64	84	45 - 105	26	30	H	H
4-Chlorophenyl phenyl ether	67	75	45 - 110	11	30	H	H
Chrysene	87	86	55 - 110	1	30	H	H
Dibenz(a,h)anthracene	76	78	40 - 125	2	30	H	H
Dibenzofuran	75	86	50 - 105	12	30	H	H
1,4-Dichlorobenzene	54	73	35 - 105	28	30	H	H
1,2-Dichlorobenzene	48	62	45 - 95	24	30	H	H
1,3-Dichlorobenzene	44	60	40 - 100	29	30	H	H
3,3'-Dichlorobenzidine	0	0	10 - 130	NC	30	U H J	U H J
2,4-Dichlorophenol	76	92	45 - 110	17	30	H	H
Diethyl phthalate	85	94	50 - 115	9	30	H	H
2,4-Dimethylphenol	65	80	30 - 105	19	30	H	H
Dimethyl phthalate	82	91	50 - 110	9	30	H	H
Di-n-butyl phthalate	94	94	55 - 110	1	30	H	H

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2RE	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21211021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.52 g
Analysis Date:	12/11/2012 2055	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2RE	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-67436	Lab File ID:	21211022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.79 g
Analysis Date:	12/11/2012 2120	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/05/2012 1050			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,6-Dinitro-2-methylphenol	73	78	30 - 135	5	30	H	H
2,4-Dinitrophenol	67	80	15 - 130	17	30	H	H
2,4-Dinitrotoluene	76	81	50 - 115	5	30	H	H
2,6-Dinitrotoluene	75	76	50 - 110	1	30	H	H
Di-n-octyl phthalate	96	103	40 - 130	6	30	H	H
Fluoranthene	74	78	55 - 115	2	30	H	H
Fluorene	75	84	50 - 110	10	30	H	H
Hexachlorobenzene	69	71	45 - 120	2	30	H	H
Hexachlorobutadiene	46	62	40 - 115	29	30	H	H
Hexachloroethane	31	39	35 - 110	20	30	H J	H
Indeno[1,2,3-cd]pyrene	77	77	40 - 120	1	30	H	H
Isophorone	65	86	45 - 110	26	30	H	H
2-Methylnaphthalene	61	77	45 - 105	23	30	H	H
2-Methylphenol	71	88	40 - 105	20	30	H	H
3 & 4 Methylphenol	73	90	40 - 105	20	30	H	H
Naphthalene	53	73	40 - 105	29	30	H	H
2-Nitroaniline	87	97	45 - 120	10	30	H	H
3-Nitroaniline	29	17	25 - 110	51	30	J H	H J
4-Nitroaniline	24	22	35 - 115	11	30	H J	H J
Nitrobenzene	49	68	40 - 115	32	30	H	H J
2-Nitrophenol	65	84	40 - 110	24	30	H	H
4-Nitrophenol	89	102	15 - 140	14	30	H	H
N-Nitrosodi-n-propylamine	65	85	40 - 115	26	30	H	H
N-Nitrosodiphenylamine	88	91	50 - 115	3	30	H	H
Pentachlorophenol	49	41	25 - 120	18	30	H	H
Phenanthrene	65	65	50 - 110	1	30	H	H
Phenol	69	85	40 - 100	20	30	H	H
Pyrene	75	78	45 - 125	2	30	H	H
1,2,4-Trichlorobenzene	47	61	45 - 110	26	30	H	H
2,4,5-Trichlorophenol	83	96	50 - 110	14	30	H	H
2,4,6-Trichlorophenol	77	84	45 - 110	8	30	H	H

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	51	61	45 - 105

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol (Surr)	60	75	35 - 105
Nitrobenzene-d5 (Surr)	47	65	35 - 100
Terphenyl-d14 (Surr)	74	76	30 - 125
2,4,6-Tribromophenol (Surr)	76	81	35 - 125
Phenol-d5 (Surr)	68	82	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2RE	Units:	ug/Kg	MSD Lab Sample ID:	240-17467-2RE
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/11/2012 2055			Analysis Date:	12/11/2012 2120
Prep Date:	12/05/2012 1050			Prep Date:	12/05/2012 1050
Leach Date:	N/A			Leach Date:	N/A
Run Type:	RE			Run Type:	RE

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Bis(2-ethylhexyl) phthalate	43	U	1080	1070	1040	H	1080	H

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2RE	Units:	ug/Kg	MSD Lab Sample ID:	240-17467-2RE
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/11/2012 2055			Analysis Date:	12/11/2012 2120
Prep Date:	12/05/2012 1050			Prep Date:	12/05/2012 1050
Leach Date:	N/A			Leach Date:	N/A
Run Type:	RE			Run Type:	RE

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	27		1080	1070	781	H	893	H
Acenaphthylene	20		1080	1070	810	H	926	H
Anthracene	77		1080	1070	971	H	991	H
Benzo[a]anthracene	140		1080	1070	1000	H	1000	H
Benzo[a]pyrene	160		1080	1070	997	H	1030	H
Benzo[b]fluoranthene	200		1080	1070	1100	H	1080	H
Benzo[g,h,i]perylene	85		1080	1070	849	H	873	H
Benzoic acid	530	U	1080	1070	1160	H	1510	H J
Benzo[k]fluoranthene	83		1080	1070	1030	H	1050	H
Benzyl alcohol	43	U	1080	1070	744	H	963	H
Bis(2-chloroethoxy)methane	43	U	1080	1070	538	H	727	H
Bis(2-chloroethyl)ether	5.3	U	1080	1070	538	H	723	H
bis (2-chloroisopropyl) ether	43	U	1080	1070	544	H	763	H J
4-Bromophenyl phenyl ether	43	U	1080	1070	761	H	778	H
Butyl benzyl phthalate	43	U	1080	1070	1040	H	1060	H
Carbazole	50	J	1080	1070	902	H	896	H
4-Chloroaniline	43	U	1080	1070	335	H	329	H
4-Chloro-3-methylphenol	43	U	1080	1070	906	H	954	H
2-Chloronaphthalene	5.3	U	1080	1070	643	H	751	H
2-Chlorophenol	43	U	1080	1070	690	H	897	H
4-Chlorophenyl phenyl ether	43	U	1080	1070	719	H	803	H
Chrysene	160		1080	1070	1090	H	1080	H
Dibenz(a,h)anthracene	22		1080	1070	837	H	852	H
Dibenzofuran	39	J	1080	1070	845	H	953	H
1,4-Dichlorobenzene	43	U	1080	1070	586	H	777	H
1,2-Dichlorobenzene	43	U	1080	1070	521	H	666	H
1,3-Dichlorobenzene	43	U	1080	1070	474	H	637	H
3,3'-Dichlorobenzidine	130	U	1080	1070	130	U H J	130	U H J
2,4-Dichlorophenol	43	U	1080	1070	822	H	976	H
Diethyl phthalate	43	U	1080	1070	913	H	1000	H
2,4-Dimethylphenol	130	U	1080	1070	704	H	855	H
Dimethyl phthalate	43	U	1080	1070	880	H	965	H
Di-n-butyl phthalate	43	U	1080	1070	1010	H	1000	H
4,6-Dinitro-2-methylphenol	130	U	1080	1070	788	H	830	H
2,4-Dinitrophenol	130	U	1080	1070	726	H	858	H
2,4-Dinitrotoluene	43	U	1080	1070	816	H	858	H
2,6-Dinitrotoluene	43	U	1080	1070	803	H	808	H
Di-n-octyl phthalate	43	U	1080	1070	1040	H	1100	H
Fluoranthene	390		1080	1070	1190	H	1220	H
Fluorene	54		1080	1070	859	H	947	H
Hexachlorobenzene	5.3	U	1080	1070	747	H	760	H
Hexachlorobutadiene	43	U	1080	1070	492	H	659	H
Hexachloroethane	43	U	1080	1070	338	H J	412	H

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-67436

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2RE	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/11/2012 2055		
Prep Date:	12/05/2012 1050		
Leach Date:	N/A		
Run Type:	RE		

MSD Lab Sample ID:	240-17467-2RE
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/11/2012 2120
Prep Date:	12/05/2012 1050
Leach Date:	N/A
Run Type:	RE

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Indeno[1,2,3-cd]pyrene	74		1080	1070	902	H	896	H
Isophorone	43	U	1080	1070	704	H	913	H
2-Methylnaphthalene	24		1080	1070	677	H	848	H
2-Methylphenol	130	U	1080	1070	768	H	940	H
3 & 4 Methylphenol	130	U	2150	2130	1580	H	1920	H
Naphthalene	41		1080	1070	613	H	824	H
2-Nitroaniline	43	U	1080	1070	936	H	1030	H
3-Nitroaniline	130	U	1080	1070	307	J H	182	H J
4-Nitroaniline	43	U	1080	1070	262	H J	235	H J
Nitrobenzene	5.3	U	1080	1070	522	H	723	H J
2-Nitrophenol	43	U	1080	1070	701	H	895	H
4-Nitrophenol	130	U	1080	1070	953	H	1090	H
N-Nitrosodi-n-propylamine	43	U	1080	1070	701	H	908	H
N-Nitrosodiphenylamine	43	U	1080	1070	946	H	973	H
Pentachlorophenol	130	U	1080	1070	527	H	439	H
Phenanthrene	330		1080	1070	1030	H	1030	H
Phenol	43	U	1080	1070	744	H	910	H
Pyrene	280		1080	1070	1090	H	1110	H
1,2,4-Trichlorobenzene	43	U	1080	1070	505	H	655	H
2,4,5-Trichlorophenol	43	U	1080	1070	894	H	1030	H
2,4,6-Trichlorophenol	130	U	1080	1070	830	H	896	H

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67729 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67729/3	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21207003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/07/2012 1343	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	4.83	97	70 - 130	
Acenaphthylene	5.00	4.84	97	70 - 130	
Anthracene	5.00	4.97	99	70 - 130	
Benzo[a]anthracene	5.00	5.28	106	70 - 130	
Benzo[a]pyrene	5.00	5.33	107	70 - 130	
Benzo[b]fluoranthene	5.00	5.29	106	70 - 130	
Benzo[g,h,i]perylene	5.00	5.49	110	70 - 130	
Benzoic acid	10.0	7.85	78	70 - 130	
Benzo[k]fluoranthene	5.00	5.50	110	70 - 130	
Benzyl alcohol	5.00	5.54	111	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.57	111	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.80	116	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.86	97	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.97	119	70 - 130	
Butyl benzyl phthalate	5.00	5.19	104	70 - 130	
Carbazole	5.00	4.88	98	70 - 130	
4-Chloro-3-methylphenol	5.00	4.88	98	70 - 130	
2-Chloronaphthalene	5.00	5.61	112	70 - 130	
2-Chlorophenol	5.00	5.25	105	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.43	109	70 - 130	
Chrysene	5.00	5.44	109	70 - 130	
Dibenz(a,h)anthracene	5.00	5.40	108	70 - 130	
Dibenzofuran	5.00	4.78	96	70 - 130	
1,4-Dichlorobenzene	5.00	5.33	107	70 - 130	
1,2-Dichlorobenzene	5.00	5.40	108	70 - 130	
1,3-Dichlorobenzene	5.00	5.61	112	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.52	110	70 - 130	
2,4-Dichlorophenol	5.00	5.31	106	70 - 130	
Diethyl phthalate	5.00	4.29	86	70 - 130	
2,4-Dimethylphenol	5.00	4.78	96	70 - 130	
Dimethyl phthalate	5.00	4.61	92	70 - 130	
Di-n-butyl phthalate	5.00	4.59	92	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.07	101	70 - 130	
2,4-Dinitrophenol	10.0	8.55	86	70 - 130	
2,4-Dinitrotoluene	5.00	5.88	118	70 - 130	
2,6-Dinitrotoluene	5.00	5.66	113	70 - 130	
Di-n-octyl phthalate	5.00	4.89	98	70 - 130	
Fluoranthene	5.00	4.78	96	70 - 130	
Fluorene	5.00	4.61	92	70 - 130	
Hexachlorobenzene	5.00	5.43	109	70 - 130	
Hexachlorobutadiene	5.00	5.71	114	70 - 130	
Hexachloroethane	5.00	5.02	100	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.48	110	70 - 130	
Isophorone	5.00	4.72	94	70 - 130	
2-Methylnaphthalene	5.00	5.08	102	70 - 130	
2-Methylphenol	5.00	5.53	111	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67729 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67729/3	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21207003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/07/2012 1343	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	5.68	114	70 - 130	
Naphthalene	5.00	4.85	97	70 - 130	
2-Nitroaniline	5.00	4.80	96	70 - 130	
3-Nitroaniline	5.00	5.37	107	70 - 130	
4-Nitroaniline	5.00	5.41	108	70 - 130	
Nitrobenzene	5.00	5.46	109	70 - 130	
2-Nitrophenol	5.00	5.66	113	70 - 130	
4-Nitrophenol	5.00	4.75	95	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.27	105	70 - 130	
N-Nitrosodiphenylamine	5.00	5.17	103	70 - 130	
Pentachlorophenol	10.0	9.86	99	70 - 130	
Phenanthrene	5.00	4.77	95	70 - 130	
Phenol	5.00	5.58	112	70 - 130	
Pyrene	5.00	5.32	106	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.55	111	70 - 130	
2,4,5-Trichlorophenol	5.00	5.06	101	70 - 130	
2,4,6-Trichlorophenol	5.00	4.95	99	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	107	Q	50 - 150
2-Fluorophenol (Surr)	108	Q	50 - 150
Nitrobenzene-d5 (Surr)	109	Q	50 - 150
Terphenyl-d14 (Surr)	106		50 - 150
2,4,6-Tribromophenol (Surr)	108		50 - 150
Phenol-d5 (Surr)	113	Q	50 - 150

Method Reporting Limit Check - Batch: 240-67729 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67729/15	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21207015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/07/2012 1843	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	4.75	95	70 - 130	
Acenaphthylene	5.00	4.91	98	70 - 130	
Anthracene	5.00	5.26	105	70 - 130	
Benzo[a]anthracene	5.00	5.14	103	70 - 130	
Benzo[a]pyrene	5.00	5.17	103	70 - 130	
Benzo[b]fluoranthene	5.00	5.23	105	70 - 130	
Benzo[g,h,i]perylene	5.00	4.46	89	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67729

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67729/15	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21207015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/07/2012 1843	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	8.56	86	70 - 130	
Benzo[k]fluoranthene	5.00	5.03	101	70 - 130	
Benzyl alcohol	5.00	5.58	112	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.12	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.34	107	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.83	97	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.82	116	70 - 130	
Butyl benzyl phthalate	5.00	4.88	98	70 - 130	
Carbazole	5.00	5.08	102	70 - 130	
4-Chloro-3-methylphenol	5.00	4.76	95	70 - 130	
2-Chloronaphthalene	5.00	5.11	102	70 - 130	
2-Chlorophenol	5.00	5.22	104	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.07	101	70 - 130	
Chrysene	5.00	5.17	103	70 - 130	
Dibenz(a,h)anthracene	5.00	4.85	97	70 - 130	
Dibenzofuran	5.00	4.77	95	70 - 130	
1,4-Dichlorobenzene	5.00	5.13	103	70 - 130	
1,2-Dichlorobenzene	5.00	5.34	107	70 - 130	
1,3-Dichlorobenzene	5.00	5.28	106	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.41	108	70 - 130	
2,4-Dichlorophenol	5.00	5.18	104	70 - 130	
Diethyl phthalate	5.00	4.43	89	70 - 130	
2,4-Dimethylphenol	5.00	4.86	97	70 - 130	
Dimethyl phthalate	5.00	4.54	91	70 - 130	
Di-n-butyl phthalate	5.00	4.83	97	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.99	100	70 - 130	
2,4-Dinitrophenol	10.0	8.50	85	70 - 130	
2,4-Dinitrotoluene	5.00	5.43	109	70 - 130	
2,6-Dinitrotoluene	5.00	5.52	110	70 - 130	
Di-n-octyl phthalate	5.00	5.05	101	70 - 130	
Fluoranthene	5.00	5.14	103	70 - 130	
Fluorene	5.00	4.71	94	70 - 130	
Hexachlorobenzene	5.00	5.35	107	70 - 130	
Hexachlorobutadiene	5.00	5.05	101	70 - 130	
Hexachloroethane	5.00	3.79	76	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.78	96	70 - 130	
Isophorone	5.00	4.59	92	70 - 130	
2-Methylnaphthalene	5.00	4.95	99	70 - 130	
2-Methylphenol	5.00	5.50	110	70 - 130	
3 & 4 Methylphenol	5.00	5.58	112	70 - 130	
Naphthalene	5.00	4.72	94	70 - 130	
2-Nitroaniline	5.00	4.74	95	70 - 130	
3-Nitroaniline	5.00	5.39	108	70 - 130	
4-Nitroaniline	5.00	5.27	105	70 - 130	
Nitrobenzene	5.00	4.85	97	70 - 130	
2-Nitrophenol	5.00	5.43	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-67729 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67729/15	Analysis Batch:	240-67729	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21207015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/07/2012 1843	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	4.65	93	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.14	103	70 - 130	
N-Nitrosodiphenylamine	5.00	5.35	107	70 - 130	
Pentachlorophenol	10.0	9.52	95	70 - 130	
Phenanthrene	5.00	5.03	101	70 - 130	
Phenol	5.00	5.30	106	70 - 130	
Pyrene	5.00	5.14	103	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.12	102	70 - 130	
2,4,5-Trichlorophenol	5.00	4.78	96	70 - 130	
2,4,6-Trichlorophenol	5.00	5.05	101	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	101		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	99		50 - 150
Terphenyl-d14 (Surr)	100		50 - 150
2,4,6-Tribromophenol (Surr)	112		50 - 150
Phenol-d5 (Surr)	110	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-68161 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68161/13	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21211013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/11/2012 1736	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	4.75	95	70 - 130	
Acenaphthylene	5.00	4.73	95	70 - 130	
Anthracene	5.00	5.02	100	70 - 130	
Benzo[a]anthracene	5.00	4.91	98	70 - 130	
Benzo[a]pyrene	5.00	5.12	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.00	100	70 - 130	
Benzo[g,h,i]perylene	5.00	4.94	99	70 - 130	
Benzoic acid	10.0	8.75	88	70 - 130	
Benzo[k]fluoranthene	5.00	5.30	106	70 - 130	
Benzyl alcohol	5.00	4.77	95	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.09	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.00	100	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.18	104	70 - 130	
Butyl benzyl phthalate	5.00	4.75	95	70 - 130	
Carbazole	5.00	4.86	97	70 - 130	
4-Chloro-3-methylphenol	5.00	4.92	98	70 - 130	
2-Chloronaphthalene	5.00	4.72	94	70 - 130	
2-Chlorophenol	5.00	5.18	104	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.69	94	70 - 130	
Chrysene	5.00	4.90	98	70 - 130	
Dibenz(a,h)anthracene	5.00	4.75	95	70 - 130	
Dibenzofuran	5.00	4.82	96	70 - 130	
1,4-Dichlorobenzene	5.00	5.20	104	70 - 130	
1,2-Dichlorobenzene	5.00	5.06	101	70 - 130	
1,3-Dichlorobenzene	5.00	5.14	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.98	100	70 - 130	
2,4-Dichlorophenol	5.00	4.96	99	70 - 130	
Diethyl phthalate	5.00	4.99	100	70 - 130	
2,4-Dimethylphenol	5.00	5.31	106	70 - 130	
Dimethyl phthalate	5.00	4.82	96	70 - 130	
Di-n-butyl phthalate	5.00	4.88	98	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.55	91	70 - 130	
2,4-Dinitrophenol	10.0	8.37	84	70 - 130	
2,4-Dinitrotoluene	5.00	4.98	100	70 - 130	
2,6-Dinitrotoluene	5.00	5.07	101	70 - 130	
Di-n-octyl phthalate	5.00	4.64	93	70 - 130	
Fluoranthene	5.00	4.90	98	70 - 130	
Fluorene	5.00	4.73	95	70 - 130	
Hexachlorobenzene	5.00	4.80	96	70 - 130	
Hexachlorobutadiene	5.00	5.23	105	70 - 130	
Hexachloroethane	5.00	4.93	99	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.88	98	70 - 130	
Isophorone	5.00	5.12	102	70 - 130	
2-Methylnaphthalene	5.00	4.86	97	70 - 130	
2-Methylphenol	5.00	5.25	105	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-68161 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68161/13	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21211013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/11/2012 1736	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	5.00	100	70 - 130	
Naphthalene	5.00	4.97	99	70 - 130	
2-Nitroaniline	5.00	4.89	98	70 - 130	
3-Nitroaniline	5.00	5.25	105	70 - 130	
4-Nitroaniline	5.00	4.91	98	70 - 130	
Nitrobenzene	5.00	5.10	102	70 - 130	
2-Nitrophenol	5.00	5.12	102	70 - 130	
4-Nitrophenol	5.00	4.36	87	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.09	102	70 - 130	
N-Nitrosodiphenylamine	5.00	5.00	100	70 - 130	
Pentachlorophenol	10.0	8.71	87	70 - 130	
Phenanthrene	5.00	4.77	95	70 - 130	
Phenol	5.00	5.10	102	70 - 130	
Pyrene	5.00	4.82	96	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.99	100	70 - 130	
2,4,5-Trichlorophenol	5.00	4.64	93	70 - 130	
2,4,6-Trichlorophenol	5.00	4.62	92	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	95		50 - 150
2-Fluorophenol (Surr)	102		50 - 150
Nitrobenzene-d5 (Surr)	103	Q	50 - 150
Terphenyl-d14 (Surr)	100		50 - 150
2,4,6-Tribromophenol (Surr)	90		50 - 150
Phenol-d5 (Surr)	101	Q	50 - 150

Method Reporting Limit Check - Batch: 240-68161 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68161/24	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21211024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/11/2012 2210	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	4.48	90	70 - 130	
Acenaphthylene	5.00	4.57	91	70 - 130	
Anthracene	5.00	5.08	102	70 - 130	
Benzo[a]anthracene	5.00	4.58	92	70 - 130	
Benzo[a]pyrene	5.00	4.91	98	70 - 130	
Benzo[b]fluoranthene	5.00	4.57	91	70 - 130	
Benzo[g,h,i]perylene	5.00	4.08	82	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-68161 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68161/24	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21211024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/11/2012 2210	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	8.70	87	70 - 130	
Benzo[k]fluoranthene	5.00	5.04	101	70 - 130	
Benzyl alcohol	5.00	5.11	102	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.69	94	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.12	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.97	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70 - 130	
Butyl benzyl phthalate	5.00	5.22	104	70 - 130	
Carbazole	5.00	4.78	96	70 - 130	
4-Chloro-3-methylphenol	5.00	4.88	98	70 - 130	
2-Chloronaphthalene	5.00	4.53	91	70 - 130	
2-Chlorophenol	5.00	4.82	96	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.44	89	70 - 130	
Chrysene	5.00	4.57	91	70 - 130	
Dibenz(a,h)anthracene	5.00	4.28	86	70 - 130	
Dibenzofuran	5.00	4.52	90	70 - 130	
1,4-Dichlorobenzene	5.00	4.80	96	70 - 130	
1,2-Dichlorobenzene	5.00	4.79	96	70 - 130	
1,3-Dichlorobenzene	5.00	4.96	99	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.10	102	70 - 130	
2,4-Dichlorophenol	5.00	4.82	96	70 - 130	
Diethyl phthalate	5.00	4.69	94	70 - 130	
2,4-Dimethylphenol	5.00	4.98	100	70 - 130	
Dimethyl phthalate	5.00	4.55	91	70 - 130	
Di-n-butyl phthalate	5.00	4.93	99	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	2.78	56	70 - 130	^
2,4-Dinitrophenol	10.0	3.89	39	70 - 130	^
2,4-Dinitrotoluene	5.00	4.65	93	70 - 130	
2,6-Dinitrotoluene	5.00	4.81	96	70 - 130	
Di-n-octyl phthalate	5.00	5.38	108	70 - 130	
Fluoranthene	5.00	4.84	97	70 - 130	
Fluorene	5.00	4.49	90	70 - 130	
Hexachlorobenzene	5.00	4.84	97	70 - 130	
Hexachlorobutadiene	5.00	4.49	90	70 - 130	
Hexachloroethane	5.00	3.65	73	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.24	85	70 - 130	
Isophorone	5.00	4.79	96	70 - 130	
2-Methylnaphthalene	5.00	4.48	90	70 - 130	
2-Methylphenol	5.00	5.09	102	70 - 130	
3 & 4 Methylphenol	5.00	4.97	99	70 - 130	
Naphthalene	5.00	4.62	92	70 - 130	
2-Nitroaniline	5.00	4.85	97	70 - 130	
3-Nitroaniline	5.00	4.85	97	70 - 130	
4-Nitroaniline	5.00	5.07	101	70 - 130	
Nitrobenzene	5.00	4.76	95	70 - 130	
2-Nitrophenol	5.00	4.65	93	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-68161 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68161/24	Analysis Batch:	240-68161	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21211024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/11/2012 2210	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	4.34	87	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.15	103	70 - 130	
N-Nitrosodiphenylamine	5.00	5.05	101	70 - 130	
Pentachlorophenol	10.0	7.54	75	70 - 130	
Phenanthrene	5.00	4.63	93	70 - 130	
Phenol	5.00	5.05	101	70 - 130	
Pyrene	5.00	4.67	93	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.71	94	70 - 130	
2,4,5-Trichlorophenol	5.00	4.77	95	70 - 130	
2,4,6-Trichlorophenol	5.00	4.69	94	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	89		50 - 150
2-Fluorophenol (Surr)	98		50 - 150
Nitrobenzene-d5 (Surr)	97		50 - 150
Terphenyl-d14 (Surr)	93		50 - 150
2,4,6-Tribromophenol (Surr)	108		50 - 150
Phenol-d5 (Surr)	103	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Blank - Batch: 240-65759

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-65759/17-A	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65759	Lab File ID:	P9112751.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/29/2012 0047	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1121			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	88	55 - 130
Tetrachloro-m-xylene	86	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	55 - 130
Tetrachloro-m-xylene	86	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Control Sample - Batch: 240-65759

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-65759/18-A	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65759	Lab File ID:	P9112731.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/28/2012 1536	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	33.3	35.3	106	30 - 135	
4,4'-DDE	33.3	33.5	100	70 - 125	
4,4'-DDT	33.3	36.3	109	45 - 140	
Aldrin	33.3	34.2	103	45 - 140	
alpha-BHC	33.3	36.2	109	60 - 125	
alpha-Chlordane	33.3	33.4	100	65 - 120	
beta-BHC	33.3	33.4	100	60 - 125	
delta-BHC	33.3	40.3	121	55 - 130	
Dieldrin	33.3	35.1	105	65 - 125	
Endosulfan I	33.3	25.3	76	15 - 135	
Endosulfan II	33.3	28.4	85	35 - 140	
Endosulfan sulfate	33.3	37.2	112	60 - 135	
Endrin	33.3	32.0	96	60 - 135	
Endrin aldehyde	33.3	33.5	101	35 - 145	
Endrin ketone	33.3	32.3	97	65 - 135	
gamma-BHC (Lindane)	33.3	33.8	101	60 - 125	
gamma-Chlordane	33.3	33.1	99	65 - 125	
Heptachlor	33.3	29.4	88	50 - 140	
Heptachlor epoxide	33.3	34.6	104	65 - 130	
Methoxychlor	33.3	32.8	99	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	55 - 130
Tetrachloro-m-xylene	81	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	55 - 130
Tetrachloro-m-xylene	85	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65759

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65759	Lab File ID:	P9112733.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	29.67 g
Analysis Date:	11/28/2012 1631			Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	240-66500	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65759	Lab File ID:	P9112734.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	30.46 g
Analysis Date:	11/28/2012 1659			Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	72	73	30 - 135	3	30	J D	J D
4,4'-DDE	66	85	70 - 125	17	30	J D	D
4,4'-DDT	37	38	45 - 140	1	30	J D	D J
Aldrin	88	96	45 - 140	7	30	J D	J D
alpha-BHC	68	72	60 - 125	3	30	J D	J D
alpha-Chlordane	74	87	65 - 120	13	30	J D	J D
beta-BHC	81	93	60 - 125	12	30	J D M	J D
delta-BHC	78	83	55 - 130	3	30	J D	J D
Dieldrin	74	82	65 - 125	8	30	J D	J D
Endosulfan I	56	65	15 - 135	12	30	J D	J D
Endosulfan II	59	60	35 - 140	2	30	J D	J D
Endosulfan sulfate	71	76	60 - 135	4	30	J D	J D
Endrin	75	78	60 - 135	2	30	J D	J D
Endrin aldehyde	63	75	35 - 145	15	30	J D	J D
Endrin ketone	70	73	65 - 135	1	30	J D	J D
gamma-BHC (Lindane)	76	81	60 - 125	3	30	J D	J D
gamma-Chlordane	95	111	65 - 125	14	30	J D	D
Heptachlor	88	82	50 - 140	9	30	J D	J D
Heptachlor epoxide	120	132	65 - 130	7	30	J D	J D
Methoxychlor	116	107	55 - 145	11	30	J D	J D

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	93	86	55 - 130
Tetrachloro-m-xylene	96	108	70 - 125

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	154	Q	183	Q	55 - 130
Tetrachloro-m-xylene	114		129	Q	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65759

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Units: ug/Kg	MSD Lab Sample ID:	240-17467-2	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	20		Dilution:	20	
Analysis Date:	11/28/2012 1631		Analysis Date:	11/28/2012 1659	
Prep Date:	11/20/2012 1121		Prep Date:	11/20/2012 1121	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4,4'-DDD	21	U	53.5	52.1	38.8	J D	37.8	J D
4,4'-DDE	13	J	53.5	52.1	48.1	J D	57.3	D
4,4'-DDT	29	J	53.5	52.1	48.8	J D	49.2	D J
Aldrin	42	U	53.5	52.1	46.8	J D	50.3	J D
alpha-BHC	42	U	53.5	52.1	36.5	J D	37.5	J D
alpha-Chlordane	42	U	53.5	52.1	39.7	J D	45.2	J D
beta-BHC	42	U	53.5	52.1	43.1	J D M	48.4	J D
delta-BHC	42	U	53.5	52.1	41.8	J D	43.2	J D
Dieldrin	21	U	53.5	52.1	39.5	J D	42.6	J D
Endosulfan I	21	U	53.5	52.1	30.0	J D	33.7	J D
Endosulfan II	42	U	53.5	52.1	31.7	J D	31.2	J D
Endosulfan sulfate	42	U	53.5	52.1	38.3	J D	39.8	J D
Endrin	21	U	53.5	52.1	39.9	J D	40.6	J D
Endrin aldehyde	42	U	53.5	52.1	33.5	J D	38.8	J D
Endrin ketone	21	U	53.5	52.1	37.6	J D	38.0	J D
gamma-BHC (Lindane)	42	U	53.5	52.1	40.8	J D	42.2	J D
gamma-Chlordane	21	U	53.5	52.1	50.7	J D	58.0	D
Heptachlor	42	U	53.5	52.1	47.0	J D	42.9	J D
Heptachlor epoxide	42	U	53.5	52.1	64.2	J D	68.9	J D
Methoxychlor	110	U	53.5	52.1	61.9	J D	55.5	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:	Solid	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:	Solid	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: 240-17467-1

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:	Solid	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:	Solid	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: 240-17467-1

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:	Solid	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: 240-17467-1

Method Blank - Batch: 240-65753

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-65753/23-A	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65753	Lab File ID:	P1300018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/27/2012 0550	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1106			Injection Volume:	1 1/cm
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	79	40 - 140
DCB Decachlorobiphenyl	80	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	72	40 - 140
DCB Decachlorobiphenyl	82	60 - 125

Lab Control Sample - Batch: 240-65753

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-65753/24-A	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65753	Lab File ID:	P1300029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/27/2012 0835	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1106			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	254	76	40 - 140	
Aroclor-1260	333	286	86	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	61	40 - 140
DCB Decachlorobiphenyl	83	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	60	40 - 140
DCB Decachlorobiphenyl	84	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65753

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65753	Lab File ID:	P1300012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.61 g
Analysis Date:	11/27/2012 0421			Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1106			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65753	Lab File ID:	P1300013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.55 g
Analysis Date:	11/27/2012 0436			Final Weight/Volume:	10 mL
Prep Date:	11/20/2012 1106			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	82	81	40 - 140	1	30		
Aroclor-1260	88	83	60 - 130	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	82	78	40 - 140
DCB Decachlorobiphenyl	89	83	60 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	80	76	40 - 140
DCB Decachlorobiphenyl	86	77	60 - 125

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65753

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17467-2	Units:	ug/Kg	MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/27/2012 0421			Analysis Date:	11/27/2012 0436
Prep Date:	11/20/2012 1106			Prep Date:	11/20/2012 1106
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	40	U	536	537	441	435
Aroclor-1260	40	U	536	537	472	448

Method Reporting Limit Check - Batch: 240-66323 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66323/3	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1300003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/27/2012 0207	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0579	116	70 - 130	
Aroclor-1260	0.0500	0.0503	101	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	107	50 - 150
DCB Decachlorobiphenyl	117	50 - 150

Method Reporting Limit Check - Batch: 240-66323 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66323/3	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1300003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/27/2012 0207	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0554	111	70 - 130	
Aroclor-1260	0.0500	0.0542	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	114	50 - 150
DCB Decachlorobiphenyl	113	50 - 150

Method Reporting Limit Check - Batch: 240-66323 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-66323/31	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1300031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/27/2012 0904	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0582	116	70 - 130	
Aroclor-1260	0.0500	0.0498	100	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	108	50 - 150
DCB Decachlorobiphenyl	112	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Reporting Limit Check - Batch: 240-66323

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-66323/31	Analysis Batch:	240-66323	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1300031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/27/2012 0904	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 1/cm
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0560	112	70 - 130	
Aroclor-1260	0.0500	0.0494	99	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	118	50 - 150
DCB Decachlorobiphenyl	109	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Blank - Batch: 320-6203

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	MB 320-6203/1-A	Analysis Batch:	320-6611	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6203	Lab File ID:	320-0001600-005-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/29/2012 1558	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/21/2012 0721			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: 320-6203

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	LCS 320-6203/2-A	Analysis Batch:	320-6611	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6203	Lab File ID:	320-0001600-006-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/29/2012 1612	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/21/2012 0721			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitroguanidine	1.00	0.982	98	72 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6203

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17467-2	Analysis Batch:	320-6611	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6203	Lab File ID:	320-0001600-008-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.01 g
Analysis Date:	11/29/2012 1641			Final Weight/Volume:	10 mL
Prep Date:	11/21/2012 0721			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	320-6611	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6203	Lab File ID:	320-0001600-009-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.03 g
Analysis Date:	11/29/2012 1655			Final Weight/Volume:	10 mL
Prep Date:	11/21/2012 0721			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	56	58	72 - 121	3	20	J	J

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6203

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17467-2	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/29/2012 1641		
Prep Date:	11/21/2012 0721		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/29/2012 1655
Prep Date:	11/21/2012 0721
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Nitroguanidine	0.039	U	0.995	0.985	0.557	J	0.574	J

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Blank - Batch: 320-6199

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-6199/1-A	Analysis Batch:	320-6640	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6199	Lab File ID:	ZD000031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	12/01/2012 0631	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/21/2012 0700			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	92	78 - 118

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	86	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Lab Control Sample - Batch: 320-6199

Method: 8330B
Preparation: 8330B

Lab Sample ID:	LCS 320-6199/2-A	Analysis Batch:	320-6640	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6199	Lab File ID:	ZD000032.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	12/01/2012 0711	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/21/2012 0700			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	0.499	100	79 - 119	M
4-Amino-2,6-dinitrotoluene	0.500	0.516	103	81 - 121	M
1,3-Dinitrobenzene	0.500	0.508	102	81 - 121	M
2,4-Dinitrotoluene	0.500	0.501	100	79 - 119	M
2,6-Dinitrotoluene	0.500	0.508	102	79 - 119	M
HMX	0.500	0.505	101	80 - 120	
Nitrobenzene	0.500	0.499	100	80 - 120	M
Nitroglycerin	1.00	0.951	95	76 - 116	
2-Nitrotoluene	0.500	0.463	93	78 - 118	
3-Nitrotoluene	0.500	0.461	92	77 - 117	
4-Nitrotoluene	0.500	0.469	94	78 - 118	
PETN	1.00	0.962	96	76 - 116	
RDX	0.500	0.492	98	82 - 122	
Tetryl	0.500	0.423	85	63 - 120	M
1,3,5-Trinitrobenzene	0.500	0.498	100	81 - 121	
2,4,6-Trinitrotoluene	0.500	0.418	84	65 - 105	M

Surrogate	% Rec		Acceptance Limits
3,4-Dinitrotoluene	96	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6199

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17467-2	Analysis Batch:	320-6640	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6199	Lab File ID:	ZD000034.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	9.96 g
Analysis Date:	12/01/2012 0832			Final Weight/Volume:	80 mL
Prep Date:	11/21/2012 0700			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17467-2	Analysis Batch:	320-6640	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6199	Lab File ID:	ZD000035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.13 g
Analysis Date:	12/01/2012 0912			Final Weight/Volume:	80 mL
Prep Date:	11/21/2012 0700			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	93	93	79 - 119	2	20		
4-Amino-2,6-dinitrotoluene	91	89	81 - 121	3	20		
1,3-Dinitrobenzene	100	100	81 - 121	2	20		
2,4-Dinitrotoluene	98	95	79 - 119	4	20		
2,6-Dinitrotoluene	96	96	79 - 119	2	20		M
HMX	79	78	80 - 120	3	20	J	J
Nitrobenzene	102	99	80 - 120	4	20		
Nitroglycerin	95	96	76 - 116	1	20		
2-Nitrotoluene	80	85	78 - 118	4	20	M	
3-Nitrotoluene	94	95	77 - 117	1	20		
4-Nitrotoluene	82	83	78 - 118	1	20		
PETN	93	95	76 - 116	1	20		
RDX	93	92	82 - 122	3	20		
Tetryl	39	38	63 - 120	3	20	J	J
1,3,5-Trinitrobenzene	98	99	81 - 121	1	20		
2,4,6-Trinitrotoluene	84	84	65 - 105	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
3,4-Dinitrotoluene	91	90	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6199

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17467-2	Units:	mg/Kg	MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/01/2012 0832			Analysis Date:	12/01/2012 0912
Prep Date:	11/21/2012 0700			Prep Date:	11/21/2012 0700
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	0.049	U	0.502	0.494	0.466		0.457	
4-Amino-2,6-dinitrotoluene	0.049	U	0.502	0.494	0.455		0.440	
1,3-Dinitrobenzene	0.049	U	0.502	0.494	0.501		0.491	
2,4-Dinitrotoluene	0.049	U	0.502	0.494	0.491		0.471	
2,6-Dinitrotoluene	0.049	U	0.502	0.494	0.480		0.472	M
HMX	0.083	J	0.502	0.494	0.481	J	0.468	J
Nitrobenzene	0.049	U	0.502	0.494	0.511		0.491	
Nitroglycerin	0.25	U	1.00	0.987	0.956		0.945	
2-Nitrotoluene	0.050	J	0.502	0.494	0.451	M	0.469	
3-Nitrotoluene	0.049	U	0.502	0.494	0.473		0.468	
4-Nitrotoluene	0.050	J	0.502	0.494	0.463		0.458	
PETN	0.25	U	1.00	0.987	0.930		0.942	
RDX	0.049	U	0.502	0.494	0.466		0.454	
Tetryl	0.094	J	0.502	0.494	0.291	J	0.282	J
1,3,5-Trinitrobenzene	0.049	U	0.502	0.494	0.490		0.486	
2,4,6-Trinitrotoluene	0.049	U	0.502	0.494	0.420		0.412	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Method Blank - Batch: 240-66302

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-66302/1-A	Analysis Batch:	240-67078	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/30/2012 1420	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Hg	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-66302

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-66302/2-A	Analysis Batch:	240-67078	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/30/2012 1422	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.833	0.798	96	80 - 120	

Matrix Spike - Batch: 240-66302

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17467-2	Analysis Batch:	240-67078	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.63 g
Analysis Date:	11/30/2012 1428	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.47	0.252	0.621	60	80 - 120	J

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Duplicate - Batch: 240-66302

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17467-2	Analysis Batch:	240-67078	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.63 g
Analysis Date:	11/30/2012 1427	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Hg	0.47	0.464	0.9		

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Duplicate - Batch: 240-64836

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-17467-2	Analysis Batch:	240-64836	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:	11/13/2012 1409	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	63	66	4	20	
Percent Moisture	37	34	8	20	

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17467-2	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 1442			Final Weight/Volume:	40 mL
Prep Date:	12/04/2012 0705				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17467-2	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 1444			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	51	54	34 - 115	12	71		

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6824

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17467-2	Units:	mg/Kg	MSD Lab Sample ID:	240-17467-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/04/2012 1442			Analysis Date:	12/04/2012 1444
Prep Date:	12/04/2012 0705			Prep Date:	12/04/2012 0705
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrocellulose	28	U	786	664	403	358

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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: 240-17467-1

Lab Section	Qualifier	Description
GC/MS 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
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
GC/MS 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.
	Q	One or more quality control criteria failed.
	H	Sample was prepped or analyzed beyond the specified holding time
	U	Undetected at the Limit of Detection.
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.
	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: 240-17467-1

Lab Section	Qualifier	Description
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 quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
General Chemistry		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	U	Undetected at the Limit of Detection.

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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	
240-17467-3	075SD-0004-0001-TB	T	Water	8260B/DoD	
Prep Batch: 240-64955					
240-17467-2	075SD-0002-0001-SD	T	Solid	5035	
240-17467-2MS	Matrix Spike	T	Solid	5035	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	5035	
240-17467-4	075SD-0003-0001-SD	T	Solid	5035	
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	
240-17467-2	075SD-0002-0001-SD	T	Solid	8260B/DoD	240-64955
240-17467-2MS	Matrix Spike	T	Solid	8260B/DoD	240-64955
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-64955
240-17467-4	075SD-0003-0001-SD	T	Solid	8260B/DoD	240-64955

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-65933					
LCS 240-65933/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-65933/23-A	Method Blank	T	Solid	3540C	
240-17467-2	075SD-0002-0001-SD	T	Solid	3540C	
240-17467-2MS	Matrix Spike	T	Solid	3540C	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-17467-4	075SD-0003-0001-SD	T	Solid	3540C	
Analysis Batch:240-67070					
LCS 240-65933/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-65933
MB 240-65933/23-A	Method Blank	T	Solid	8270C/DoD	240-65933
240-17467-2	075SD-0002-0001-SD	T	Solid	8270C/DoD	240-65933
240-17467-2MS	Matrix Spike	T	Solid	8270C/DoD	240-65933
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-65933
240-17467-4	075SD-0003-0001-SD	T	Solid	8270C/DoD	240-65933
Prep Batch: 240-67436					
LCS 240-67436/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-67436/23-A	Method Blank	T	Solid	3540C	
240-17467-2RE	075SD-0002-0001-SD	T	Solid	3540C	
240-17467-2MSRE	Matrix Spike	T	Solid	3540C	
240-17467-2MSDRE	Matrix Spike Duplicate	T	Solid	3540C	
240-17467-4RE	075SD-0003-0001-SD	T	Solid	3540C	
Analysis Batch:240-67729					
LCS 240-67436/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-67436
MB 240-67436/23-A	Method Blank	T	Solid	8270C/DoD	240-67436
Analysis Batch:240-68161					
240-17467-2RE	075SD-0002-0001-SD	T	Solid	8270C/DoD	240-67436
240-17467-2MSRE	Matrix Spike	T	Solid	8270C/DoD	240-67436
240-17467-2MSDRE	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-67436
240-17467-4RE	075SD-0003-0001-SD	T	Solid	8270C/DoD	240-67436

Report Basis

T = Total

Client: Environmental Chemical Corp. Job Number: 240-17467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-65753					
LCS 240-65753/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-65753/23-A	Method Blank	T	Solid	3540C	
240-17467-2	075SD-0002-0001-SD	T	Solid	3540C	
240-17467-2MS	Matrix Spike	T	Solid	3540C	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-17467-4	075SD-0003-0001-SD	T	Solid	3540C	
Prep Batch: 240-65759					
LCS 240-65759/18-A	Lab Control Sample	T	Solid	3540C	
MB 240-65759/17-A	Method Blank	T	Solid	3540C	
240-17467-2	075SD-0002-0001-SD	T	Solid	3540C	
240-17467-2MS	Matrix Spike	T	Solid	3540C	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-17467-4	075SD-0003-0001-SD	T	Solid	3540C	
Analysis Batch:240-66323					
LCS 240-65753/24-A	Lab Control Sample	T	Solid	8082/DOD	240-65753
MB 240-65753/23-A	Method Blank	T	Solid	8082/DOD	240-65753
240-17467-2	075SD-0002-0001-SD	T	Solid	8082/DOD	240-65753
240-17467-2MS	Matrix Spike	T	Solid	8082/DOD	240-65753
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-65753
240-17467-4	075SD-0003-0001-SD	T	Solid	8082/DOD	240-65753
Analysis Batch:240-66500					
LCS 240-65759/18-A	Lab Control Sample	T	Solid	8081/DOD	240-65759
MB 240-65759/17-A	Method Blank	T	Solid	8081/DOD	240-65759
240-17467-2	075SD-0002-0001-SD	T	Solid	8081/DOD	240-65759
240-17467-2MS	Matrix Spike	T	Solid	8081/DOD	240-65759
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8081/DOD	240-65759
240-17467-4	075SD-0003-0001-SD	T	Solid	8081/DOD	240-65759

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-66302					
LCS 240-66302/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-66302/1-A	Method Blank	T	Solid	7471A	
240-17467-1	075SD-0001-0001-SD	T	Solid	7471A	
240-17467-2	075SD-0002-0001-SD	T	Solid	7471A	
240-17467-2DU	Duplicate	T	Solid	7471A	
240-17467-2MS	Matrix Spike	T	Solid	7471A	
240-17467-4	075SD-0003-0001-SD	T	Solid	7471A	
Analysis Batch:240-67078					
LCS 240-66302/2-A	Lab Control Sample	T	Solid	7471/DOD	240-66302
MB 240-66302/1-A	Method Blank	T	Solid	7471/DOD	240-66302
240-17467-1	075SD-0001-0001-SD	T	Solid	7471/DOD	240-66302
240-17467-2	075SD-0002-0001-SD	T	Solid	7471/DOD	240-66302
240-17467-2DU	Duplicate	T	Solid	7471/DOD	240-66302
240-17467-2MS	Matrix Spike	T	Solid	7471/DOD	240-66302
240-17467-4	075SD-0003-0001-SD	T	Solid	7471/DOD	240-66302

Report Basis

T = Total

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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)	
240-17467-2	075SD-0002-0001-SD	T	Solid	353 (NCell-Hyd)	
240-17467-2MS	Matrix Spike	T	Solid	353 (NCell-Hyd)	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	353 (NCell-Hyd)	
240-17467-4	075SD-0003-0001-SD	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
240-17467-2	075SD-0002-0001-SD	T	Solid	WS-WC-0050	320-6824
240-17467-2MS	Matrix Spike	T	Solid	WS-WC-0050	320-6824
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	WS-WC-0050	320-6824
240-17467-4	075SD-0003-0001-SD	T	Solid	WS-WC-0050	320-6824
Analysis Batch:240-64836					
240-17467-1	075SD-0001-0001-SD	T	Solid	Moisture	
240-17467-2	075SD-0002-0001-SD	T	Solid	Moisture	
240-17467-2DU	Duplicate	T	Solid	Moisture	
240-17467-4	075SD-0003-0001-SD	T	Solid	Moisture	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17467-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Prep Batch: 320-6199					
LCS 320-6199/2-A	Lab Control Sample	T	Solid	8330B	
MB 320-6199/1-A	Method Blank	T	Solid	8330B	
240-17467-2	075SD-0002-0001-SD	T	Solid	8330B	
240-17467-2MS	Matrix Spike	T	Solid	8330B	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8330B	
240-17467-4	075SD-0003-0001-SD	T	Solid	8330B	
Prep Batch: 320-6203					
LCS 320-6203/2-A	Lab Control Sample	T	Solid	Sieve/Ultrasoni	
MB 320-6203/1-A	Method Blank	T	Solid	Sieve/Ultrasoni	
240-17467-2	075SD-0002-0001-SD	T	Solid	Sieve/Ultrasoni	
240-17467-2MS	Matrix Spike	T	Solid	Sieve/Ultrasoni	
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	Sieve/Ultrasoni	
240-17467-4	075SD-0003-0001-SD	T	Solid	Sieve/Ultrasoni	
Analysis Batch:320-6611					
LCS 320-6203/2-A	Lab Control Sample	T	Solid	8330 Modified	320-6203
MB 320-6203/1-A	Method Blank	T	Solid	8330 Modified	320-6203
240-17467-2	075SD-0002-0001-SD	T	Solid	8330 Modified	320-6203
240-17467-2MS	Matrix Spike	T	Solid	8330 Modified	320-6203
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8330 Modified	320-6203
240-17467-4	075SD-0003-0001-SD	T	Solid	8330 Modified	320-6203
Analysis Batch:320-6640					
LCS 320-6199/2-A	Lab Control Sample	T	Solid	8330B	320-6199
MB 320-6199/1-A	Method Blank	T	Solid	8330B	320-6199
240-17467-2	075SD-0002-0001-SD	T	Solid	8330B	320-6199
240-17467-2MS	Matrix Spike	T	Solid	8330B	320-6199
240-17467-2MSD	Matrix Spike Duplicate	T	Solid	8330B	320-6199
240-17467-4	075SD-0003-0001-SD	T	Solid	8330B	320-6199
Analysis Batch:320-6840					
MB 320-6199/1-A	Method Blank	T	Solid	8330B	320-6199
240-17467-2	075SD-0002-0001-SD	T	Solid	8330B	320-6199
240-17467-4	075SD-0003-0001-SD	T	Solid	8330B	320-6199

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Laboratory Chronicle

Lab ID: 240-17467-1 **Client ID: 075SD-0001-0001-SD**

Sample Date/Time: 11/09/2012 14:15 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-17467-B-1-A ^5		240-67078	240-66302	11/26/2012 14:45	5	TAL NC	DE
A:7471/DOD	240-17467-B-1-A ^5		240-67078	240-66302	11/30/2012 14:30	5	TAL NC	DH
A:Moisture	240-17467-A-1		240-64836		11/13/2012 14:09	1	TAL NC	JK

Lab ID: 240-17467-2 **Client ID: 075SD-0002-0001-SD**

Sample Date/Time: 11/09/2012 14:00 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17467-D-2-A		240-65171	240-64955	11/09/2012 20:15	1	TAL NC	LM
A:8260B/DoD	240-17467-D-2-A		240-65171	240-64955	11/15/2012 17:44	1	TAL NC	TL
P:3540C	240-17467-M-2-A		240-67070	240-65933	11/21/2012 11:36	1	TAL NC	AC
A:8270C/DoD	240-17467-M-2-A		240-67070	240-65933	12/03/2012 19:40	1	TAL NC	MU
P:3540C	240-17467-L-2-G	RE	240-68161	240-67436	12/05/2012 10:50	1	TAL NC	BM
A:8270C/DoD	240-17467-L-2-G	RE	240-68161	240-67436	12/11/2012 20:30	1	TAL NC	MU
P:3540C	240-17467-N-2-D		240-66500	240-65759	11/20/2012 11:21	20	TAL NC	AC
A:8081/DOD	240-17467-N-2-D		240-66500	240-65759	11/28/2012 16:04	20	TAL NC	CV
P:3540C	240-17467-N-2-A		240-66323	240-65753	11/20/2012 11:06	1	TAL NC	AC
A:8082/DOD	240-17467-N-2-A		240-66323	240-65753	11/27/2012 04:06	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17467-A-2-E		320-6611	320-6203	11/21/2012 07:21	1	TAL WSC	TP
A:8330 Modified	240-17467-A-2-E		320-6611	320-6203	11/29/2012 16:27	1	TAL WSC	RN
P:8330B	240-17467-A-2-B		320-6640	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	240-17467-A-2-B		320-6640	320-6199	12/01/2012 07:51	1	TAL WSC	RN
P:8330B	240-17467-A-2-B		320-6840	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	240-17467-A-2-B		320-6840	320-6199	12/04/2012 18:02	1	TAL WSC	RN
P:7471A	240-17467-L-2-D		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17467-L-2-D		240-67078	240-66302	11/30/2012 14:26	1	TAL NC	DH
A:Moisture	240-17467-K-2		240-64836		11/13/2012 14:09	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17467-P-2-K		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17467-P-2-K		320-6863	320-6824	12/04/2012 14:40	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Laboratory Chronicle

Lab ID: 240-17467-2 **Client ID:** 075SD-0002-0001-SD

Sample Date/Time: 11/09/2012 14:00 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17467-F-2-A MS		240-65171	240-64955	11/09/2012 20:15	1	TAL NC	LM
A:8260B/DoD	240-17467-F-2-A MS		240-65171	240-64955	11/15/2012 18:05	1	TAL NC	TL
P:3540C	240-17467-M-2-B MS		240-67070	240-65933	11/21/2012 11:36	1	TAL NC	AC
A:8270C/DoD	240-17467-M-2-B MS		240-67070	240-65933	12/03/2012 20:06	1	TAL NC	MU
P:3540C	240-17467-L-2-H MS	RE	240-68161	240-67436	12/05/2012 10:50	1	TAL NC	BM
A:8270C/DoD	240-17467-L-2-H MS	RE	240-68161	240-67436	12/11/2012 20:55	1	TAL NC	MU
P:3540C	240-17467-N-2-E MS		240-66500	240-65759	11/20/2012 11:21	20	TAL NC	AC
A:8081/DOD	240-17467-N-2-E MS		240-66500	240-65759	11/28/2012 16:31	20	TAL NC	CV
P:3540C	240-17467-N-2-B MS		240-66323	240-65753	11/20/2012 11:06	1	TAL NC	AC
A:8082/DOD	240-17467-N-2-B MS		240-66323	240-65753	11/27/2012 04:21	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17467-A-2-F MS		320-6611	320-6203	11/21/2012 07:21	1	TAL WSC	TP
A:8330 Modified	240-17467-A-2-F MS		320-6611	320-6203	11/29/2012 16:41	1	TAL WSC	RN
P:8330B	240-17467-A-2-C MS		320-6640	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	240-17467-A-2-C MS		320-6640	320-6199	12/01/2012 08:32	1	TAL WSC	RN
P:7471A	240-17467-L-2-F MS		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17467-L-2-F MS		240-67078	240-66302	11/30/2012 14:28	1	TAL NC	DH
P:353 (NCell-Hyd)	240-17467-A-2-J MS		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17467-A-2-J MS		320-6863	320-6824	12/04/2012 14:42	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Laboratory Chronicle

Lab ID: 240-17467-2 **Client ID: 075SD-0002-0001-SD**

Sample Date/Time: 11/09/2012 14:00 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17467-H-2-A MSD		240-65171	240-64955	11/09/2012 20:15	1	TAL NC	LM
A:8260B/DoD	240-17467-H-2-A MSD		240-65171	240-64955	11/15/2012 18:27	1	TAL NC	TL
P:3540C	240-17467-M-2-C MSD		240-67070	240-65933	11/21/2012 11:36	1	TAL NC	AC
A:8270C/DoD	240-17467-M-2-C MSD		240-67070	240-65933	12/03/2012 20:31	1	TAL NC	MU
P:3540C	240-17467-L-2-I MSD	RE	240-68161	240-67436	12/05/2012 10:50	1	TAL NC	BM
A:8270C/DoD	240-17467-L-2-I MSD	RE	240-68161	240-67436	12/11/2012 21:20	1	TAL NC	MU
P:3540C	240-17467-N-2-F MSD		240-66500	240-65759	11/20/2012 11:21	20	TAL NC	AC
A:8081/DOD	240-17467-N-2-F MSD		240-66500	240-65759	11/28/2012 16:59	20	TAL NC	CV
P:3540C	240-17467-N-2-C MSD		240-66323	240-65753	11/20/2012 11:06	1	TAL NC	AC
A:8082/DOD	240-17467-N-2-C MSD		240-66323	240-65753	11/27/2012 04:36	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17467-A-2-G MSD		320-6611	320-6203	11/21/2012 07:21	1	TAL WSC	TP
A:8330 Modified	240-17467-A-2-G MSD		320-6611	320-6203	11/29/2012 16:55	1	TAL WSC	RN
P:8330B	240-17467-A-2-D MSD		320-6640	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	240-17467-A-2-D MSD		320-6640	320-6199	12/01/2012 09:12	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-17467-A-2-K MSD		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17467-A-2-K MSD		320-6863	320-6824	12/04/2012 14:44	1	TAL WSC	JB

Lab ID: 240-17467-2 **Client ID: 075SD-0002-0001-SD**

Sample Date/Time: 11/09/2012 14:00 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-17467-L-2-E DU		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17467-L-2-E DU		240-67078	240-66302	11/30/2012 14:27	1	TAL NC	DH
A:Moisture	240-17467-J-2 DU		240-64836		11/13/2012 14:09	1	TAL NC	JK

Lab ID: 240-17467-3 **Client ID: 075SD-0004-0001-TB**

Sample Date/Time: 11/09/2012 08:00 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-17467-A-3		240-64831		11/13/2012 14:43	1	TAL NC	RQ
A:8260B/DoD	240-17467-A-3		240-64831		11/13/2012 14:43	1	TAL NC	RQ

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Laboratory Chronicle

Lab ID: 240-17467-4 **Client ID:** 075SD-0003-0001-SD

Sample Date/Time: 11/09/2012 14:00 Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17467-B-4-A		240-65171	240-64955	11/09/2012 20:15	1	TAL NC	LM
A:8260B/DoD	240-17467-B-4-A		240-65171	240-64955	11/15/2012 18:48	1	TAL NC	TL
P:3540C	240-17467-E-4-C		240-67070	240-65933	11/21/2012 11:36	1	TAL NC	AC
A:8270C/DoD	240-17467-E-4-C		240-67070	240-65933	12/03/2012 19:15	1	TAL NC	MU
P:3540C	240-17467-E-4-F	RE	240-68161	240-67436	12/05/2012 10:50	1	TAL NC	BM
A:8270C/DoD	240-17467-E-4-F	RE	240-68161	240-67436	12/11/2012 21:45	1	TAL NC	MU
P:3540C	240-17467-E-4-B		240-66500	240-65759	11/20/2012 11:21	10	TAL NC	AC
A:8081/DOD	240-17467-E-4-B		240-66500	240-65759	11/28/2012 17:27	10	TAL NC	CV
P:3540C	240-17467-E-4-A		240-66323	240-65753	11/20/2012 11:06	1	TAL NC	AC
A:8082/DOD	240-17467-E-4-A		240-66323	240-65753	11/27/2012 04:51	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17467-A-4-C		320-6611	320-6203	11/21/2012 07:21	1	TAL WSC	TP
A:8330 Modified	240-17467-A-4-C		320-6611	320-6203	11/29/2012 17:10	1	TAL WSC	RN
P:8330B	240-17467-A-4-B		320-6640	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	240-17467-A-4-B		320-6640	320-6199	12/01/2012 09:52	1	TAL WSC	RN
P:8330B	240-17467-A-4-B		320-6840	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	240-17467-A-4-B		320-6840	320-6199	12/04/2012 19:07	1	TAL WSC	RN
P:7471A	240-17467-E-4-E		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17467-E-4-E		240-67078	240-66302	11/30/2012 14:45	1	TAL NC	DH
A:Moisture	240-17467-D-4		240-64836		11/13/2012 14:12	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17467-F-4-E		320-6863	320-6824	12/04/2012 07:05	1	TAL WSC	TP
A:WS-WC-0050	240-17467-F-4-E		320-6863	320-6824	12/04/2012 14:46	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17467-1

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 240-65171/8		240-65171		11/15/2012 13:25	1	TAL NC	TL
P:3540C	MB 240-65933/23-A		240-67070	240-65933	11/21/2012 11:36	1	TAL NC	AC
A:8270C/DoD	MB 240-65933/23-A		240-67070	240-65933	12/03/2012 16:43	1	TAL NC	MU
P:3540C	MB 240-67436/23-A		240-67729	240-67436	12/05/2012 10:50	1	TAL NC	BM
A:8270C/DoD	MB 240-67436/23-A		240-67729	240-67436	12/07/2012 14:08	1	TAL NC	MU
P:3540C	MB 240-65759/17-A		240-66500	240-65759	11/20/2012 11:21	1	TAL NC	AC
A:8081/DOD	MB 240-65759/17-A		240-66500	240-65759	11/29/2012 00:47	1	TAL NC	CV
P:3540C	MB 240-65753/23-A		240-66323	240-65753	11/20/2012 11:06	1	TAL NC	AC
A:8082/DOD	MB 240-65753/23-A		240-66323	240-65753	11/27/2012 05:50	1	TAL NC	LH
P:Sieve/Ultrasoni	MB 320-6203/1-A		320-6611	320-6203	11/21/2012 07:21	1	TAL WSC	TP
A:8330 Modified	MB 320-6203/1-A		320-6611	320-6203	11/29/2012 15:58	1	TAL WSC	RN
P:8330B	MB 320-6199/1-A		320-6640	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	MB 320-6199/1-A		320-6640	320-6199	12/01/2012 06:31	1	TAL WSC	RN
P:8330B	MB 320-6199/1-A		320-6840	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	MB 320-6199/1-A		320-6840	320-6199	12/04/2012 16:57	1	TAL WSC	RN
P:7471A	MB 240-66302/1-A		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	MB 240-66302/1-A		240-67078	240-66302	11/30/2012 14:20	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: 240-17467-1

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 240-65171/7		240-65171		11/15/2012 13:03	1	TAL NC	TL
P:3540C	LCS 240-65933/24-A		240-67070	240-65933	11/21/2012 11:36	1	TAL NC	AC
A:8270C/DoD	LCS 240-65933/24-A		240-67070	240-65933	12/03/2012 17:08	1	TAL NC	MU
P:3540C	LCS 240-67436/24-A		240-67729	240-67436	12/05/2012 10:50	1	TAL NC	BM
A:8270C/DoD	LCS 240-67436/24-A		240-67729	240-67436	12/07/2012 14:33	1	TAL NC	MU
P:3540C	LCS 240-65759/18-A		240-66500	240-65759	11/20/2012 11:21	1	TAL NC	AC
A:8081/DOD	LCS 240-65759/18-A		240-66500	240-65759	11/28/2012 15:36	1	TAL NC	CV
P:3540C	LCS 240-65753/24-A		240-66323	240-65753	11/20/2012 11:06	1	TAL NC	AC
A:8082/DOD	LCS 240-65753/24-A		240-66323	240-65753	11/27/2012 08:35	1	TAL NC	LH
P:Sieve/Ultrasoni	LCS 320-6203/2-A		320-6611	320-6203	11/21/2012 07:21	1	TAL WSC	TP
A:8330 Modified	LCS 320-6203/2-A		320-6611	320-6203	11/29/2012 16:12	1	TAL WSC	RN
P:8330B	LCS 320-6199/2-A		320-6640	320-6199	11/21/2012 07:00	1	TAL WSC	TP
A:8330B	LCS 320-6199/2-A		320-6640	320-6199	12/01/2012 07:11	1	TAL WSC	RN
P:7471A	LCS 240-66302/2-A		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	LCS 240-66302/2-A		240-67078	240-66302	11/30/2012 14:22	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

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 240-65171/5		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 240-67070/13		240-67070		12/03/2012 16:18	1	TAL NC	MU
A:8270C/DoD	MRL 240-67070/24		240-67070		12/03/2012 20:56	1	TAL NC	MU
A:8270C/DoD	MRL 240-67729/3		240-67729		12/07/2012 13:43	1	TAL NC	MU
A:8270C/DoD	MRL 240-67729/15		240-67729		12/07/2012 18:43	1	TAL NC	MU
A:8270C/DoD	MRL 240-68161/13		240-68161		12/11/2012 17:36	1	TAL NC	MU
A:8270C/DoD	MRL 240-68161/24		240-68161		12/11/2012 22:10	1	TAL NC	MU
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 240-66323/3		240-66323		11/27/2012 02:07	1	TAL NC	LH
A:8082/DOD	MRL 240-66323/31		240-66323		11/27/2012 09:04	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

Client: Environmental Chemical Corp. Job Number: 240-17467-1

Laboratory Chronicle

Lab References:
TAL NC = TestAmerica Canton
TAL WSC = TestAmerica West Sacramento

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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_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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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
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
EXBNASURRW_00021	07/31/15	11/26/12	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
							4,4'-DDE	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDT	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
							Endosulfan I	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
EXRESTEKSPKW_00017	12/20/12	12/04/12	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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
MTAQUAREGIA_00397	11/26/12	11/26/12	NA, Lot NA	400 mL	MTHCL_00047	300 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00037	100 mL	Nitric acid	0.25 mL/mL
.MTHCL_00047	11/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00401	11/30/12	11/30/12	NA, Lot NA	320 mL	MTHCL_00048	240 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00037	80 mL	Nitric acid	0.25 mL/mL
.MTHCL_00048	11/21/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGCALW_00286	11/30/12	11/30/12	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_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 %
MTHGICVW_00439	11/30/12	11/30/12	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 %
MTKMnO4Liq_00006	10/31/14	Ricca Chemical Company, Lot 2210830			(Purchased Reagent)		Potassium Permanganate	1 g
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 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
..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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloro-m-xylene	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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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@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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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@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

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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		
							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
							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

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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		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDE	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

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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		
..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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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-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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	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
							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-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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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
							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-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-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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1'-Biphenyl	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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-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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Anthracene	1 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Nitrobenzene	1 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dinitrobenzene	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
							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.: 240-17467-1

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.: 240-17467-1

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
							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
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
							Benzo[a]anthracene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							1,1'-Biphenyl	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	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
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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.: 240-17467-1

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
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	15 ug/mL
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Nitrobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1'-Biphenyl	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Naphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Toluene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..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.: 240-17467-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
HP34DNTSU_00008	05/15/13	11/15/12	Acetonitrile, Lot Acetonitrite_00001	50 mL	HP8330SU_00008	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
.HP8330SU_00008	05/15/13	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.: 240-17467-1

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

Lab Name: TestAmerica West Sacramento Job No.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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.: 240-17467-1

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

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.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

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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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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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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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.

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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 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.

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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 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.

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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.

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William J. Leary
Quality Assurance Manager

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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)

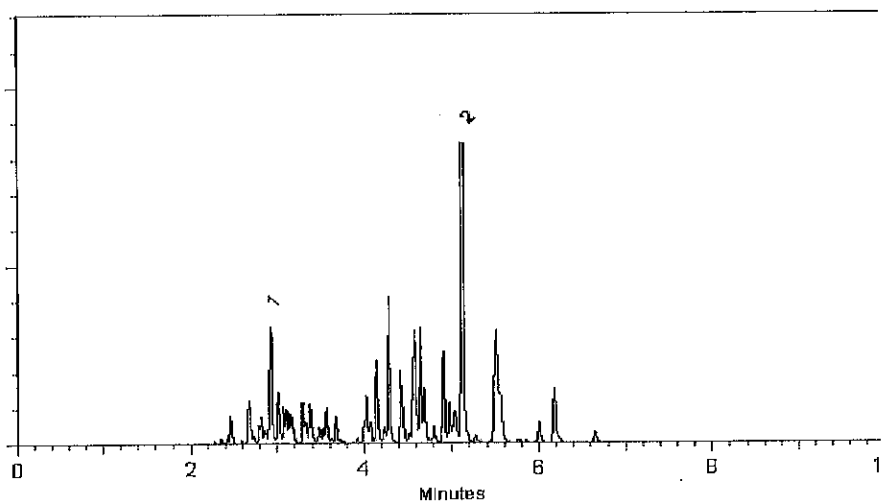
Carrier Gas:
helium-constant pressure 20 psi.

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

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

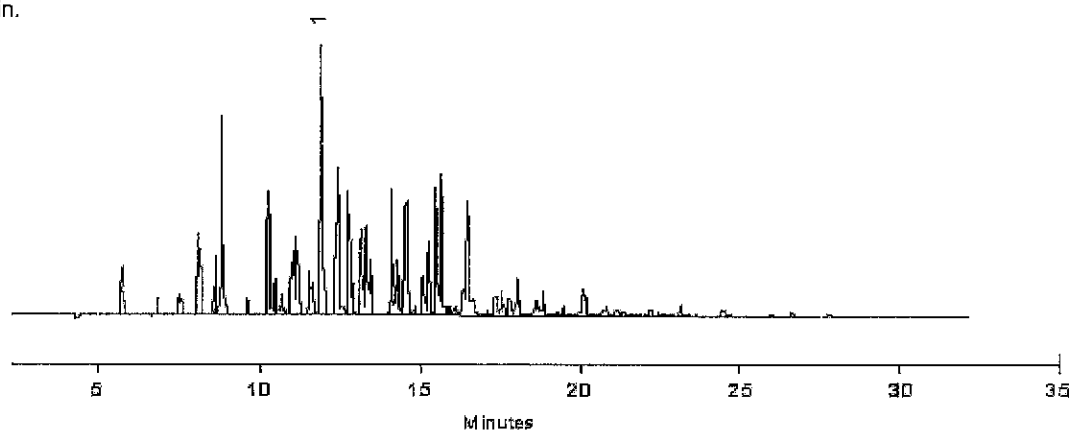
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 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)

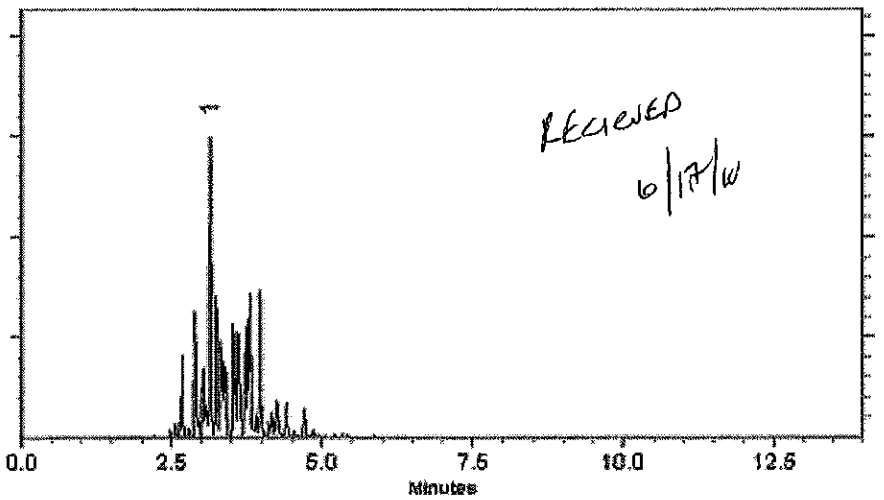
Carrier Gas:
helium-constant pressure 20 psi.

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)

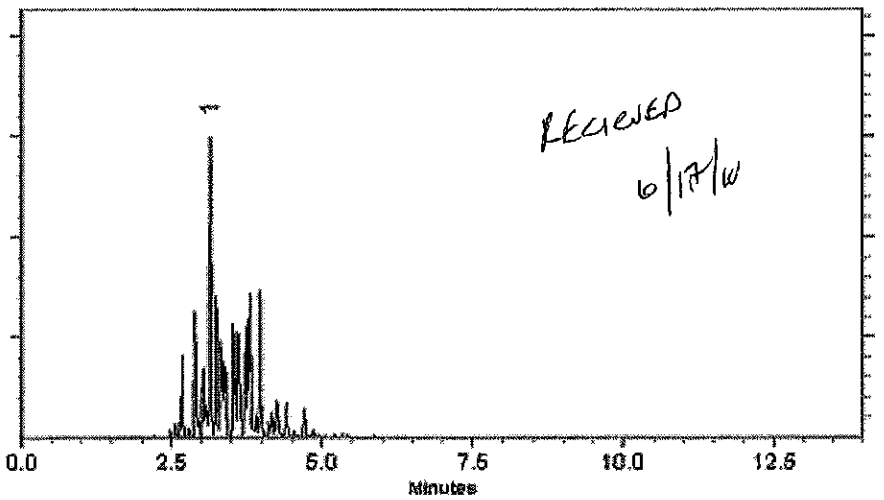
Carrier Gas:
helium-constant pressure 20 psi.

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

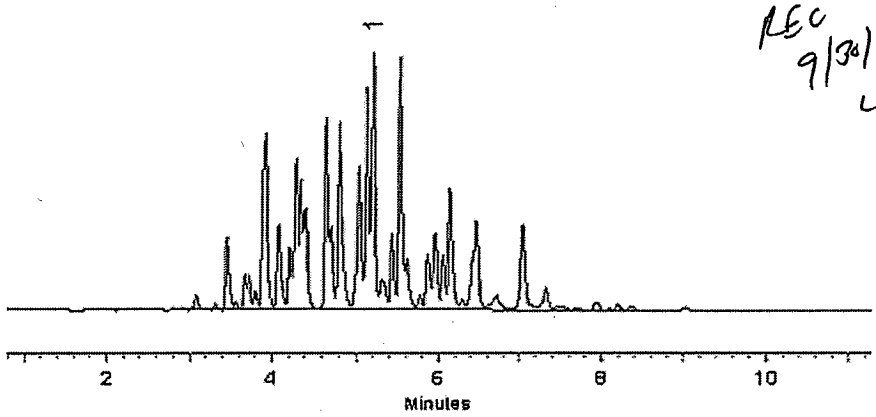
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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)

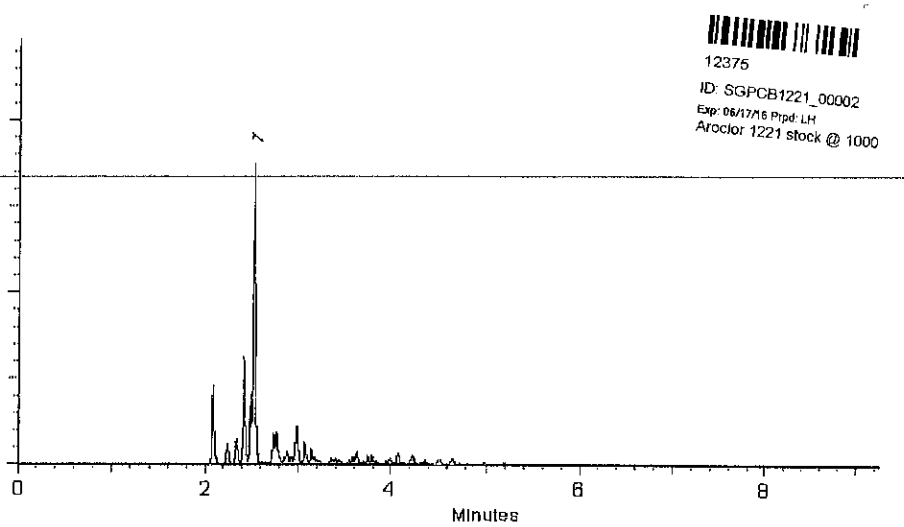
Carrier Gas:
hellum-constant pressure 20 psi.

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
7/2/14

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)

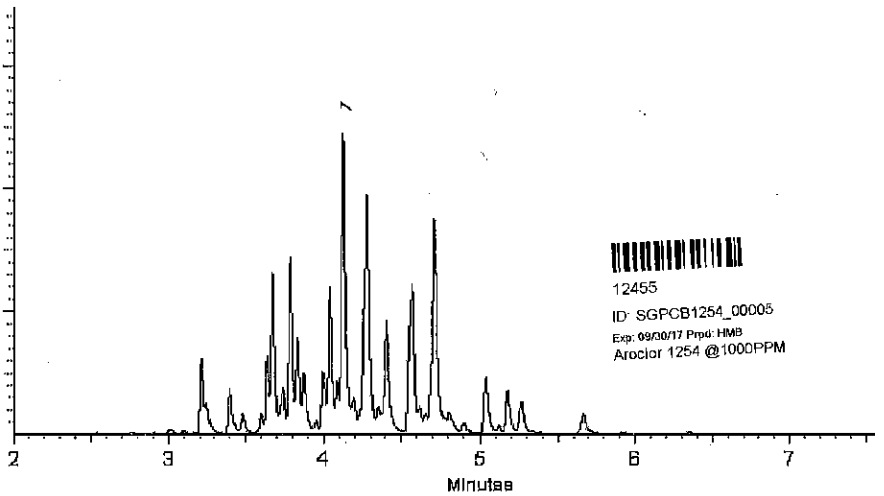
Carrier Gas:
hellum-constant pressure 20 psi.

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)

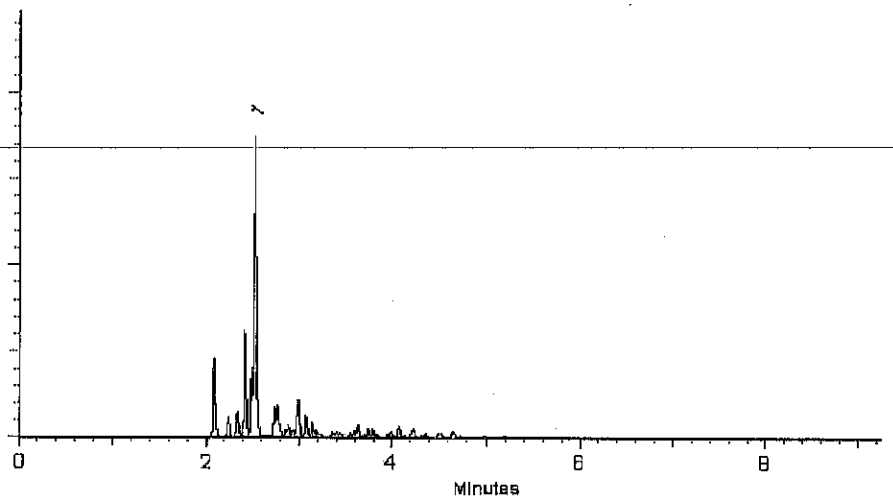
Carrier Gas:
helium-constant pressure 20 psi.

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.

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
7/27/10

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)

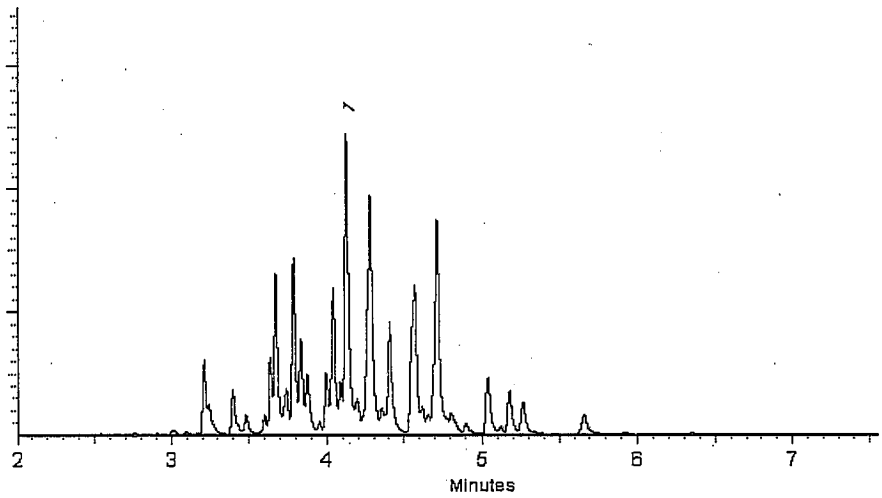
Carrier Gas:
helium-constant pressure 20 psi.

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

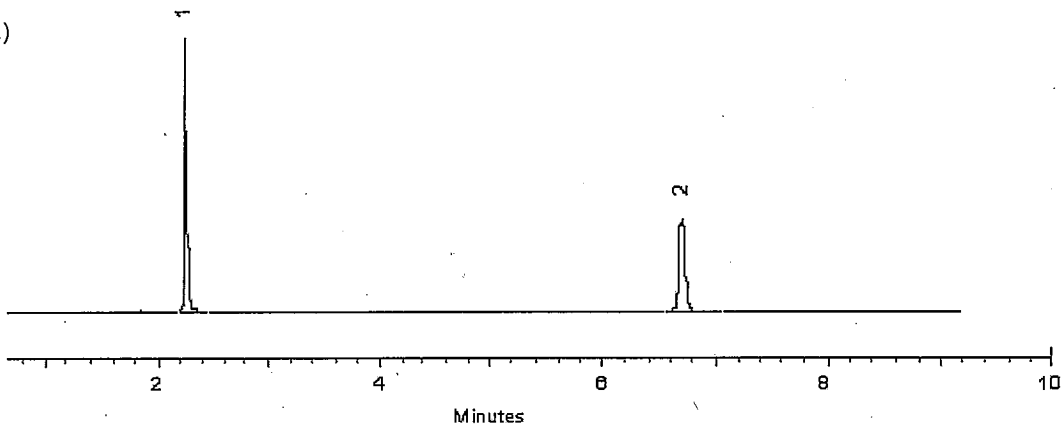
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

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)

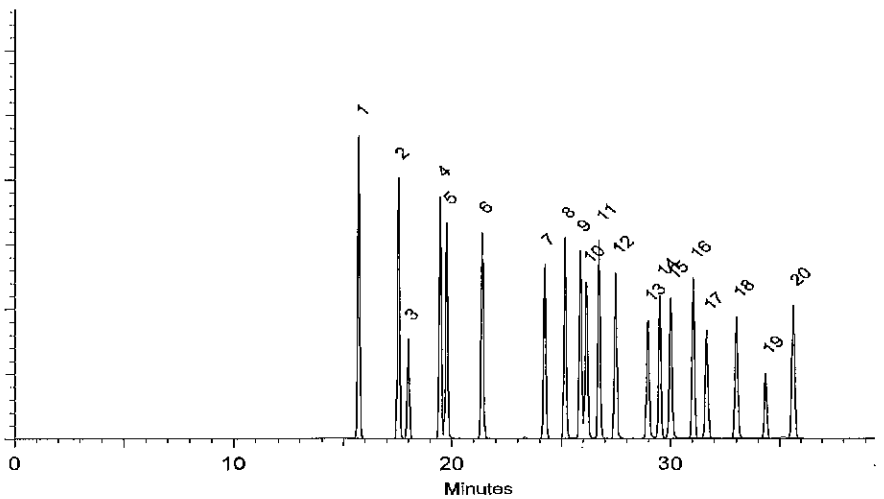
Carrier Gas:
hellium-constant pressure 20 psi.

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)

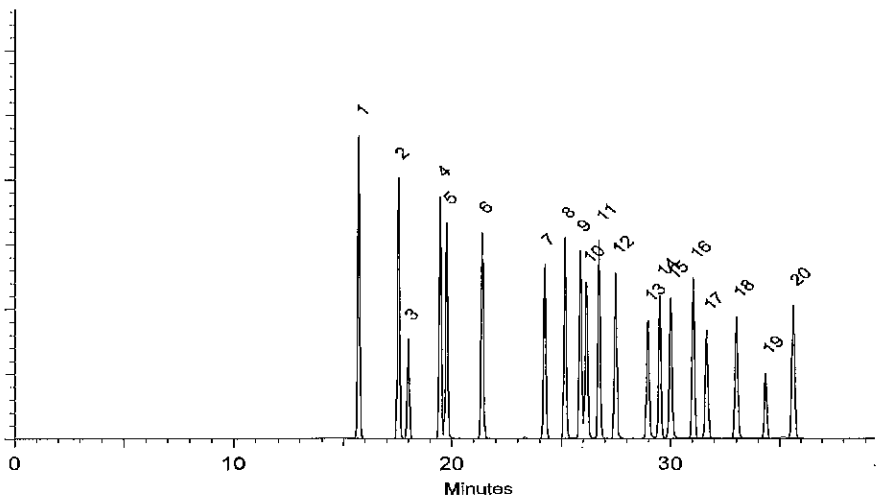
Carrier Gas:
hellium-constant pressure 20 psi.

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

Certificate of Analysis

ULTRA SCIENTIFIC
Analytical Solutions

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
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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

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 .20m
Rtx-CLP II (cat.# 11323)

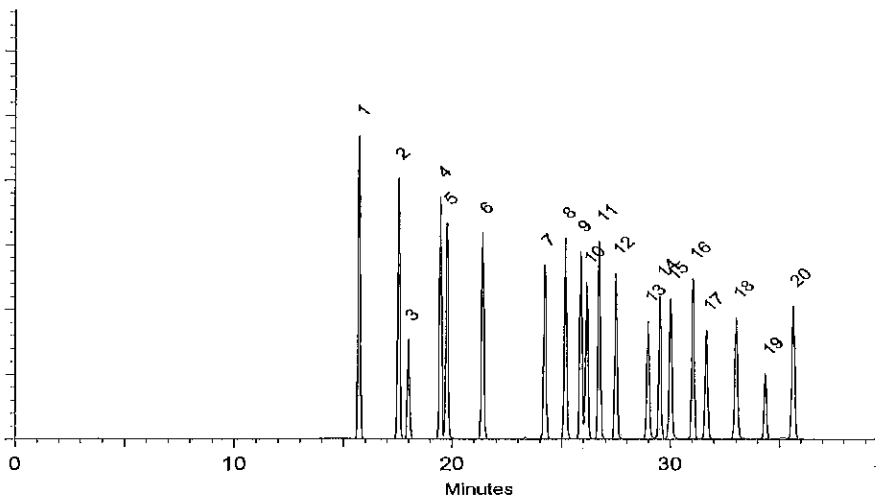
Carrier Gas:
helium-constant pressure 20 psi.

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

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 .20m
Rtx-CLP II (cat.# 11323)

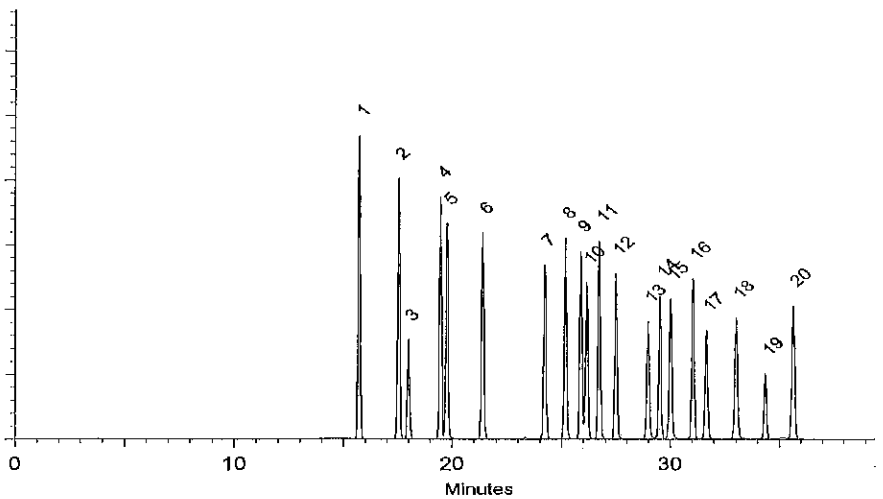
Carrier Gas:
helium-constant pressure 20 psi.

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

Rec'd 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. 2vials

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. : 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)

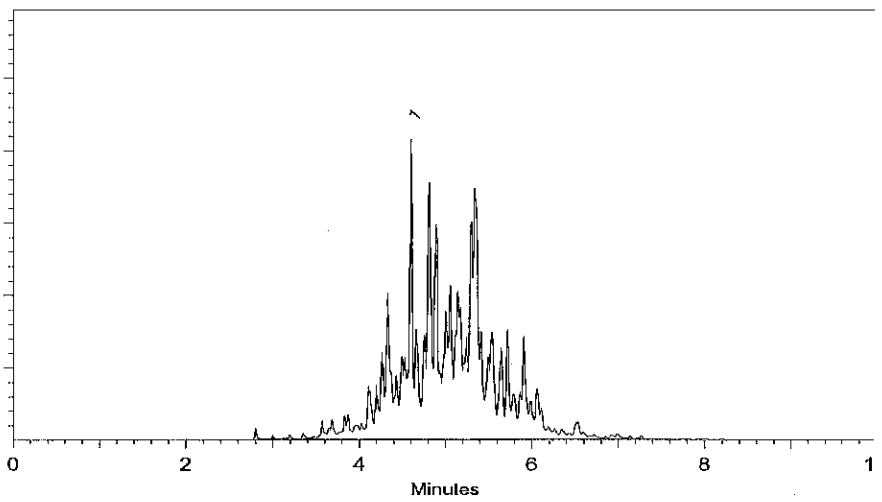
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



110 Benner Circle
Bellefonte, PA 16823-8812
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www.Restek.com

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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

RESTEK

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. : 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)

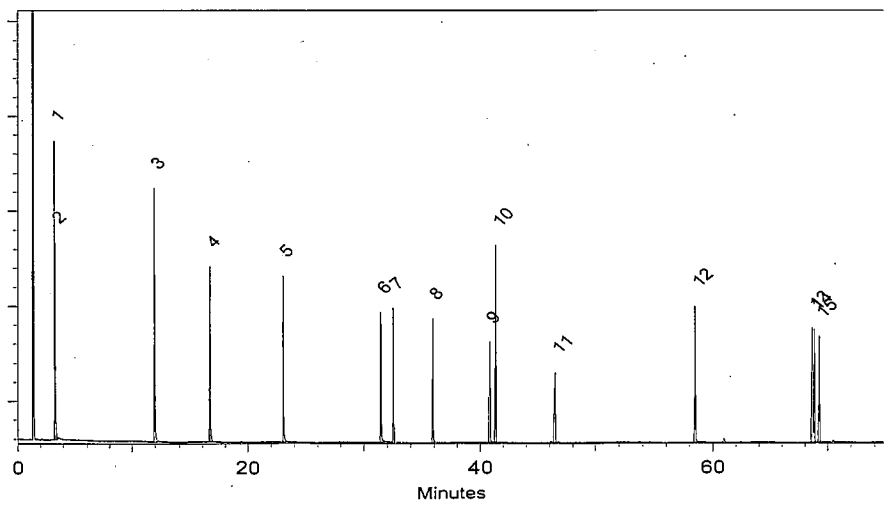
Carrier Gas:
hydrogen-constant pressure 10 psi

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



RESTEK

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Certificate of Analysis

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 Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
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)

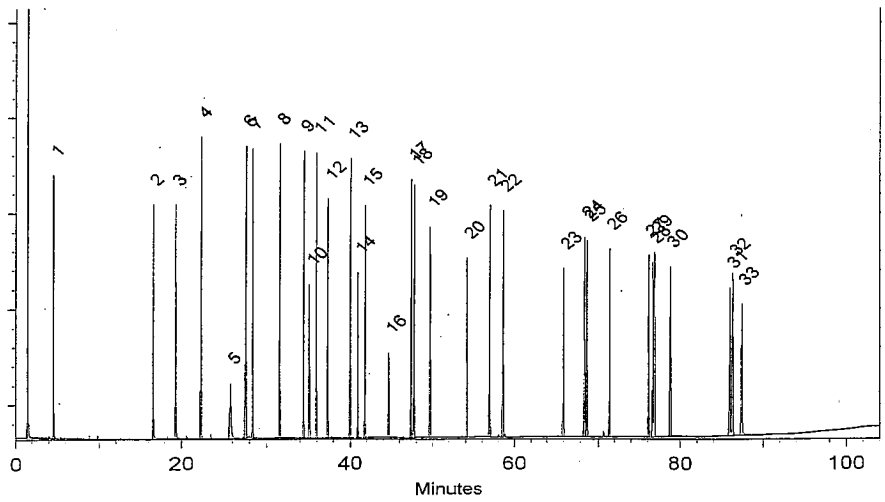
Carrier Gas:
hydrogen-constant pressure 10 psi

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.

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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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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

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Elwood Doughty
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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

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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

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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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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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

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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

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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

(1) Listed in alphabetical order.

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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

(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

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

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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SOLVENT: BENZENE 25 %
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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

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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
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

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Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

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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

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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

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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)

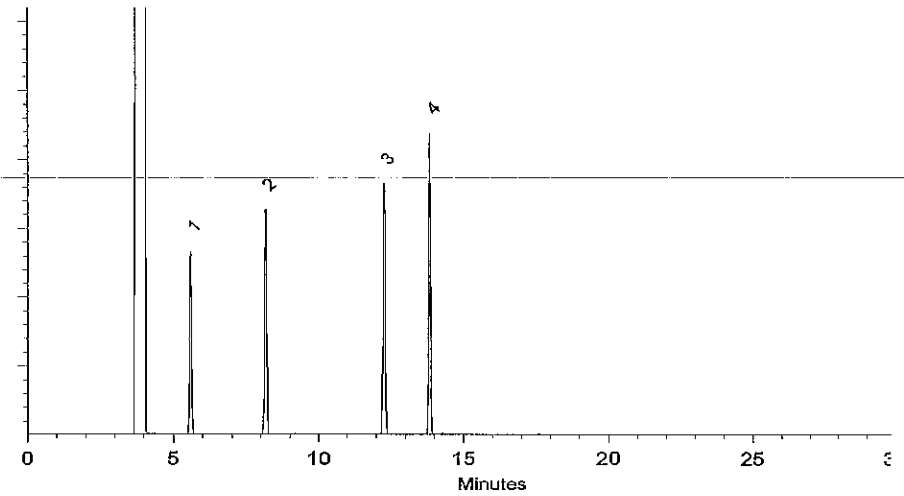
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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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SUPELCO Analytical
595 North Harrison Road
Bellefonte, PA 16823-0048 USA
Phone (814) 359-3441

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

11/23/11
FS

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

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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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6/2/12
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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

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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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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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2/1/12
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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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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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9/20/12
TJ

Custom Standard

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.

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
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William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

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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William J. Leary
Quality Assurance Manager

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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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William J. Leahy
Quality Assurance Manager

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RCC'D 5-15-12

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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.

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

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Certificate of Analysis

RECD 5-15-12

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

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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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Quality Assurance Manager

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RECD
5-15-M

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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Quality Assurance Manager

RESTEK

Certificate of Analysis

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Fax: (814)353-1309

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)

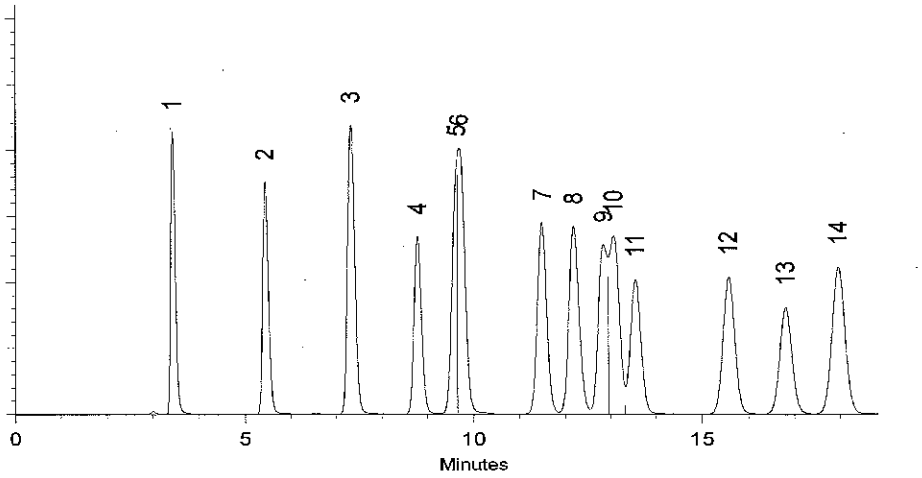
Flow Rate:
1.0 ml/min.

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)

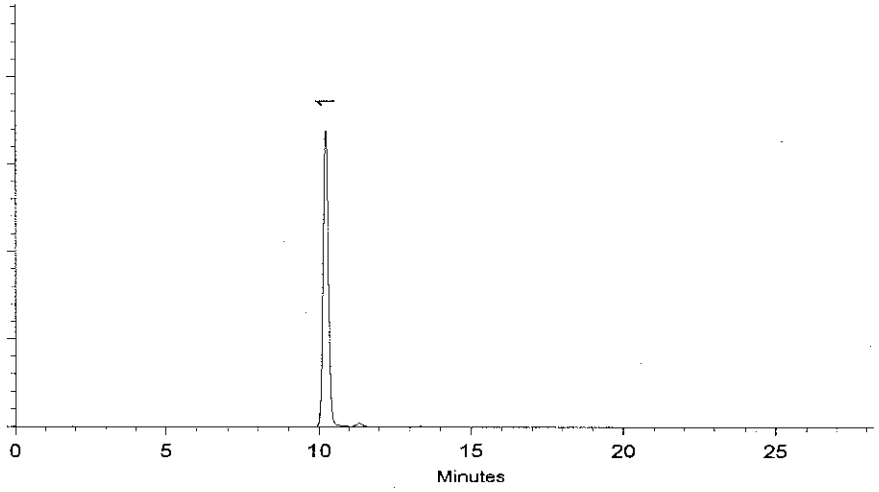
Flow Rate:
1.0 ml/min.

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)

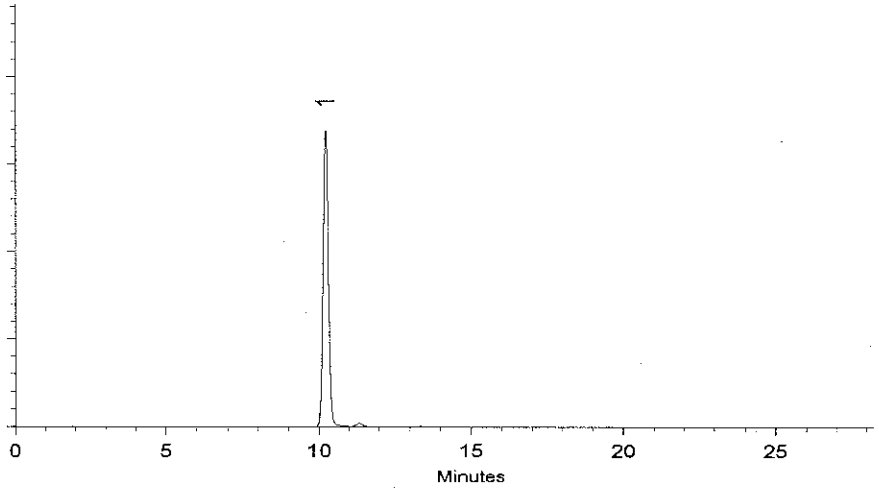
Flow Rate:
1.0 ml/min.

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.

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%

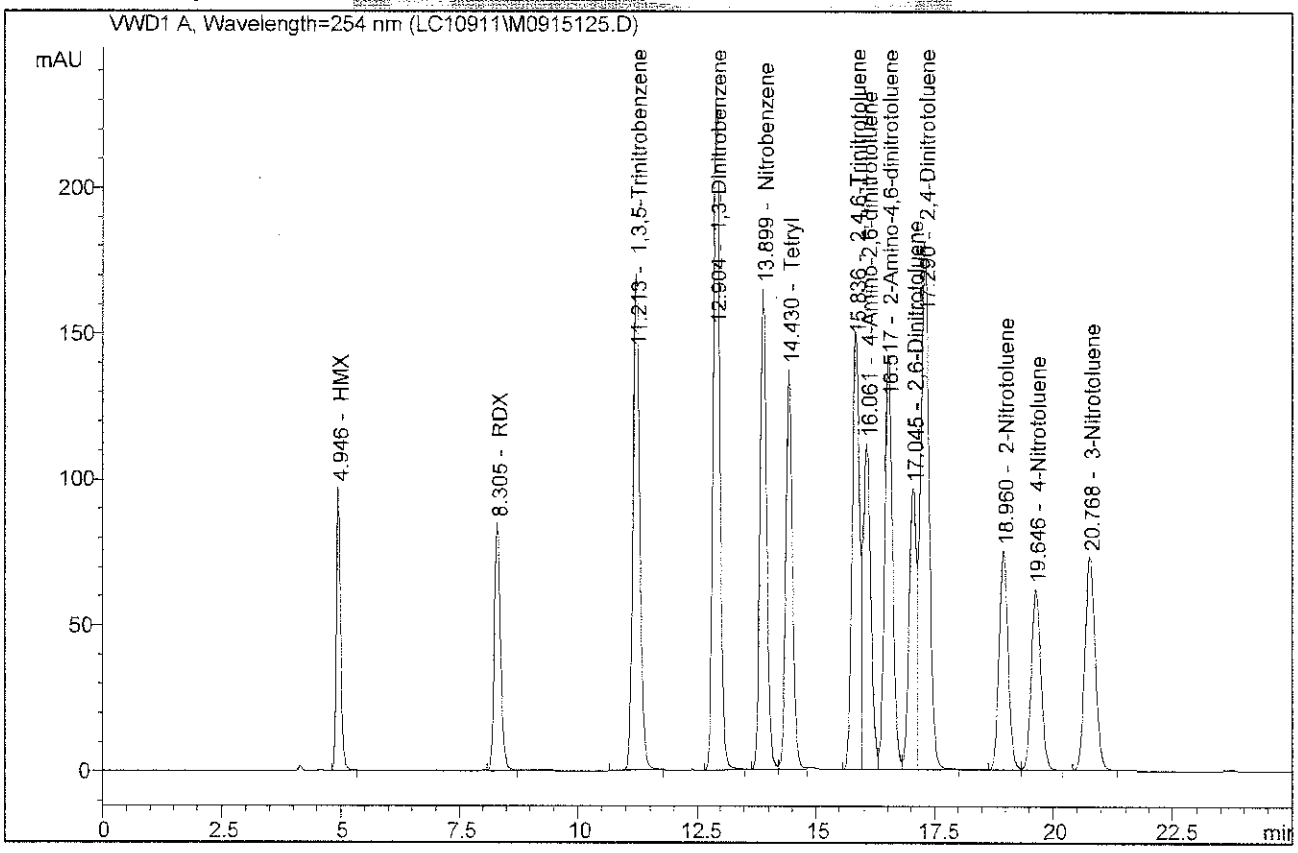
- Concentration is verified through multiple analyses and is calculated as the average of multiple analyses compared to an independently prepared calibration curve.
- Homogeneity is ensured through rigorous production process controls statistically analyzed to evaluate risk and verified by analysis. 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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Certificate of Analysis

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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. : 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)

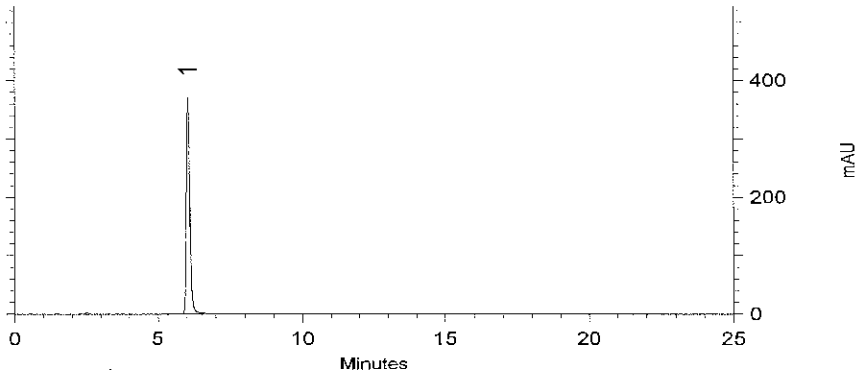
Flow Rate:
1.0 ml/min.

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)

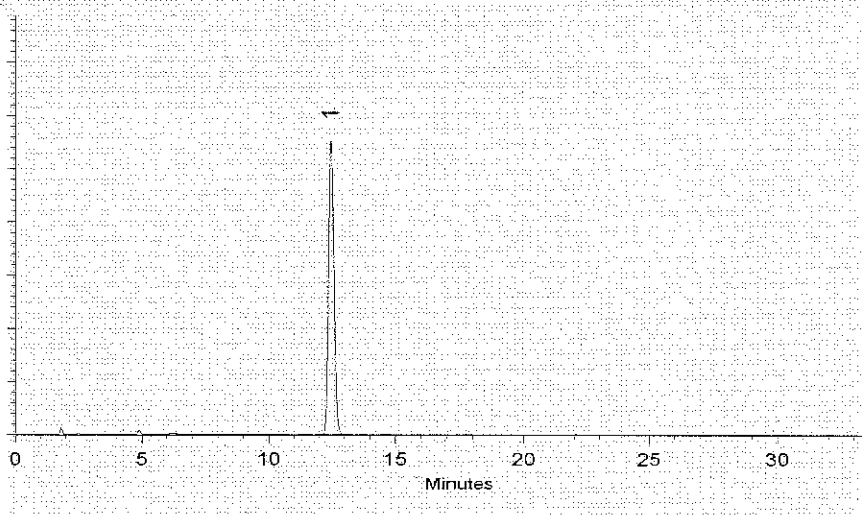
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HP NGTA – 00001

RESTEK

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
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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)

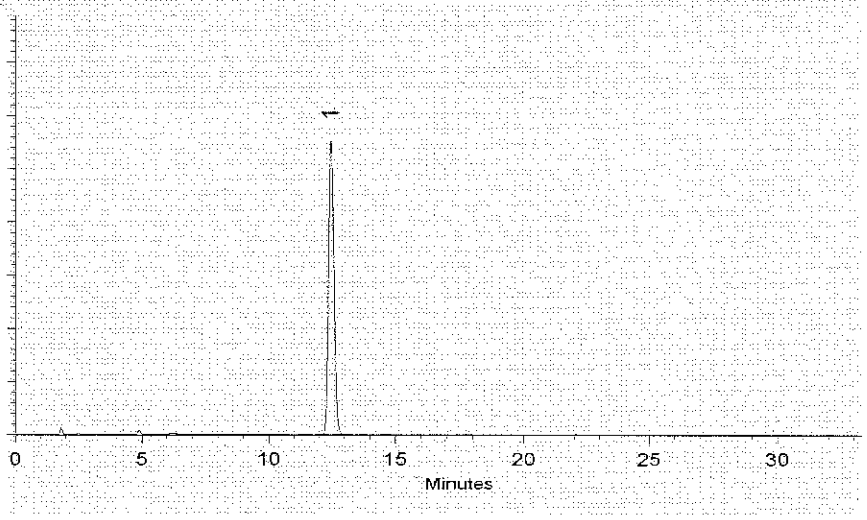
Flow Rate:
1.0 ml/min.

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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Bellefonte, PA 16823-8812
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)

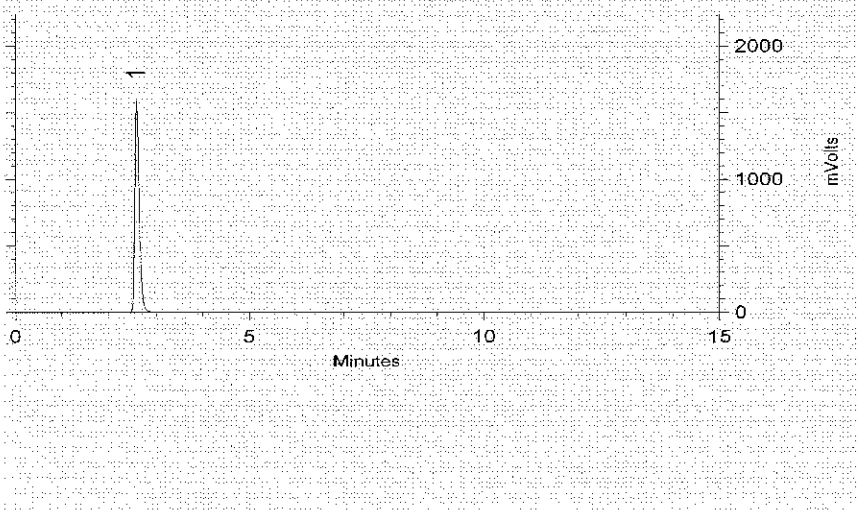
Flow Rate:
1.0 ml/min.

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)

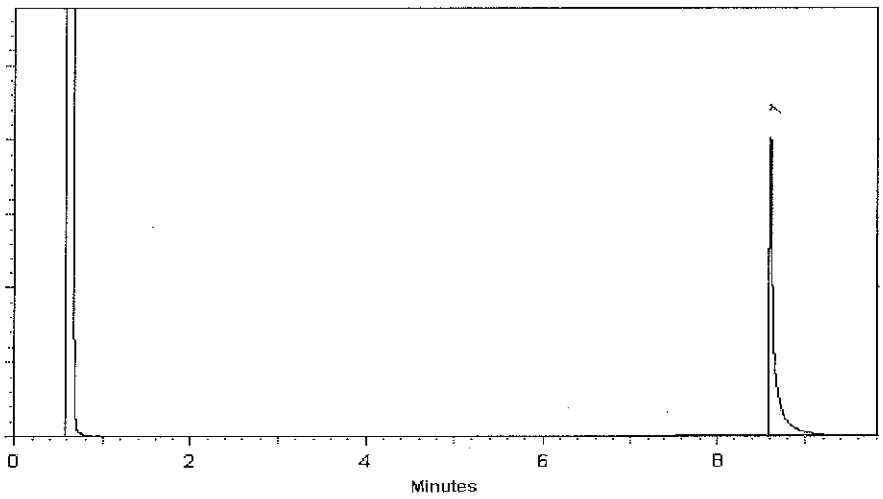
Carrier Gas:
hydrogen-constant flow 11 mL/min

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)

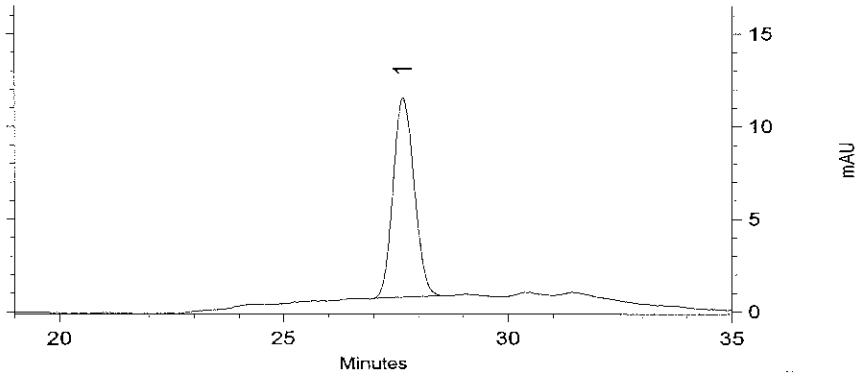
Flow Rate:
1.0 ml/min.

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)

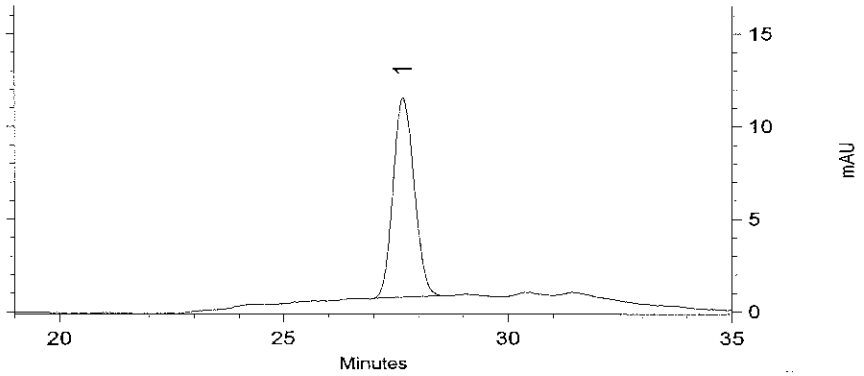
Flow Rate:
1.0 ml/min.

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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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 ACLASS ISO 17025
colitag™ 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: 240-17467-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAP	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAP	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAP	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	NELAP	9	1119CA
TestAmerica West Sacramento	Colorado	State Program	8	N/A
TestAmerica West Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica West Sacramento	Florida	NELAP	4	E87570
TestAmerica West Sacramento	Guam	State Program	9	N/A
TestAmerica West Sacramento	Hawaii	State Program	9	N/A
TestAmerica West Sacramento	Illinois	NELAP	5	200060
TestAmerica West Sacramento	Kansas	NELAP	7	E-10375
TestAmerica West Sacramento	Louisiana	NELAP	6	30612
TestAmerica West Sacramento	Michigan	State Program	5	9947
TestAmerica West Sacramento	Nevada	State Program	9	CA44
TestAmerica West Sacramento	New Jersey	NELAP	2	CA005
TestAmerica West Sacramento	New York	NELAP	2	11666
TestAmerica West Sacramento	Northern Mariana Islands	State Program	9	MP0007
TestAmerica West Sacramento	Oregon	NELAP	10	CA200005
TestAmerica West Sacramento	Pennsylvania	NELAP	3	68-01272
TestAmerica West Sacramento	South Carolina	State Program	4	87014
TestAmerica West Sacramento	Texas	NELAP	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	NELAP	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.: 240-17467-1

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 240-65171/5	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.: 240-17467-1

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 #	
075SD-0002-0001-SD	240-17467-2	82	101	92	98	
075SD-0003-0001-SD	240-17467-4	86	103	98	101	
	MB 240-65171/8	83	95	93	97	
	LCS 240-65171/7	93	94	97	102	
075SD-0002-0001-SD MS	240-17467-2 MS	93	89	114	131	Q
075SD-0002-0001-SD MSD	240-17467-2 MSD	88	96	94	107	

	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.: 240-17467-1

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.: 240-17467-1

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 #
075SD-0004-0001-TB	240-17467-3	107	108	105	92
	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.: 240-17467-1

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	#
1,1,1-Trichloroethane	10.0	10.7	107	65-130	
1,1,2,2-Tetrachloroethane	10.0	9.64	96	65-130	
1,1,2-Trichloroethane	10.0	10.4	104	75-125	
1,1-Dichloroethane	10.0	10.8	108	70-135	
1,1-Dichloroethene	10.0	10.9	109	70-130	
1,2-Dichloroethane	10.0	10.4	104	70-130	
1,2-Dichloropropane	10.0	10.4	104	75-125	
2-Butanone (MEK)	20.0	19.0	95	30-150	
2-Hexanone	20.0	20.0	100	55-130	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	100	60-135	
Acetone	20.0	21.4	107	40-140	
Benzene	10.0	10.4	104	80-120	
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	
Chlorobenzene	10.0	10.1	101	80-120	
Bromodichloromethane	10.0	10.5	105	75-120	
Chloromethane	10.0	9.74	97	40-125	
cis-1,3-Dichloropropene	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	10.1	101	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	
Styrene	10.0	10.7	107	65-135	
Tetrachloroethene	10.0	9.91	99	45-150	
Toluene	10.0	10.4	104	75-120	
Chloroform	10.0	10.1	101	65-135	
Bromochloromethane	10.0	10.2	102	65-130	
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	
Chloroethane	10.0	10.5	105	60-135	
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.: 240-17467-1

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	#
1,1,1-Trichloroethane	50.0	52.5	105	70-135	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	55-130	
1,1,2-Trichloroethane	50.0	53.1	106	60-125	
1,1-Dichloroethane	50.0	51.0	102	75-125	
1,1-Dichloroethene	50.0	49.9	100	65-135	
1,2-Dichloroethane	50.0	50.2	100	70-135	
1,2-Dichloropropane	50.0	52.2	104	70-120	
2-Butanone (MEK)	100	107	107	30-160	
2-Hexanone	100	110	110	45-145	
4-Methyl-2-pentanone (MIBK)	100	111	111	45-145	
Acetone	100	116	116	20-160	
Benzene	50.0	49.4	99	75-125	
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	
Chlorobenzene	50.0	48.4	97	75-125	
Bromodichloromethane	50.0	44.0	88	70-130	
Chloromethane	50.0	48.2	96	50-130	
cis-1,3-Dichloropropene	50.0	46.1	92	70-125	
Dibromochloromethane	50.0	48.1	96	65-130	
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	
Styrene	50.0	52.1	104	75-125	
Tetrachloroethene	50.0	50.1	100	65-140	
Toluene	50.0	49.1	98	70-125	
Chloroform	50.0	48.8	98	70-125	
Bromochloromethane	50.0	49.6	99	70-125	
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	
Chloroethane	50.0	44.2	88	40-155	
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.: 240-17467-1

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	#
1,1,1-Trichloroethane	0.00100	0.00112	112	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.00115	115	70-130	
1,1,2-Trichloroethane	0.00100	0.00107	107	70-130	
1,1-Dichloroethane	0.00100	0.00109	109	70-130	
1,1-Dichloroethene	0.00100	0.00102	102	70-130	
1,2-Dichloroethane	0.00100	0.00113	113	70-130	
1,2-Dichloropropane	0.00100	0.00102	102	70-130	
2-Butanone (MEK)	0.0100	0.00880 J	88	70-130	
2-Hexanone	0.0100	0.00941 J	94	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00913 J	91	70-130	
Acetone	0.0100	0.00924 J	92	70-130	
Benzene	0.00100	0.00113	113	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	
Carbon tetrachloride	0.00100	0.00106	106	70-130	
Chlorobenzene	0.00100	0.00111	111	70-130	
Bromodichloromethane	0.00100	0.00103	103	70-130	
Chloromethane	0.00100	0.00135	135	70-130	^
cis-1,3-Dichloropropene	0.00100	0.000883 J	88	70-130	
Dibromochloromethane	0.00100	0.000963 J	96	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	^
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	
Chloroform	0.00100	0.00108	108	70-130	
Bromochloromethane	0.00100	0.00103	103	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	
Chloroethane	0.00100	0.00143	143	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.: 240-17467-1

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	#
1,1,1-Trichloroethane	0.00100	0.00104	104	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.00103	103	70-130	
1,1,2-Trichloroethane	0.00100	0.00110	110	70-130	
1,1-Dichloroethane	0.00100	0.00105	105	70-130	
1,1-Dichloroethene	0.00100	0.00106	106	70-130	
1,2-Dichloroethane	0.00100	0.00105	105	70-130	
1,2-Dichloropropane	0.00100	0.00100	100	70-130	
2-Butanone (MEK)	0.0100	0.00916 J	92	70-130	
2-Hexanone	0.0100	0.00917 J	92	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00922 J	92	70-130	
Acetone	0.0100	0.00985 J	99	70-130	
Benzene	0.00100	0.00104	104	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	
Carbon tetrachloride	0.00100	0.00103	103	70-130	
Chlorobenzene	0.00100	0.000988 J	99	70-130	
Bromodichloromethane	0.00100	0.000934 J	93	70-130	
Chloromethane	0.00100	0.00124	124	70-130	
cis-1,3-Dichloropropene	0.00100	0.000883 J	88	70-130	
Dibromochloromethane	0.00100	0.000853 J	85	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	^
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	
Chloroform	0.00100	0.00107	107	70-130	
Bromochloromethane	0.00100	0.00109	109	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	
Chloroethane	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.: 240-17467-1

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	#
1,1,1-Trichloroethane	0.00500	0.00465	93	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00464	93	70-130	
1,1,2-Trichloroethane	0.00500	0.00489	98	70-130	
1,1-Dichloroethane	0.00500	0.00470	94	70-130	
1,1-Dichloroethene	0.00500	0.00478	96	70-130	
1,2-Dichloroethane	0.00500	0.00505	101	70-130	
1,2-Dichloropropane	0.00500	0.00485	97	70-130	
2-Butanone (MEK)	0.0100	0.0102	102	70-130	
2-Hexanone	0.0100	0.00914 J	91	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00948 J	95	70-130	
Acetone	0.0100	0.0175	175	70-130	^
Benzene	0.00500	0.00490	98	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	
Chlorobenzene	0.00500	0.00498	100	70-130	
Bromodichloromethane	0.00500	0.00411	82	70-130	
Chloromethane	0.00500	0.00583	117	70-130	
cis-1,3-Dichloropropene	0.00500	0.00504	101	70-130	
Dibromochloromethane	0.00500	0.00454	91	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	
Styrene	0.00500	0.00411	82	70-130	
Tetrachloroethene	0.00500	0.00523	105	70-130	
Toluene	0.00500	0.00494	99	70-130	
Chloroform	0.00500	0.00474	95	70-130	
Bromochloromethane	0.00500	0.00475	95	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	
Chloroethane	0.00500	0.00562	112	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.: 240-17467-1

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	#
1,1,1-Trichloroethane	0.00500	0.00437	87	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00525	105	70-130	
1,1,2-Trichloroethane	0.00500	0.00567	113	70-130	
1,1-Dichloroethane	0.00500	0.00476	95	70-130	
1,1-Dichloroethene	0.00500	0.00467	93	70-130	
1,2-Dichloroethane	0.00500	0.00522	104	70-130	
1,2-Dichloropropane	0.00500	0.00508	102	70-130	
2-Butanone (MEK)	0.0100	0.0119	119	70-130	
2-Hexanone	0.0100	0.0109	109	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0102	102	70-130	
Acetone	0.0100	0.0201	201	70-130	^
Benzene	0.00500	0.00504	101	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	
Chlorobenzene	0.00500	0.00495	99	70-130	
Bromodichloromethane	0.00500	0.00433	87	70-130	
Chloromethane	0.00500	0.00516	103	70-130	
cis-1,3-Dichloropropene	0.00500	0.00542	108	70-130	
Dibromochloromethane	0.00500	0.00492	98	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	
Styrene	0.00500	0.00453	91	70-130	
Tetrachloroethene	0.00500	0.00537	107	70-130	
Toluene	0.00500	0.00512	102	70-130	
Chloroform	0.00500	0.00471	94	70-130	
Bromochloromethane	0.00500	0.00472	94	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	
Chloroethane	0.00500	0.00482	96	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149189.D

Lab ID: 240-17467-2 MS Client ID: 075SD-0002-0001-SD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	77.6	1.5 U	93.6	121	70-135	
1,1,2,2-Tetrachloroethane	77.6	0.76 U	122	157	55-130	J
1,1,2-Trichloroethane	77.6	0.76 U	93.0	120	60-125	
1,1-Dichloroethane	77.6	0.76 U	92.1	119	75-125	
1,1-Dichloroethene	77.6	1.5 U	93.9	121	65-135	
1,2-Dichloroethane	77.6	0.76 U	78.8	102	70-135	
1,2-Dichloropropane	77.6	1.5 U	78.0	101	70-120	
2-Butanone (MEK)	155	3.1 U	134	87	30-160	
2-Hexanone	155	1.6 J	144	92	45-145	
4-Methyl-2-pentanone (MIBK)	155	1.5 U	182	118	45-145	
Acetone	155	9.6 U	179	115	20-160	
Benzene	77.6	0.76 U	81.7	105	75-125	
Bromochloromethane	77.6	1.5 U	81.2	105	70-125	
Bromodichloromethane	77.6	0.76 U	60.4	78	70-130	
Bromoform	77.6	0.76 U	54.6	70	55-135	
Bromomethane	77.6	1.5 U	63.0	81	30-160	
Carbon disulfide	77.6	1.3 J	50.8	64	45-160	
Carbon tetrachloride	77.6	0.76 U	80.2	103	65-135	
Chlorobenzene	77.6	0.76 U	74.1	96	75-125	
Chloroethane	77.6	1.5 U	90.5	117	40-155	
Chloroform	77.6	0.76 U	83.5	108	70-125	
Chloromethane	77.6	0.76 U	92.4	119	50-130	
cis-1,3-Dichloropropene	77.6	0.76 U	49.6	64	70-125	J
Dibromochloromethane	77.6	1.5 U	69.3	89	65-130	
Ethylbenzene	77.6	0.76 U	77.5	100	75-125	
Methyl tert-butyl ether	77.6	0.76 U	82.0	106	70-130	
Methylene Chloride	77.6	1.5 U	98.7	127	55-140	
Styrene	77.6	0.31 J	65.0	83	75-125	
Tetrachloroethene	77.6	1.5 U	83.6	108	65-140	
Toluene	77.6	0.76 U	89.8	116	70-125	
trans-1,3-Dichloropropene	77.6	1.5 U	62.1	80	65-125	
Trichloroethene	77.6	0.76 U	76.9	99	75-125	
Vinyl chloride	77.6	0.76 U	90.7	117	60-125	
Xylenes, Total	233	2.3 U	228	98	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149190.D

Lab ID: 240-17467-2 MSD Client ID: 075SD-0002-0001-SD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	86.9	68.1	78	32	30	70-135	J
1,1,2,2-Tetrachloroethane	86.9	74.7	86	48	30	55-130	J
1,1,2-Trichloroethane	86.9	75.9	87	20	30	60-125	
1,1-Dichloroethane	86.9	72.7	84	24	30	75-125	
1,1-Dichloroethene	86.9	70.0	81	29	30	65-135	
1,2-Dichloroethane	86.9	74.7	86	5	30	70-135	
1,2-Dichloropropane	86.9	73.4	84	6	30	70-120	
2-Butanone (MEK)	174	162	93	18	30	30-160	
2-Hexanone	174	154	87	6	30	45-145	
4-Methyl-2-pentanone (MIBK)	174	168	97	8	30	45-145	
Acetone	174	166	96	7	30	20-160	
Benzene	86.9	68.7	79	17	30	75-125	
Bromochloromethane	86.9	68.9	79	16	30	70-125	
Bromodichloromethane	86.9	59.5	68	1	30	70-130	J
Bromoform	86.9	55.2	64	1	30	55-135	
Bromomethane	86.9	51.9	60	19	30	30-160	
Carbon disulfide	86.9	41.3	46	21	30	45-160	
Carbon tetrachloride	86.9	61.8	71	26	30	65-135	
Chlorobenzene	86.9	53.9	62	32	30	75-125	J
Chloroethane	86.9	63.4	73	35	30	40-155	J
Chloroform	86.9	67.7	78	21	30	70-125	
Chloromethane	86.9	71.2	82	26	30	50-130	
cis-1,3-Dichloropropene	86.9	58.0	67	16	30	70-125	J
Dibromochloromethane	86.9	61.1	70	12	30	65-130	
Ethylbenzene	86.9	54.4	63	35	30	75-125	J
Methyl tert-butyl ether	86.9	73.1	84	11	30	70-130	
Methylene Chloride	86.9	69.0	79	35	30	55-140	J
Styrene	86.9	51.2	59	24	30	75-125	J
Tetrachloroethene	86.9	55.9	64	40	30	65-140	J
Toluene	86.9	61.3	71	38	30	70-125	J
trans-1,3-Dichloropropene	86.9	57.2	66	8	30	65-125	
Trichloroethene	86.9	66.1	76	15	30	75-125	
Vinyl chloride	86.9	70.7	81	25	30	60-125	
Xylenes, Total	261	157	60	37	30	75-125	J

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.: 240-17467-1

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
075SD-0002-0001-SD	240-17467-2	149188.D	11/15/2012 17:44
075SD-0002-0001-SD MS	240-17467-2 MS	149189.D	11/15/2012 18:05
075SD-0002-0001-SD MSD	240-17467-2 MSD	149190.D	11/15/2012 18:27
075SD-0003-0001-SD	240-17467-4	149191.D	11/15/2012 18:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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
075SD-0004-0001-TB	240-17467-3	UXX0870.D	11/13/2012 14:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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.: 240-17467-1

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
075SD-0004-0001-TB	240-17467-3	UXX0870.D	11/13/2012	14:43
	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.: 240-17467-1

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.: 240-17467-1

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
075SD-0002-0001-SD	240-17467-2	149188.D	11/15/2012	17:44
075SD-0002-0001-SD MS	240-17467-2 MS	149189.D	11/15/2012	18:05
075SD-0002-0001-SD MSD	240-17467-2 MSD	149190.D	11/15/2012	18:27
075SD-0003-0001-SD	240-17467-4	149191.D	11/15/2012	18:48
	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.: 240-17467-1

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
240-17467-3	075SD-0004-0001-TB	1650894	5.20	1110891	7.88	523340	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.: 240-17467-1

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 240-65171/3		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
240-17467-2	075SD-0002-0001-SD	1458706	6.89	830777	9.59	460093	11.57
240-17467-2 MS	075SD-0002-0001-SD MS	856621	6.89	389566Q	9.59	134279Q	11.56
240-17467-2 MSD	075SD-0002-0001-SD MSD	1468818	6.89	889316	9.59	448690	11.57
240-17467-4	075SD-0003-0001-SD	1197382	6.89	619701	9.59	299827	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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD | Lab Sample ID: 240-17467-2

Matrix: Solid | Lab File ID: 149188.D

Analysis Method: 8260B/DoD | Date Collected: 11/09/2012 14:00

Sample wt/vol: 5.191(g) | Date Analyzed: 11/15/2012 17:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 37.0 | 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 J	7.6	1.5	0.86
79-34-5	1,1,2,2-Tetrachloroethane	0.76	U J	7.6	0.76	0.52
79-00-5	1,1,2-Trichloroethane	0.76	U	7.6	0.76	0.60
75-34-3	1,1-Dichloroethane	0.76	U	7.6	0.76	0.55
75-35-4	1,1-Dichloroethene	1.5	U	7.6	1.5	0.80
106-93-4	1,2-Dibromoethane	1.5	U	7.6	1.5	0.76
107-06-2	1,2-Dichloroethane	0.76	U	7.6	0.76	0.52
540-59-0	1,2-Dichloroethene, Total	1.5	U J	15	1.5	1.2
78-87-5	1,2-Dichloropropane	1.5	U	7.6	1.5	1.1
78-93-3	2-Butanone (MEK)	3.1	U	31	3.1	2.1
591-78-6	2-Hexanone	1.6	J	31	1.5	0.96
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	31	1.5	0.83
67-64-1	Acetone	9.6	U	31	9.6	9.6
71-43-2	Benzene	0.76	U	7.6	0.76	0.35
74-97-5	Bromochloromethane	1.5	U	7.6	1.5	1.1
75-27-4	Bromodichloromethane	0.76	U J	7.6	0.76	0.43
75-25-2	Bromoform	0.76	U	7.6	0.76	0.50
74-83-9	Bromomethane	1.5	U	7.6	1.5	0.83
75-15-0	Carbon disulfide	1.3	J	7.6	0.76	0.67
56-23-5	Carbon tetrachloride	0.76	U	7.6	0.76	0.57
108-90-7	Chlorobenzene	0.76	U J	7.6	0.76	0.50
75-00-3	Chloroethane	1.5	U J	7.6	1.5	1.3
67-66-3	Chloroform	0.76	U	7.6	0.76	0.44
74-87-3	Chloromethane	0.76	U	7.6	0.76	0.63
10061-01-5	cis-1,3-Dichloropropene	0.76	U J	7.6	0.76	0.52
124-48-1	Dibromochloromethane	1.5	U	7.6	1.5	0.84
100-41-4	Ethylbenzene	0.76	U J	7.6	0.76	0.40
1634-04-4	Methyl tert-butyl ether	0.76	U	7.6	0.76	0.66
75-09-2	Methylene Chloride	1.5	U J	7.6	1.5	1.0
100-42-5	Styrene	0.31	J	7.6	0.76	0.23
127-18-4	Tetrachloroethene	1.5	U J	7.6	1.5	0.80
108-88-3	Toluene	0.76	U J	7.6	0.76	0.41
10061-02-6	trans-1,3-Dichloropropene	1.5	U	7.6	1.5	0.83
79-01-6	Trichloroethene	0.76	U	7.6	0.76	0.64
75-01-4	Vinyl chloride	0.76	U	7.6	0.76	0.60
1330-20-7	Xylenes, Total	2.3	U J	15	2.3	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD Lab Sample ID: 240-17467-2

Matrix: Solid Lab File ID: 149188.D

Analysis Method: 8260B/DoD Date Collected: 11/09/2012 14:00

Sample wt/vol: 5.191(g) Date Analyzed: 11/15/2012 17:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 37.0 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)	101		61-130
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149188.D
Lims ID: 240-17467-D-2-A Client ID: 075SD-0002-0001-SD
Inject. Date: 15-Nov-2012 17:44:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17467-d-2-a
Misc. Info.: 240-0014986-020 =240-0014986-020
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 65171 Lims Sample ID: 20
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 09:12:15

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	1458706	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	830777	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	98	460093	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	72	316644	41.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	92	419865	50.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1148505	46.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	374206	49.1	
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					
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					9
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
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		3.252					
24 Iodomethane	142		3.347					
26 Carbon disulfide	76	3.418	3.418	0.0	73	806	0.8431	
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	100	137556	23.0	

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	77	1953	0.6923	
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	87	952	0.4295	
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					9
41 2-Butanone (MEK)	43		5.701					9
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					9
48 Tetrahydrofuran	42	5.985	5.985	0.0	78	2036	0.6296	
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					9
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62	6.624	6.624	0.0	21	1213	0.1041	
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	52	1063	0.1155	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					9
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					
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	69	2442	0.4766	
72 Toluene	91	8.411	8.411	0.0	81	4293	0.1470	
73 trans-1,3-Dichloropropene	75		8.601					9
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43	8.979	8.979	0.0	63	2829	1.06	
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	9.204	0.0	37	476	0.1232	
81 1-Chlorohexane	91	9.594	9.594	0.0	11	2009	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	31	988	0.0956	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	91	2975	0.2348	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.162	0.0	77	3466	0.2003	
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	16	3311	2.78	
90 1,1,2,2-Tetrachloroethane	83		10.707					9
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					
95 2-Chlorotoluene	126	10.884	10.884	0.0	29	912	0.1114	
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126	10.967	10.967	0.0	62	953	0.1214	
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	50	2844	0.1756	
101 4-Isopropyltoluene	119		11.535					9
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	36	4767	0.2840	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91		11.878					9
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	59	2327	0.1487	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	42	2454	0.2221	
110 Hexachlorobutadiene	225		13.369					
111 Naphthalene	128	13.440	13.440	0.0	63	6672	0.3519	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	52	1812	0.1972	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	919606	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1092972	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		0.2348	

QC Flag Legend

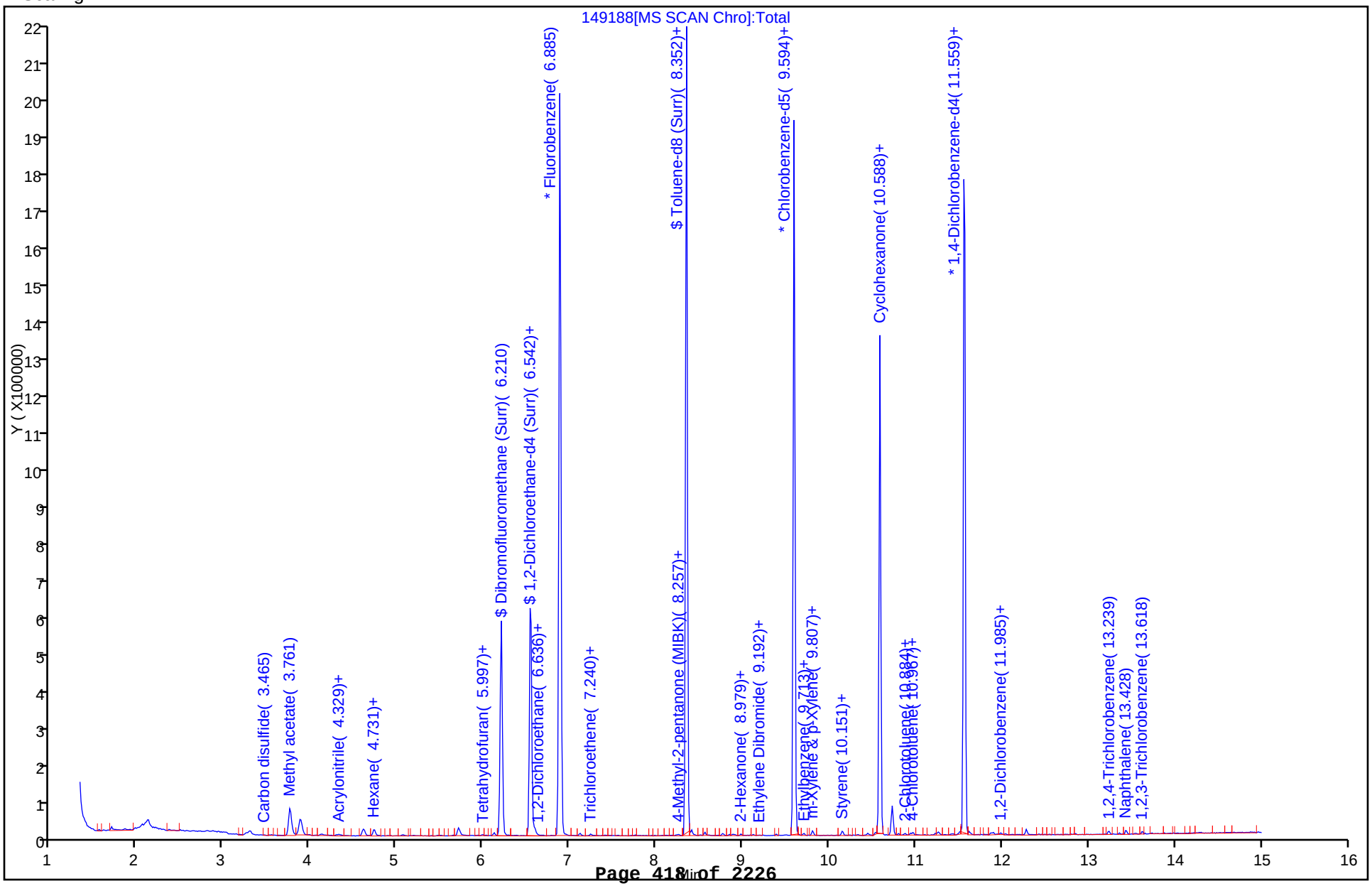
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 17-Nov-2012 10:21:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149188.D		
Injection Date:	15-Nov-2012 17:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	20
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



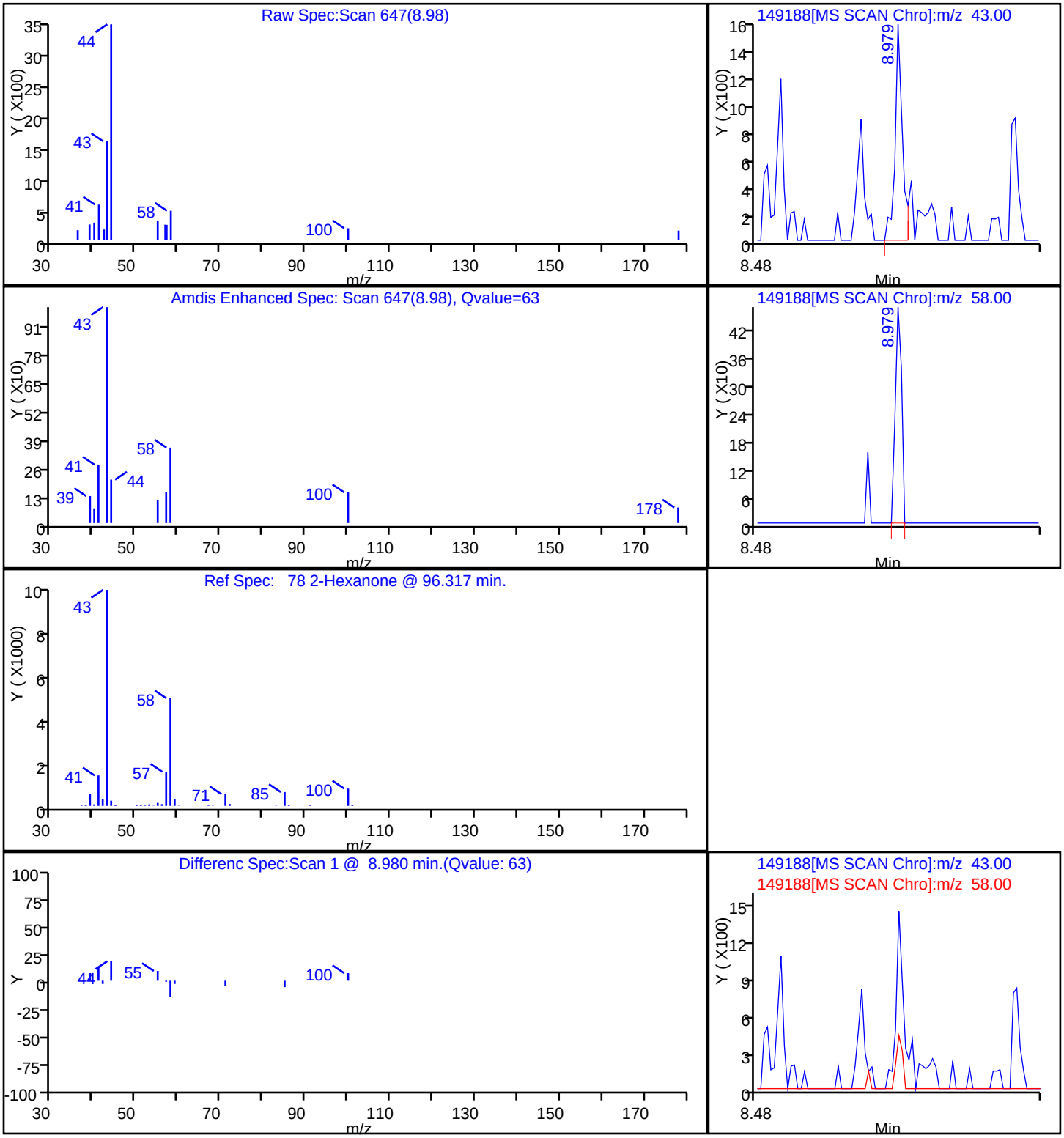
Report Date: 17-Nov-2012 10:21:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149188.D

Injection Date:	15-Nov-2012 17:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	20
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



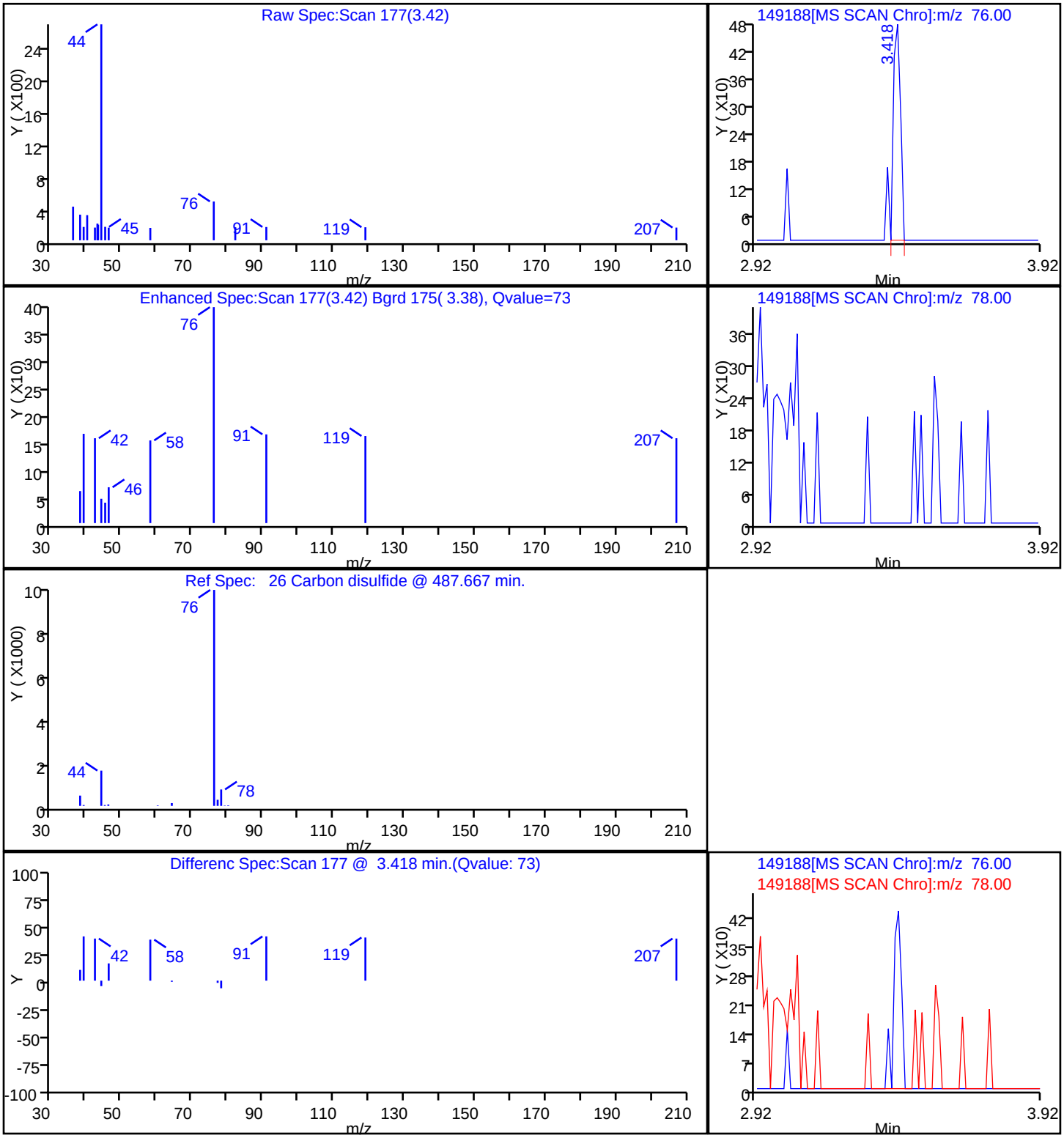
Report Date: 17-Nov-2012 10:21:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149188.D

Injection Date:	15-Nov-2012 17:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	20
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



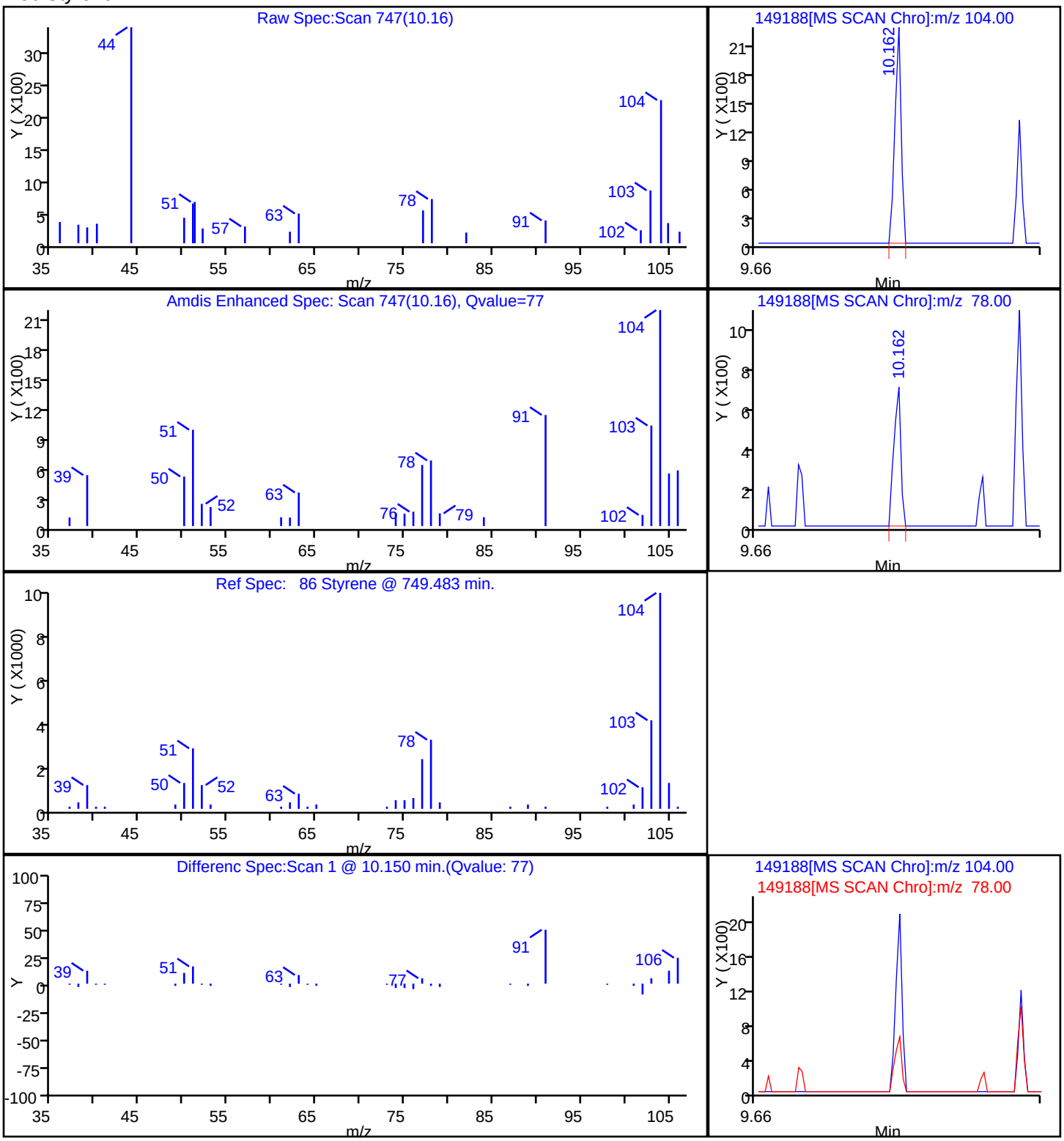
Report Date: 17-Nov-2012 10:21:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149188.D

Injection Date:	15-Nov-2012 17:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	20
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0004-0001-TB | Lab Sample ID: 240-17467-3

Matrix: Water | Lab File ID: UXX0870.D

Analysis Method: 8260B/DoD | Date Collected: 11/09/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 14:43

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
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
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
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
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
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
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
74-87-3	Chloromethane	0.50	U	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
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
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	0.50	U	1.0	0.50	0.33
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
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
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0004-0001-TB Lab Sample ID: 240-17467-3

Matrix: Water Lab File ID: UXX0870.D

Analysis Method: 8260B/DoD Date Collected: 11/09/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 14:43

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)	108		70-120
460-00-4	4-Bromofluorobenzene (Surr)	92		75-120
1868-53-7	Dibromofluoromethane (Surr)	107		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0870.D
Lims ID: 240-17467-A-3 Client ID: 075SD-0004-0001-TB
Inject. Date: 13-Nov-2012 14:43:30 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#: 9
Lims Batch ID: 64831 Lims Sample ID: 10
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	5.204	5.204	0.0	99	1650894	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	85	1110891	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.126	0.001	94	523340	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	60	484756	10.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.911	0.009	0	572767	10.8	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	1833799	10.5	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	91	533179	9.22	
13 Chloromethane	50	1.690	1.692	-0.002	68	16137	0.2544	
14 Vinyl chloride	62		1.799					
16 Bromomethane	94	2.104	2.083	0.021	21	3657	0.1557	
17 Chloroethane	64		2.165					9
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.816					
27 Carbon disulfide	76		3.006					
31 Methylene Chloride	84	3.193	3.195	-0.002	72	18334	0.3218	
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	4.246	4.236	0.010	52	2859	0.1318	
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					
72 4-Methyl-2-pentanone (MIBK)	43		6.437					
73 Toluene	91		6.626					9

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
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

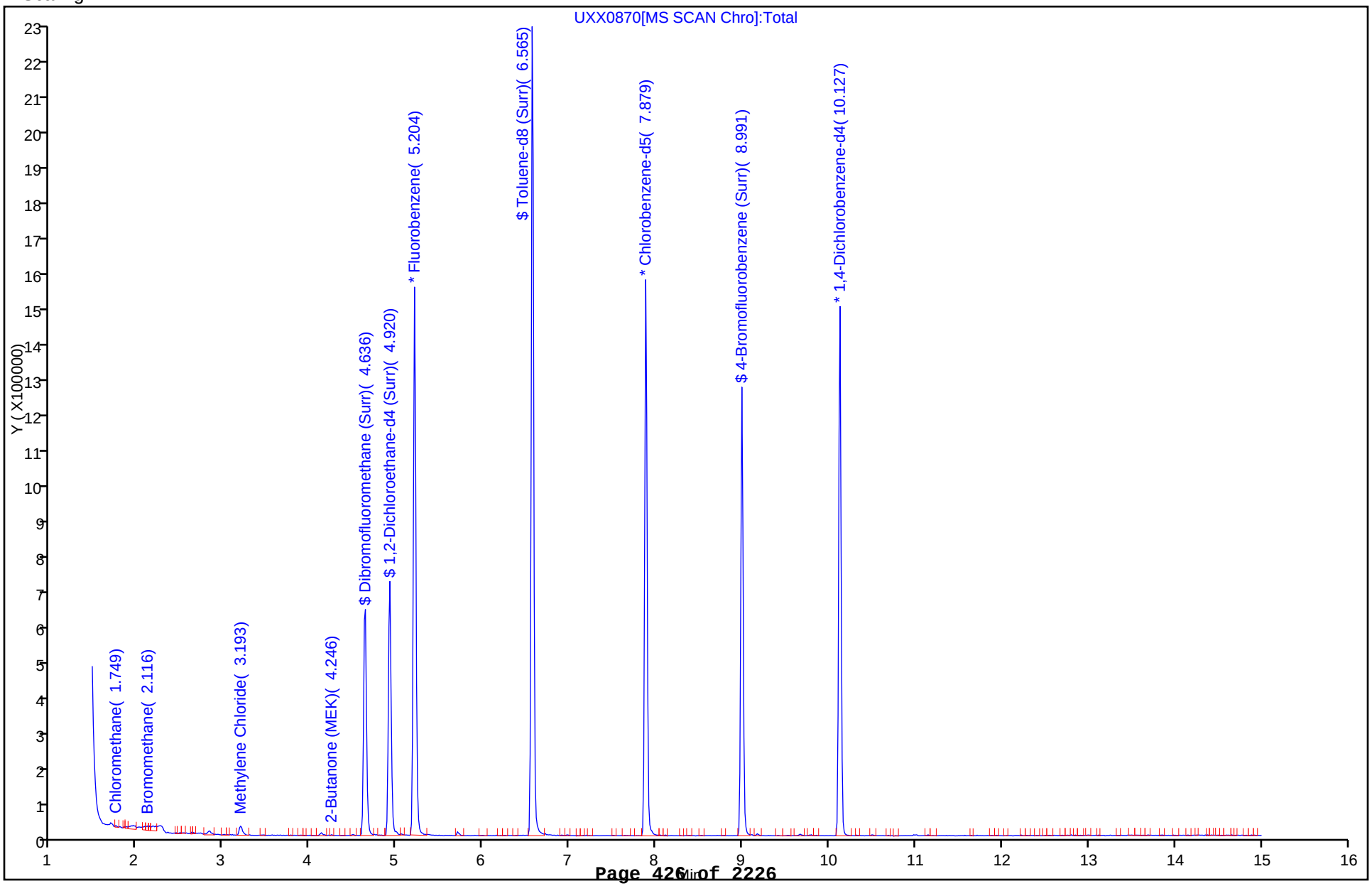
Report Date: 15-Nov-2012 13:51:01 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0870.D

Injection Date:	13-Nov-2012 14:43:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0004-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	10
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD | Lab Sample ID: 240-17467-4

Matrix: Solid | Lab File ID: 149191.D

Analysis Method: 8260B/DoD | Date Collected: 11/09/2012 14:00

Sample wt/vol: 4.933(g) | Date Analyzed: 11/15/2012 18:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 36.9 | 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	1.6	U	8.0	1.6	0.90
79-34-5	1,1,2,2-Tetrachloroethane	0.80	U	8.0	0.80	0.55
79-00-5	1,1,2-Trichloroethane	0.80	U	8.0	0.80	0.63
75-34-3	1,1-Dichloroethane	0.80	U	8.0	0.80	0.58
75-35-4	1,1-Dichloroethene	1.6	U	8.0	1.6	0.83
106-93-4	1,2-Dibromoethane	1.6	U	8.0	1.6	0.80
107-06-2	1,2-Dichloroethane	0.80	U	8.0	0.80	0.55
540-59-0	1,2-Dichloroethene, Total	1.6	U	16	1.6	1.2
78-87-5	1,2-Dichloropropane	1.6	U	8.0	1.6	1.1
78-93-3	2-Butanone (MEK)	3.2	U	32	3.2	2.2
591-78-6	2-Hexanone	1.6	U	32	1.6	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	J	32	1.6	0.87
67-64-1	Acetone	10	U	32	10	10
71-43-2	Benzene	0.80	U	8.0	0.80	0.37
74-97-5	Bromochloromethane	1.6	U	8.0	1.6	1.1
75-27-4	Bromodichloromethane	0.80	U	8.0	0.80	0.45
75-25-2	Bromoform	0.80	U	8.0	0.80	0.53
74-83-9	Bromomethane	1.6	U	8.0	1.6	0.87
75-15-0	Carbon disulfide	0.80	U	8.0	0.80	0.71
56-23-5	Carbon tetrachloride	0.80	U	8.0	0.80	0.59
108-90-7	Chlorobenzene	0.80	U	8.0	0.80	0.53
75-00-3	Chloroethane	1.6	U	8.0	1.6	1.4
67-66-3	Chloroform	0.80	U	8.0	0.80	0.47
74-87-3	Chloromethane	0.80	U	8.0	0.80	0.66
10061-01-5	cis-1,3-Dichloropropene	0.80	U	8.0	0.80	0.55
124-48-1	Dibromochloromethane	1.6	U	8.0	1.6	0.88
100-41-4	Ethylbenzene	0.80	U	8.0	0.80	0.42
1634-04-4	Methyl tert-butyl ether	0.80	U	8.0	0.80	0.69
75-09-2	Methylene Chloride	4.1	J	8.0	1.6	1.1
100-42-5	Styrene	0.32	J	8.0	0.80	0.24
127-18-4	Tetrachloroethene	1.6	U	8.0	1.6	0.83
108-88-3	Toluene	0.80	U	8.0	0.80	0.43
10061-02-6	trans-1,3-Dichloropropene	1.6	U	8.0	1.6	0.87
79-01-6	Trichloroethene	0.80	U	8.0	0.80	0.67
75-01-4	Vinyl chloride	0.80	U	8.0	0.80	0.63
1330-20-7	Xylenes, Total	2.4	U	16	2.4	1.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD Lab Sample ID: 240-17467-4

Matrix: Solid Lab File ID: 149191.D

Analysis Method: 8260B/DoD Date Collected: 11/09/2012 14:00

Sample wt/vol: 4.933(g) Date Analyzed: 11/15/2012 18:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 36.9 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)	103		61-130
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120
1868-53-7	Dibromofluoromethane (Surr)	86		59-138
2037-26-5	Toluene-d8 (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149191.D
Lims ID: 240-17467-B-4-A Client ID: 075SD-0003-0001-SD
Inject. Date: 15-Nov-2012 18:48:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17467-b-4-a
Misc. Info.: 240-0014986-023 =240-0014986-023
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 22
Lims Batch ID: 65171 Lims Sample ID: 23
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 09:16:31

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	1197382	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	619701	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	299827	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	271174	42.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	350893	51.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	907629	48.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	250745	50.5	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					9
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	91	14035	1.76	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84	3.879	3.879	0.0	85	60141	2.58	
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					9
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	58	1224	0.1620	
62 1,2-Dichloropropane	63		7.453					9
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	76	2604	0.6813	
72 Toluene	91	8.411	8.411	0.0	81	4466	0.2050	
73 trans-1,3-Dichloropropene	75		8.601					9
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107	9.204	9.204	0.0	38	421	0.1460	
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	36	890	0.1154	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	91	2563	0.2712	
85 o-Xylene	106	10.151	10.151	0.0	37	1044	0.1035	
86 Styrene	104	10.162	10.162	0.0	65	2589	0.2006	
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		0.3747	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

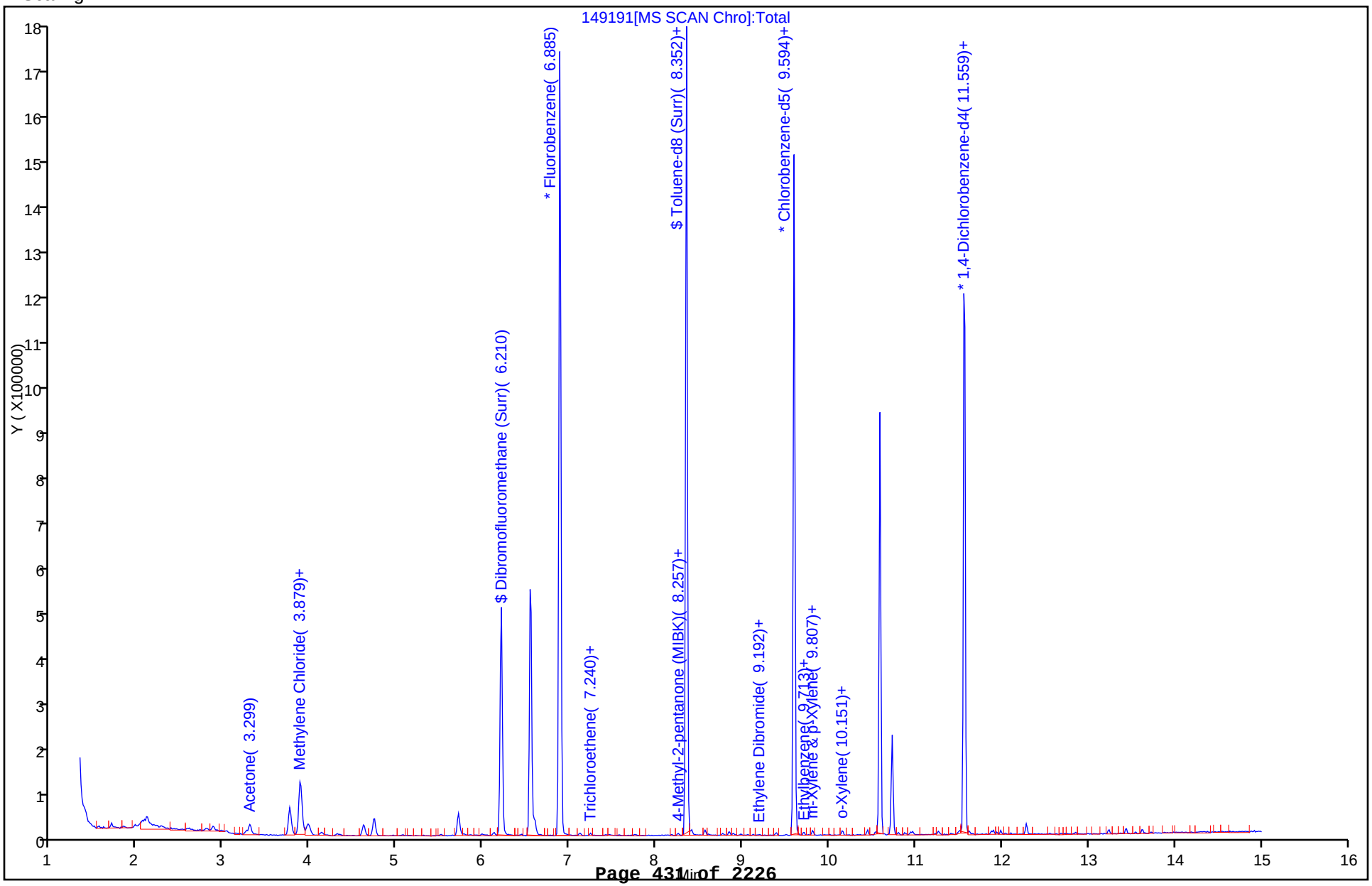
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149191.D

Injection Date:	15-Nov-2012 18:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	23
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



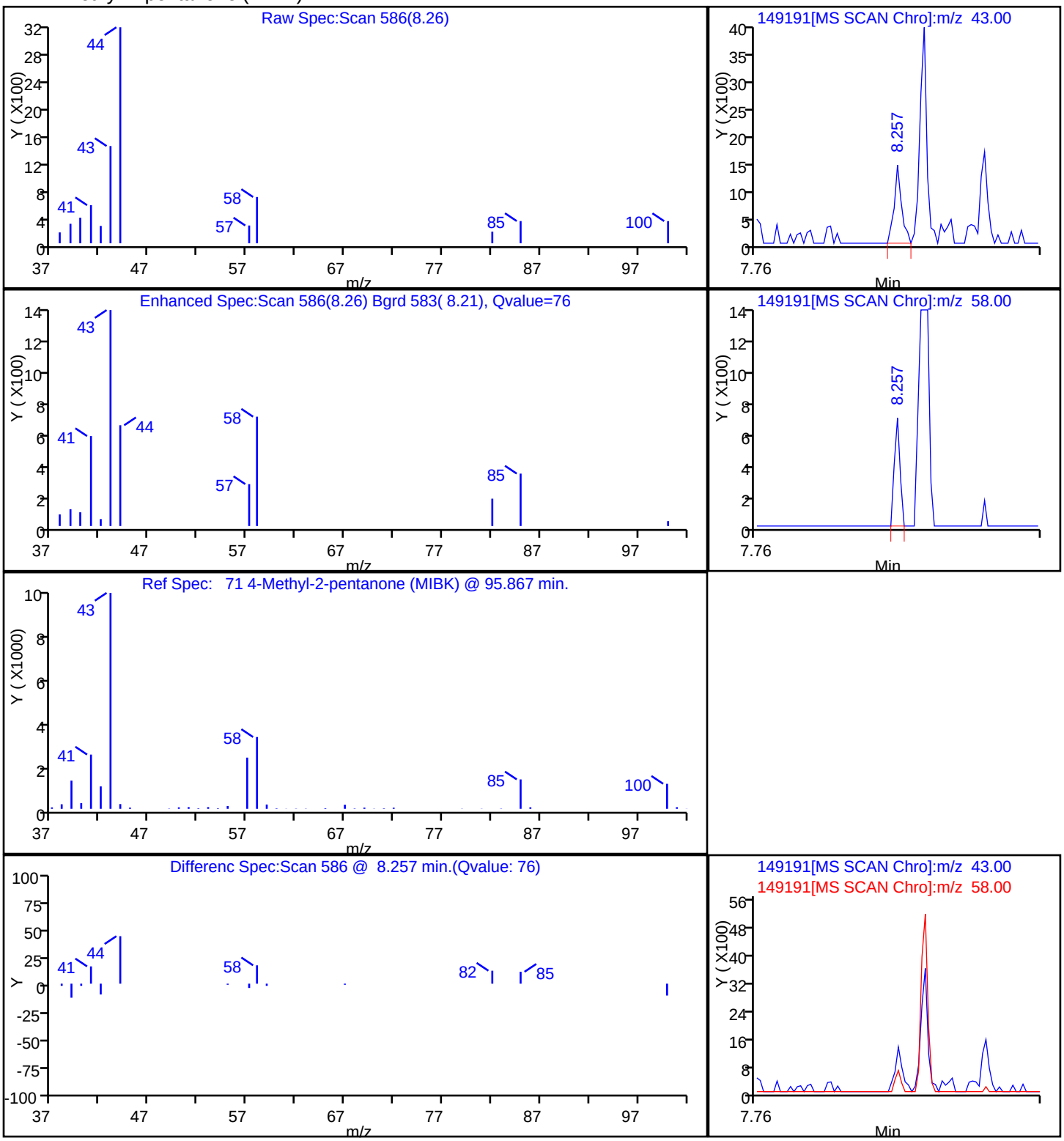
Report Date: 16-Nov-2012 09:58:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149191.D

Injection Date:	15-Nov-2012 18:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	23
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

71 4-Methyl-2-pentanone (MIBK)



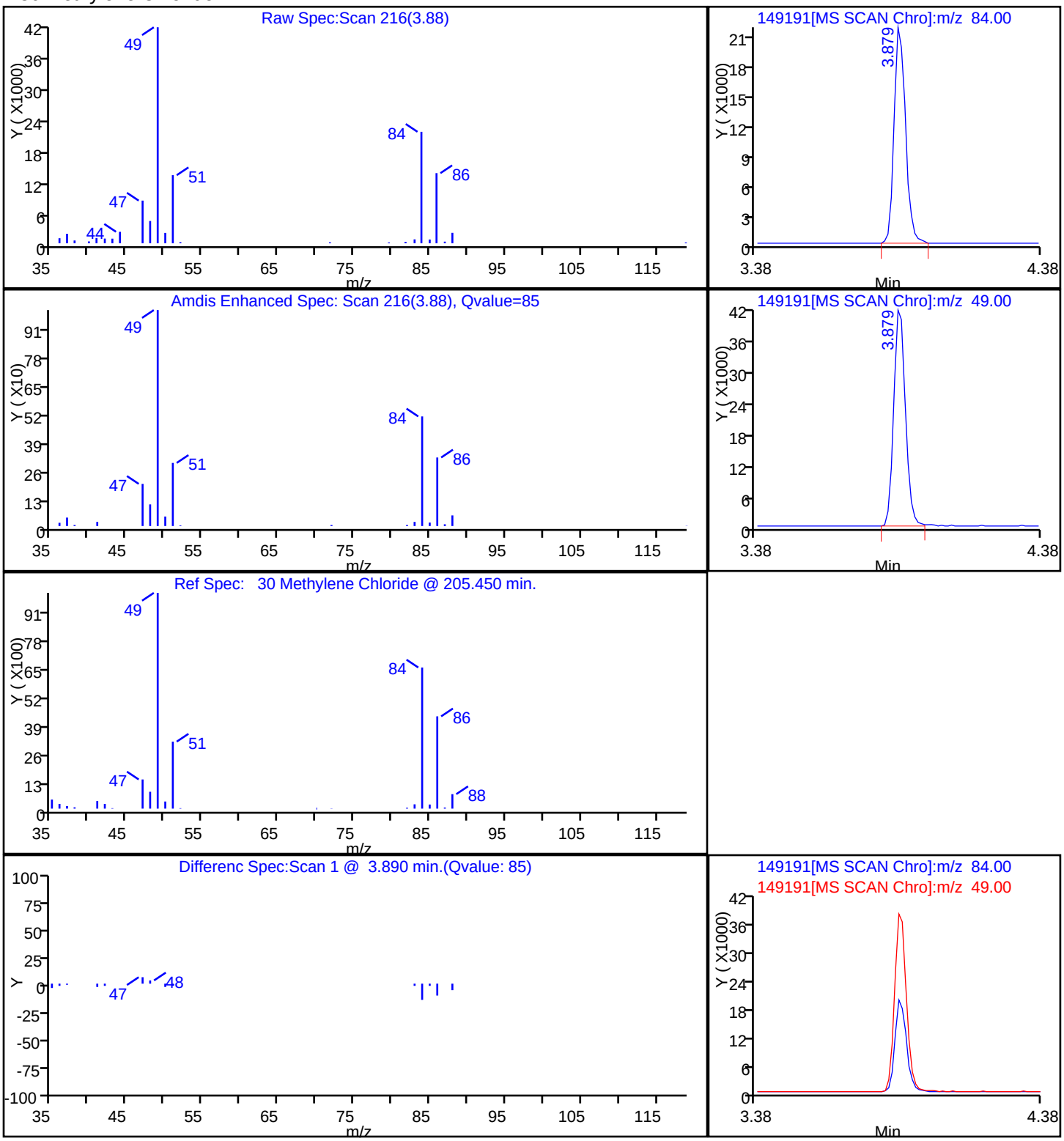
Report Date: 16-Nov-2012 09:58:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149191.D

Injection Date:	15-Nov-2012 18:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	23
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



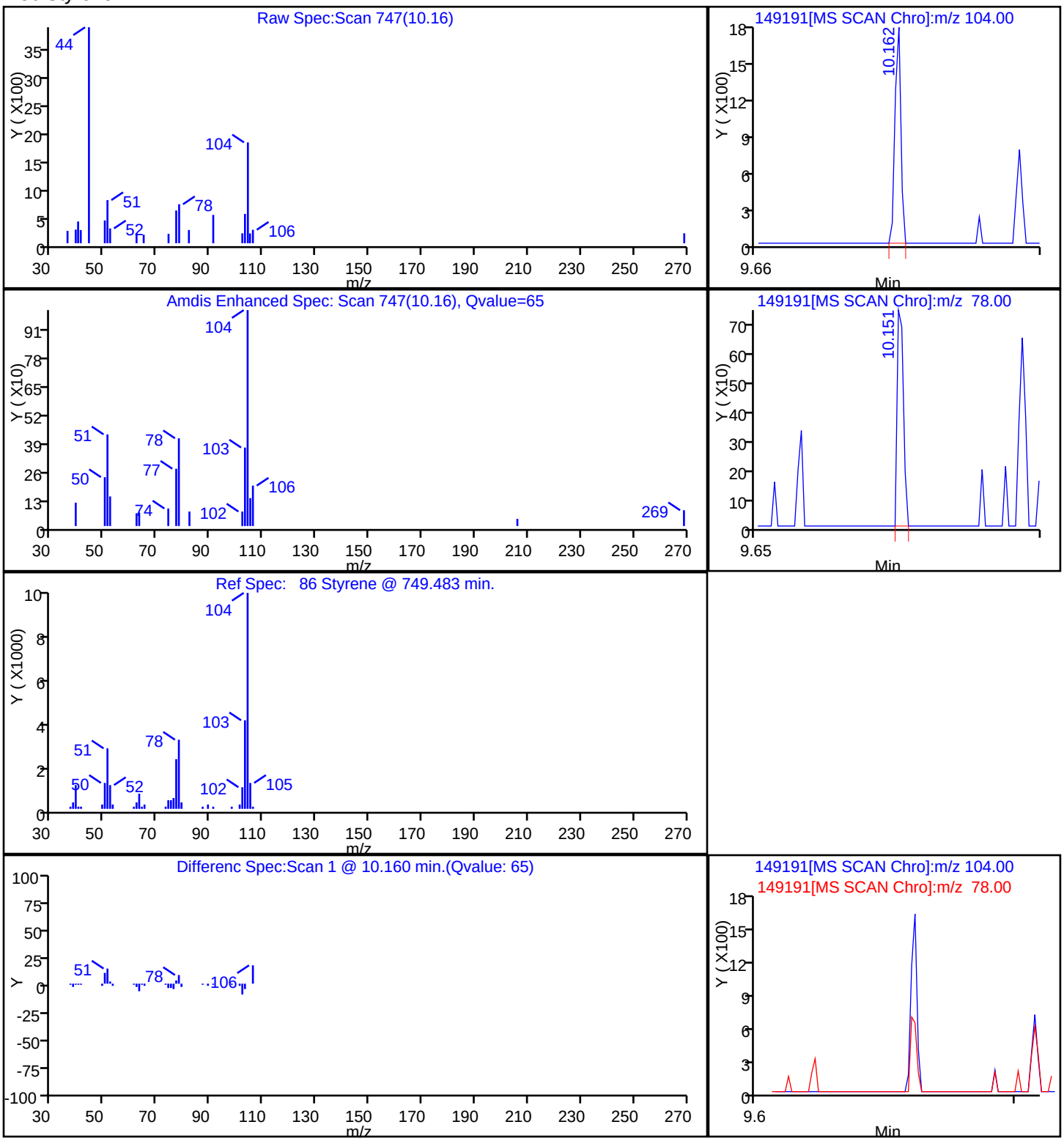
Report Date: 16-Nov-2012 09:58:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149191.D

Injection Date:	15-Nov-2012 18:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	23
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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	

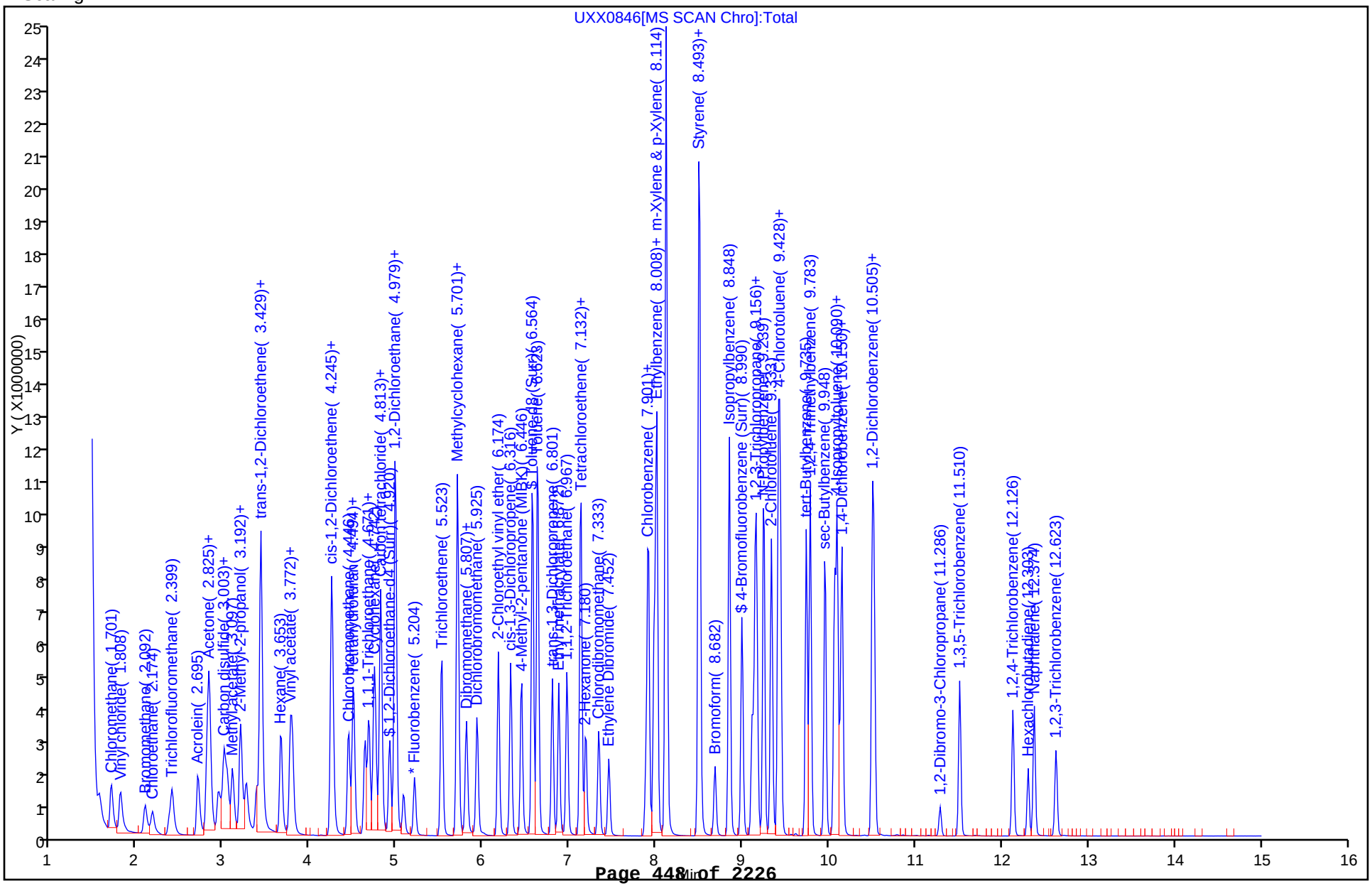
Report Date: 14-Nov-2012 12:22:53 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

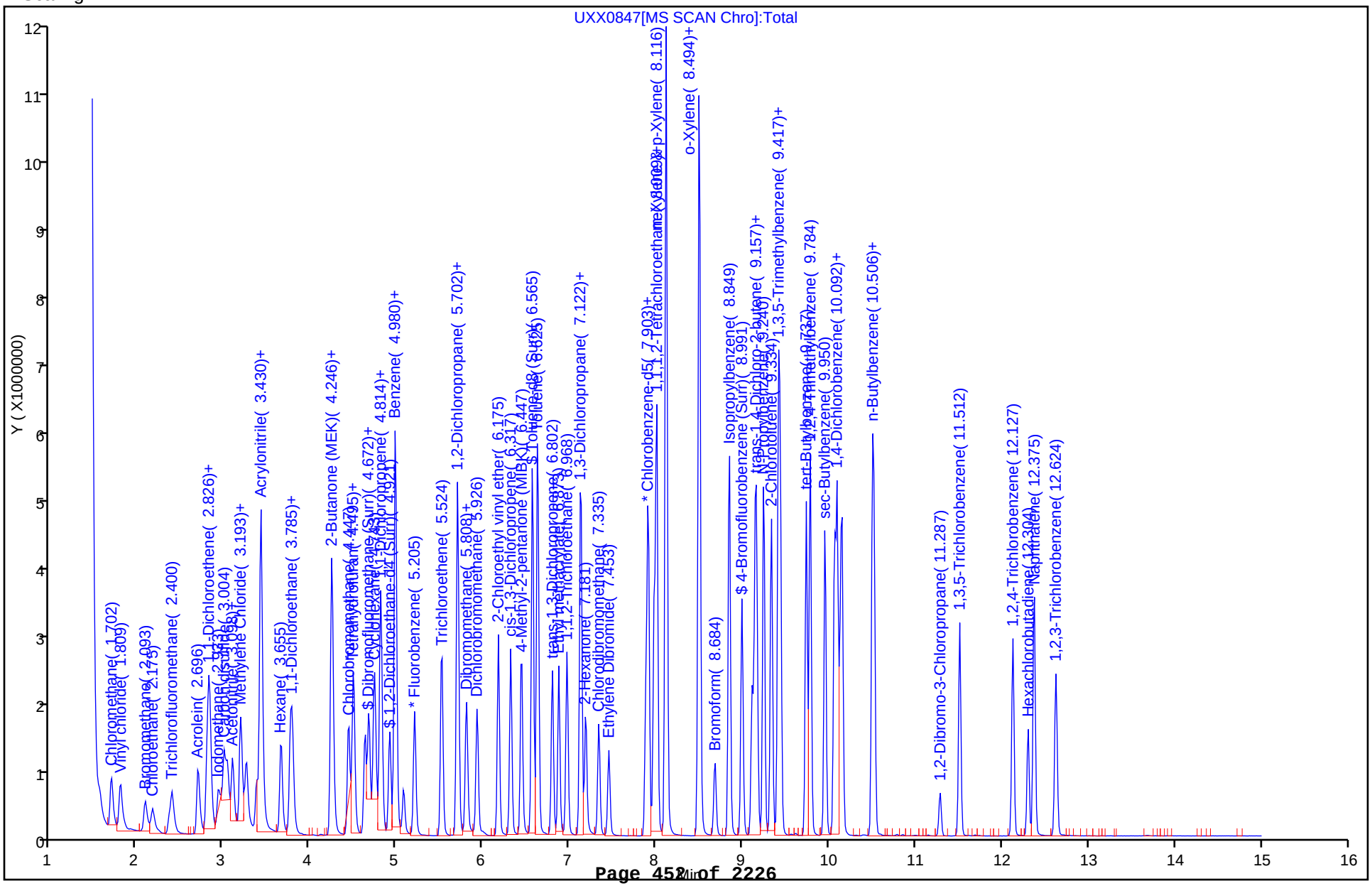
Report Date: 14-Nov-2012 12:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

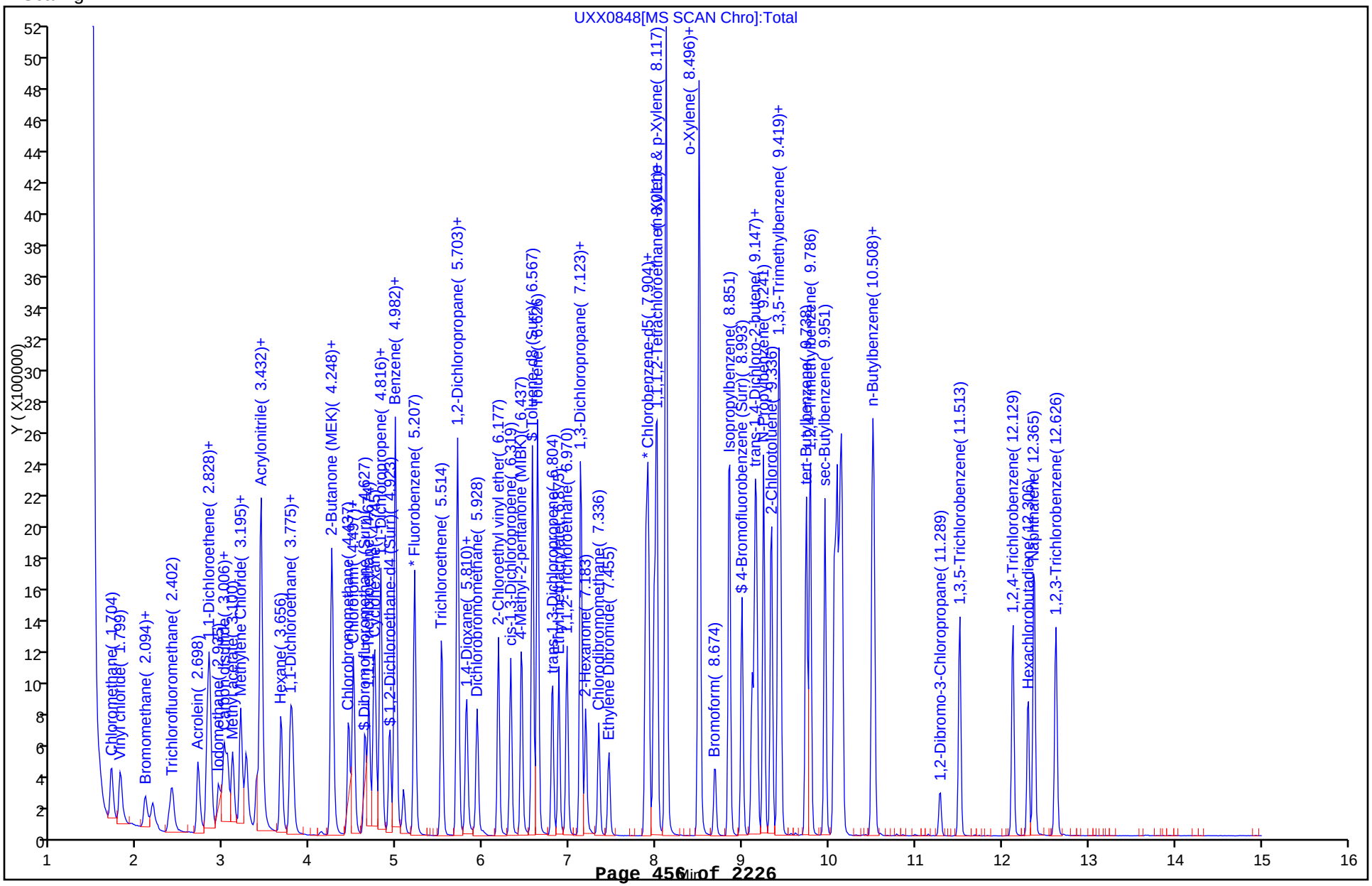
Report Date: 14-Nov-2012 12:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

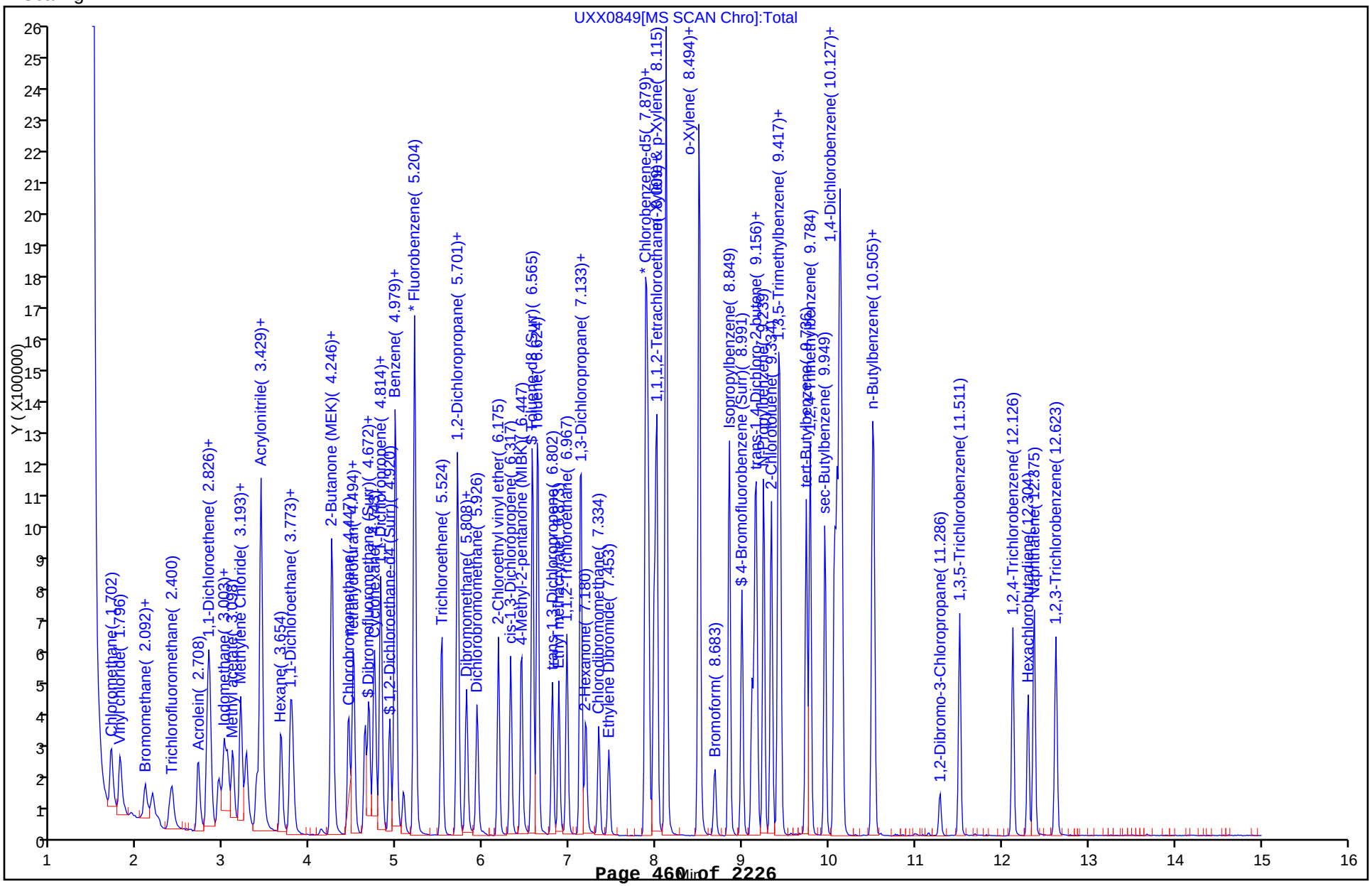
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

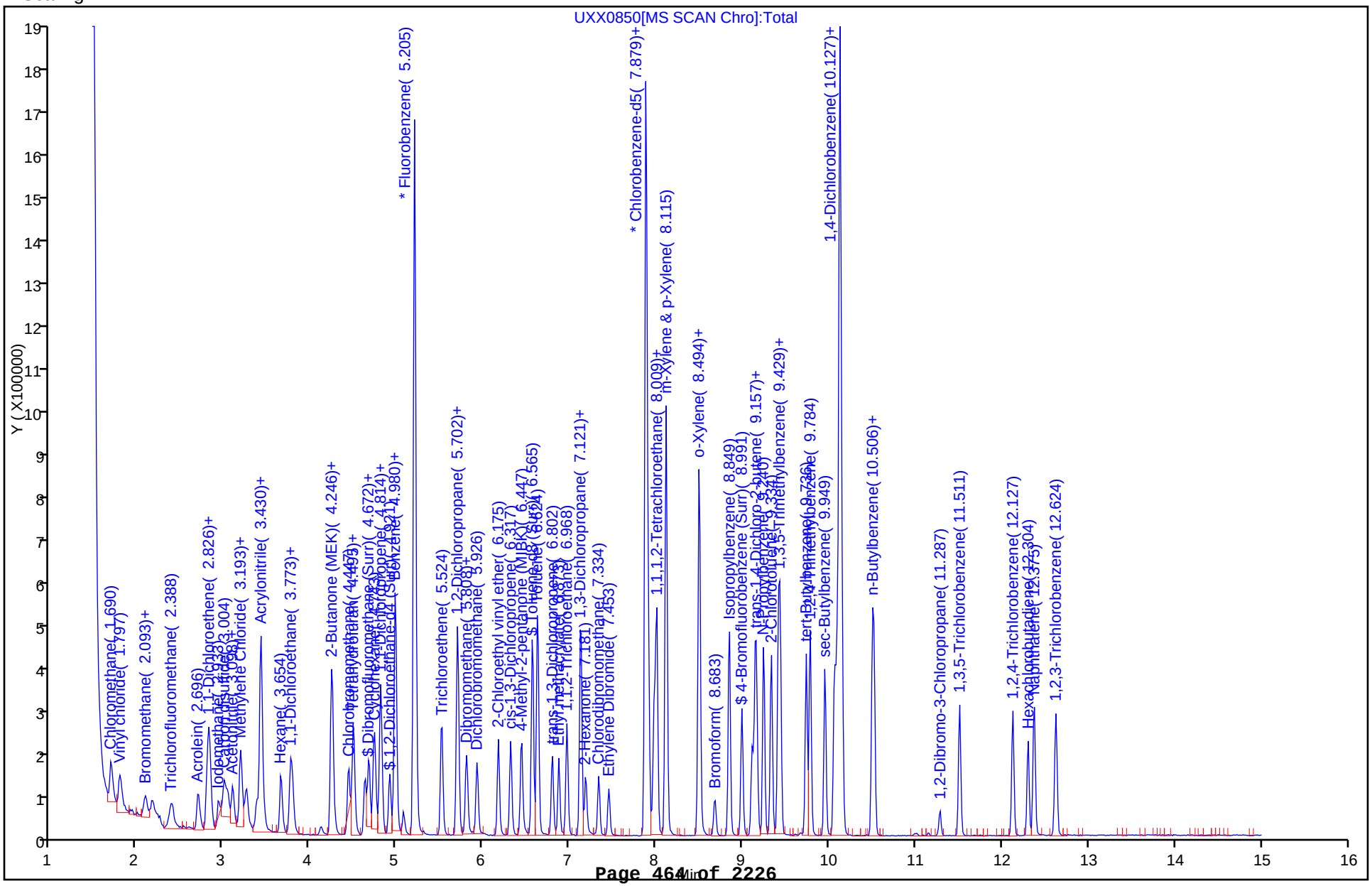
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

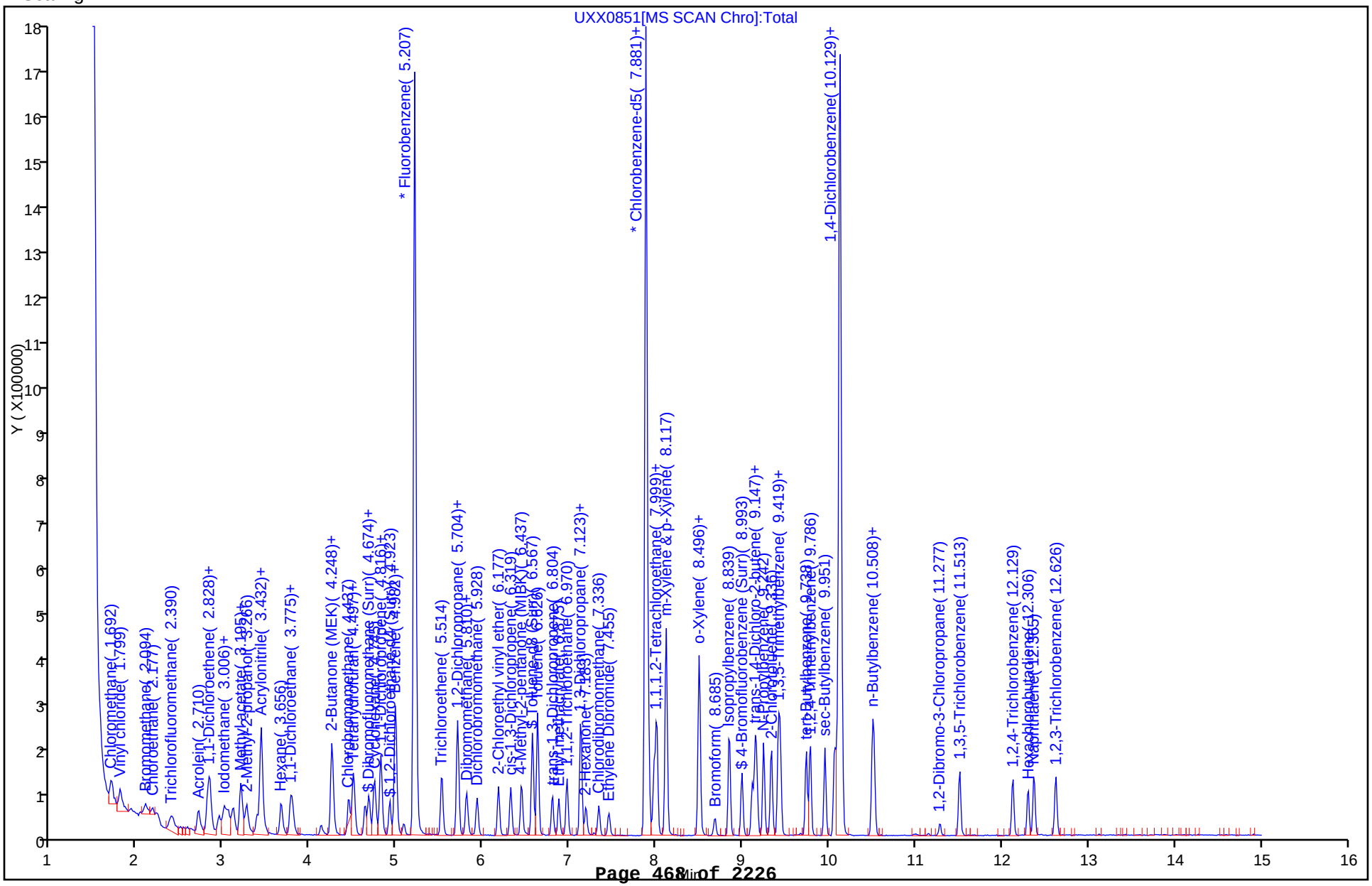
Report Date: 14-Nov-2012 12:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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	

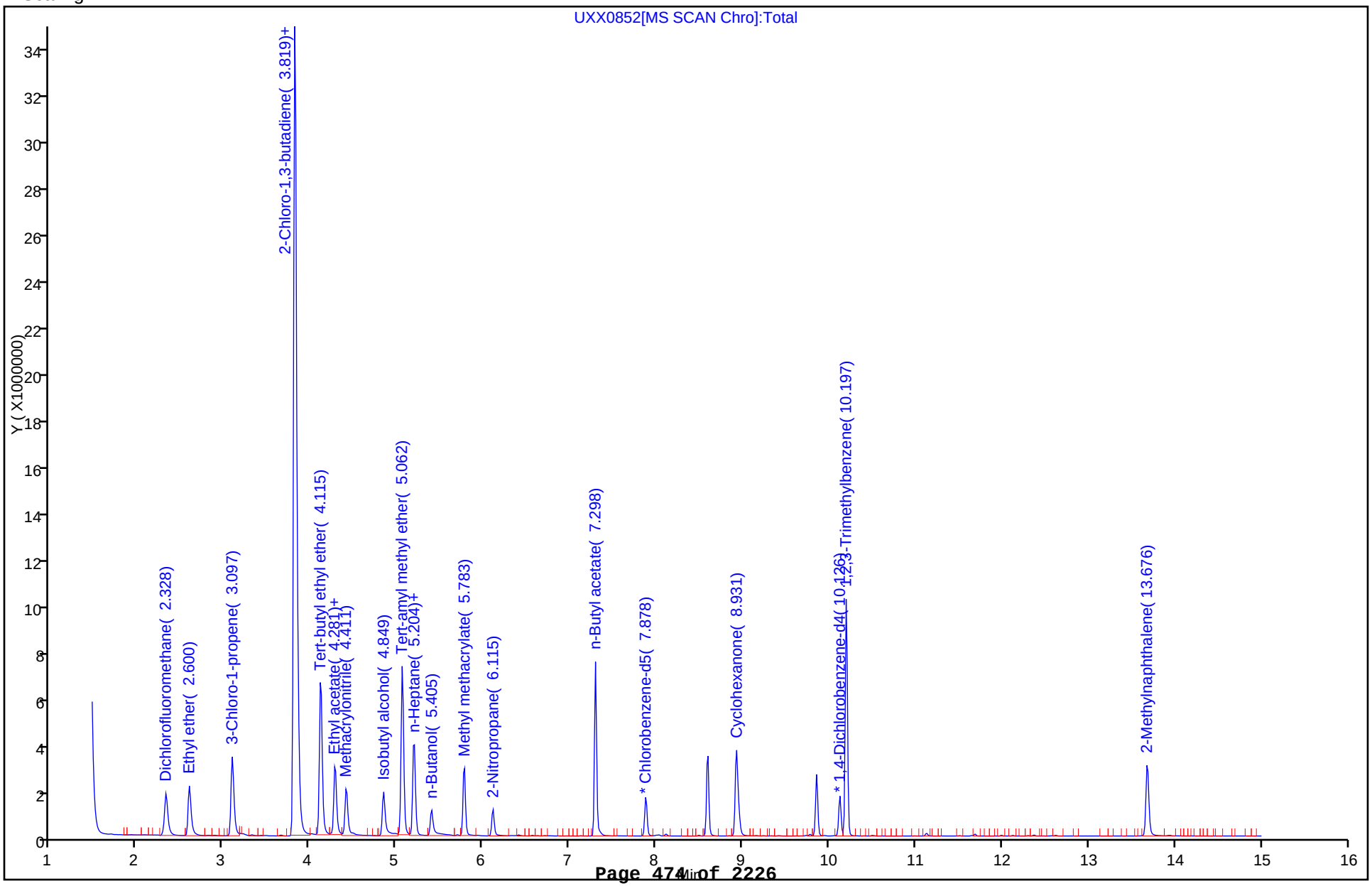
Report Date: 14-Nov-2012 12:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

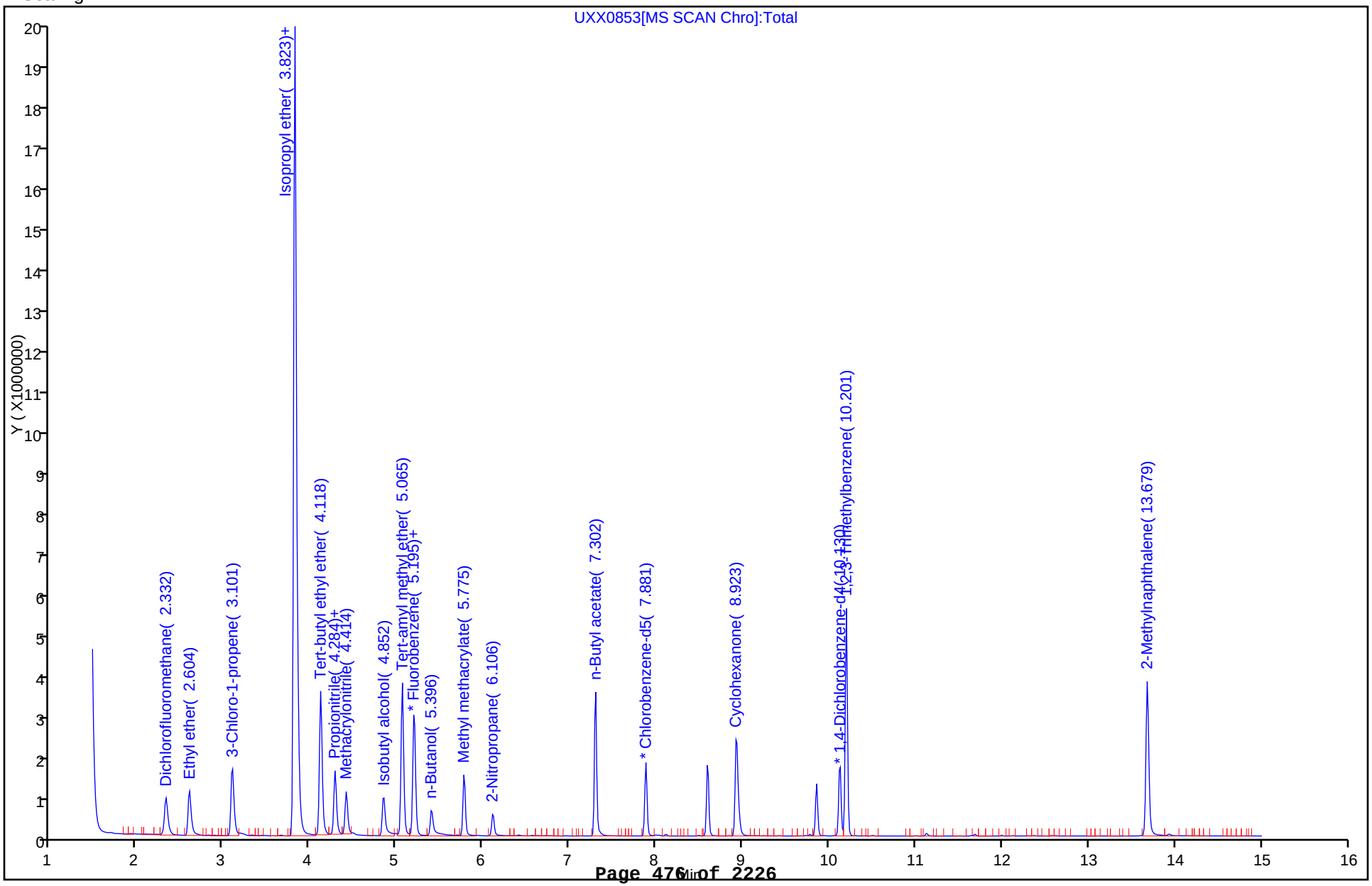
Report Date: 14-Nov-2012 12:23:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

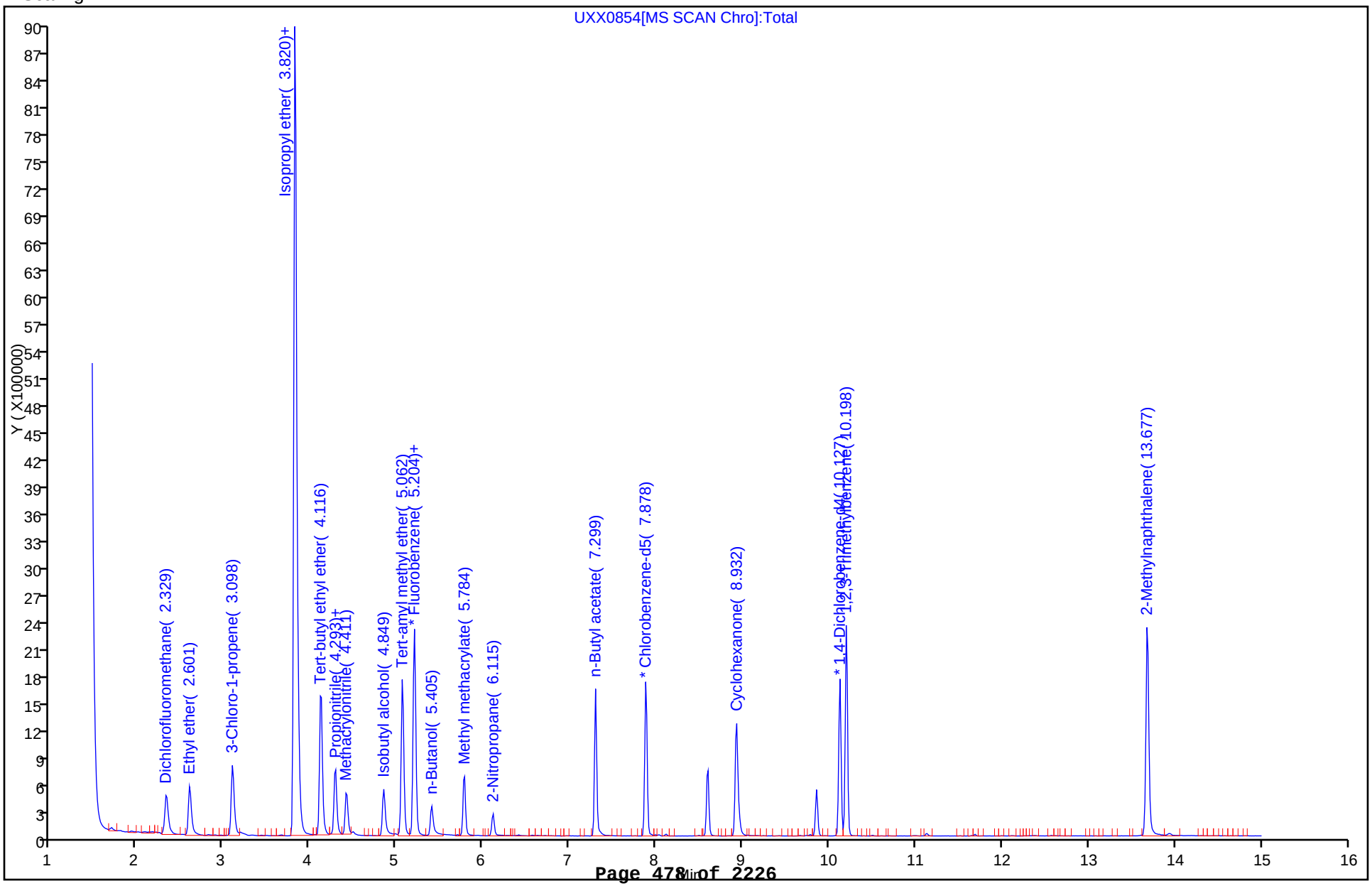
Report Date: 14-Nov-2012 12:23:01 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

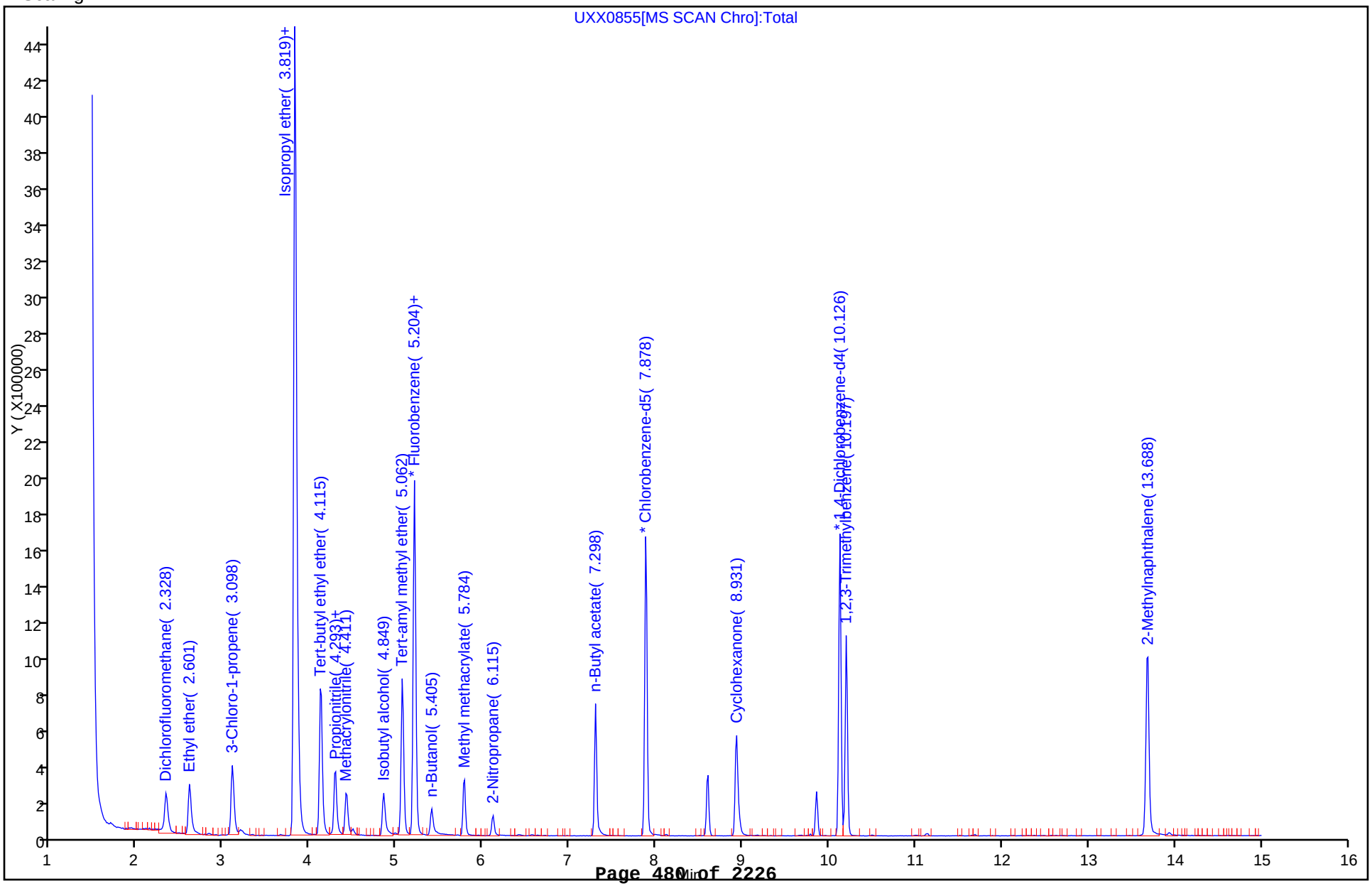
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

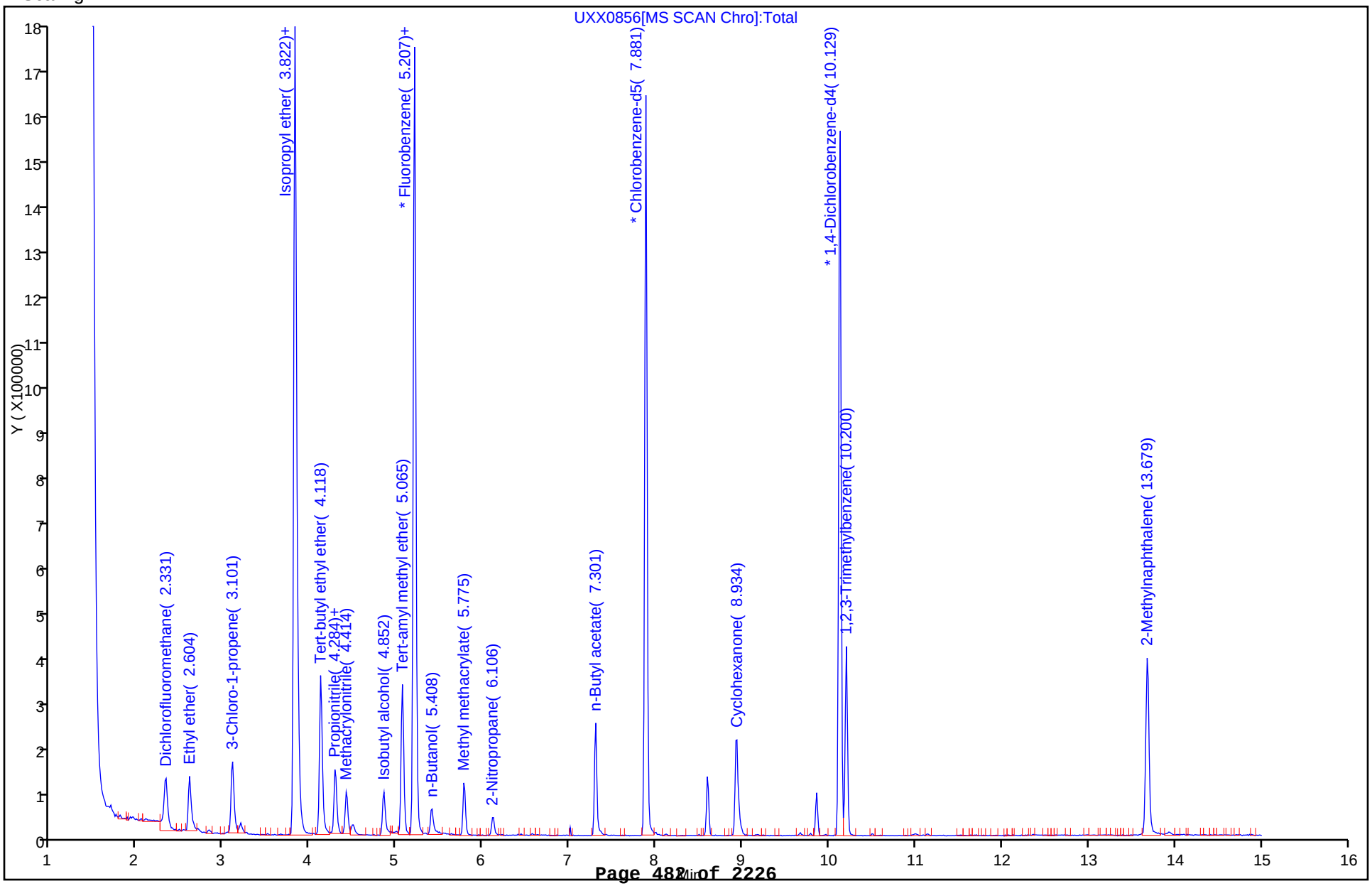
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

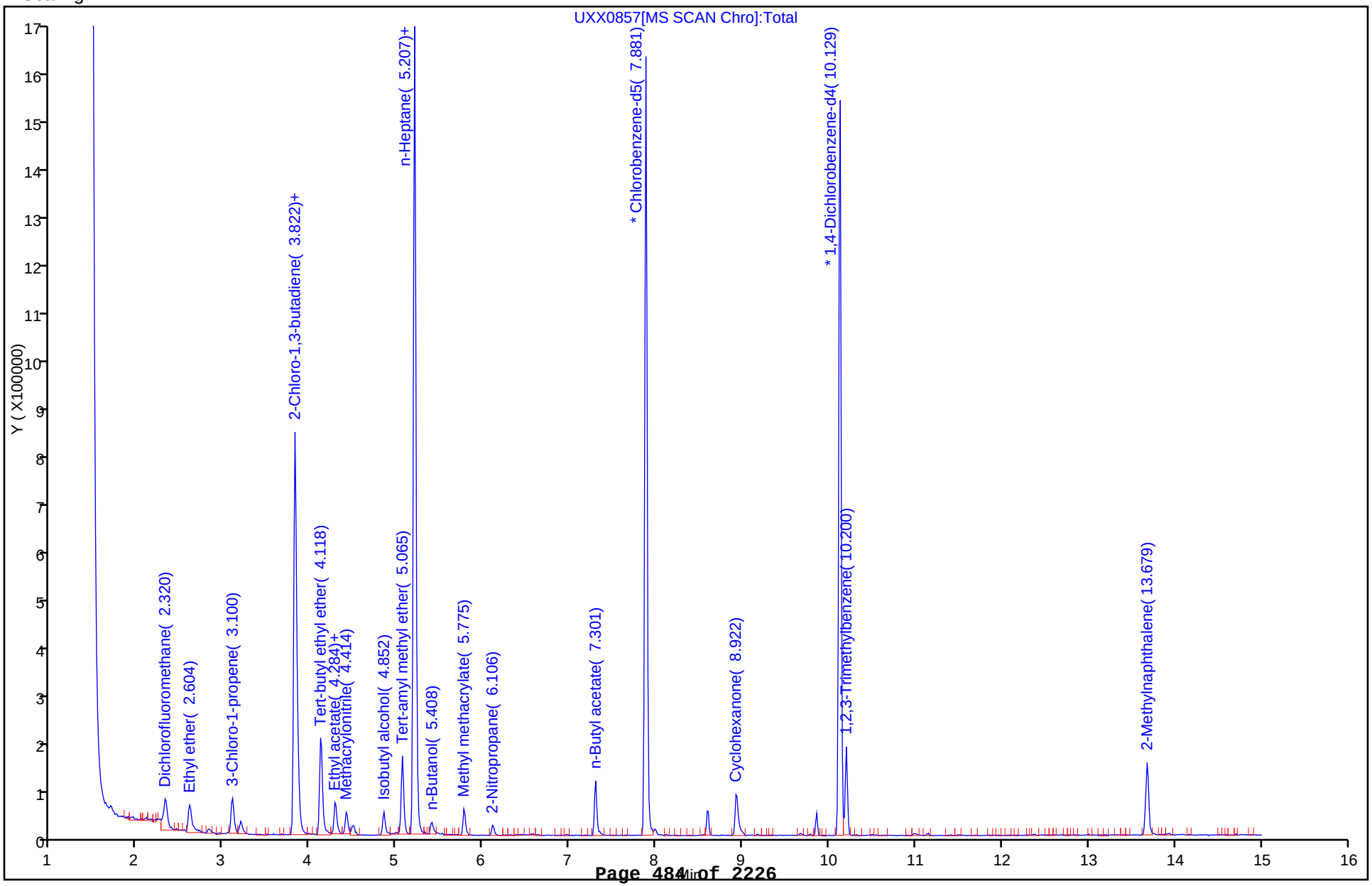
Report Date: 14-Nov-2012 12:23:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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	

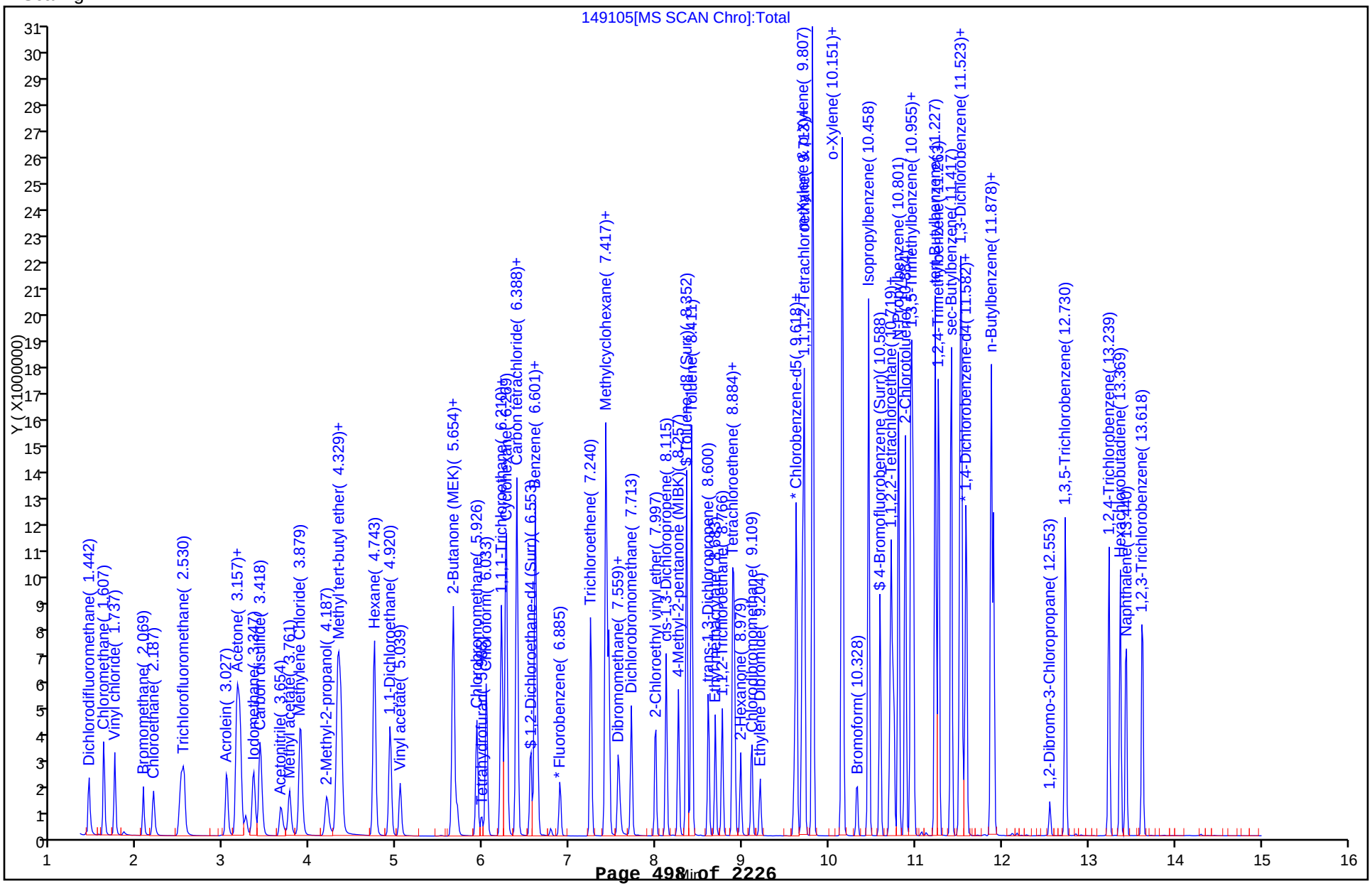
Report Date: 14-Nov-2012 15:22:51 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

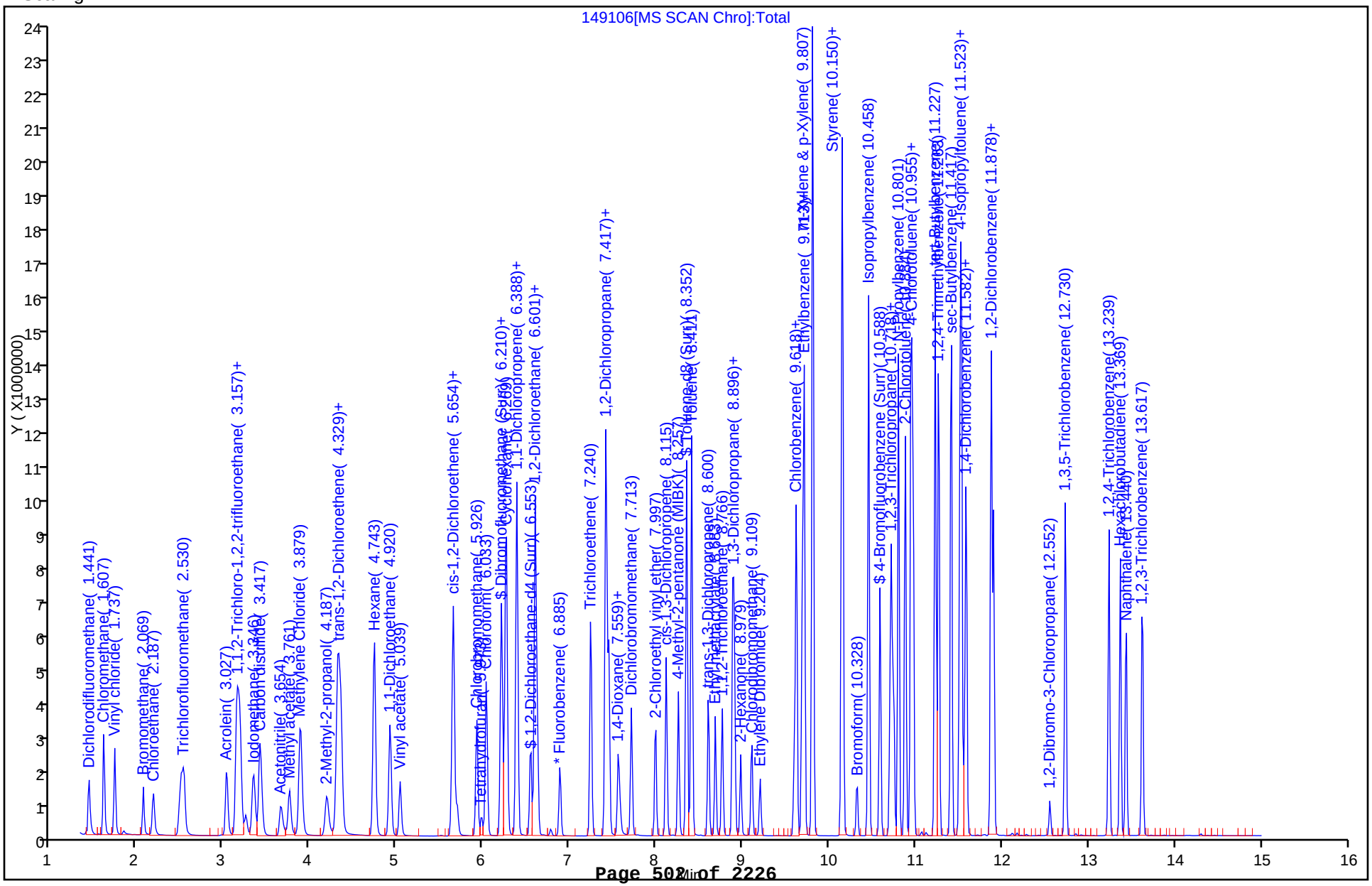
Report Date: 14-Nov-2012 15:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

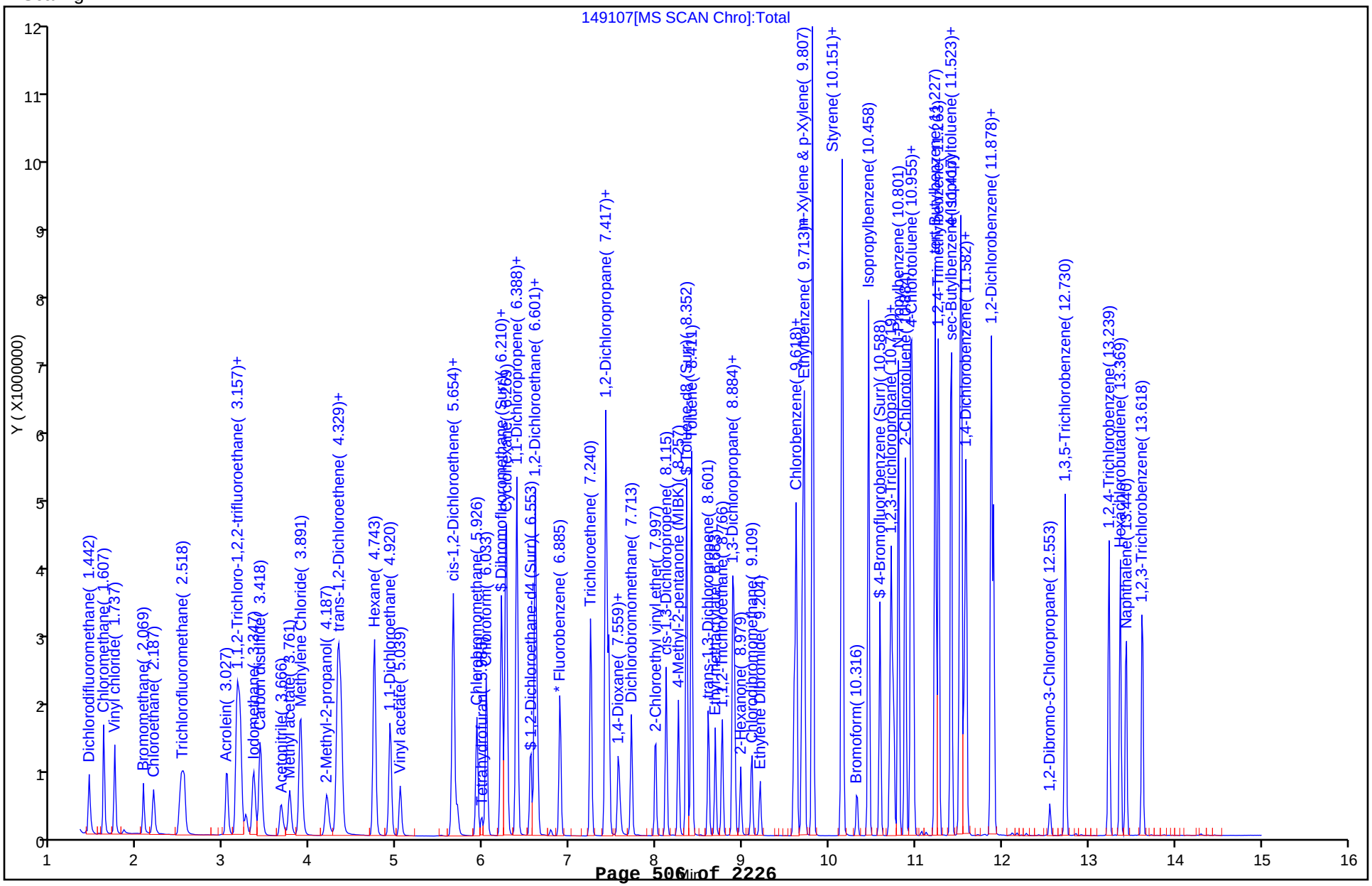
Report Date: 14-Nov-2012 15:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

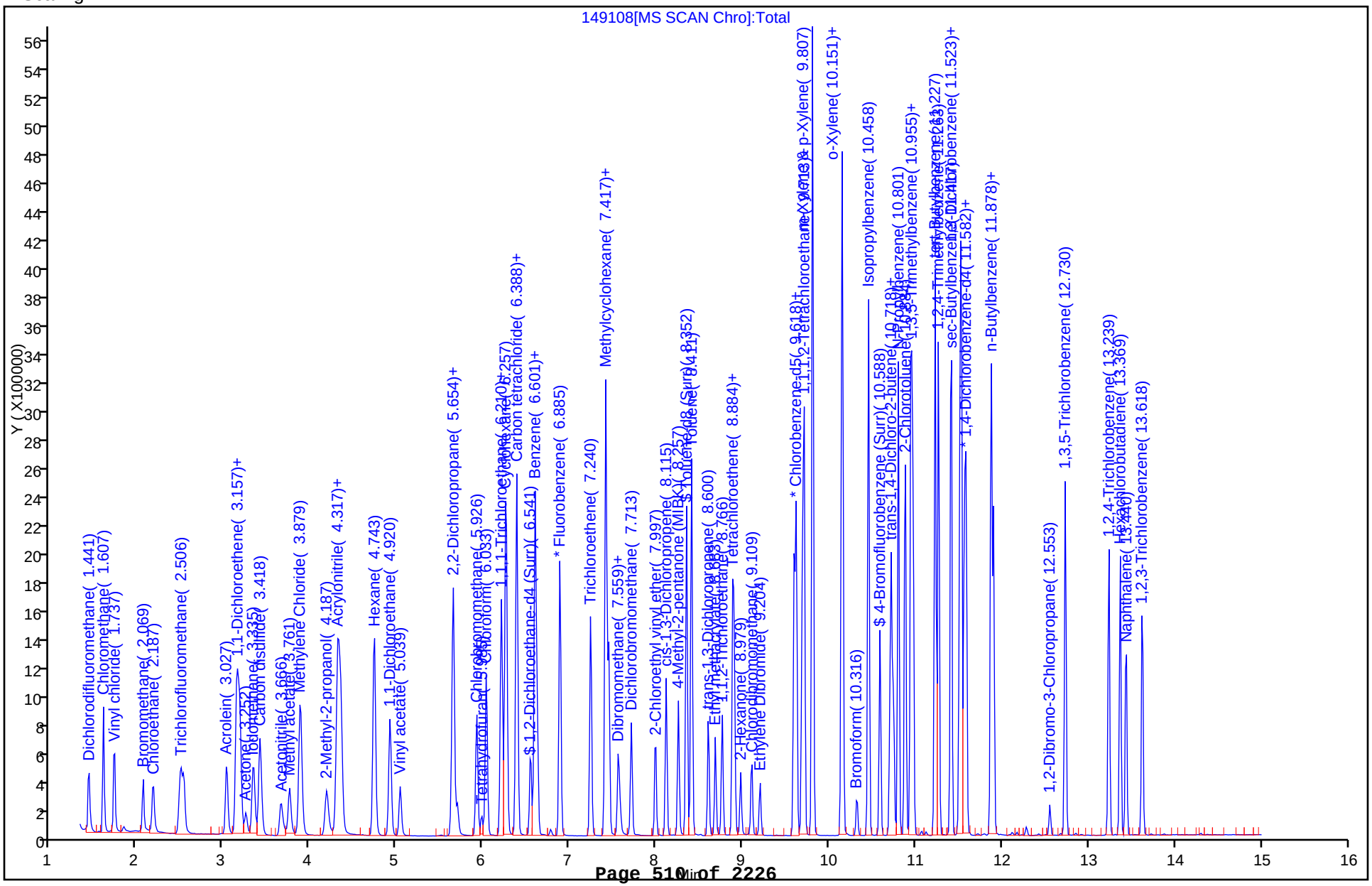
Report Date: 14-Nov-2012 15:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

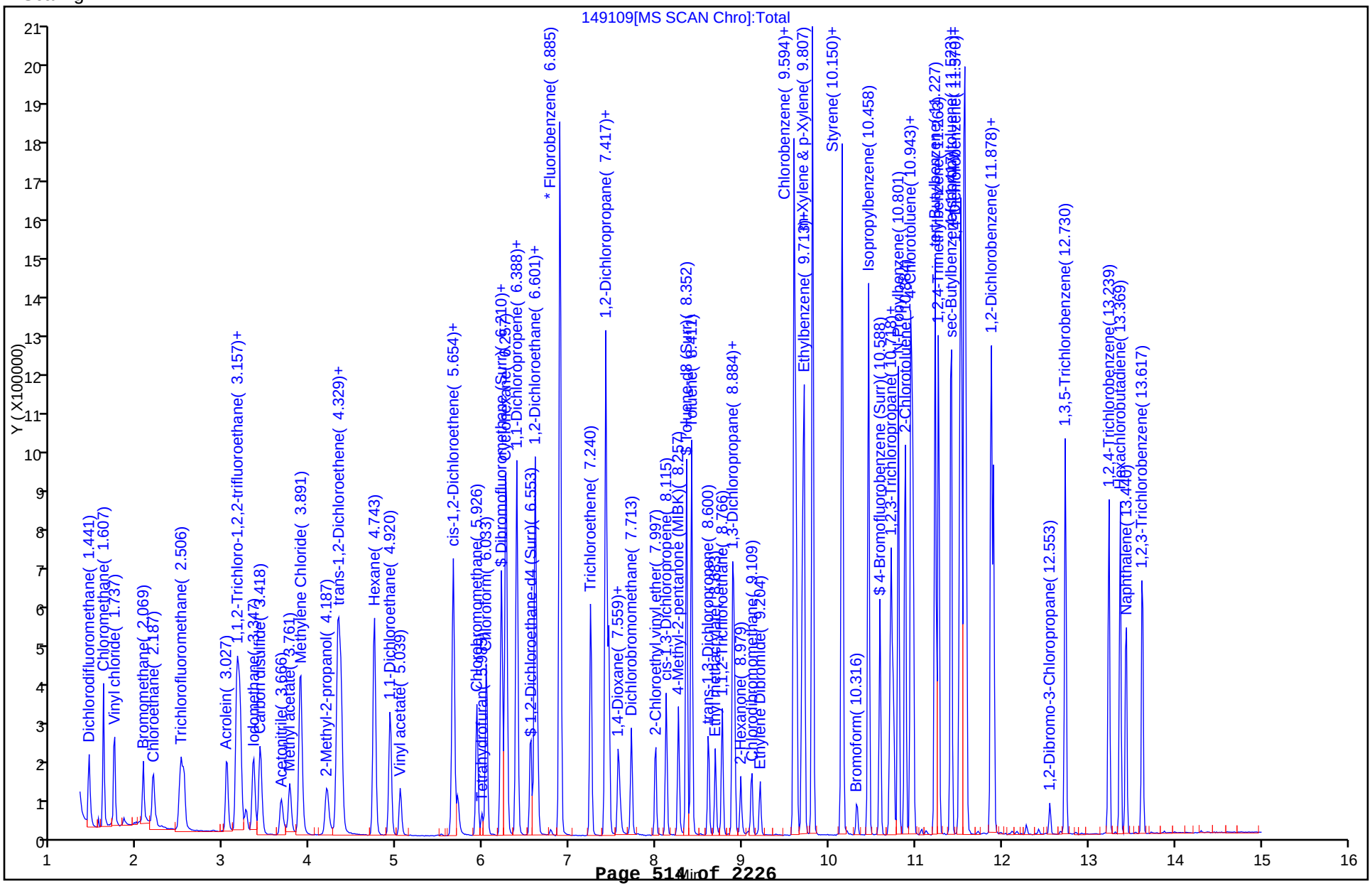
Report Date: 14-Nov-2012 15:22:55 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

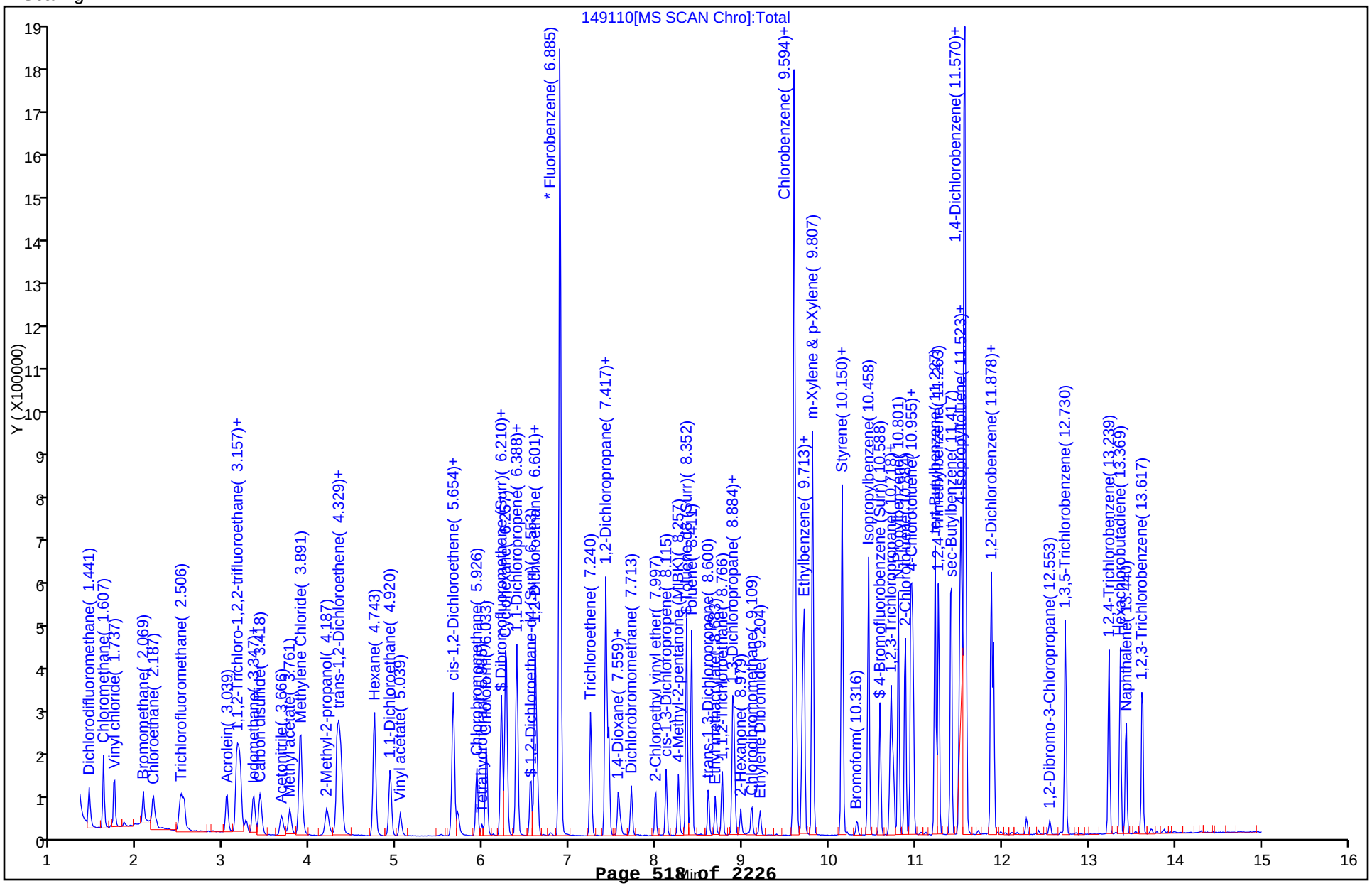
Report Date: 14-Nov-2012 15:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

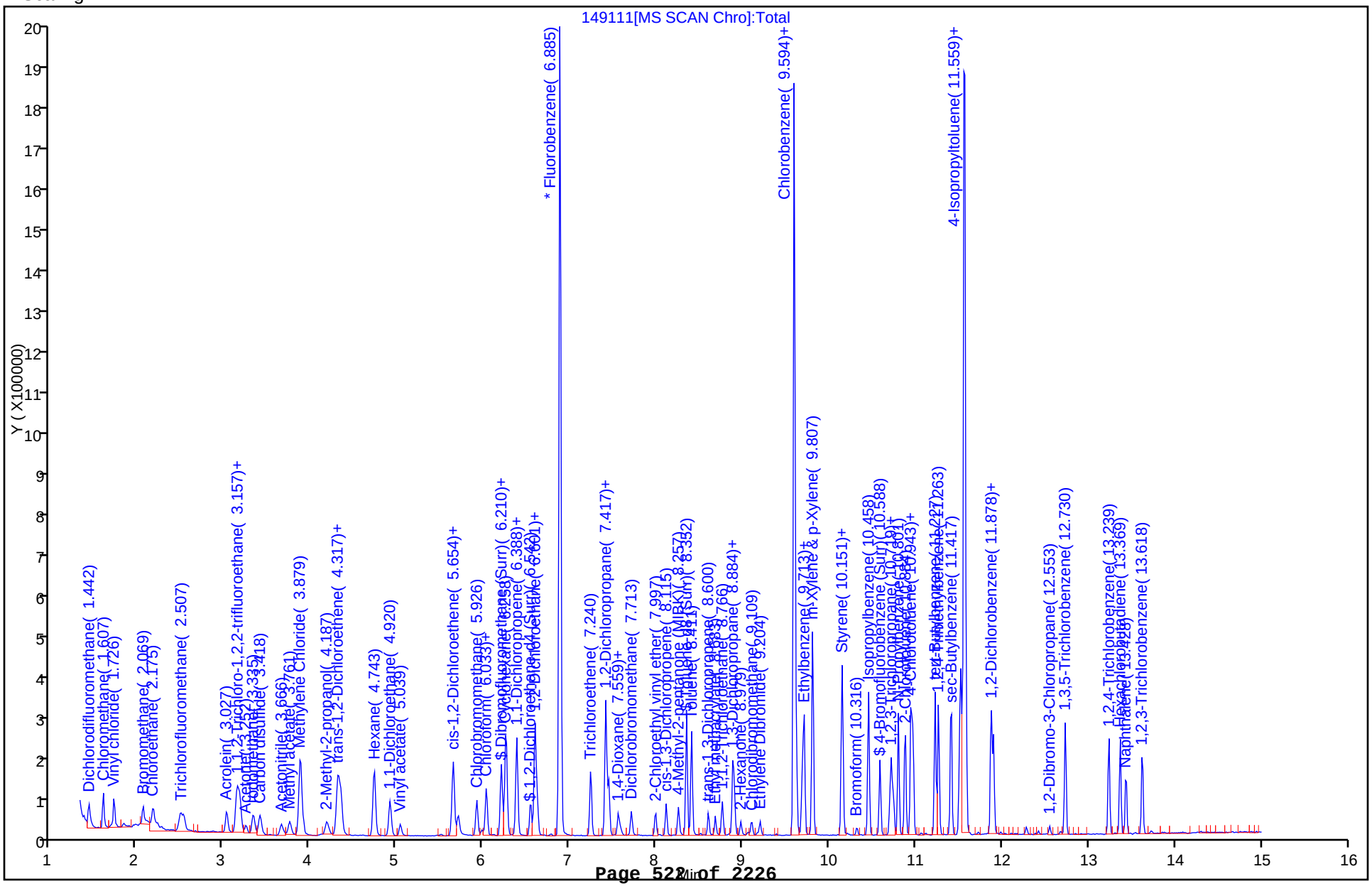
Report Date: 14-Nov-2012 15:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

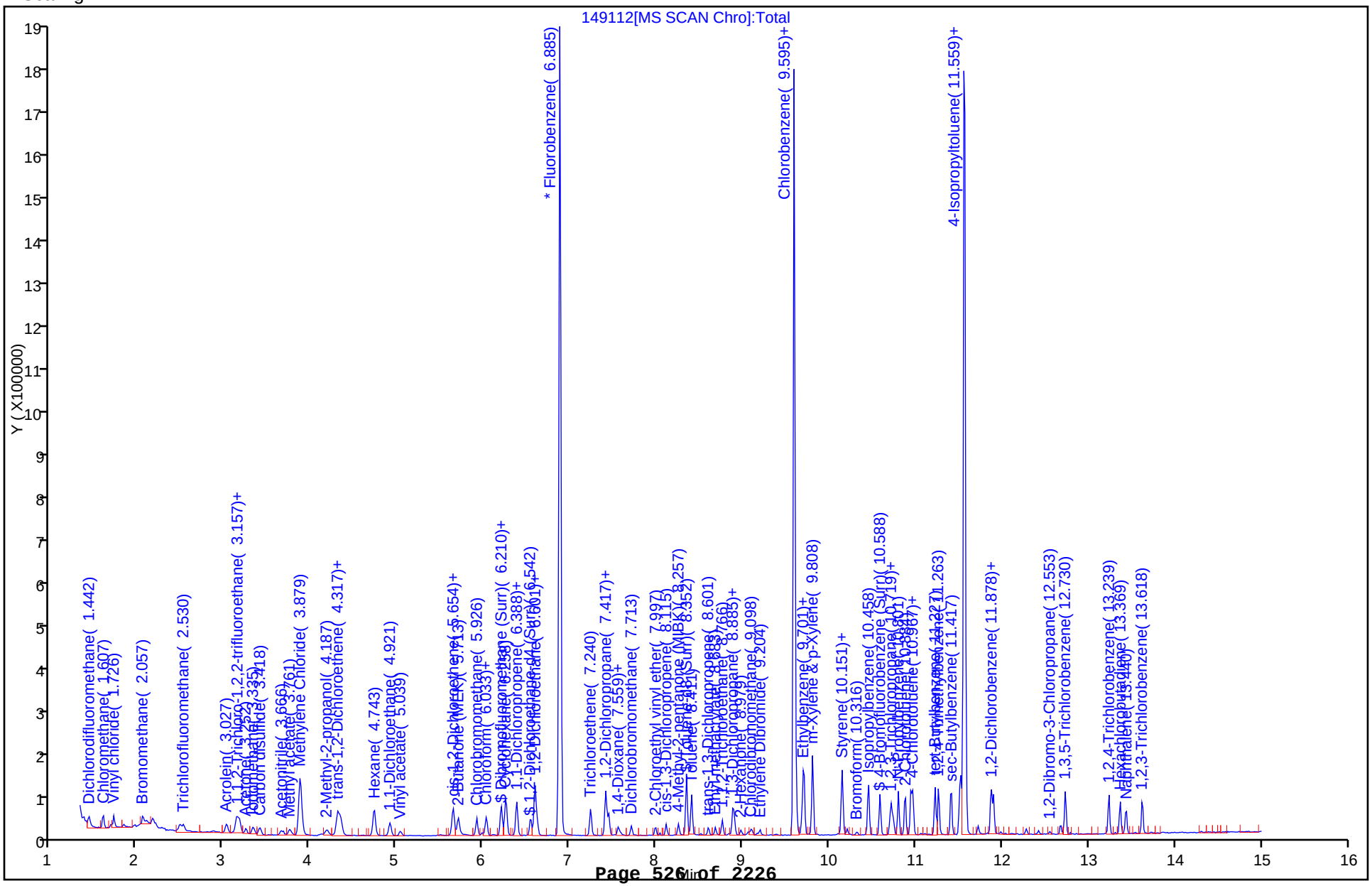
Report Date: 14-Nov-2012 15:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

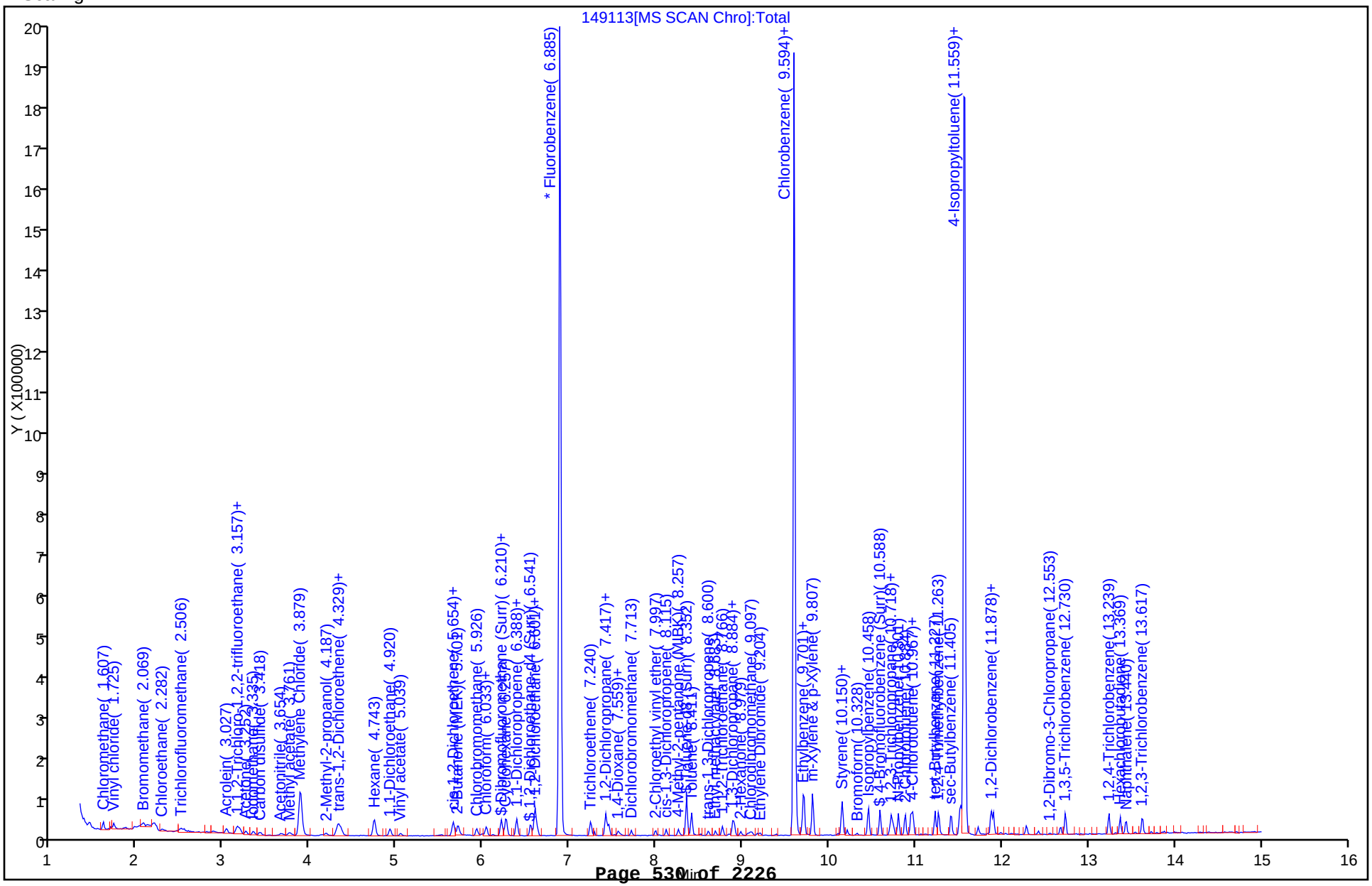
Report Date: 14-Nov-2012 15:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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.: 240-17467-1

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	

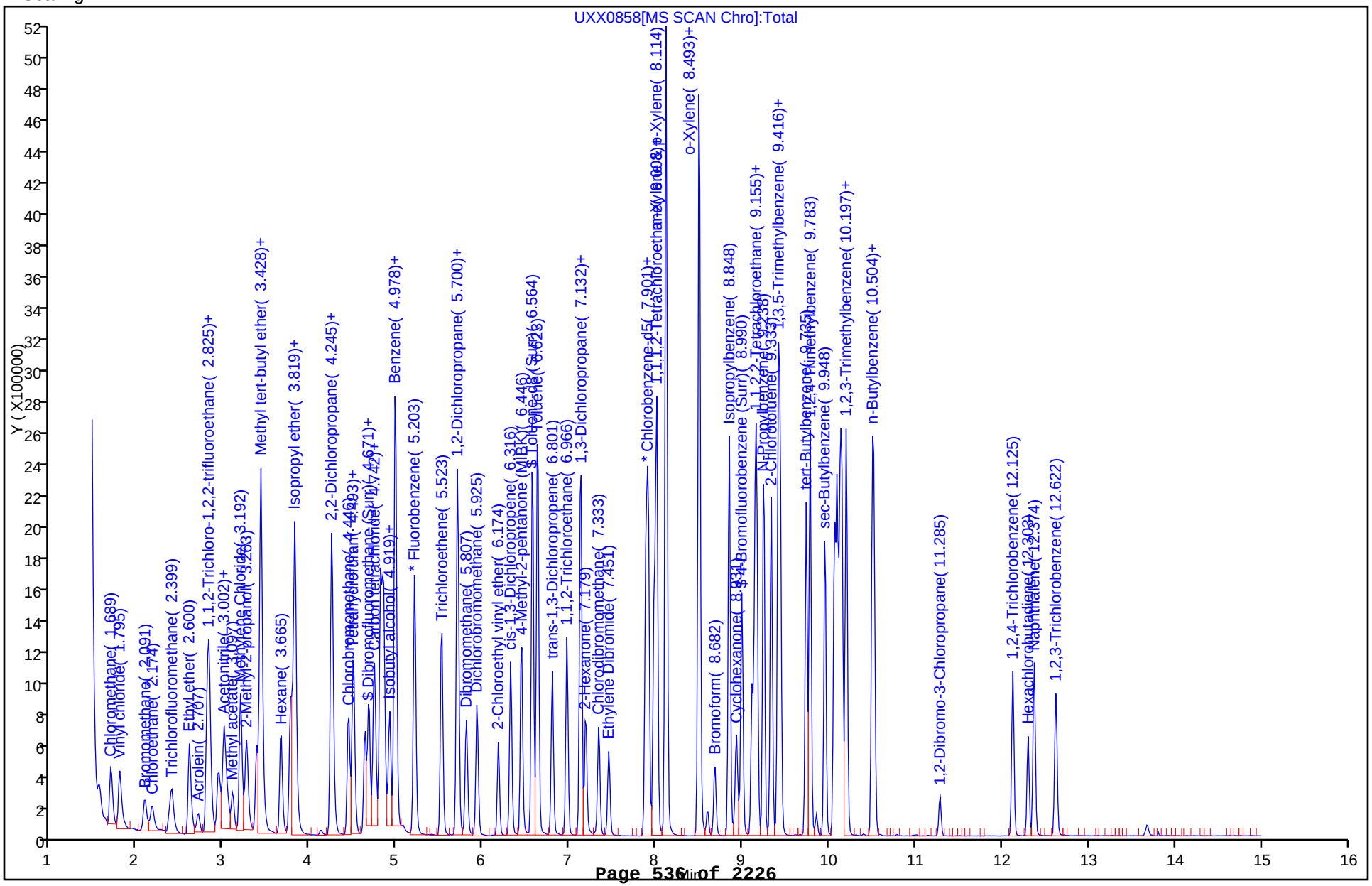
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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	

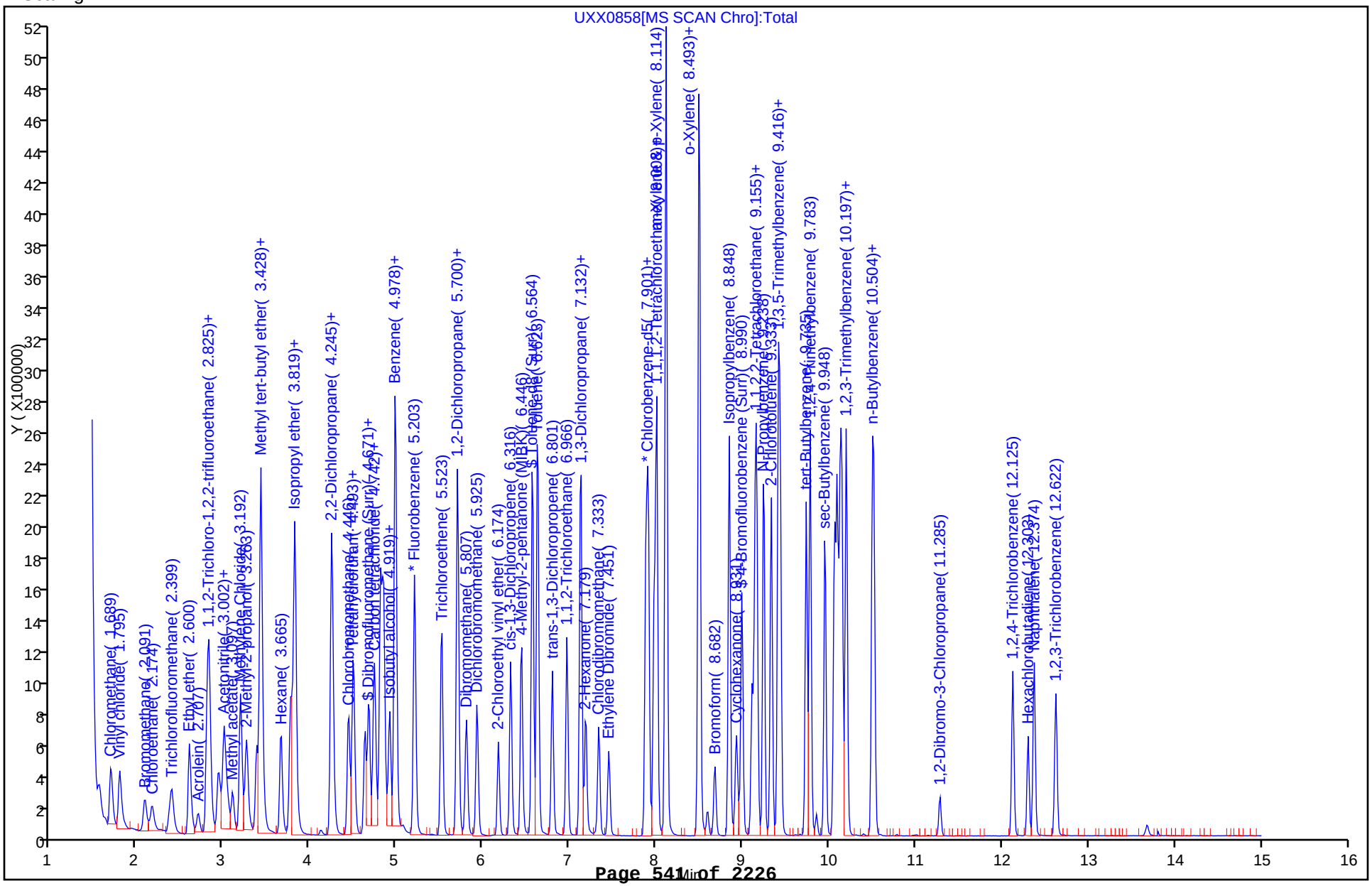
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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.: 240-17467-1

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	

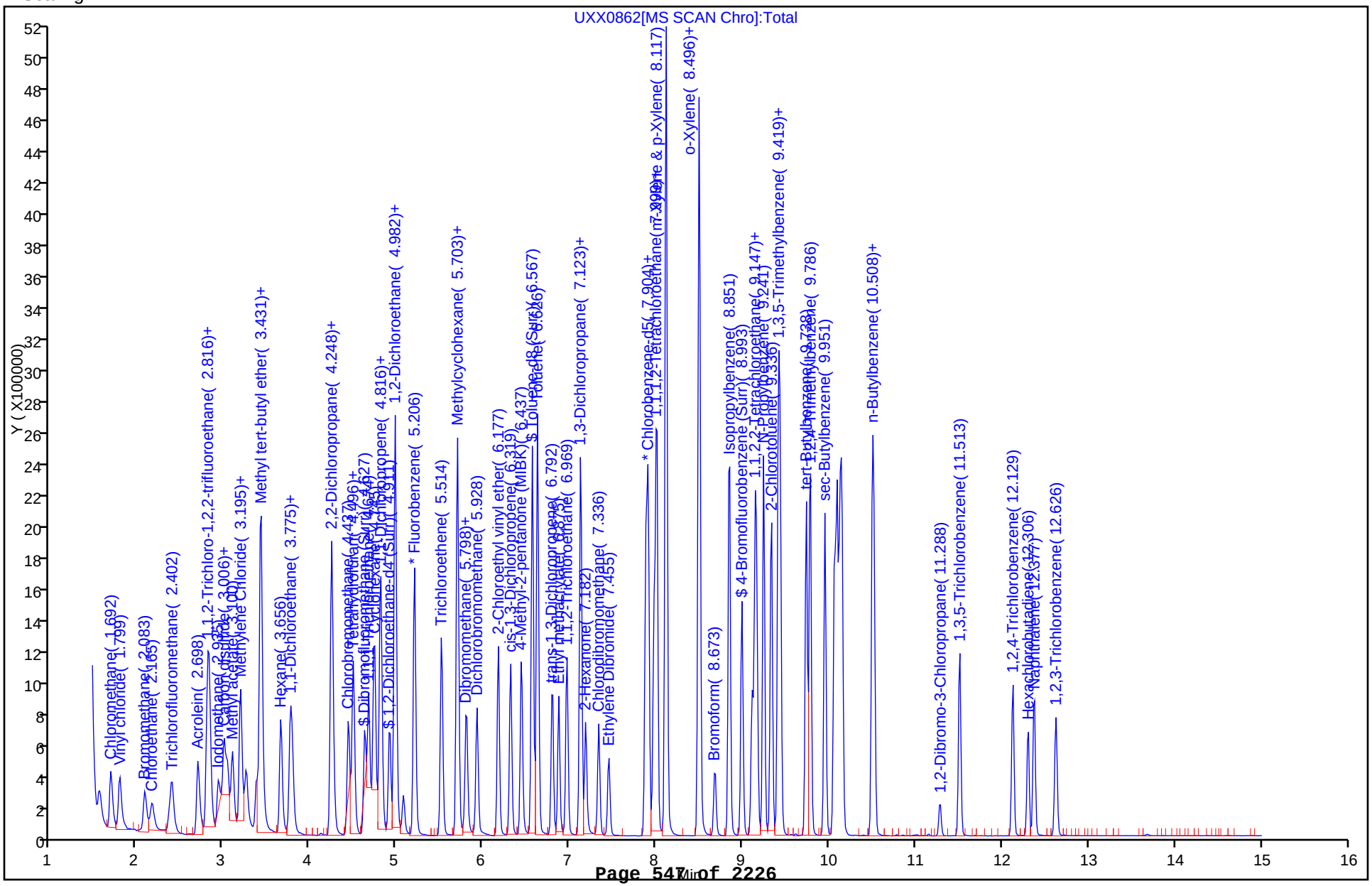
Report Date: 14-Nov-2012 13:08:23 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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.: 240-17467-1

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	

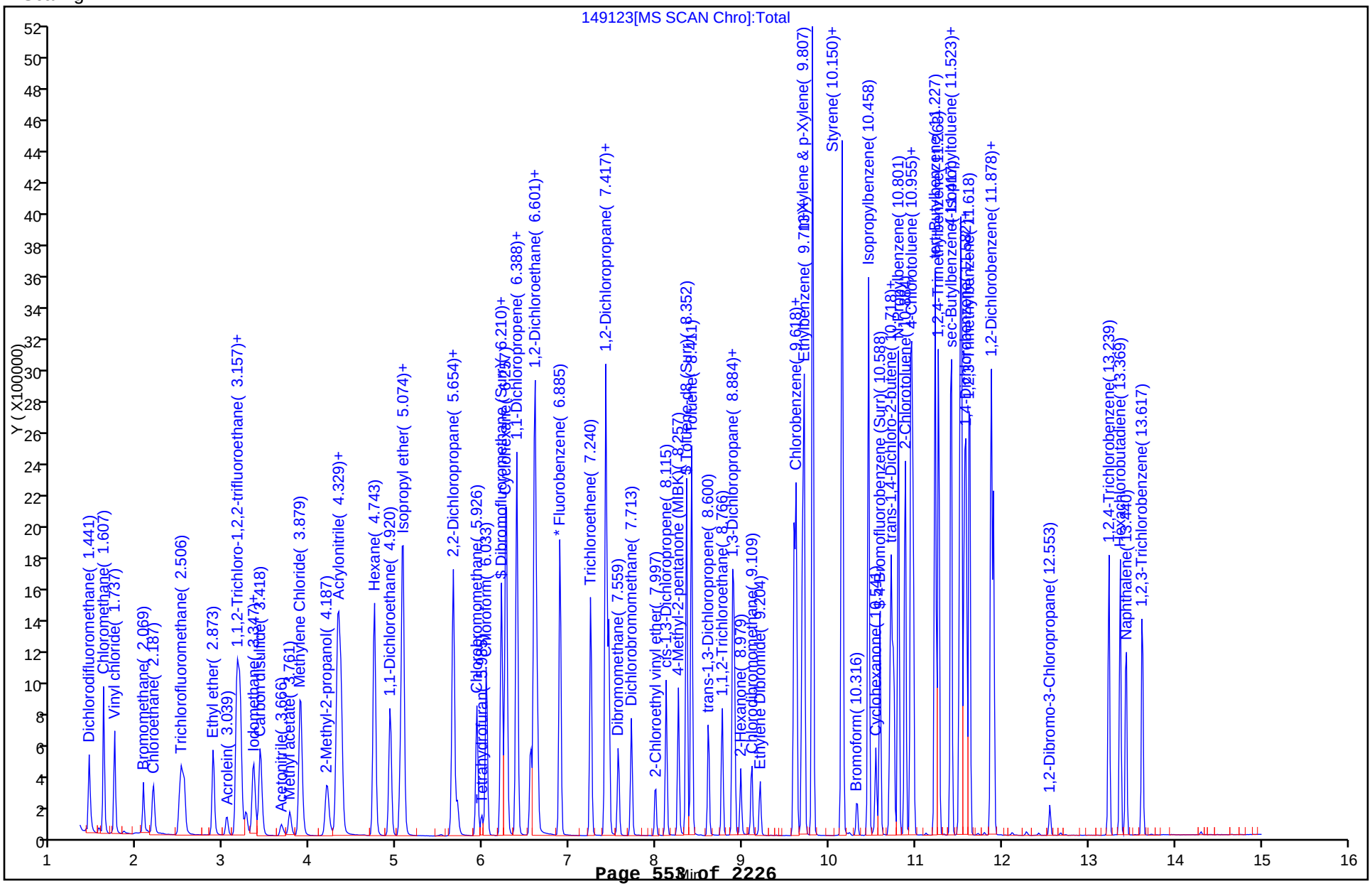
Report Date: 14-Nov-2012 15:23:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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	

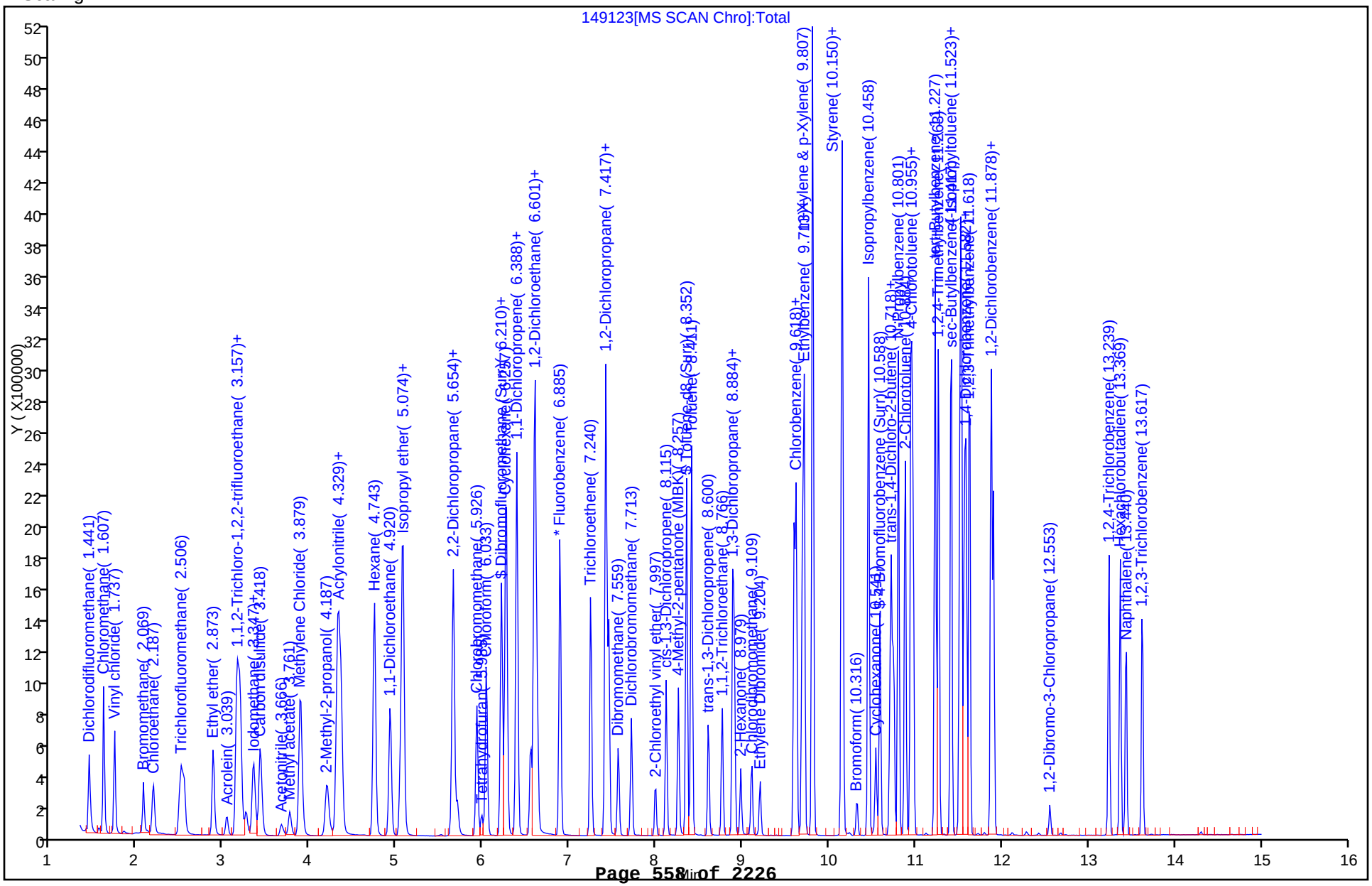
Report Date: 14-Nov-2012 15:23:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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.: 240-17467-1

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	

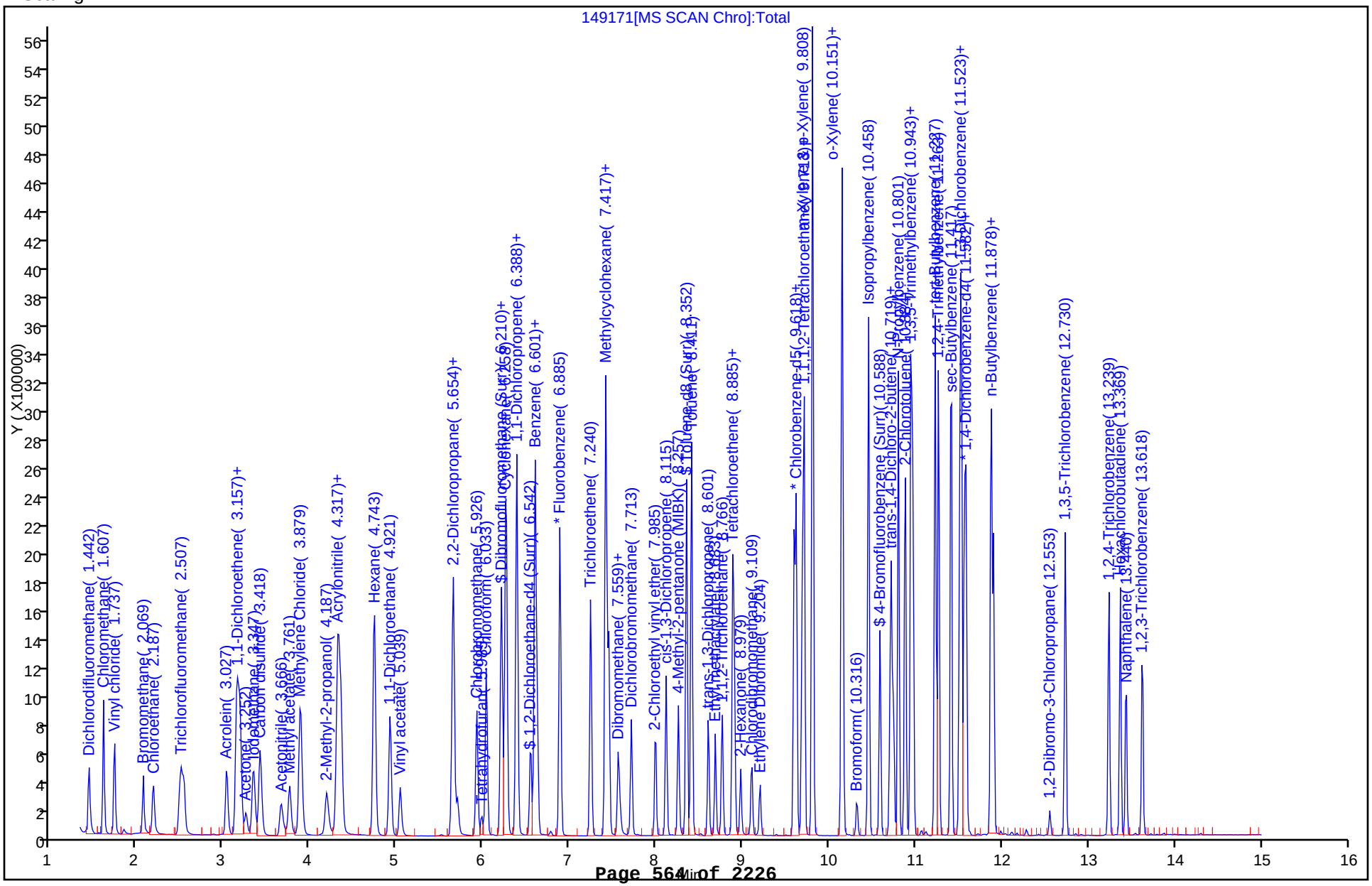
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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.: 240-17467-1

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	

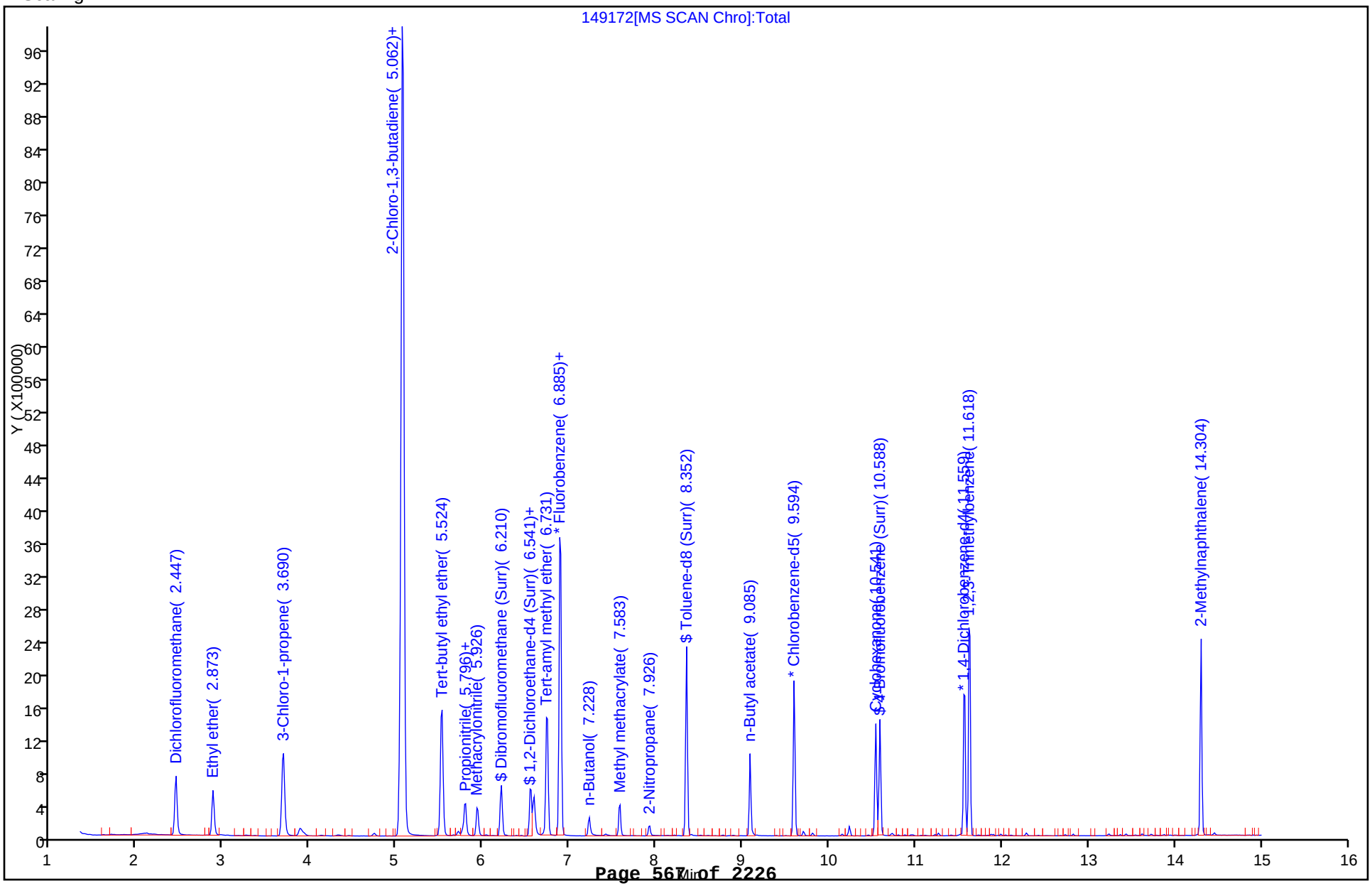
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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.: 240-17467-1

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	

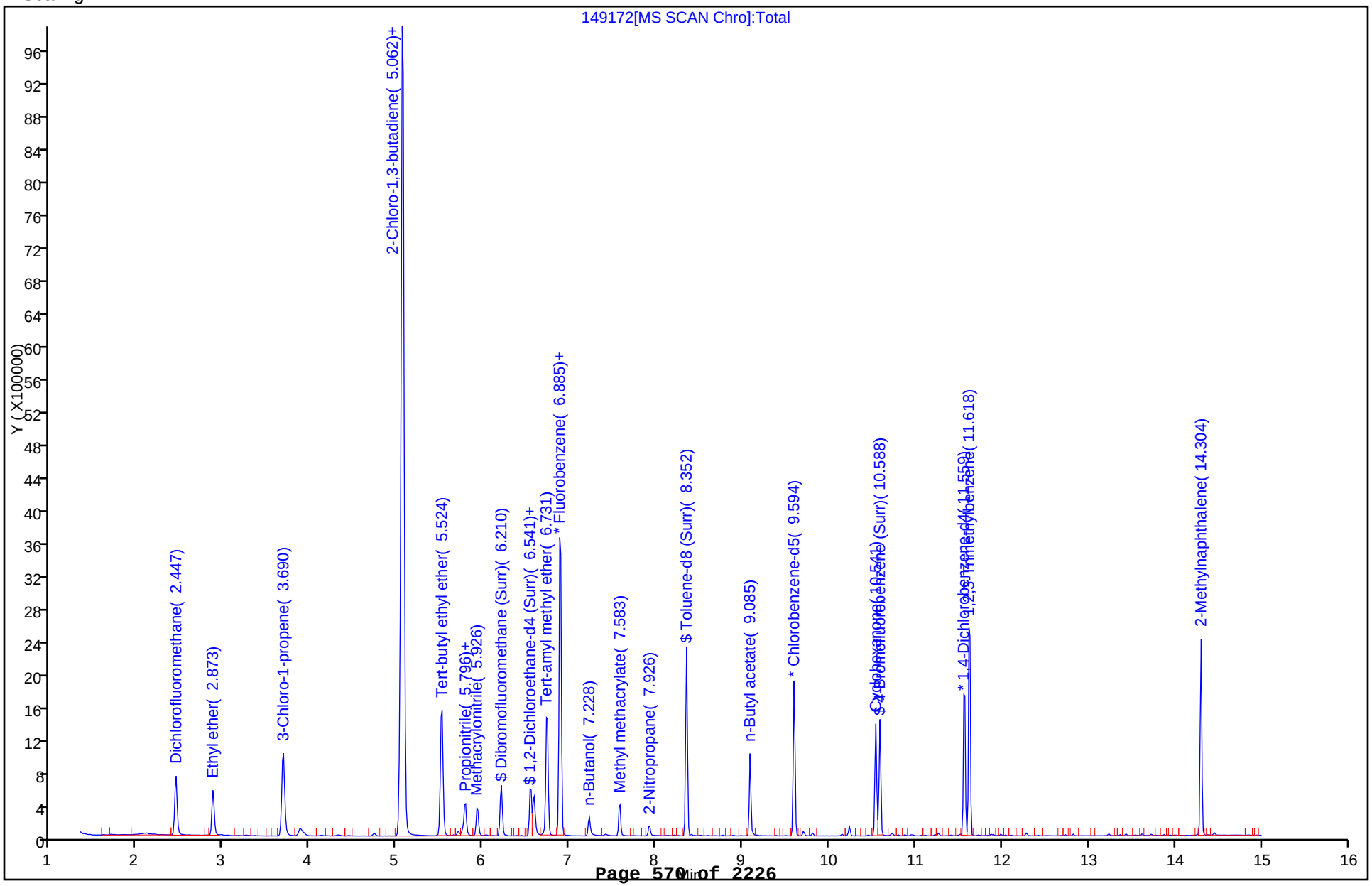
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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	

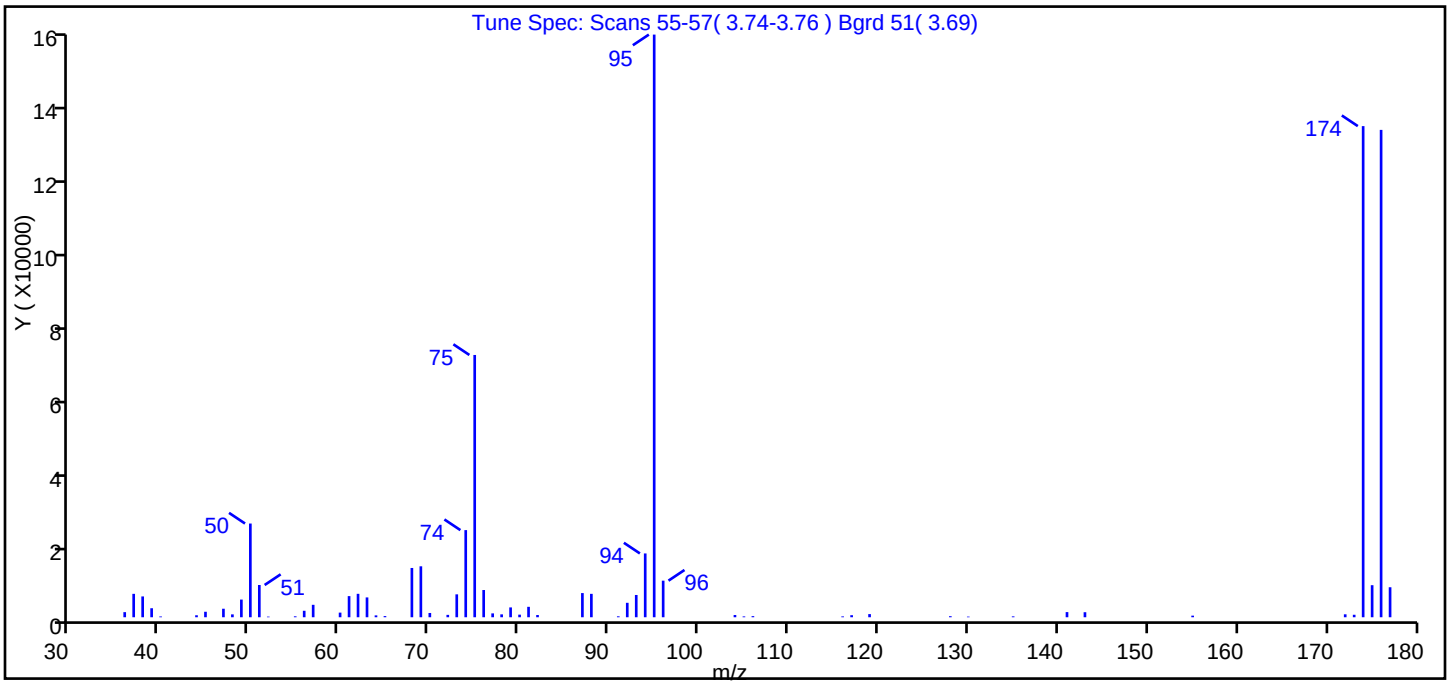
Report Date: 14-Nov-2012 12:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

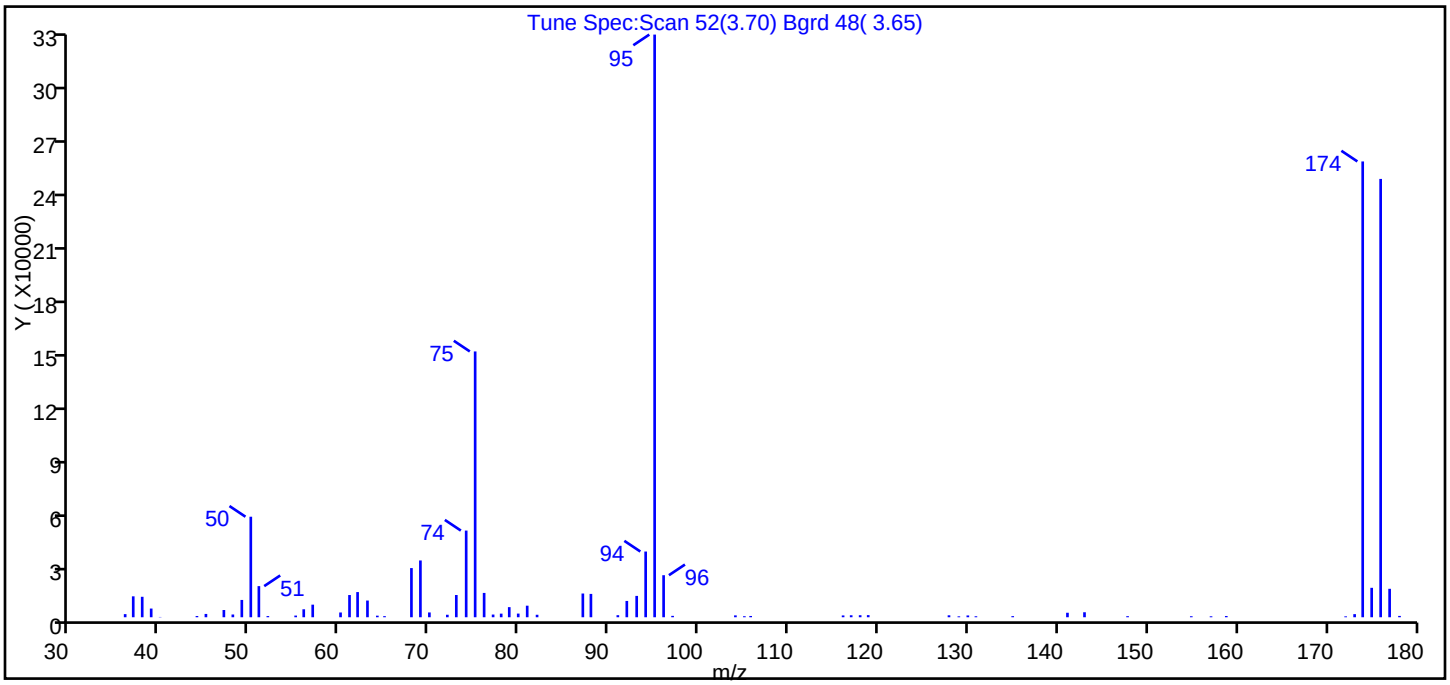
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.699	3.699	0.0	0	485914	0	

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

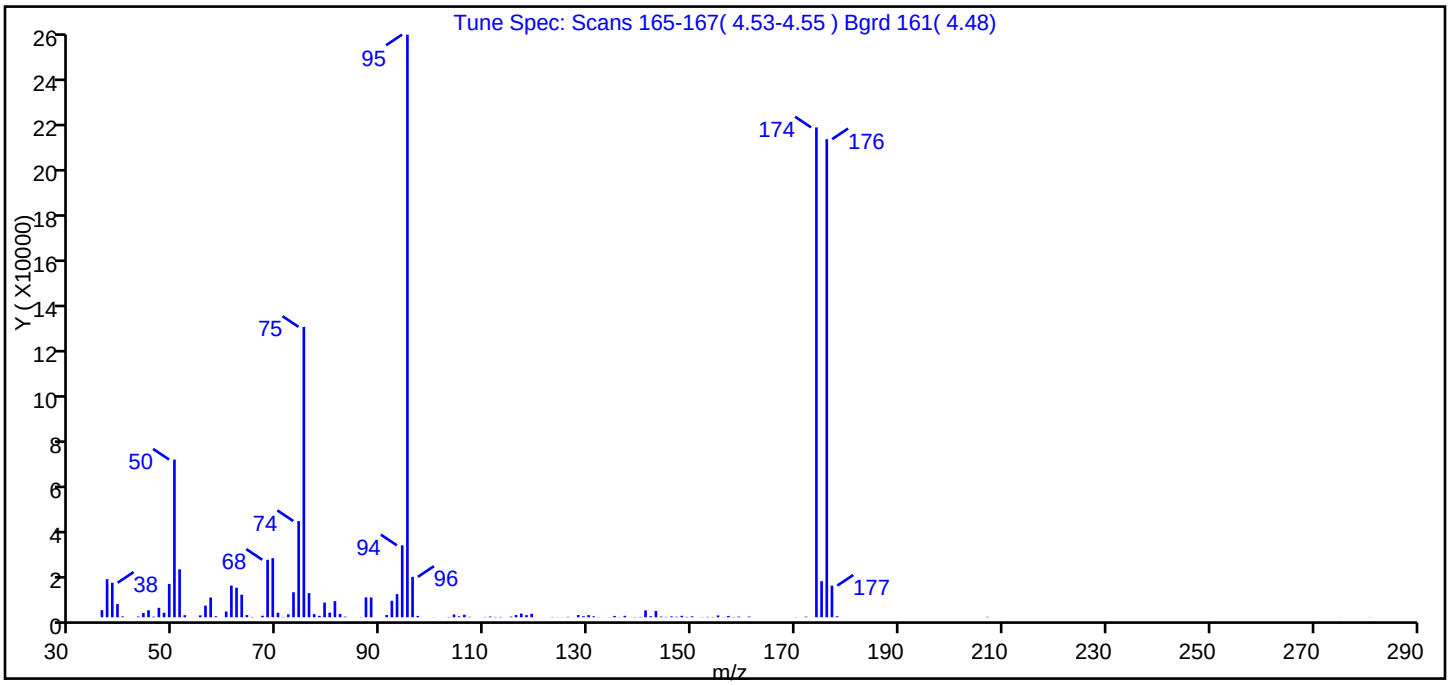
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	597412	0	

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)

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\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

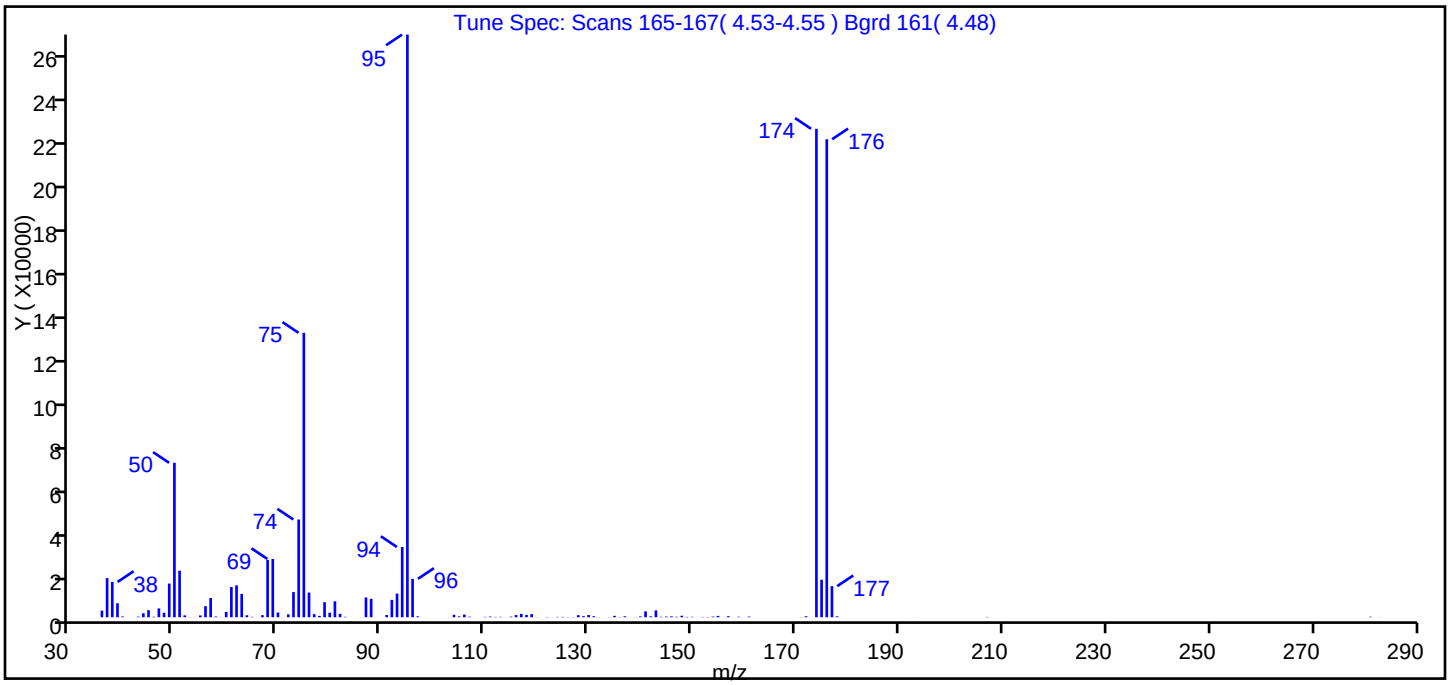
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	616014	0	

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)

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
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
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
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
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
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
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	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
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
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
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
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
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	101		85-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
1868-53-7	Dibromofluoromethane (Surr)	101		85-115

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

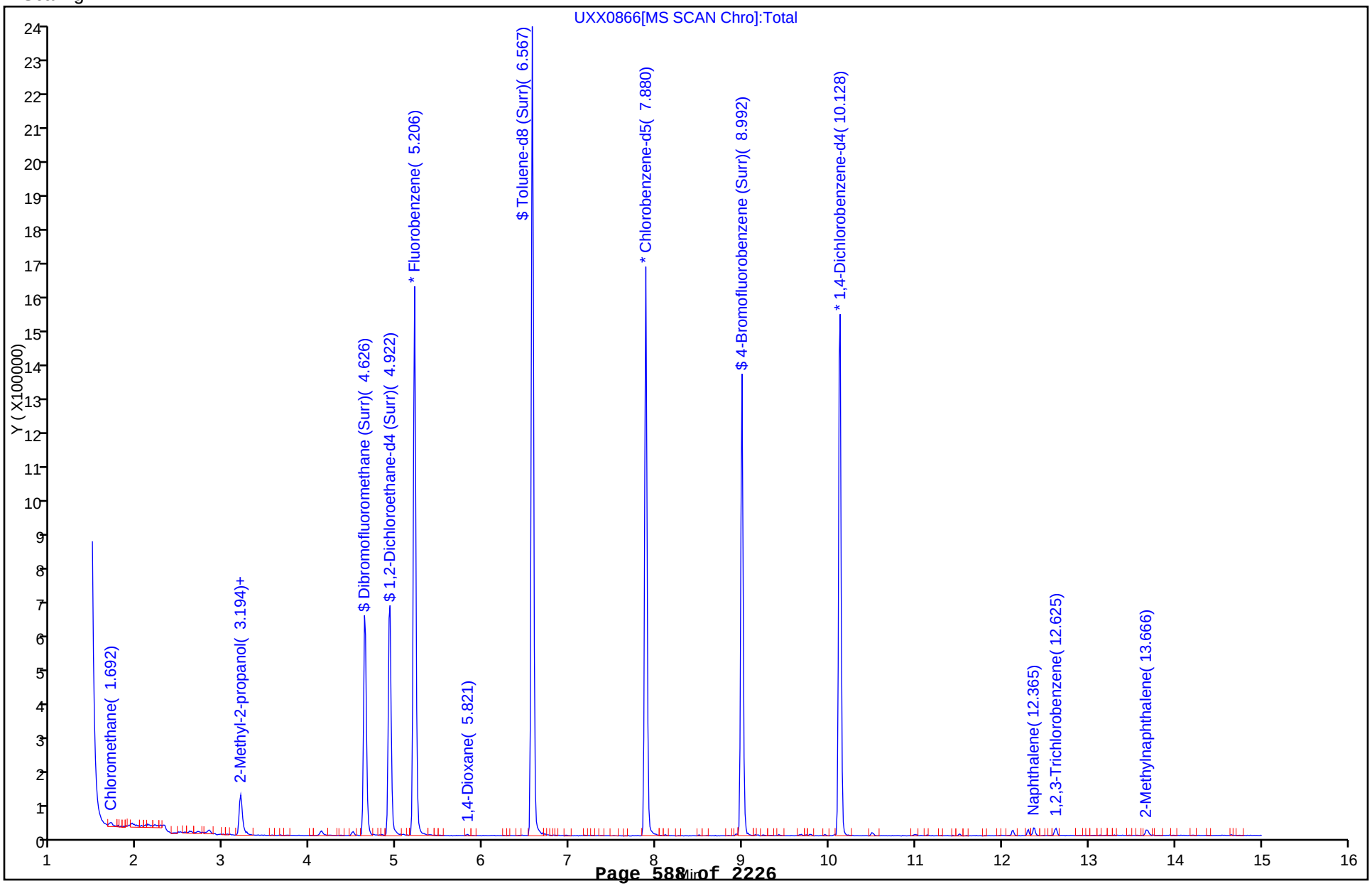
Report Date: 15-Nov-2012 13:50:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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:



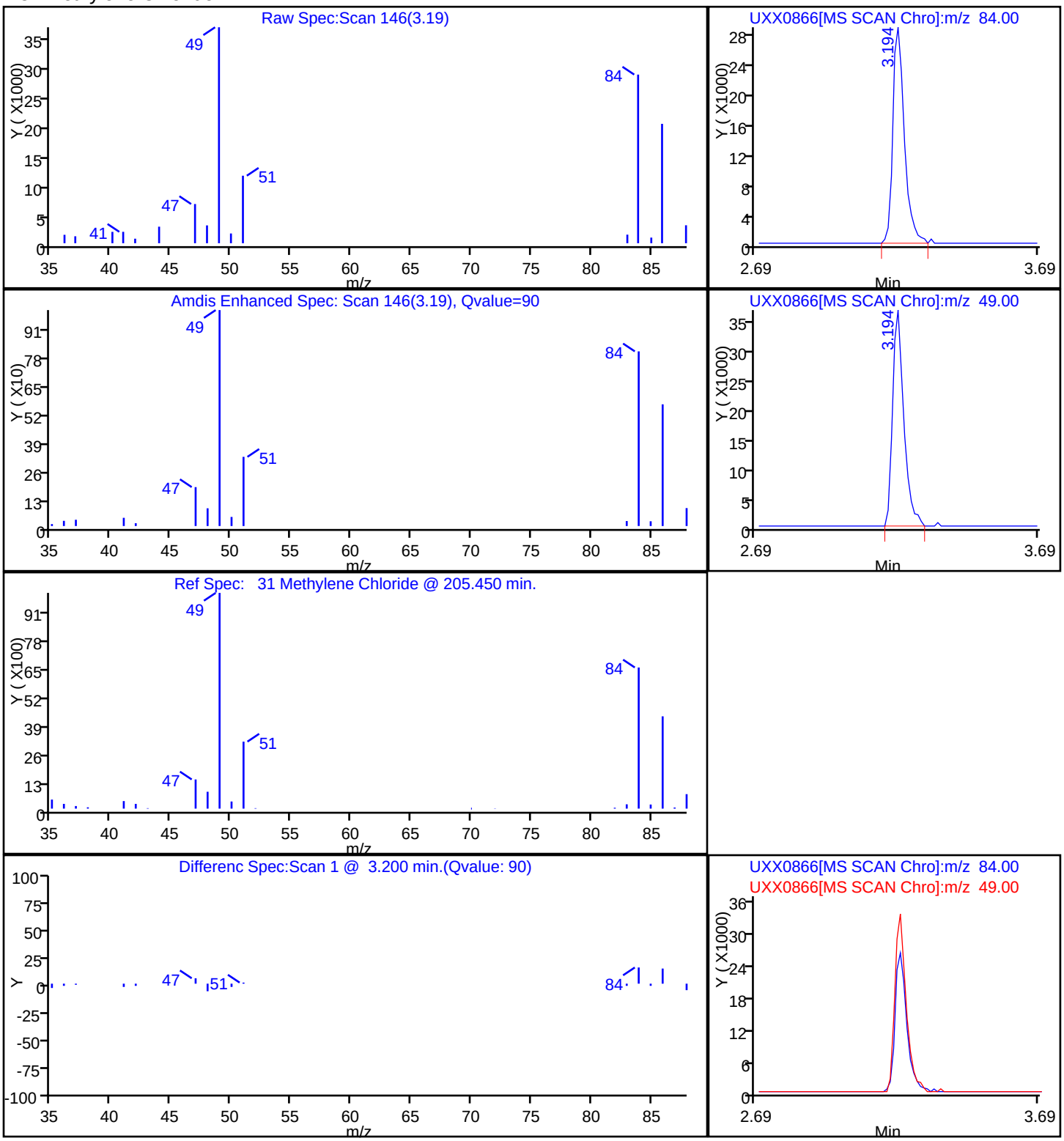
Report Date: 15-Nov-2012 13:50:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
591-78-6	2-Hexanone	1.0	U	20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	0.598	J	20	1.0	0.54
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
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
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
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
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
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
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
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
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	93		85-115
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138

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

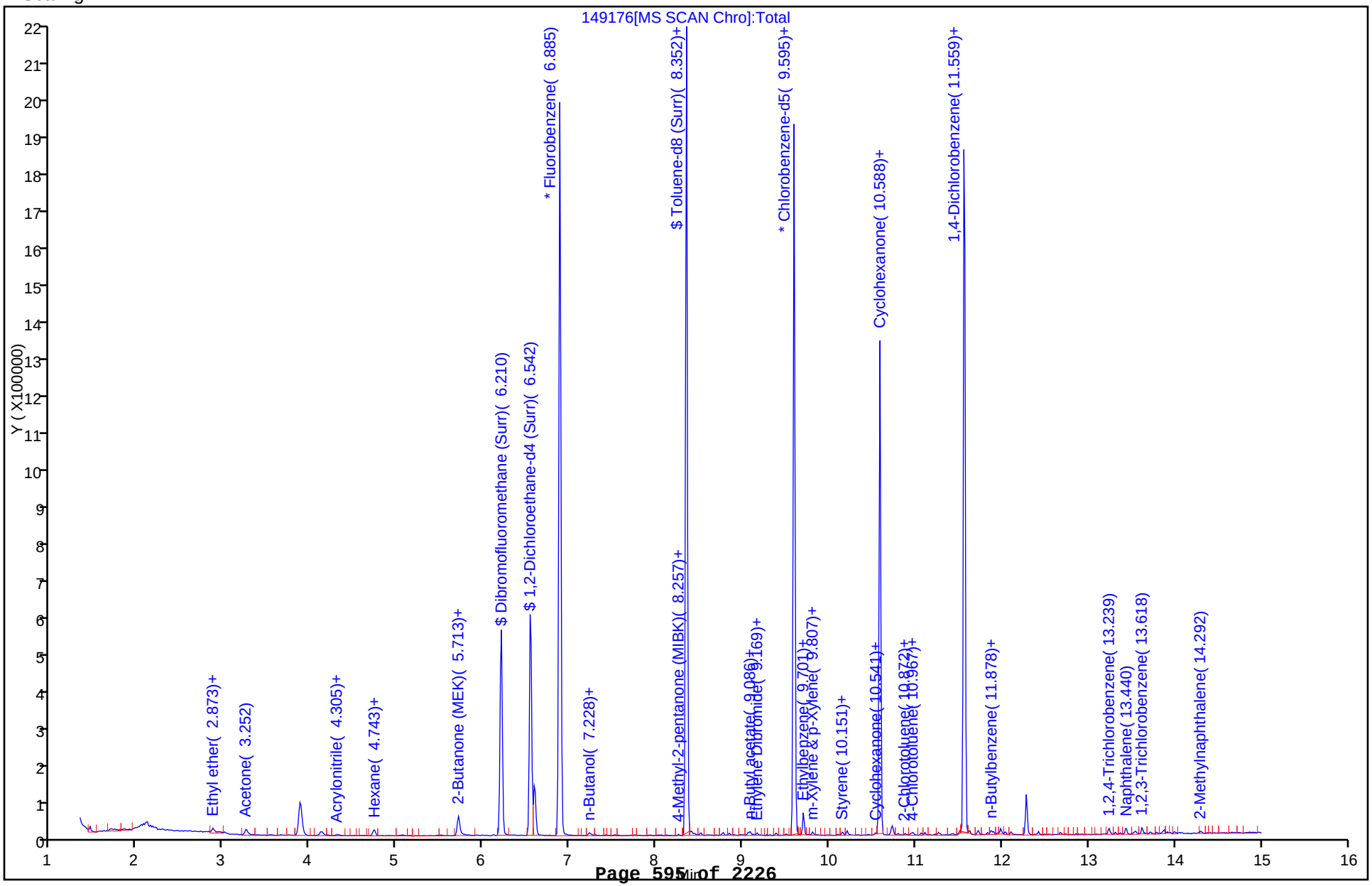
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TestAmerica Canton

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:



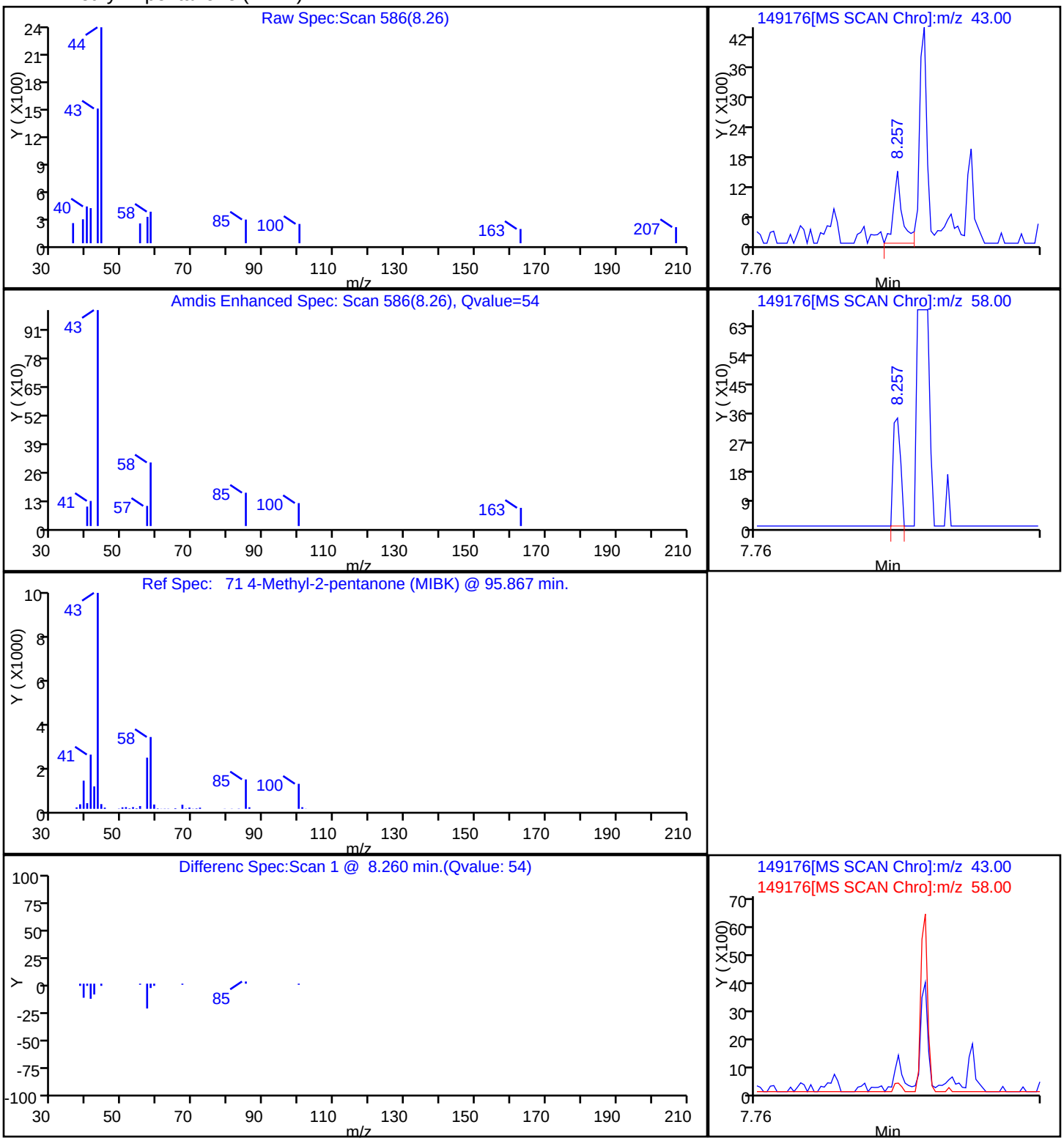
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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

71 4-Methyl-2-pentanone (MIBK)



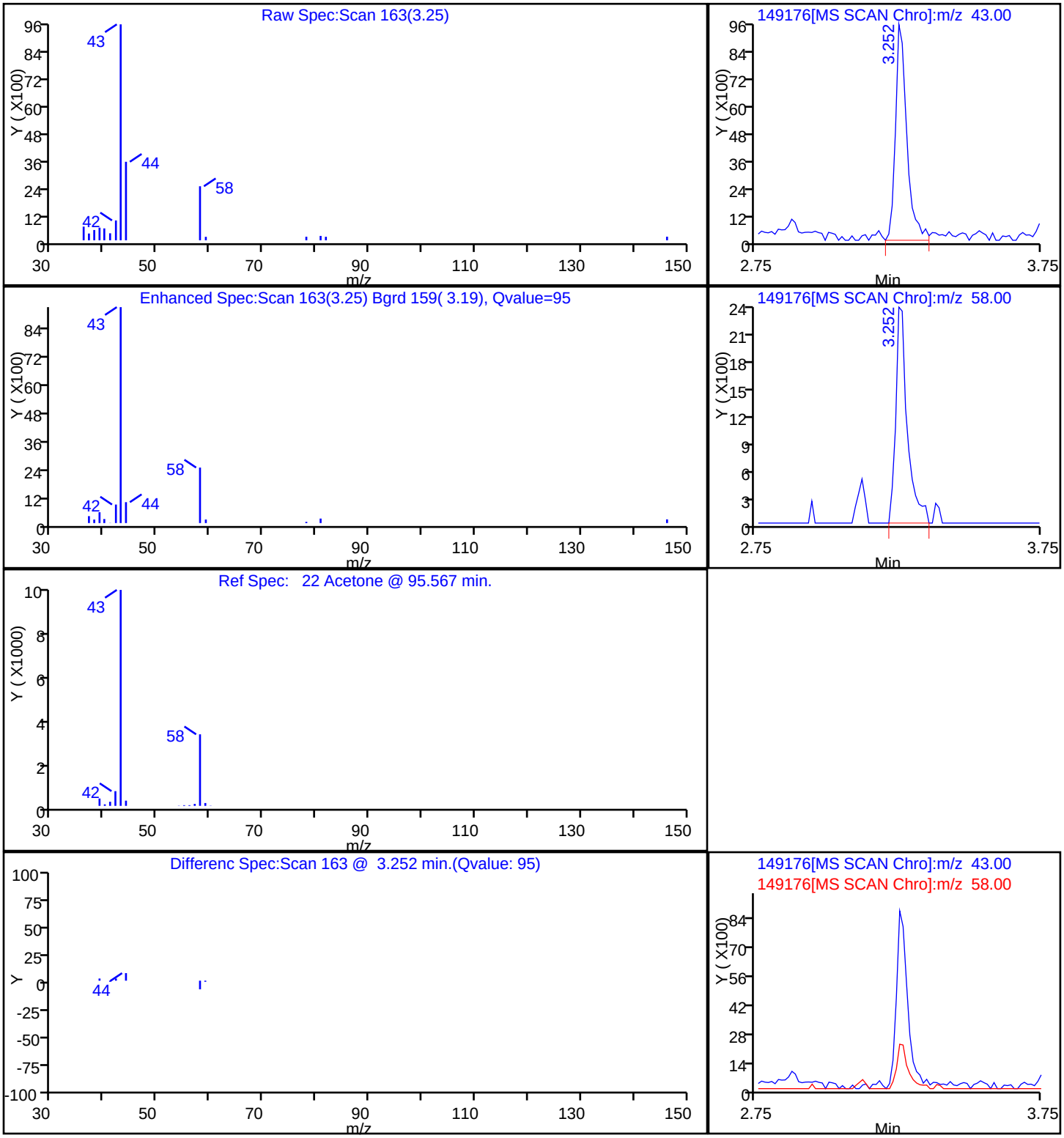
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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

22 Acetone



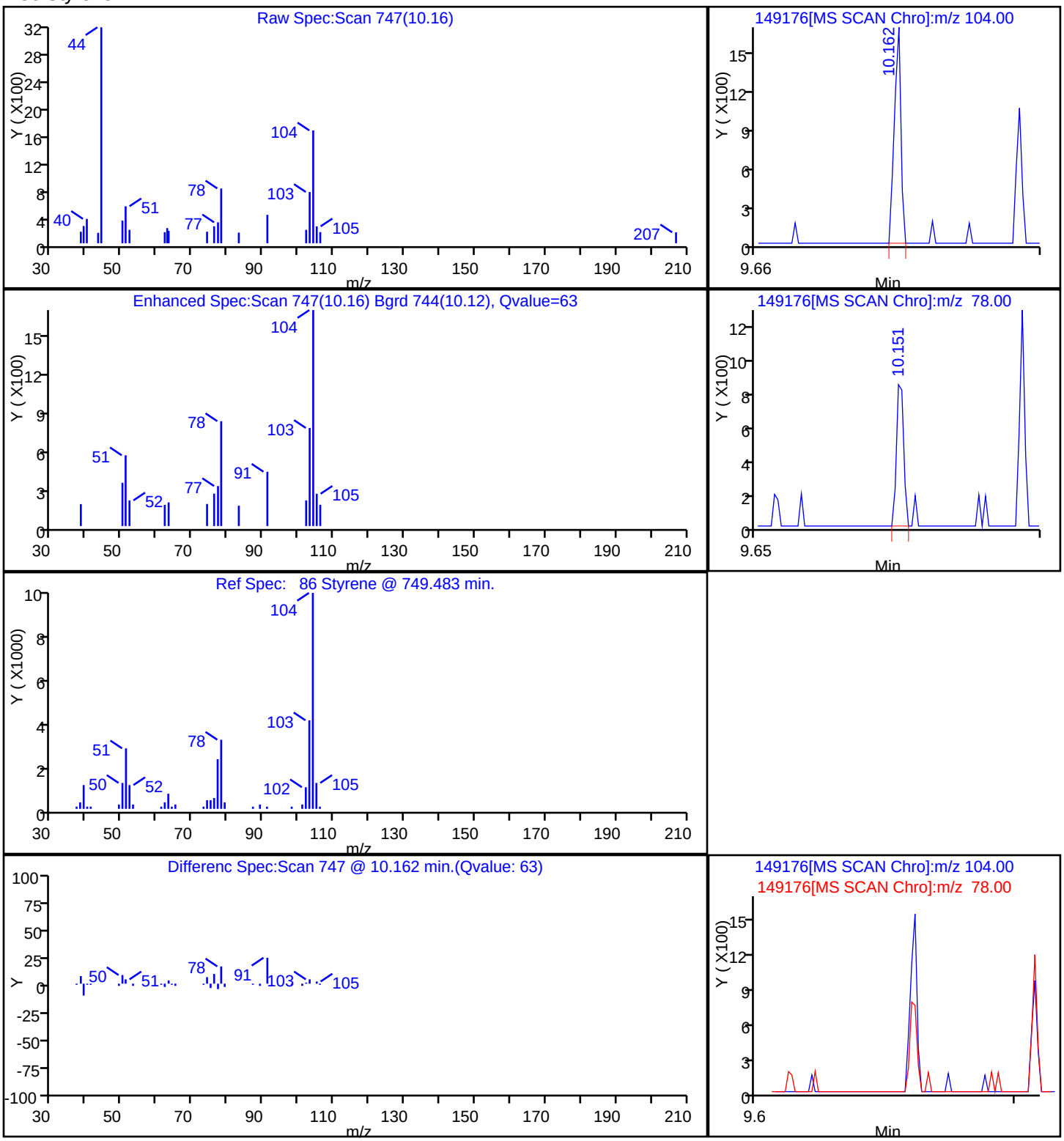
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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

86 Styrene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	10.7		1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	9.64		1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	10.4		1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	10.8		1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	10.9		1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	10.4		1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	21.1		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	10.4		1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	19.0		10	0.57	0.57
591-78-6	2-Hexanone	20.0		10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	20.1		10	0.50	0.32
67-64-1	Acetone	21.4		10	1.1	1.1
71-43-2	Benzene	10.4		1.0	0.25	0.13
75-25-2	Bromoform	9.95		1.0	0.64	0.64
74-83-9	Bromomethane	10.1		1.0	0.50	0.41
75-15-0	Carbon disulfide	11.0		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	10.4		1.0	0.25	0.13
108-90-7	Chlorobenzene	10.1		1.0	0.25	0.15
75-27-4	Bromodichloromethane	10.5		1.0	0.25	0.15
74-87-3	Chloromethane	9.74		1.0	0.50	0.30
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
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
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
67-66-3	Chloroform	10.1		1.0	0.25	0.16
74-97-5	Bromochloromethane	10.2		1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	10.0		1.0	0.25	0.24
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
75-00-3	Chloroethane	10.5		1.0	0.50	0.29
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	104		85-120
460-00-4	4-Bromofluorobenzene (Surr)	106		75-120
1868-53-7	Dibromofluoromethane (Surr)	102		85-115

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	

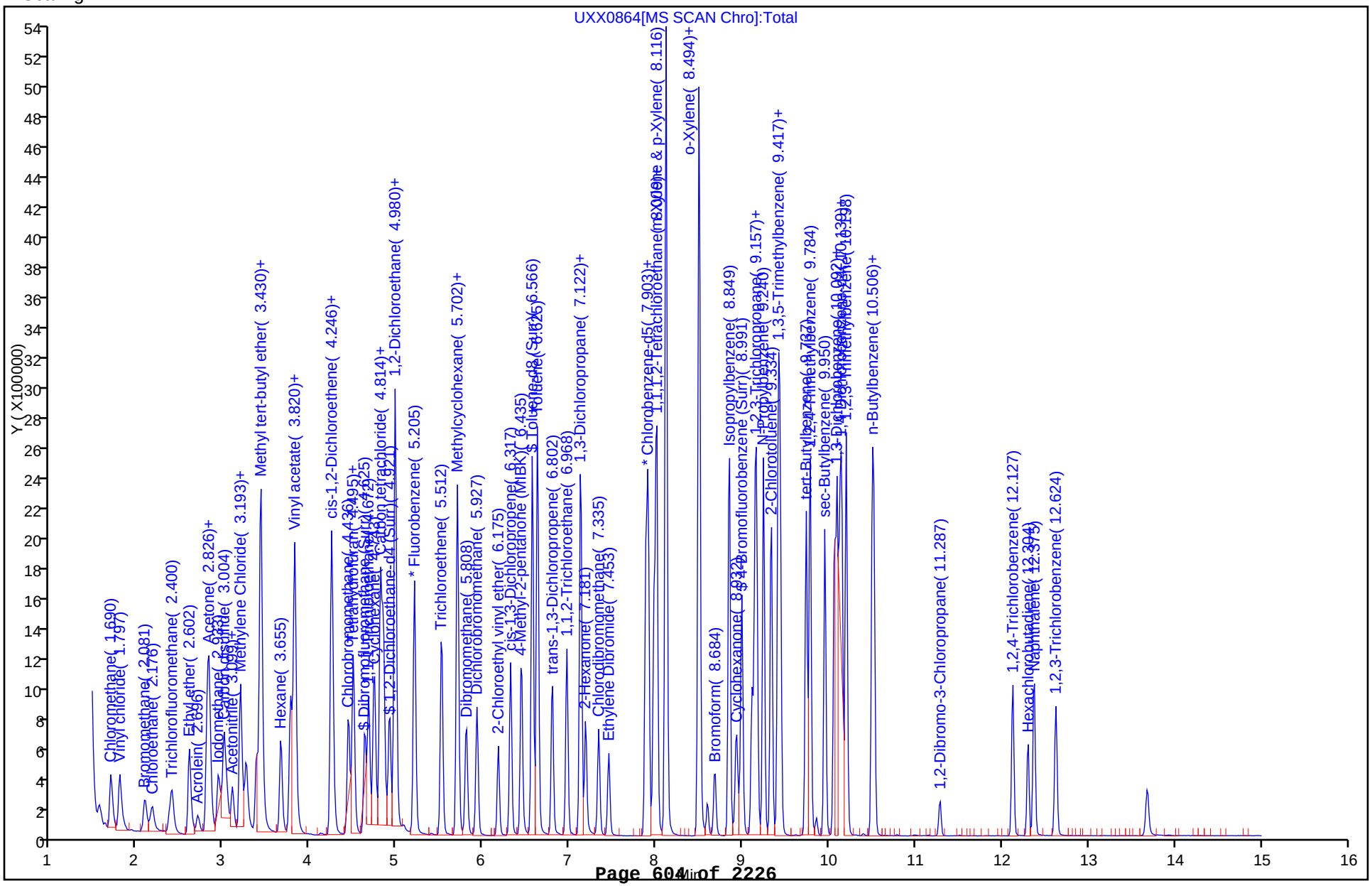
Report Date: 14-Nov-2012 13:08:24 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	52.5		5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	52.8		5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	53.1		5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	51.0		5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	49.9		5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	50.2		5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	97.6		10	1.0	0.77
78-87-5	1,2-Dichloropropane	52.2		5.0	1.0	0.69
78-93-3	2-Butanone (MEK)	107		20	2.0	1.4
591-78-6	2-Hexanone	110		20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	111		20	1.0	0.54
67-64-1	Acetone	116		20	6.3	6.3
71-43-2	Benzene	49.4		5.0	0.50	0.23
75-25-2	Bromoform	44.8		5.0	0.50	0.33
74-83-9	Bromomethane	43.0		5.0	1.0	0.54
75-15-0	Carbon disulfide	38.9		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	49.1		5.0	0.50	0.37
108-90-7	Chlorobenzene	48.4		5.0	0.50	0.33
75-27-4	Bromodichloromethane	44.0		5.0	0.50	0.28
74-87-3	Chloromethane	48.2		5.0	0.50	0.41
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
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
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
67-66-3	Chloroform	48.8		5.0	0.50	0.29
74-97-5	Bromochloromethane	49.6		5.0	1.0	0.71
106-93-4	1,2-Dibromoethane	53.8		5.0	1.0	0.50
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
75-00-3	Chloroethane	44.2		5.0	1.0	0.86
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	97		85-115
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138

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	

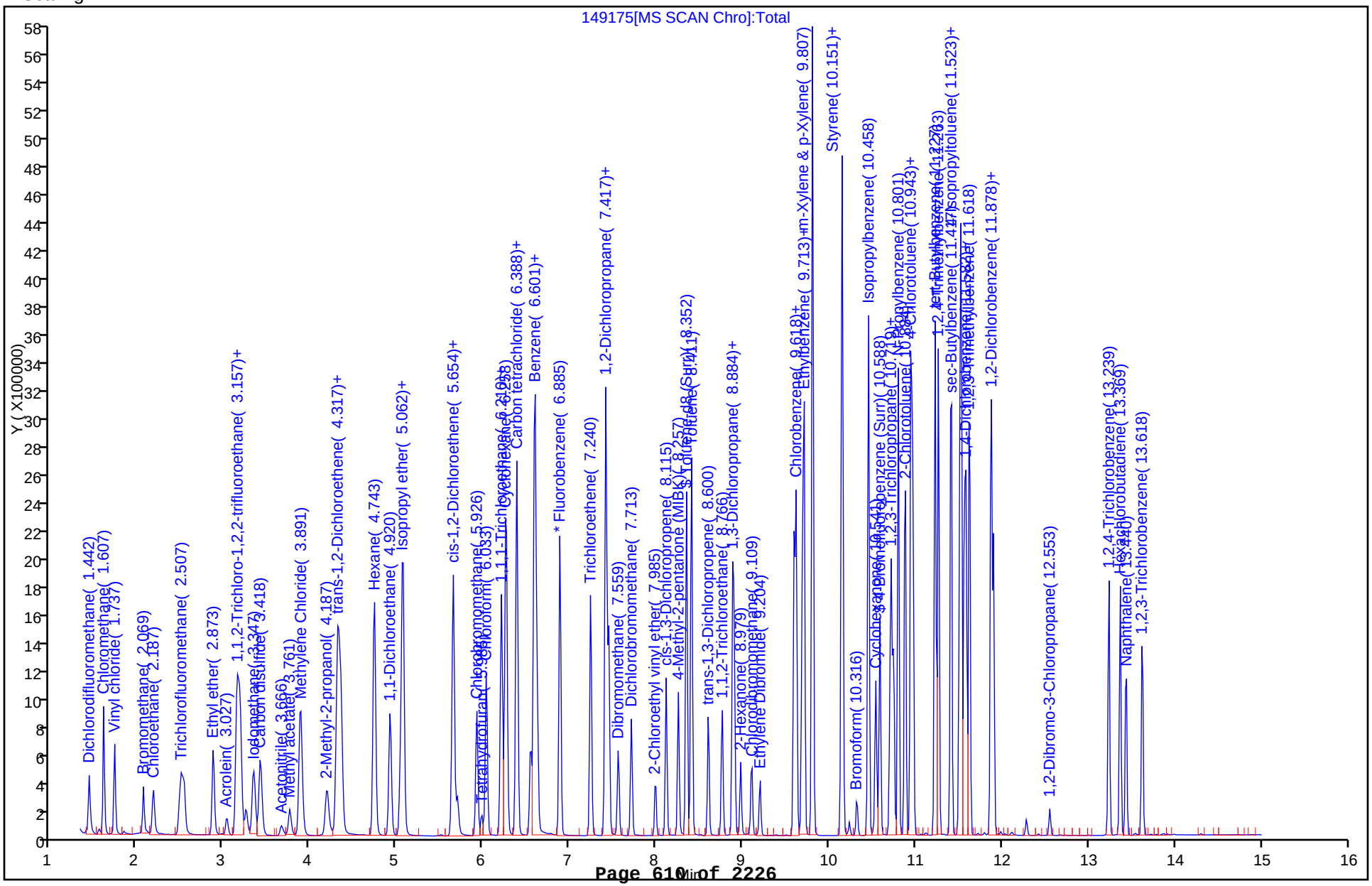
Report Date: 16-Nov-2012 09:58:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	0.00112		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00115		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00107		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00109		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00102		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00113		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00217		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00102		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.00880	J	0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00941	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00913	J	0.010	0.00050	0.00032
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
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
75-15-0	Carbon disulfide	0.00101		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00106		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00111		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00103		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00135	^	0.0010	0.00050	0.00030
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
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
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
67-66-3	Chloroform	0.00108		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00103		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00106		0.0010	0.00025	0.00024
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
75-00-3	Chloroethane	0.00143	^	0.0010	0.00050	0.00029
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	104		50-150
460-00-4	4-Bromofluorobenzene (Surr)	99		50-150
1868-53-7	Dibromofluoromethane (Surr)	100		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

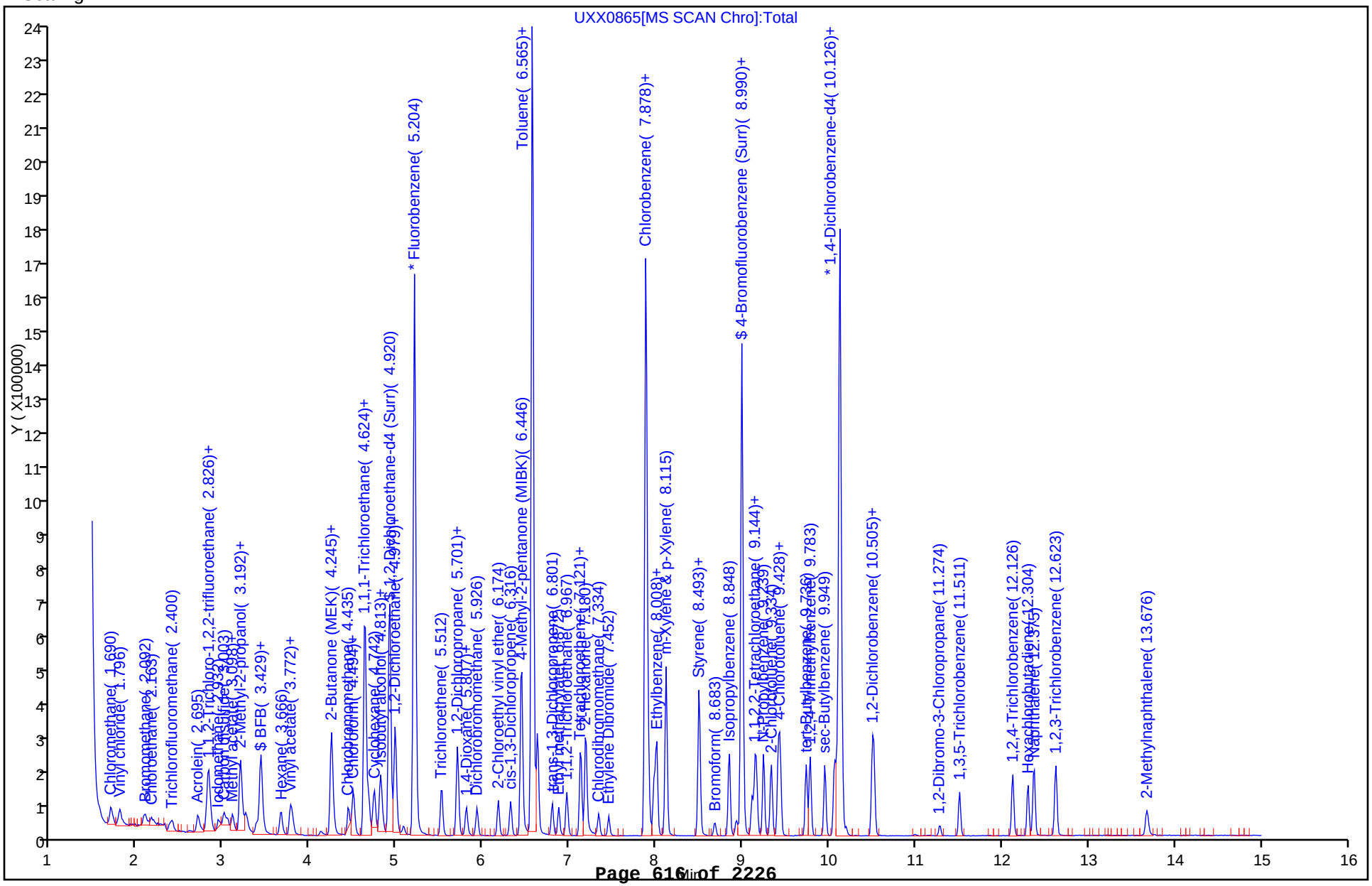
Report Date: 15-Nov-2012 13:50:55 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	0.00104		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00103		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00110		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00105		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00106		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00105		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00206		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00100		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.00916	J	0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00917	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00922	J	0.010	0.00050	0.00032
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
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
75-15-0	Carbon disulfide	0.000973	J	0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00103		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.000988	J	0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.000934	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00124		0.0010	0.00050	0.00030
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
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
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
67-66-3	Chloroform	0.00107		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00109		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.000932	J	0.0010	0.00025	0.00024
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
75-00-3	Chloroethane	0.00116		0.0010	0.00050	0.00029
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	109		50-150
460-00-4	4-Bromofluorobenzene (Surr)	97		50-150
1868-53-7	Dibromofluoromethane (Surr)	104		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

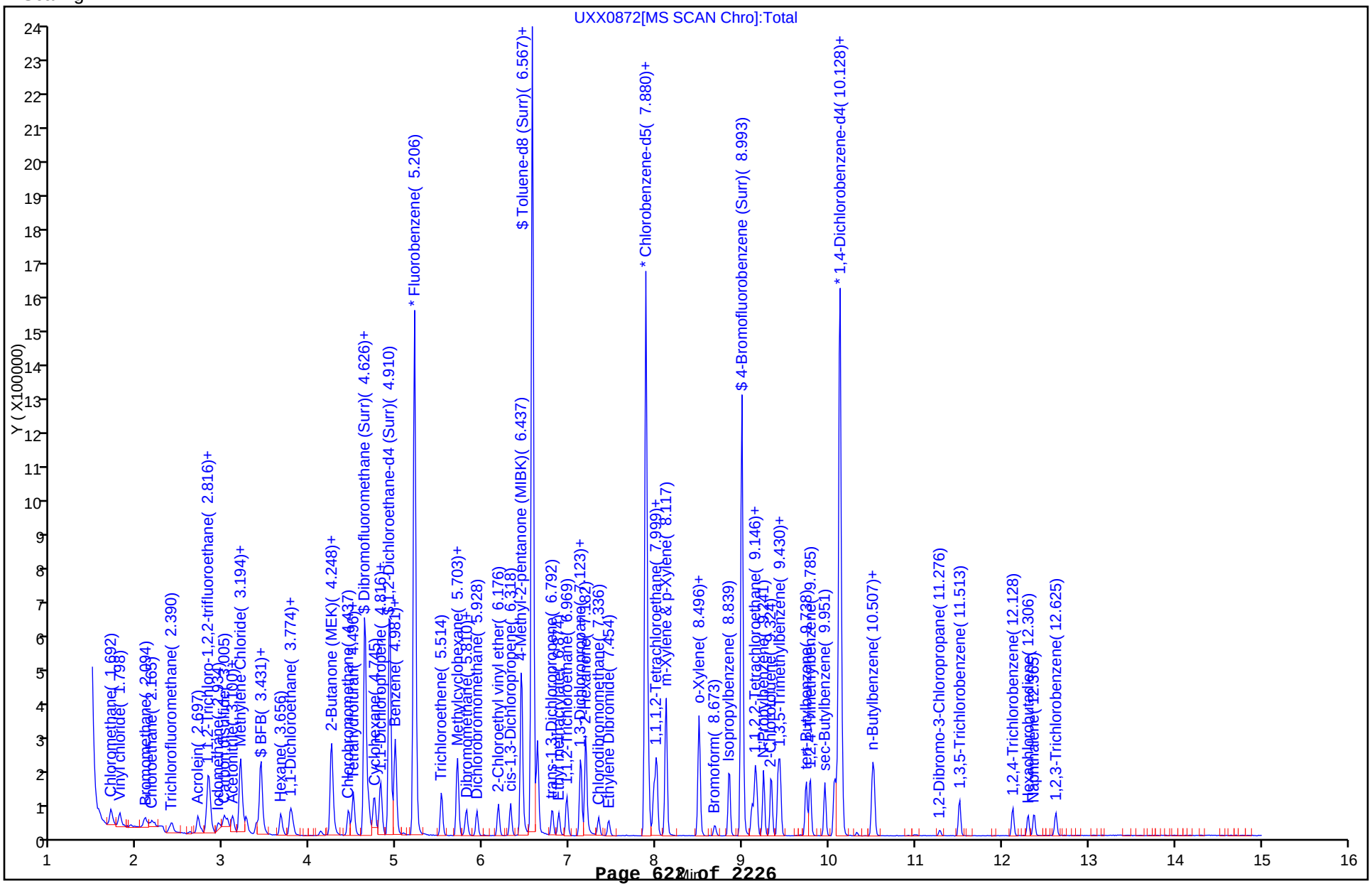
Report Date: 15-Nov-2012 13:51:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	0.00465		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00464		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00489		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00470		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00478		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00505		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00958		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00485		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0102		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00914	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00948	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0175	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00490		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00607		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00580		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00358		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00456		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00498		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00411		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00583		0.0010	0.00050	0.00030
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
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
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
67-66-3	Chloroform	0.00474		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00475		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00444		0.0010	0.00025	0.00024
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
75-00-3	Chloroethane	0.00562		0.0010	0.0050	0.00029
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	95		50-150
1868-53-7	Dibromofluoromethane (Surr)	89		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

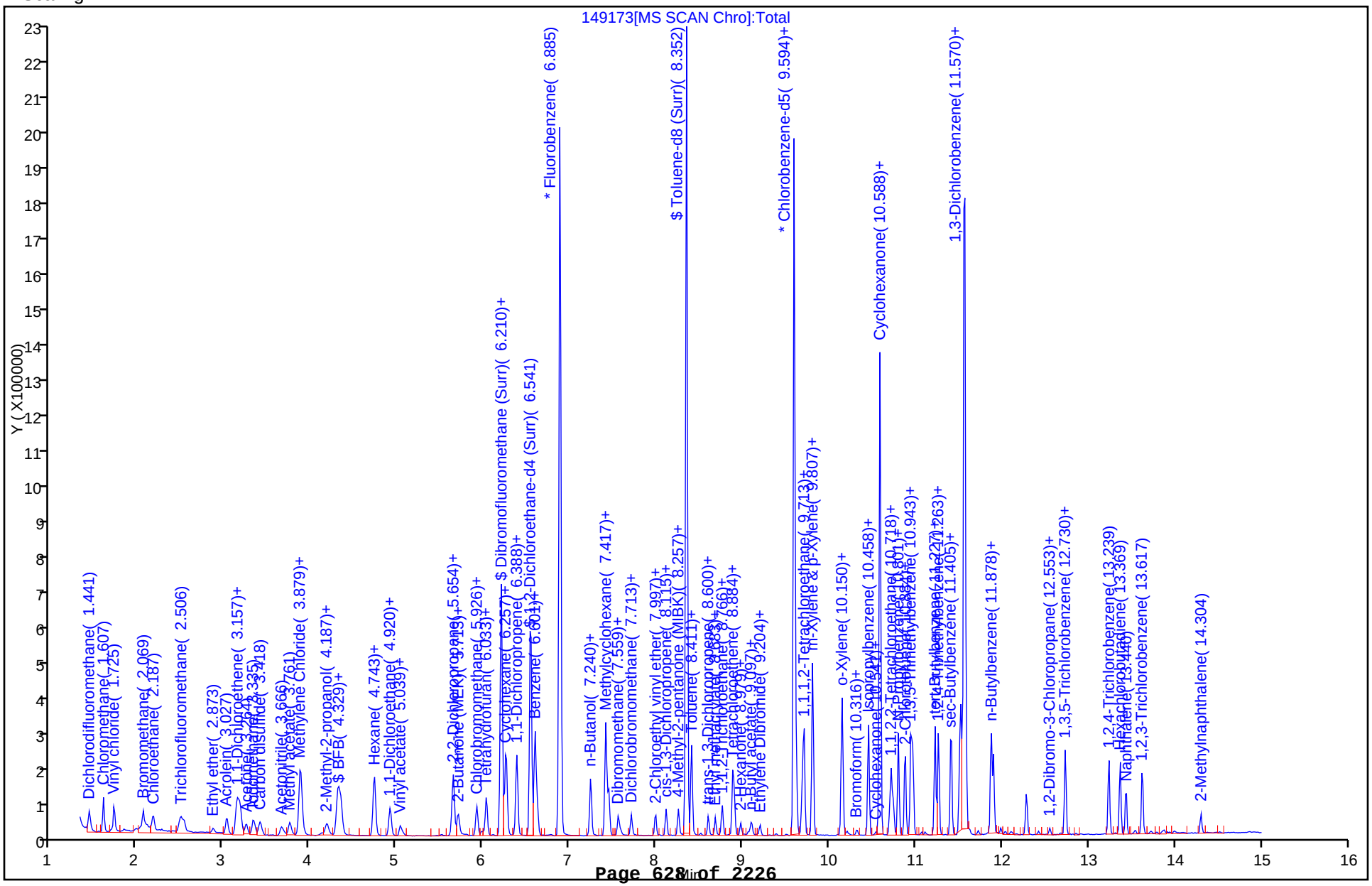
Report Date: 16-Nov-2012 09:58:09 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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.: 240-17467-1

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
71-55-6	1,1,1-Trichloroethane	0.00437		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00525		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00567		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00476		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00467		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00522		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00908		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00508		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0119		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.0109		0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0102		0.010	0.00050	0.00032
67-64-1	Acetone	0.0201	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00504		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00648		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00491		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00353		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00444		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00495		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00433		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00516		0.0010	0.00050	0.00030
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
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
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
67-66-3	Chloroform	0.00471		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00472		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00492		0.0010	0.00025	0.00024
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
75-00-3	Chloroethane	0.00482		0.0010	0.0050	0.00029
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.: 240-17467-1

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
2037-26-5	Toluene-d8 (Surr)	96		50-150
460-00-4	4-Bromofluorobenzene (Surr)	101		50-150
1868-53-7	Dibromofluoromethane (Surr)	87		50-150

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

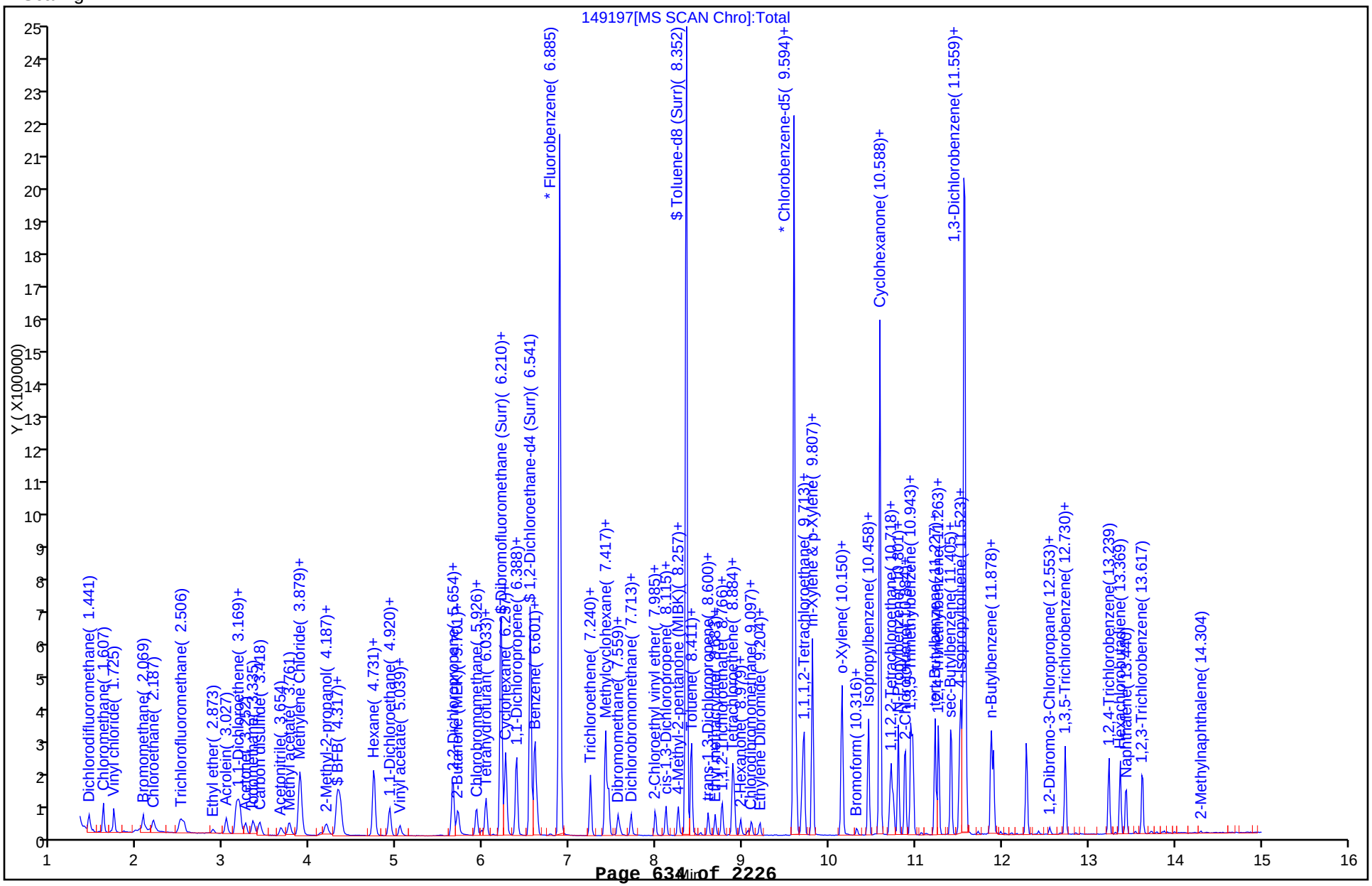
Report Date: 16-Nov-2012 09:58:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS | Lab Sample ID: 240-17467-2 MS

Matrix: Solid | Lab File ID: 149189.D

Analysis Method: 8260B/DoD | Date Collected: 11/09/2012 14:00

Sample wt/vol: 5.116(g) | Date Analyzed: 11/15/2012 18:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 37.0 | 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	93.6		7.8	1.6	0.87
79-34-5	1,1,2,2-Tetrachloroethane	122	J	7.8	0.78	0.53
79-00-5	1,1,2-Trichloroethane	93.0		7.8	0.78	0.61
75-34-3	1,1-Dichloroethane	92.1		7.8	0.78	0.56
75-35-4	1,1-Dichloroethene	93.9		7.8	1.6	0.81
106-93-4	1,2-Dibromoethane	83.6		7.8	1.6	0.78
107-06-2	1,2-Dichloroethane	78.8		7.8	0.78	0.53
540-59-0	1,2-Dichloroethene, Total	172		16	1.6	1.2
78-87-5	1,2-Dichloropropane	78.0		7.8	1.6	1.1
78-93-3	2-Butanone (MEK)	134		31	3.1	2.2
591-78-6	2-Hexanone	144		31	1.6	0.98
108-10-1	4-Methyl-2-pentanone (MIBK)	182		31	1.6	0.84
67-64-1	Acetone	179		31	9.8	9.8
71-43-2	Benzene	81.7		7.8	0.78	0.36
74-97-5	Bromochloromethane	81.2		7.8	1.6	1.1
75-27-4	Bromodichloromethane	60.4		7.8	0.78	0.43
75-25-2	Bromoform	54.6		7.8	0.78	0.51
74-83-9	Bromomethane	63.0		7.8	1.6	0.84
75-15-0	Carbon disulfide	50.8		7.8	0.78	0.68
56-23-5	Carbon tetrachloride	80.2		7.8	0.78	0.57
108-90-7	Chlorobenzene	74.1		7.8	0.78	0.51
75-00-3	Chloroethane	90.5		7.8	1.6	1.3
67-66-3	Chloroform	83.5		7.8	0.78	0.45
74-87-3	Chloromethane	92.4		7.8	0.78	0.64
10061-01-5	cis-1,3-Dichloropropene	49.6	J	7.8	0.78	0.53
124-48-1	Dibromochloromethane	69.3		7.8	1.6	0.85
100-41-4	Ethylbenzene	77.5		7.8	0.78	0.40
1634-04-4	Methyl tert-butyl ether	82.0		7.8	0.78	0.67
75-09-2	Methylene Chloride	98.7		7.8	1.6	1.0
100-42-5	Styrene	65.0		7.8	0.78	0.23
127-18-4	Tetrachloroethene	83.6		7.8	1.6	0.81
108-88-3	Toluene	89.8		7.8	0.78	0.42
10061-02-6	trans-1,3-Dichloropropene	62.1		7.8	1.6	0.84
79-01-6	Trichloroethene	76.9		7.8	0.78	0.65
75-01-4	Vinyl chloride	90.7		7.8	0.78	0.61
1330-20-7	Xylenes, Total	228		16	2.3	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS Lab Sample ID: 240-17467-2 MS

Matrix: Solid Lab File ID: 149189.D

Analysis Method: 8260B/DoD Date Collected: 11/09/2012 14:00

Sample wt/vol: 5.116(g) Date Analyzed: 11/15/2012 18:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 37.0 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)	89		61-130
460-00-4	4-Bromofluorobenzene (Surr)	131	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138
2037-26-5	Toluene-d8 (Surr)	114		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149189.D
Lims ID: 240-17467-F-2-A MS Client ID: 075SD-0002-0002-SD
Inject. Date: 15-Nov-2012 18:05:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-17467-f-2-a ms
Misc. Info.: 240-0014986-021 =240-0014986-021
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 65171 Lims Sample ID: 21
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 09:14:09

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	856621	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	389566	50.0	s
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.570	-0.011	91	134279	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	45	209910	46.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	217832	44.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	665311	57.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	86	146621	65.5	
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	1.442	1.442	0.0	87	267703	54.4	
13 Chloromethane	50	1.607	1.607	0.0	89	499567	59.5	
14 Vinyl chloride	62	1.737	1.737	0.0	84	384395	58.4	
15 Bromomethane	94	2.069	2.069	0.0	89	86854	40.6	
16 Chloroethane	64	2.187	2.187	0.0	92	220486	58.3	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	385991	61.5	
19 Ethyl ether	59	2.873	2.873	0.0	97	226809	53.7	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	82	7153	12.3	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	298024	60.5	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	282257	60.0	
22 Acetone	43	3.252	3.252	0.0	97	146831	115.3	
24 Iodomethane	142	3.347	3.347	0.0	99	318920	36.4	
26 Carbon disulfide	76	3.418	3.418	0.0	99	468692	32.7	
27 Acetonitrile	41	3.666	3.666	0.0	100	67577	126.4	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	100	314345	89.6	

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	340003	63.6	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	86	290719	1172.6	
32 Acrylonitrile	53	4.305	4.305	0.0	97	176206	106.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	311915	56.4	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	591213	52.9	
35 Hexane	86	4.743	4.743	0.0	96	53879	41.4	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	629061	59.3	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87	5.074	5.074	0.0	95	221970	51.2	
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	75	237252	66.5	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	304033	54.6	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	96	144284	86.5	
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	128162	52.3	
48 Tetrahydrofuran	42	5.985	5.985	0.0	90	62884	53.2	
49 Chloroform	83	6.033	6.033	0.0	84	478168	53.8	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	92	411569	60.3	
51 Cyclohexane	56	6.258	6.258	0.0	95	664957	48.1	
53 Carbon tetrachloride	117	6.388	6.388	0.0	73	352576	51.7	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	361108	52.8	
54 Isobutyl alcohol	41	6.577	6.589	-0.012	91	331499	2666.0	
55 Benzene	78	6.601	6.601	0.0	96	1004569	52.7	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	347328	50.8	
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	92	268056	49.6	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	97	413066	39.3	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	86	242143	50.3	
65 Dibromomethane	93	7.559	7.559	0.0	87	103213	49.3	
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	199105	38.9	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	90	47025	36.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	159298	32.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	282601	117.6	
72 Toluene	91	8.411	8.411	0.0	91	792127	57.8	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	120408	40.0	
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	111564	59.9	
77 Tetrachloroethene	164	8.884	8.885	-0.001	90	168145	53.9	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	189076	58.1	
78 2-Hexanone	43	8.979	8.979	0.0	98	116174	92.9	
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	92320	44.6	

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	99	97653	53.9	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	429208	47.8	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	86	172541	51.3	
84 Ethylbenzene	106	9.713	9.713	0.0	98	241962	49.9	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	97	582541	98.1	
85 o-Xylene	106	10.151	10.151	0.0	95	309865	48.9	
86 Styrene	104	10.162	10.162	0.0	94	339979	41.9	
87 Bromoform	173	10.316	10.328	-0.012	95	34788	35.2	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	769717	44.9	
89 Cyclohexanone	55	10.541	10.541	0.0	86	245109	438.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	105089	78.4	
91 Bromobenzene	156	10.719	10.719	-0.001	93	142152	65.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	81	37434	83.8	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	57	44613	98.2	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	181472	68.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	155866	65.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	95	535334	63.9	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	137313	59.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	77	501783	62.4	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	497541	60.3	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	624143	57.4	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	85	229516	48.6	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	91	543712	57.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	223892	45.7	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	490698	61.0	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	358073	45.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	203328	44.5	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	62	11895	54.0	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	85928	26.6	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	57205	32.5	
111 Naphthalene	128	13.440	13.440	0.0	97	168849	30.5	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	70387	26.2	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	62467686	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	71230036	0	
S 137 Trihalomethanes, Total	1				0		172.5	
S 11 1,2-Dichloroethene, Total	96				0		111.0	
S 9 1,3-Dichloropropene, Total	75				0		72.0	
S 114 Xylenes, Total	106				0		146.9	

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

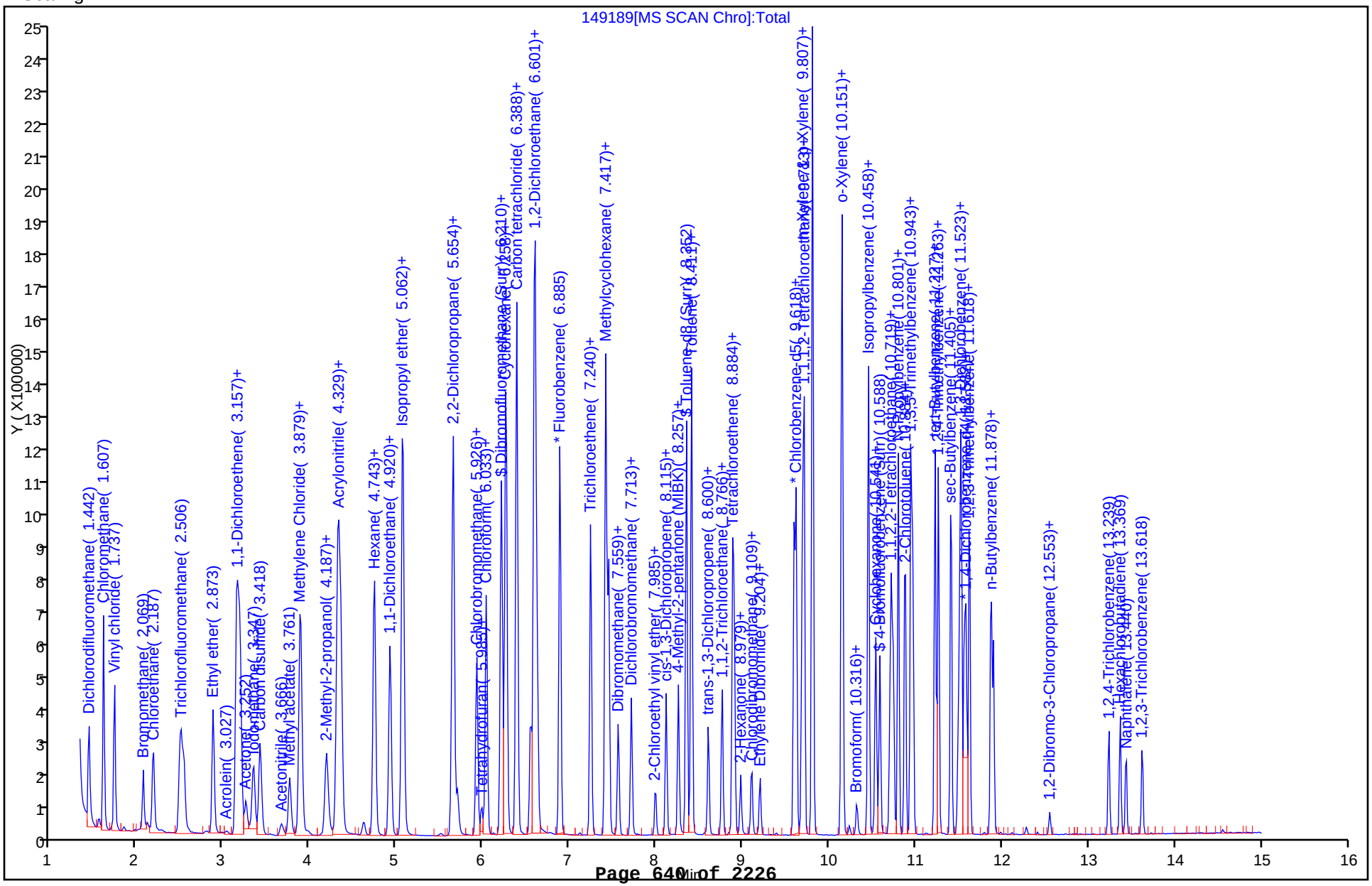
Report Date: 17-Nov-2012 10:21:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149189.D

Injection Date:	15-Nov-2012 18:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0002-0002-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	21
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD | Lab Sample ID: 240-17467-2 MSD

Matrix: Solid | Lab File ID: 149190.D

Analysis Method: 8260B/DoD | Date Collected: 11/09/2012 14:00

Sample wt/vol: 4.569(g) | Date Analyzed: 11/15/2012 18:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 37.0 | 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	68.1	J	8.7	1.7	0.97
79-34-5	1,1,2,2-Tetrachloroethane	74.7	J	8.7	0.87	0.59
79-00-5	1,1,2-Trichloroethane	75.9		8.7	0.87	0.68
75-34-3	1,1-Dichloroethane	72.7		8.7	0.87	0.63
75-35-4	1,1-Dichloroethene	70.0		8.7	1.7	0.90
106-93-4	1,2-Dibromoethane	72.4		8.7	1.7	0.87
107-06-2	1,2-Dichloroethane	74.7		8.7	0.87	0.59
540-59-0	1,2-Dichloroethene, Total	133	J	17	1.7	1.3
78-87-5	1,2-Dichloropropane	73.4		8.7	1.7	1.2
78-93-3	2-Butanone (MEK)	162		35	3.5	2.4
591-78-6	2-Hexanone	154		35	1.7	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	168		35	1.7	0.94
67-64-1	Acetone	166		35	11	11
71-43-2	Benzene	68.7		8.7	0.87	0.40
74-97-5	Bromochloromethane	68.9		8.7	1.7	1.2
75-27-4	Bromodichloromethane	59.5	J	8.7	0.87	0.49
75-25-2	Bromoform	55.2		8.7	0.87	0.57
74-83-9	Bromomethane	51.9		8.7	1.7	0.94
75-15-0	Carbon disulfide	41.3		8.7	0.87	0.76
56-23-5	Carbon tetrachloride	61.8		8.7	0.87	0.64
108-90-7	Chlorobenzene	53.9	J	8.7	0.87	0.57
75-00-3	Chloroethane	63.4	J	8.7	1.7	1.5
67-66-3	Chloroform	67.7		8.7	0.87	0.50
74-87-3	Chloromethane	71.2		8.7	0.87	0.71
10061-01-5	cis-1,3-Dichloropropene	58.0	J	8.7	0.87	0.59
124-48-1	Dibromochloromethane	61.1		8.7	1.7	0.96
100-41-4	Ethylbenzene	54.4	J	8.7	0.87	0.45
1634-04-4	Methyl tert-butyl ether	73.1		8.7	0.87	0.75
75-09-2	Methylene Chloride	69.0	J	8.7	1.7	1.2
100-42-5	Styrene	51.2	J	8.7	0.87	0.26
127-18-4	Tetrachloroethene	55.9	J	8.7	1.7	0.90
108-88-3	Toluene	61.3	J	8.7	0.87	0.47
10061-02-6	trans-1,3-Dichloropropene	57.2		8.7	1.7	0.94
79-01-6	Trichloroethene	66.1		8.7	0.87	0.73
75-01-4	Vinyl chloride	70.7		8.7	0.87	0.68
1330-20-7	Xylenes, Total	157	J	17	2.6	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD Lab Sample ID: 240-17467-2 MSD

Matrix: Solid Lab File ID: 149190.D

Analysis Method: 8260B/DoD Date Collected: 11/09/2012 14:00

Sample wt/vol: 4.569(g) Date Analyzed: 11/15/2012 18:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 37.0 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)	107		85-120
1868-53-7	Dibromofluoromethane (Surr)	88		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\149190.D
Lims ID: 240-17467-H-2-A MSD Client ID: 075SD-0002-0003-SD
Inject. Date: 15-Nov-2012 18:27:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-17467-h-2-a msd
Misc. Info.: 240-0014986-022 =240-0014986-022
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 21
Lims Batch ID: 65171 Lims Sample ID: 22
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 09:15:29

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	1468818	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	889316	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	448690	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	82	340761	43.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	94	402770	48.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1251596	47.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	398820	53.6	
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	318126	37.7	
13 Chloromethane	50	1.607	1.607	0.0	89	589672	41.0	
14 Vinyl chloride	62	1.737	1.737	0.0	83	459399	40.7	
15 Bromomethane	94	2.069	2.069	0.0	90	110410	29.9	
16 Chloroethane	64	2.187	2.187	0.0	94	236623	36.5	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	410900	38.2	
19 Ethyl ether	59	2.873	2.873	0.0	98	325457	44.9	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	88	11262	11.3	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	85	340024	40.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	83	330442	41.0	
22 Acetone	43	3.252	3.252	0.0	97	211086	95.6	
24 Iodomethane	142	3.347	3.347	0.0	99	414092	27.5	
26 Carbon disulfide	76	3.418	3.418	0.0	99	578239	23.8	
27 Acetonitrile	41	3.666	3.666	0.0	94	73089	79.7	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	100	475590	79.1	

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	383385	39.7	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	432533	1017.5	
32 Acrylonitrile	53	4.305	4.305	0.0	98	255650	90.0	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	360447	38.0	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	89	807237	42.1	
35 Hexane	86	4.743	4.743	0.0	96	80711	36.2	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	760511	41.8	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87	5.074	5.074	0.0	95	293203	39.5	
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	75	246869	40.4	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	367478	38.5	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	265513	93.0	
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	88	166433	39.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	99419	49.1	
49 Chloroform	83	6.033	6.033	0.0	84	593437	39.0	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	91	458661	39.2	
51 Cyclohexane	56	6.257	6.258	-0.001	95	781247	32.9	
53 Carbon tetrachloride	117	6.388	6.388	0.0	69	413213	35.6	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	453388	38.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	92	580785	2724.1	
55 Benzene	78	6.601	6.601	0.0	95	1293349	39.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	85	504312	43.0	
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	91	352529	38.0	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	97	539640	29.9	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	348788	42.2	
65 Dibromomethane	93	7.559	7.559	0.0	87	155091	43.2	
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	299446	34.2	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	87	100701	44.6	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	286179	33.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	529499	96.5	
72 Toluene	91	8.411	8.411	0.0	91	1103094	35.3	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	224805	32.9	
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	185677	43.7	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	229410	32.2	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	320343	43.2	
78 2-Hexanone	43	8.979	8.979	0.0	97	252467	88.4	
132 n-Butyl acetate	43		9.085					1
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	163027	35.2	

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	172430	41.7	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	636751	31.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	240504	31.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	346396	31.3	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	825038	60.8	
85 o-Xylene	106	10.150	10.151	-0.001	95	422408	29.2	
86 Styrene	104	10.162	10.162	0.0	94	546354	29.5	
87 Bromoform	173	10.316	10.328	-0.012	96	70641	31.8	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1063650	27.2	
89 Cyclohexanone	55	10.541	10.541	0.0	94	444045	347.7	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	192803	43.0	
91 Bromobenzene	156	10.718	10.719	-0.001	93	231390	31.8	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	79	66838	44.8	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	65	100988	66.5	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	272126	30.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	233506	29.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	791681	28.3	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	212845	27.8	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	762368	28.4	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	755751	27.4	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	952667	26.2	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	82	390716	24.7	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	90	826531	26.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	381068	23.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	761838	28.3	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	592673	22.3	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	364714	23.9	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	67	25850	36.1	
108 1,3,5-Trichlorobenzene	180		12.730					
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	178067	16.5	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	99797	17.0	
111 Naphthalene	128	13.440	13.440	0.0	97	382613	20.7	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	95	152065	17.0	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	29	1444	0.1356	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	93504644	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	107145956	0	
S 137 Trihalomethanes, Total	1				0		140.2	
S 11 1,2-Dichloroethene, Total	96				0		76.5	
S 9 1,3-Dichloropropene, Total	75				0		66.3	
S 114 Xylenes, Total	106				0		90.0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

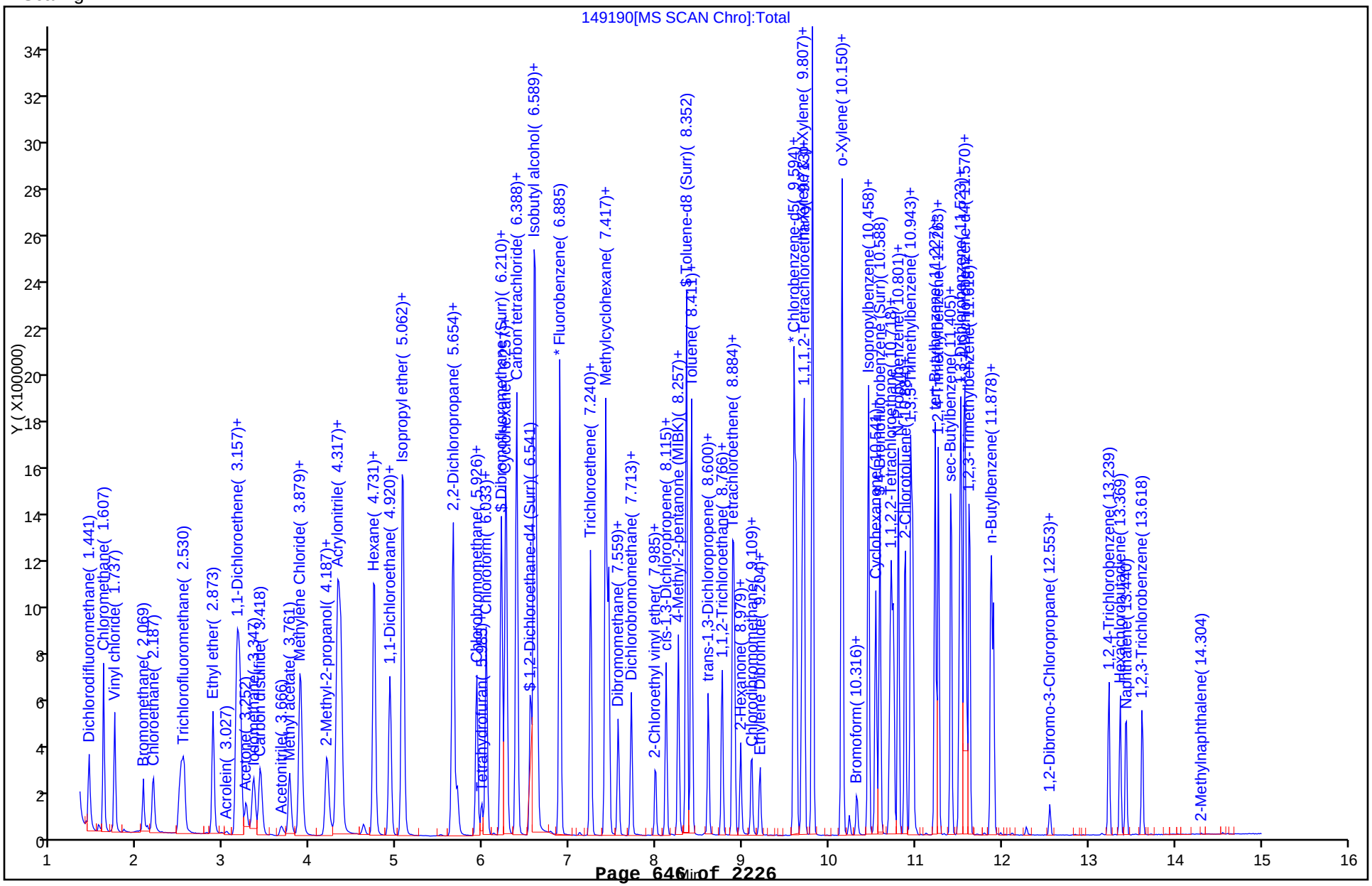
Report Date: 17-Nov-2012 10:21:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149190.D

Injection Date:	15-Nov-2012 18:27:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	075SD-0002-0003-SD	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	22
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.: 240-17467-1

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.: 240-17467-1

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)
ZZZZZ		11/13/2012 14:20	1		DB-624 0.18(mm)
240-17467-3	075SD-0004-0001-TB	11/13/2012 14:43	1	UXX0870.D	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.: 240-17467-1

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.: 240-17467-1

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)
ZZZZZ		11/15/2012 15:13	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 15:34	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 15:56	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 16:39	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 17:01	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 17:22	1		DB-624 0.18(mm)
240-17467-2	075SD-0002-0001-SD	11/15/2012 17:44	1	149188.D	DB-624 0.18(mm)
240-17467-2 MS	075SD-0002-0001-SD MS	11/15/2012 18:05	1	149189.D	DB-624 0.18(mm)
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/15/2012 18:27	1	149190.D	DB-624 0.18(mm)
240-17467-4	075SD-0003-0001-SD	11/15/2012 18:48	1	149191.D	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.: 240-17467-1

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	
240-17467-D-2	075SD-0002-0001-SD	5035, 8260B/DoD	T	+029.879 g	35.07 g	5.191 g	5 g	Preserved on 11/09/2012 @ 20:15	
240-17467-F-2 MS	075SD-0002-0001-SD	5035, 8260B/DoD	T	+030.774 g	35.89 g	5.116 g	5 g	Preserved on 11/09/2012 @ 20:15	
240-17467-H-2 MSD	075SD-0002-0001-SD	5035, 8260B/DoD	T	+030.721 g	35.29 g	4.569 g	5 g	Preserved on 11/09/2012 @ 20:15	
240-17467-B-4	075SD-0003-0001-SD	5035, 8260B/DoD	T	+030.737 g	35.67 g	4.933 g	5 g	Preserved on 11/09/2012 @ 20:15	

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.: 240-17467-1

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 #
075SD-0002-0001-SD	240-17467-2	61	63	59	55	57	64
075SD-0002-0001-SD RE	240-17467-2 RE	60	62	52	48	73	71
075SD-0003-0001-SD	240-17467-4	62	65	58	54	66	67
075SD-0003-0001-SD RE	240-17467-4 RE	70	77	59	56	73	71
	MB 240-65933/23-A	81	86	78	76	56	93
	MB 240-67436/23-A	76	77	69	65	58	77
	LCS 240-65933/24-A	74	75	72	68	73	77
	LCS 240-67436/24-A	76	78	65	63	79	75
075SD-0002-0001-SD MS	240-17467-2 MS	66	73	64	61	64	68
075SD-0002-0001-SD MS RE	240-17467-2 MS RE	60	68	47	51	76	74
075SD-0002-0001-SD MSD	240-17467-2 MSD	60	68	59	61	65	68
075SD-0002-0001-SD MSD RE	240-17467-2 MSD RE	75	82	65	61	81	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.: 240-17467-1

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 #
	MRL 240-67070/13	100	101 Q	98	94	101	93
	MRL 240-67070/24	103	104 Q	100	95	110	95
	MRL 240-67729/3	108 Q	113 Q	109 Q	107 Q	108	106
	MRL 240-67729/15	103	110 Q	99	101	112	100
	MRL 240-68161/13	102	101 Q	103 Q	95	90	100
	MRL 240-68161/24	98	103 Q	97	89	108	93

	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 III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203015.D

Lab ID: LCS 240-65933/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	497	75	45-110	
Acenaphthylene	667	494	74	45-105	
Anthracene	667	487	73	55-105	
Benzo[a]anthracene	667	485	73	50-110	
Benzo[a]pyrene	667	451	68	50-110	
Benzo[b]fluoranthene	667	498	75	45-115	
Benzo[g,h,i]perylene	667	502	75	40-125	
Benzoic acid	667	502 J	75	0-110	
Benzo[k]fluoranthene	667	513	77	45-125	
Benzyl alcohol	667	455	68	20-125	
Bis(2-chloroethoxy)methane	667	489	73	45-110	
Bis(2-chloroethyl)ether	667	475	71	40-105	
bis (2-chloroisopropyl) ether	667	467	70	20-115	
Bis(2-ethylhexyl) phthalate	667	518	78	45-125	
4-Bromophenyl phenyl ether	667	523	78	45-115	
Butyl benzyl phthalate	667	488	73	50-125	
Carbazole	667	482	72	45-115	
4-Chloroaniline	667	366	55	10-110	
4-Chloro-3-methylphenol	667	495	74	45-115	
2-Chloronaphthalene	667	485	73	45-105	
2-Chlorophenol	667	474	71	45-105	
4-Chlorophenyl phenyl ether	667	508	76	45-110	
Chrysene	667	521	78	55-110	
Dibenz(a,h)anthracene	667	503	75	40-125	
Dibenzofuran	667	502	75	50-105	
1,4-Dichlorobenzene	667	461	69	35-105	
1,2-Dichlorobenzene	667	599	90	45-110	
1,3-Dichlorobenzene	667	433	65	40-100	
3,3'-Dichlorobenzidine	667	335	50	10-130	
2,4-Dichlorophenol	667	495	74	45-110	
Diethyl phthalate	667	514	77	50-115	
2,4-Dimethylphenol	667	275	41	30-105	
Dimethyl phthalate	667	508	76	50-110	
Di-n-butyl phthalate	667	504	76	55-110	
4,6-Dinitro-2-methylphenol	667	428	64	30-135	
2,4-Dinitrophenol	667	413	62	15-130	
2,4-Dinitrotoluene	667	561	84	50-115	
2,6-Dinitrotoluene	667	580	87	50-110	
Di-n-octyl phthalate	667	476	71	40-130	
Fluoranthene	667	501	75	55-115	
Fluorene	667	504	76	50-110	
Hexachlorobenzene	667	494	74	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203015.D

Lab ID: LCS 240-65933/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	465	70	40-115	
Hexachloroethane	667	433	65	35-110	
Indeno[1,2,3-cd]pyrene	667	502	75	40-120	
Isophorone	667	483	73	45-110	
2-Methylnaphthalene	667	488	73	45-105	
2-Methylphenol	667	448	67	40-105	
3 & 4 Methylphenol	1330	974	73	40-105	
Naphthalene	667	477	71	40-105	
2-Nitroaniline	667	516	77	45-120	
3-Nitroaniline	667	453	68	25-110	
4-Nitroaniline	667	492	74	35-115	
Nitrobenzene	667	499	75	40-115	
2-Nitrophenol	667	502	75	40-110	
4-Nitrophenol	667	565	85	15-140	
N-Nitrosodi-n-propylamine	667	491	74	40-115	
N-Nitrosodiphenylamine	667	484	73	50-115	
Pentachlorophenol	667	385	58	25-120	
Phenanthrene	667	498	75	50-110	
Phenol	667	472	71	40-100	
Pyrene	667	494	74	45-125	
1,2,4-Trichlorobenzene	667	448	67	45-110	
2,4,5-Trichlorophenol	667	474	71	50-110	
2,4,6-Trichlorophenol	667	475	71	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21207005.D

Lab ID: LCS 240-67436/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	455	68	45-110	
Acenaphthylene	667	474	71	45-105	
Anthracene	667	500	75	55-105	
Benzo[a]anthracene	667	486	73	50-110	
Benzo[a]pyrene	667	455	68	50-110	
Benzo[b]fluoranthene	667	485	73	45-115	
Benzo[g,h,i]perylene	667	526	79	40-125	
Benzoic acid	667	381 J	57	0-110	
Benzo[k]fluoranthene	667	501	75	45-125	
Benzyl alcohol	667	494	74	20-125	
Bis(2-chloroethoxy)methane	667	444	67	45-110	
Bis(2-chloroethyl)ether	667	483	72	40-105	
bis (2-chloroisopropyl) ether	667	494	74	20-115	
Bis(2-ethylhexyl) phthalate	667	440	66	45-125	
4-Bromophenyl phenyl ether	667	552	83	45-115	
Butyl benzyl phthalate	667	464	70	50-125	
Carbazole	667	491	74	45-115	
4-Chloroaniline	667	347	52	10-110	
4-Chloro-3-methylphenol	667	475	71	45-115	
2-Chloronaphthalene	667	464	70	45-105	
2-Chlorophenol	667	497	74	45-105	
4-Chlorophenyl phenyl ether	667	505	76	45-110	
Chrysene	667	521	78	55-110	
Dibenz(a,h)anthracene	667	515	77	40-125	
Dibenzofuran	667	474	71	50-105	
1,4-Dichlorobenzene	667	476	71	35-105	
1,2-Dichlorobenzene	667	468	70	45-110	
1,3-Dichlorobenzene	667	481	72	40-100	
3,3'-Dichlorobenzidine	667	334	50	10-130	
2,4-Dichlorophenol	667	495	74	45-110	
Diethyl phthalate	667	477	72	50-115	
2,4-Dimethylphenol	667	262	39	30-105	
Dimethyl phthalate	667	489	73	50-110	
Di-n-butyl phthalate	667	480	72	55-110	
4,6-Dinitro-2-methylphenol	667	476	71	30-135	
2,4-Dinitrophenol	667	367	55	15-130	
2,4-Dinitrotoluene	667	552	83	50-115	
2,6-Dinitrotoluene	667	549	82	50-110	
Di-n-octyl phthalate	667	426	64	40-130	
Fluoranthene	667	511	77	55-115	
Fluorene	667	468	70	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21207005.D

Lab ID: LCS 240-67436/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	439	66	40-115	
Hexachloroethane	667	457	69	35-110	
Indeno[1,2,3-cd]pyrene	667	502	75	40-120	
Isophorone	667	442	66	45-110	
2-Methylnaphthalene	667	479	72	45-105	
2-Methylphenol	667	482	72	40-105	
3 & 4 Methylphenol	1330	1020	77	40-105	
Naphthalene	667	460	69	40-105	
2-Nitroaniline	667	493	74	45-120	
3-Nitroaniline	667	477	72	25-110	
4-Nitroaniline	667	541	81	35-115	
Nitrobenzene	667	442	66	40-115	
2-Nitrophenol	667	501	75	40-110	
4-Nitrophenol	667	502	75	15-140	
N-Nitrosodi-n-propylamine	667	480	72	40-115	
N-Nitrosodiphenylamine	667	499	75	50-115	
Pentachlorophenol	667	337	50	25-120	
Phenanthrene	667	494	74	50-110	
Phenol	667	512	77	40-100	
Pyrene	667	487	73	45-125	
1,2,4-Trichlorobenzene	667	452	68	45-110	
2,4,5-Trichlorophenol	667	482	72	50-110	
2,4,6-Trichlorophenol	667	464	70	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203013.D

Lab ID: MRL 240-67070/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.89	98	70-130	
Acenaphthylene	5.00	4.98	100	70-130	
Anthracene	5.00	5.05	101	70-130	
Benzo[a]anthracene	5.00	4.84	97	70-130	
Benzo[a]pyrene	5.00	4.94	99	70-130	
Benzo[b]fluoranthene	5.00	4.94	99	70-130	
Benzo[g,h,i]perylene	5.00	4.87	97	70-130	
Benzoic acid	10.0	9.95	100	70-130	M
Benzo[k]fluoranthene	5.00	5.09	102	70-130	
Benzyl alcohol	5.00	4.96	99	70-130	
Bis(2-chloroethoxy)methane	5.00	4.75	95	70-130	
Bis(2-chloroethyl)ether	5.00	5.14	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.57	91	70-130	
4-Bromophenyl phenyl ether	5.00	5.12	102	70-130	
Butyl benzyl phthalate	5.00	4.85	97	70-130	
Carbazole	5.00	4.70	94	70-130	
4-Chloro-3-methylphenol	5.00	4.99	100	70-130	
2-Chloronaphthalene	5.00	4.87	97	70-130	
2-Chlorophenol	5.00	4.95	99	70-130	
4-Chlorophenyl phenyl ether	5.00	4.94	99	70-130	
Chrysene	5.00	4.85	97	70-130	
Dibenz(a,h)anthracene	5.00	4.92	98	70-130	
Dibenzofuran	5.00	4.89	98	70-130	
1,4-Dichlorobenzene	5.00	4.90	98	70-130	
1,2-Dichlorobenzene	5.00	4.89	98	70-130	
1,3-Dichlorobenzene	5.00	5.05	101	70-130	
3,3'-Dichlorobenzidine	5.00	4.92	98	70-130	
2,4-Dichlorophenol	5.00	4.80	96	70-130	
Diethyl phthalate	5.00	4.91	98	70-130	
2,4-Dimethylphenol	5.00	4.82	96	70-130	
Dimethyl phthalate	5.00	4.94	99	70-130	
Di-n-butyl phthalate	5.00	4.85	97	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.87	97	70-130	
2,4-Dinitrophenol	10.0	9.93	99	70-130	
2,4-Dinitrotoluene	5.00	5.22	104	70-130	
2,6-Dinitrotoluene	5.00	4.99	100	70-130	
Di-n-octyl phthalate	5.00	4.75	95	70-130	
Fluoranthene	5.00	4.91	98	70-130	
Fluorene	5.00	4.84	97	70-130	
Hexachlorobenzene	5.00	4.97	99	70-130	
Hexachlorobutadiene	5.00	4.96	99	70-130	
Hexachloroethane	5.00	4.95	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203013.D

Lab ID: MRL 240-67070/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.00	100	70-130	
Isophorone	5.00	4.71	94	70-130	
2-Methylnaphthalene	5.00	4.86	97	70-130	
2-Methylphenol	5.00	5.04	101	70-130	
3 & 4 Methylphenol	5.00	4.97	99	70-130	
Naphthalene	5.00	4.70	94	70-130	
2-Nitroaniline	5.00	5.00	100	70-130	
3-Nitroaniline	5.00	5.14	103	70-130	
4-Nitroaniline	5.00	4.85	97	70-130	
Nitrobenzene	5.00	4.74	95	70-130	
2-Nitrophenol	5.00	4.95	99	70-130	
4-Nitrophenol	5.00	5.53	111	70-130	
N-Nitrosodi-n-propylamine	5.00	4.95	99	70-130	
N-Nitrosodiphenylamine	5.00	4.90	98	70-130	
Pentachlorophenol	10.0	9.60	96	70-130	
Phenanthrene	5.00	4.73	95	70-130	
Phenol	5.00	5.09	102	70-130	
Pyrene	5.00	4.87	97	70-130	
1,2,4-Trichlorobenzene	5.00	4.74	95	70-130	
2,4,5-Trichlorophenol	5.00	4.94	99	70-130	
2,4,6-Trichlorophenol	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203024.D

Lab ID: MRL 240-67070/24 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.89	98	70-130	
Acenaphthylene	5.00	4.93	99	70-130	
Anthracene	5.00	4.86	97	70-130	
Benzo[a]anthracene	5.00	4.78	96	70-130	
Benzo[a]pyrene	5.00	4.82	96	70-130	
Benzo[b]fluoranthene	5.00	5.20	104	70-130	
Benzo[g,h,i]perylene	5.00	2.89	58	70-130	^
Benzoic acid	10.0	10.1	101	70-130	
Benzo[k]fluoranthene	5.00	5.01	100	70-130	
Benzyl alcohol	5.00	5.21	104	70-130	
Bis(2-chloroethoxy)methane	5.00	4.90	98	70-130	
Bis(2-chloroethyl)ether	5.00	5.19	104	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.05	101	70-130	
4-Bromophenyl phenyl ether	5.00	4.89	98	70-130	
Butyl benzyl phthalate	5.00	5.21	104	70-130	
Carbazole	5.00	4.79	96	70-130	
4-Chloro-3-methylphenol	5.00	5.05	101	70-130	
2-Chloronaphthalene	5.00	4.76	95	70-130	
2-Chlorophenol	5.00	5.09	102	70-130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70-130	
Chrysene	5.00	4.88	98	70-130	
Dibenz(a,h)anthracene	5.00	3.42	68	70-130	^
Dibenzofuran	5.00	4.75	95	70-130	
1,4-Dichlorobenzene	5.00	4.92	98	70-130	
1,2-Dichlorobenzene	5.00	5.03	101	70-130	
1,3-Dichlorobenzene	5.00	5.00	100	70-130	
3,3'-Dichlorobenzidine	5.00	5.15	103	70-130	
2,4-Dichlorophenol	5.00	5.04	101	70-130	
Diethyl phthalate	5.00	4.86	97	70-130	
2,4-Dimethylphenol	5.00	5.08	102	70-130	
Dimethyl phthalate	5.00	4.82	96	70-130	
Di-n-butyl phthalate	5.00	5.03	101	70-130	
4,6-Dinitro-2-methylphenol	5.00	2.31	46	70-130	^
2,4-Dinitrophenol	10.0	3.74	37	70-130	^
2,4-Dinitrotoluene	5.00	5.29	106	70-130	
2,6-Dinitrotoluene	5.00	5.26	105	70-130	
Di-n-octyl phthalate	5.00	6.12	122	70-130	
Fluoranthene	5.00	4.77	95	70-130	
Fluorene	5.00	4.89	98	70-130	
Hexachlorobenzene	5.00	4.94	99	70-130	
Hexachlorobutadiene	5.00	4.64	93	70-130	
Hexachloroethane	5.00	2.91	58	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203024.D

Lab ID: MRL 240-67070/24 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	3.35	67	70-130	^
Isophorone	5.00	4.95	99	70-130	
2-Methylnaphthalene	5.00	4.81	96	70-130	
2-Methylphenol	5.00	5.07	101	70-130	
3 & 4 Methylphenol	5.00	5.19	104	70-130	
Naphthalene	5.00	4.79	96	70-130	
2-Nitroaniline	5.00	5.37	107	70-130	
3-Nitroaniline	5.00	5.57	111	70-130	
4-Nitroaniline	5.00	5.39	108	70-130	
Nitrobenzene	5.00	4.93	99	70-130	
2-Nitrophenol	5.00	5.19	104	70-130	
4-Nitrophenol	5.00	5.02	100	70-130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70-130	
N-Nitrosodiphenylamine	5.00	4.97	99	70-130	
Pentachlorophenol	10.0	8.63	86	70-130	
Phenanthrene	5.00	4.64	93	70-130	
Phenol	5.00	5.12	102	70-130	
Pyrene	5.00	4.96	99	70-130	
1,2,4-Trichlorobenzene	5.00	4.86	97	70-130	
2,4,5-Trichlorophenol	5.00	4.89	98	70-130	
2,4,6-Trichlorophenol	5.00	4.76	95	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21207003.D

Lab ID: MRL 240-67729/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.83	97	70-130	
Acenaphthylene	5.00	4.84	97	70-130	
Anthracene	5.00	4.97	99	70-130	
Benzo[a]anthracene	5.00	5.28	106	70-130	
Benzo[a]pyrene	5.00	5.33	107	70-130	
Benzo[b]fluoranthene	5.00	5.29	106	70-130	
Benzo[g,h,i]perylene	5.00	5.49	110	70-130	
Benzoic acid	10.0	7.85	78	70-130	
Benzo[k]fluoranthene	5.00	5.50	110	70-130	
Benzyl alcohol	5.00	5.54	111	70-130	
Bis(2-chloroethoxy)methane	5.00	5.57	111	70-130	
Bis(2-chloroethyl)ether	5.00	5.80	116	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.86	97	70-130	
4-Bromophenyl phenyl ether	5.00	5.97	119	70-130	
Butyl benzyl phthalate	5.00	5.19	104	70-130	
Carbazole	5.00	4.88	98	70-130	
4-Chloro-3-methylphenol	5.00	4.88	98	70-130	
2-Chloronaphthalene	5.00	5.61	112	70-130	
2-Chlorophenol	5.00	5.25	105	70-130	
4-Chlorophenyl phenyl ether	5.00	5.43	109	70-130	
Chrysene	5.00	5.44	109	70-130	
Dibenz(a,h)anthracene	5.00	5.40	108	70-130	
Dibenzofuran	5.00	4.78	96	70-130	
1,4-Dichlorobenzene	5.00	5.33	107	70-130	
1,2-Dichlorobenzene	5.00	5.40	108	70-130	
1,3-Dichlorobenzene	5.00	5.61	112	70-130	
3,3'-Dichlorobenzidine	5.00	5.52	110	70-130	
2,4-Dichlorophenol	5.00	5.31	106	70-130	
Diethyl phthalate	5.00	4.29	86	70-130	
2,4-Dimethylphenol	5.00	4.78	96	70-130	
Dimethyl phthalate	5.00	4.61	92	70-130	
Di-n-butyl phthalate	5.00	4.59	92	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.07	101	70-130	
2,4-Dinitrophenol	10.0	8.55	86	70-130	
2,4-Dinitrotoluene	5.00	5.88	118	70-130	
2,6-Dinitrotoluene	5.00	5.66	113	70-130	
Di-n-octyl phthalate	5.00	4.89	98	70-130	
Fluoranthene	5.00	4.78	96	70-130	
Fluorene	5.00	4.61	92	70-130	
Hexachlorobenzene	5.00	5.43	109	70-130	
Hexachlorobutadiene	5.00	5.71	114	70-130	
Hexachloroethane	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21207003.D

Lab ID: MRL 240-67729/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.48	110	70-130	
Isophorone	5.00	4.72	94	70-130	
2-Methylnaphthalene	5.00	5.08	102	70-130	
2-Methylphenol	5.00	5.53	111	70-130	
3 & 4 Methylphenol	5.00	5.68	114	70-130	
Naphthalene	5.00	4.85	97	70-130	
2-Nitroaniline	5.00	4.80	96	70-130	
3-Nitroaniline	5.00	5.37	107	70-130	
4-Nitroaniline	5.00	5.41	108	70-130	
Nitrobenzene	5.00	5.46	109	70-130	
2-Nitrophenol	5.00	5.66	113	70-130	
4-Nitrophenol	5.00	4.75	95	70-130	
N-Nitrosodi-n-propylamine	5.00	5.27	105	70-130	
N-Nitrosodiphenylamine	5.00	5.17	103	70-130	
Pentachlorophenol	10.0	9.86	99	70-130	
Phenanthrene	5.00	4.77	95	70-130	
Phenol	5.00	5.58	112	70-130	
Pyrene	5.00	5.32	106	70-130	
1,2,4-Trichlorobenzene	5.00	5.55	111	70-130	
2,4,5-Trichlorophenol	5.00	5.06	101	70-130	
2,4,6-Trichlorophenol	5.00	4.95	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21207015.D

Lab ID: MRL 240-67729/15 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.75	95	70-130	
Acenaphthylene	5.00	4.91	98	70-130	
Anthracene	5.00	5.26	105	70-130	
Benzo[a]anthracene	5.00	5.14	103	70-130	
Benzo[a]pyrene	5.00	5.17	103	70-130	
Benzo[b]fluoranthene	5.00	5.23	105	70-130	
Benzo[g,h,i]perylene	5.00	4.46	89	70-130	
Benzoic acid	10.0	8.56	86	70-130	
Benzo[k]fluoranthene	5.00	5.03	101	70-130	
Benzyl alcohol	5.00	5.58	112	70-130	
Bis(2-chloroethoxy)methane	5.00	5.12	102	70-130	
Bis(2-chloroethyl)ether	5.00	5.34	107	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.83	97	70-130	
4-Bromophenyl phenyl ether	5.00	5.82	116	70-130	
Butyl benzyl phthalate	5.00	4.88	98	70-130	
Carbazole	5.00	5.08	102	70-130	
4-Chloro-3-methylphenol	5.00	4.76	95	70-130	
2-Chloronaphthalene	5.00	5.11	102	70-130	
2-Chlorophenol	5.00	5.22	104	70-130	
4-Chlorophenyl phenyl ether	5.00	5.07	101	70-130	
Chrysene	5.00	5.17	103	70-130	
Dibenz(a,h)anthracene	5.00	4.85	97	70-130	
Dibenzofuran	5.00	4.77	95	70-130	
1,4-Dichlorobenzene	5.00	5.13	103	70-130	
1,2-Dichlorobenzene	5.00	5.34	107	70-130	
1,3-Dichlorobenzene	5.00	5.28	106	70-130	
3,3'-Dichlorobenzidine	5.00	5.41	108	70-130	
2,4-Dichlorophenol	5.00	5.18	104	70-130	
Diethyl phthalate	5.00	4.43	89	70-130	
2,4-Dimethylphenol	5.00	4.86	97	70-130	
Dimethyl phthalate	5.00	4.54	91	70-130	
Di-n-butyl phthalate	5.00	4.83	97	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.99	100	70-130	
2,4-Dinitrophenol	10.0	8.50	85	70-130	
2,4-Dinitrotoluene	5.00	5.43	109	70-130	
2,6-Dinitrotoluene	5.00	5.52	110	70-130	
Di-n-octyl phthalate	5.00	5.05	101	70-130	
Fluoranthene	5.00	5.14	103	70-130	
Fluorene	5.00	4.71	94	70-130	
Hexachlorobenzene	5.00	5.35	107	70-130	
Hexachlorobutadiene	5.00	5.05	101	70-130	
Hexachloroethane	5.00	3.79	76	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21207015.D

Lab ID: MRL 240-67729/15 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.78	96	70-130	
Isophorone	5.00	4.59	92	70-130	
2-Methylnaphthalene	5.00	4.95	99	70-130	
2-Methylphenol	5.00	5.50	110	70-130	
3 & 4 Methylphenol	5.00	5.58	112	70-130	
Naphthalene	5.00	4.72	94	70-130	
2-Nitroaniline	5.00	4.74	95	70-130	
3-Nitroaniline	5.00	5.39	108	70-130	
4-Nitroaniline	5.00	5.27	105	70-130	
Nitrobenzene	5.00	4.85	97	70-130	
2-Nitrophenol	5.00	5.43	109	70-130	
4-Nitrophenol	5.00	4.65	93	70-130	
N-Nitrosodi-n-propylamine	5.00	5.14	103	70-130	
N-Nitrosodiphenylamine	5.00	5.35	107	70-130	
Pentachlorophenol	10.0	9.52	95	70-130	
Phenanthrene	5.00	5.03	101	70-130	
Phenol	5.00	5.30	106	70-130	
Pyrene	5.00	5.14	103	70-130	
1,2,4-Trichlorobenzene	5.00	5.12	102	70-130	
2,4,5-Trichlorophenol	5.00	4.78	96	70-130	
2,4,6-Trichlorophenol	5.00	5.05	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211013.D

Lab ID: MRL 240-68161/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.75	95	70-130	
Acenaphthylene	5.00	4.73	95	70-130	
Anthracene	5.00	5.02	100	70-130	
Benzo[a]anthracene	5.00	4.91	98	70-130	
Benzo[a]pyrene	5.00	5.12	102	70-130	
Benzo[b]fluoranthene	5.00	5.00	100	70-130	
Benzo[g,h,i]perylene	5.00	4.94	99	70-130	
Benzoic acid	10.0	8.75	88	70-130	
Benzo[k]fluoranthene	5.00	5.30	106	70-130	
Benzyl alcohol	5.00	4.77	95	70-130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.09	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.00	100	70-130	
4-Bromophenyl phenyl ether	5.00	5.18	104	70-130	
Butyl benzyl phthalate	5.00	4.75	95	70-130	
Carbazole	5.00	4.86	97	70-130	
4-Chloro-3-methylphenol	5.00	4.92	98	70-130	
2-Chloronaphthalene	5.00	4.72	94	70-130	
2-Chlorophenol	5.00	5.18	104	70-130	
4-Chlorophenyl phenyl ether	5.00	4.69	94	70-130	
Chrysene	5.00	4.90	98	70-130	
Dibenz(a,h)anthracene	5.00	4.75	95	70-130	
Dibenzofuran	5.00	4.82	96	70-130	
1,4-Dichlorobenzene	5.00	5.20	104	70-130	
1,2-Dichlorobenzene	5.00	5.06	101	70-130	
1,3-Dichlorobenzene	5.00	5.14	103	70-130	
3,3'-Dichlorobenzidine	5.00	4.98	100	70-130	
2,4-Dichlorophenol	5.00	4.96	99	70-130	
Diethyl phthalate	5.00	4.99	100	70-130	
2,4-Dimethylphenol	5.00	5.31	106	70-130	
Dimethyl phthalate	5.00	4.82	96	70-130	
Di-n-butyl phthalate	5.00	4.88	98	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.55	91	70-130	
2,4-Dinitrophenol	10.0	8.37	84	70-130	
2,4-Dinitrotoluene	5.00	4.98	100	70-130	
2,6-Dinitrotoluene	5.00	5.07	101	70-130	
Di-n-octyl phthalate	5.00	4.64	93	70-130	
Fluoranthene	5.00	4.90	98	70-130	
Fluorene	5.00	4.73	95	70-130	
Hexachlorobenzene	5.00	4.80	96	70-130	
Hexachlorobutadiene	5.00	5.23	105	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211013.D

Lab ID: MRL 240-68161/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.88	98	70-130	
Isophorone	5.00	5.12	102	70-130	
2-Methylnaphthalene	5.00	4.86	97	70-130	
2-Methylphenol	5.00	5.25	105	70-130	
3 & 4 Methylphenol	5.00	5.00	100	70-130	
Naphthalene	5.00	4.97	99	70-130	
2-Nitroaniline	5.00	4.89	98	70-130	
3-Nitroaniline	5.00	5.25	105	70-130	
4-Nitroaniline	5.00	4.91	98	70-130	
Nitrobenzene	5.00	5.10	102	70-130	
2-Nitrophenol	5.00	5.12	102	70-130	
4-Nitrophenol	5.00	4.36	87	70-130	
N-Nitrosodi-n-propylamine	5.00	5.09	102	70-130	
N-Nitrosodiphenylamine	5.00	5.00	100	70-130	
Pentachlorophenol	10.0	8.71	87	70-130	
Phenanthrene	5.00	4.77	95	70-130	
Phenol	5.00	5.10	102	70-130	
Pyrene	5.00	4.82	96	70-130	
1,2,4-Trichlorobenzene	5.00	4.99	100	70-130	
2,4,5-Trichlorophenol	5.00	4.64	93	70-130	
2,4,6-Trichlorophenol	5.00	4.62	92	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211024.D

Lab ID: MRL 240-68161/24 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.48	90	70-130	
Acenaphthylene	5.00	4.57	91	70-130	
Anthracene	5.00	5.08	102	70-130	
Benzo[a]anthracene	5.00	4.58	92	70-130	
Benzo[a]pyrene	5.00	4.91	98	70-130	
Benzo[b]fluoranthene	5.00	4.57	91	70-130	
Benzo[g,h,i]perylene	5.00	4.08	82	70-130	
Benzoic acid	10.0	8.70	87	70-130	
Benzo[k]fluoranthene	5.00	5.04	101	70-130	
Benzyl alcohol	5.00	5.11	102	70-130	
Bis(2-chloroethoxy)methane	5.00	4.69	94	70-130	
Bis(2-chloroethyl)ether	5.00	5.12	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.97	99	70-130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70-130	
Butyl benzyl phthalate	5.00	5.22	104	70-130	
Carbazole	5.00	4.78	96	70-130	
4-Chloro-3-methylphenol	5.00	4.88	98	70-130	
2-Chloronaphthalene	5.00	4.53	91	70-130	
2-Chlorophenol	5.00	4.82	96	70-130	
4-Chlorophenyl phenyl ether	5.00	4.44	89	70-130	
Chrysene	5.00	4.57	91	70-130	
Dibenz(a,h)anthracene	5.00	4.28	86	70-130	
Dibenzofuran	5.00	4.52	90	70-130	
1,4-Dichlorobenzene	5.00	4.80	96	70-130	
1,2-Dichlorobenzene	5.00	4.79	96	70-130	
1,3-Dichlorobenzene	5.00	4.96	99	70-130	
3,3'-Dichlorobenzidine	5.00	5.10	102	70-130	
2,4-Dichlorophenol	5.00	4.82	96	70-130	
Diethyl phthalate	5.00	4.69	94	70-130	
2,4-Dimethylphenol	5.00	4.98	100	70-130	
Dimethyl phthalate	5.00	4.55	91	70-130	
Di-n-butyl phthalate	5.00	4.93	99	70-130	
4,6-Dinitro-2-methylphenol	5.00	2.78	56	70-130	^
2,4-Dinitrophenol	10.0	3.89	39	70-130	^
2,4-Dinitrotoluene	5.00	4.65	93	70-130	
2,6-Dinitrotoluene	5.00	4.81	96	70-130	
Di-n-octyl phthalate	5.00	5.38	108	70-130	
Fluoranthene	5.00	4.84	97	70-130	
Fluorene	5.00	4.49	90	70-130	
Hexachlorobenzene	5.00	4.84	97	70-130	
Hexachlorobutadiene	5.00	4.49	90	70-130	
Hexachloroethane	5.00	3.65	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211024.D

Lab ID: MRL 240-68161/24 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.24	85	70-130	
Isophorone	5.00	4.79	96	70-130	
2-Methylnaphthalene	5.00	4.48	90	70-130	
2-Methylphenol	5.00	5.09	102	70-130	
3 & 4 Methylphenol	5.00	4.97	99	70-130	
Naphthalene	5.00	4.62	92	70-130	
2-Nitroaniline	5.00	4.85	97	70-130	
3-Nitroaniline	5.00	4.85	97	70-130	
4-Nitroaniline	5.00	5.07	101	70-130	
Nitrobenzene	5.00	4.76	95	70-130	
2-Nitrophenol	5.00	4.65	93	70-130	
4-Nitrophenol	5.00	4.34	87	70-130	
N-Nitrosodi-n-propylamine	5.00	5.15	103	70-130	
N-Nitrosodiphenylamine	5.00	5.05	101	70-130	
Pentachlorophenol	10.0	7.54	75	70-130	
Phenanthrene	5.00	4.63	93	70-130	
Phenol	5.00	5.05	101	70-130	
Pyrene	5.00	4.67	93	70-130	
1,2,4-Trichlorobenzene	5.00	4.71	94	70-130	
2,4,5-Trichlorophenol	5.00	4.77	95	70-130	
2,4,6-Trichlorophenol	5.00	4.69	94	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203022.D

Lab ID: 240-17467-2 MS Client ID: 075SD-0002-0001-SD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	1060	19	737	68	45-110	
Acenaphthylene	1060	13	730	68	45-105	
Anthracene	1060	57	749	66	55-105	
Benzo[a]anthracene	1060	230	985	71	50-110	
Benzo[a]pyrene	1060	250	919	63	50-110	
Benzo[b]fluoranthene	1060	360	1130	73	45-115	
Benzo[g,h,i]perylene	1060	120	550	41	40-125	
Benzoic acid	1060	530 U	1210	115	0-110	J
Benzo[k]fluoranthene	1060	140	914	73	45-125	
Benzyl alcohol	1060	43 U	775	73	20-125	
Bis(2-chloroethoxy)methane	1060	43 U	740	70	45-110	
Bis(2-chloroethyl)ether	1060	5.3 U	720	68	40-105	
bis (2-chloroisopropyl) ether	1060	43 U	757	72	20-115	
4-Bromophenyl phenyl ether	1060	43 U	737	70	45-115	
Butyl benzyl phthalate	1060	43 U	772	73	50-125	
Carbazole	1060	44 J	695	62	45-115	
4-Chloroaniline	1060	43 U	352	33	10-95	
4-Chloro-3-methylphenol	1060	43 U	760	72	45-115	
2-Chloronaphthalene	1060	5.3 U	701	66	45-105	
2-Chlorophenol	1060	43 U	717	68	45-105	
4-Chlorophenyl phenyl ether	1060	43 U	710	67	45-110	
Chrysene	1060	270	1030	72	55-110	
Dibenz(a,h)anthracene	1060	5.3 U	523	50	40-125	
Dibenzofuran	1060	17 J	721	67	50-105	
1,4-Dichlorobenzene	1060	50 J	743	66	35-105	
1,2-Dichlorobenzene	1060	140	796	62	45-95	
1,3-Dichlorobenzene	1060	43 U	663	63	40-100	
3,3'-Dichlorobenzidine	1060	130 U	57.9 J	5	10-130	J
2,4-Dichlorophenol	1060	43 U	744	70	45-110	
Diethyl phthalate	1060	43 U	711	67	50-115	
2,4-Dimethylphenol	1060	130 U	501	47	30-105	
Dimethyl phthalate	1060	43 U	721	68	50-110	
Di-n-butyl phthalate	1060	43 U	726	69	55-110	
4,6-Dinitro-2-methylphenol	1060	130 U	380	36	30-135	
2,4-Dinitrophenol	1060	130 U	353 J	33	15-130	
2,4-Dinitrotoluene	1060	43 U	755	71	50-115	
2,6-Dinitrotoluene	1060	43 U	787	74	50-110	
Di-n-octyl phthalate	1060	43 U	878	83	40-130	
Fluoranthene	1060	510	1420	87	55-115	
Fluorene	1060	5.3 U	743	70	50-110	
Hexachlorobenzene	1060	5.3 U	691	65	45-120	
Hexachlorobutadiene	1060	43 U	641	61	40-115	

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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203022.D

Lab ID: 240-17467-2 MS Client ID: 075SD-0002-0001-SD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachloroethane	1060	43 U	418	40	35-110	
Indeno[1,2,3-cd]pyrene	1060	120	622	48	40-120	
Isophorone	1060	43 U	727	69	45-110	
2-Methylnaphthalene	1060	18	737	68	45-105	
2-Methylphenol	1060	130 U	708	67	40-105	
3 & 4 Methylphenol	2110	130 U	1510	72	40-105	
Naphthalene	1060	18	693	64	40-105	
2-Nitroaniline	1060	43 U	784	74	45-120	
3-Nitroaniline	1060	130 U	316 J	30	25-110	
4-Nitroaniline	1060	43 U	322	30	35-115	J
Nitrobenzene	1060	5.3 U	734	70	40-115	
2-Nitrophenol	1060	43 U	761	72	40-110	
4-Nitrophenol	1060	130 U	810	77	15-140	
N-Nitrosodi-n-propylamine	1060	43 U	793	75	40-115	
N-Nitrosodiphenylamine	1060	43 U	714	68	50-115	
Pentachlorophenol	1060	130 U	456	43	25-120	
Phenanthrene	1060	260	1040	74	50-110	
Phenol	1060	43 U	766	73	40-100	
Pyrene	1060	390	1280	84	45-125	
1,2,4-Trichlorobenzene	1060	43 U	660	62	45-110	
2,4,5-Trichlorophenol	1060	43 U	729	69	50-110	
2,4,6-Trichlorophenol	1060	130 U	688	65	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211021.D

Lab ID: 240-17467-2 MS RE Client ID: 075SD-0002-0001-SD MS RE

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	1080	27	781	70	45-110	H
Acenaphthylene	1080	20	810	74	45-105	H
Anthracene	1080	77	971	83	55-105	H
Benzo[a]anthracene	1080	140	1000	80	50-110	H
Benzo[a]pyrene	1080	160	997	78	50-110	H
Benzo[b]fluoranthene	1080	200	1100	84	45-115	H
Benzo[g,h,i]perylene	1080	85	849	71	40-125	H
Benzoic acid	1080	530 U	1160	108	0-110	H
Benzo[k]fluoranthene	1080	83	1030	88	45-125	H
Benzyl alcohol	1080	43 U	744	69	20-125	H
Bis(2-chloroethoxy)methane	1080	43 U	538	50	45-110	H
Bis(2-chloroethyl)ether	1080	5.3 U	538	50	40-105	H
bis (2-chloroisopropyl) ether	1080	43 U	544	51	20-115	H
Bis(2-ethylhexyl) phthalate	1080	43 U	1040	96	45-125	H
4-Bromophenyl phenyl ether	1080	43 U	761	71	45-115	H
Butyl benzyl phthalate	1080	43 U	1040	97	50-125	H
Carbazole	1080	50 J	902	79	45-115	H
4-Chloroaniline	1080	43 U	335	31	10-95	H
4-Chloro-3-methylphenol	1080	43 U	906	84	45-115	H
2-Chloronaphthalene	1080	5.3 U	643	60	45-105	H
2-Chlorophenol	1080	43 U	690	64	45-105	H
4-Chlorophenyl phenyl ether	1080	43 U	719	67	45-110	H
Chrysene	1080	160	1090	87	55-110	H
Dibenz(a,h)anthracene	1080	22	837	76	40-125	H
Dibenzofuran	1080	39 J	845	75	50-105	H
1,4-Dichlorobenzene	1080	43 U	586	54	35-105	H
1,2-Dichlorobenzene	1080	43 U	521	48	45-95	H
1,3-Dichlorobenzene	1080	43 U	474	44	40-100	H
3,3'-Dichlorobenzidine	1080	130 U	130 U	0	10-130	H J
2,4-Dichlorophenol	1080	43 U	822	76	45-110	H
Diethyl phthalate	1080	43 U	913	85	50-115	H
2,4-Dimethylphenol	1080	130 U	704	65	30-105	H
Dimethyl phthalate	1080	43 U	880	82	50-110	H
Di-n-butyl phthalate	1080	43 U	1010	94	55-110	H
4,6-Dinitro-2-methylphenol	1080	130 U	788	73	30-135	H
2,4-Dinitrophenol	1080	130 U	726	67	15-130	H
2,4-Dinitrotoluene	1080	43 U	816	76	50-115	H
2,6-Dinitrotoluene	1080	43 U	803	75	50-110	H
Di-n-octyl phthalate	1080	43 U	1040	96	40-130	H
Fluoranthene	1080	390	1190	74	55-115	H
Fluorene	1080	54	859	75	50-110	H
Hexachlorobenzene	1080	5.3 U	747	69	45-120	H

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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211021.D

Lab ID: 240-17467-2 MS RE Client ID: 075SD-0002-0001-SD MS RE

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	1080	43 U	492	46	40-115	H
Hexachloroethane	1080	43 U	338	31	35-110	H J
Indeno[1,2,3-cd]pyrene	1080	74	902	77	40-120	H
Isophorone	1080	43 U	704	65	45-110	H
2-Methylnaphthalene	1080	24	677	61	45-105	H
2-Methylphenol	1080	130 U	768	71	40-105	H
3 & 4 Methylphenol	2150	130 U	1580	73	40-105	H
Naphthalene	1080	41	613	53	40-105	H
2-Nitroaniline	1080	43 U	936	87	45-120	H
3-Nitroaniline	1080	130 U	307 J	29	25-110	H
4-Nitroaniline	1080	43 U	262 J	24	35-115	H J
Nitrobenzene	1080	5.3 U	522	49	40-115	H
2-Nitrophenol	1080	43 U	701	65	40-110	H
4-Nitrophenol	1080	130 U	953	89	15-140	H
N-Nitrosodi-n-propylamine	1080	43 U	701	65	40-115	H
N-Nitrosodiphenylamine	1080	43 U	946	88	50-115	H
Pentachlorophenol	1080	130 U	527	49	25-120	H
Phenanthrene	1080	330	1030	65	50-110	H
Phenol	1080	43 U	744	69	40-100	H
Pyrene	1080	280	1090	75	45-125	H
1,2,4-Trichlorobenzene	1080	43 U	505	47	45-110	H
2,4,5-Trichlorophenol	1080	43 U	894	83	50-110	H
2,4,6-Trichlorophenol	1080	130 U	830	77	45-110	H

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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203023.D

Lab ID: 240-17467-2 MSD Client ID: 075SD-0002-0001-SD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	1060	695	64	6	30	45-110	
Acenaphthylene	1060	689	64	6	30	45-105	
Anthracene	1060	773	68	3	30	55-105	
Benzo[a]anthracene	1060	1020	75	4	30	50-110	
Benzo[a]pyrene	1060	922	64	0	30	50-110	
Benzo[b]fluoranthene	1060	1190	79	6	30	45-115	
Benzo[g,h,i]perylene	1060	514	38	7	30	40-125	J
Benzoic acid	1060	1150	109	5	30	0-110	
Benzo[k]fluoranthene	1060	893	71	2	30	45-125	
Benzyl alcohol	1060	713	68	8	30	20-125	
Bis(2-chloroethoxy)methane	1060	648	61	13	30	45-110	
Bis(2-chloroethyl)ether	1060	660	63	9	30	40-105	
bis (2-chloroisopropyl) ether	1060	659	62	14	30	20-115	
4-Bromophenyl phenyl ether	1060	688	65	7	30	45-115	
Butyl benzyl phthalate	1060	788	75	2	30	50-125	
Carbazole	1060	700	62	1	30	45-115	
4-Chloroaniline	1060	285	27	21	30	10-95	
4-Chloro-3-methylphenol	1060	678	64	11	30	45-115	
2-Chloronaphthalene	1060	674	64	4	30	45-105	
2-Chlorophenol	1060	654	62	9	30	45-105	
4-Chlorophenyl phenyl ether	1060	693	66	2	30	45-110	
Chrysene	1060	1100	79	7	30	55-110	
Dibenz(a,h)anthracene	1060	489	46	7	30	40-125	
Dibenzofuran	1060	712	66	1	30	50-105	
1,4-Dichlorobenzene	1060	654	57	13	30	35-105	
1,2-Dichlorobenzene	1060	682	51	15	30	45-95	
1,3-Dichlorobenzene	1060	596	56	11	30	40-100	
3,3'-Dichlorobenzidine	1060	130 U	0	200	30	10-130	J
2,4-Dichlorophenol	1060	684	65	8	30	45-110	
Diethyl phthalate	1060	695	66	2	30	50-115	
2,4-Dimethylphenol	1060	397	38	23	30	30-105	
Dimethyl phthalate	1060	706	67	2	30	50-110	
Di-n-butyl phthalate	1060	712	67	2	30	55-110	
4,6-Dinitro-2-methylphenol	1060	317	30	18	30	30-135	
2,4-Dinitrophenol	1060	336 J	32	5	30	15-130	
2,4-Dinitrotoluene	1060	748	71	1	30	50-115	
2,6-Dinitrotoluene	1060	749	71	5	30	50-110	
Di-n-octyl phthalate	1060	878	83	0	30	40-130	
Fluoranthene	1060	1540	98	8	30	55-115	
Fluorene	1060	707	67	5	30	50-110	
Hexachlorobenzene	1060	679	64	2	30	45-120	
Hexachlorobutadiene	1060	587	56	9	30	40-115	

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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203023.D

Lab ID: 240-17467-2 MSD Client ID: 075SD-0002-0001-SD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachloroethane	1060	335	32	22	30	35-110	J
Indeno[1,2,3-cd]pyrene	1060	570	43	9	30	40-120	
Isophorone	1060	658	62	10	30	45-110	
2-Methylnaphthalene	1060	675	62	9	30	45-105	
2-Methylphenol	1060	616	58	14	30	40-105	
3 & 4 Methylphenol	2110	1310	62	14	30	40-105	
Naphthalene	1060	638	59	8	30	40-105	
2-Nitroaniline	1060	824	78	5	30	45-120	
3-Nitroaniline	1060	253 J	24	22	30	25-110	J
4-Nitroaniline	1060	259 J	25	22	30	35-115	J
Nitrobenzene	1060	661	63	11	30	40-115	
2-Nitrophenol	1060	689	65	10	30	40-110	
4-Nitrophenol	1060	821	78	1	30	15-140	
N-Nitrosodi-n-propylamine	1060	714	68	10	30	40-115	
N-Nitrosodiphenylamine	1060	703	67	2	30	50-115	
Pentachlorophenol	1060	416	39	9	30	25-120	
Phenanthrene	1060	1070	77	2	30	50-110	
Phenol	1060	696	66	10	30	40-100	
Pyrene	1060	1340	90	4	30	45-125	
1,2,4-Trichlorobenzene	1060	600	57	9	30	45-110	
2,4,5-Trichlorophenol	1060	707	67	3	30	50-110	
2,4,6-Trichlorophenol	1060	666	63	3	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211022.D

Lab ID: 240-17467-2 MSD RE Client ID: 075SD-0002-0001-SD MSD RE

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	1070	893	81	13	30	45-110	H
Acenaphthylene	1070	926	85	13	30	45-105	H
Anthracene	1070	991	86	2	30	55-105	H
Benzo[a]anthracene	1070	1000	81	0	30	50-110	H
Benzo[a]pyrene	1070	1030	82	4	30	50-110	H
Benzo[b]fluoranthene	1070	1080	83	2	30	45-115	H
Benzo[g,h,i]perylene	1070	873	74	3	30	40-125	H
Benzoic acid	1070	1510	142	26	30	0-110	H J
Benzo[k]fluoranthene	1070	1050	91	2	30	45-125	H
Benzyl alcohol	1070	963	90	26	30	20-125	H
Bis(2-chloroethoxy)methane	1070	727	68	30	30	45-110	H
Bis(2-chloroethyl)ether	1070	723	68	29	30	40-105	H
bis (2-chloroisopropyl) ether	1070	763	72	34	30	20-115	H J
Bis(2-ethylhexyl) phthalate	1070	1080	101	4	30	45-125	H
4-Bromophenyl phenyl ether	1070	778	73	2	30	45-115	H
Butyl benzyl phthalate	1070	1060	99	2	30	50-125	H
Carbazole	1070	896	79	1	30	45-115	H
4-Chloroaniline	1070	329	31	2	30	10-95	H
4-Chloro-3-methylphenol	1070	954	90	5	30	45-115	H
2-Chloronaphthalene	1070	751	70	16	30	45-105	H
2-Chlorophenol	1070	897	84	26	30	45-105	H
4-Chlorophenyl phenyl ether	1070	803	75	11	30	45-110	H
Chrysene	1070	1080	86	1	30	55-110	H
Dibenz(a,h)anthracene	1070	852	78	2	30	40-125	H
Dibenzofuran	1070	953	86	12	30	50-105	H
1,4-Dichlorobenzene	1070	777	73	28	30	35-105	H
1,2-Dichlorobenzene	1070	666	62	24	30	45-95	H
1,3-Dichlorobenzene	1070	637	60	29	30	40-100	H
3,3'-Dichlorobenzidine	1070	130 U	0	NC	30	10-130	H J
2,4-Dichlorophenol	1070	976	92	17	30	45-110	H
Diethyl phthalate	1070	1000	94	9	30	50-115	H
2,4-Dimethylphenol	1070	855	80	19	30	30-105	H
Dimethyl phthalate	1070	965	91	9	30	50-110	H
Di-n-butyl phthalate	1070	1000	94	1	30	55-110	H
4,6-Dinitro-2-methylphenol	1070	830	78	5	30	30-135	H
2,4-Dinitrophenol	1070	858	80	17	30	15-130	H
2,4-Dinitrotoluene	1070	858	81	5	30	50-115	H
2,6-Dinitrotoluene	1070	808	76	1	30	50-110	H
Di-n-octyl phthalate	1070	1100	103	6	30	40-130	H
Fluoranthene	1070	1220	78	2	30	55-115	H
Fluorene	1070	947	84	10	30	50-110	H
Hexachlorobenzene	1070	760	71	2	30	45-120	H

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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21211022.D

Lab ID: 240-17467-2 MSD RE Client ID: 075SD-0002-0001-SD MSD RE

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	1070	659	62	29	30	40-115	H
Hexachloroethane	1070	412	39	20	30	35-110	H
Indeno[1,2,3-cd]pyrene	1070	896	77	1	30	40-120	H
Isophorone	1070	913	86	26	30	45-110	H
2-Methylnaphthalene	1070	848	77	23	30	45-105	H
2-Methylphenol	1070	940	88	20	30	40-105	H
3 & 4 Methylphenol	2130	1920	90	20	30	40-105	H
Naphthalene	1070	824	73	29	30	40-105	H
2-Nitroaniline	1070	1030	97	10	30	45-120	H
3-Nitroaniline	1070	182 J	17	51	30	25-110	H J
4-Nitroaniline	1070	235 J	22	11	30	35-115	H J
Nitrobenzene	1070	723	68	32	30	40-115	H J
2-Nitrophenol	1070	895	84	24	30	40-110	H
4-Nitrophenol	1070	1090	102	14	30	15-140	H
N-Nitrosodi-n-propylamine	1070	908	85	26	30	40-115	H
N-Nitrosodiphenylamine	1070	973	91	3	30	50-115	H
Pentachlorophenol	1070	439	41	18	30	25-120	H
Phenanthrene	1070	1030	65	1	30	50-110	H
Phenol	1070	910	85	20	30	40-100	H
Pyrene	1070	1110	78	2	30	45-125	H
1,2,4-Trichlorobenzene	1070	655	61	26	30	45-110	H
2,4,5-Trichlorophenol	1070	1030	96	14	30	50-110	H
2,4,6-Trichlorophenol	1070	896	84	8	30	45-110	H

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.: 240-17467-1

SDG No.:

Lab File ID: 21203014.D Lab Sample ID: MB 240-65933/23-A

Matrix: Solid Date Extracted: 11/21/2012 11:36

Instrument ID: A4HP9 Date Analyzed: 12/03/2012 16:43

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65933/24-A	21203015.D	12/03/2012 17:08
075SD-0003-0001-SD	240-17467-4	21203020.D	12/03/2012 19:15
075SD-0002-0001-SD	240-17467-2	21203021.D	12/03/2012 19:40
075SD-0002-0001-SD MS	240-17467-2 MS	21203022.D	12/03/2012 20:06
075SD-0002-0001-SD MSD	240-17467-2 MSD	21203023.D	12/03/2012 20:31

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab File ID: 21207004.D Lab Sample ID: MB 240-67436/23-A

Matrix: Solid Date Extracted: 12/05/2012 10:50

Instrument ID: A4HP9 Date Analyzed: 12/07/2012 14:08

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-67436/24-A	21207005.D	12/07/2012 14:33
075SD-0002-0001-SD RE	240-17467-2 RE	21211020.D	12/11/2012 20:30
075SD-0002-0001-SD MS RE	240-17467-2 MS RE	21211021.D	12/11/2012 20:55
075SD-0002-0001-SD MSD RE	240-17467-2 MSD RE	21211022.D	12/11/2012 21:20
075SD-0003-0001-SD RE	240-17467-4 RE	21211023.D	12/11/2012 21:45

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab File ID: 21203001.D DFTPP Injection Date: 12/03/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:11

Analysis Batch No.: 67070

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	39.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.2	
70	Less than 2.0% of mass 69	0.2	(0.3)1
127	25.0 - 75.0% of mass 198	47.2	
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	6.8	
275	10.0- 30.0% of mass 198	22.9	
365	Greater than 0.75% of mass 198	2.9	
441	Present, but less than mass 443	12.0	
442	40.0 - 110.0% of mass 198	68.0	
443	15.0 - 24.0% of mass 442	12.4	(18.2)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
	STD5 240-67070/2	21203002.D	12/03/2012	11:32
	STD4 240-67070/3	21203003.D	12/03/2012	11:57
	STD3 240-67070/4	21203004.D	12/03/2012	12:23
	STD2 240-67070/5	21203005.D	12/03/2012	12:48
	STD1 240-67070/6	21203006.D	12/03/2012	13:13
	STD9 240-67070/7	21203007.D	12/03/2012	13:39
	STD8 240-67070/8	21203008.D	12/03/2012	14:04
	STD7 240-67070/9	21203009.D	12/03/2012	14:36
	STD6 240-67070/10	21203010.D	12/03/2012	15:01
	ICV 240-67070/12	21203012.D	12/03/2012	15:52
	MRL 240-67070/13	21203013.D	12/03/2012	16:18
	MB 240-65933/23-A	21203014.D	12/03/2012	16:43
	LCS 240-65933/24-A	21203015.D	12/03/2012	17:08
075SD-0003-0001-SD	240-17467-4	21203020.D	12/03/2012	19:15
075SD-0002-0001-SD	240-17467-2	21203021.D	12/03/2012	19:40
075SD-0002-0001-SD MS	240-17467-2 MS	21203022.D	12/03/2012	20:06
075SD-0002-0001-SD MSD	240-17467-2 MSD	21203023.D	12/03/2012	20:31
	MRL 240-67070/24	21203024.D	12/03/2012	20:56
	mdll1	21203025.D	12/03/2012	21:21
	mdll2	21203026.D	12/03/2012	21:47
	mdll3	21203027.D	12/03/2012	22:12
	mdll4	21203028.D	12/03/2012	22:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab File ID: 21207001.D DFTPP Injection Date: 12/07/2012

Instrument ID: A4HP9 DFTPP Injection Time: 12:56

Analysis Batch No.: 67729

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	37.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.1	
70	Less than 2.0% of mass 69	0.3	(0.5)1
127	25.0 - 75.0% of mass 198	44.1	
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	6.4	
275	10.0- 30.0% of mass 198	23.6	
365	Greater than 0.75% of mass 198	3.0	
441	Present, but less than mass 443	8.2	
442	40.0 - 110.0% of mass 198	86.2	
443	15.0 - 24.0% of mass 442	15.9	(18.4)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 240-67729/2	21207002.D	12/07/2012	13:16
	MRL 240-67729/3	21207003.D	12/07/2012	13:43
	MB 240-67436/23-A	21207004.D	12/07/2012	14:08
	LCS 240-67436/24-A	21207005.D	12/07/2012	14:33
	MRL 240-67729/15	21207015.D	12/07/2012	18:43
	mdll1	21207016.D	12/07/2012	19:08
	mdll2	21207017.D	12/07/2012	19:33
	mdll3	21207018.D	12/07/2012	19:58
	mdll4	21207019.D	12/07/2012	20:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab File ID: 21211001.D DFTPP Injection Date: 12/11/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:50

Analysis Batch No.: 68161

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	47.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	81.5	
70	Less than 2.0% of mass 69	0.9	(1.2)1
127	25.0 - 75.0% of mass 198	52.9	
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	22.0	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	0.9	
442	40.0 - 110.0% of mass 198	61.7	
443	15.0 - 24.0% of mass 442	11.8	(19.1)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 240-68161/2	21211002.D	12/11/2012	12:10
	STD4 240-68161/3	21211003.D	12/11/2012	12:35
	STD3 240-68161/4	21211004.D	12/11/2012	12:59
	STD2 240-68161/5	21211005.D	12/11/2012	13:24
	STD1 240-68161/6	21211006.D	12/11/2012	13:49
	STD9 240-68161/7	21211007.D	12/11/2012	14:14
	STD8 240-68161/8	21211008.D	12/11/2012	14:38
	STD7 240-68161/9	21211009.D	12/11/2012	15:03
	STD6 240-68161/10	21211010.D	12/11/2012	15:28
	ICV 240-68161/12	21211012.D	12/11/2012	17:12
	MRL 240-68161/13	21211013.D	12/11/2012	17:36
075SD-0002-0001-SD RE	240-17467-2 RE	21211020.D	12/11/2012	20:30
075SD-0002-0001-SD MS RE	240-17467-2 MS RE	21211021.D	12/11/2012	20:55
075SD-0002-0001-SD MSD RE	240-17467-2 MSD RE	21211022.D	12/11/2012	21:20
075SD-0003-0001-SD RE	240-17467-4 RE	21211023.D	12/11/2012	21:45
	MRL 240-68161/24	21211024.D	12/11/2012	22:10
	mdll1	21211025.D	12/11/2012	22:35
	mdll2	21211026.D	12/11/2012	22:59
	mdll3	21211027.D	12/11/2012	23:24

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Sample No.: STD6 240-67070/10 Date Analyzed: 12/03/2012 15:01

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21203010.D Heated Purge: (Y/N) N

Calibration ID: 12569

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		219993	6.05	913768	7.16	570837	8.65
UPPER LIMIT		439986	6.55	1827536	7.66	1141674	9.15
LOWER LIMIT		109997	5.55	456884	6.66	285419	8.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-67070/12		137958	6.05	564325	7.15	357466	8.65
MRL 240-67070/13		171464	6.05	713458	7.16	437258	8.65
MB 240-65933/23-A		124013	6.05	533683	7.15	327896	8.65
LCS 240-65933/24-A		148506	6.05	598299	7.15	366348	8.65
240-17467-4	075SD-0003-0001-SD	153801	6.05	644878	7.16	410535	8.65
240-17467-2	075SD-0002-0001-SD	160553	6.05	665135	7.16	420195	8.65
240-17467-2 MS	075SD-0002-0001-SD MS	143297	6.05	631390	7.16	407807	8.65
240-17467-2 MSD	075SD-0002-0001-SD MSD	155229	6.05	680295	7.15	417449	8.65
MRL 240-67070/24		216038	6.05	917595	7.15	576647	8.65
mdll1 LODV		207444	6.05	869065	7.16	538330	8.65
mdll2 LODV		209193	6.05	859994	7.16	530467	8.65
mdll3 LODV		213548	6.05	921422	7.16	589971	8.65
mdll4 LODV		182745	6.05	760921	7.16	476990	8.65
CCV 240-67729/2		186473	5.95	768676	7.07	487864	8.56
MRL 240-67729/3		204636	5.95	871123	7.07	541865	8.56
MB 240-67436/23-A		127822	5.95	524706	7.07	339802	8.56
LCS 240-67436/24-A		121871	5.95	522204	7.07	328438	8.56
MRL 240-67729/15		283292	5.95	1250981	7.07	782669	8.56

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.: 240-17467-1

SDG No.:

Sample No.: STD6 240-67070/10 Date Analyzed: 12/03/2012 15:01

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21203010.D Heated Purge: (Y/N) N

Calibration ID: 12569

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		998118	9.92	998924	12.54	831813	14.68
UPPER LIMIT		1996236	10.42	1997848	13.04	1663626	15.18
LOWER LIMIT		499059	9.42	499462	12.04	415907	14.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-67070/12		594843	9.92	624609	12.54	454251	14.68
MRL 240-67070/13		775651	9.91	807050	12.54	626925	14.68
MB 240-65933/23-A		567124	9.92	584002	12.53	417389	14.68
LCS 240-65933/24-A		660166	9.92	664965	12.54	519884	14.68
240-17467-4	075SD-0003-0001-SD	694114	9.91	710816	12.54	565503	14.68
240-17467-2	075SD-0002-0001-SD	704152	9.91	751985	12.54	603421	14.68
240-17467-2 MS	075SD-0002-0001-SD MS	728383	9.91	728313	12.54	517282	14.68
240-17467-2 MSD	075SD-0002-0001-SD MSD	738701	9.92	726330	12.54	526864	14.68
MRL 240-67070/24		1039673	9.92	1040456	12.54	755234	14.68
mdll1 LODV		955227	9.91	922784	12.54	685010	14.68
mdll2 LODV		945623	9.92	937401	12.53	677012	14.68
mdll3 LODV		1040733	9.91	1043646	12.54	741905	14.68
mdll4 LODV		868189	9.91	847220	12.54	603734	14.67
CCV 240-67729/2		841048	9.82	850116	12.38	734023	14.47
MRL 240-67729/3		896068	9.82	829131	12.38	688574	14.47
MB 240-67436/23-A		585620	9.82	583771	12.38	465793	14.47
LCS 240-67436/24-A		576794	9.82	590901	12.38	473235	14.47
MRL 240-67729/15		1273090	9.82	1288644	12.38	1081295	14.47

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 VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Sample No.: STD6 240-68161/10 Date Analyzed: 12/11/2012 15:28

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21211010.D Heated Purge: (Y/N) N

Calibration ID: 12751

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		126374	6.10	521726	7.21	321083	8.71
UPPER LIMIT		252748	6.60	1043452	7.71	642166	9.21
LOWER LIMIT		63187	5.60	260863	6.71	160542	8.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-68161/12		112770	6.10	468717	7.21	283801	8.71
MRL 240-68161/13		114460	6.10	457847	7.21	294905	8.70
240-17467-2 RE	075SD-0002-0001-SD RE	101188	6.10	383008	7.21	245216	8.70
240-17467-2 MS RE	075SD-0002-0001-SD MS RE	107514	6.10	449227	7.21	271802	8.70
240-17467-2 MSD RE	075SD-0002-0001-SD MSD RE	100655	6.10	417605	7.20	247434	8.70
240-17467-4 RE	075SD-0003-0001-SD RE	99358	6.10	422697	7.20	257827	8.70
MRL 240-68161/24		142986	6.10	606022	7.20	376254	8.70

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.: 240-17467-1

SDG No.:

Sample No.: STD6 240-68161/10 Date Analyzed: 12/11/2012 15:28

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21211010.D Heated Purge: (Y/N) N

Calibration ID: 12751

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		553057	9.97	558818	12.62	422603	14.79
UPPER LIMIT		1106114	10.47	1117636	13.12	845206	15.29
LOWER LIMIT		276529	9.47	279409	12.12	211302	14.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-68161/12		478455	9.97	478914	12.62	328863	14.79
MRL 240-68161/13		493363	9.97	506496	12.62	377338	14.78
240-17467-2 RE	075SD-0002-0001-SD RE	408280	9.97	425024	12.61	323538	14.78
240-17467-2 MS RE	075SD-0002-0001-SD MS RE	445518	9.97	461302	12.62	345888	14.78
240-17467-2 MSD RE	075SD-0002-0001-SD MSD RE	432385	9.97	443339	12.61	330923	14.78
240-17467-4 RE	075SD-0003-0001-SD RE	429128	9.97	442358	12.61	323853	14.78
MRL 240-68161/24		614559	9.97	646554	12.61	503603	14.78

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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD | Lab Sample ID: 240-17467-2

Matrix: Solid | Lab File ID: 21203021.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 29.87(g) | Date Analyzed: 12/03/2012 19:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	19		11	5.3	5.3
208-96-8	Acenaphthylene	13		11	5.3	5.3
120-12-7	Anthracene	57		11	5.3	5.3
56-55-3	Benzo[a]anthracene	230		11	5.3	5.3
50-32-8	Benzo[a]pyrene	250		11	5.3	5.3
205-99-2	Benzo[b]fluoranthene	360		11	5.3	5.3
191-24-2	Benzo[g,h,i]perylene	120	J	11	5.3	5.3
65-85-0	Benzoic acid	530	U J	1100	530	530
207-08-9	Benzo[k]fluoranthene	140		11	5.3	5.3
100-51-6	Benzyl alcohol	43	U	530	43	33
111-91-1	Bis(2-chloroethoxy)methane	43	U	160	43	35
111-44-4	Bis(2-chloroethyl)ether	5.3	U	160	5.3	3.2
108-60-1	bis (2-chloroisopropyl) ether	43	U	160	43	15
101-55-3	4-Bromophenyl phenyl ether	43	U	80	43	21
85-68-7	Butyl benzyl phthalate	43	U	80	43	16
86-74-8	Carbazole	44	J	80	43	43
106-47-8	4-Chloroaniline	43	U	240	43	27
59-50-7	4-Chloro-3-methylphenol	43	U	240	43	33
91-58-7	2-Chloronaphthalene	5.3	U	80	5.3	5.3
95-57-8	2-Chlorophenol	43	U	80	43	43
7005-72-3	4-Chlorophenyl phenyl ether	43	U	80	43	21
218-01-9	Chrysene	270		11	5.3	1.8
53-70-3	Dibenz(a,h)anthracene	5.3	U	11	5.3	5.3
132-64-9	Dibenzofuran	17	J	80	5.3	5.3
106-46-7	1,4-Dichlorobenzene	50	J	80	43	32
95-50-1	1,2-Dichlorobenzene	140		80	43	15
541-73-1	1,3-Dichlorobenzene	43	U	80	43	18
91-94-1	3,3'-Dichlorobenzidine	130	U J	160	130	29
120-83-2	2,4-Dichlorophenol	43	U	240	43	32
84-66-2	Diethyl phthalate	43	U	80	43	26
105-67-9	2,4-Dimethylphenol	130	U	240	130	32
131-11-3	Dimethyl phthalate	43	U	80	43	27
84-74-2	Di-n-butyl phthalate	43	U	80	43	24
534-52-1	4,6-Dinitro-2-methylphenol	130	U	240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD | Lab Sample ID: 240-17467-2

Matrix: Solid | Lab File ID: 21203021.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 29.87(g) | Date Analyzed: 12/03/2012 19:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	130	U	530	130	130
121-14-2	2,4-Dinitrotoluene	43	U	320	43	43
606-20-2	2,6-Dinitrotoluene	43	U	320	43	33
117-84-0	Di-n-octyl phthalate	43	U	80	43	43
206-44-0	Fluoranthene	510		11	5.3	5.3
86-73-7	Fluorene	5.3	U	11	5.3	5.3
118-74-1	Hexachlorobenzene	5.3	U	11	5.3	3.3
87-68-3	Hexachlorobutadiene	43	U	80	43	43
77-47-4	Hexachlorocyclopentadiene	43	U	530	43	43
67-72-1	Hexachloroethane	43	U J	80	43	14
193-39-5	Indeno[1,2,3-cd]pyrene	120		11	5.3	5.3
78-59-1	Isophorone	43	U	80	43	21
91-57-6	2-Methylnaphthalene	18		11	5.3	5.3
95-48-7	2-Methylphenol	130	U	320	130	130
15831-10-4	3 & 4 Methylphenol	130	U	640	130	32
91-20-3	Naphthalene	18		11	5.3	5.3
88-74-4	2-Nitroaniline	43	U	320	43	15
99-09-2	3-Nitroaniline	130	U J	320	130	26
100-01-6	4-Nitroaniline	43	U J	320	43	41
98-95-3	Nitrobenzene	5.3	U	160	5.3	3.5
88-75-5	2-Nitrophenol	43	U	80	43	43
100-02-7	4-Nitrophenol	130	U	530	130	130
621-64-7	N-Nitrosodi-n-propylamine	43	U	80	43	43
86-30-6	N-Nitrosodiphenylamine	43	U	80	43	33
87-86-5	Pentachlorophenol	130	U	240	130	130
85-01-8	Phenanthrene	260		11	5.3	5.3
108-95-2	Phenol	43	U	80	43	43
129-00-0	Pyrene	390		11	5.3	5.3
120-82-1	1,2,4-Trichlorobenzene	43	U	80	43	43
95-95-4	2,4,5-Trichlorophenol	43	U	240	43	40
88-06-2	2,4,6-Trichlorophenol	130	U	240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD | Lab Sample ID: 240-17467-2

Matrix: Solid | Lab File ID: 21203021.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 29.87(g) | Date Analyzed: 12/03/2012 19:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	55		45-105
367-12-4	2-Fluorophenol (Surr)	61		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	57		35-125
4165-62-2	Phenol-d5 (Surr)	63		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D
Lims ID: 240-17467-M-2-A Client ID: 075SD-0002-0001-SD
Inject. Date: 03-Dec-2012 19:40:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015467-021
Misc. Info.: 240-17467-M-2-A =240-17467-M-2-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 67070 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 09:02:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.051	6.050	0.001	84	160553	4.00	
* 2 Naphthalene-d8	136	7.157	7.156	0.001	99	665135	4.00	
* 3 Acenaphthene-d10	164	8.652	8.652	0.0	65	420195	4.00	
* 4 Phenanthrene-d10	188	9.913	9.918	-0.005	73	704152	4.00	
* 5 Chrysene-d12	240	12.536	12.541	-0.005	79	751985	4.00	
* 6 Perylene-d12	264	14.678	14.677	0.001	95	603421	4.00	
$ 7 2-Fluorophenol	112	4.843	4.832	0.011	93	578844	9.16	
$ 8 Phenol-d5	99	5.693	5.687	0.006	0	858200	9.41	
$ 9 Nitrobenzene-d5	82	6.526	6.531	-0.005	82	599031	5.88	
$ 10 2-Fluorobiphenyl (Surr)	172	8.059	8.059	0.0	93	765392	5.49	
$ 11 2,4,6-Tribromophenol	330	9.315	9.319	-0.004	74	138554	8.51	
$ 12 Terphenyl-d14	244	11.291	11.291	0.0	80	985670	6.40	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.807					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74		3.272					9
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.320					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.876					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					9
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					9
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.661	5.665	-0.004	78	25696	0.4028	
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94		5.703					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93		5.751					9
106 1,3-Dinitrobenzene	168		5.771					9
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93		5.804					
46 2-Chlorophenol	128		5.858					9
47 1,3-Dichlorobenzene	146	6.008	6.002	0.006	38	8361	0.1326	
48 1,4-Dichlorobenzene	146	6.067	6.066	0.001	63	30015	0.4715	
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108		6.157					
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146	6.200	6.199	0.001	77	79881	1.30	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108		6.237					
53 2,2'-oxybis[1-chloropropane]	45		6.274					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108		6.365					
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70		6.386					9
58 Acetophenone	105		6.392					
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117		6.504					
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77		6.547					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
230 Diallate Peak 2	86		6.695					
64 Isophorone	82		6.744					9
140 Dimethoate	87		6.764					
66 2-Nitrophenol	139		6.819					9
65 2,4-Dimethylphenol	107		6.830					
67 1,3,5-Trichlorobenzene	180		6.830					
71 Benzoic acid	122	6.847	6.889	-0.042	75	50962	2.88	
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93		6.915					
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					
146 Disulfoton	88		7.010					
73 2,4-Dichlorophenol	162		7.017					
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180	7.103	7.102	0.001	70	10726	0.1840	
75 Naphthalene	128	7.173	7.177	-0.004	25	30945	0.1694	
76 4-Chloroaniline	127		7.204					9
79 Hexachlorobutadiene	225		7.268					9
152 Methyl parathion	109		7.282					
80 1,2,3-Trichlorobenzene	180		7.295					9
84 Caprolactam	113		7.487					9
155 Ethyl Parathion	97		7.560					
86 4-Chloro-3-methylphenol	107		7.594					9
156 4-Nitroquinoline-1-oxide	190		7.613					9
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.760	7.759	0.001	80	19275	0.1683	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.846	7.850	-0.004	43	14342	0.1294	
90 1,2,3,5-Tetrachlorobenzene	216		7.888					9
89 Hexachlorocyclopentadiene	237		7.893					9
92 2,4,6-Trichlorophenol	196		7.989					
93 2,4,5-Trichlorophenol	196		8.016					
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.133					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					
98 1,1'-Biphenyl	154		8.149					
100 2-Chloronaphthalene	162		8.181					9
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65		8.246					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					9
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.384					
107 2,6-Dinitrotoluene	165		8.443					
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168		8.497					9
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152	8.530	8.534	-0.004	52	23315	0.1262	
110 3-Nitroaniline	138		8.593					
111 2,4-Dinitrophenol	184		8.678					39
112 Acenaphthene	153	8.679	8.678	0.001	66	20698	0.1766	
113 4-Nitrophenol	109		8.700					
171 2-Acetylaminofluorene	181		8.713					9
114 2,4-Dinitrotoluene	165		8.785					
116 Dibenzofuran	168	8.823	8.822	0.001	72	26413	0.1562	
118 2,3,5,6-Tetrachlorophenol	232		8.881					
121 Diethyl phthalate	149		8.977					
123 4-Chlorophenyl phenyl ether	204		9.100					9
125 4-Nitroaniline	138		9.111					
126 Fluorene	166		9.116					
128 4,6-Dinitro-2-methylphenol	198		9.132					
131 N-Nitrosodiphenylamine	169		9.191					
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77		9.234					
132 1,2-Diphenylhydrazine	77		9.234					
139 4-Bromophenyl phenyl ether	248		9.517					9
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.581					
142 Atrazine	200		9.624					
143 Pentachlorophenol	266		9.741					9
181 7,12-Dimethylbenz(a)anthracene	256		9.856					9
148 Phenanthrene	178	9.934	9.939	-0.005	81	511753	2.43	
149 Anthracene	178	9.977	9.982	-0.005	91	112707	0.5348	
151 Carbazole	167	10.100	10.105	-0.005	75	78109	0.4138	
154 Di-n-butyl phthalate	149		10.356					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.955	10.959	-0.004	77	1143818	4.76	
160 Benzidine	184		11.050					9
161 Pyrene	202	11.174	11.178	-0.004	72	961227	3.69	
166 4,4'-DDE	246		11.233					
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149		11.787					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244		12.418					
174 4,4'-Methylene bis(2-chloroanili	231		12.466					
175 3,3'-Dichlorobenzidine	252		12.466					
173 Bis(2-ethylhexyl) phthalate	149	12.483	12.482	0.001	92	545623	3.53	
177 Benzo[a]anthracene	228	12.520	12.525	-0.005	88	507475	2.17	
178 Chrysene	228	12.573	12.573	0.0	84	540014	2.51	
180 Di-n-octyl phthalate	149		13.422					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	14.080	14.079	0.001	86	702646	3.36	
183 Benzo[k]fluoranthene	252	14.117	14.122	-0.005	25	281830	1.31	
184 Benzo[a]pyrene	252	14.593	14.597	-0.004	72	462674	2.34	
188 Indeno[1,2,3-cd]pyrene	276	16.398	16.403	-0.005	81	244682	1.13	
189 Dibenz(a,h)anthracene	278		16.430					
190 Benzo[g,h,i]perylene	276	16.879	16.889	-0.010	75	200240	1.10	
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					
T 235 4-isopropylphenol TIC	121		4.756					
T 236 3-isopropylphenol TIC	121		4.756					
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					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

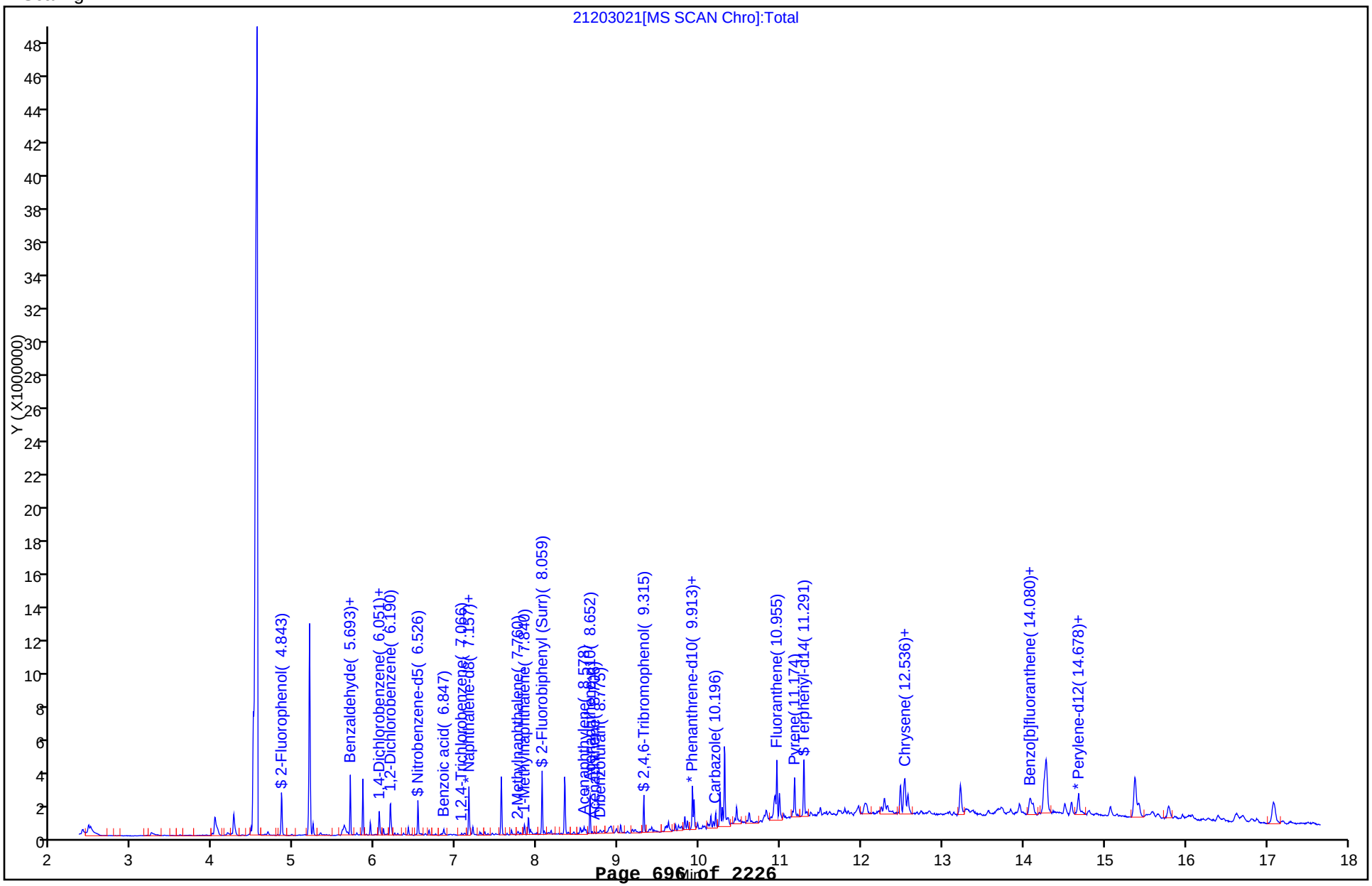
Processing Flags
1 - Missing Peaks
3 - Failed RT Window Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 04-Dec-2012 09:30:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D		
Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



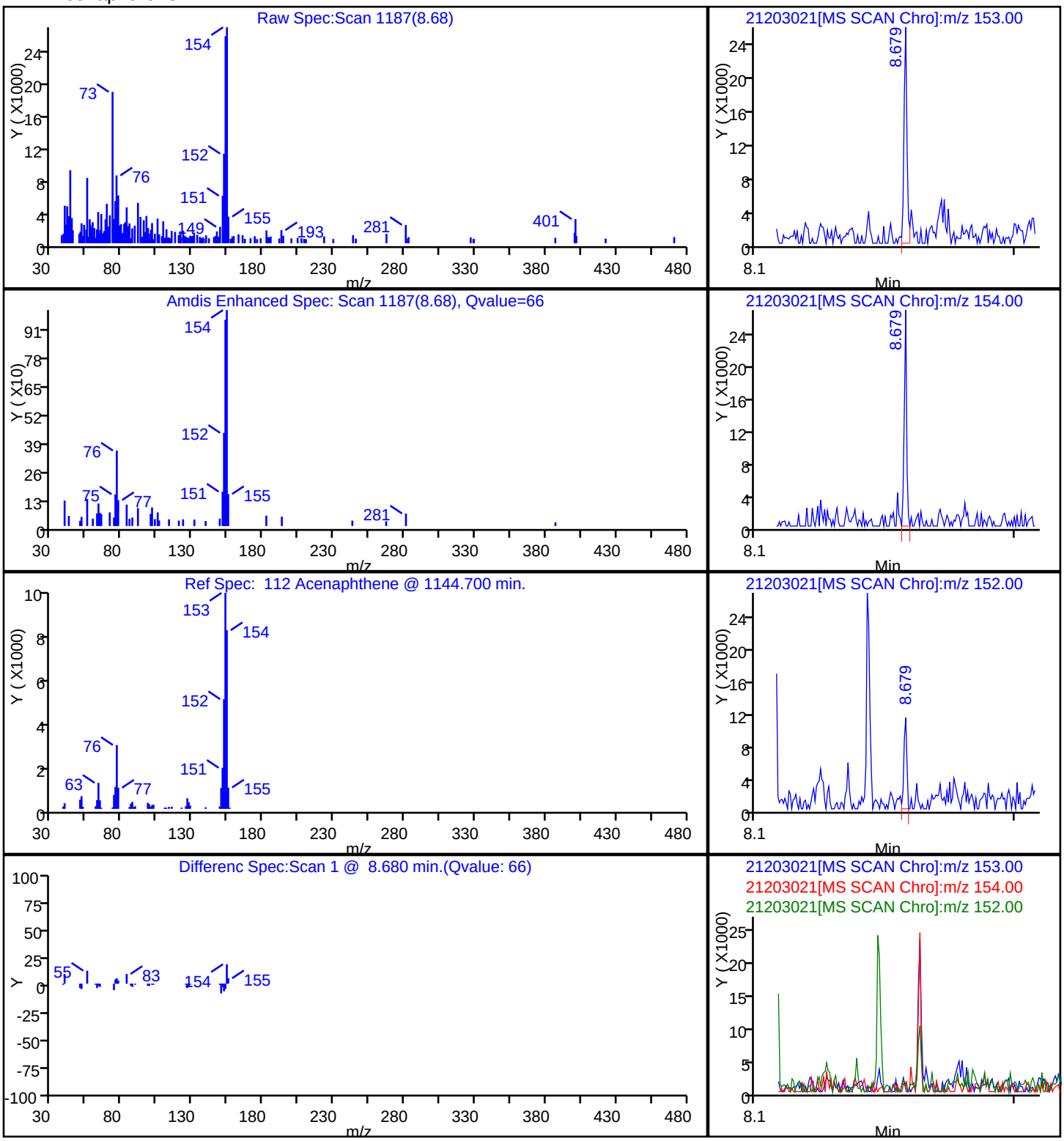
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



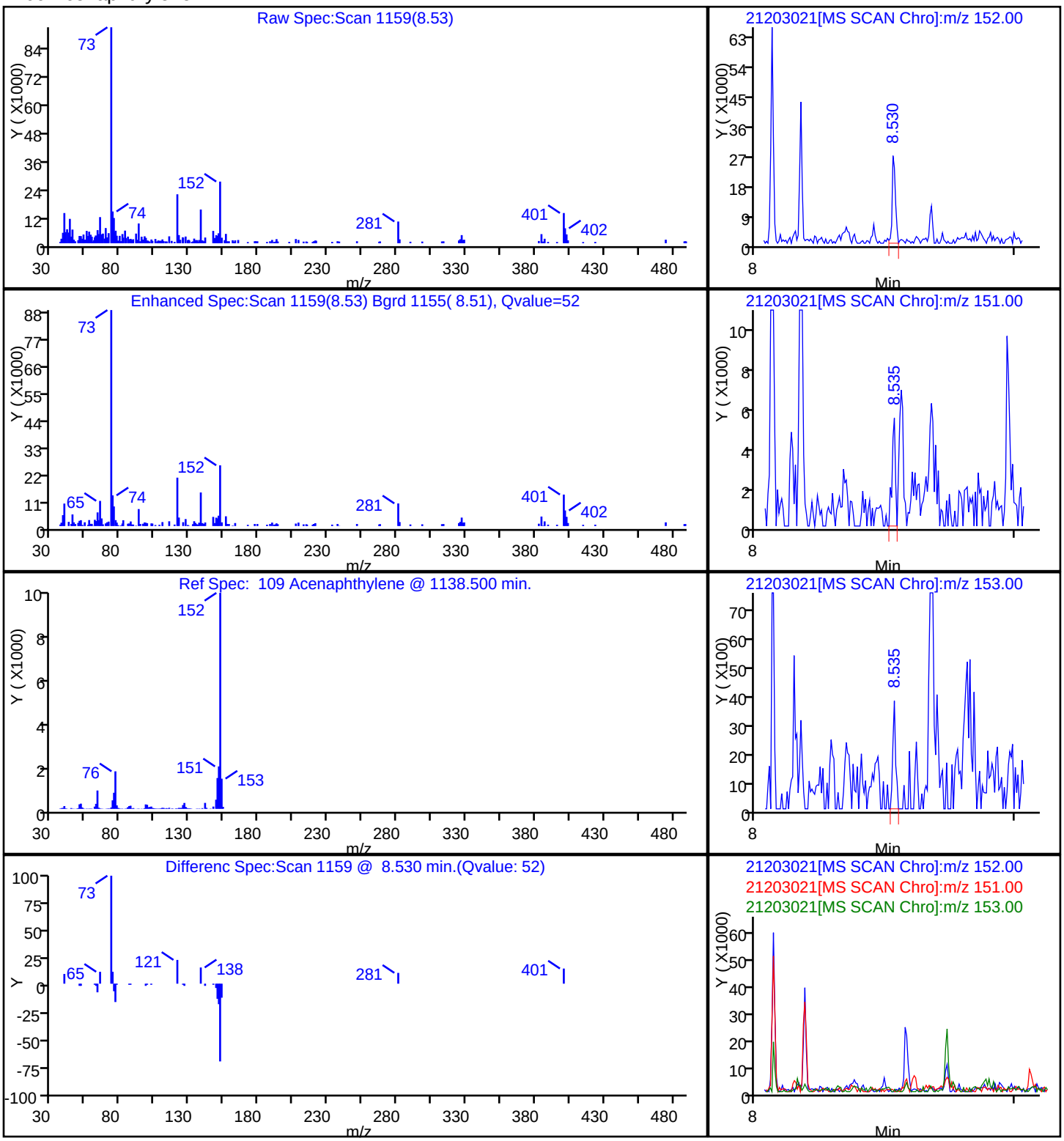
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



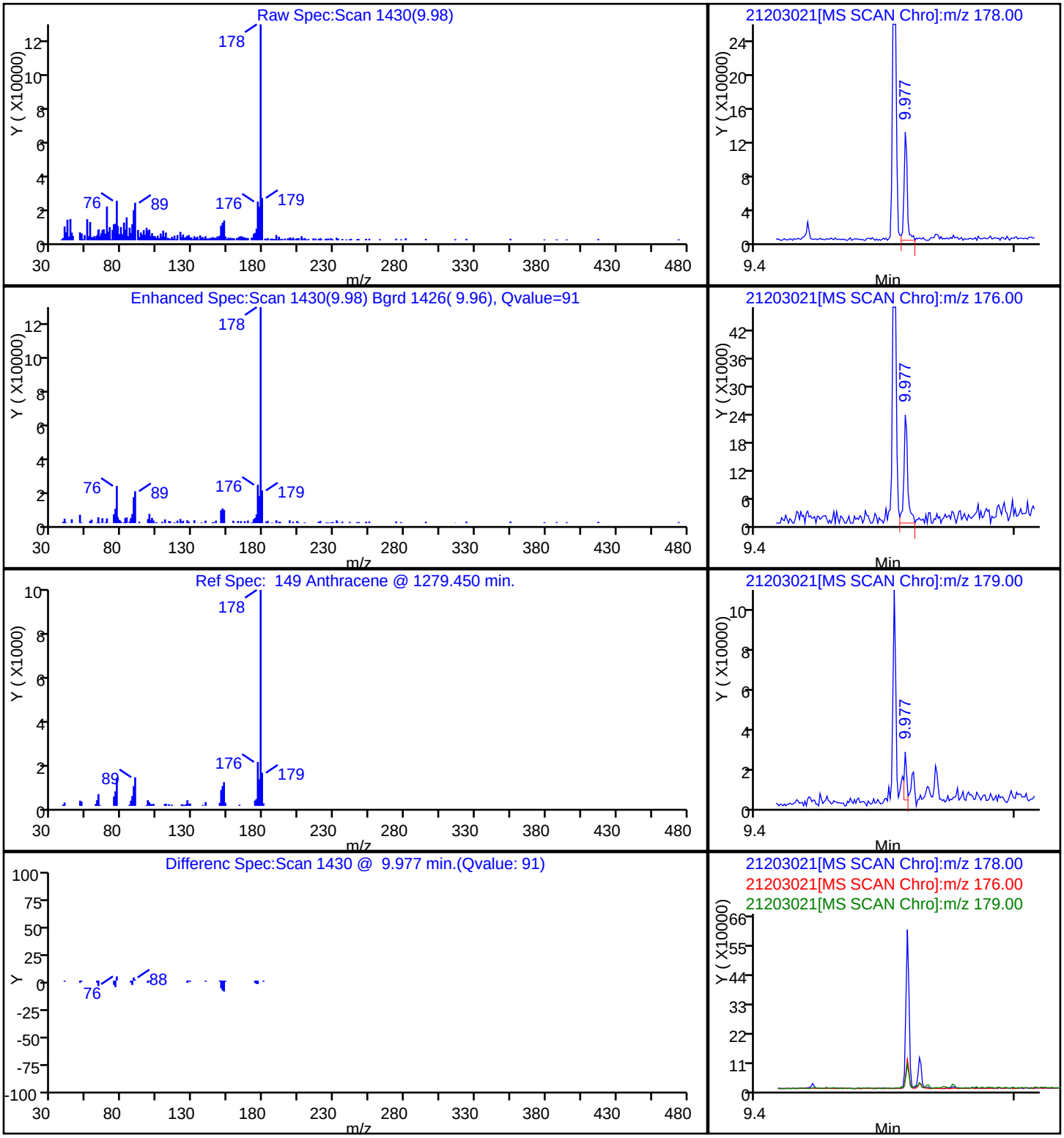
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



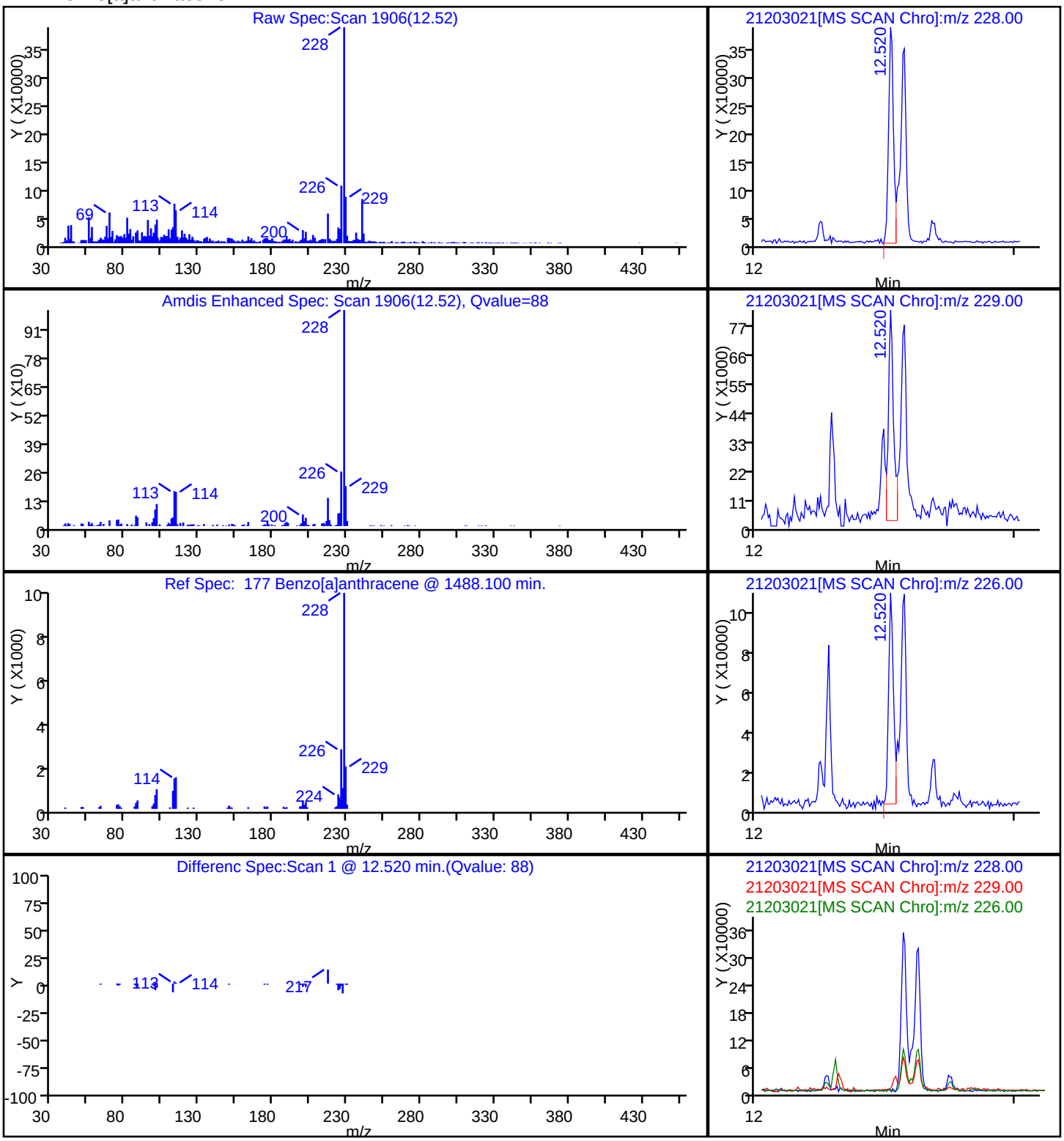
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



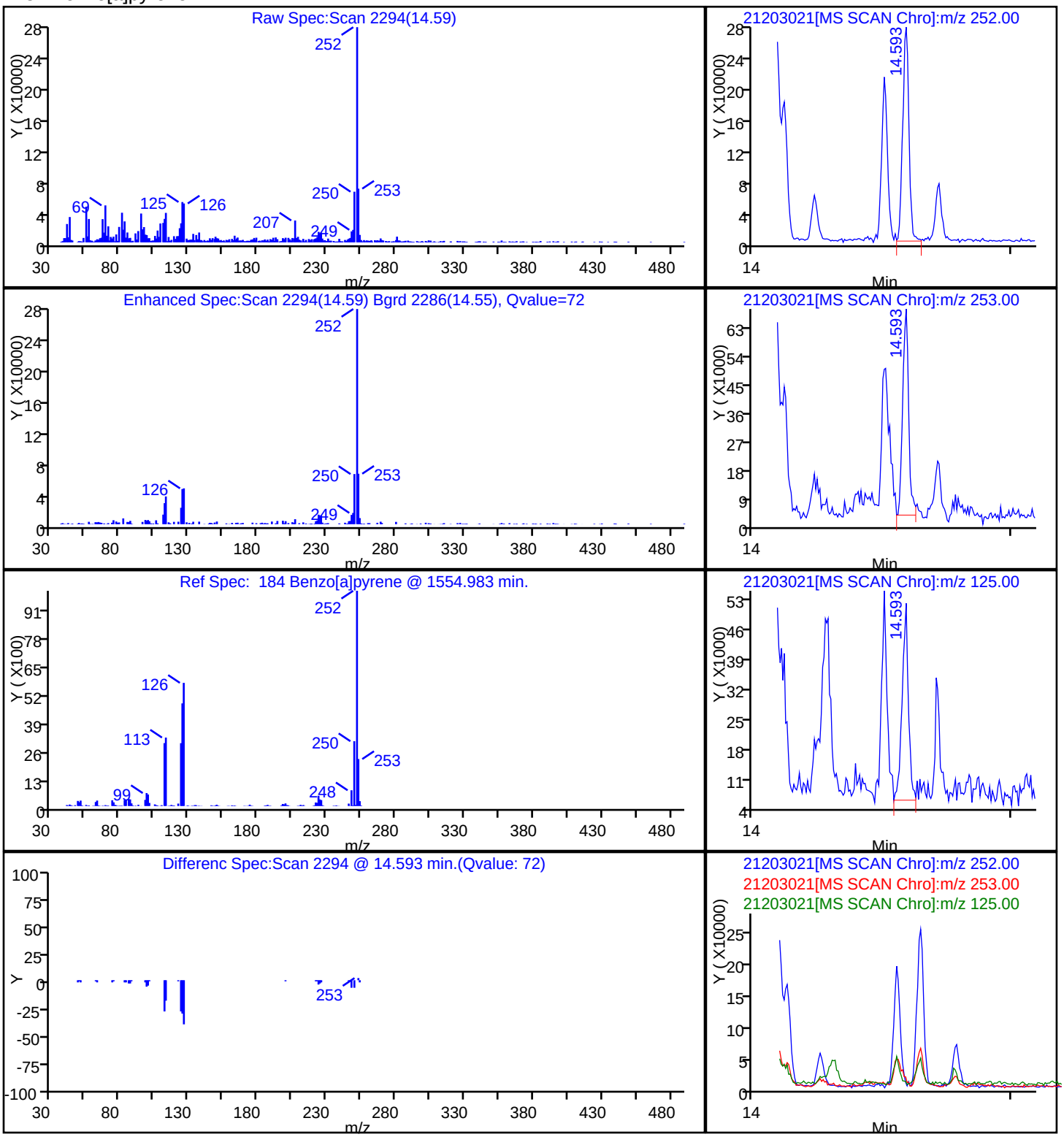
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



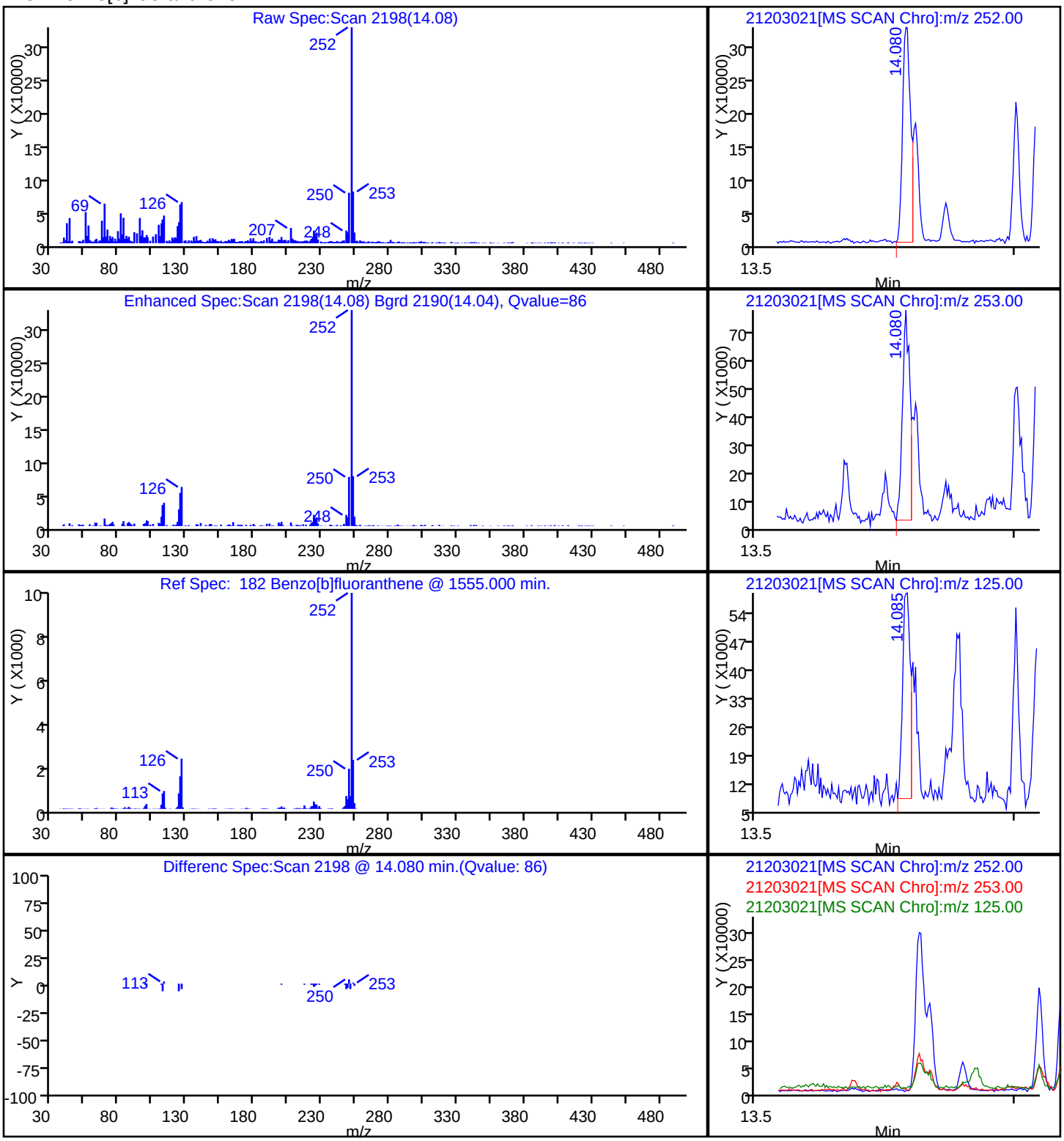
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



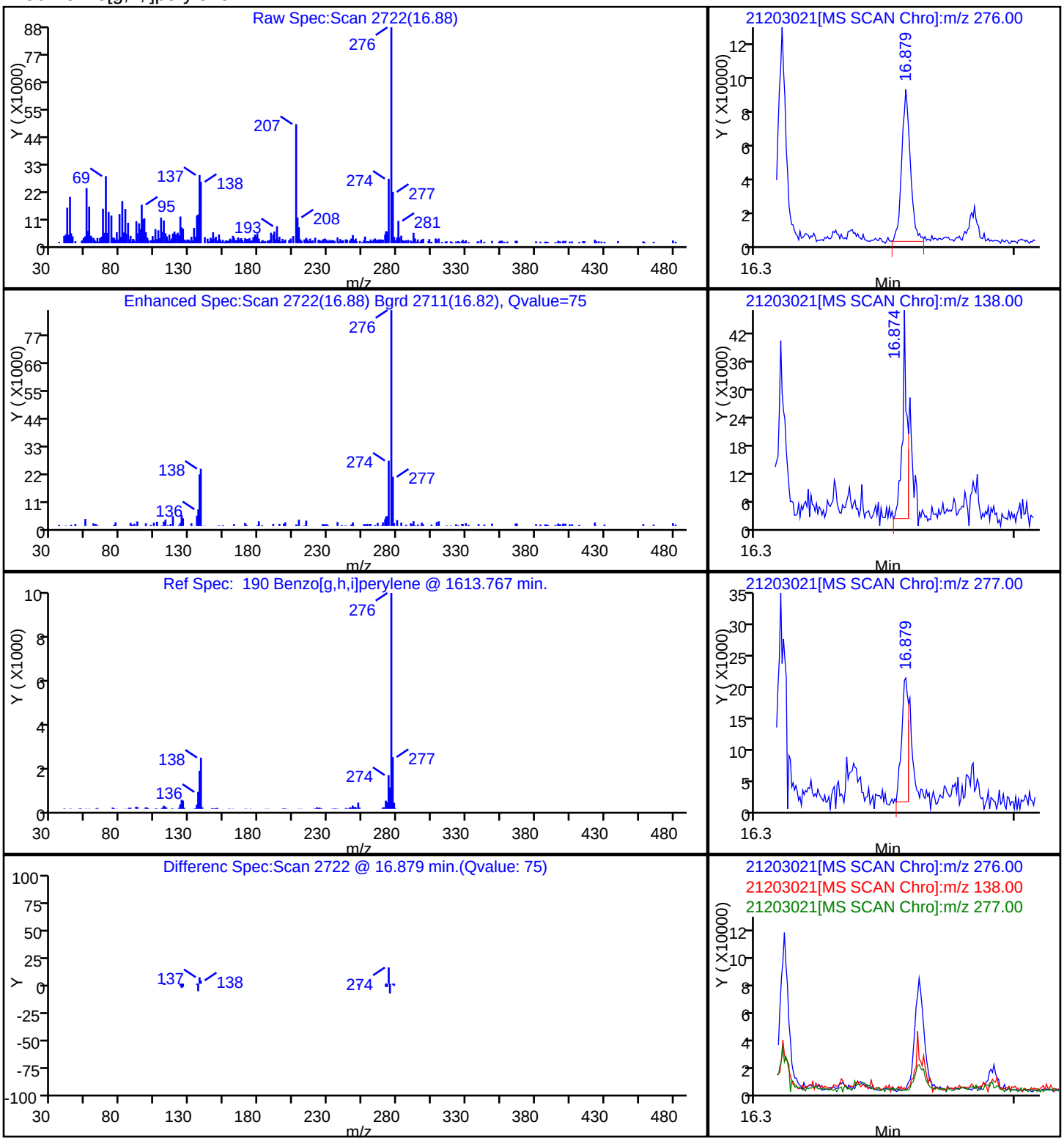
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



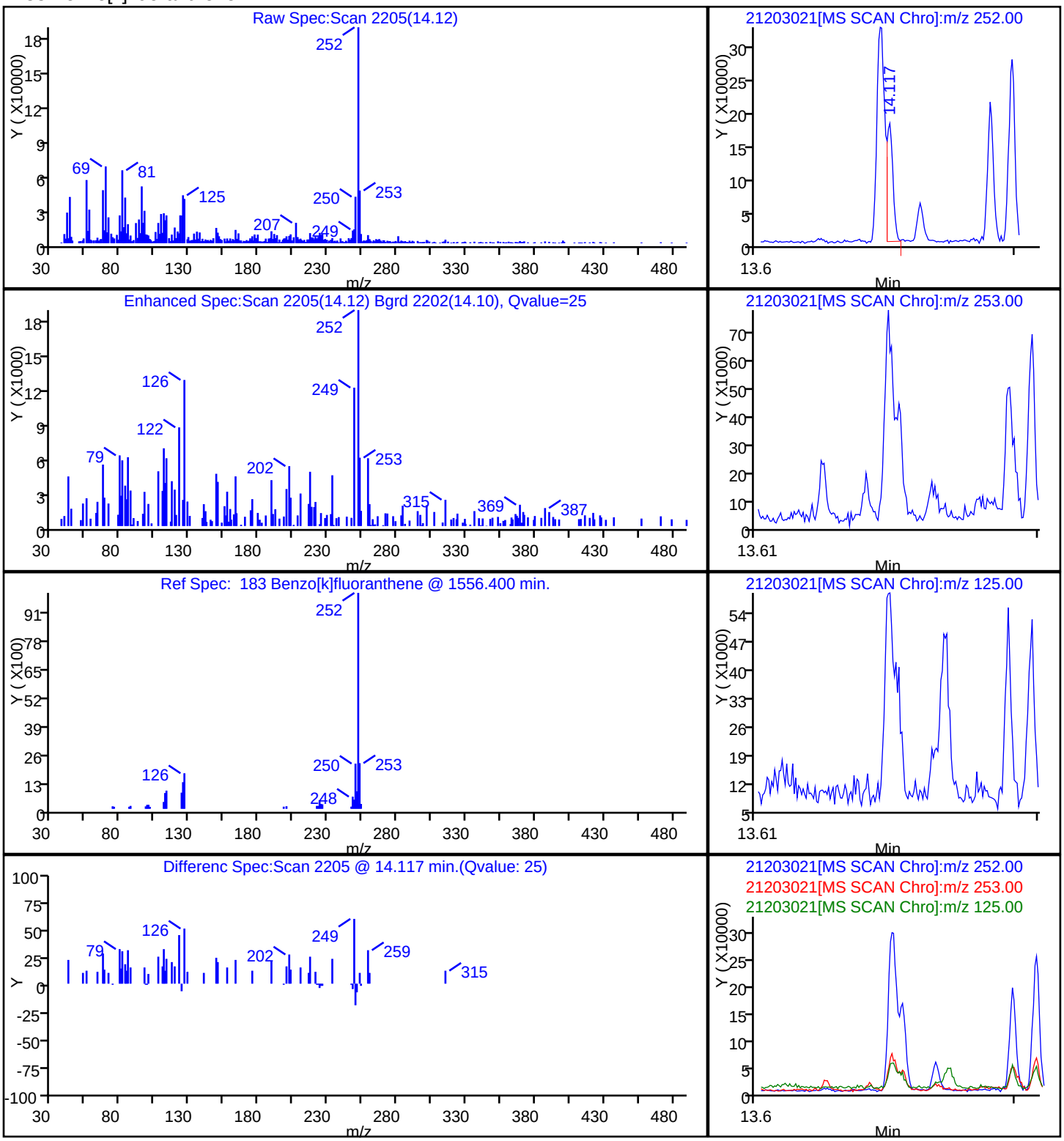
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



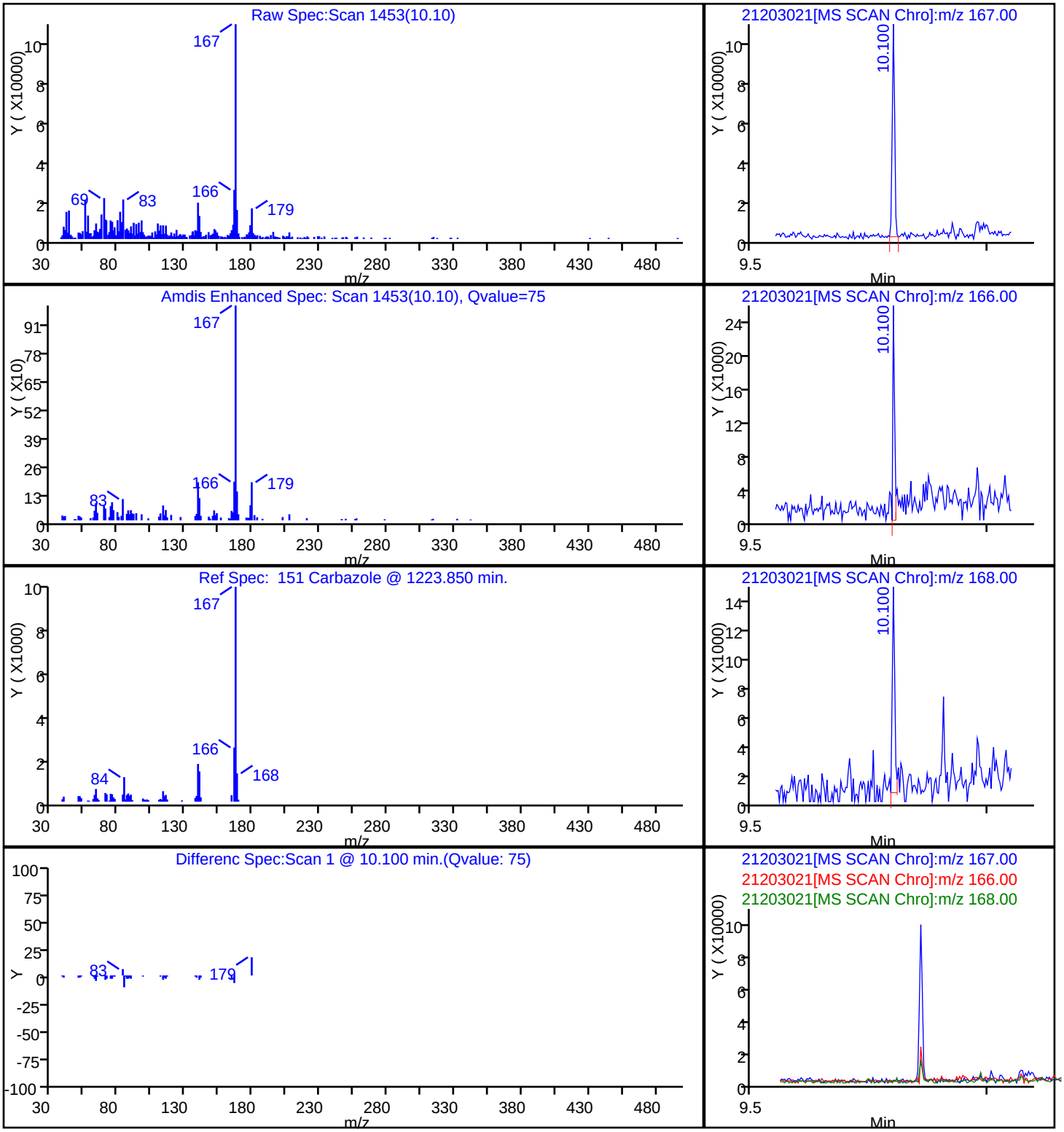
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Carbazole

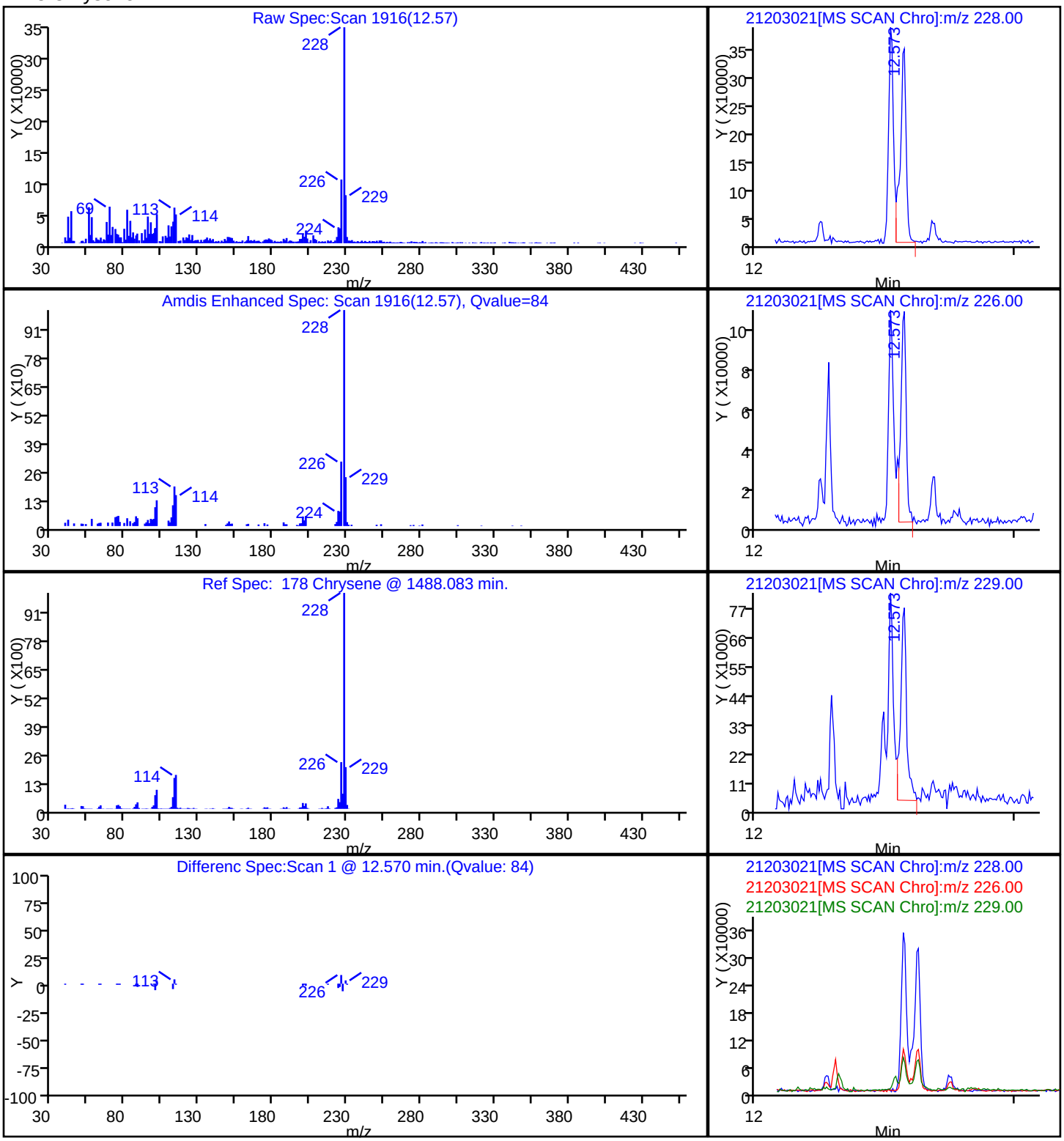


Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D		
Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



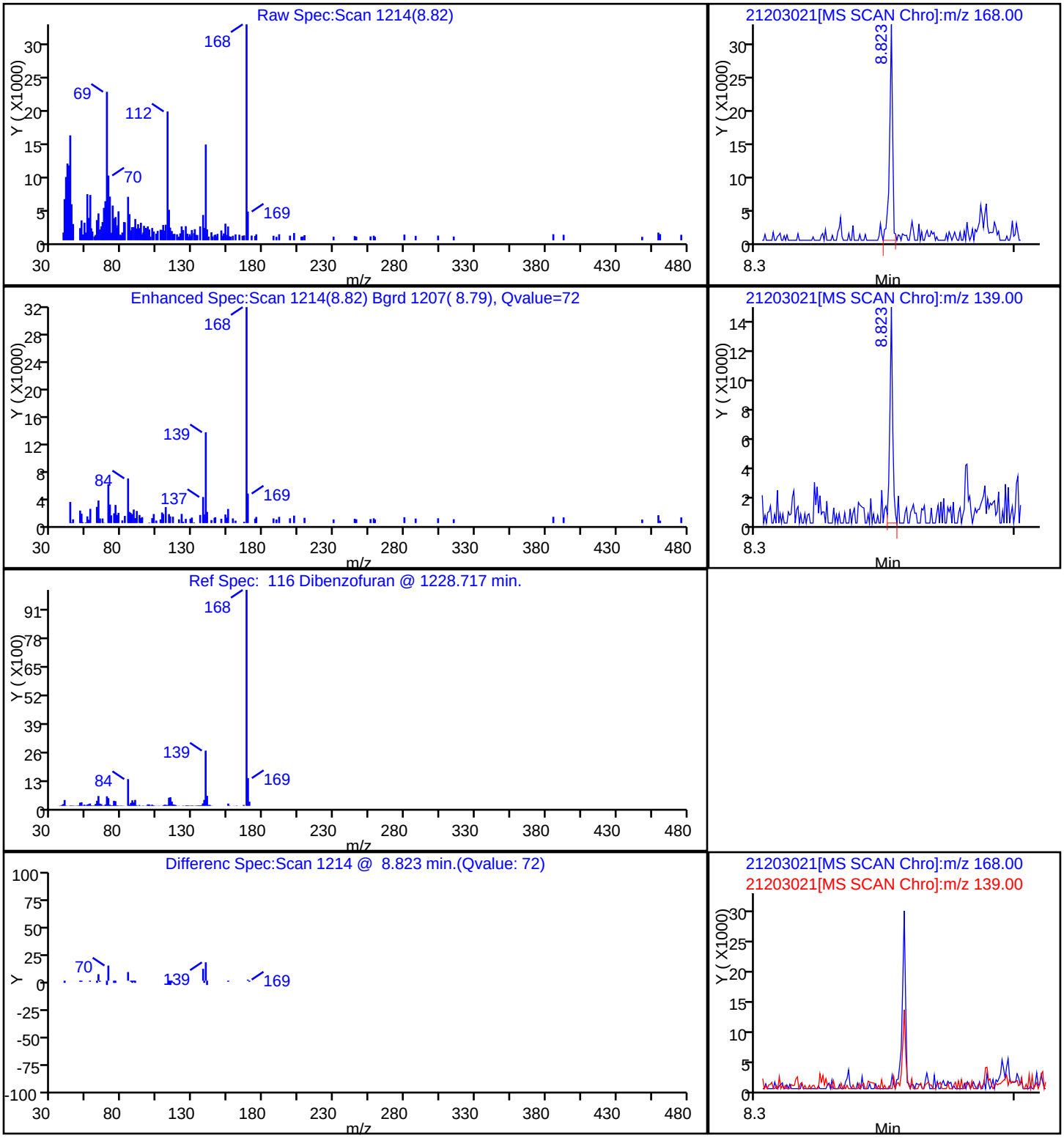
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



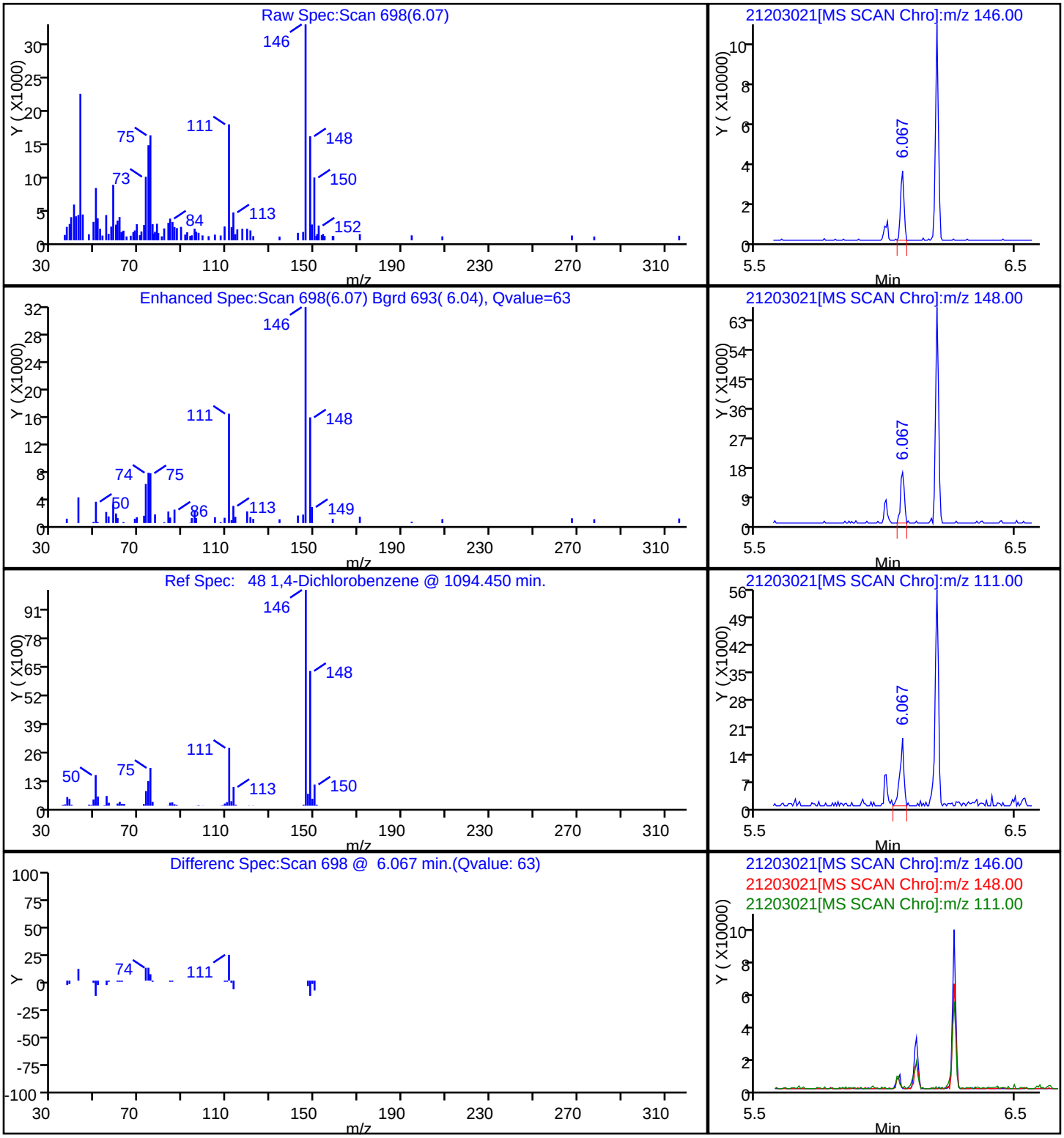
Report Date: 04-Dec-2012 09:30:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

48 1,4-Dichlorobenzene



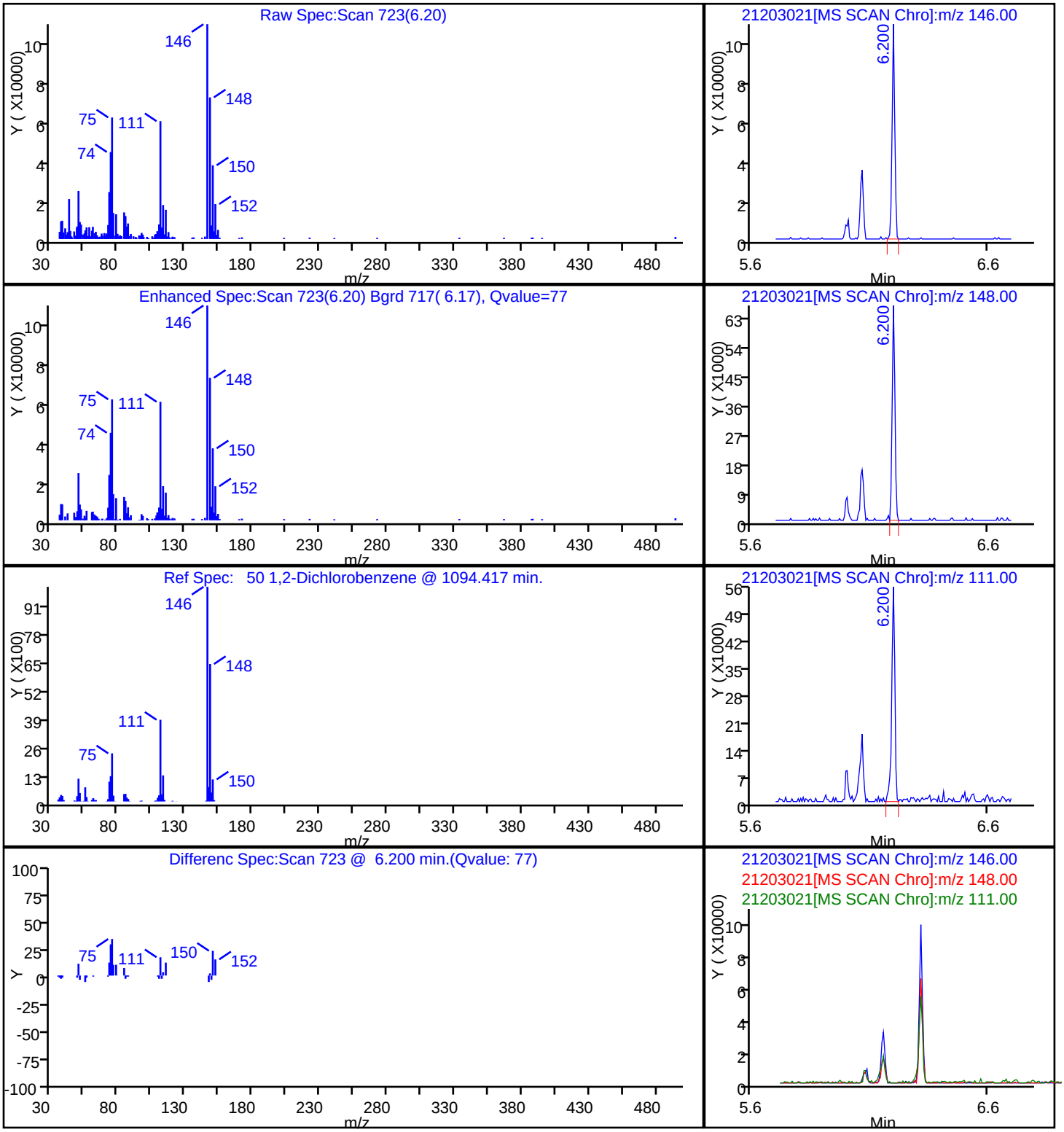
Report Date: 04-Dec-2012 09:30:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

50 1,2-Dichlorobenzene



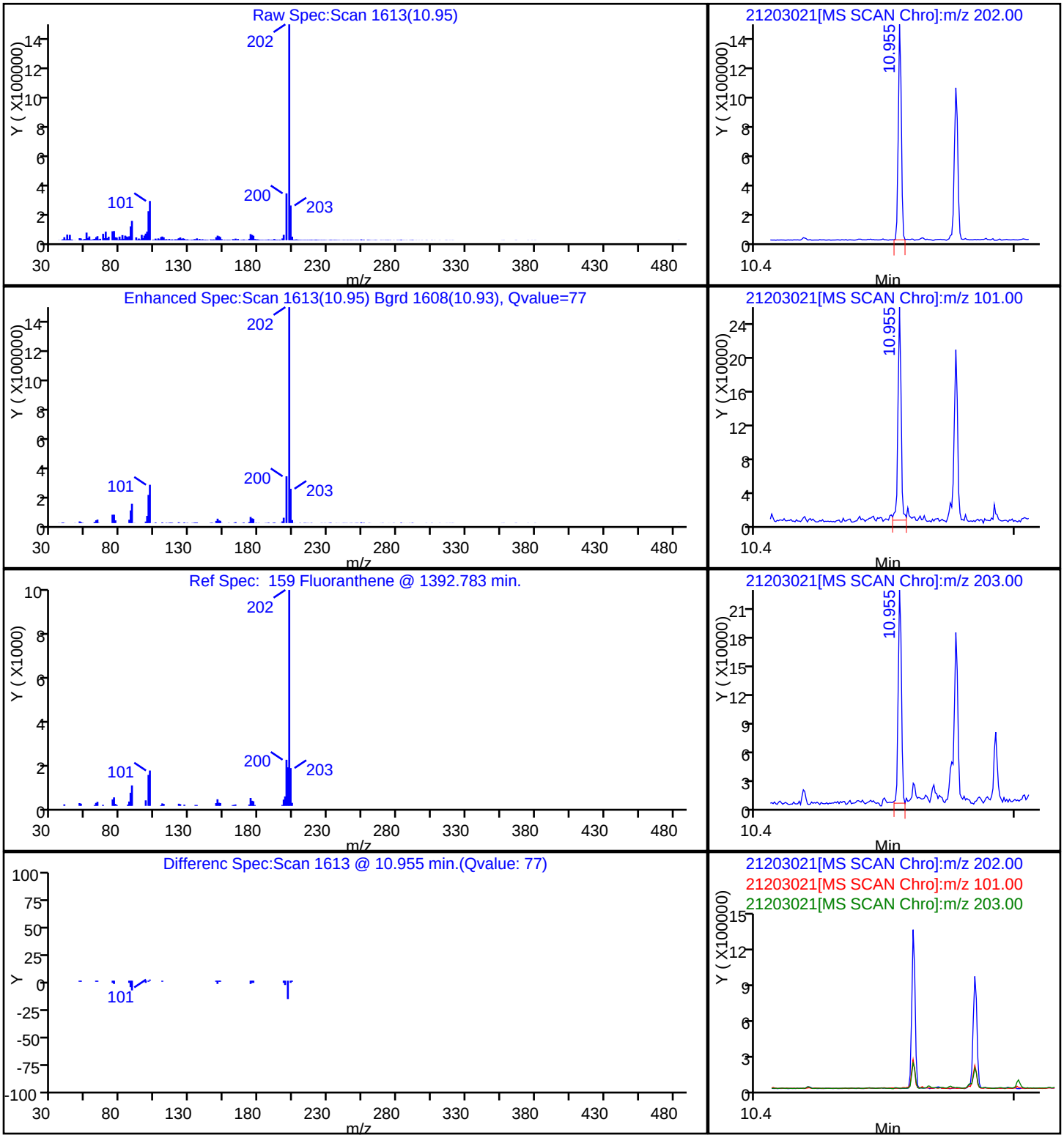
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



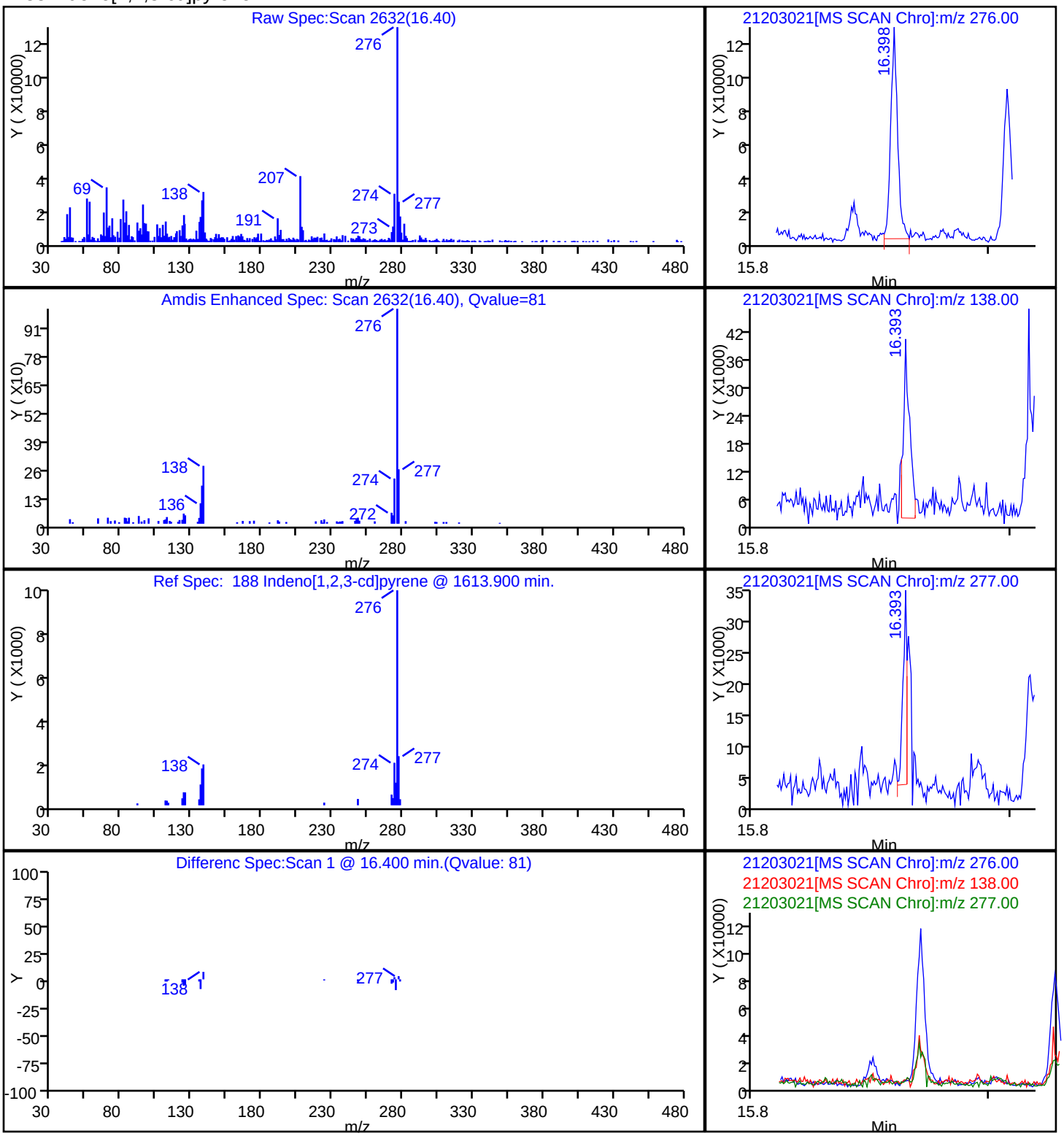
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



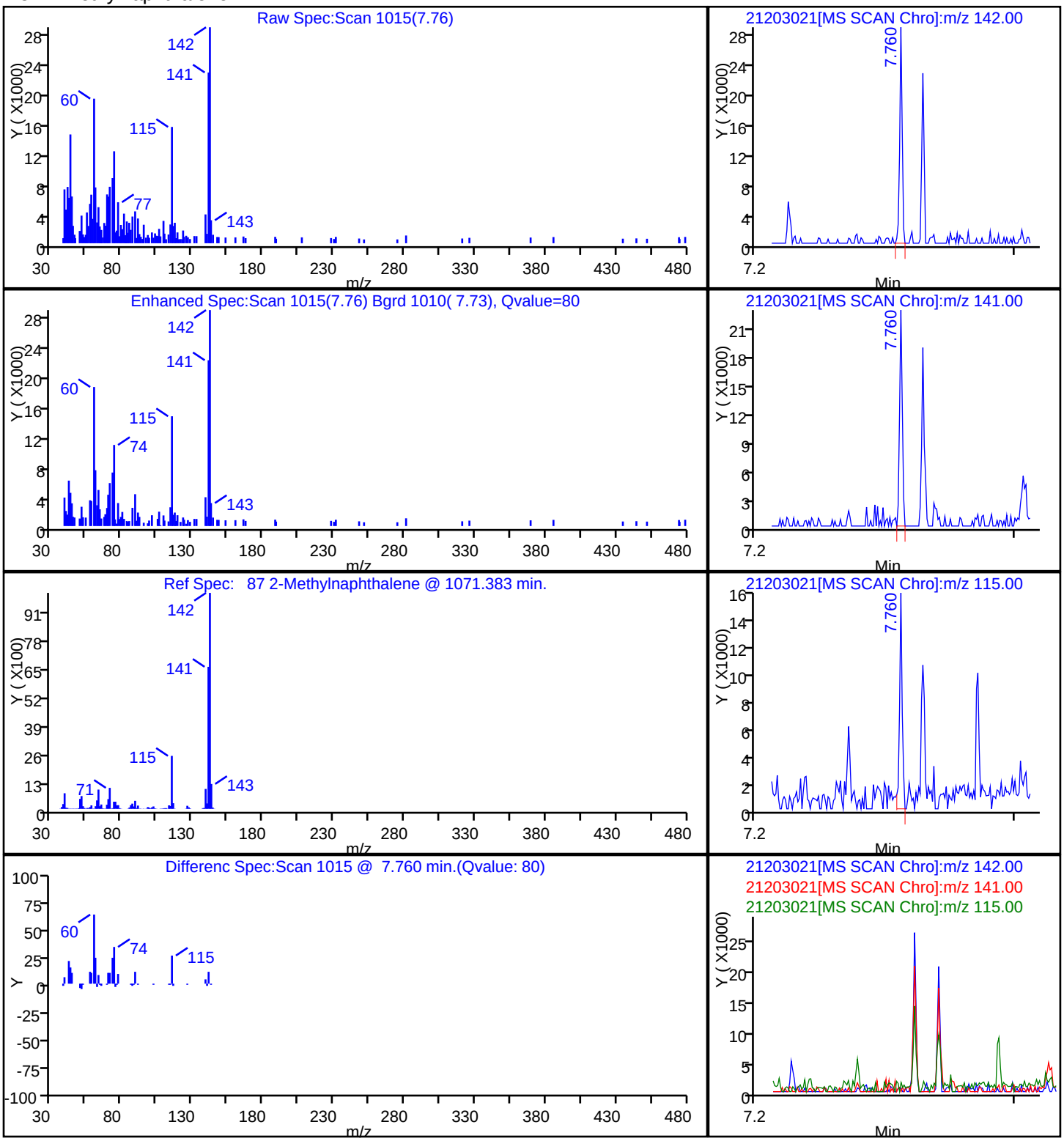
Report Date: 04-Dec-2012 09:30:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene

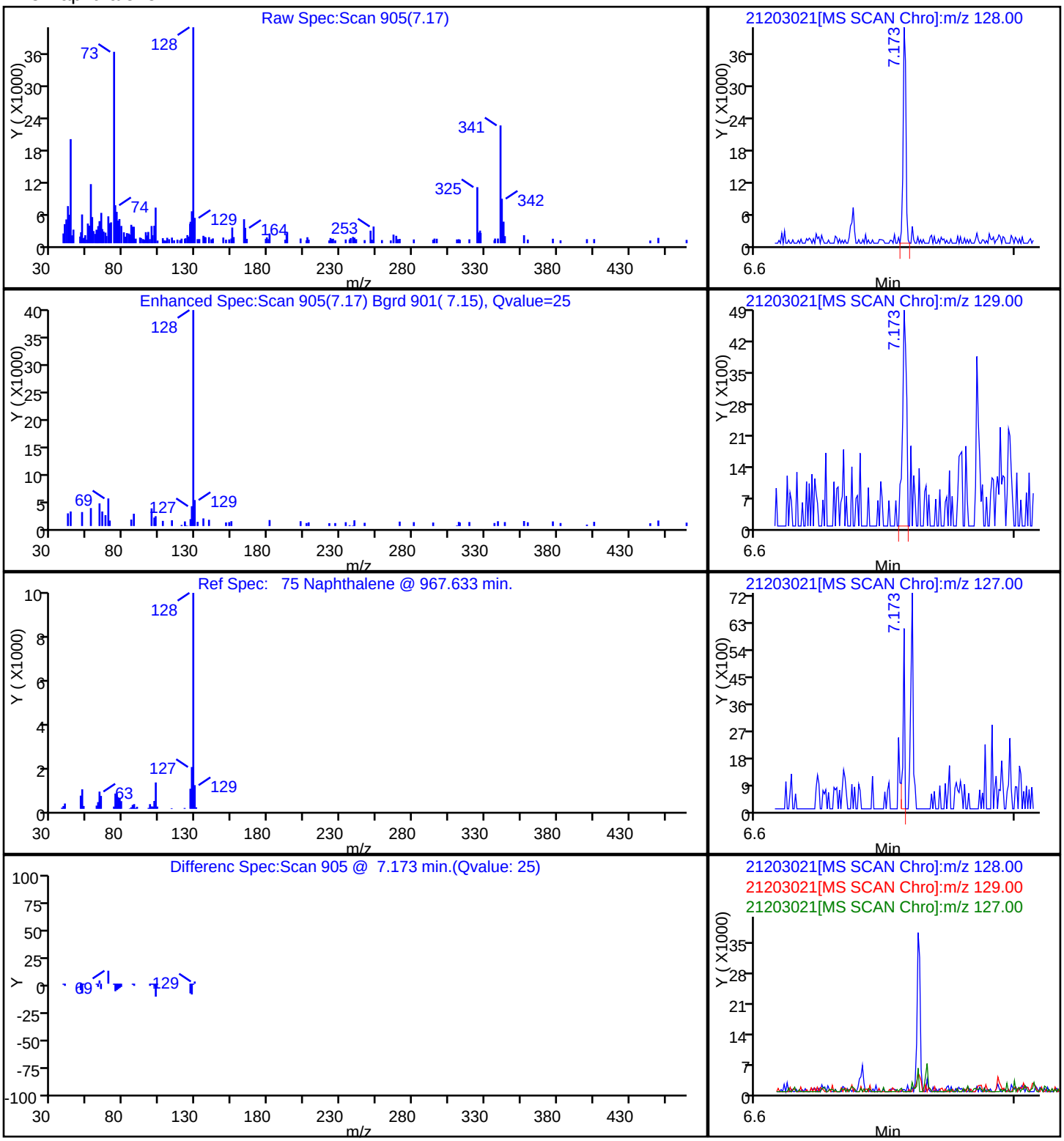


Report Date: 04-Dec-2012 09:30:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D		
Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



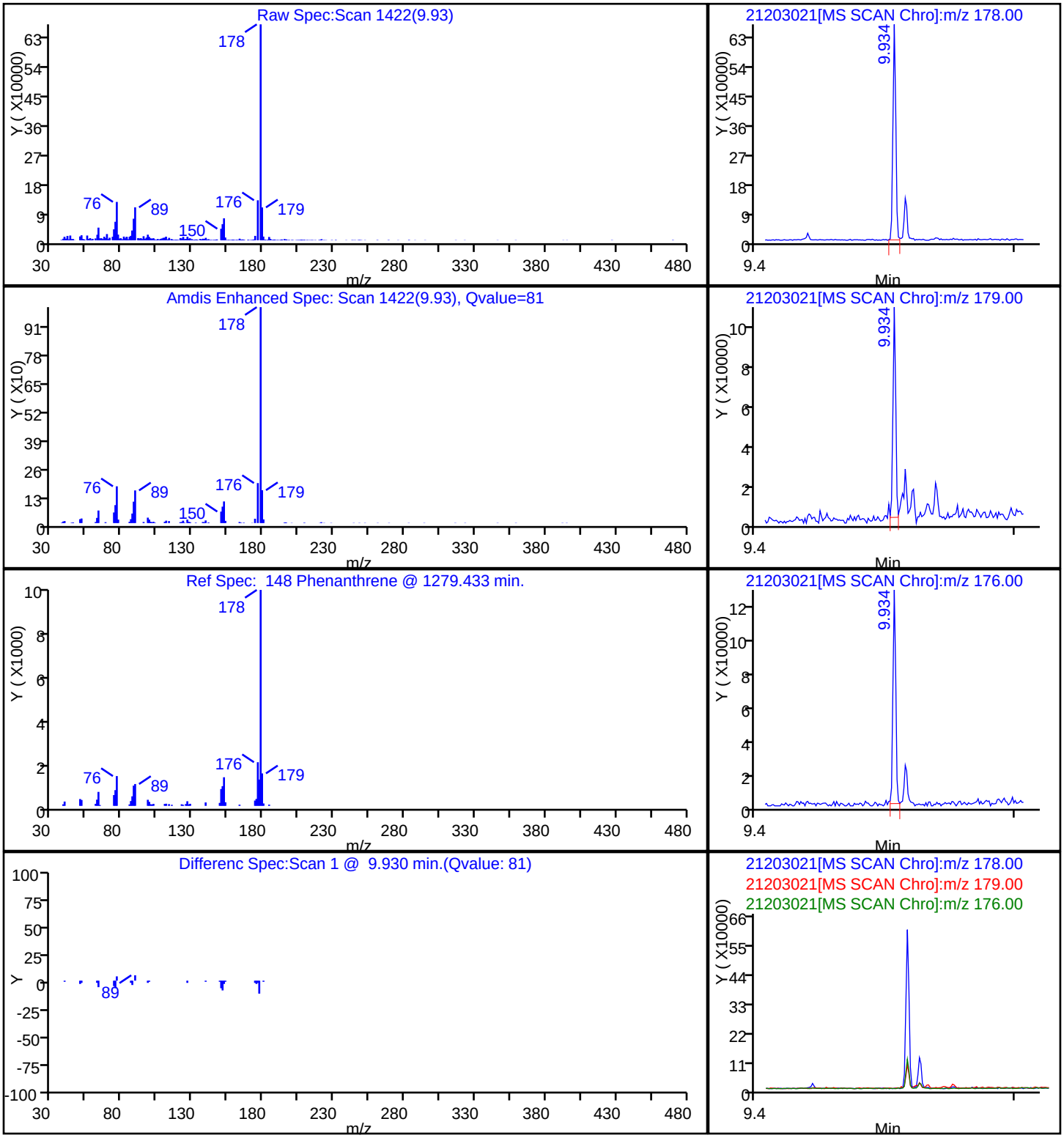
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



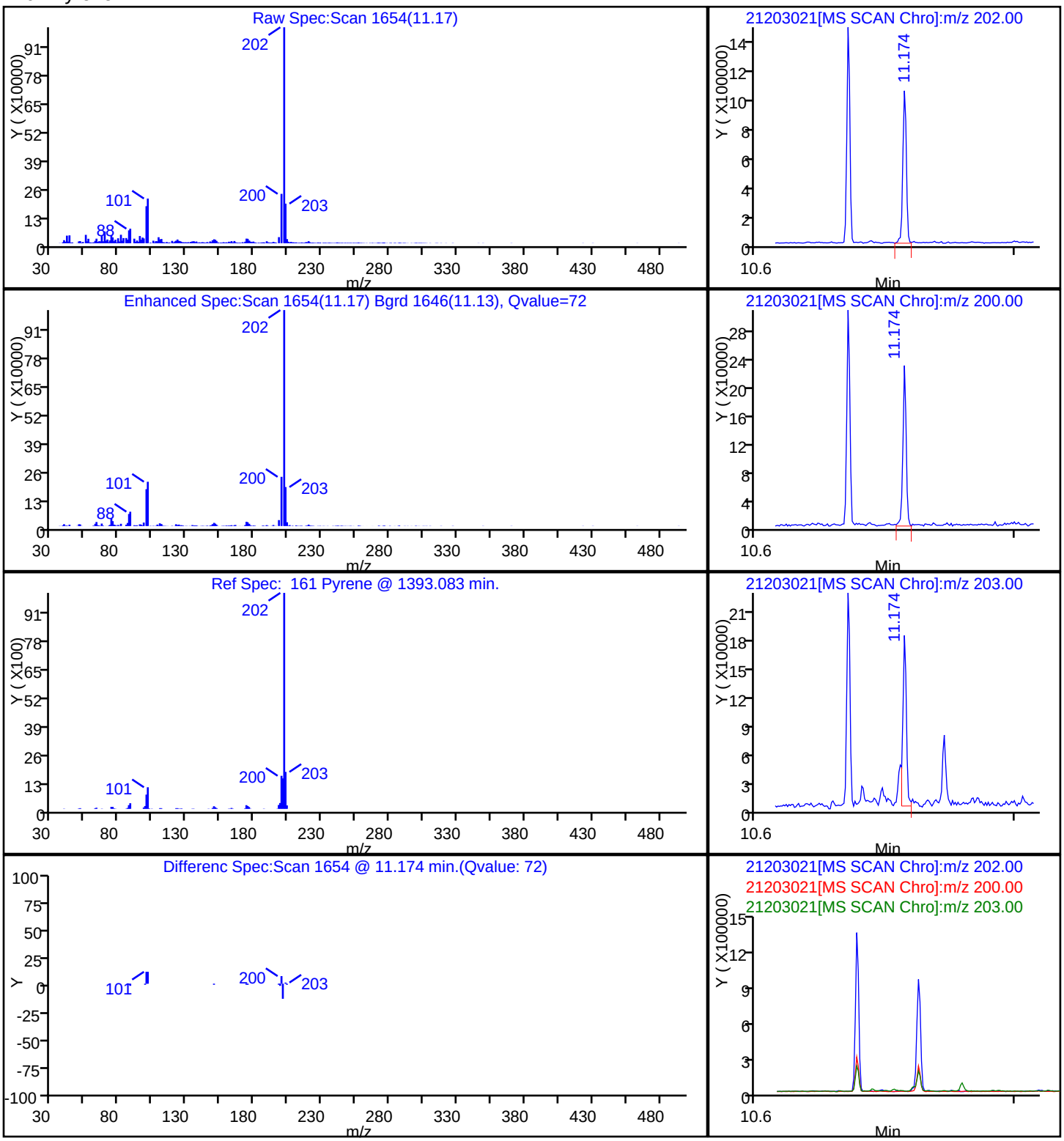
Report Date: 04-Dec-2012 09:30:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203021.D

Injection Date:	03-Dec-2012 19:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD RE | Lab Sample ID: 240-17467-2 RE

Matrix: Solid | Lab File ID: 21211020.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.90(g) | Date Analyzed: 12/11/2012 20:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	27	H	11	5.3	5.3
208-96-8	Acenaphthylene	20	H	11	5.3	5.3
120-12-7	Anthracene	77	H	11	5.3	5.3
56-55-3	Benzo[a]anthracene	140	H	11	5.3	5.3
50-32-8	Benzo[a]pyrene	160	H	11	5.3	5.3
205-99-2	Benzo[b]fluoranthene	200	H	11	5.3	5.3
191-24-2	Benzo[g,h,i]perylene	85	H	11	5.3	5.3
65-85-0	Benzoic acid	530	U H J	1100	530	530
207-08-9	Benzo[k]fluoranthene	83	H	11	5.3	5.3
100-51-6	Benzyl alcohol	43	U H	530	43	33
111-91-1	Bis(2-chloroethoxy)methane	43	U H	160	43	35
111-44-4	Bis(2-chloroethyl)ether	5.3	U H	160	5.3	3.2
108-60-1	bis (2-chloroisopropyl) ether	43	U H J	160	43	15
117-81-7	Bis(2-ethylhexyl) phthalate	43	U H	80	43	30
101-55-3	4-Bromophenyl phenyl ether	43	U H	80	43	21
85-68-7	Butyl benzyl phthalate	43	U H	80	43	16
86-74-8	Carbazole	50	J H	80	43	43
106-47-8	4-Chloroaniline	43	U H	240	43	27
59-50-7	4-Chloro-3-methylphenol	43	U H	240	43	33
91-58-7	2-Chloronaphthalene	5.3	U H	80	5.3	5.3
95-57-8	2-Chlorophenol	43	U H	80	43	43
7005-72-3	4-Chlorophenyl phenyl ether	43	U H	80	43	21
218-01-9	Chrysene	160	H	11	5.3	1.8
53-70-3	Dibenz(a,h)anthracene	22	H	11	5.3	5.3
132-64-9	Dibenzofuran	39	J H	80	5.3	5.3
106-46-7	1,4-Dichlorobenzene	43	U H	80	43	32
95-50-1	1,2-Dichlorobenzene	43	U H	80	43	15
541-73-1	1,3-Dichlorobenzene	43	U H	80	43	18
91-94-1	3,3'-Dichlorobenzidine	130	U H J	160	130	29
120-83-2	2,4-Dichlorophenol	43	U H	240	43	32
84-66-2	Diethyl phthalate	43	U H	80	43	25
105-67-9	2,4-Dimethylphenol	130	U H	240	130	32
131-11-3	Dimethyl phthalate	43	U H	80	43	27
84-74-2	Di-n-butyl phthalate	43	U H	80	43	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD RE | Lab Sample ID: 240-17467-2 RE

Matrix: Solid | Lab File ID: 21211020.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.90(g) | Date Analyzed: 12/11/2012 20:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	*4,6-Dinitro-2-methylphenol*	*130*	*U H*	*240*	130	*130*
51-28-5	*2,4-Dinitrophenol*	*130*	*U H*	*530*	130	*130*
121-14-2	*2,4-Dinitrotoluene*	*43*	*U H*	*320*	43	*43*
606-20-2	*2,6-Dinitrotoluene*	*43*	*U H*	*320*	43	*33*
117-84-0	*Di-n-octyl phthalate*	*43*	*U H*	*80*	43	*43*
206-44-0	*Fluoranthene*	*390*	*H*	*11*	5.3	*5.3*
86-73-7	*Fluorene*	*54*	*H*	*11*	5.3	*5.3*
118-74-1	*Hexachlorobenzene*	*5.3*	*U H*	*11*	5.3	*3.3*
87-68-3	*Hexachlorobutadiene*	*43*	*U H*	*80*	43	*43*
77-47-4	*Hexachlorocyclopentadiene*	*43*	*U H*	*530*	43	*43*
67-72-1	*Hexachloroethane*	*43*	*U H J*	*80*	43	*14*
193-39-5	*Indeno[1,2,3-cd]pyrene*	*74*	*H*	*11*	5.3	*5.3*
78-59-1	*Isophorone*	*43*	*U H*	*80*	43	*21*
91-57-6	*2-Methylnaphthalene*	*24*	*H*	*11*	5.3	*5.3*
95-48-7	*2-Methylphenol*	*130*	*U H*	*320*	130	*130*
15831-10-4	*3 & 4 Methylphenol*	*130*	*U H*	*640*	130	*32*
91-20-3	*Naphthalene*	*41*	*H*	*11*	5.3	*5.3*
88-74-4	*2-Nitroaniline*	*43*	*U H*	*320*	43	*14*
99-09-2	*3-Nitroaniline*	*130*	*U H J*	*320*	130	*25*
100-01-6	*4-Nitroaniline*	*43*	*U H J*	*320*	43	*41*
98-95-3	*Nitrobenzene*	*5.3*	*U H J*	*160*	5.3	*3.5*
88-75-5	*2-Nitrophenol*	*43*	*U H*	*80*	43	*43*
100-02-7	*4-Nitrophenol*	*130*	*U H*	*530*	130	*130*
621-64-7	*N-Nitrosodi-n-propylamine*	*43*	*U H*	*80*	43	*43*
86-30-6	*N-Nitrosodiphenylamine*	*43*	*U H*	*80*	43	*33*
87-86-5	*Pentachlorophenol*	*130*	*U H*	*240*	130	*130*
85-01-8	*Phenanthrene*	*330*	*H*	*11*	5.3	*5.3*
108-95-2	*Phenol*	*43*	*U H*	*80*	43	*43*
129-00-0	*Pyrene*	*280*	*H*	*11*	5.3	*5.3*
120-82-1	*1,2,4-Trichlorobenzene*	*43*	*U H*	*80*	43	*43*
95-95-4	*2,4,5-Trichlorophenol*	*43*	*U H*	*240*	43	*40*
88-06-2	*2,4,6-Trichlorophenol*	*130*	*U H*	*240*	130	*130*

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD RE | Lab Sample ID: 240-17467-2 RE

Matrix: Solid | Lab File ID: 21211020.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.90(g) | Date Analyzed: 12/11/2012 20:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	48		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
1718-51-0	Terphenyl-d14 (Surr)	71		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125
4165-62-2	Phenol-d5 (Surr)	62		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211020.D
Lims ID: 240-17467-L-2-G Client ID: 075SD-0002-0001-SD
Inject. Date: 11-Dec-2012 20:30:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015722-020
Misc. Info.: 240-17467-L-2-G =240-17467-L-2-G
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 68161 Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 08:51:59 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 08:32:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.100	6.099	0.001	90	101188	4.00	
* 2 Naphthalene-d8	136	7.206	7.205	0.001	98	383008	4.00	
* 3 Acenaphthene-d10	164	8.701	8.706	-0.005	78	245216	4.00	
* 4 Phenanthrene-d10	188	9.968	9.972	-0.004	77	408280	4.00	
* 5 Chrysene-d12	240	12.612	12.622	-0.010	74	425024	4.00	
* 6 Perylene-d12	264	14.781	14.791	-0.010	90	323538	4.00	
$ 7 2-Fluorophenol	112	4.893	4.881	0.012	92	330527	8.94	
$ 8 Phenol-d5	99	5.737	5.736	0.001	0	497428	9.28	
$ 9 Nitrobenzene-d5	82	6.575	6.580	-0.005	85	337105	5.19	
$ 10 2-Fluorobiphenyl (Surr)	172	8.109	8.113	-0.005	94	457516	4.84	
$ 11 2,4,6-Tribromophenol	330	9.369	9.369	0.0	85	80844	10.9	
$ 12 Terphenyl-d14	244	11.351	11.356	-0.005	94	606391	7.10	
43 Phenol	94		5.747					9
69 Bis(2-chloroethyl)ether	93		5.848					9
46 2-Chlorophenol	128		5.907					9
47 1,3-Dichlorobenzene	146		6.051					9
48 1,4-Dichlorobenzene	146		6.115					9
49 Benzyl alcohol	108	6.201	6.206	-0.005	55	5311	0.2008	
50 1,2-Dichlorobenzene	146		6.254					9
51 2-Methylphenol	108		6.286					9
53 2,2'-oxybis[1-chloropropane]	45		6.324					
21 3 & 4 Methylphenol	108		6.414					9
57 N-Nitrosodi-n-propylamine	70		6.430					
61 Hexachloroethane	117		6.553					
62 Nitrobenzene	77		6.596					
64 Isophorone	82		6.794					
66 2-Nitrophenol	139		6.869					
65 2,4-Dimethylphenol	107		6.879					9
71 Benzoic acid	122	6.891	6.933	-0.043	80	33473	2.63	
70 Bis(2-chloroethoxy)methane	93		6.965					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		7.066					9
74 1,2,4-Trichlorobenzene	180		7.152					
75 Naphthalene	128	7.222	7.226	-0.004	61	37485	0.3838	
76 4-Chloroaniline	127		7.253					9
79 Hexachlorobutadiene	225		7.317					
86 4-Chloro-3-methylphenol	107		7.643					9
87 2-Methylnaphthalene	142	7.809	7.814	-0.005	69	14666	0.2233	
89 Hexachlorocyclopentadiene	237		7.942					
92 2,4,6-Trichlorophenol	196		8.038					9
93 2,4,5-Trichlorophenol	196		8.071					9
100 2-Chloronaphthalene	162		8.231					9
102 2-Nitroaniline	65		8.300					
105 Dimethyl phthalate	163		8.439					9
107 2,6-Dinitrotoluene	165		8.498					
109 Acenaphthylene	152	8.584	8.589	-0.005	90	19955	0.1869	
110 3-Nitroaniline	138		8.647					
112 Acenaphthene	153	8.728	8.733	-0.005	72	17460	0.2535	
111 2,4-Dinitrophenol	184		8.733					
113 4-Nitrophenol	109		8.749					
114 2,4-Dinitrotoluene	165		8.840					9
116 Dibenzofuran	168	8.872	8.877	-0.005	83	34560	0.3686	
121 Diethyl phthalate	149		9.032					9
123 4-Chlorophenyl phenyl ether	204		9.150					9
125 4-Nitroaniline	138		9.166					9
126 Fluorene	166	9.166	9.171	-0.005	66	40153	0.5088	
128 4,6-Dinitro-2-methylphenol	198		9.187					9
131 N-Nitrosodiphenylamine	169		9.246					
139 4-Bromophenyl phenyl ether	248		9.572					
141 Hexachlorobenzene	284		9.636					
143 Pentachlorophenol	266		9.796					9
148 Phenanthrene	178	9.989	9.994	-0.005	84	349836	3.13	
149 Anthracene	178	10.032	10.036	-0.004	88	78183	0.7259	
151 Carbazole	167	10.155	10.159	-0.004	75	47720	0.4688	
154 Di-n-butyl phthalate	149		10.410					
159 Fluoranthene	202	11.015	11.019	-0.004	81	442055	3.70	
161 Pyrene	202	11.239	11.244	-0.005	73	335961	2.63	
168 Butyl benzyl phthalate	149		11.858					
175 3,3'-Dichlorobenzidine	252		12.542					9
173 Bis(2-ethylhexyl) phthalate	149	12.559	12.563	-0.005	63	16648	0.2162	
177 Benzo[a]anthracene	228	12.601	12.606	-0.005	78	160235	1.36	
178 Chrysene	228	12.649	12.659	-0.010	79	158726	1.46	
180 Di-n-octyl phthalate	149		13.514					
182 Benzo[b]fluoranthene	252	14.177	14.182	-0.005	76	185499	1.85	
183 Benzo[k]fluoranthene	252	14.209	14.225	-0.016	1	77972	0.7833	
184 Benzo[a]pyrene	252	14.690	14.700	-0.010	61	133493	1.48	
188 Indeno[1,2,3-cd]pyrene	276	16.528	16.543	-0.015	72	69271	0.6982	
189 Dibenz(a,h)anthracene	278	16.544	16.570	-0.026	1	17425	0.2082	
190 Benzo[g,h,i]perylene	276	17.019	17.035	-0.016	72	66086	0.8038	

QC Flag Legend

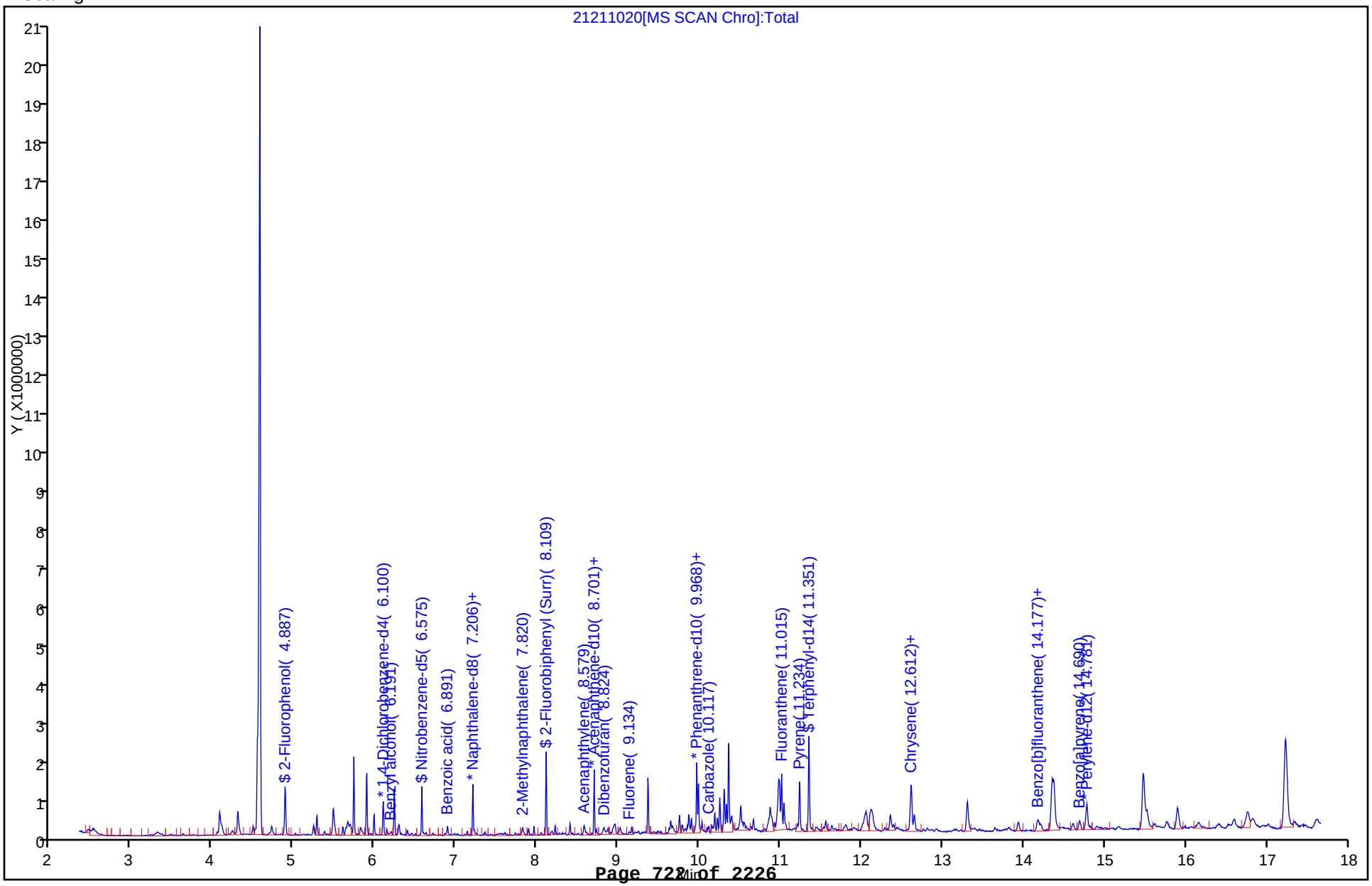
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 12-Dec-2012 08:52:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211020.D		
Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



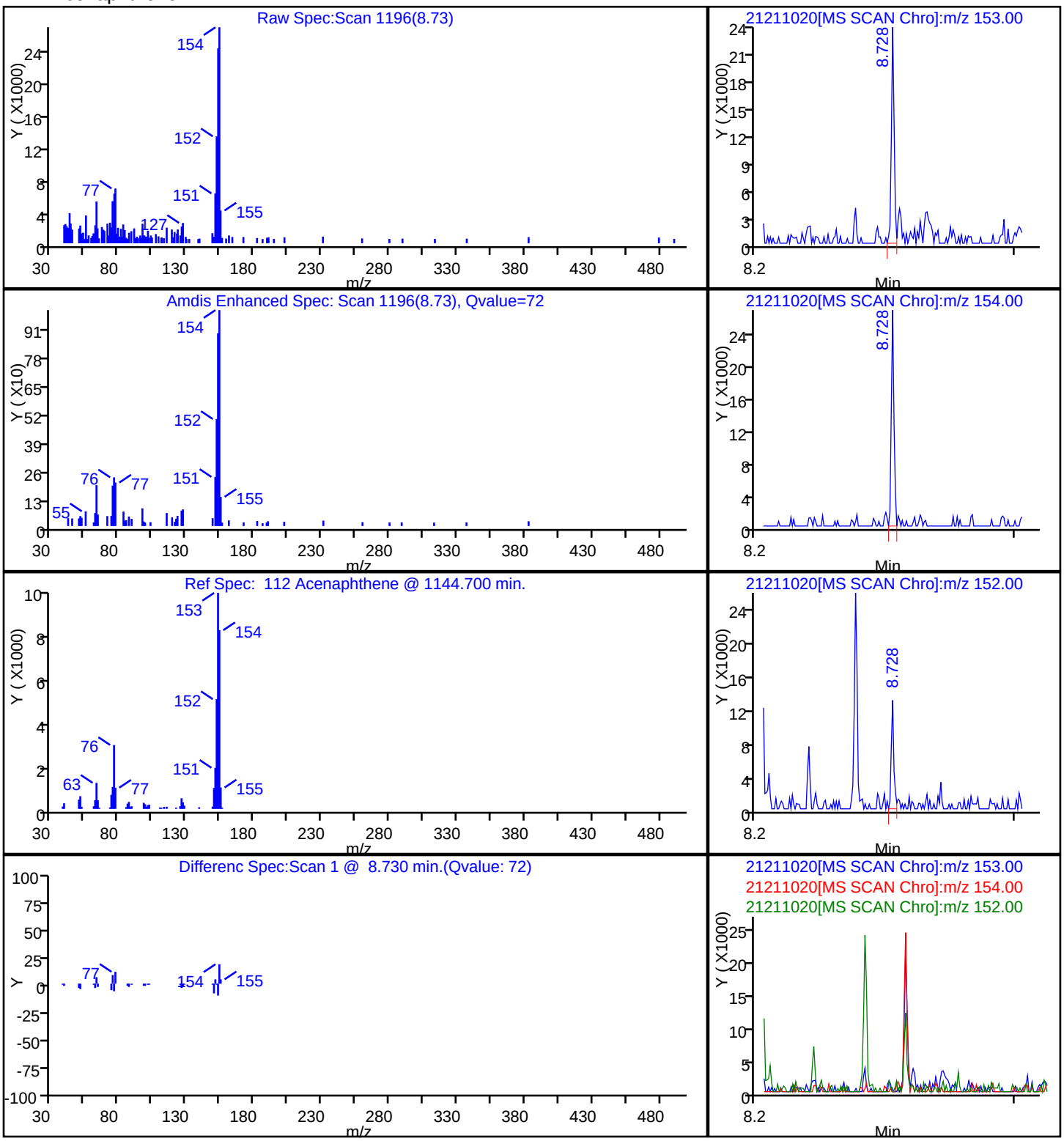
Report Date: 12-Dec-2012 08:52:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



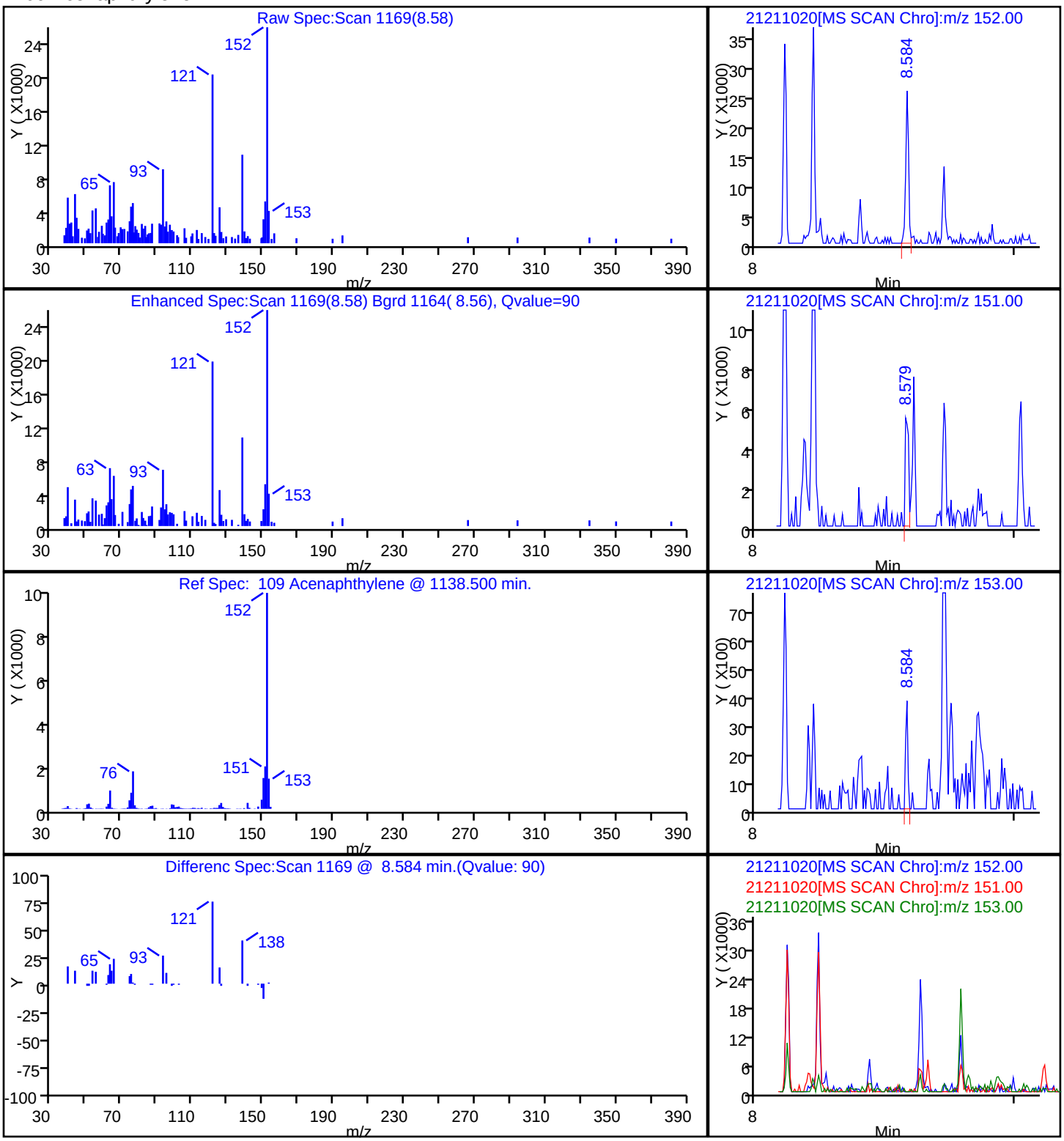
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TestAmerica Canton

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Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
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109 Acenaphthylene

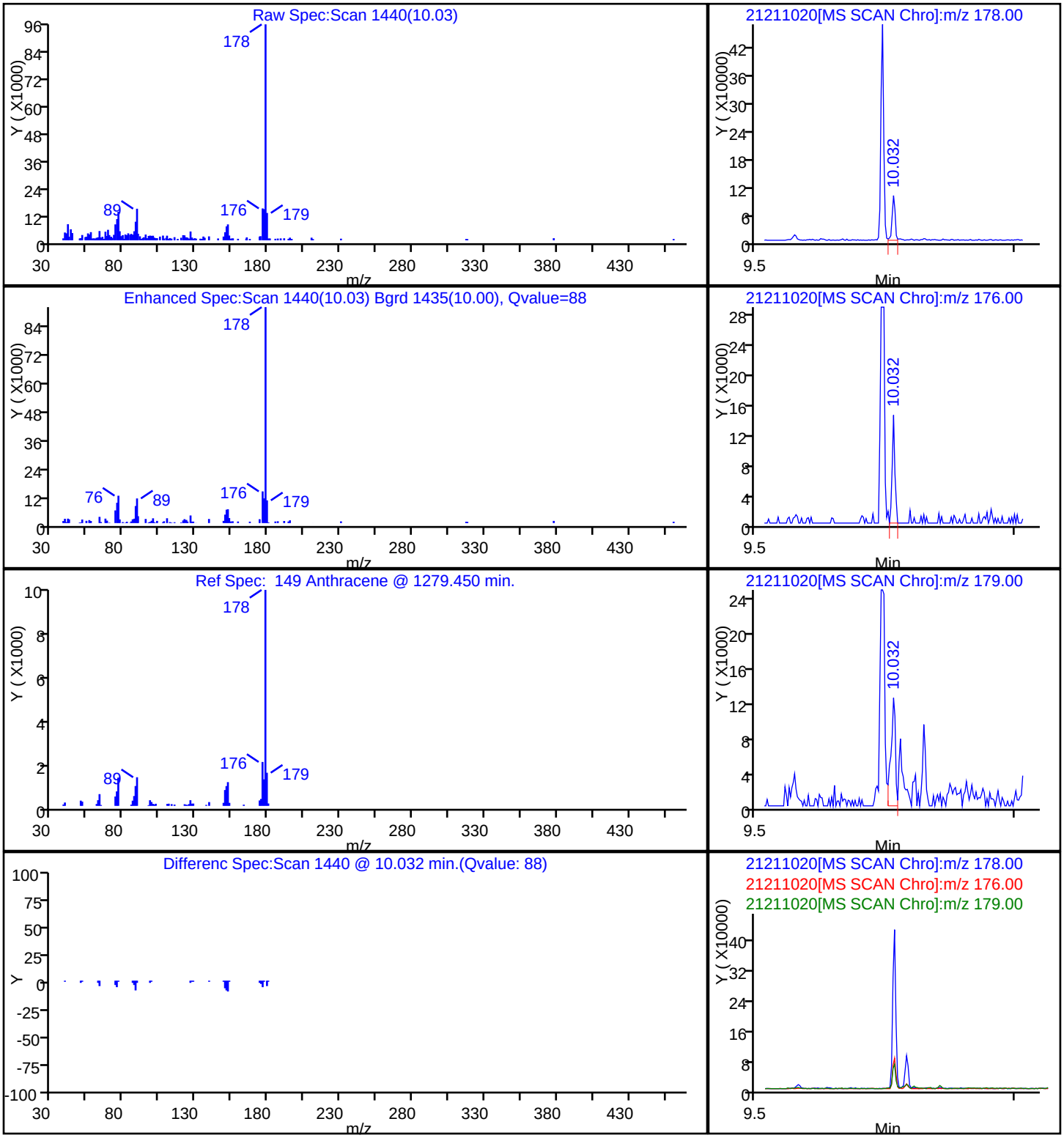


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TestAmerica Canton

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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
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149 Anthracene



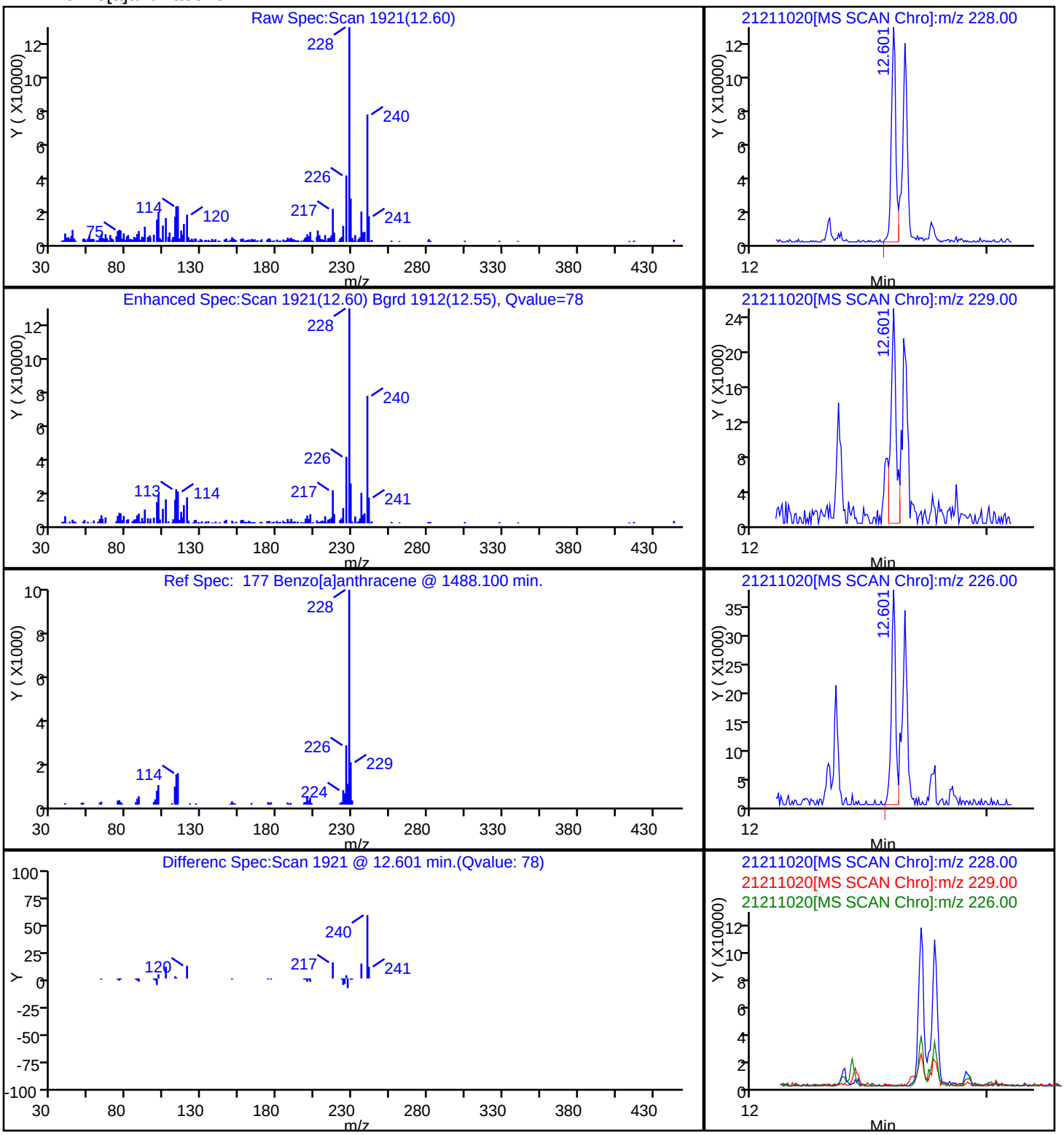
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TestAmerica Canton

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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



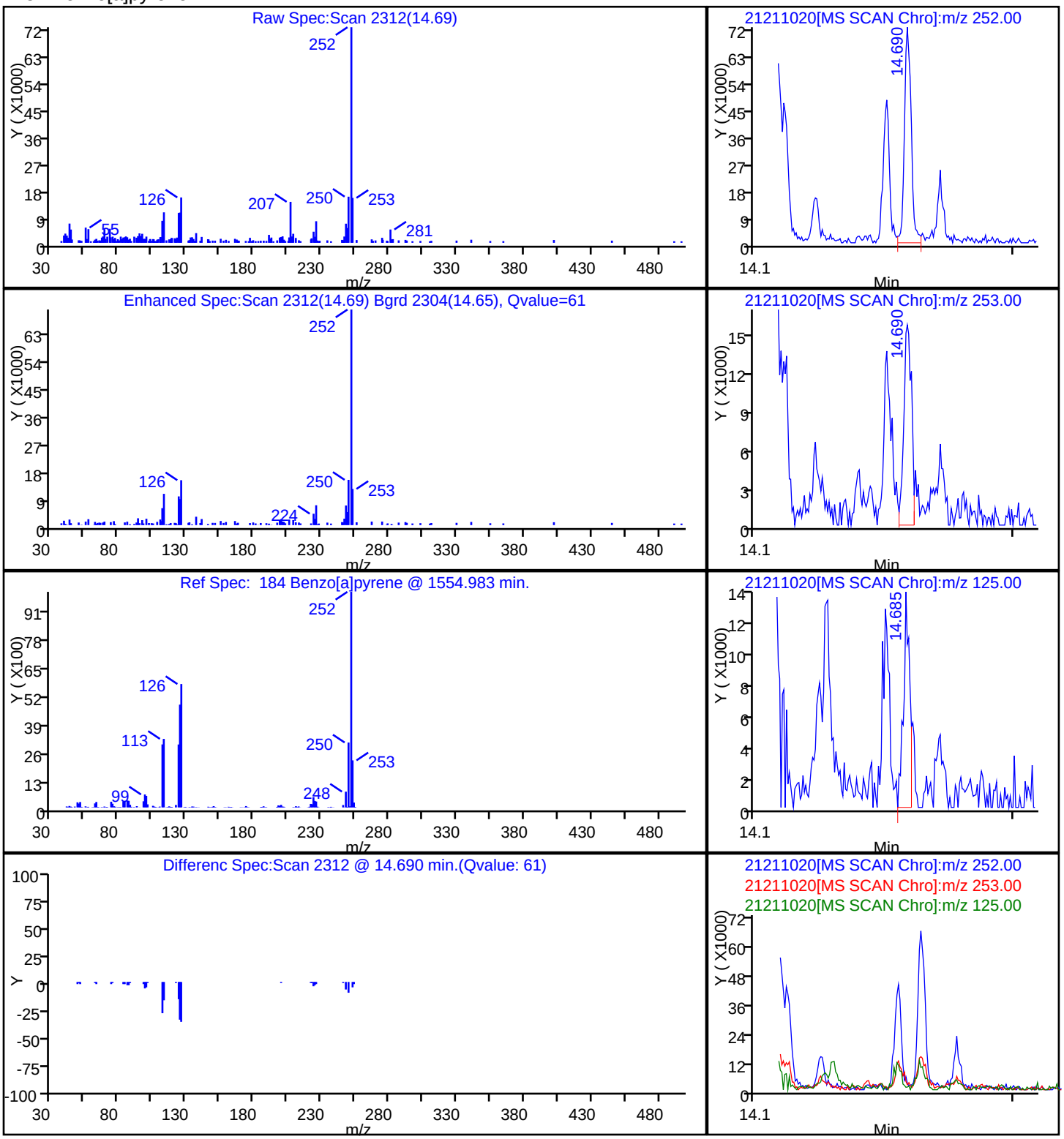
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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



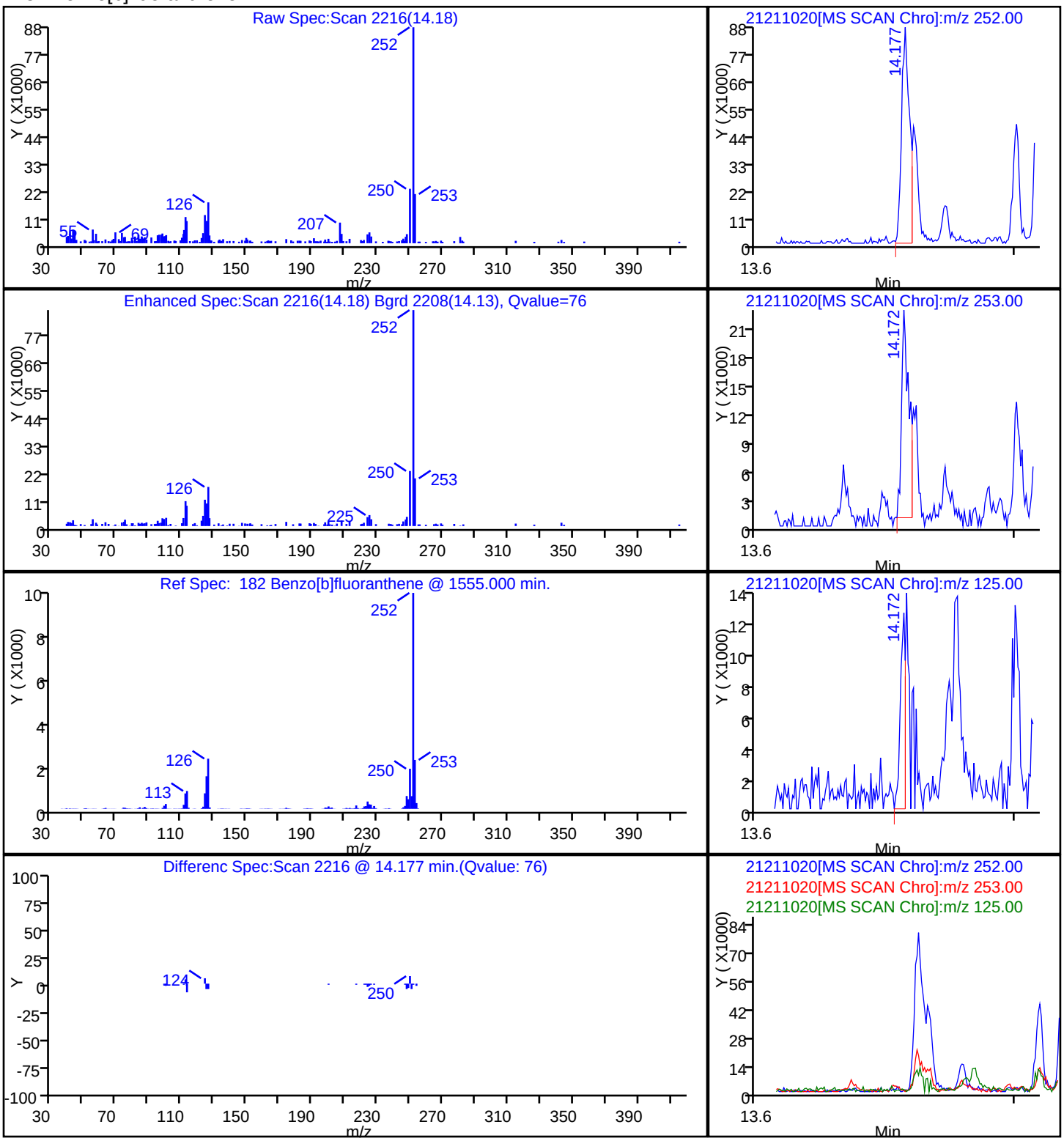
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TestAmerica Canton

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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



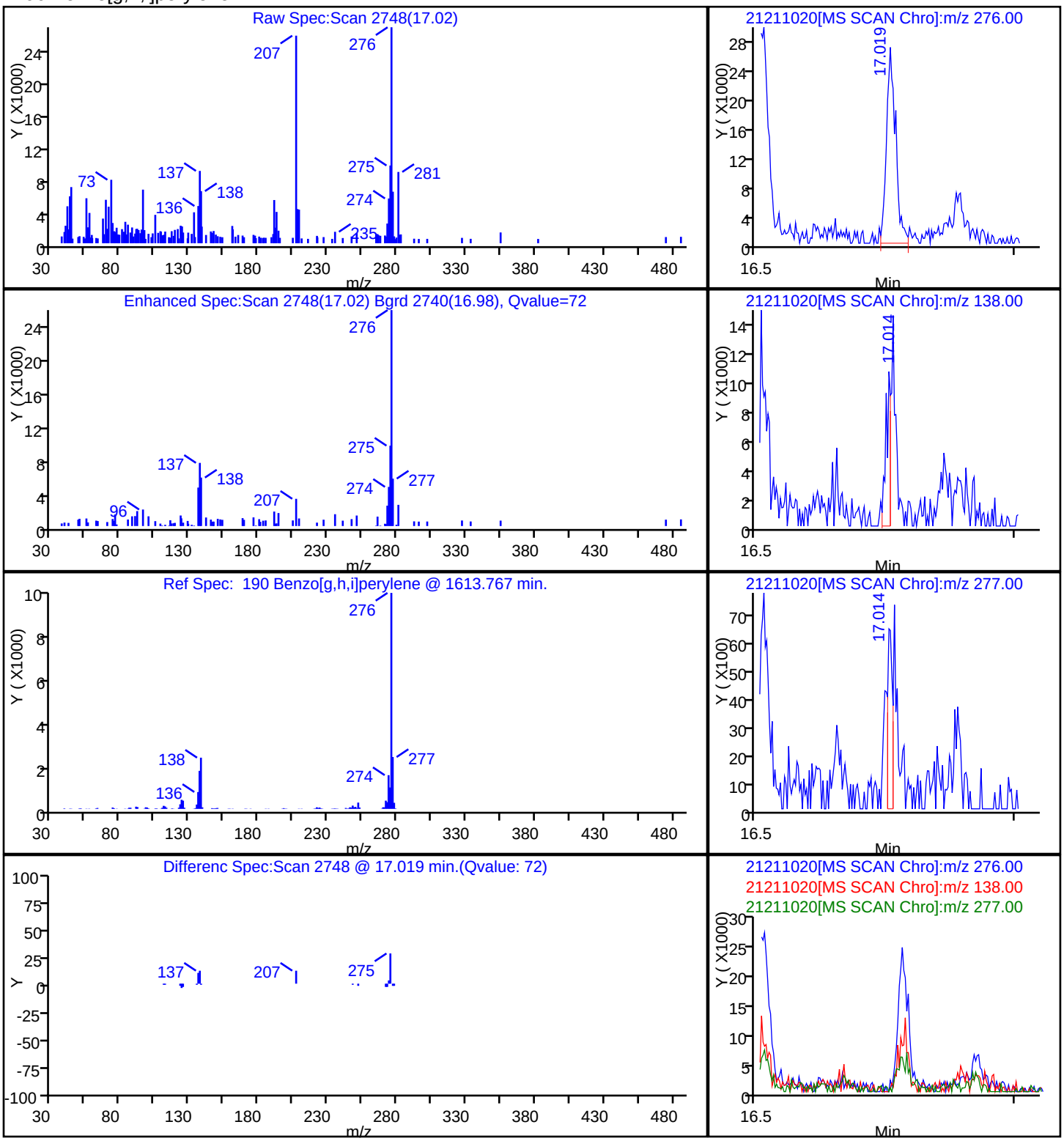
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Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



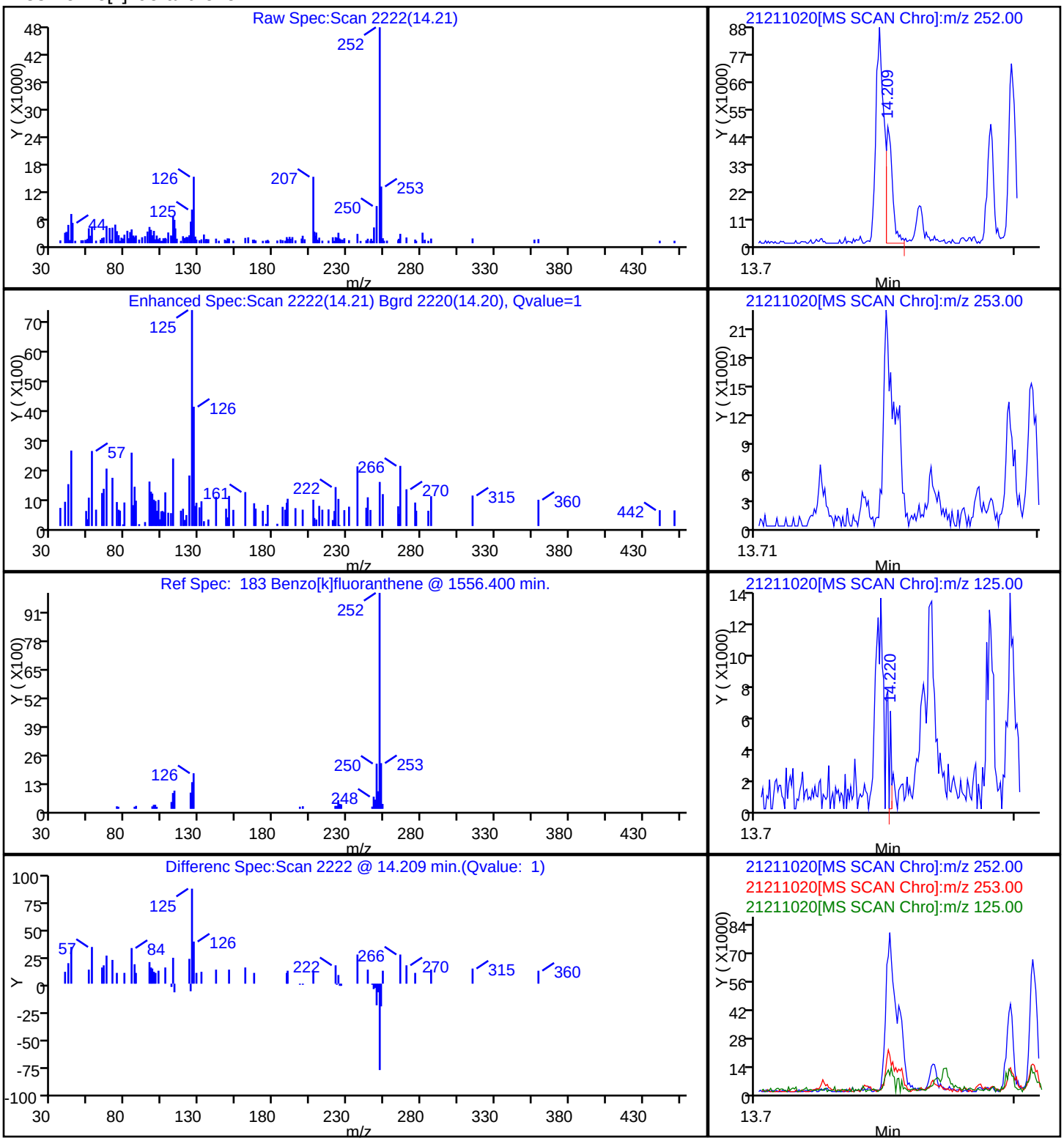
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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



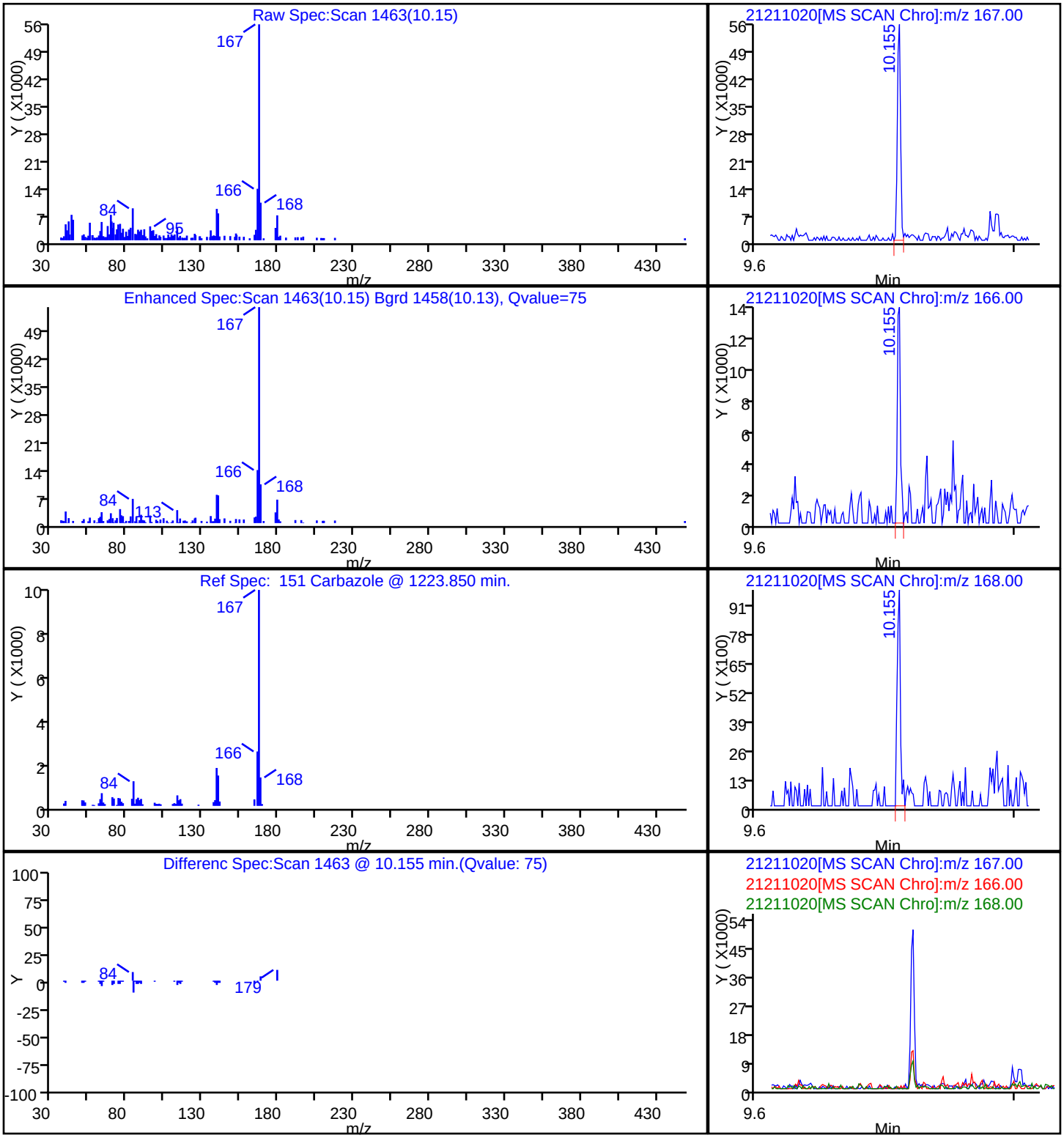
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Operator ID:	001574	Injection Vol:	1.0 ul
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151 Carbazole



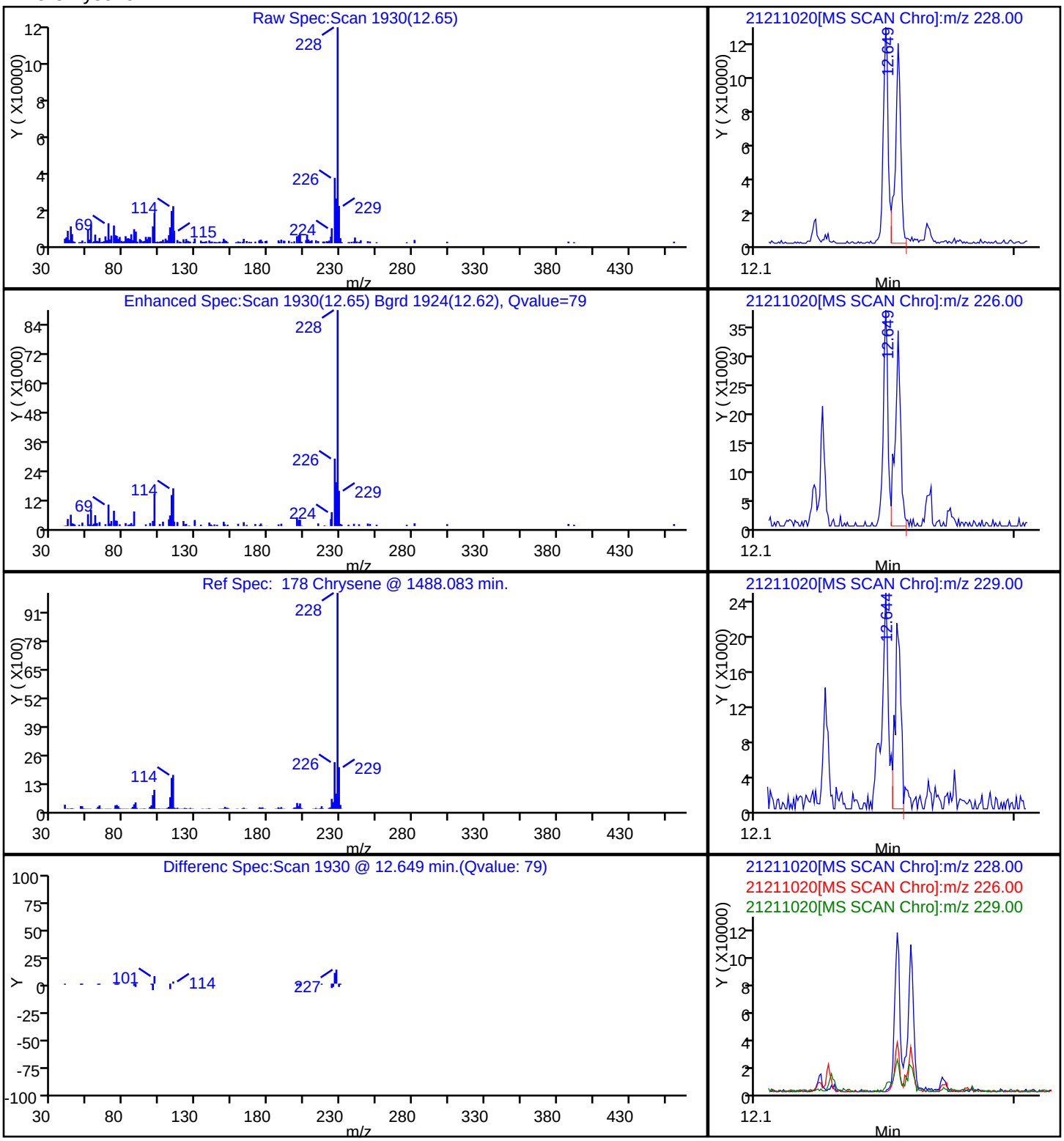
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TestAmerica Canton

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Operator ID:	001574	Injection Vol:	1.0 ul
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178 Chrysene



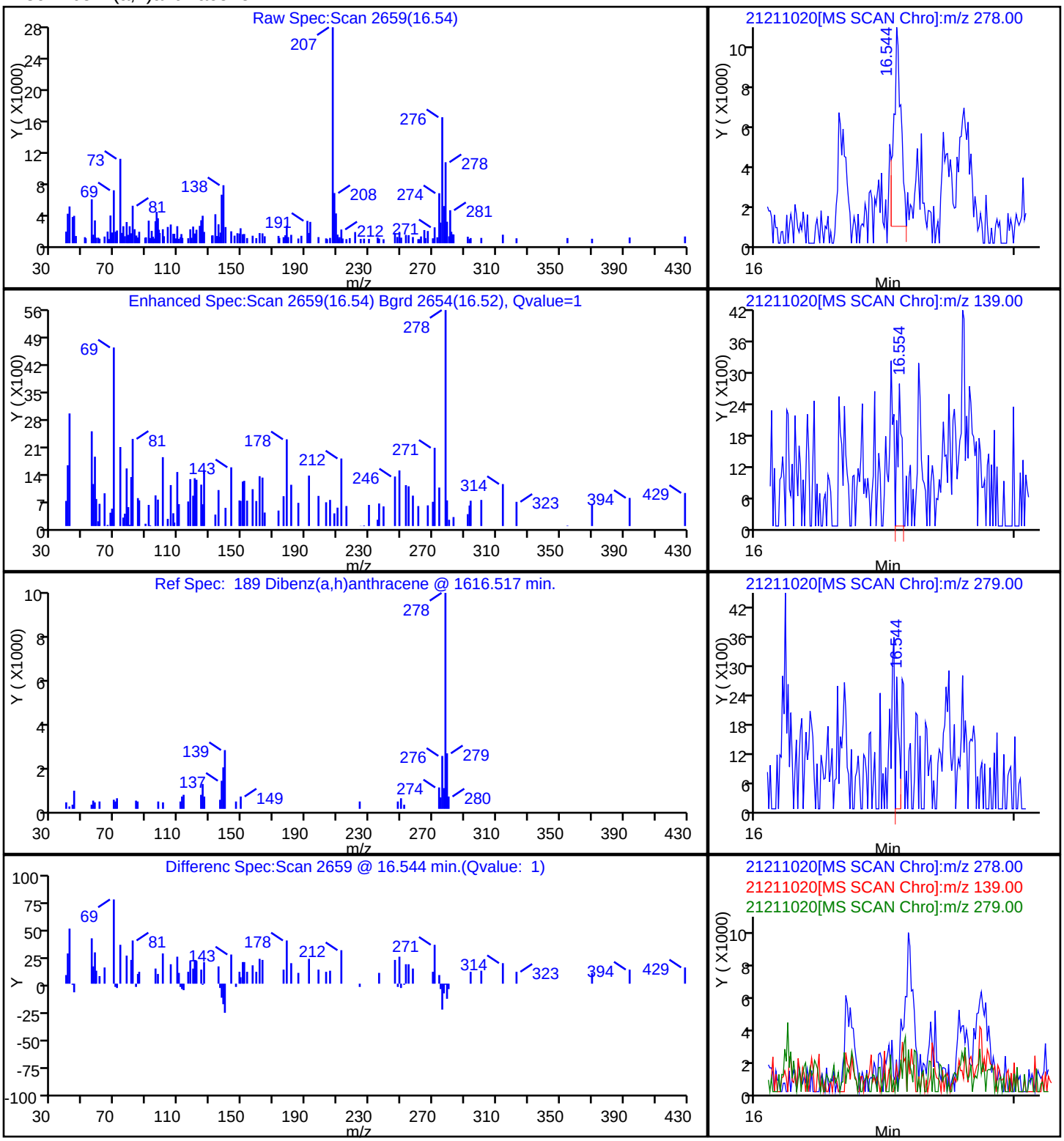
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TestAmerica Canton

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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene



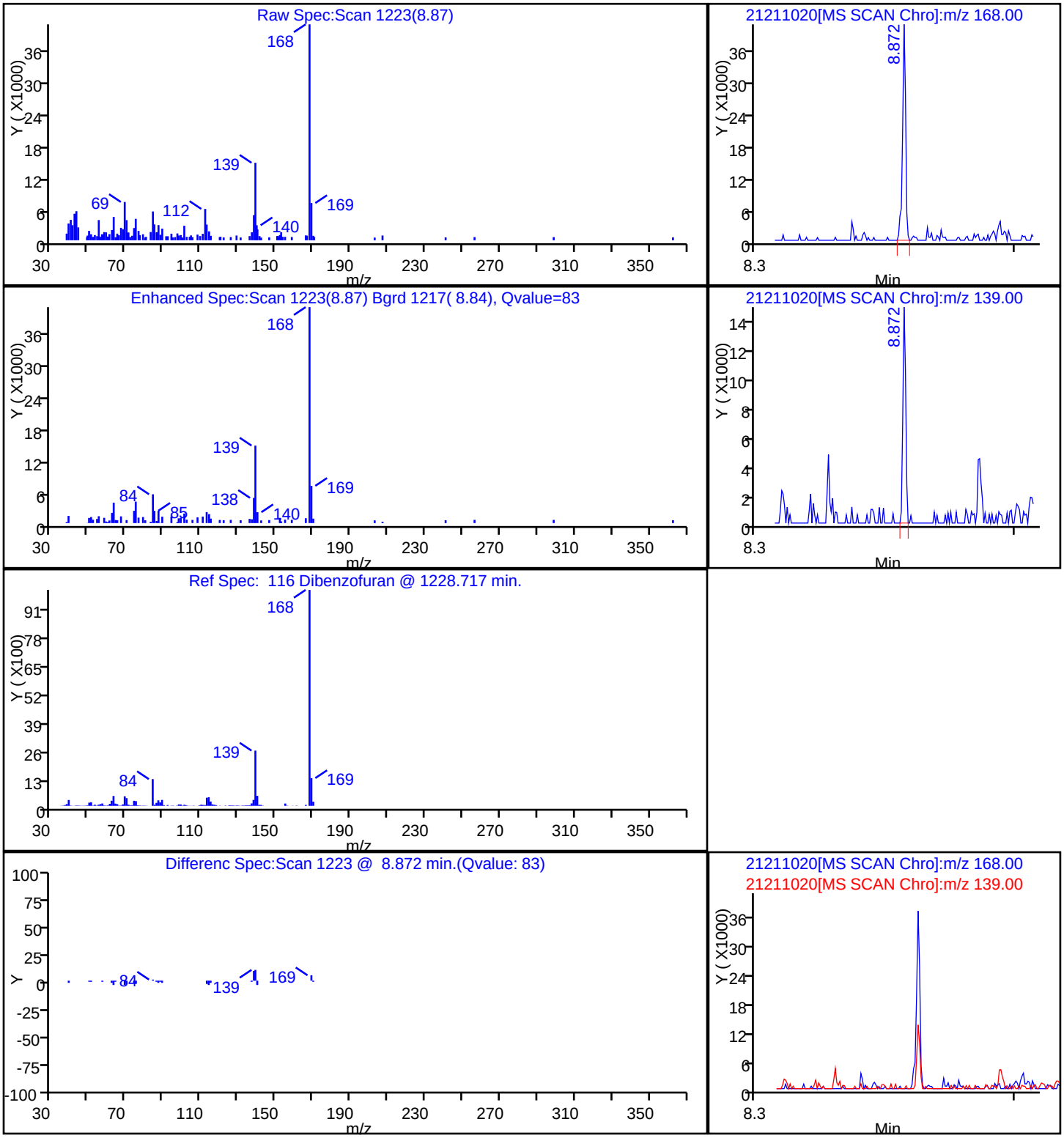
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211020.D

Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



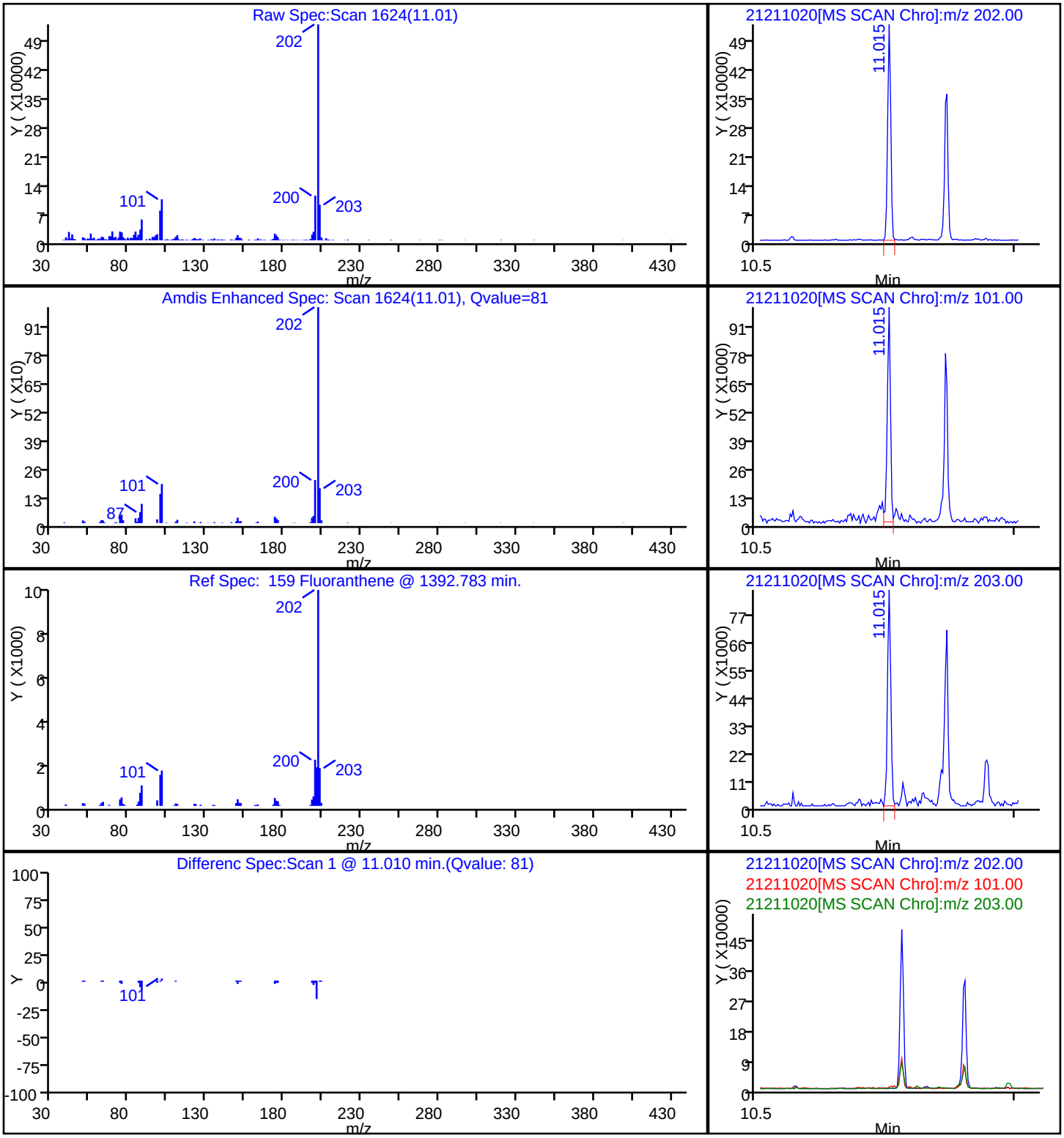
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TestAmerica Canton

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Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



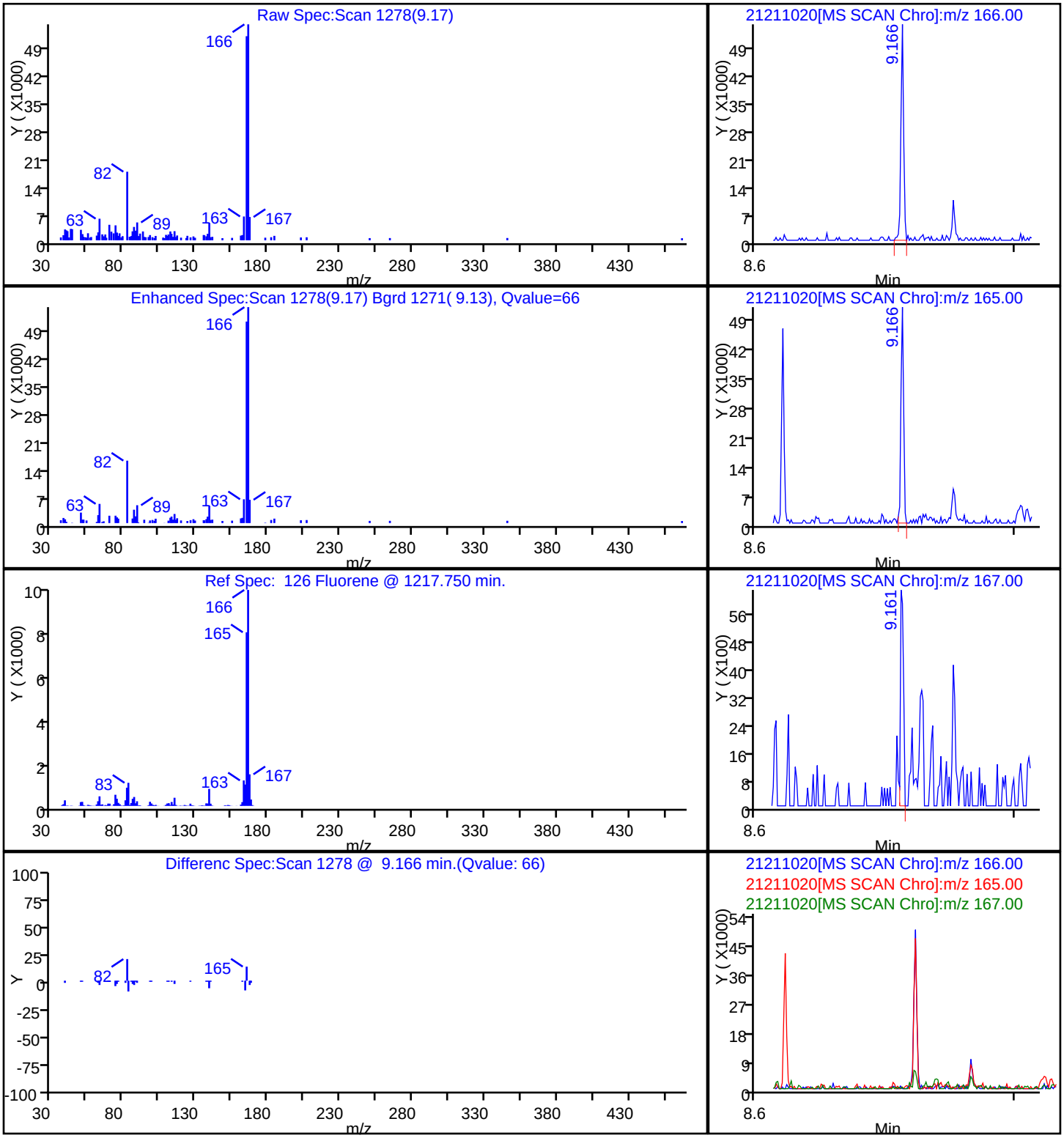
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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



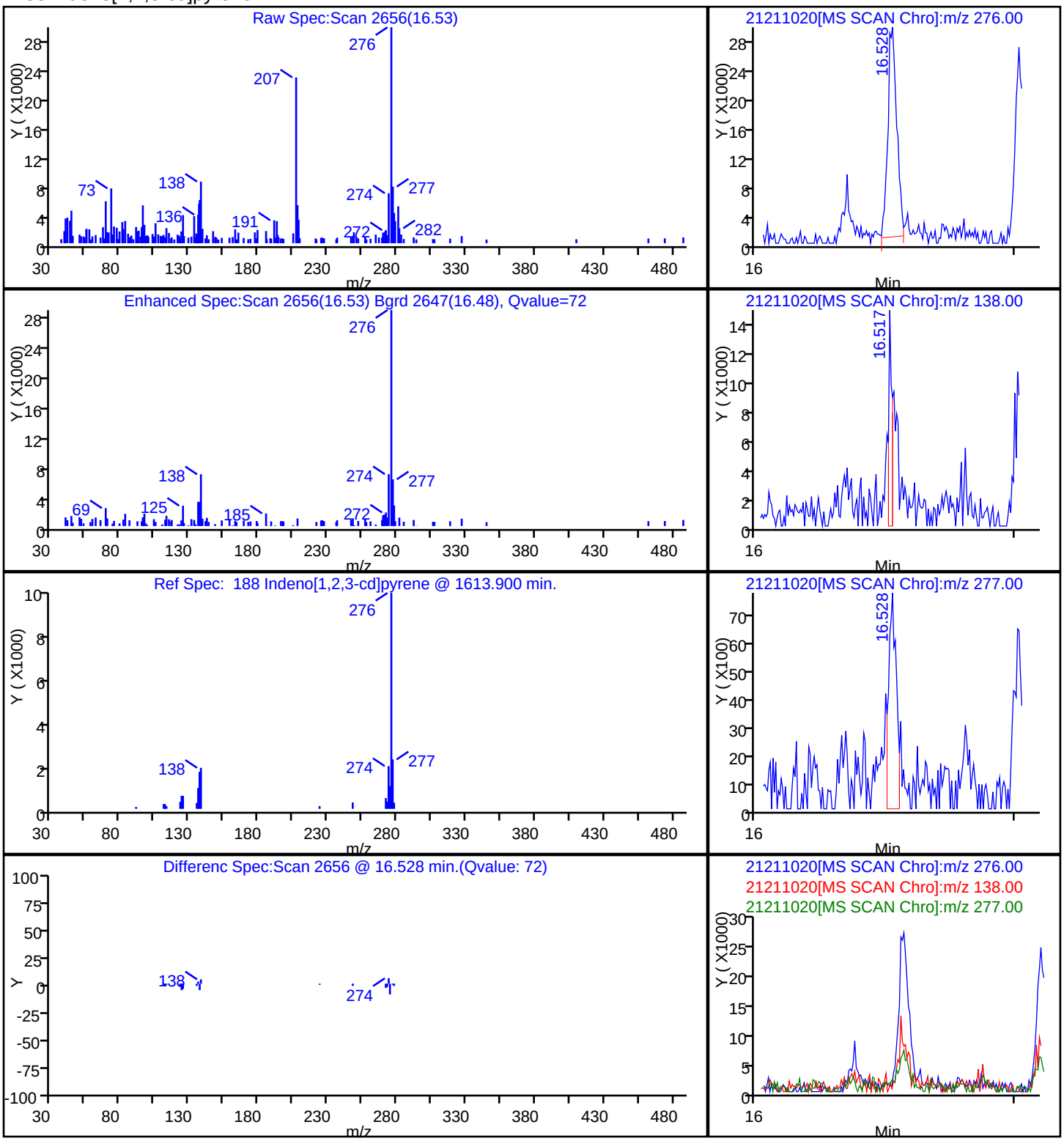
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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



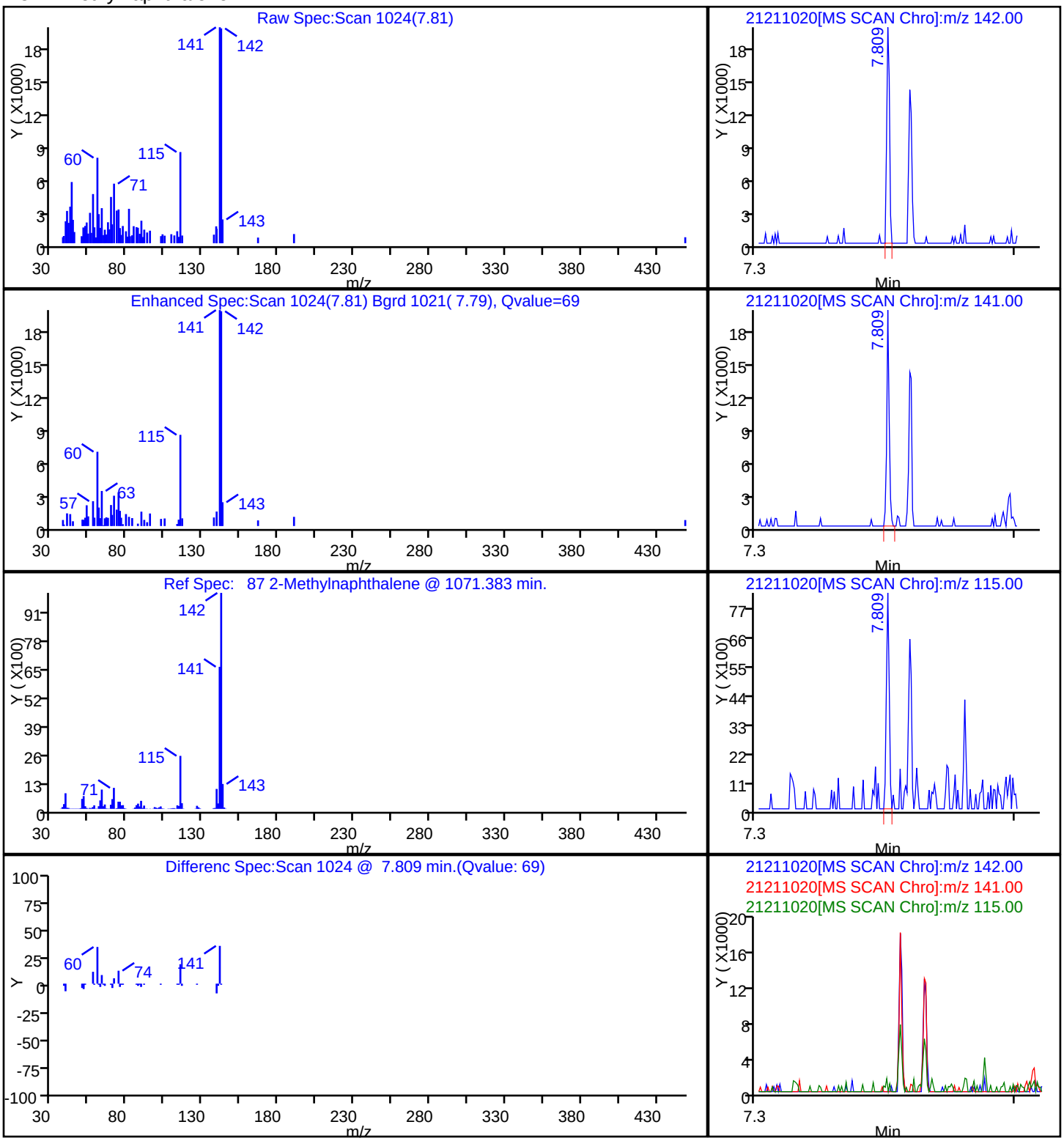
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Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



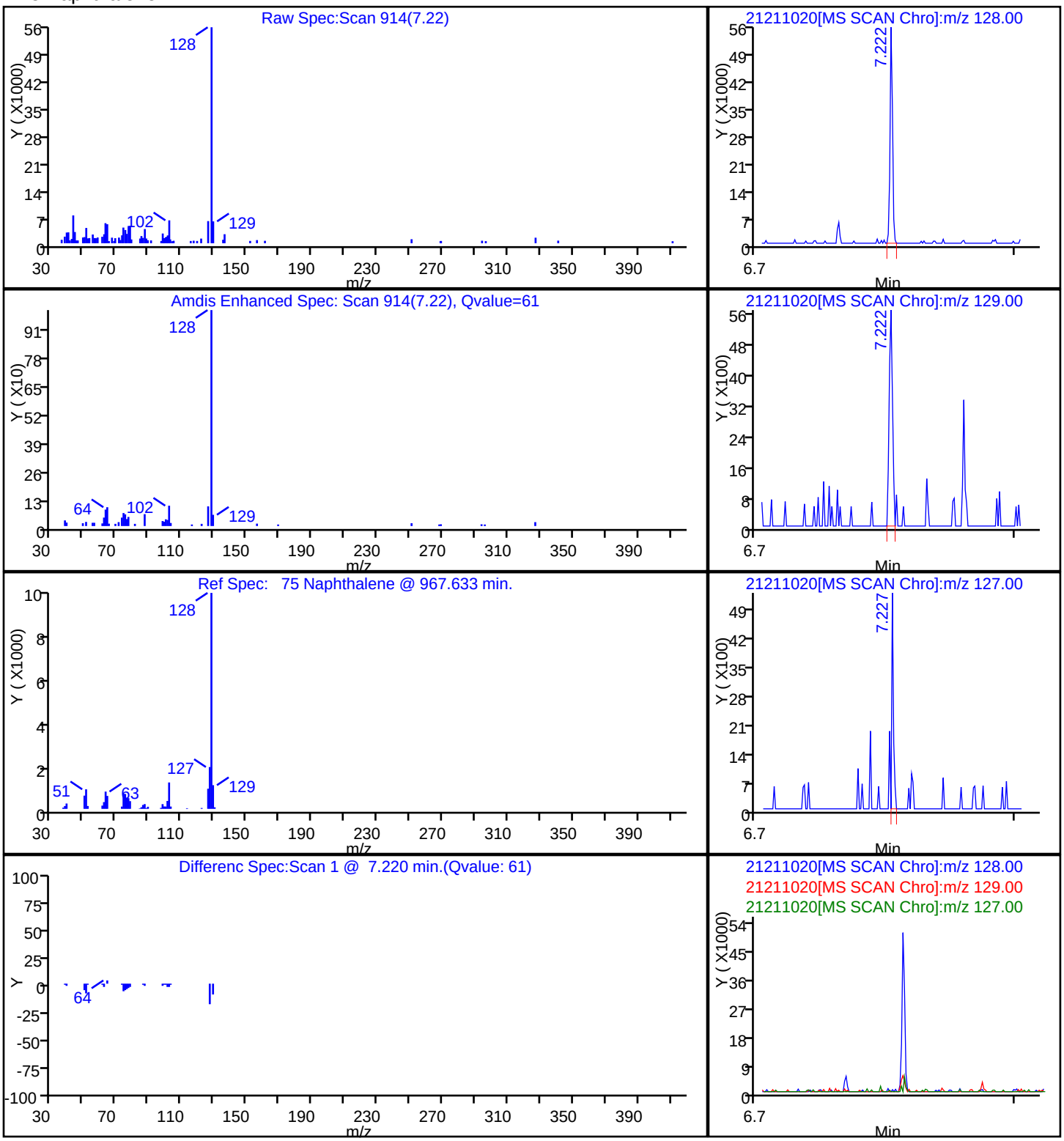
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Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
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Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



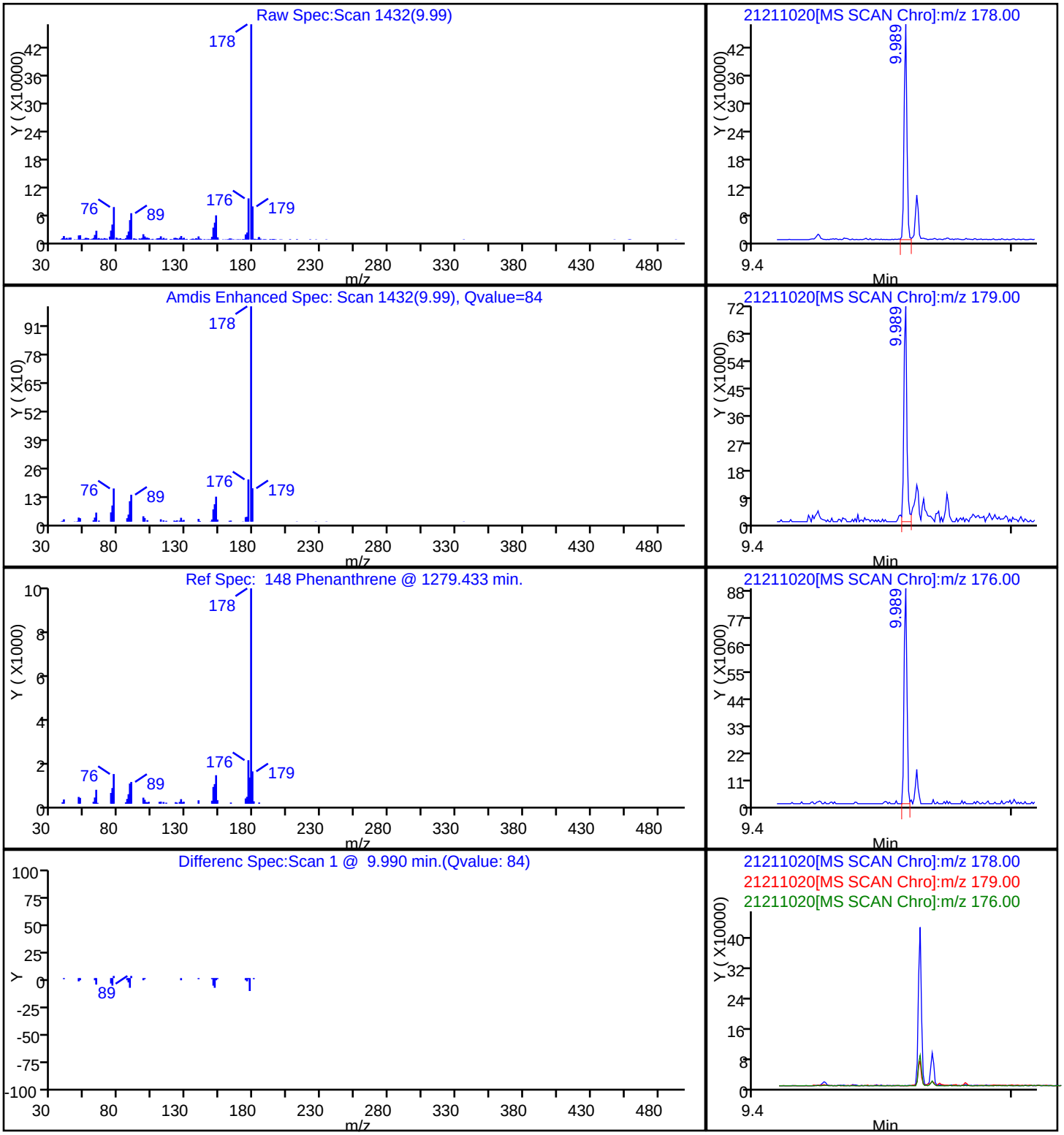
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TestAmerica Canton

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Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



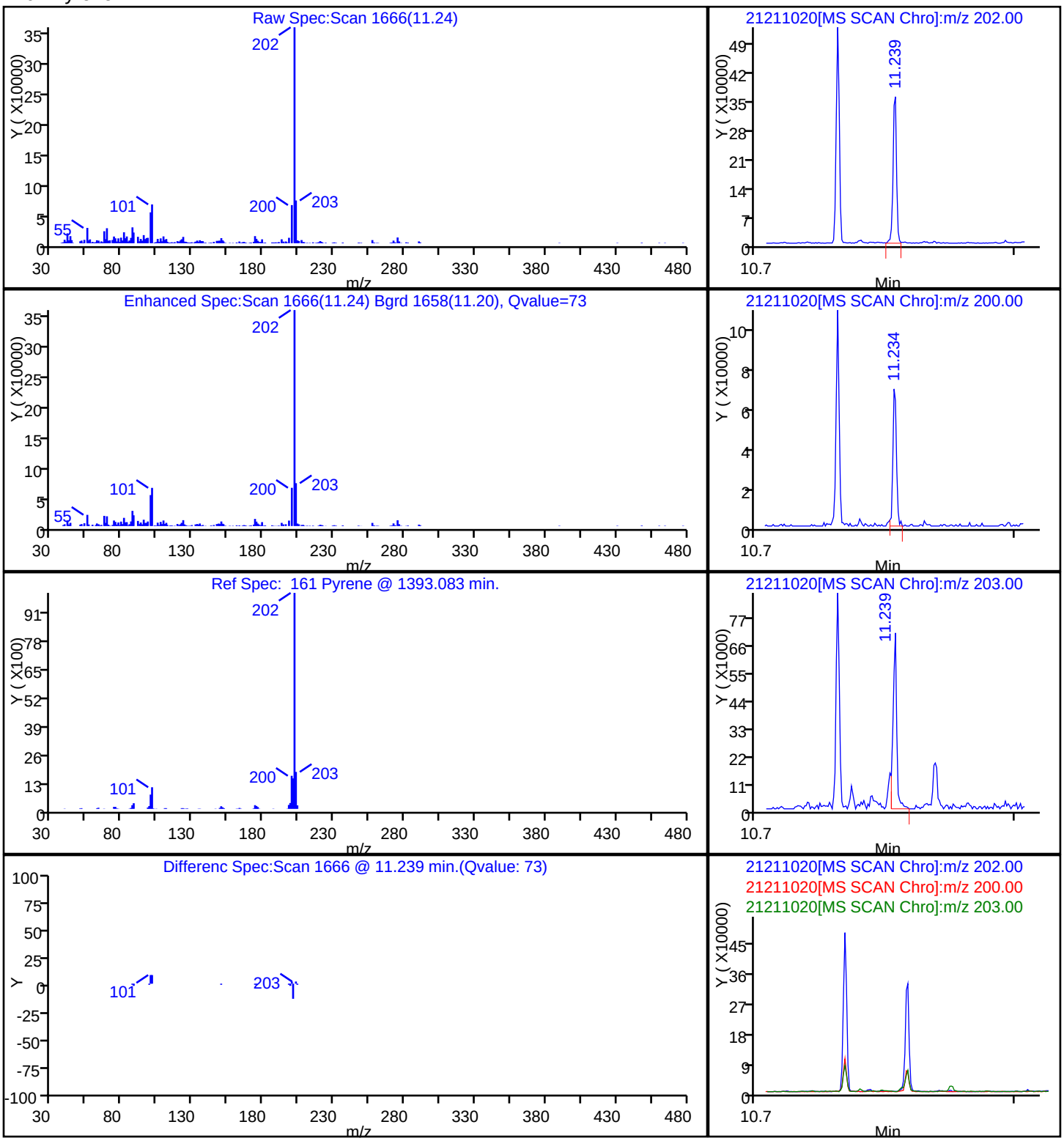
Report Date: 12-Dec-2012 08:52:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211020.D

Injection Date:	11-Dec-2012 20:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD | Lab Sample ID: 240-17467-4

Matrix: Solid | Lab File ID: 21203020.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.31(g) | Date Analyzed: 12/03/2012 19:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 36.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	14		10	5.2	5.2
208-96-8	Acenaphthylene	12		10	5.2	5.2
120-12-7	Anthracene	33		10	5.2	5.2
56-55-3	Benzo[a]anthracene	150		10	5.2	5.2
50-32-8	Benzo[a]pyrene	160		10	5.2	5.2
205-99-2	Benzo[b]fluoranthene	210		10	5.2	5.2
191-24-2	Benzo[g,h,i]perylene	80		10	5.2	5.2
65-85-0	Benzoic acid	520	U	1000	520	520
207-08-9	Benzo[k]fluoranthene	100		10	5.2	5.2
100-51-6	Benzyl alcohol	42	U	520	42	33
111-91-1	Bis(2-chloroethoxy)methane	42	U	160	42	34
111-44-4	Bis(2-chloroethyl)ether	5.2	U	160	5.2	3.1
108-60-1	bis (2-chloroisopropyl) ether	42	U	160	42	15
101-55-3	4-Bromophenyl phenyl ether	42	U	78	42	20
85-68-7	Butyl benzyl phthalate	41	J	78	42	16
86-74-8	Carbazole	42	U	78	42	42
106-47-8	4-Chloroaniline	42	U	240	42	27
59-50-7	4-Chloro-3-methylphenol	42	U	240	42	33
91-58-7	2-Chloronaphthalene	5.2	U	78	5.2	5.2
95-57-8	2-Chlorophenol	42	U	78	42	42
7005-72-3	4-Chlorophenyl phenyl ether	42	U	78	42	20
218-01-9	Chrysene	160		10	5.2	1.7
53-70-3	Dibenz(a,h)anthracene	5.2	U	10	5.2	5.2
132-64-9	Dibenzofuran	15	J	78	5.2	5.2
106-46-7	1,4-Dichlorobenzene	42	U	78	42	31
95-50-1	1,2-Dichlorobenzene	33	J	78	42	15
541-73-1	1,3-Dichlorobenzene	42	U	78	42	17
91-94-1	3,3'-Dichlorobenzidine	130	U	160	130	28
120-83-2	2,4-Dichlorophenol	42	U	240	42	31
84-66-2	Diethyl phthalate	42	U	78	42	25
105-67-9	2,4-Dimethylphenol	130	U	240	130	31
131-11-3	Dimethyl phthalate	42	U	78	42	27
84-74-2	Di-n-butyl phthalate	42	U	78	42	24
534-52-1	4,6-Dinitro-2-methylphenol	130	U	240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD | Lab Sample ID: 240-17467-4

Matrix: Solid | Lab File ID: 21203020.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.31(g) | Date Analyzed: 12/03/2012 19:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 36.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	130	U	520	130	130
121-14-2	2,4-Dinitrotoluene	42	U	310	42	42
606-20-2	2,6-Dinitrotoluene	42	U	310	42	33
117-84-0	Di-n-octyl phthalate	42	U	78	42	42
206-44-0	Fluoranthene	310		10	5.2	5.2
86-73-7	Fluorene	17		10	5.2	5.2
118-74-1	Hexachlorobenzene	5.2	U	10	5.2	3.3
87-68-3	Hexachlorobutadiene	42	U	78	42	42
77-47-4	Hexachlorocyclopentadiene	42	U	520	42	42
67-72-1	Hexachloroethane	42	U	78	42	14
193-39-5	Indeno[1,2,3-cd]pyrene	77		10	5.2	5.2
78-59-1	Isophorone	42	U	78	42	20
91-57-6	2-Methylnaphthalene	15		10	5.2	5.2
95-48-7	2-Methylphenol	130	U	310	130	130
15831-10-4	3 & 4 Methylphenol	130	U	630	130	31
91-20-3	Naphthalene	12		10	5.2	5.2
88-74-4	2-Nitroaniline	42	U	310	42	14
99-09-2	3-Nitroaniline	130	U	310	130	25
100-01-6	4-Nitroaniline	42	U	310	42	41
98-95-3	Nitrobenzene	5.2	U	160	5.2	3.4
88-75-5	2-Nitrophenol	42	U	78	42	42
100-02-7	4-Nitrophenol	130	U	520	130	130
621-64-7	N-Nitrosodi-n-propylamine	42	U	78	42	42
86-30-6	N-Nitrosodiphenylamine	42	U	78	42	33
87-86-5	Pentachlorophenol	130	U	240	130	130
85-01-8	Phenanthrene	140		10	5.2	5.2
108-95-2	Phenol	42	U	78	42	42
129-00-0	Pyrene	240		10	5.2	5.2
120-82-1	1,2,4-Trichlorobenzene	42	U	78	42	42
95-95-4	2,4,5-Trichlorophenol	42	U	240	42	39
88-06-2	2,4,6-Trichlorophenol	130	U	240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD | Lab Sample ID: 240-17467-4

Matrix: Solid | Lab File ID: 21203020.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.31(g) | Date Analyzed: 12/03/2012 19:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 36.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	54		45-105
367-12-4	2-Fluorophenol (Surr)	62		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	66		35-125
4165-62-2	Phenol-d5 (Surr)	65		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D
Lims ID: 240-17467-E-4-C Client ID: 075SD-0003-0001-SD
Inject. Date: 03-Dec-2012 19:15:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015467-020
Misc. Info.: 240-17467-E-4-C =240-17467-E-4-C
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 67070 Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 08:54:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.051	6.050	0.001	80	153801	4.00	
* 2 Naphthalene-d8	136	7.157	7.156	0.001	99	644878	4.00	
* 3 Acenaphthene-d10	164	8.653	8.652	0.001	61	410535	4.00	
* 4 Phenanthrene-d10	188	9.914	9.918	-0.004	78	694114	4.00	
* 5 Chrysene-d12	240	12.537	12.541	-0.004	78	710816	4.00	
* 6 Perylene-d12	264	14.679	14.677	0.002	77	565503	4.00	
$ 7 2-Fluorophenol	112	4.844	4.832	0.012	92	567110	9.37	
$ 8 Phenol-d5	99	5.693	5.687	0.006	0	855428	9.79	
$ 9 Nitrobenzene-d5	82	6.527	6.531	-0.004	84	572346	5.80	
$ 10 2-Fluorobiphenyl (Surr)	172	8.060	8.059	0.001	97	737346	5.41	
$ 11 2,4,6-Tribromophenol	330	9.315	9.319	-0.004	76	157210	9.89	
$ 12 Terphenyl-d14	244	11.292	11.291	0.001	80	971385	6.67	
43 Phenol	94		5.703					9
69 Bis(2-chloroethyl)ether	93		5.804					
46 2-Chlorophenol	128		5.858					9
47 1,3-Dichlorobenzene	146		6.002					
48 1,4-Dichlorobenzene	146	6.067	6.066	0.001	64	13020	0.2135	
49 Benzyl alcohol	108		6.157					9
50 1,2-Dichlorobenzene	146	6.201	6.199	0.002	32	18370	0.3130	
51 2-Methylphenol	108		6.237					
53 2,2'-oxybis[1-chloropropane]	45		6.274					
21 3 & 4 Methylphenol	108		6.365					9
57 N-Nitrosodi-n-propylamine	70		6.386					
61 Hexachloroethane	117		6.504					
62 Nitrobenzene	77		6.547					
64 Isophorone	82		6.744					
66 2-Nitrophenol	139		6.819					9
65 2,4-Dimethylphenol	107		6.830					9
71 Benzoic acid	122	6.847	6.889	-0.042	77	45146	2.77	
70 Bis(2-chloroethoxy)methane	93		6.915					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		7.017					9
74 1,2,4-Trichlorobenzene	180		7.102					9
75 Naphthalene	128	7.173	7.177	-0.004	27	20304	0.1146	
76 4-Chloroaniline	127		7.204					9
79 Hexachlorobutadiene	225		7.268					
86 4-Chloro-3-methylphenol	107		7.594					9
87 2-Methylnaphthalene	142	7.761	7.759	0.002	76	16305	0.1469	
89 Hexachlorocyclopentadiene	237		7.893					
92 2,4,6-Trichlorophenol	196		7.989					9
93 2,4,5-Trichlorophenol	196		8.016					9
100 2-Chloronaphthalene	162		8.181					9
102 2-Nitroaniline	65		8.246					
105 Dimethyl phthalate	163		8.384					
107 2,6-Dinitrotoluene	165		8.443					9
109 Acenaphthylene	152	8.535	8.534	0.001	77	21169	0.1172	
110 3-Nitroaniline	138		8.593					9
111 2,4-Dinitrophenol	184		8.678					
112 Acenaphthene	153	8.680	8.678	0.002	64	15548	0.1358	
113 4-Nitrophenol	109		8.700					
114 2,4-Dinitrotoluene	165		8.785					
116 Dibenzofuran	168	8.824	8.822	0.002	70	23917	0.1447	
121 Diethyl phthalate	149		8.977					9
123 4-Chlorophenyl phenyl ether	204		9.100					
125 4-Nitroaniline	138		9.111					
126 Fluorene	166	9.112	9.116	-0.004	58	22548	0.1612	
128 4,6-Dinitro-2-methylphenol	198		9.132					9
131 N-Nitrosodiphenylamine	169		9.191					
139 4-Bromophenyl phenyl ether	248		9.517					9
141 Hexachlorobenzene	284		9.581					9
143 Pentachlorophenol	266		9.741					9
148 Phenanthrene	178	9.935	9.939	-0.004	81	282328	1.36	
149 Anthracene	178	9.978	9.982	-0.004	76	66240	0.3189	
151 Carbazole	167	10.101	10.105	-0.004	76	57309	0.3080	
154 Di-n-butyl phthalate	149	10.357	10.356	0.001	61	33626	0.1471	
159 Fluoranthene	202	10.955	10.959	-0.004	83	695977	2.94	
161 Pyrene	202	11.174	11.178	-0.004	72	566917	2.31	
168 Butyl benzyl phthalate	149	11.783	11.787	-0.004	68	38769	0.3949	
175 3,3'-Dichlorobenzidine	252		12.466					
173 Bis(2-ethylhexyl) phthalate	149	12.483	12.482	0.001	80	52091	0.3566	
177 Benzo[a]anthracene	228	12.521	12.525	-0.004	87	307653	1.39	
178 Chrysene	228	12.569	12.573	-0.004	77	307279	1.51	
180 Di-n-octyl phthalate	149		13.422					
182 Benzo[b]fluoranthene	252	14.075	14.079	-0.004	82	399312	2.04	
183 Benzo[k]fluoranthene	252	14.113	14.122	-0.010	87	192380	0.9542	
184 Benzo[a]pyrene	252	14.588	14.597	-0.009	69	284170	1.54	
188 Indeno[1,2,3-cd]pyrene	276	16.399	16.403	-0.004	86	149069	0.7333	
189 Dibenz(a,h)anthracene	278		16.430					
190 Benzo[g,h,i]perylene	276	16.874	16.889	-0.015	75	130684	0.7654	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

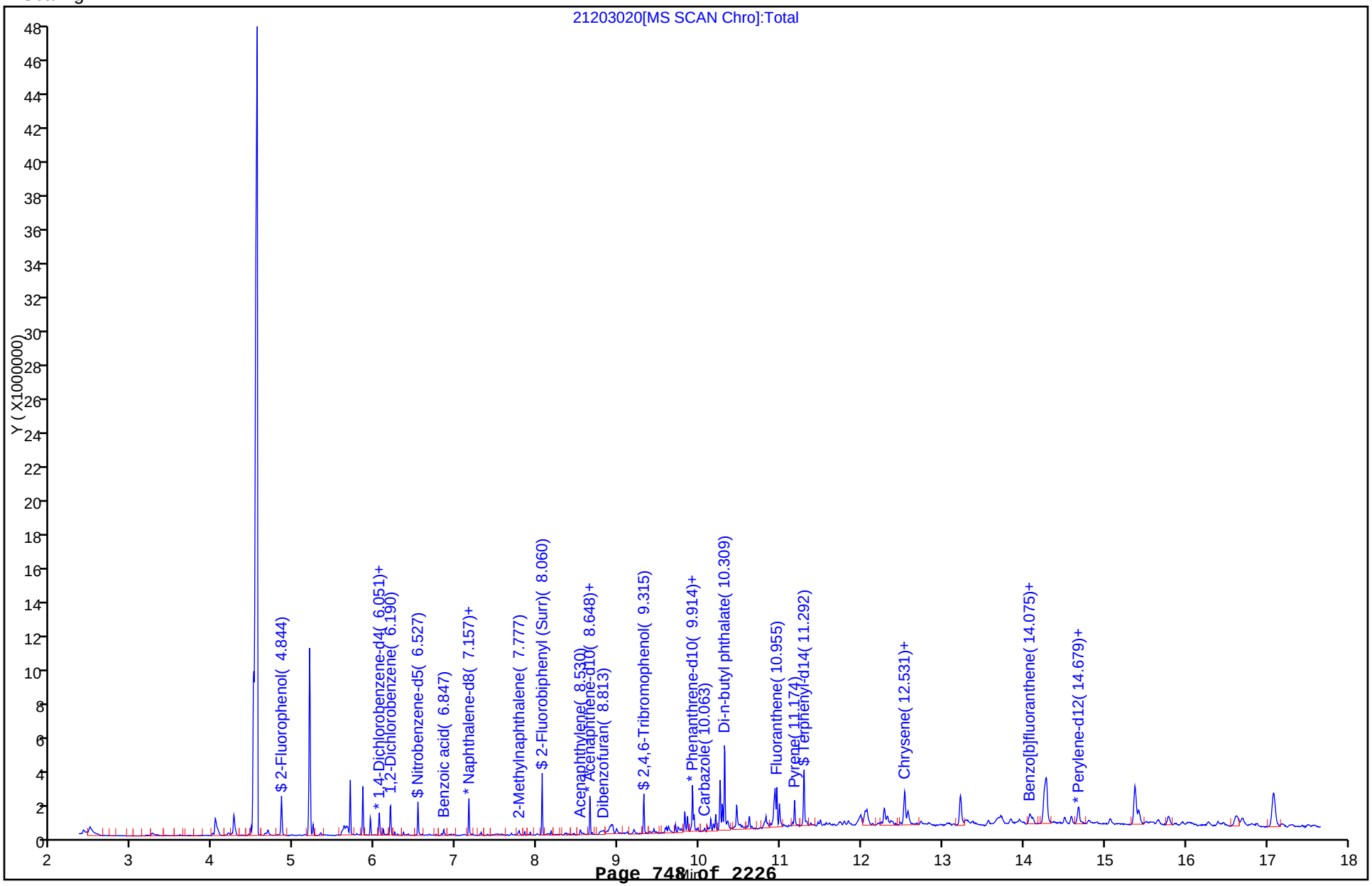
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



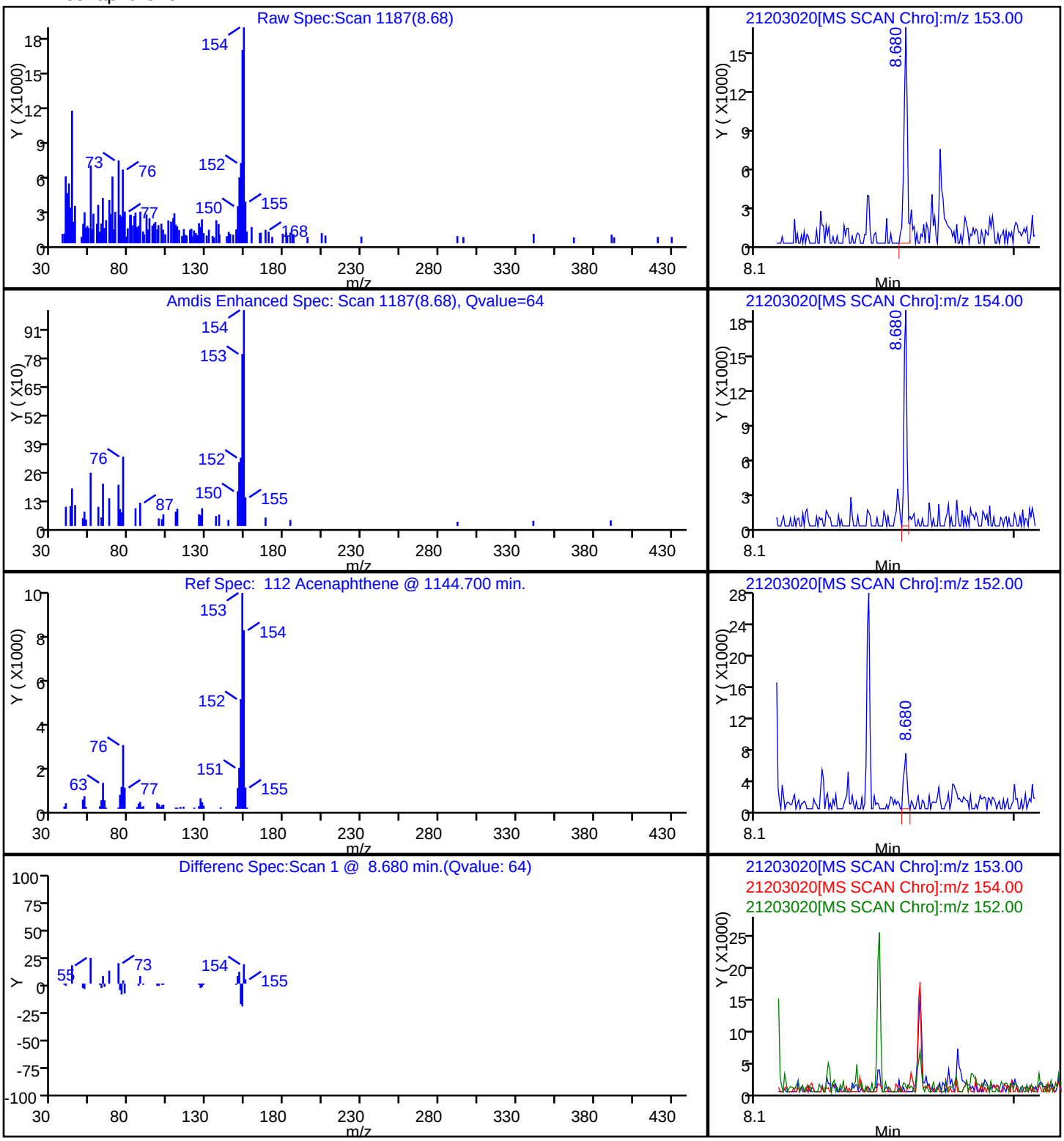
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



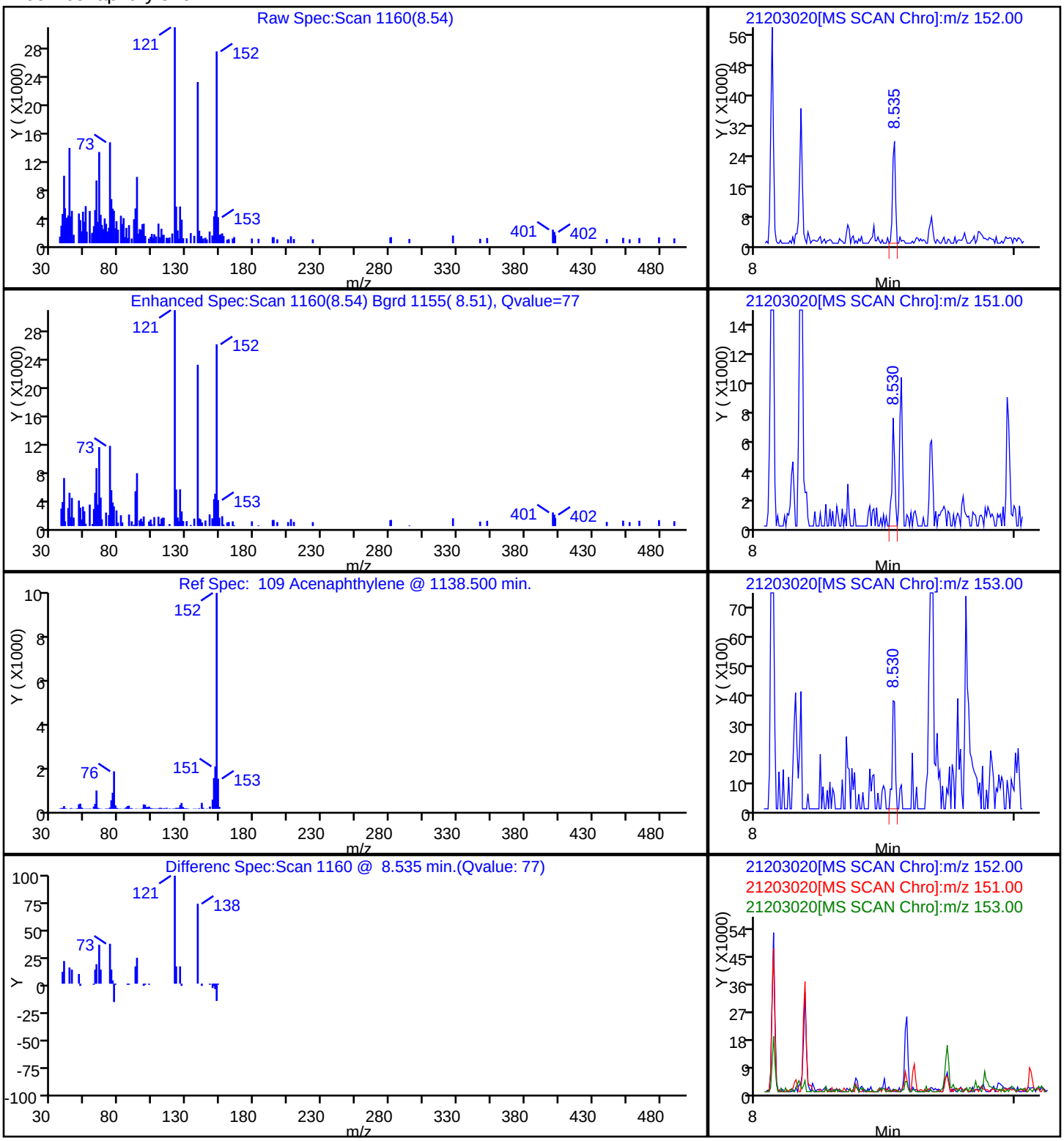
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



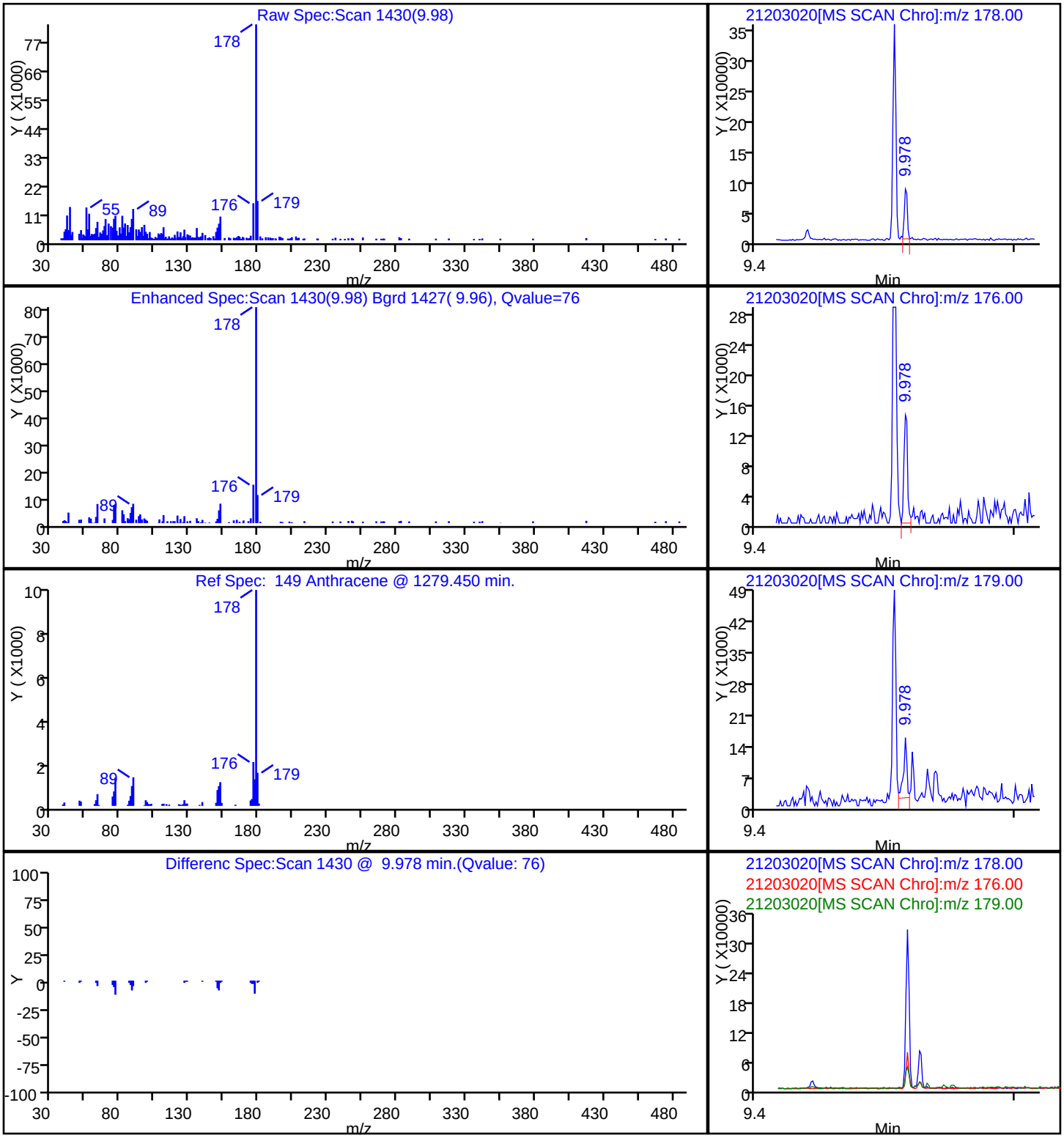
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



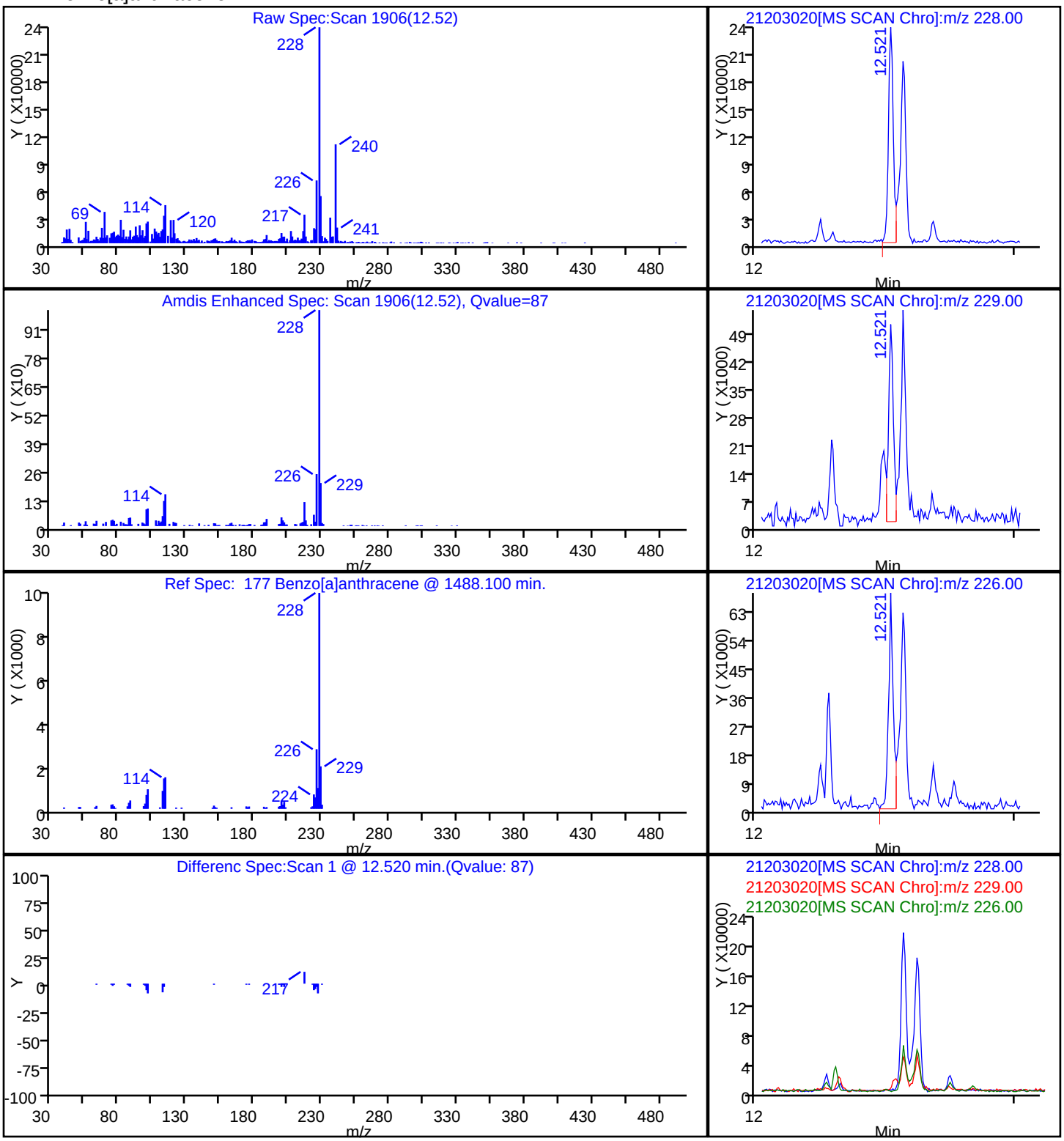
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



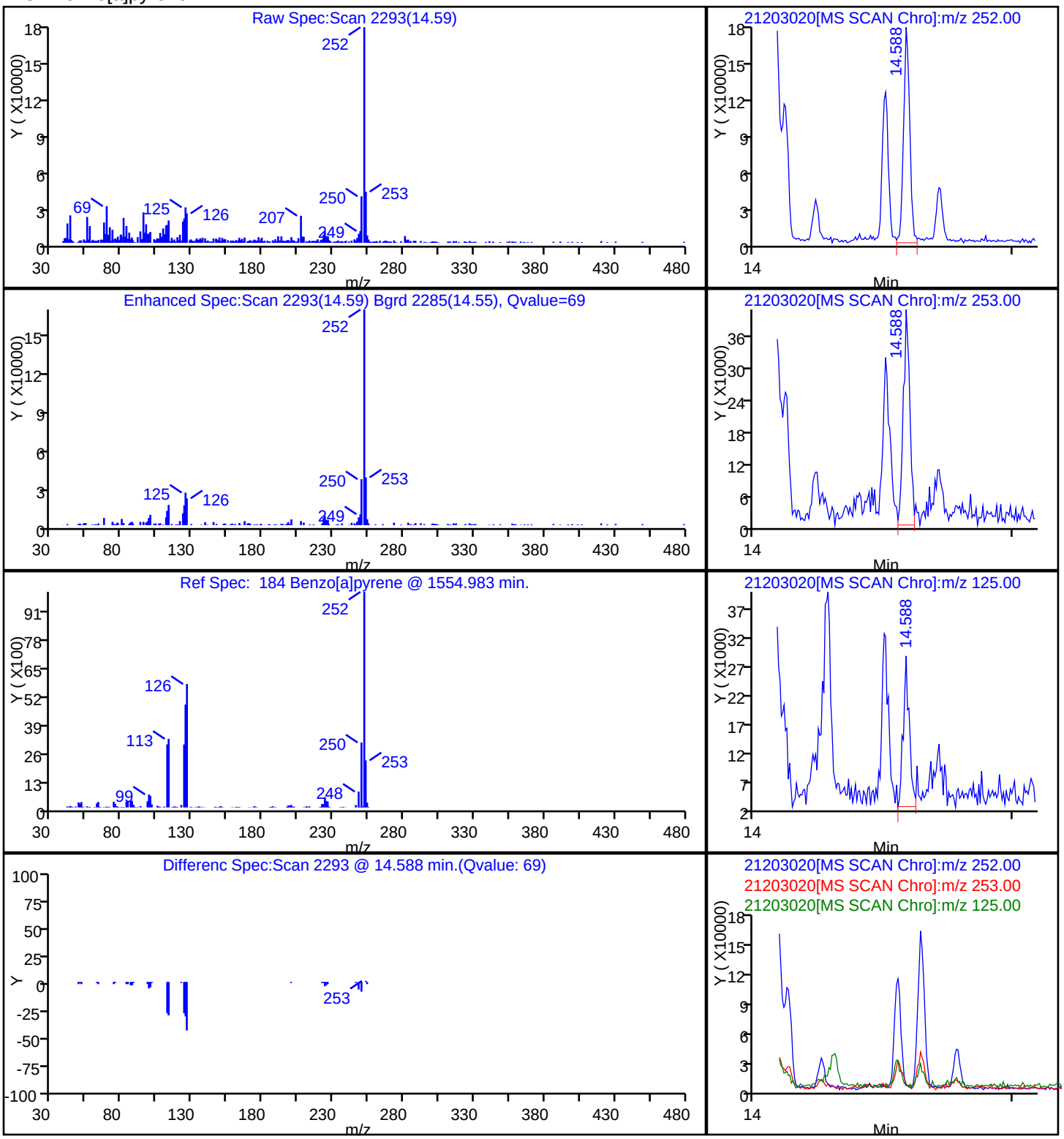
Report Date: 04-Dec-2012 09:30:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



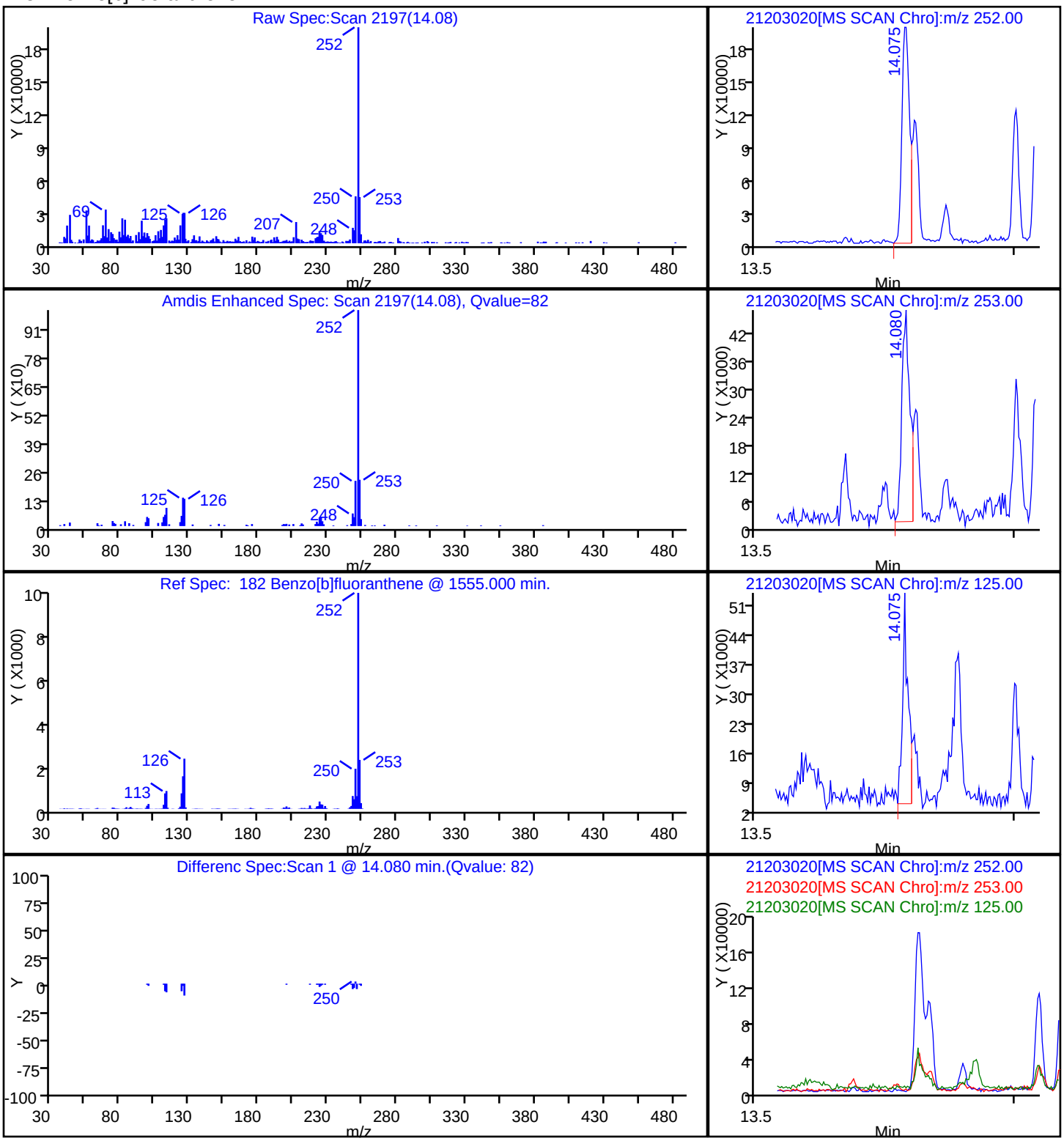
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



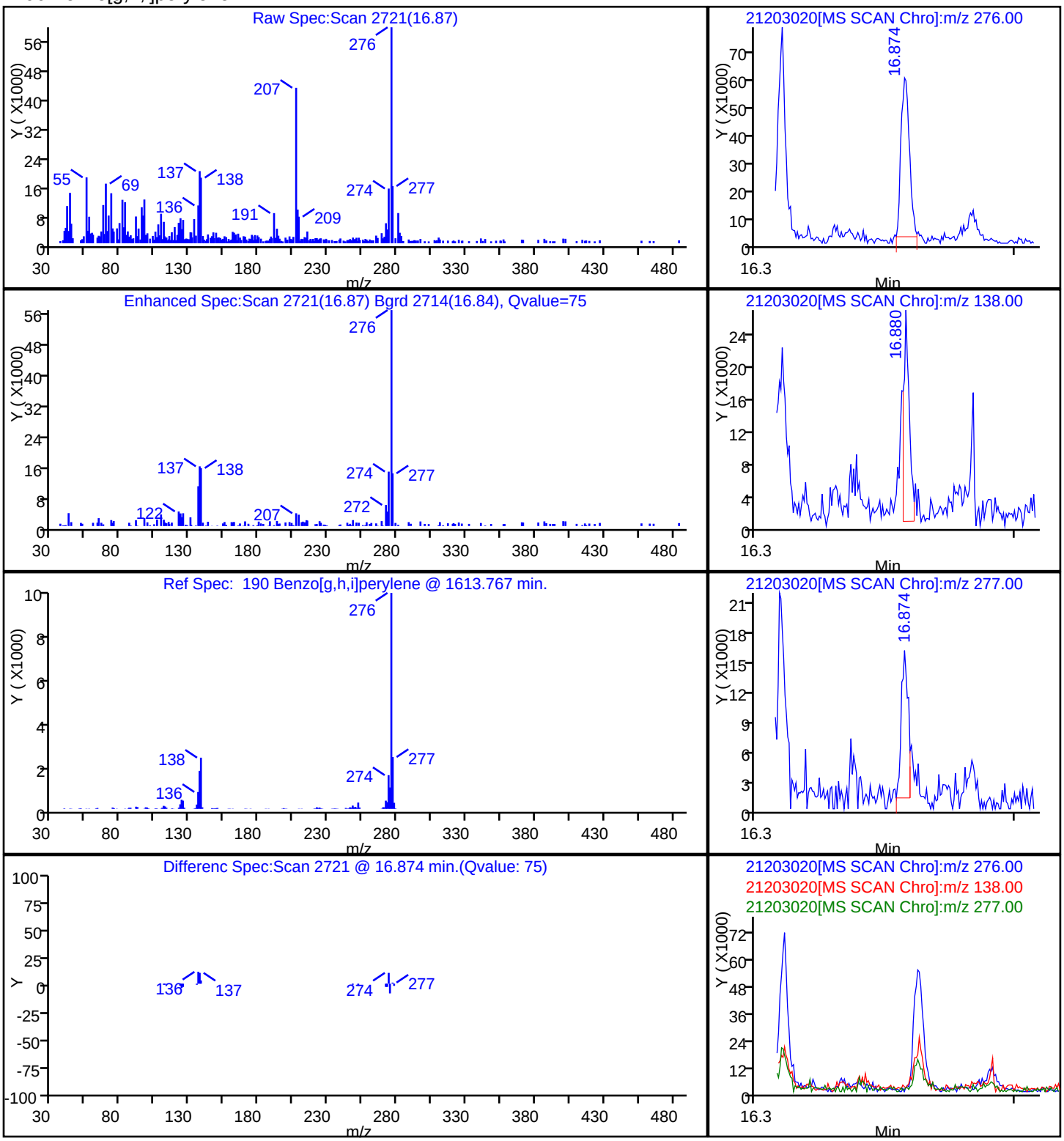
Report Date: 04-Dec-2012 09:30:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



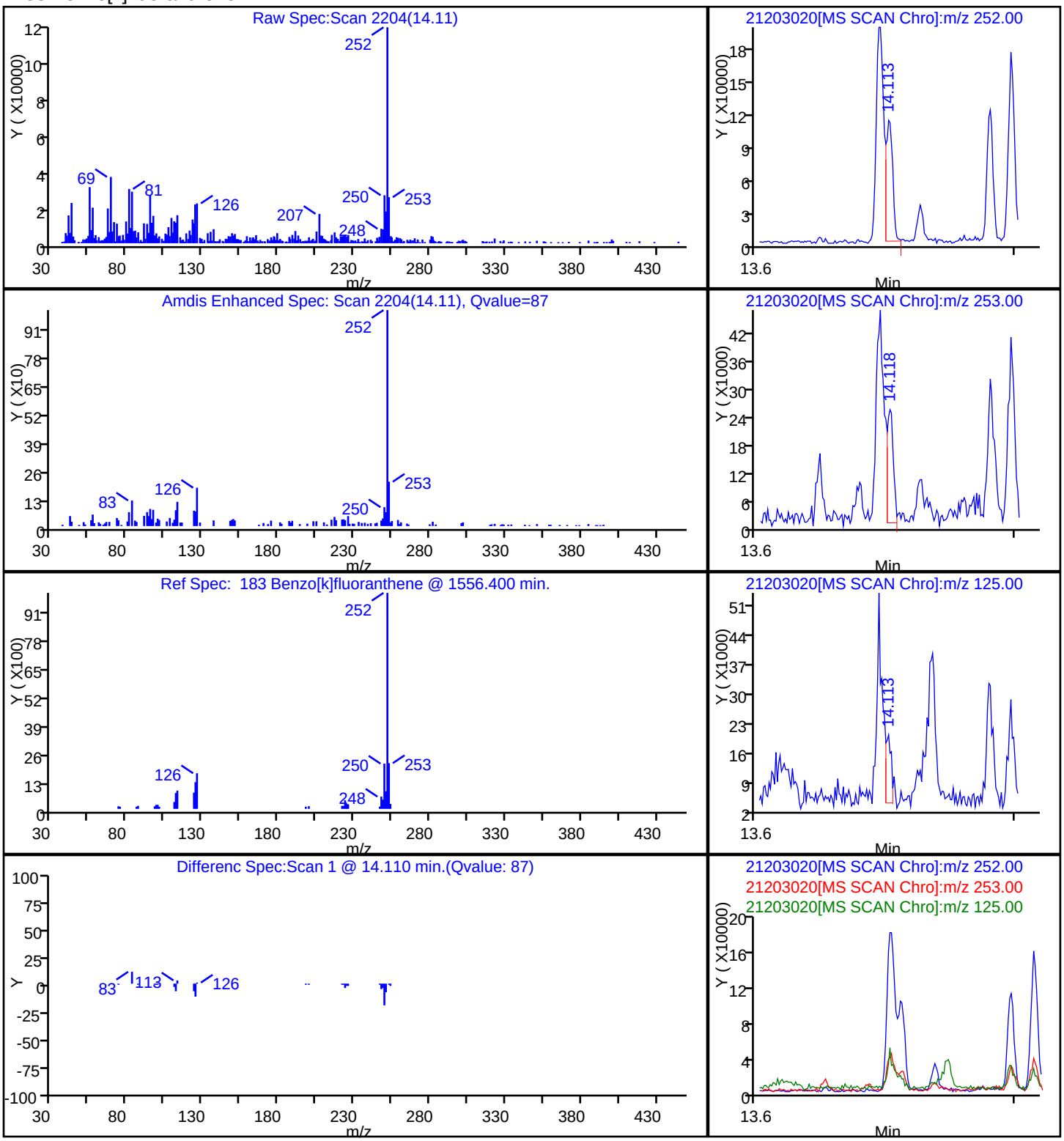
Report Date: 04-Dec-2012 09:30:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



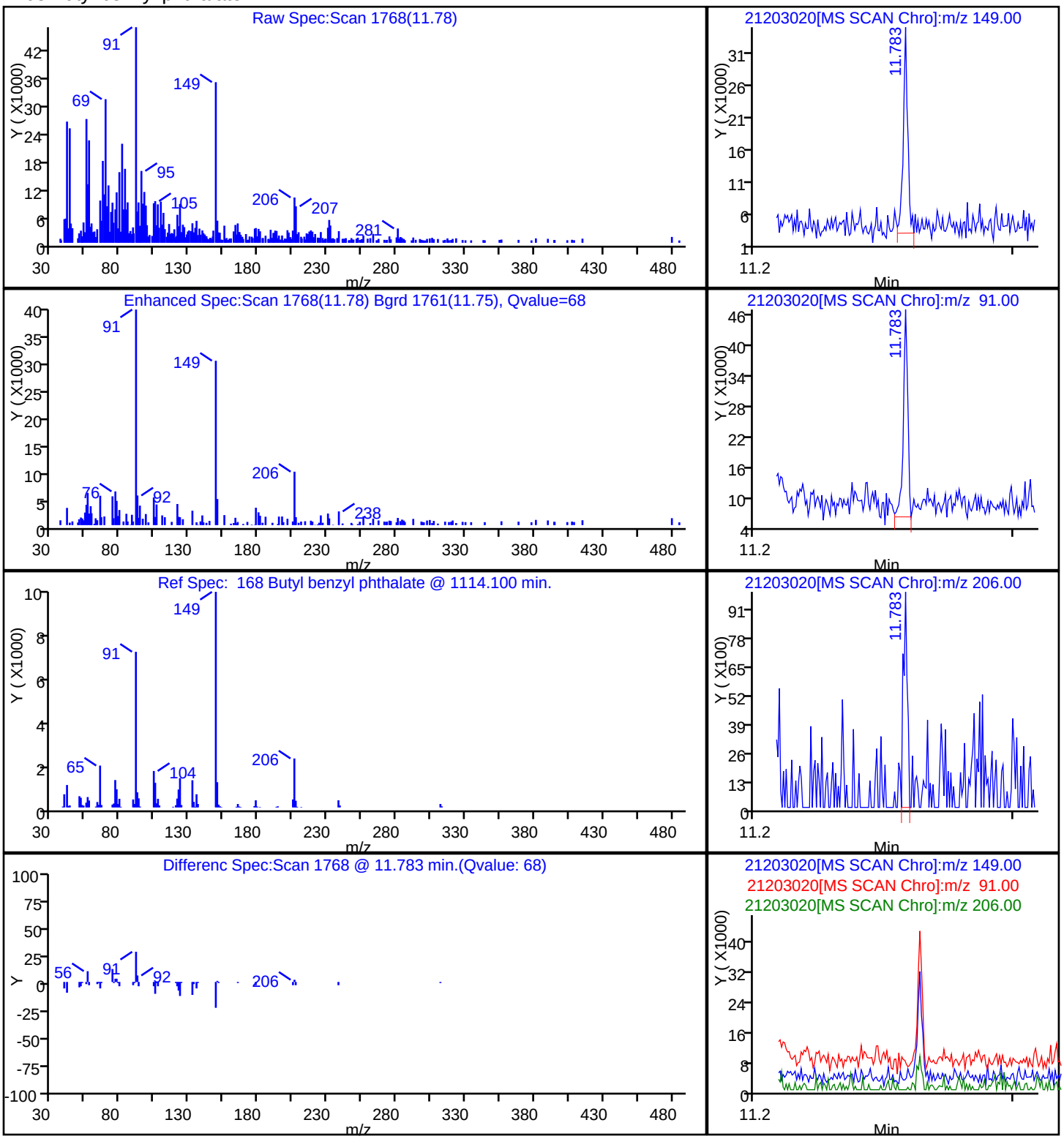
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 Butyl benzyl phthalate



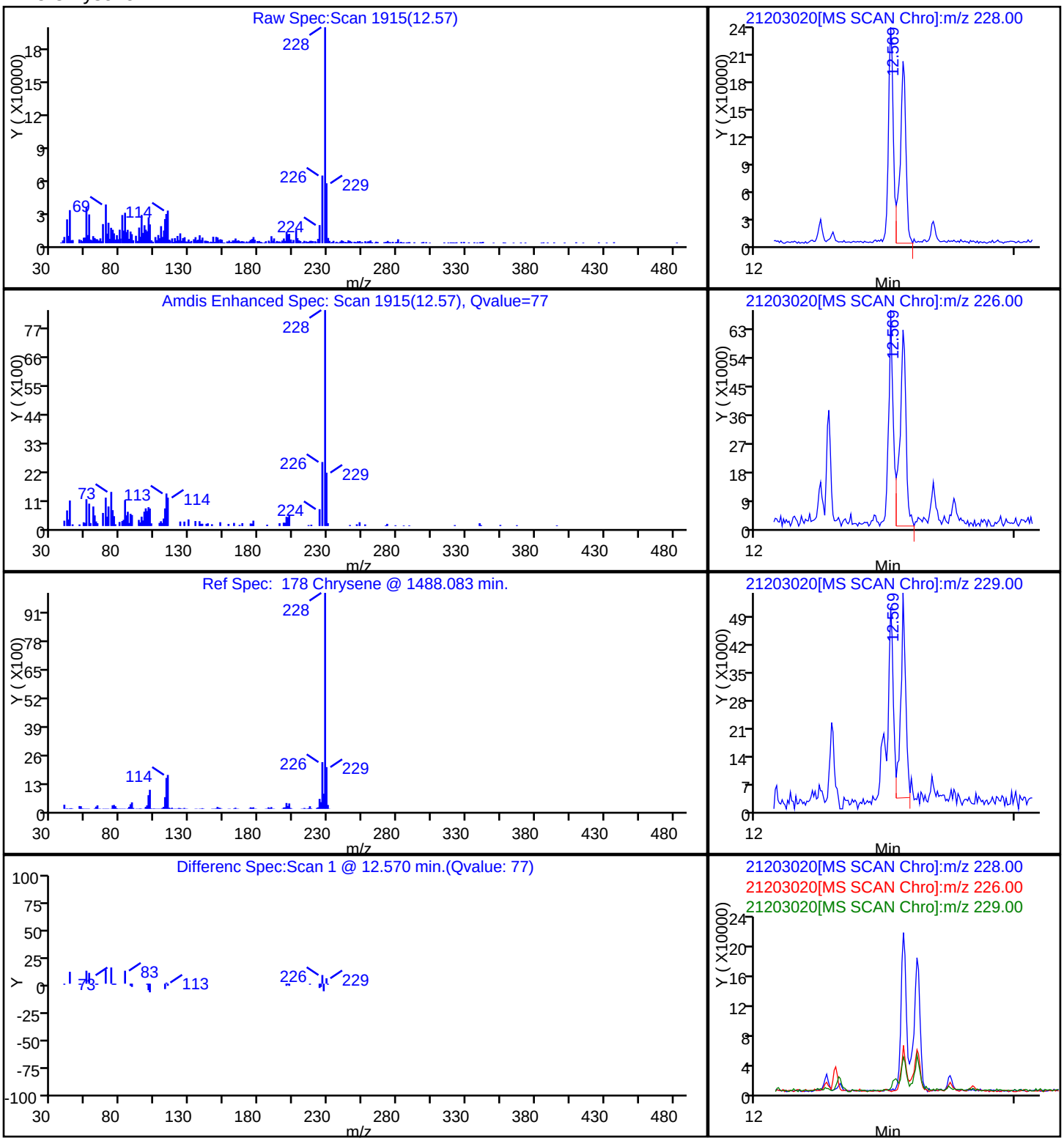
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

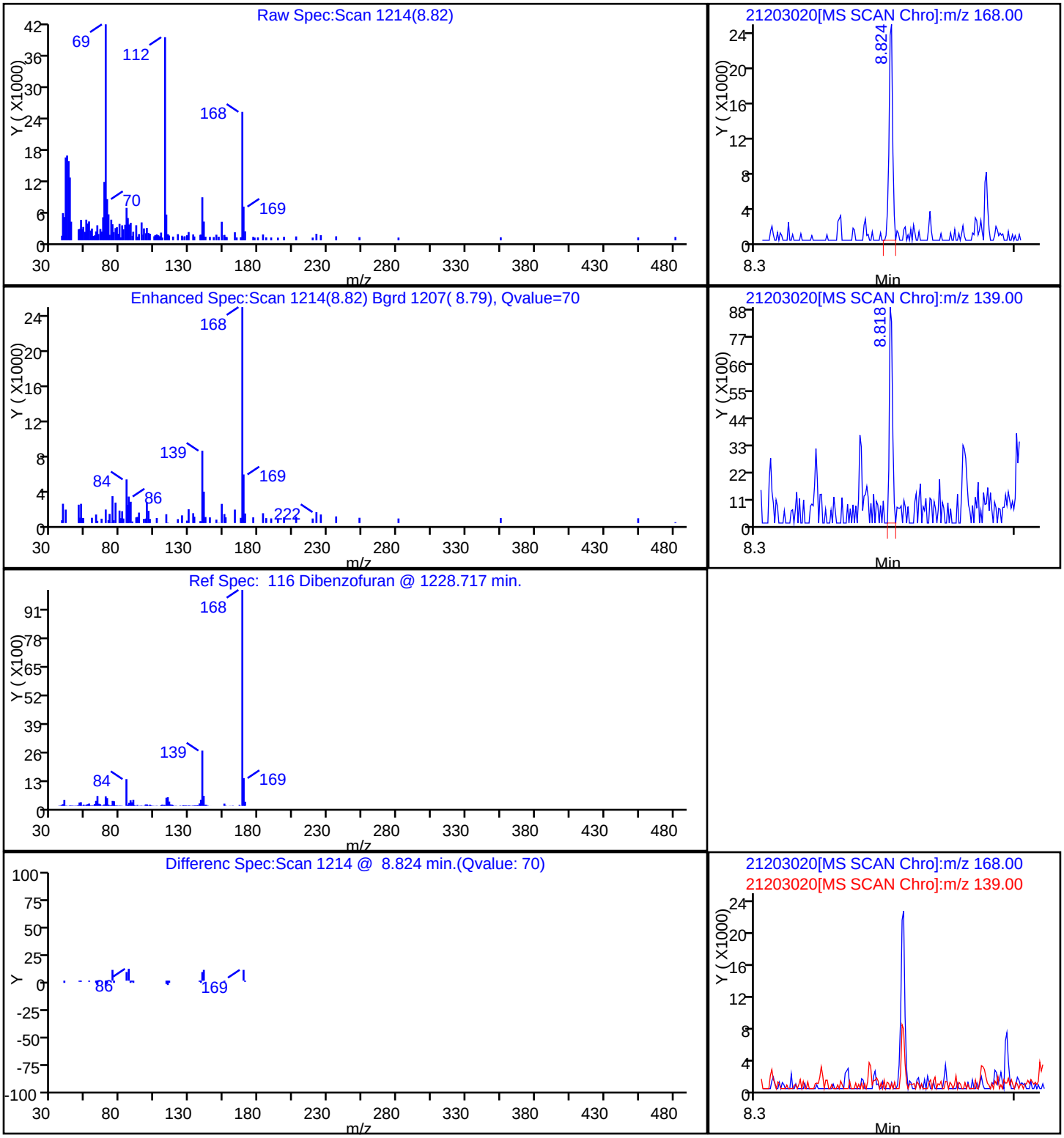


Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D		
Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



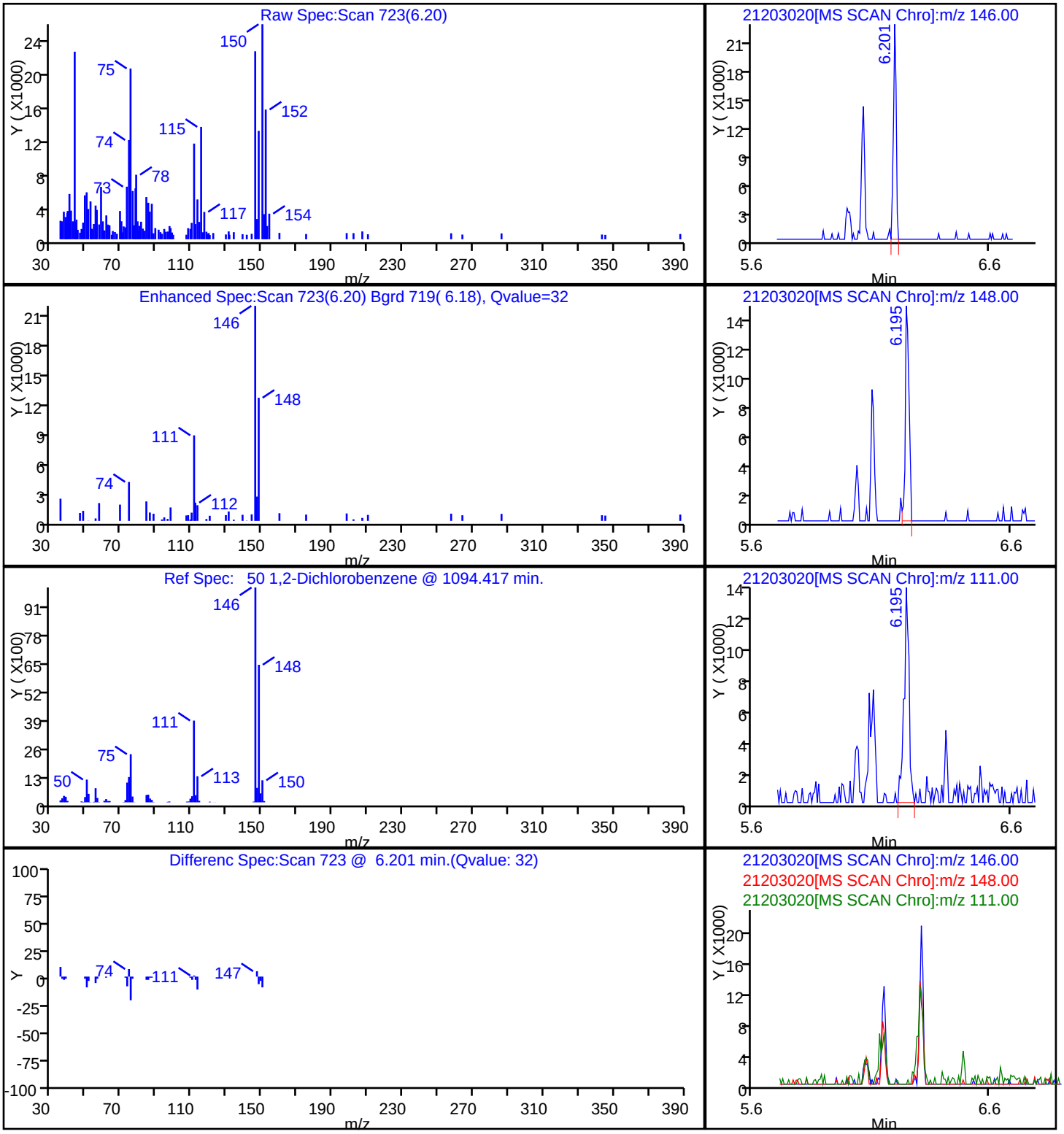
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

50 1,2-Dichlorobenzene



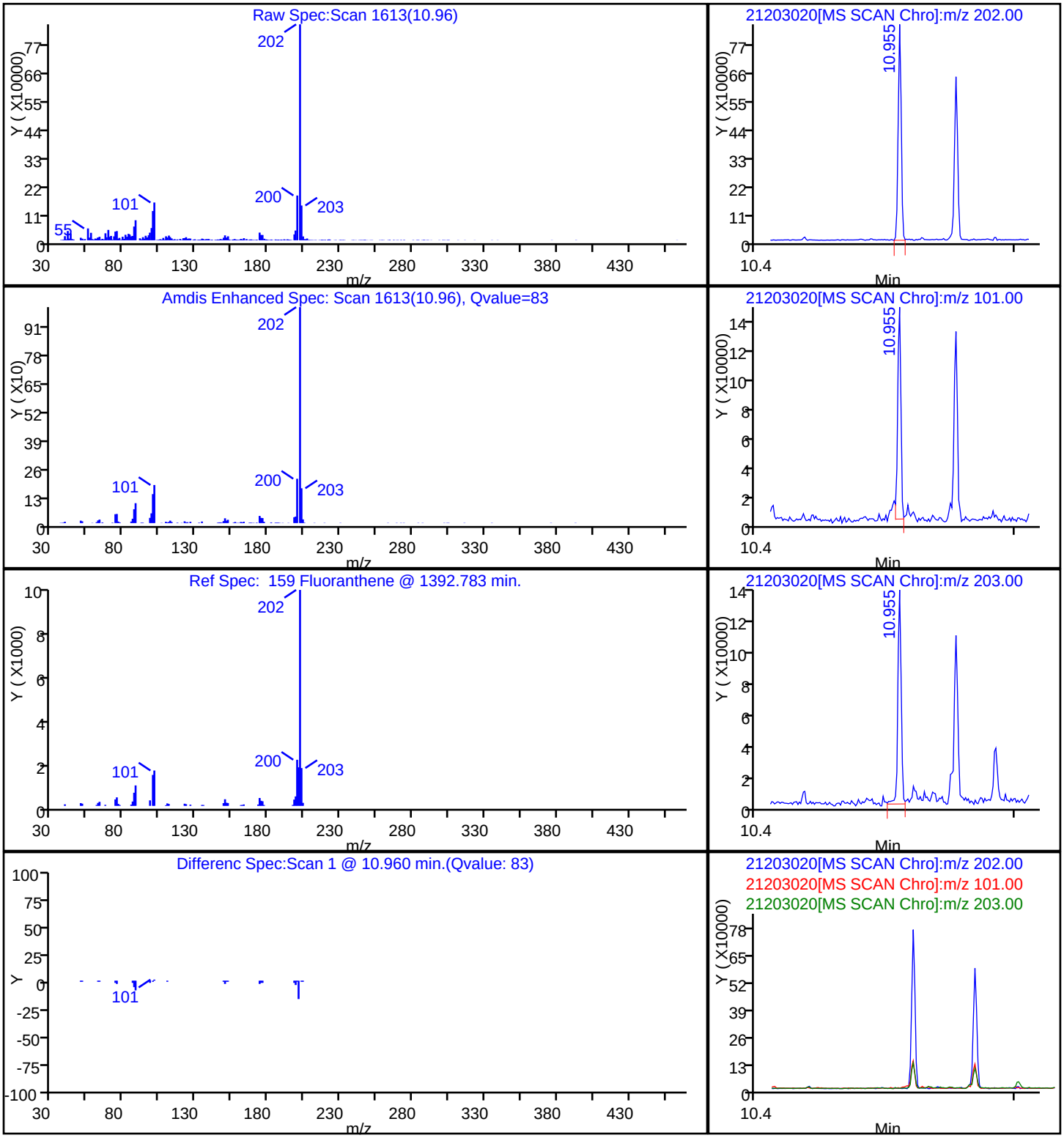
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene

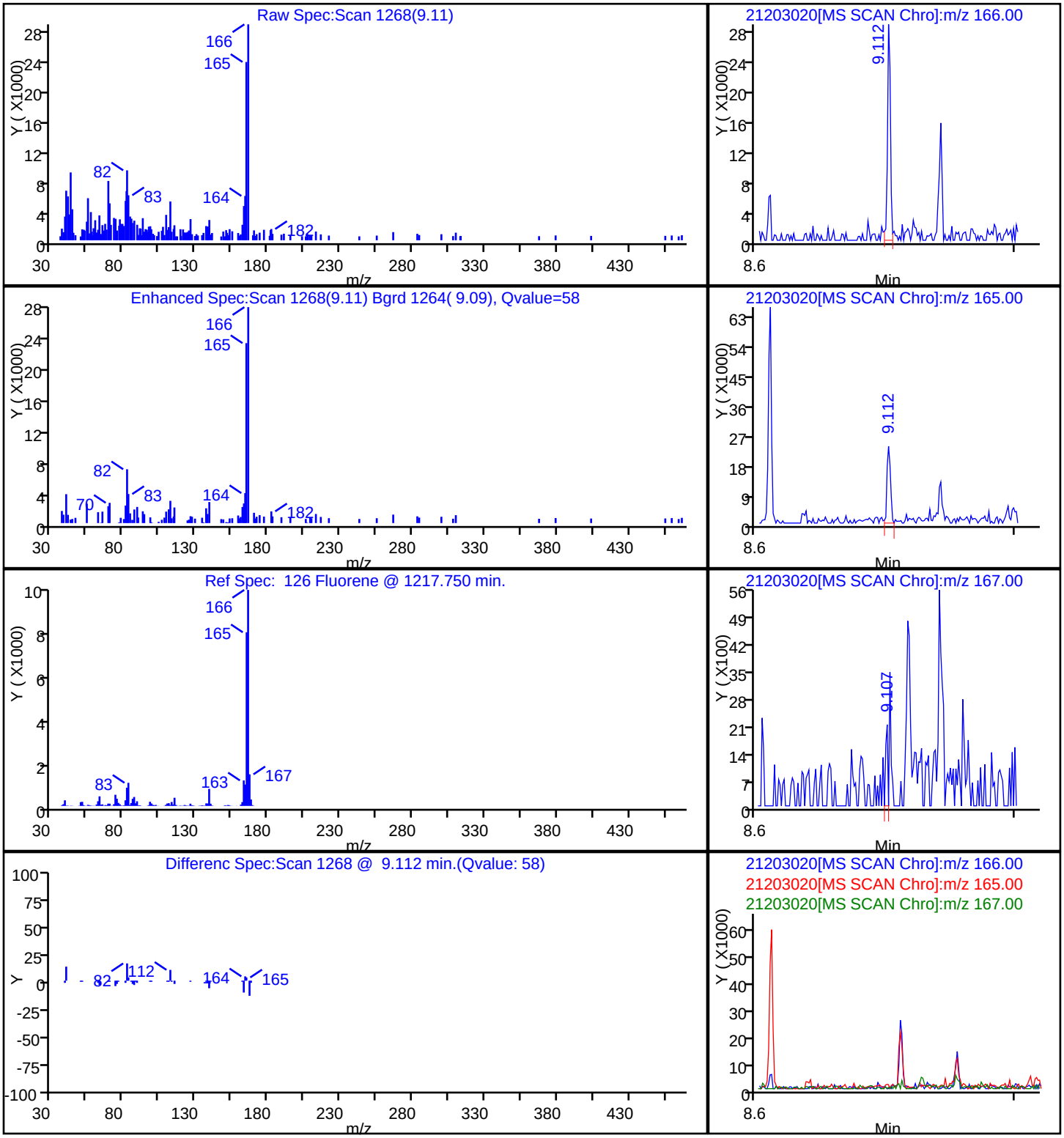


Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D		
Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



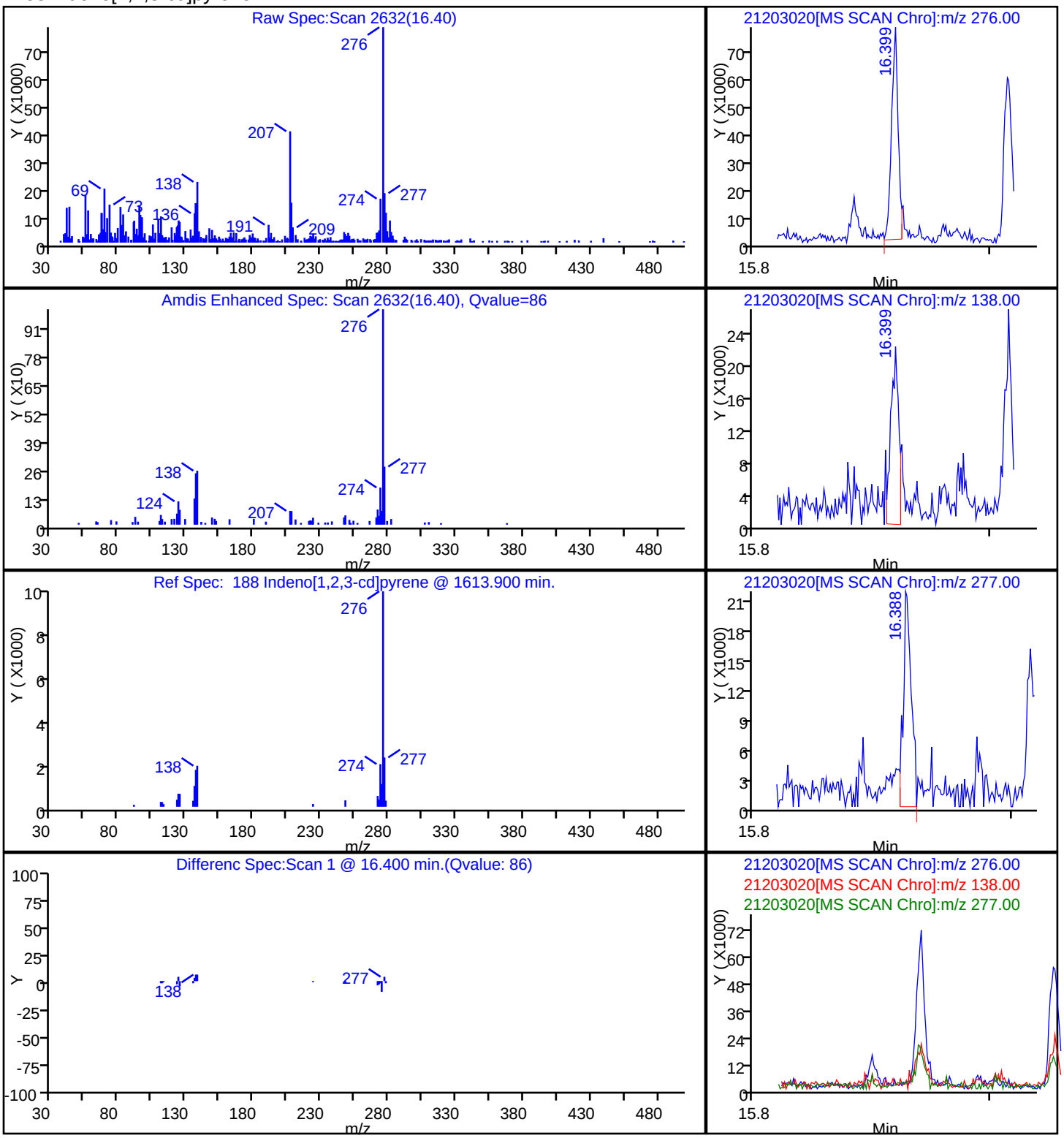
Report Date: 04-Dec-2012 09:30:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



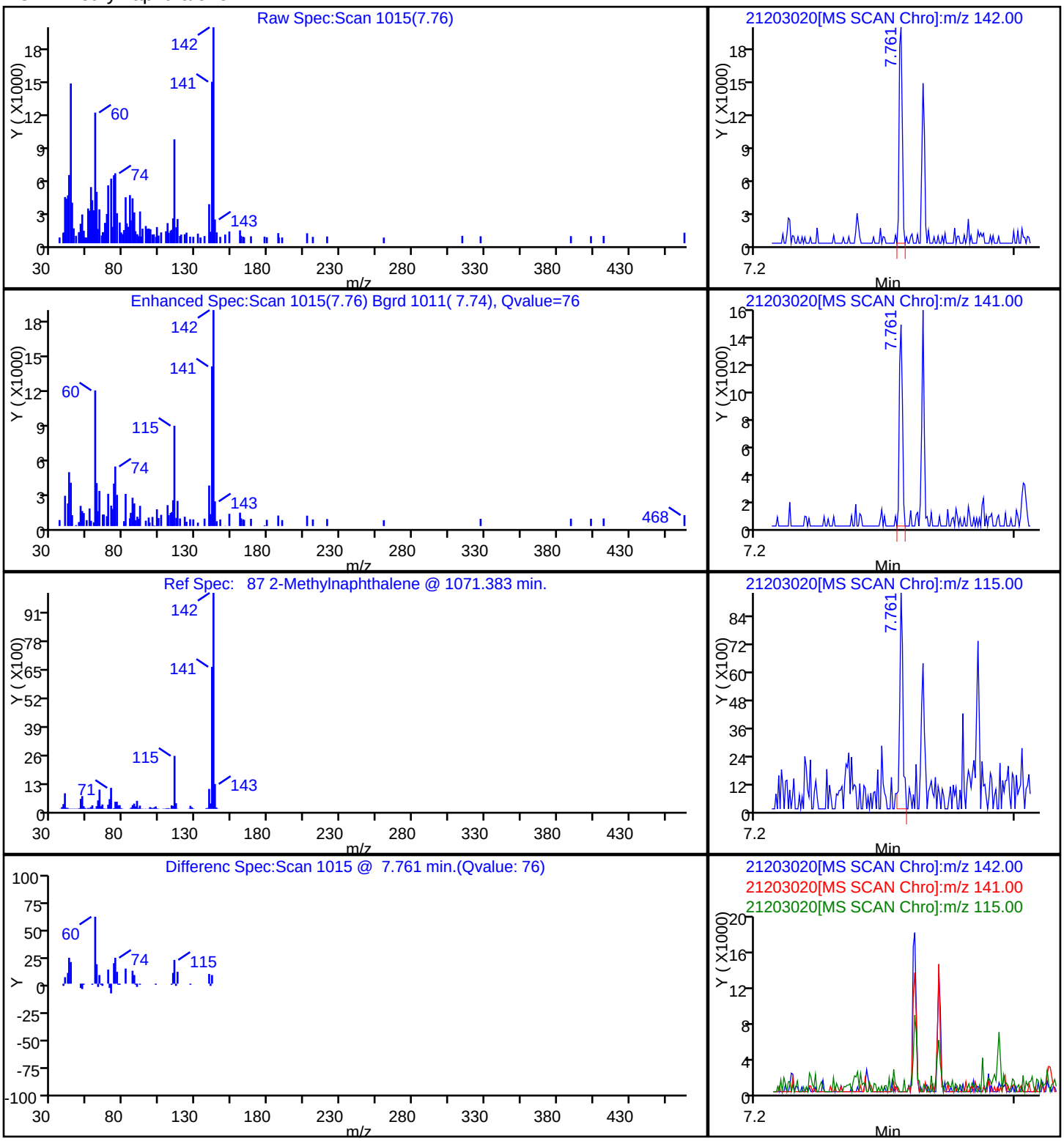
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



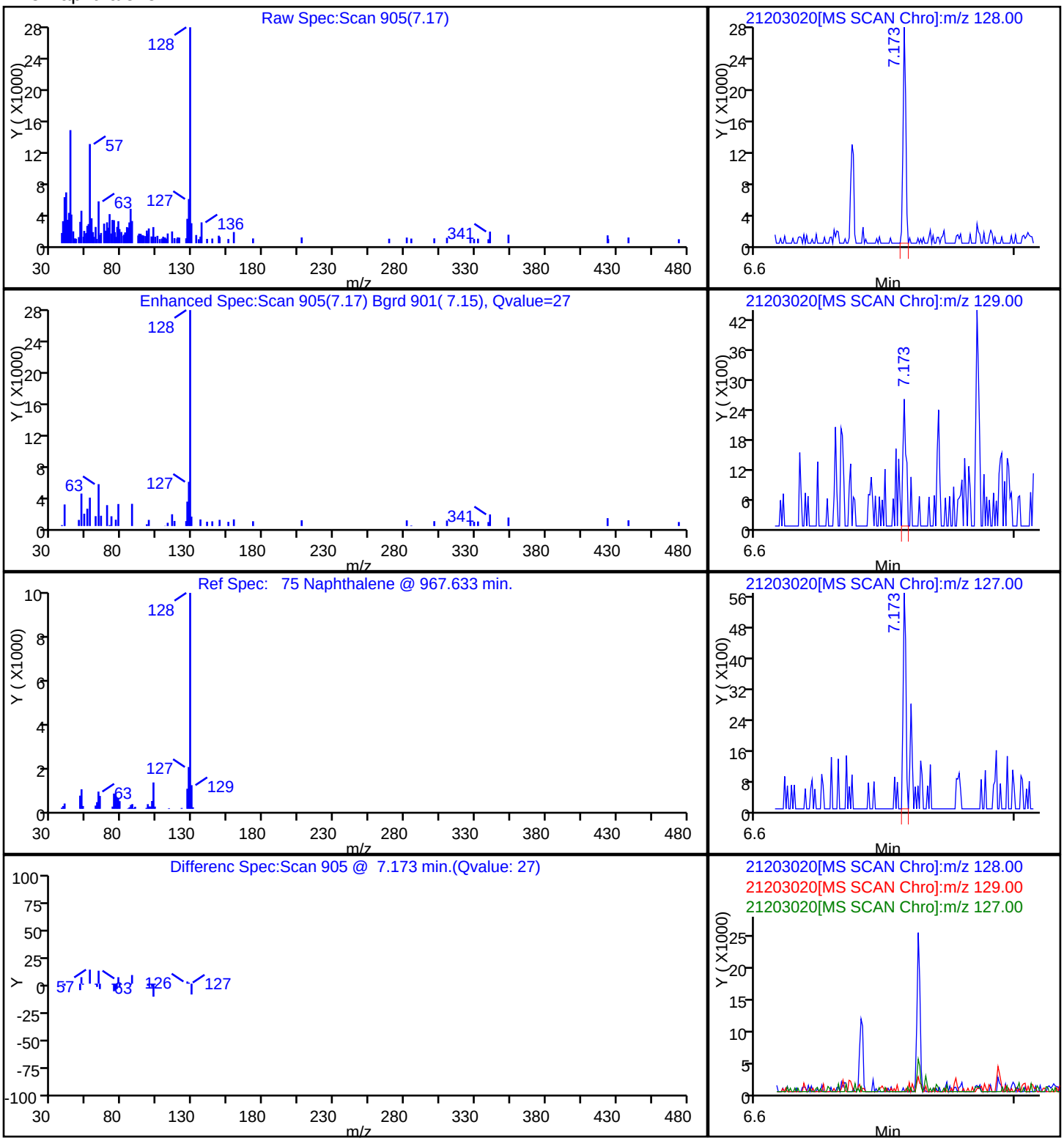
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



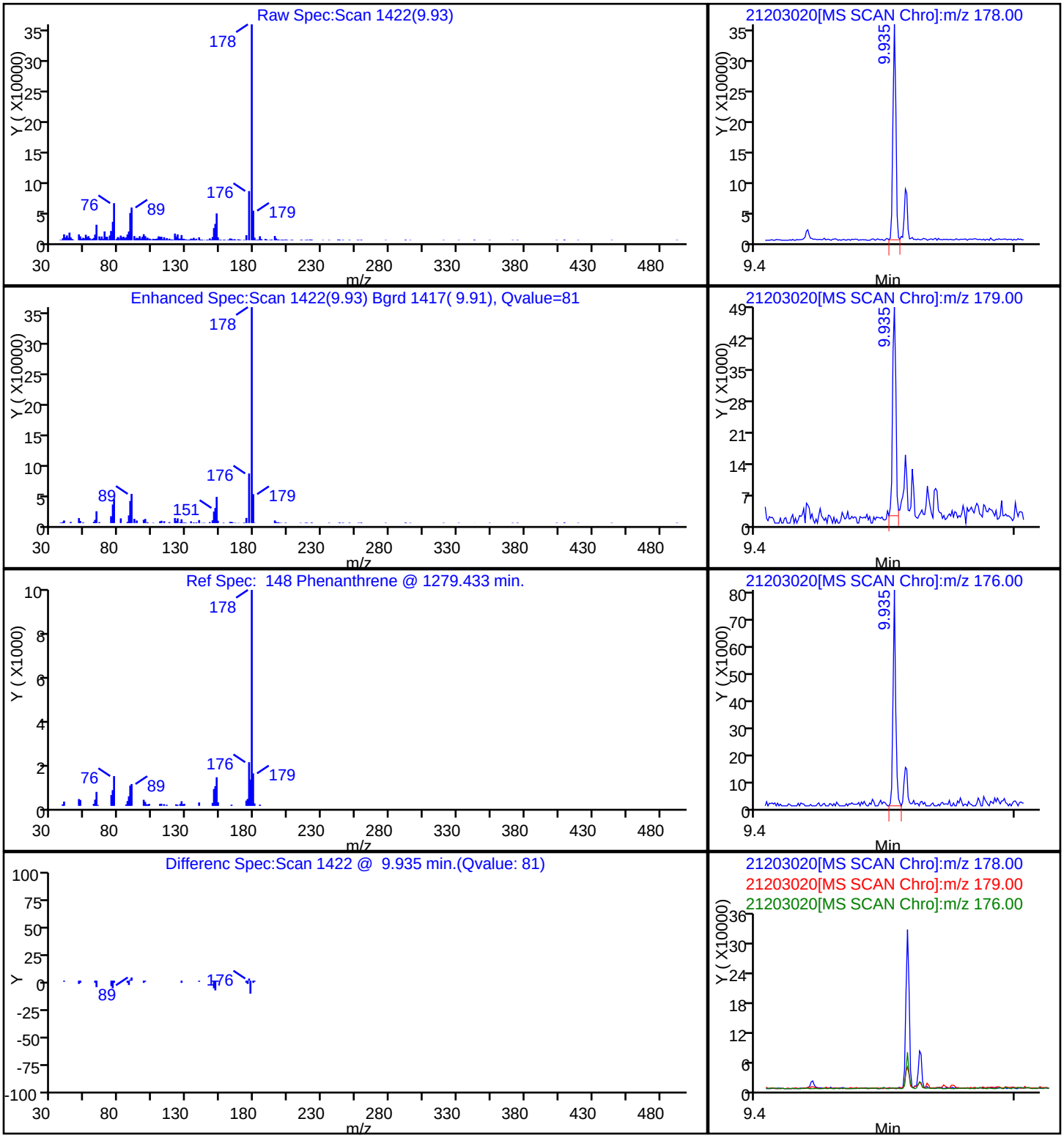
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



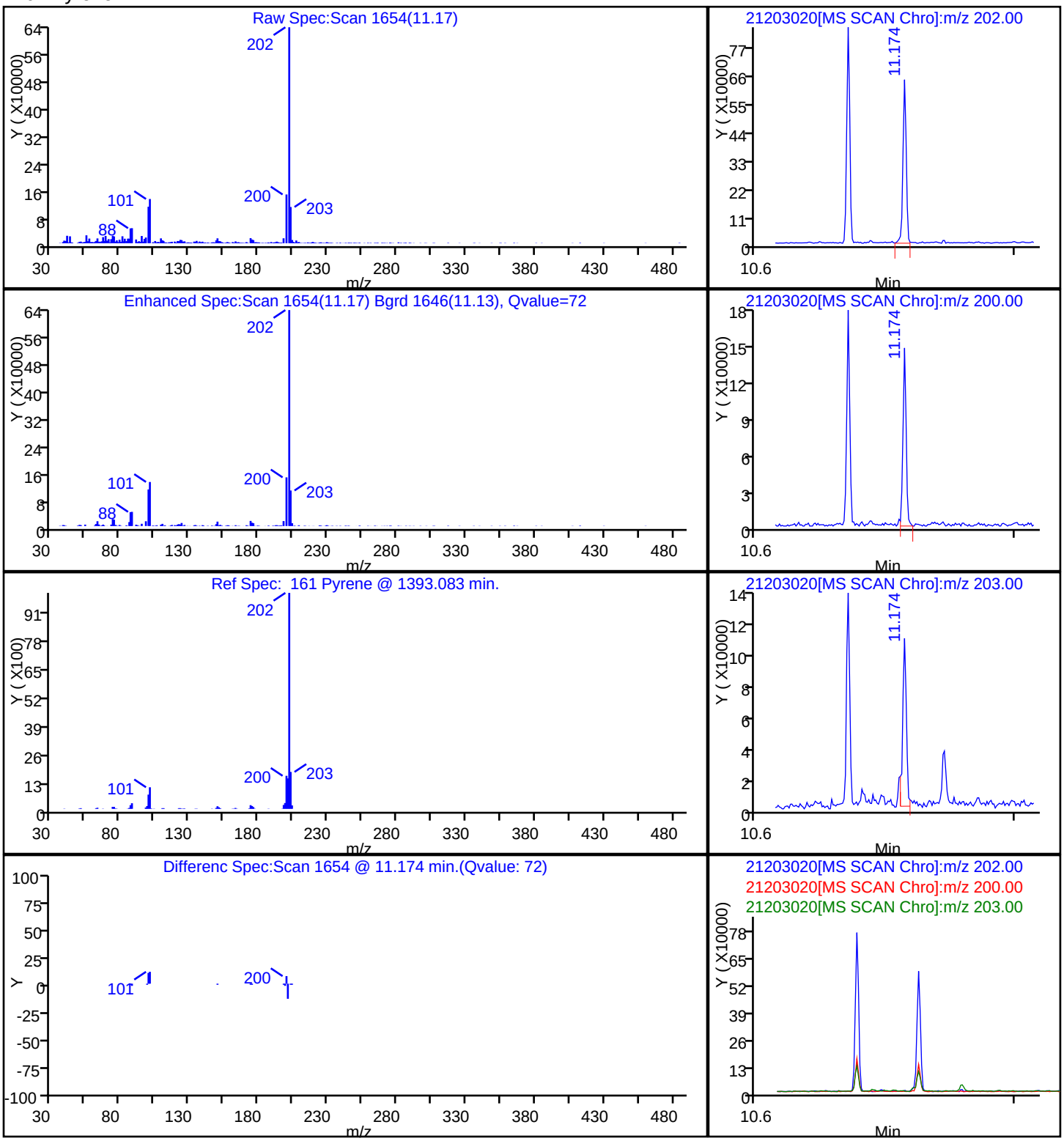
Report Date: 04-Dec-2012 09:30:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203020.D

Injection Date:	03-Dec-2012 19:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	20
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD RE | Lab Sample ID: 240-17467-4 RE

Matrix: Solid | Lab File ID: 21211023.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.44(g) | Date Analyzed: 12/11/2012 21:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 36.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	14	H	10	5.2	5.2
208-96-8	Acenaphthylene	10	H	10	5.2	5.2
120-12-7	Anthracene	42	H	10	5.2	5.2
56-55-3	Benzo[a]anthracene	160	H	10	5.2	5.2
50-32-8	Benzo[a]pyrene	180	H	10	5.2	5.2
205-99-2	Benzo[b]fluoranthene	230	H	10	5.2	5.2
191-24-2	Benzo[g,h,i]perylene	99	H M	10	5.2	5.2
65-85-0	Benzoic acid	520	U H	1000	520	520
207-08-9	Benzo[k]fluoranthene	100	H	10	5.2	5.2
100-51-6	Benzyl alcohol	34	J H	520	42	33
111-91-1	Bis(2-chloroethoxy)methane	42	U H	160	42	34
111-44-4	Bis(2-chloroethyl)ether	5.2	U H	160	5.2	3.1
108-60-1	bis (2-chloroisopropyl) ether	42	U H	160	42	15
117-81-7	Bis(2-ethylhexyl) phthalate	41	J H	78	42	30
101-55-3	4-Bromophenyl phenyl ether	42	U H	78	42	20
85-68-7	Butyl benzyl phthalate	42	U H	78	42	16
86-74-8	Carbazole	42	U H	78	42	42
106-47-8	4-Chloroaniline	42	U H	230	42	27
59-50-7	4-Chloro-3-methylphenol	42	U H	230	42	33
91-58-7	2-Chloronaphthalene	5.2	U H	78	5.2	5.2
95-57-8	2-Chlorophenol	42	U H	78	42	42
7005-72-3	4-Chlorophenyl phenyl ether	42	U H	78	42	20
218-01-9	Chrysene	170	H	10	5.2	1.7
53-70-3	Dibenz(a,h)anthracene	5.2	U H	10	5.2	5.2
132-64-9	Dibenzofuran	5.2	U H	78	5.2	5.2
106-46-7	1,4-Dichlorobenzene	42	U H	78	42	31
95-50-1	1,2-Dichlorobenzene	42	U H	78	42	15
541-73-1	1,3-Dichlorobenzene	42	U H	78	42	17
91-94-1	3,3'-Dichlorobenzidine	120	U H	160	120	28
120-83-2	2,4-Dichlorophenol	42	U H	230	42	31
84-66-2	Diethyl phthalate	42	U H	78	42	25
105-67-9	2,4-Dimethylphenol	120	U H	230	120	31
131-11-3	Dimethyl phthalate	42	U H	78	42	27
84-74-2	Di-n-butyl phthalate	42	U H	78	42	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD RE | Lab Sample ID: 240-17467-4 RE

Matrix: Solid | Lab File ID: 21211023.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.44(g) | Date Analyzed: 12/11/2012 21:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 36.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	*4,6-Dinitro-2-methylphenol*	*120*	*U H*	*230*	120	*120*
51-28-5	*2,4-Dinitrophenol*	*120*	*U H*	*520*	120	*120*
121-14-2	*2,4-Dinitrotoluene*	*42*	*U H*	*310*	42	*42*
606-20-2	*2,6-Dinitrotoluene*	*42*	*U H*	*310*	42	*33*
117-84-0	*Di-n-octyl phthalate*	*42*	*U H*	*78*	42	*42*
206-44-0	*Fluoranthene*	*370*	*H*	*10*	5.2	*5.2*
86-73-7	*Fluorene*	*19*	*H*	*10*	5.2	*5.2*
118-74-1	*Hexachlorobenzene*	*5.2*	*U H*	*10*	5.2	*3.3*
87-68-3	*Hexachlorobutadiene*	*42*	*U H*	*78*	42	*42*
77-47-4	*Hexachlorocyclopentadiene*	*42*	*U H*	*520*	42	*42*
67-72-1	*Hexachloroethane*	*42*	*U H*	*78*	42	*14*
193-39-5	*Indeno[1,2,3-cd]pyrene*	*89*	*H*	*10*	5.2	*5.2*
78-59-1	*Isophorone*	*42*	*U H*	*78*	42	*20*
91-57-6	*2-Methylnaphthalene*	*16*	*H*	*10*	5.2	*5.2*
95-48-7	*2-Methylphenol*	*120*	*U H*	*310*	120	*120*
15831-10-4	*3 & 4 Methylphenol*	*120*	*U H*	*620*	120	*31*
91-20-3	*Naphthalene*	*16*	*H*	*10*	5.2	*5.2*
88-74-4	*2-Nitroaniline*	*42*	*U H*	*310*	42	*14*
99-09-2	*3-Nitroaniline*	*120*	*U H*	*310*	120	*25*
100-01-6	*4-Nitroaniline*	*42*	*U H*	*310*	42	*41*
98-95-3	*Nitrobenzene*	*5.2*	*U H*	*160*	5.2	*3.4*
88-75-5	*2-Nitrophenol*	*42*	*U H*	*78*	42	*42*
100-02-7	*4-Nitrophenol*	*120*	*U H*	*520*	120	*120*
621-64-7	*N-Nitrosodi-n-propylamine*	*42*	*U H*	*78*	42	*42*
86-30-6	*N-Nitrosodiphenylamine*	*42*	*U H*	*78*	42	*33*
87-86-5	*Pentachlorophenol*	*120*	*U H*	*230*	120	*120*
85-01-8	*Phenanthrene*	*190*	*H*	*10*	5.2	*5.2*
108-95-2	*Phenol*	*42*	*U H*	*78*	42	*42*
129-00-0	*Pyrene*	*270*	*H*	*10*	5.2	*5.2*
120-82-1	*1,2,4-Trichlorobenzene*	*42*	*U H*	*78*	42	*42*
95-95-4	*2,4,5-Trichlorophenol*	*42*	*U H*	*230*	42	*39*
88-06-2	*2,4,6-Trichlorophenol*	*120*	*U H*	*230*	120	*120*

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD RE | Lab Sample ID: 240-17467-4 RE

Matrix: Solid | Lab File ID: 21211023.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.44(g) | Date Analyzed: 12/11/2012 21:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 36.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	70		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	71		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125
4165-62-2	Phenol-d5 (Surr)	77		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D
Lims ID: 240-17467-E-4-F Client ID: 075SD-0003-0001-SD
Inject. Date: 11-Dec-2012 21:45:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015722-023
Misc. Info.: 240-17467-E-4-F =240-17467-E-4-F
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 68161 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 08:51:59 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 08:37:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.096	6.099	-0.003	87	99358	4.00	
* 2 Naphthalene-d8	136	7.202	7.205	-0.003	98	422697	4.00	
* 3 Acenaphthene-d10	164	8.703	8.706	-0.003	77	257827	4.00	
* 4 Phenanthrene-d10	188	9.969	9.972	-0.003	96	429128	4.00	
* 5 Chrysene-d12	240	12.614	12.622	-0.008	74	442358	4.00	
* 6 Perylene-d12	264	14.777	14.791	-0.014	82	323853	4.00	
$ 7 2-Fluorophenol	112	4.889	4.881	0.008	93	379548	10.5	
$ 8 Phenol-d5	99	5.738	5.736	0.002	0	607492	11.5	
$ 9 Nitrobenzene-d5	82	6.577	6.580	-0.003	84	425874	5.94	
$ 10 2-Fluorobiphenyl (Surr)	172	8.110	8.113	-0.003	99	556601	5.61	
$ 11 2,4,6-Tribromophenol	330	9.366	9.369	-0.003	77	85057	10.9	
$ 12 Terphenyl-d14	244	11.353	11.356	-0.003	97	632112	7.11	
43 Phenol	94		5.747					9
69 Bis(2-chloroethyl)ether	93		5.848					
46 2-Chlorophenol	128		5.907					
47 1,3-Dichlorobenzene	146		6.051					9
48 1,4-Dichlorobenzene	146		6.115					9
49 Benzyl alcohol	108	6.198	6.206	-0.008	66	8407	0.3237	
50 1,2-Dichlorobenzene	146		6.254					9
51 2-Methylphenol	108		6.286					9
53 2,2'-oxybis[1-chloropropane]	45		6.324					9
21 3 & 4 Methylphenol	108		6.414					9
57 N-Nitrosodi-n-propylamine	70		6.430					
61 Hexachloroethane	117		6.553					
62 Nitrobenzene	77		6.596					
64 Isophorone	82		6.794					
66 2-Nitrophenol	139		6.869					
65 2,4-Dimethylphenol	107		6.879					9
71 Benzoic acid	122	6.897	6.933	-0.036	77	42309	2.86	
70 Bis(2-chloroethoxy)methane	93		6.965					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		7.066					
74 1,2,4-Trichlorobenzene	180		7.152					9
75 Naphthalene	128	7.223	7.226	-0.003	45	16937	0.1571	
76 4-Chloroaniline	127		7.253					
79 Hexachlorobutadiene	225		7.317					
86 4-Chloro-3-methylphenol	107		7.643					
87 2-Methylnaphthalene	142	7.811	7.814	-0.003	55	11456	0.1581	
89 Hexachlorocyclopentadiene	237		7.942					
92 2,4,6-Trichlorophenol	196		8.038					
93 2,4,5-Trichlorophenol	196		8.071					
100 2-Chloronaphthalene	162		8.231					9
102 2-Nitroaniline	65		8.300					
105 Dimethyl phthalate	163		8.439					9
107 2,6-Dinitrotoluene	165		8.498					9
109 Acenaphthylene	152	8.586	8.589	-0.003	54	11170	0.0995	
110 3-Nitroaniline	138		8.647					
112 Acenaphthene	153	8.730	8.733	-0.003	46	9935	0.1372	
111 2,4-Dinitrophenol	184		8.733					
113 4-Nitrophenol	109		8.749					
114 2,4-Dinitrotoluene	165		8.840					9
116 Dibenzofuran	168		8.877					
121 Diethyl phthalate	149		9.032					9
123 4-Chlorophenyl phenyl ether	204		9.150					9
125 4-Nitroaniline	138		9.166					
126 Fluorene	166	9.168	9.171	-0.003	57	15544	0.1873	
128 4,6-Dinitro-2-methylphenol	198		9.187					
131 N-Nitrosodiphenylamine	169		9.246					
139 4-Bromophenyl phenyl ether	248		9.572					
141 Hexachlorobenzene	284		9.636					
143 Pentachlorophenol	266		9.796					
148 Phenanthrene	178	9.985	9.994	-0.009	78	217950	1.86	
149 Anthracene	178	10.033	10.036	-0.003	67	46002	0.4064	
151 Carbazole	167	10.151	10.159	-0.008	66	36527	0.3414	
154 Di-n-butyl phthalate	149		10.410					
159 Fluoranthene	202	11.016	11.019	-0.003	75	445307	3.55	
161 Pyrene	202	11.235	11.244	-0.009	72	350235	2.64	
168 Butyl benzyl phthalate	149		11.858					
175 3,3'-Dichlorobenzidine	252		12.542					9
173 Bis(2-ethylhexyl) phthalate	149	12.549	12.563	-0.014	82	31418	0.3921	
177 Benzo[a]anthracene	228	12.603	12.606	-0.003	87	188446	1.54	
178 Chrysene	228	12.651	12.659	-0.008	89	181634	1.61	
180 Di-n-octyl phthalate	149		13.514					
182 Benzo[b]fluoranthene	252	14.173	14.182	-0.009	84	226488	2.25	
183 Benzo[k]fluoranthene	252	14.205	14.225	-0.020	1	95446	0.9578	
184 Benzo[a]pyrene	252	14.692	14.700	-0.008	59	153414	1.70	
188 Indeno[1,2,3-cd]pyrene	276	16.529	16.543	-0.014	92	84669	0.8526	
189 Dibenz(a,h)anthracene	278		16.570					
190 Benzo[g,h,i]perylene	276	17.026	17.035	-0.009	76	78196	0.9501	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

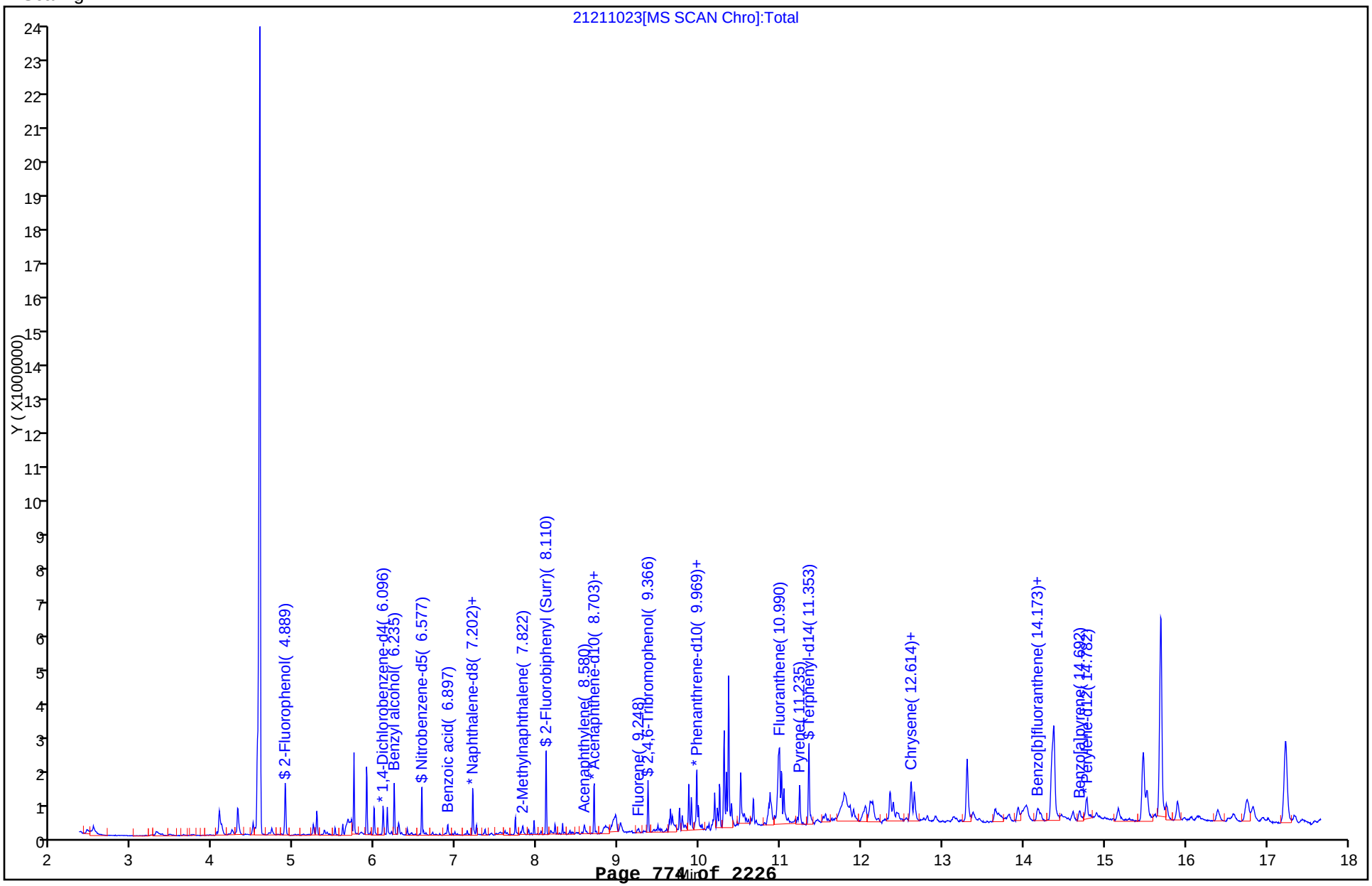
Review Flags
M - Manually Integrated

Report Date: 12-Dec-2012 08:52:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D		
Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



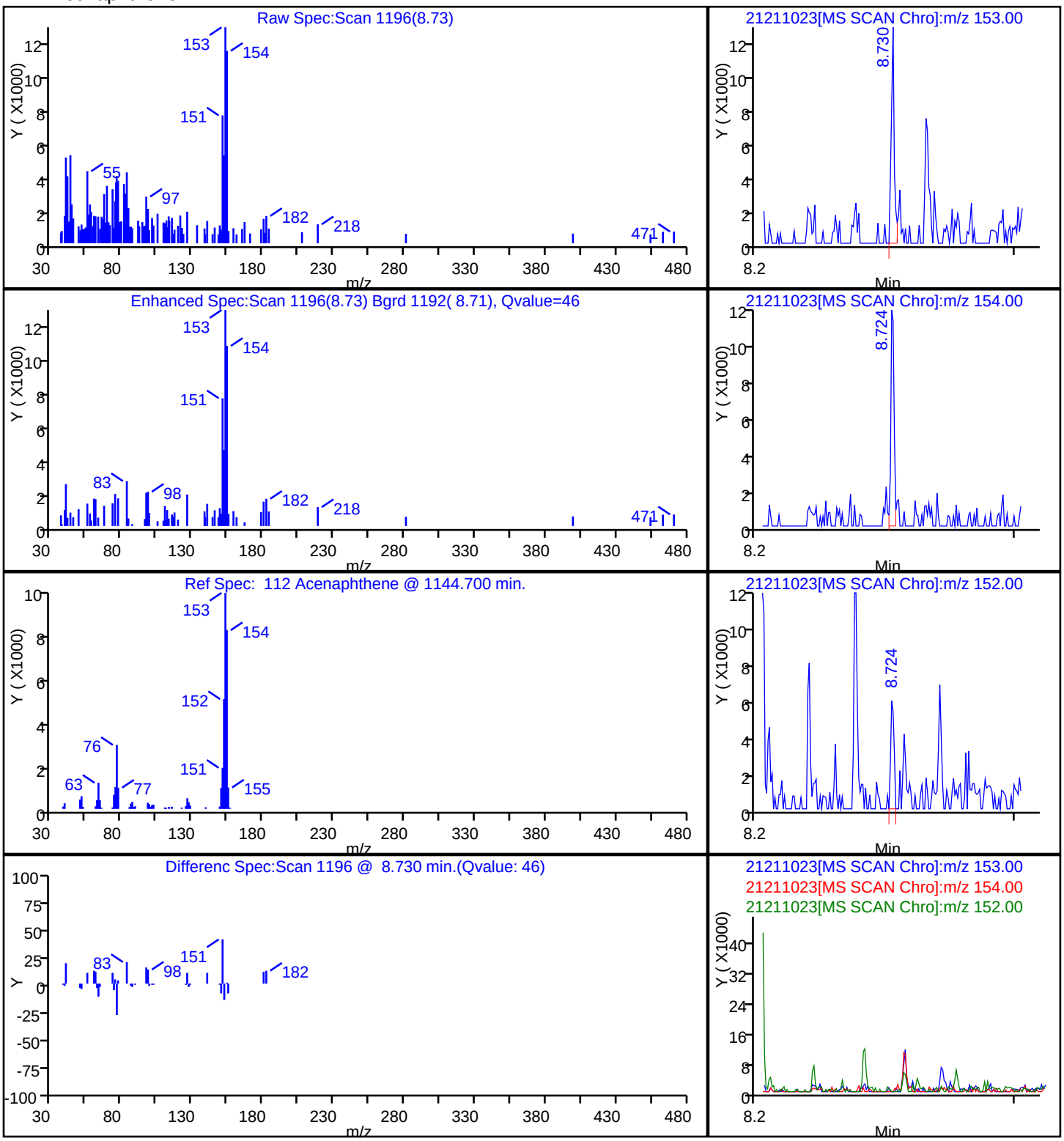
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



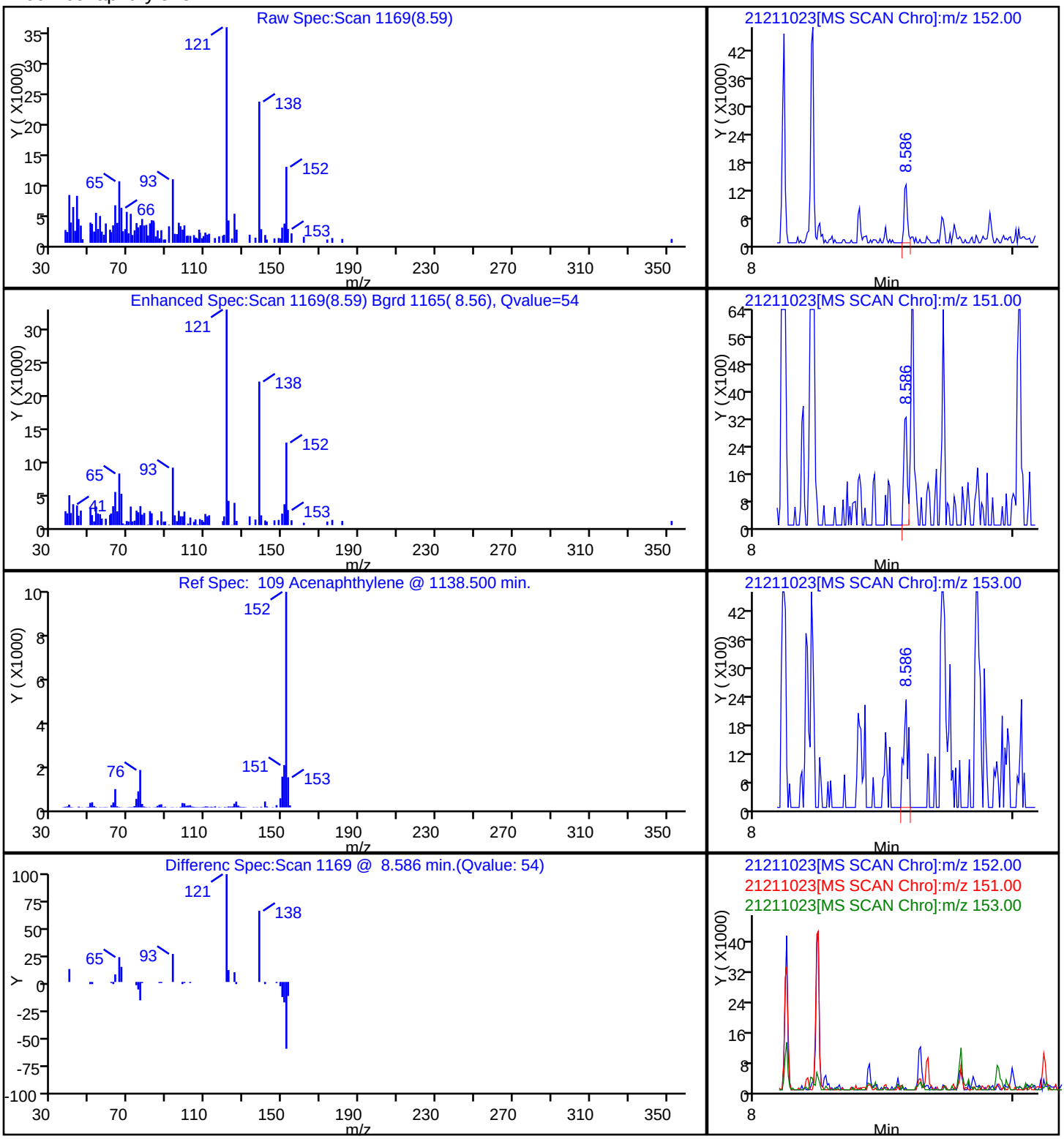
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



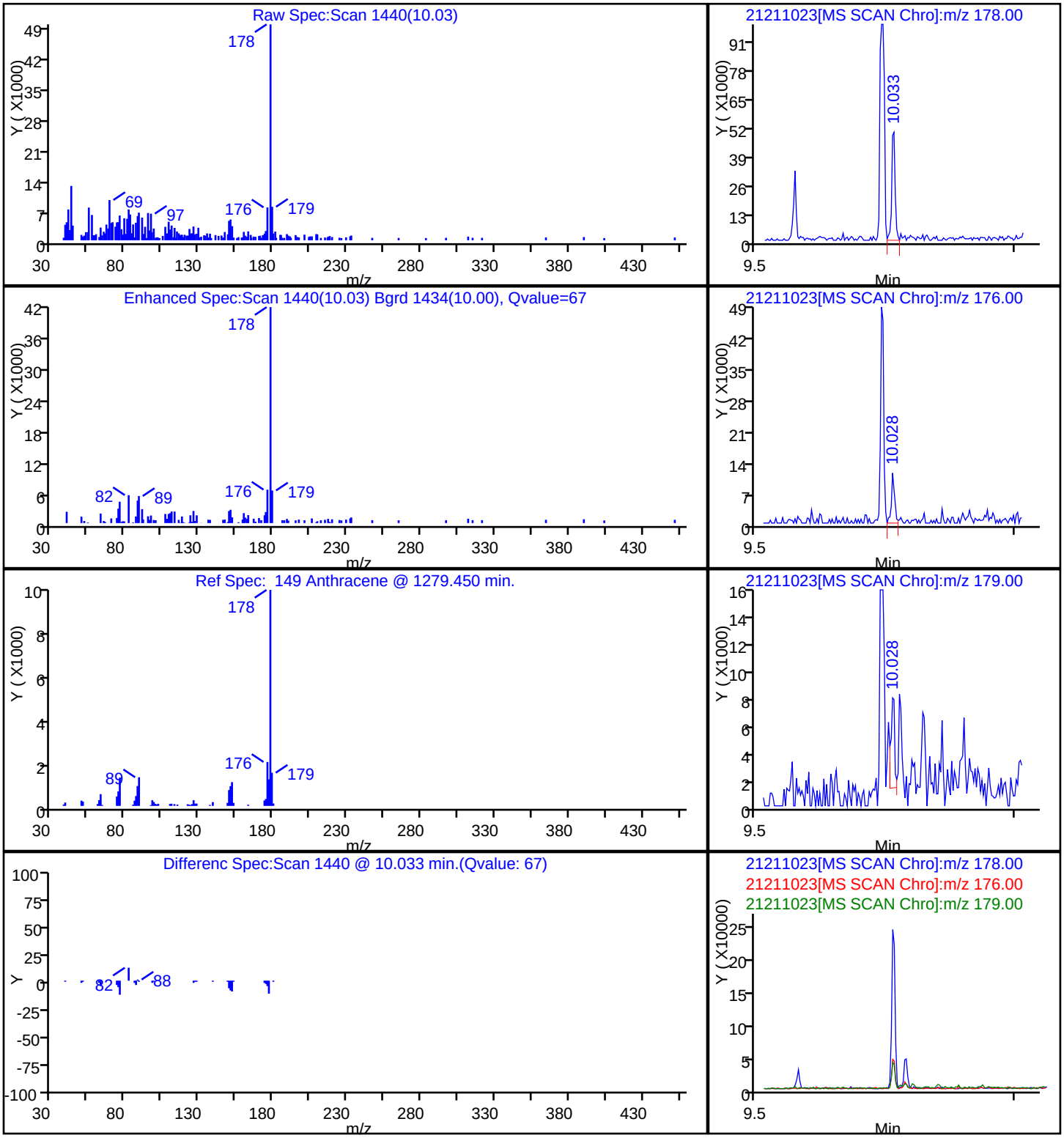
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



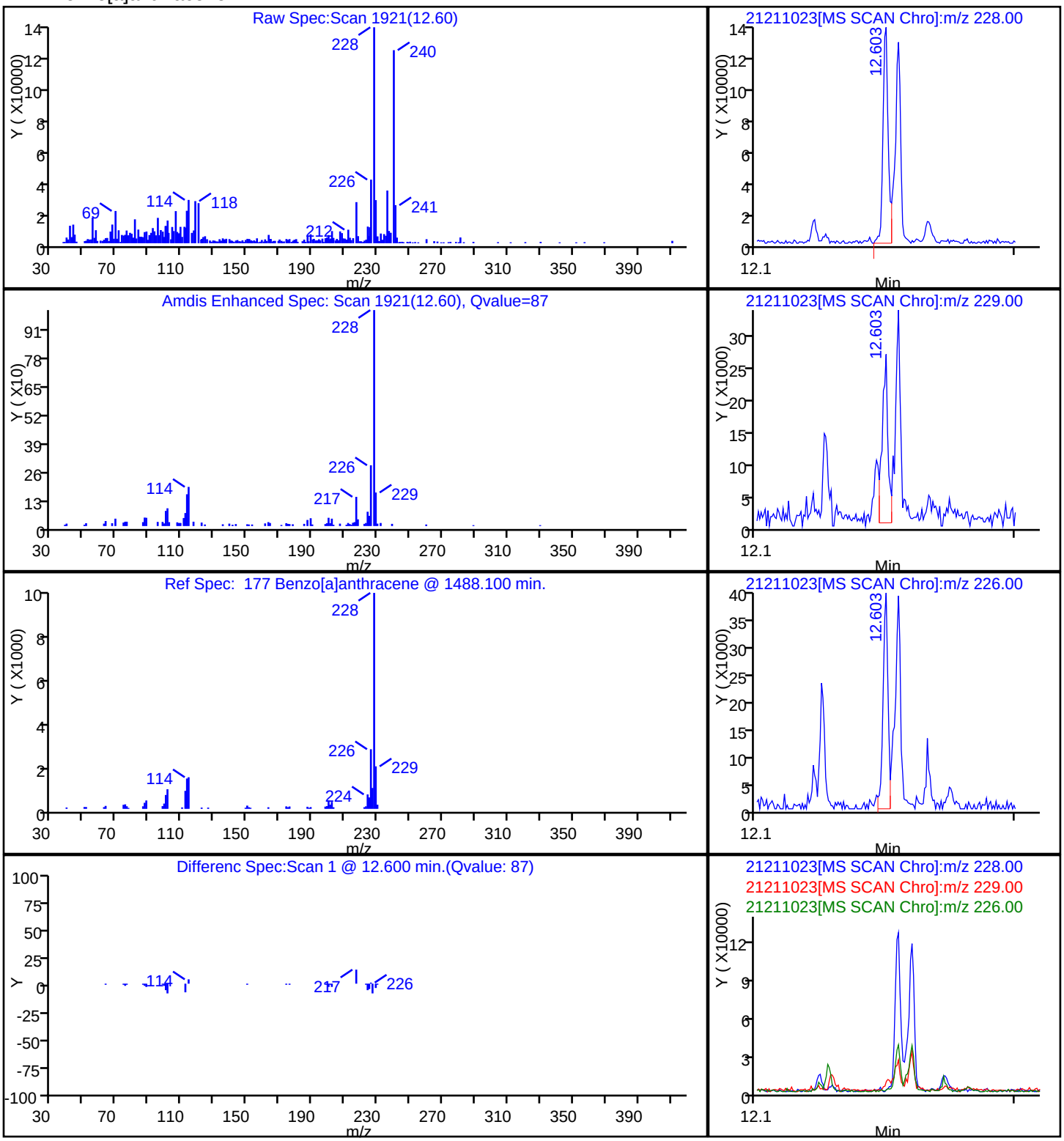
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



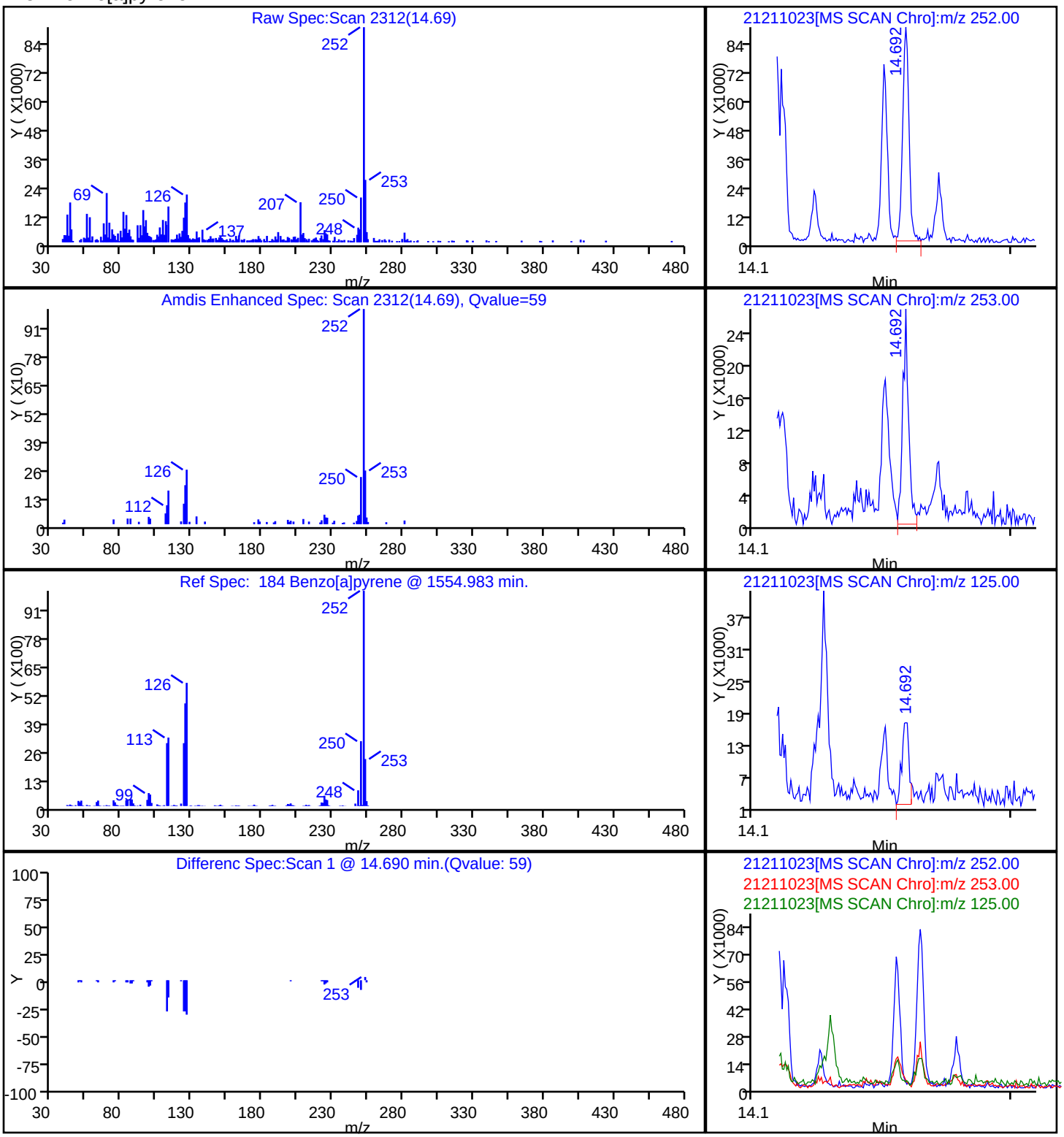
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



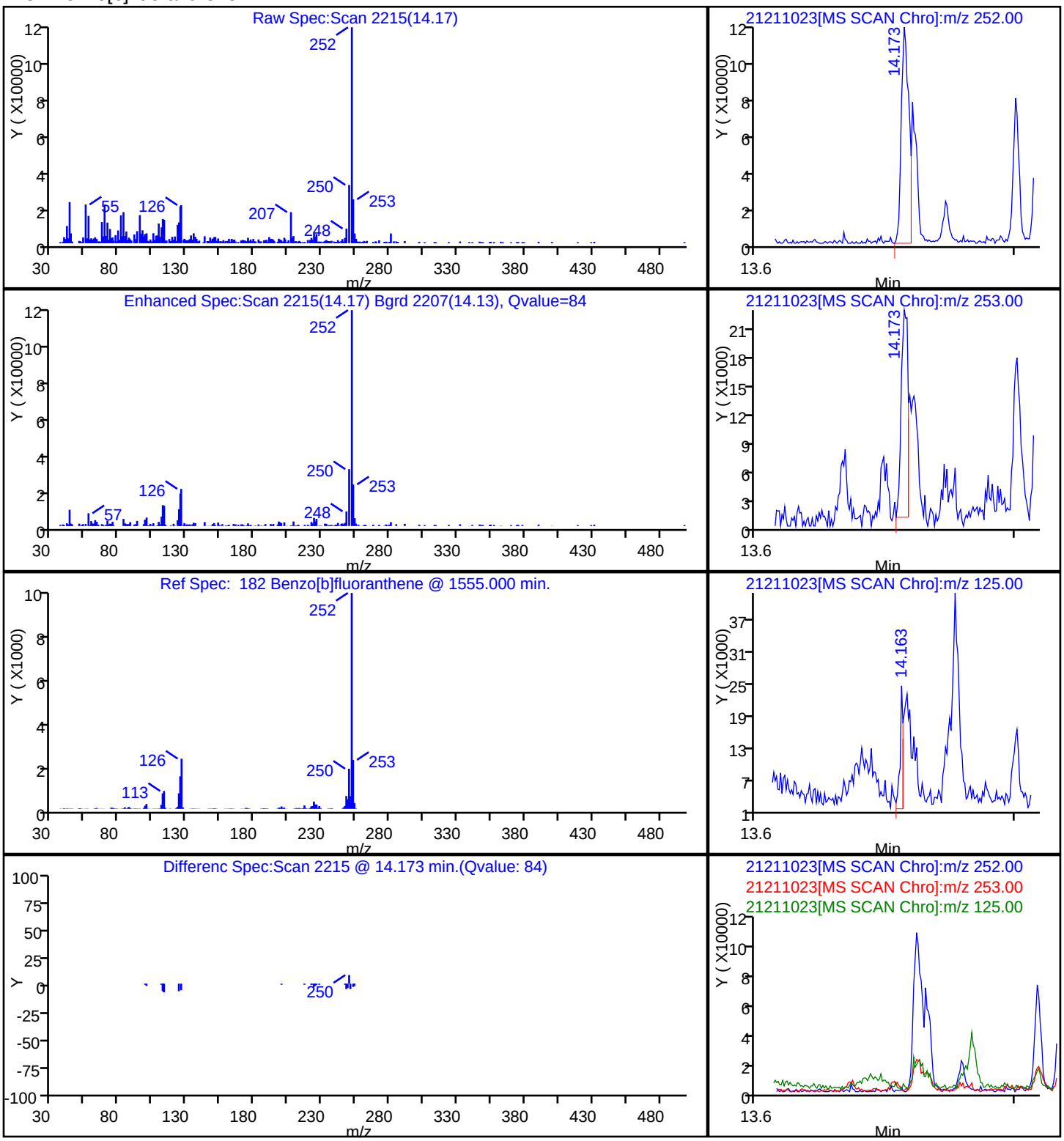
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



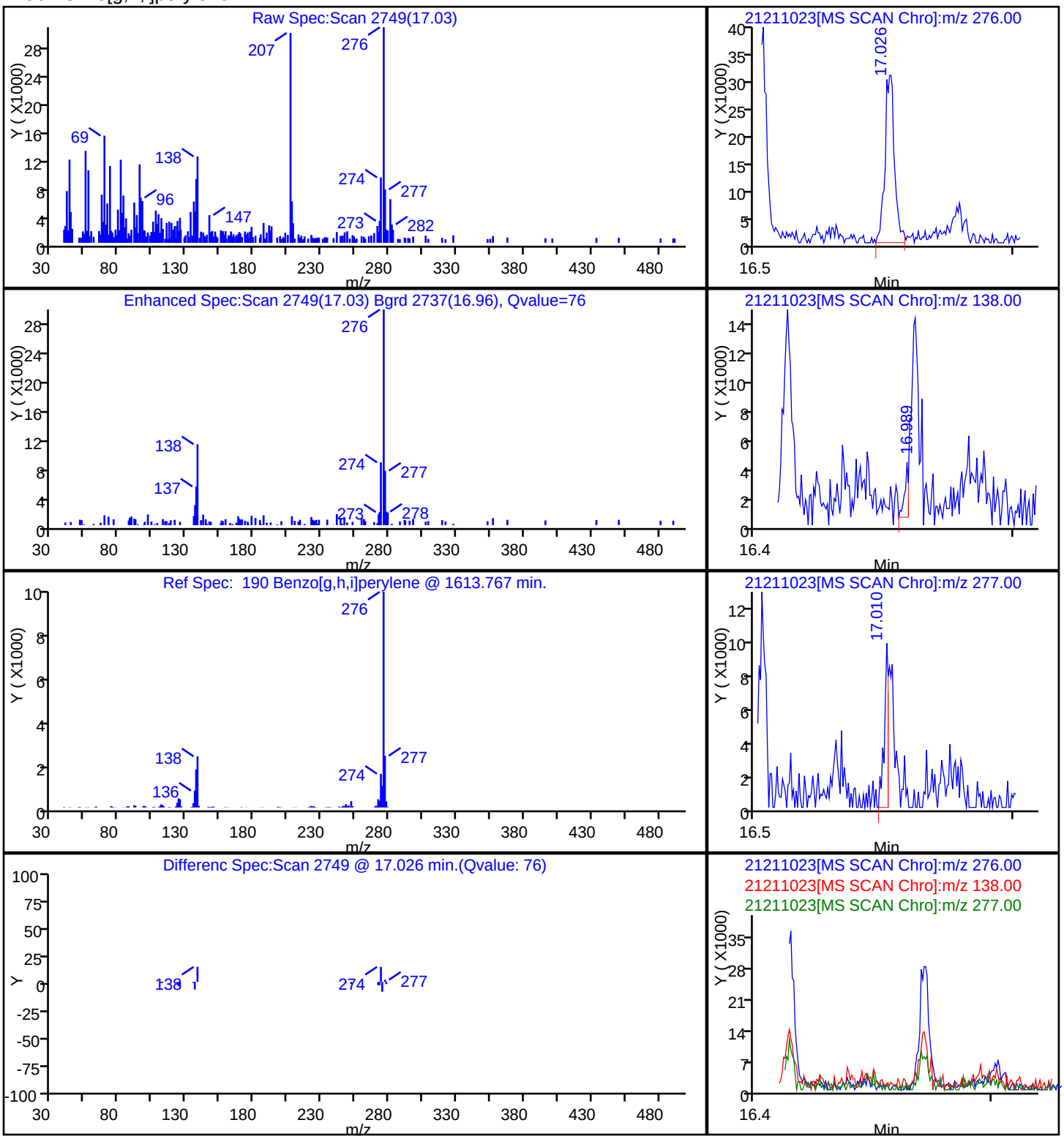
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



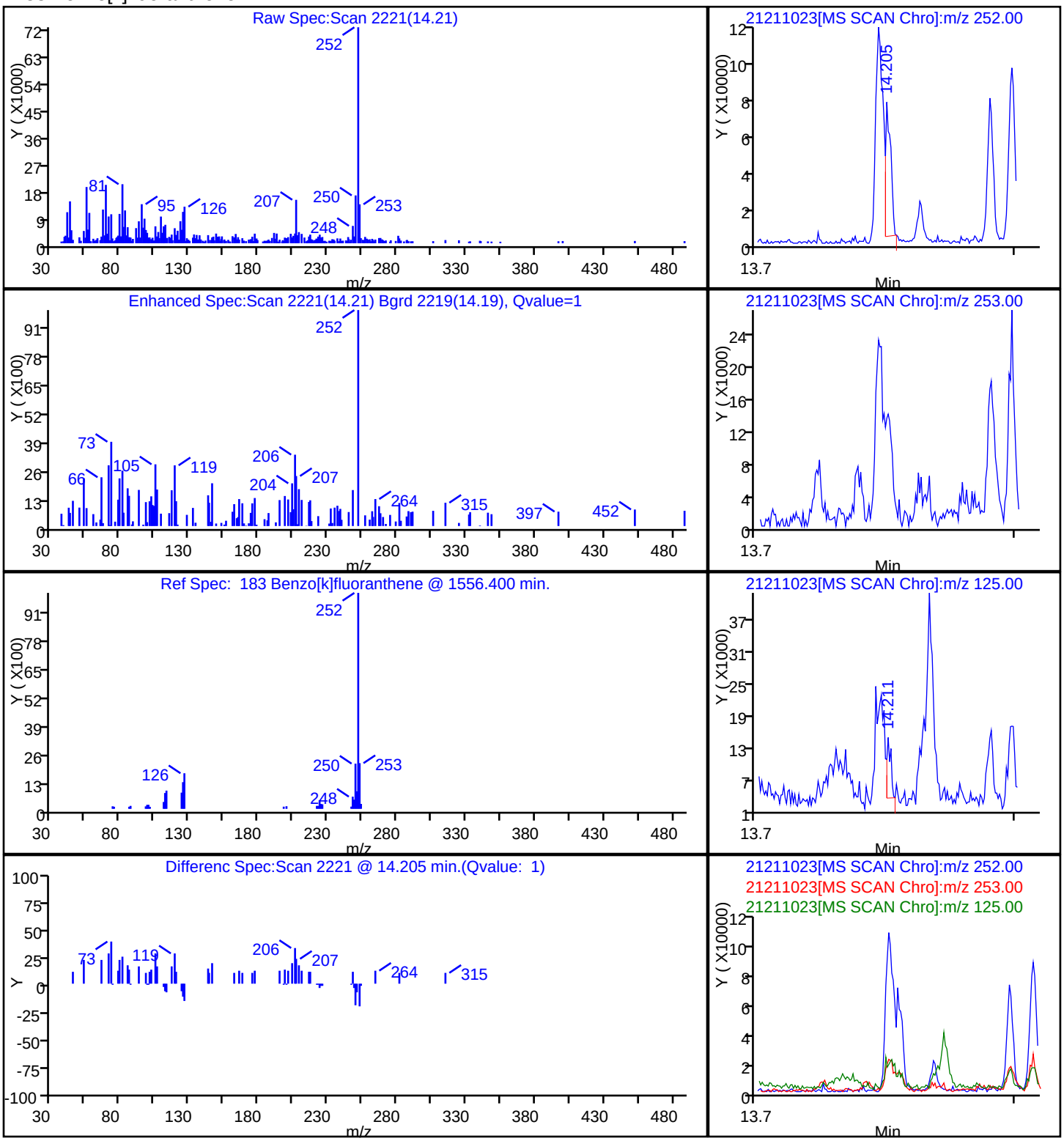
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



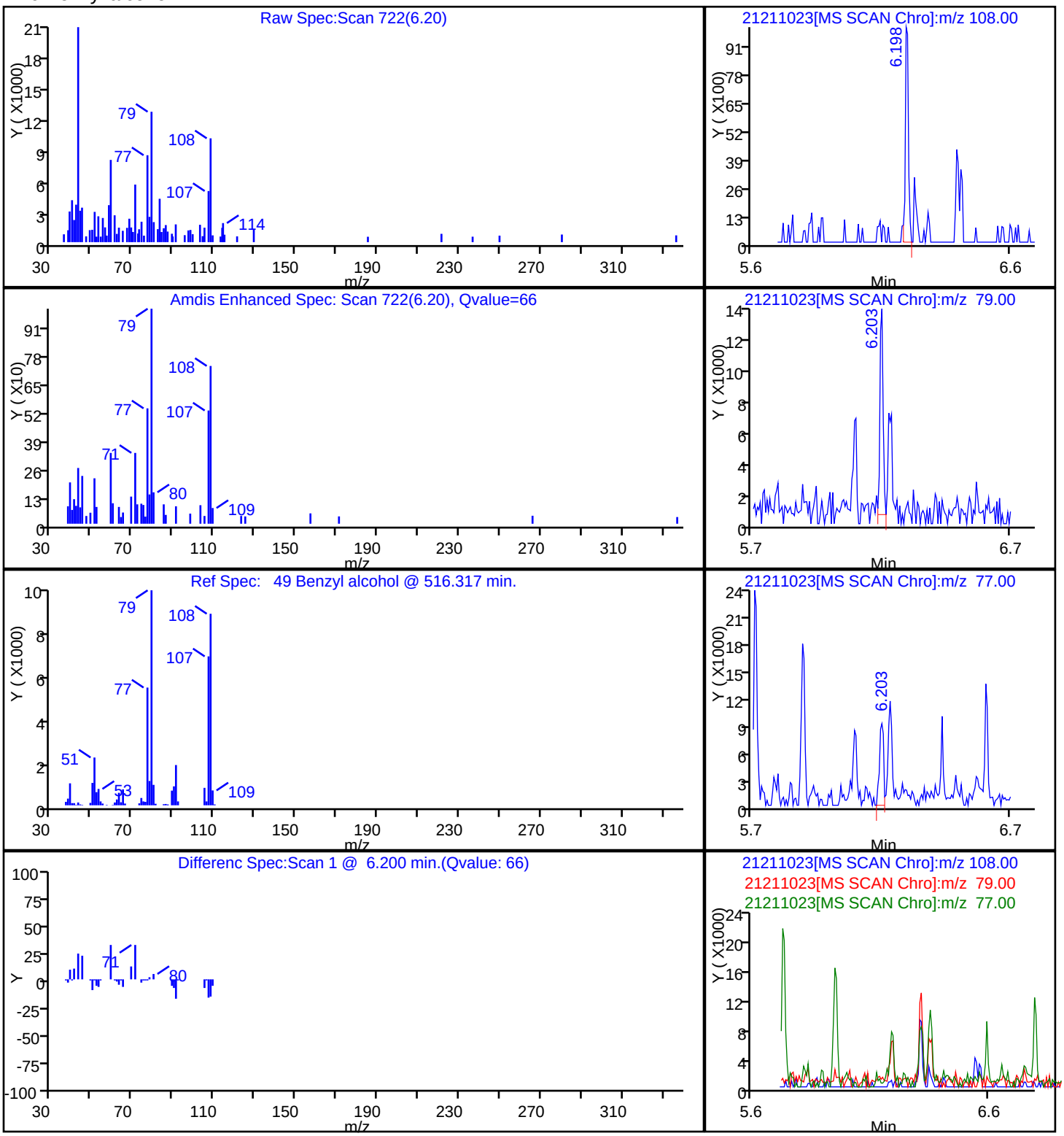
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

49 Benzyl alcohol



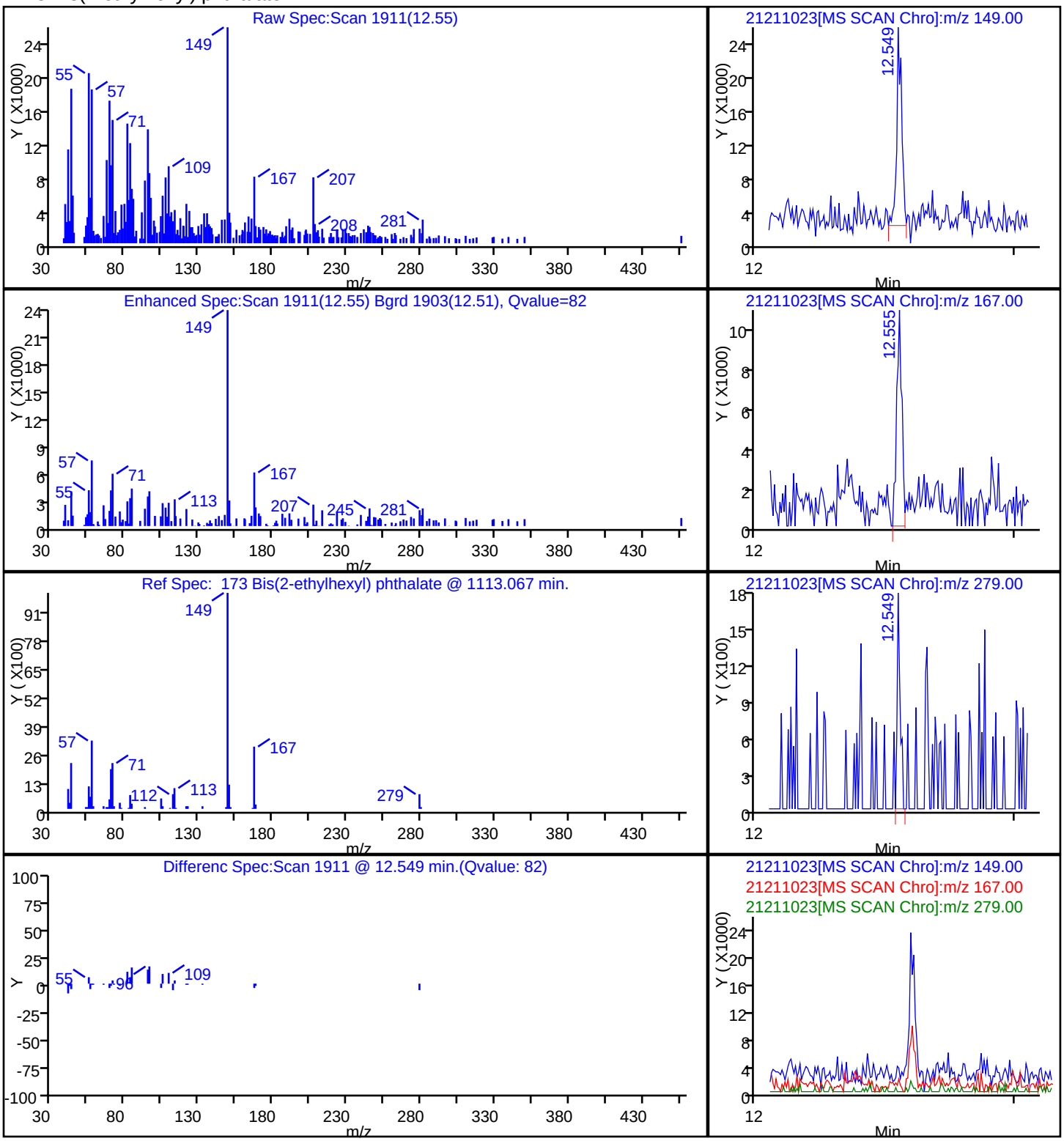
Report Date: 12-Dec-2012 08:52:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



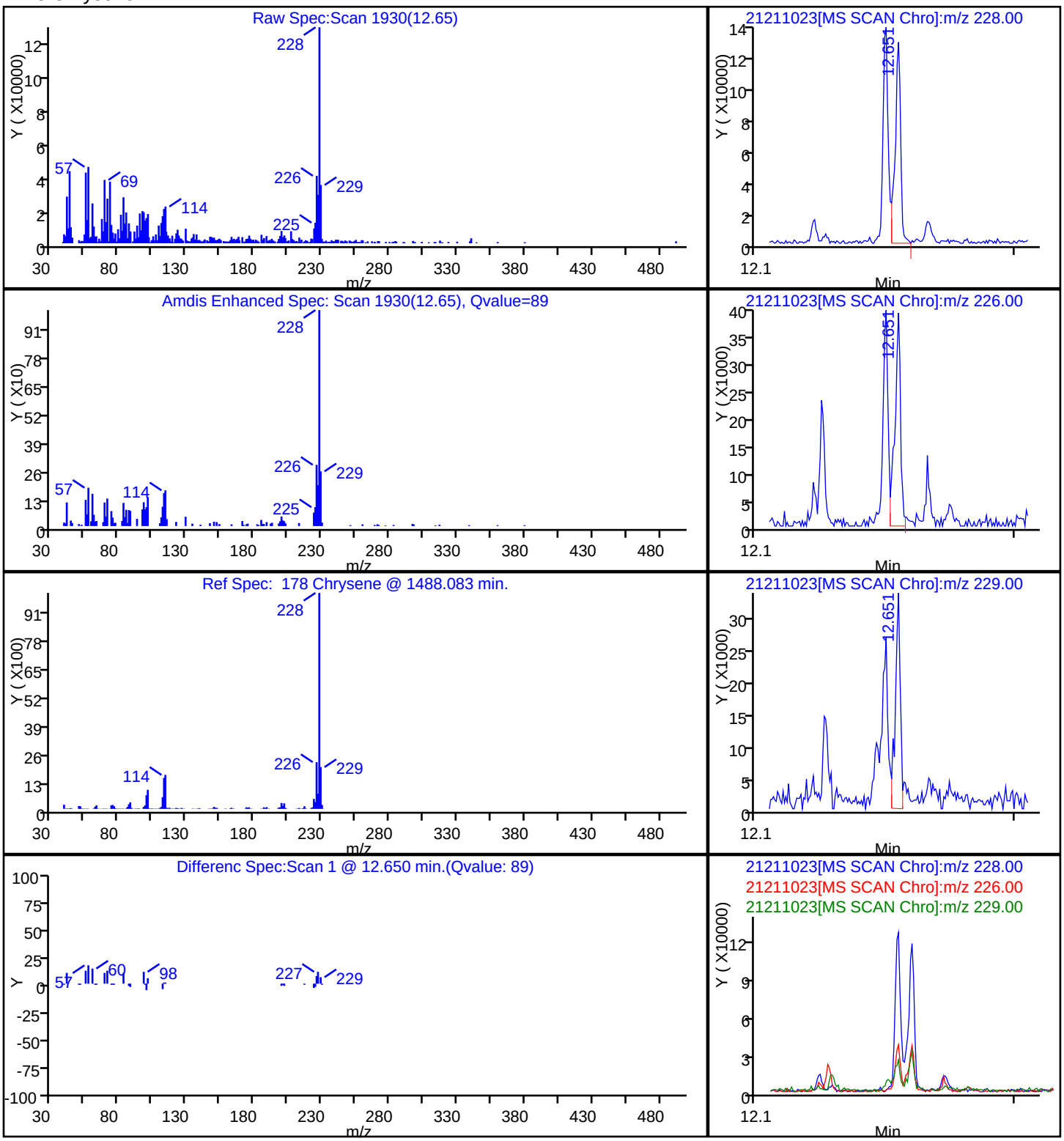
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



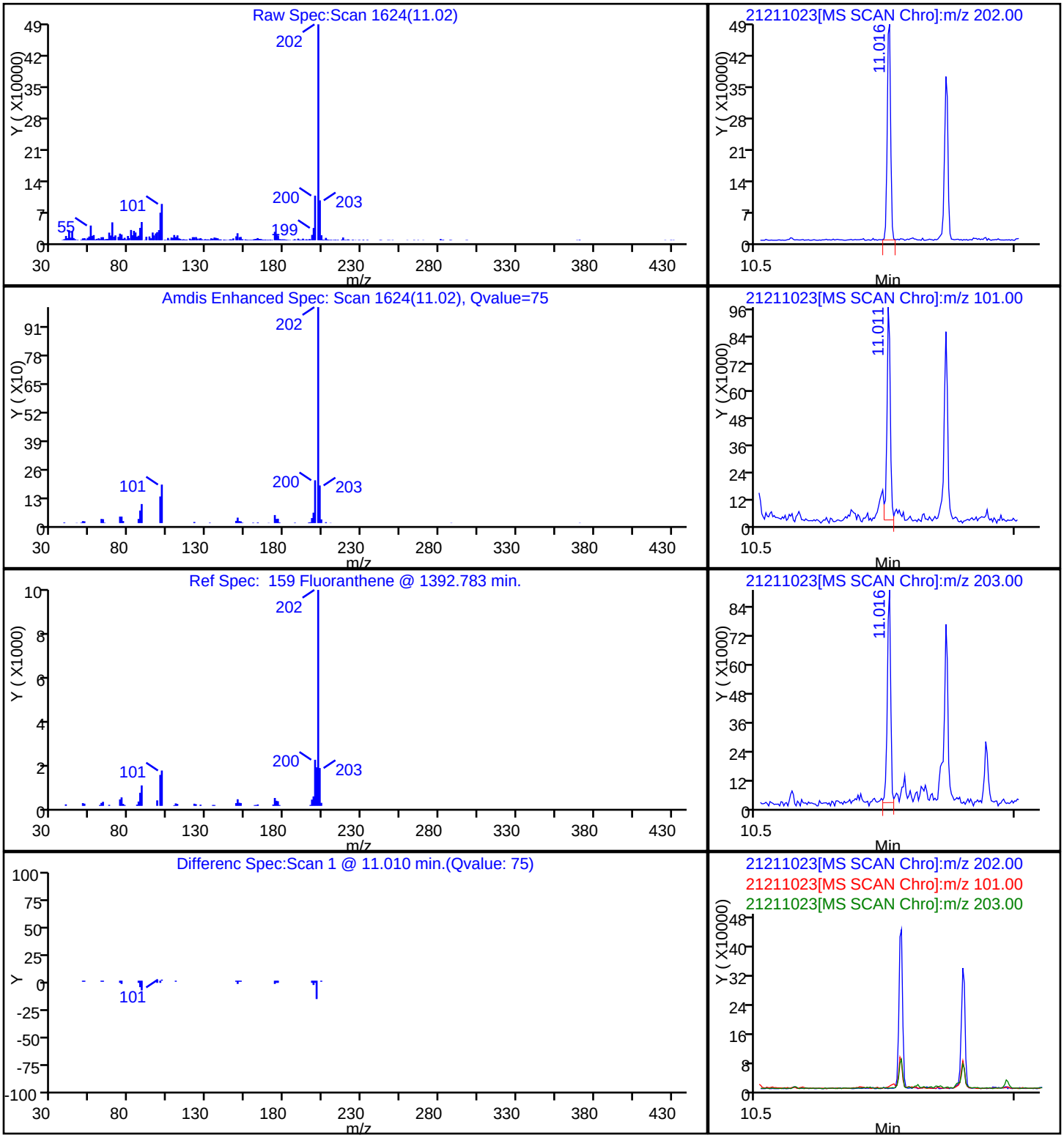
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



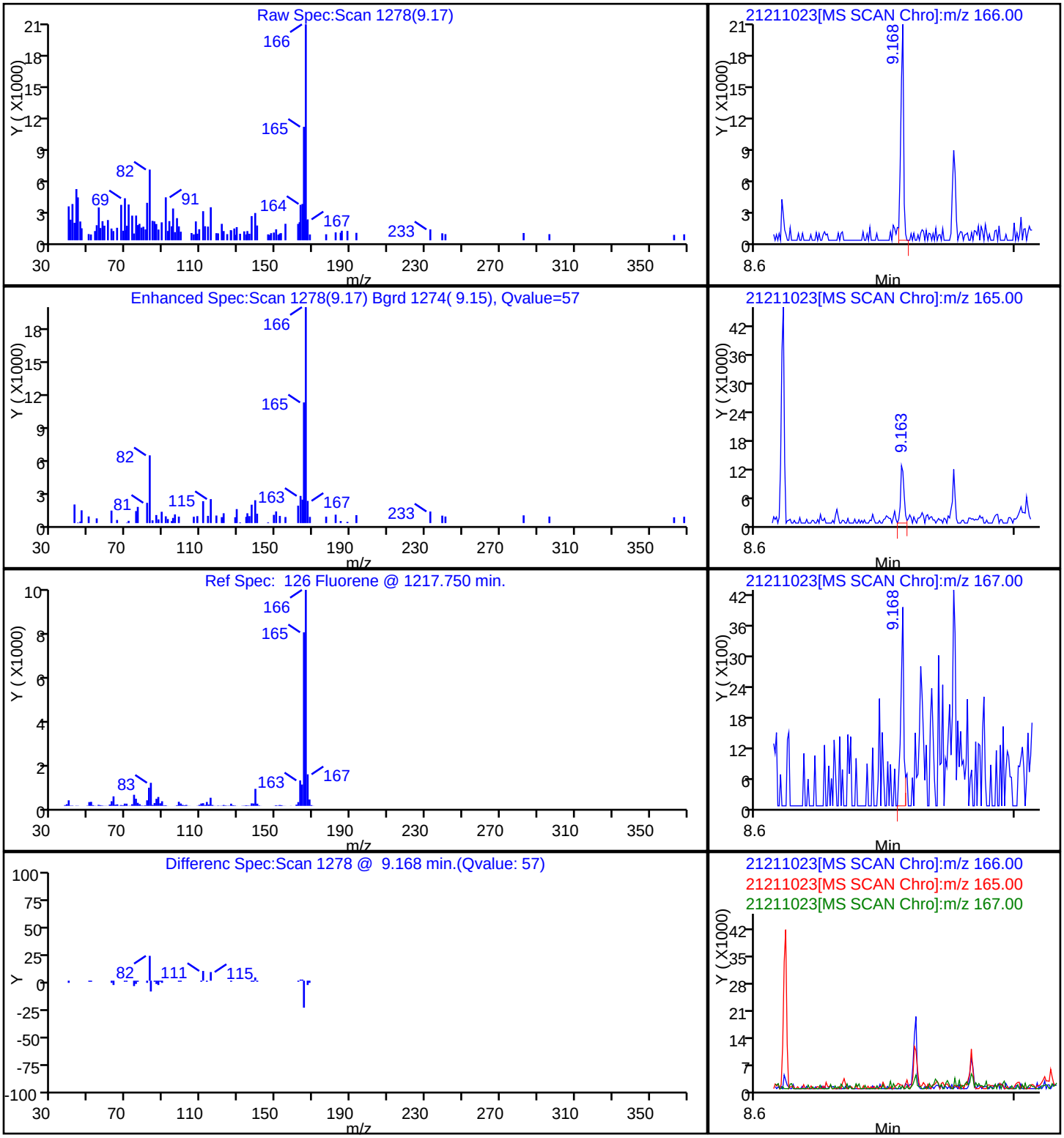
Report Date: 12-Dec-2012 08:52:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



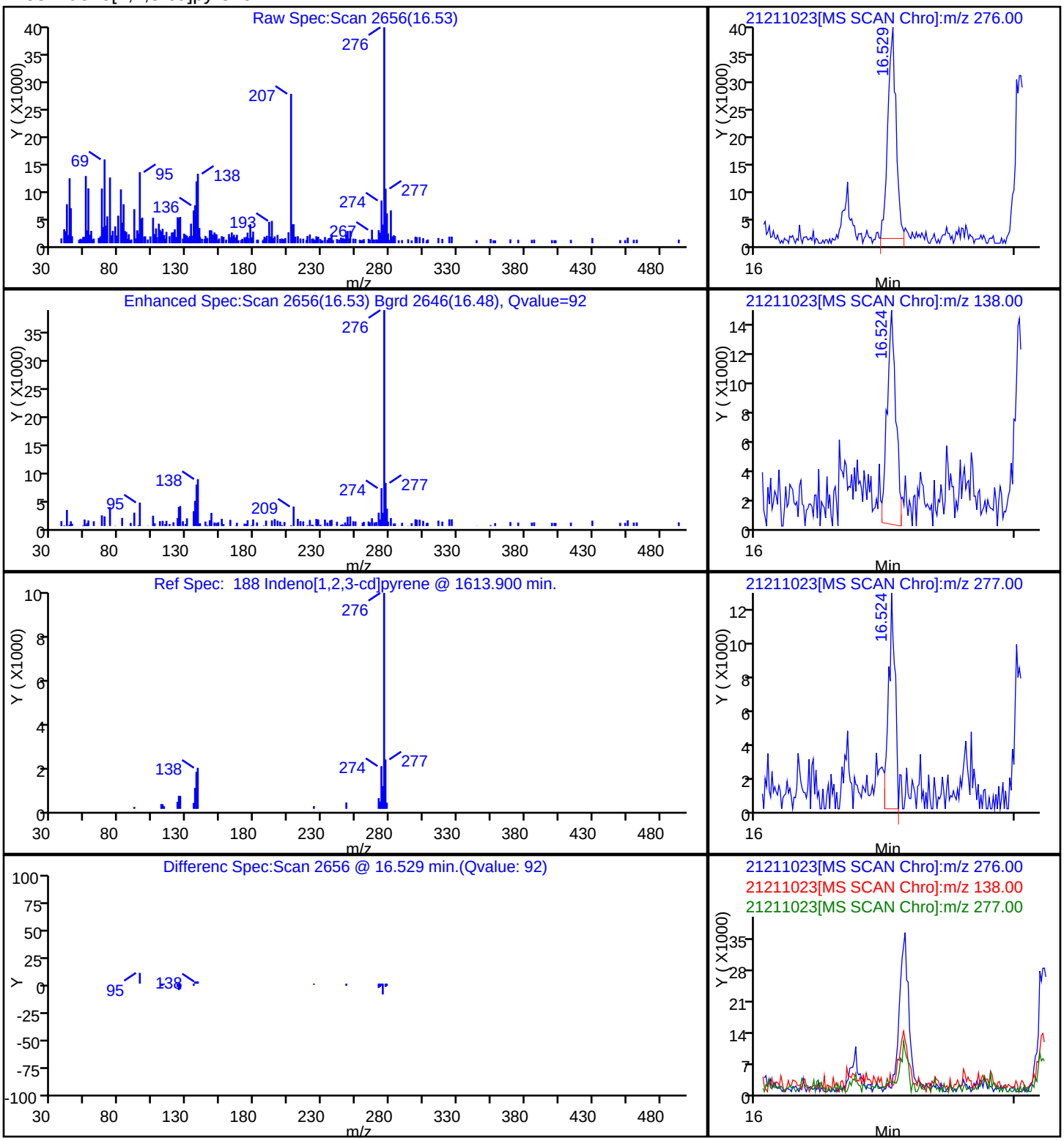
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TestAmerica Canton

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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



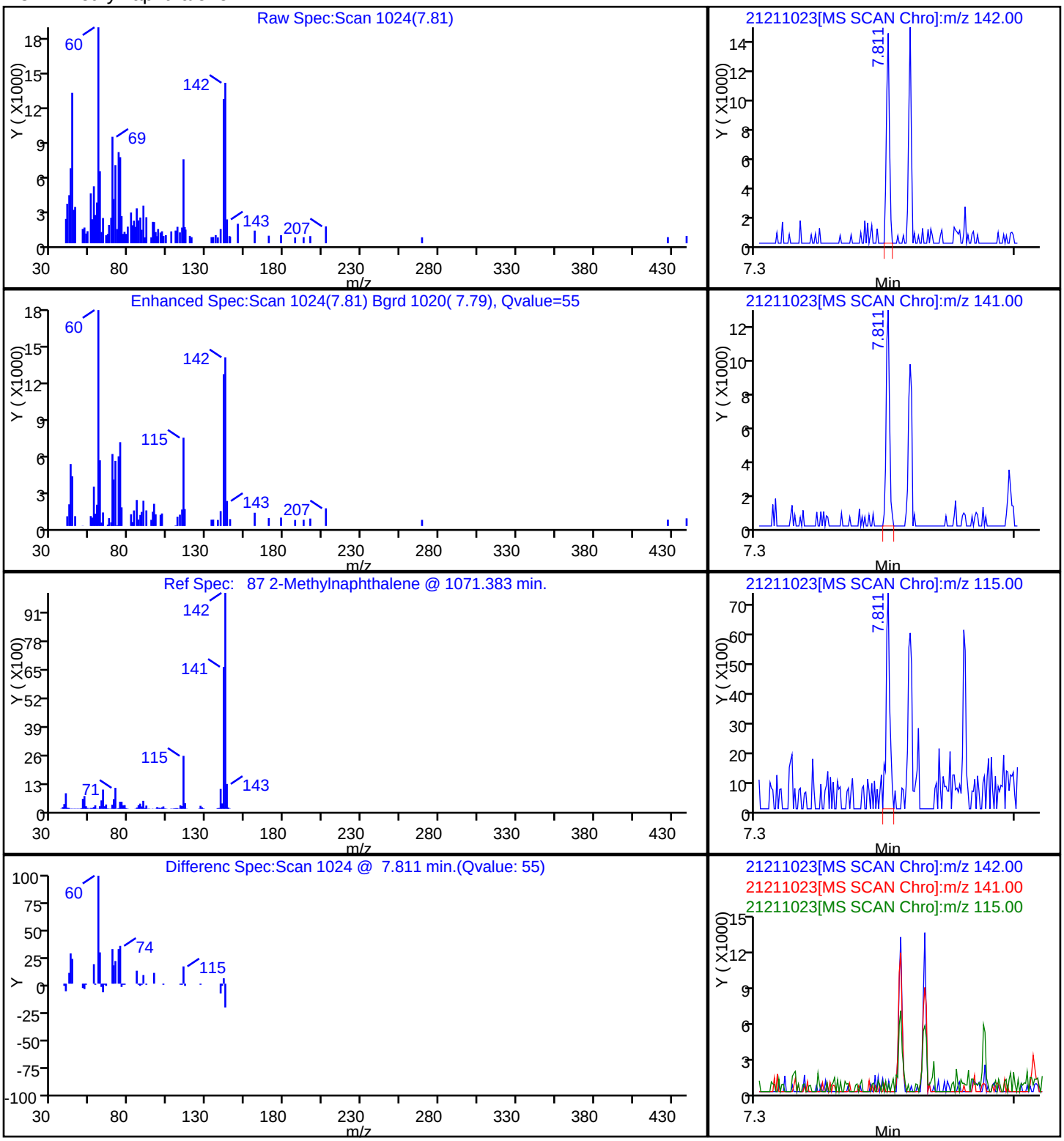
Report Date: 12-Dec-2012 08:52:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



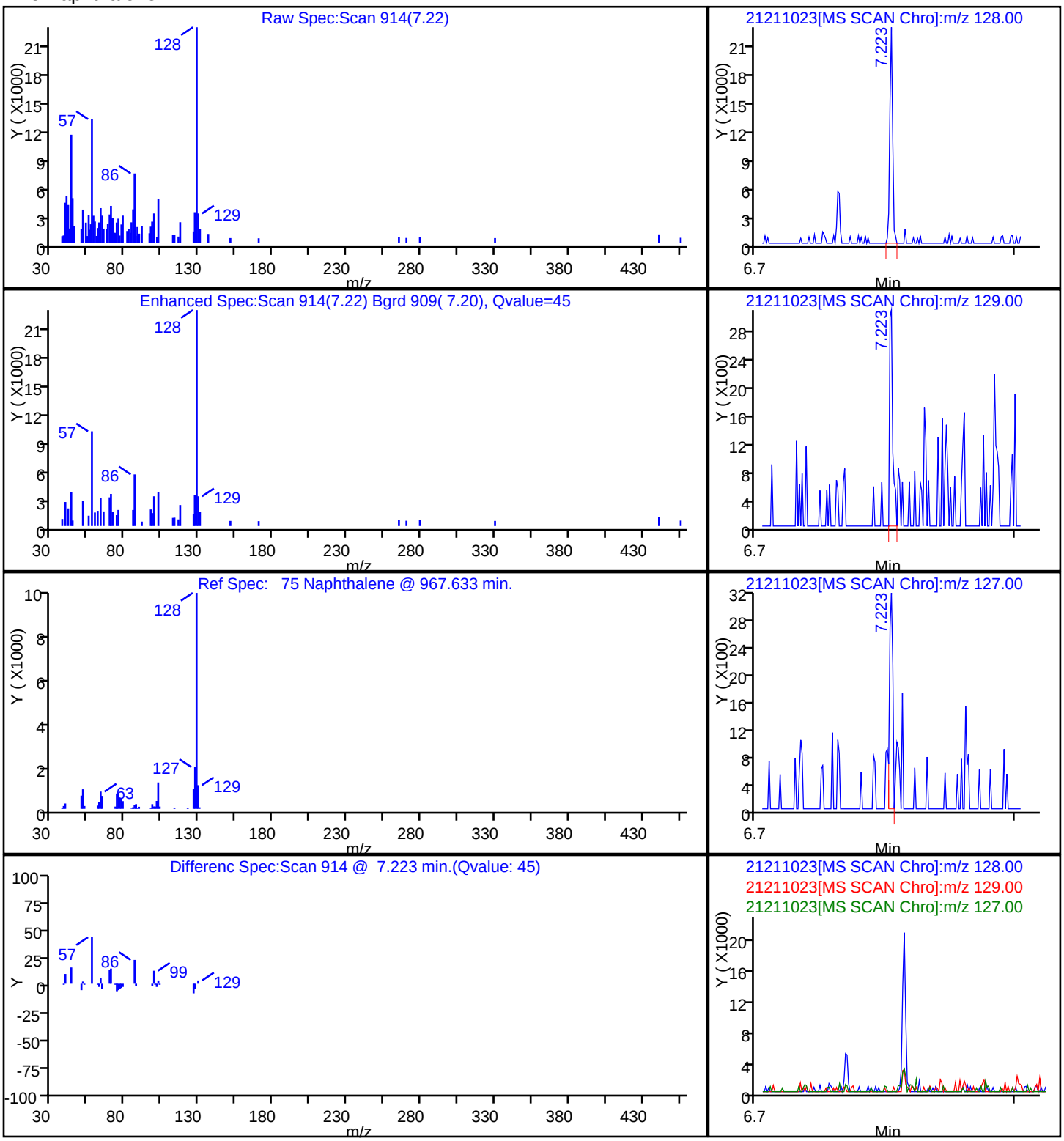
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Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
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Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



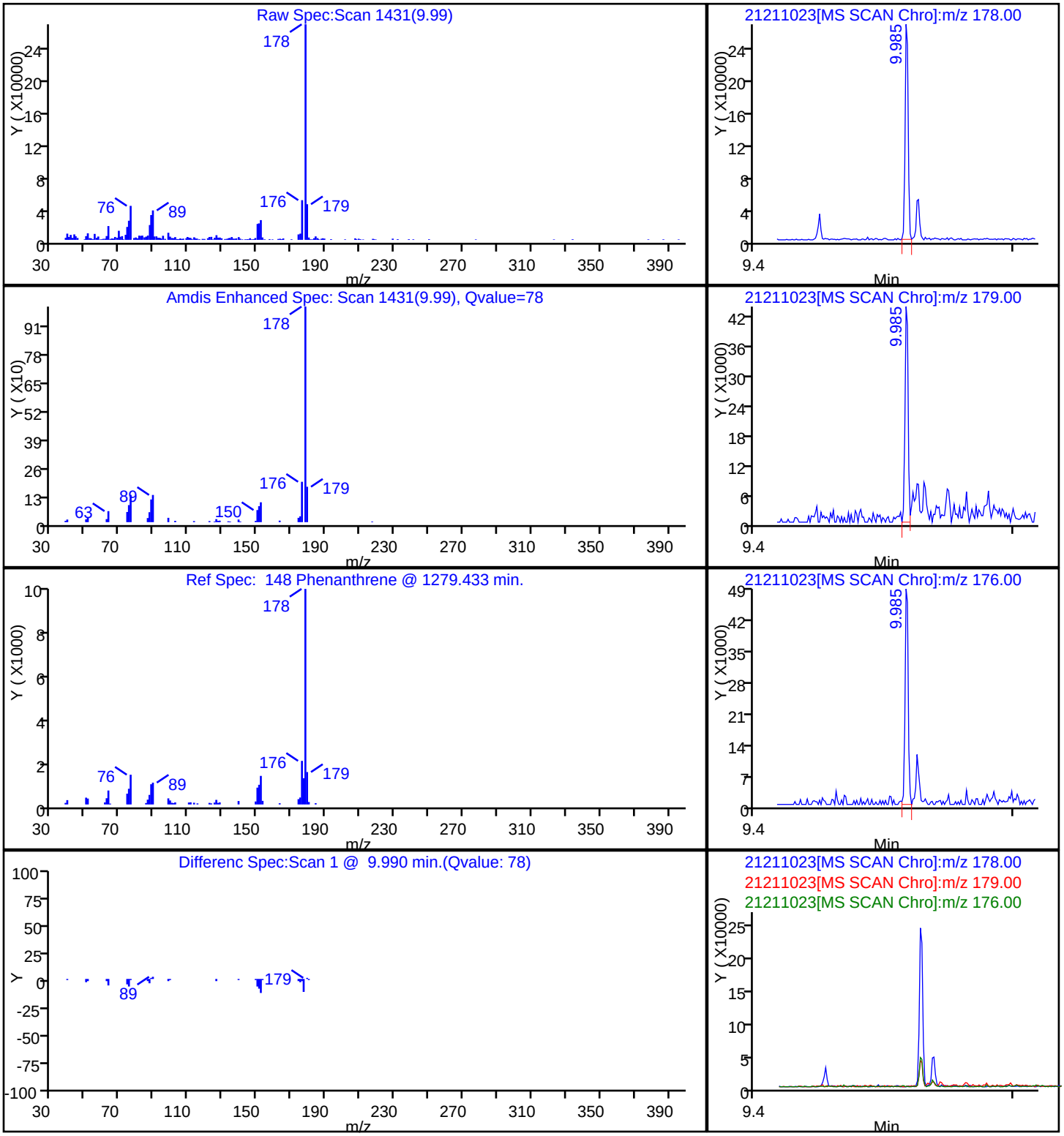
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



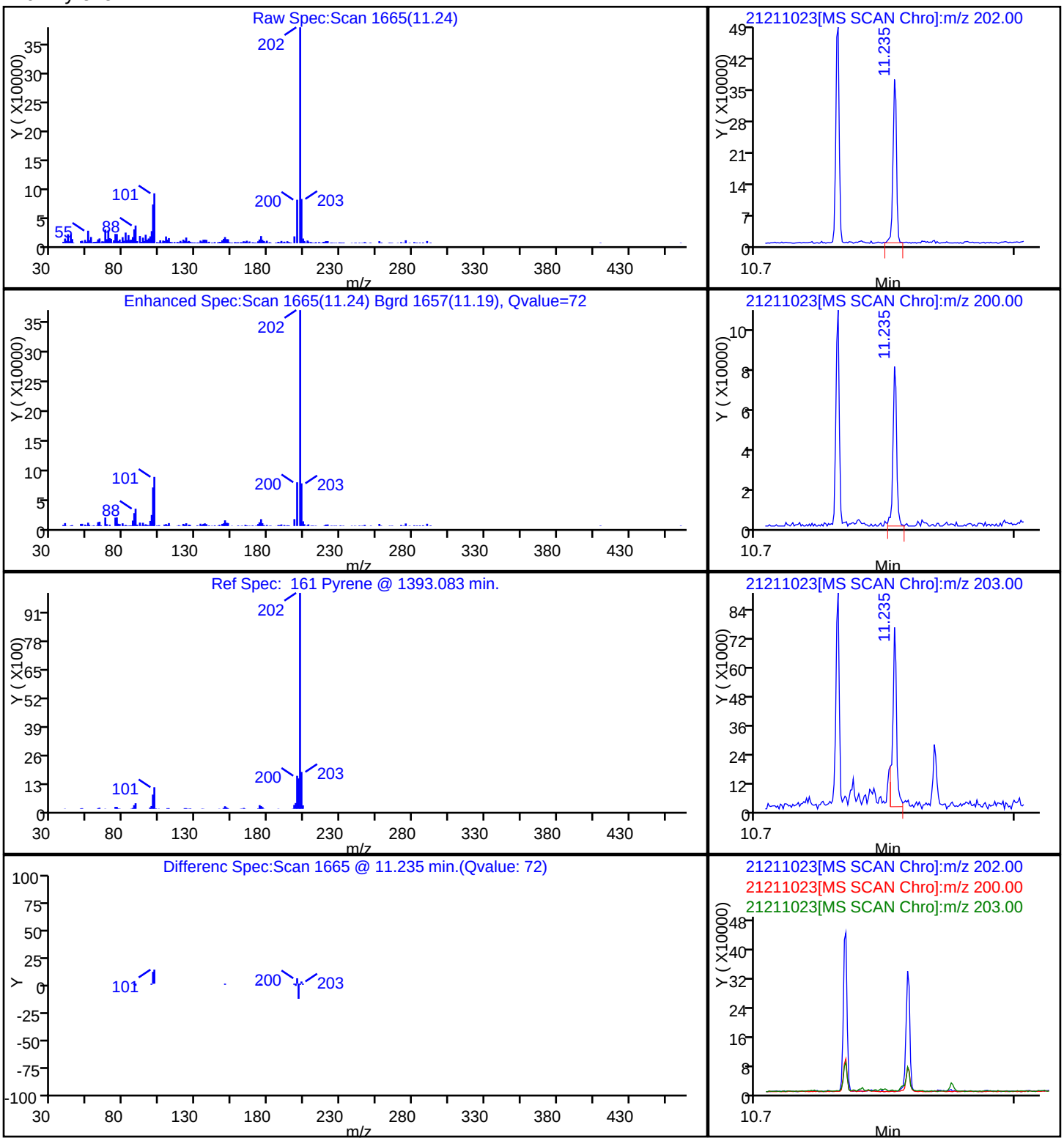
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D

Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

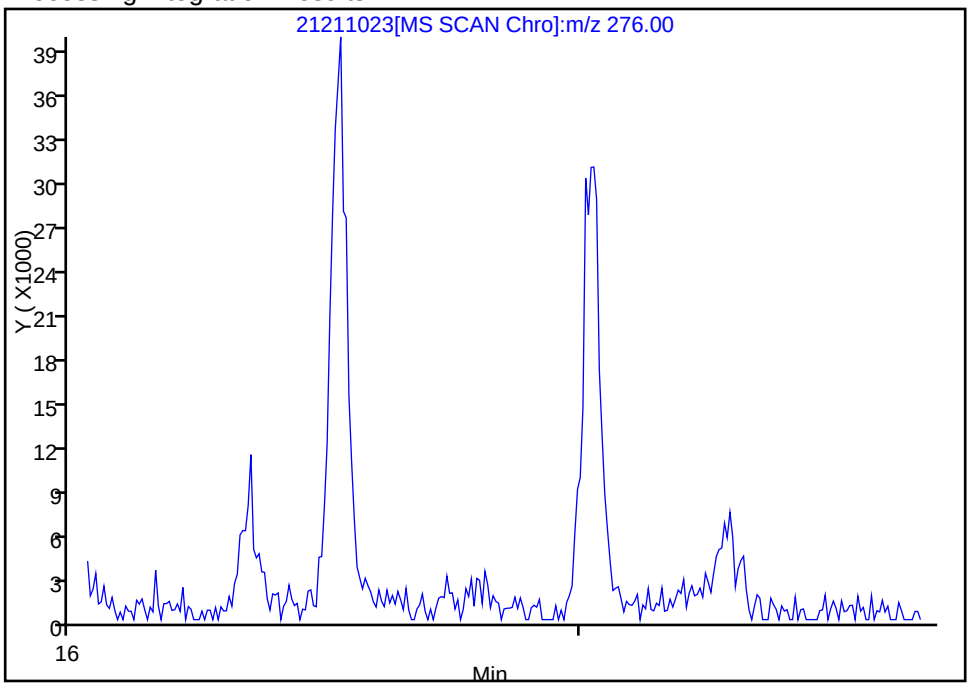
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211023.D		
Injection Date:	11-Dec-2012 21:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	23
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: 17.03

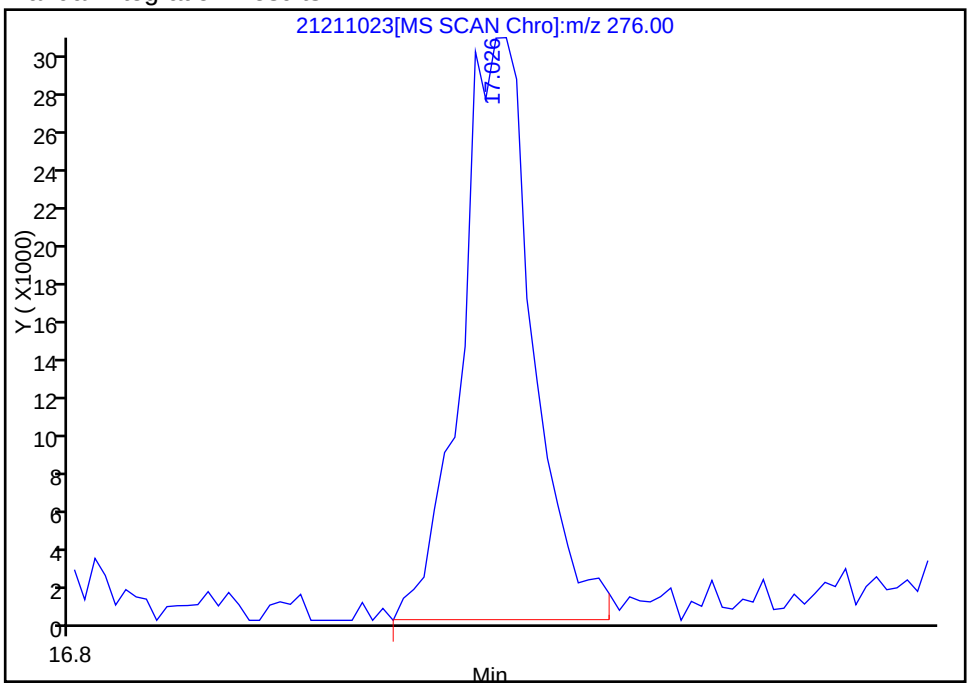
Not Detected
Expected RT: 17.03

Processing Integration Results



Manual Integration Results

RT: 17.03
Response: 78196
Amount: 0.950132



Reviewer: ulmanm, 12-Dec-2012 08:37:23
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.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-67070/6	21203006.D
Level 2	STD2 240-67070/5	21203005.D
Level 3	STD3 240-67070/4	21203004.D
Level 4	STD4 240-67070/3	21203003.D
Level 5	STD5 240-67070/2	21203002.D
Level 6	STD6 240-67070/10	21203010.D
Level 7	STD7 240-67070/9	21203009.D
Level 8	STD8 240-67070/8	21203008.D
Level 9	STD9 240-67070/7	21203007.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	0.7268	+++++ 0.7381	0.8009 0.7465	0.9093 0.7243	0.7887	Ave		0.7764			0.0500	8.5		15.0			
N-Nitrosodimethylamine	1.1042	+++++ 1.1083	0.8621 1.1334	0.8397 1.1726	0.9212	Ave		1.0202			0.0500	14.0		15.0			
Pyridine	2.0966	1.9291 2.1990	2.1735 2.1249	1.8960 2.2061	2.0289	Ave		2.0818			0.0500	5.8		15.0			
Ethyl methacrylate	1.9502	2.2935 2.0365	1.9514 1.9690	1.9898 2.0309	1.9322	Ave		2.0192			0.0500	5.8		15.0			
3-Chloropropionitrile	0.7679	0.6148 0.7866	0.7098 0.8014	0.7121 0.8292	0.6811	Ave		0.7379			0.0500	9.6		15.0			
Benzaldehyde	2.2892 1.7547	2.1772 1.7222	1.8824 1.4194	1.9744 1.2302	1.9597	Qua	-0.269	2.2738	-0.041		0.0500				0.9980		0.9950
Phenol	2.6035	2.4461 2.7179	2.3161 2.7151	2.4686 2.8224	2.5088	Ave		2.5748			0.0500	6.6		15.0			
Aniline	3.2637	2.9053 3.3951	2.9373 3.4363	3.0624 3.5821	3.1591	Ave		3.2177			0.0500	7.6		15.0			
Bis(2-chloroethyl)ether	1.9548	1.9533 2.0254	1.8560 2.0469	1.9568 2.1442	1.9552	Ave		1.9866			0.0500	4.3		15.0			
2-Chlorophenol	1.4527	1.3764 1.4874	1.4390 1.4793	1.4488 1.5271	1.4744	Ave		1.4607			0.0500	3.0		15.0			
1,3-Dichlorobenzene	1.5562	1.4320 1.6015	1.5044 1.5512	1.6212 1.6456	1.6509	Ave		1.5704			0.0500	4.8		15.0			
Benzoic acid	0.2173	+++++ 0.2273	0.1186 0.2497	0.1462 0.2472	0.1722	Qua	-0.331	0.2188	0.0008		0.0500				0.9980		0.9950
1,4-Dichlorobenzene	1.5582	1.5376 1.5627	1.6018 1.5881	1.6236 1.6271	1.5888	Ave		1.5860			0.0500	2.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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								
Benzyl alcohol	1.2246	1.2324 1.2441	1.0523 1.2438	1.1379 1.2951	1.2013	Ave		1.2039			0.0500	6.3		15.0			
1,2-Dichlorobenzene	1.4632	1.4267 1.5123	1.6105 1.4969	1.5747 1.5869	1.5408	Ave		1.5265			0.0500	4.2		15.0			
2-Methylphenol	1.7709	1.5369 1.7987	1.5519 1.8061	1.6937 1.8875	1.6946	Ave		1.7176			0.0500	7.2		15.0			
bis (2-chloroisopropyl) ether	2.0200	1.9883 2.1205	1.9055 2.0832	2.0244 2.1434	1.9113	Ave		2.0246			0.0500	4.4		15.0			
3 & 4 Methylphenol	1.8464	1.5362 1.8873	1.6991 1.9649	1.7562 2.0604	1.8720	Ave		1.8278			0.0500	8.9		15.0			
N-Nitrosodi-n-propylamine	1.8002	1.7047 1.9274	1.6460 1.9176	1.6924 1.9344	1.7868	Ave		1.8012			0.0500	6.4		15.0			
Acetophenone	2.6266	2.5444 2.7456	2.4739 2.8335	2.4714 2.9517	2.5766	Ave		2.6530			0.0500	6.6		15.0			
Hexachloroethane	0.7201	0.8208 0.7355	0.6931 0.7128	0.7668 0.7549	0.7317	Ave		0.7420			0.0500	5.3		15.0			
Nitrobenzene	0.6555	0.6063 0.6409	0.5869 0.7229	0.6185 0.7176	0.6069	Ave		0.6444			0.0500	8.0		15.0			
Isophorone	1.2234	1.0172 1.2196	0.9875 1.3941	1.0827 1.3748	1.1029	Ave		1.1753			0.0500	13.0		15.0			
2-Nitrophenol	0.1877	0.1271 0.1830	0.1681 0.1988	0.1691 0.1909	0.1808	Ave		0.1757			0.0500	13.0		15.0			
2,4-Dimethylphenol	0.4923	0.4912 0.4840	0.4705 0.5193	0.4809 0.5256	0.4839	Ave		0.4935			0.0500	3.9		15.0			
1,3,5-Trichlorobenzene	0.3496	0.3827 0.3453	0.3438 0.3657	0.3672 0.3755	0.3547	Ave		0.3606			0.0500	4.0		15.0			
Bis(2-chloroethoxy)methane	0.6034	0.5479 0.6111	0.5621 0.6757	0.5674 0.6670	0.5763	Ave		0.6014			0.0500	8.0		15.0			
2,4-Dichlorophenol	0.2807	0.2494 0.2751	0.2758 0.3022	0.2869 0.3040	0.2935	Ave		0.2834			0.0500	6.2		15.0			
1,2,4-Trichlorobenzene	0.3361	0.3701 0.3376	0.3251 0.3671	0.3693 0.3644	0.3348	Ave		0.3506			0.0500	5.4		15.0			
Naphthalene	1.1646 1.0866	0.9935 1.1179	0.9827 1.2475	1.0006 1.2759	1.0174	Ave		1.0985			0.0500	10.0		15.0			
4-Chloroaniline	0.4396	0.3930 0.4409	0.4198 0.4769	0.4049 0.4798	0.4208	Ave		0.4345			0.0500	7.2		15.0			
Hexachlorobutadiene	0.1866	0.1991 0.1881	0.1889 0.1946	0.1886 0.1930	0.1905	Ave		0.1912			0.0500	2.2		15.0			
Caprolactam	0.1170	0.0832 0.1124	0.1292 0.1142	0.1263 0.1110	0.1314	Ave		0.1156			0.0500	13.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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-Chloro-3-methylphenol	0.4252	0.3714 0.4169	0.3695 0.4581	0.4190 0.4475	0.4179	Ave		0.4157			0.0500	7.6		15.0			
2,4-Dinitrophenol	0.1886	+++++ 0.1989	0.0970 0.2117	0.1148 0.2137	0.1553	Qua	-0.298	0.1920	0.0006		0.0500				0.9990		0.9950
2-Methylnaphthalene	0.6723 0.6867	0.5949 0.6927	0.6523 0.7759	0.6688 0.7926	0.6616	Ave		0.6886			0.0500	8.9		15.0			
2,3,5,6-Tetrachlorophenol	0.3180	+++++ 0.3210	0.2897 0.3434	0.2921 0.3358	0.3147	Ave		0.3164			0.0500	6.4		15.0			
1-Methylnaphthalene	0.5988 0.6676	0.6687 0.6661	0.6408 0.7470	0.6252 0.7487	0.6342	Ave		0.6663			0.0500	7.7		15.0			
1,2,3,5-Tetrachlorobenzene	0.5562	0.5409 0.5598	0.5637 0.5896	0.5460 0.5852	0.5236	Ave		0.5581			0.0500	3.9		15.0			
Hexachlorocyclopentadiene	0.3252	0.2807 0.3368	0.2962 0.3592	0.2941 0.3642	0.3160	Ave		0.3216			0.0500	9.5		15.0			
2,4,6-Trichlorophenol	0.3418	0.3019 0.3574	0.3445 0.3743	0.3431 0.3743	0.3332	Ave		0.3463			0.0500	6.8		15.0			
4,6-Dinitro-2-methylphenol	0.1501	+++++ 0.1498	0.0772 0.1622	0.1050 0.1566	0.1343	Qua	-0.105	0.1587	0.0002		0.0500				0.9990		0.9950
2,4,5-Trichlorophenol	0.3853	0.3497 0.3731	0.3934 0.4017	0.3801 0.3962	0.3694	Ave		0.3811			0.0500	4.4		15.0			
2,4-Toluene diamine	0.1947	0.2490 0.1844	0.2043 0.1850	0.1696 0.1832	0.1973	Ave		0.1959			0.0500	12.0		15.0			
1,1'-Biphenyl	1.3082 1.4695	1.2686 1.4967	1.3545 1.6489	1.4054 1.6919	1.3596	Ave		1.4448			0.0500	10.0		15.0			
2-Chloronaphthalene	0.9923 1.1225	1.0953 1.1075	1.0542 1.2263	1.0563 1.2270	1.0430	Ave		1.1027			0.0500	7.3		15.0			
2-Nitroaniline	0.5325	0.4386 0.5407	0.4680 0.5717	0.5036 0.5590	0.4934	Ave		0.5134			0.0500	8.9		15.0			
Dimethyl phthalate	1.2948	1.2183 1.3464	1.1518 1.4663	1.2352 1.4465	1.2357	Ave		1.2994			0.0500	8.6		15.0			
2,6-Dinitrotoluene	0.2865	0.2125 0.2914	0.2291 0.3065	0.2628 0.2958	0.2773	Ave		0.2702			0.0500	12.0		15.0			
1,2-Dinitrobenzene	0.1418	0.1178 0.1388	0.1253 0.1474	0.1195 0.1444	0.1280	Ave		0.1329			0.0500	8.7		15.0			
Acenaphthylene	1.5771 1.7865	1.5432 1.8971	1.5689 2.0972	1.6549 2.0020	1.7061	Ave		1.7592			0.0500	11.0		15.0			
3-Nitroaniline	0.2982	0.2494 0.3089	0.2543 0.3287	0.2869 0.3131	0.2862	Ave		0.2907			0.0500	9.6		15.0			
Acenaphthene	1.2158 1.1042	1.0287 1.1214	0.9817 1.2394	1.0434 1.2450	1.0625	Ave		1.1158			0.0500	8.7		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.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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	0.2284	0.1705 0.2232	0.1960 0.2384	0.1940 0.2398	0.2211	Ave		0.2139			0.0500	11.0		15.0			
2,4-Dinitrotoluene	0.3857	0.2843 0.3797	0.2947 0.4141	0.3538 0.4047	0.3837	Ave		0.3626			0.0500	13.0		15.0			
Dibenzofuran	1.4180 1.6592	1.4900 1.6902	1.5005 1.8453	1.5366 1.8378	1.5121	Ave		1.6100			0.0500	9.7		15.0			
Diethyl phthalate	1.2844	1.1591 1.3140	1.1416 1.4580	1.2306 1.4576	1.2452	Ave		1.2863			0.0500	9.4		15.0			
4-Chlorophenyl phenyl ether	0.6881	0.6465 0.6825	0.6841 0.7454	0.6664 0.7442	0.6757	Ave		0.6916			0.0500	5.1		15.0			
4-Nitroaniline	0.3215	0.2225 0.3332	0.2710 0.3434	0.2964 0.3397	0.3215	Ave		0.3061			0.0500	14.0		15.0			
Fluorene	1.3522 1.3364	1.2399 1.3875	1.2979 1.5491	1.2908 1.5490	1.2632	Ave		1.3629			0.0500	8.4		15.0			
N-Nitrosodiphenylamine	0.5536	0.5042 0.5722	0.4787 0.6110	0.5437 0.6199	0.5373	Ave		0.5526			0.0500	8.8		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.4797	1.1759 1.5306	1.1520 1.5379	1.2061 1.3855	1.2944	Ave		1.3455			0.0500	12.0		15.0			
Azobenzene	1.4797	1.1759 1.5305	1.1520 1.5378	1.2136 1.3852	1.2896	Ave		1.3455			0.0500	12.0		15.0			
4-Bromophenyl phenyl ether	0.2073	0.1837 0.2058	0.1775 0.2165	0.2007 0.2098	0.2122	Ave		0.2017			0.0500	6.9		15.0			
Hexachlorobenzene	0.2154 0.2019	0.2099 0.2007	0.1863 0.2151	0.2000 0.2093	0.1930	Ave		0.2035			0.0500	4.9		15.0			
Atrazine	0.1857	0.1545 0.1791	0.1685 0.1793	0.1842 0.1699	0.1863	Ave		0.1759			0.0500	6.2		15.0			
Pentachlorophenol	0.1501	0.0850 0.1569	0.1160 0.1635	0.1389 0.1642	0.1466	Qua	-0.066	0.1492	0.0003		0.0500				1.0000		0.9950
Phenanthrene	1.3066 1.2017	1.0239 1.2458	1.1090 1.3162	1.1069 1.3289	1.1162	Ave		1.1950			0.0500	9.3		15.0			
Anthracene	1.1264 1.2855	1.0141 1.3440	1.0585 1.3600	1.0630 1.3468	1.1759	Ave		1.1971			0.0500	12.0		15.0			
Carbazole	1.1108	0.9495 1.1325	0.9198 1.2563	0.9682 1.2133	1.0276	Ave		1.0723			0.0500	12.0		15.0			
Di-n-butyl phthalate	1.4156	1.0157 1.4666	1.0605 1.5798	1.2481 1.4509	1.2996	Ave		1.3171			0.0500	15.0		15.0			
3,3'-Dimethoxybenzidine	0.3149	+++++ 0.3164	0.1932 0.3792	0.2099 0.3519	0.3170	Qua	-0.186	0.3261	0.0017		0.0500				0.9930	*	0.9950
Fluoranthene	1.2775 1.4447	1.2228 1.5077	1.1744 1.5555	1.3054 1.4892	1.2993	Ave		1.3641			0.0500	10.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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	0.7381	0.3795 0.7444	0.4273 0.8902	0.4787 0.8289	0.6659	Qua	-0.401	0.7401	0.0051		0.0500				0.9940	*	0.9950
Pyrene	1.1654 1.4574	1.2249 1.4936	1.2430 1.6415	1.3193 1.5069	1.4039	Ave		1.3840			0.0500	11.0		15.0			
Butyl benzyl phthalate	0.5879	0.4066 0.5668	0.4666 0.6393	0.5378 0.6149	0.5993	Ave		0.5524			0.0500	14.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	0.2381	0.1690 0.2332	0.1976 0.2557	0.2111 0.2426	0.2384	Ave		0.2232			0.0500	13.0		15.0			
3,3'-Dichlorobenzidine	0.4612	0.3154 0.4578	0.3513 0.5086	0.3895 0.4921	0.4570	Qua	-0.102	0.4549	0.0019		0.0500				0.9980		0.9950
Bis(2-ethylhexyl) phthalate	0.8378	0.6965 0.8204	0.6726 0.9396	0.8208 0.9041	0.8841	Ave		0.8220			0.0500	12.0		15.0			
Benzo[a]anthracene	1.1906 1.2480	1.1014 1.2531	1.2087 1.4393	1.1621 1.4003	1.2072	Ave		1.2456			0.0500	8.8		15.0			
Chrysene	1.1257 1.1436	1.0235 1.1498	1.0067 1.3128	1.0985 1.2789	1.1399	Ave		1.1421			0.0500	8.9		15.0			
Di-n-octyl phthalate	1.6890	1.0509 1.7437	1.2297 2.0229	1.5700 2.0495	1.7136	Qua	-0.053	1.4711	0.0240		0.0500				0.9980		0.9950
Benzo[b]fluoranthene	1.3475 1.3876	1.1089 1.4289	1.3065 1.5931	1.3277 1.6192	1.3597	Ave		1.3866			0.0500	11.0		15.0			
Benzo[k]fluoranthene	1.1702 1.4551	1.2905 1.4883	1.2577 1.6458	1.4772 1.6303	1.4190	Ave		1.4260			0.0500	11.0		15.0			
Benzo[a]pyrene	1.2274 1.3090	1.1049 1.3522	1.1653 1.5041	1.2692 1.5317	1.3158	Ave		1.3089			0.0500	11.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2738 1.4511	1.2415 1.4655	1.3681 1.6426	1.4241 1.6169	1.4572	Ave		1.4379			0.0500	9.4		15.0			
Dibenz(a,h)anthracene	0.9219 1.2192	1.0196 1.2198	1.0859 1.3796	1.2007 1.3828	1.1907	Ave		1.1800			0.0500	13.0		15.0			
Benzo[g,h,i]perylene	1.1987 1.1839	1.0907 1.1989	1.0852 1.3598	1.1790 1.3417	1.2308	Ave		1.2076			0.0500	7.8		15.0			
2-Fluorophenol (Surr)	1.5404	1.5011 1.6252	1.5798 1.5698	1.5909 1.6178	1.5650	Ave		1.5738			0.0500	2.6		15.0			
Phenol-d5 (Surr)	2.3248	2.2354 2.4140	1.8374 2.3823	2.1993 2.5333	2.2550	Ave		2.2727			0.0500	9.1		15.0			
Nitrobenzene-d5 (Surr)	0.6192 0.6022	0.6015 0.6227	0.5584 0.6648	0.5751 0.6760	0.5895	Ave		0.6121			0.0500	6.3		15.0			
2-Fluorobiphenyl (Surr)	1.4642 1.2928	1.1891 1.3318	1.2209 1.4787	1.2403 1.4962	1.2409	Ave		1.3283			0.0500	9.1		15.0			
2,4,6-Tribromophenol (Surr)	0.1614	0.1231 0.1653	0.1348 0.1727	0.1593 0.1725	0.1502	Ave		0.1549			0.0500	12.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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								
Terphenyl-d14 (Surr)	0.7862 0.8155	0.8051 0.8150	0.6927 0.9422	0.8139 0.8907	0.8136	Ave		0.8194			0.0500	8.4		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.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-67070/6	21203006.D
Level 2	STD2 240-67070/5	21203005.D
Level 3	STD3 240-67070/4	21203004.D
Level 4	STD4 240-67070/3	21203003.D
Level 5	STD5 240-67070/2	21203002.D
Level 6	STD6 240-67070/10	21203010.D
Level 7	STD7 240-67070/9	21203009.D
Level 8	STD8 240-67070/8	21203008.D
Level 9	STD9 240-67070/7	21203007.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	399753	+++++ 543998	36233 773230	73600 814861	154568	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	607272	+++++ 816856	38998 1174085	67969 1319174	180530	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	1153107	40196 1620749	98326 2201171	153463 2481993	397620	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	1072582	47787 1500922	88277 2039665	161059 2284815	378677	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	422307	12811 579758	32110 830175	57636 932926	133477	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Qua	9926 965070	45364 1269321	85156 1470328	159811 1383979	384062	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol	DCB	Ave	1431885	50968 2003163	104773 2812510	199816 3175311	491689	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1794952	60535 2502297	132878 3559561	247876 4030025	619120	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	1075083	40700 1492774	83963 2120375	158390 2412317	383179	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	798948	28679 1096266	65098 1532373	117271 1718090	288964	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	855886	29838 1180356	68057 1606884	131225 1851413	323540	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	992750	+++++ 1441946	43345 2085887	98753 2343332	285606	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	856970	32037 1151768	72462 1645098	131422 1830542	311378	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	673487	25678 916925	47603 1288428	92107 1457061	235427	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.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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
1,2-Dichlorobenzene	DCB	Ave	804726	29726 1114610	72856 1550612	127458 1785368	301970	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	973970	32023 1325720	70206 1870907	137096 2123570	332118	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	1110965	41429 1562839	86200 2157927	163862 2411441	374591	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	1015483	32008 1390992	76864 2035411	142155 2317991	366886	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	990057	35519 1420567	74460 1986355	136985 2176245	350187	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1444593	53016 2023578	111915 2935142	200038 3320829	504977	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	396040	17103 542116	31356 738370	62068 849335	143402	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	1497384	52311 2033011	107279 3019500	208929 3400714	503353	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	2794681	87765 3869063	180520 5823443	365723 6515388	914686	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	428852	10971 580637	30729 830238	57138 904635	149913	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	1124586	42386 1535491	86010 2169180	162458 2490665	401301	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	798595	33020 1095265	62851 1527622	124050 1779271	294165	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	1378514	47277 1938498	102759 2822638	191667 3160983	477938	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	641251	21517 872558	50413 1262491	96906 1440479	243412	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	767717	31931 1071050	59431 1533437	124736 1726814	277640	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	21523 2482143	85728 3546318	179633 5210836	338015 6046456	843743	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	1004186	33909 1398635	76741 1992191	136785 2273909	348986	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	426339	17181 596689	34526 812875	63712 914699	157986	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	267301	7176 356527	23626 477229	42653 526136	108965	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloro-3-methylphenol	NPT	Ave	971266	32042 1322578	67551 1913655	141534 2120588	346586	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	538392	+++++ 779421	22221 1107986	48766 1280687	163179	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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
2-Methylnaphthalene	NPT	Ave	12424 1568614	51331 2197459	119237 3241037	225921 3756335	548716	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,5,6-Tetrachlorophenol	ANT	Ave	 453798	+++++ 629040	33187 898499	62062 1006180	165313	 10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	11067 1525035	57695 2113183	117141 3120059	211190 3548102	525938	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	 793734	28675 1097095	64586 1542651	115999 1753570	275027	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	 464113	14882 660004	33939 939731	62483 1091455	166020	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	 487834	16004 700417	39472 979326	72898 1121634	175058	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	 374569	+++++ 513143	15977 747522	39778 827960	123435	 10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	 549869	18537 731223	45065 1051056	80751 1187181	194064	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	 444710	21489 584842	37351 772583	57287 868145	163634	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	14581 2097075	67250 2933167	155182 4314416	298603 5070224	714205	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	11060 1601844	58061 2170503	120779 3208551	224430 3677090	547917	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	 759915	23252 1059612	53615 1495778	106992 1675117	259160	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	 1847769	64582 2638665	131956 3836513	262446 4334729	649097	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Ave	 408875	11264 571148	26244 802029	55828 886451	145657	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Ave	 202332	6247 271922	14355 385567	25396 432595	67242	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	17578 2549553	81803 3717874	179744 5487335	351616 5999467	896238	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	 425539	13218 605348	29136 859948	60951 938131	150335	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	13551 1575777	54532 2197679	112464 3242918	221678 3730862	558117	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	 325899	9038 437400	22450 623747	41218 718684	116122	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Ave	 550422	15069 744156	33761 1083426	75165 1212832	201562	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	15805 2367844	78985 3312358	171901 4828262	326470 5507295	794298	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.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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
Diethyl phthalate	ANT	Ave	1832980	61444 2575128	130788 3814881	261466 4367958	654113	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	981917	34272 1337478	78374 1950379	141595 2230197	354964	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	458818	11792 652966	31051 898608	62979 1017942	168871	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	15072 1907218	65725 2719190	148698 4053228	274254 4641978	663543	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	1381461	48999 1959808	99063 2816710	206062 3276797	493931	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	3692336	114275 5242019	238402 7089323	457089 7323233	1189886	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	3692336	114275 5241671	238402 7088823	459925 7321874	1185511	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	517373	17853 704915	36737 998199	76066 1108836	195097	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4286 503817	20402 687504	38543 991457	75787 1106388	177412	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	463454	15010 613227	34876 826393	69824 897962	171245	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	749230	16525 1074664	47995 1507520	105285 1735964	269472	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	26003 2998659	99497 4266491	229503 6067655	419489 7024206	1026071	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	22416 3207585	98547 4603038	219050 6269234	402882 7118724	1081012	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2771758	92268 3878743	190352 5791299	366937 6412920	944678	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	3532454	98705 5022953	219458 7282586	473027 7669176	1194742	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	786421	+++++ 1115656	39058 1715296	78653 1908849	280563	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	25424 3605052	118828 5163534	243024 7170742	494739 7871392	1194426	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	1843303	36712 2624642	86398 4027253	179325 4495620	589306	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	22462 3639569	118483 5266082	251331 7426228	494245 8173377	1242411	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1468183	39327 1998546	94335 2892302	201465 3335278	530339	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Ave	594586	16346 822324	39962 1156747	79087 1315934	210935	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.: 240-17467-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

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	1151707	30506 1613926	71021 2300801	145915 2668942	404452	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	2092198	67372 2892564	136001 4250837	307506 4903668	782396	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	22947 3116592	106544 4418081	244392 6511414	435351 7594858	1068335	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	21697 2855800	99002 4053767	203554 5939114	411538 6936430	1008802	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	3512292	79031 4994408	201729 7518674	469921 8736814	1267230	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	21113 2885491	83398 4092896	214322 5921468	397416 6902291	1005481	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	18336 3025983	97055 4263040	206313 6117211	442164 6949795	1049321	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	19232 2722148	83098 3873105	191163 5590497	379895 6529426	973020	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	19959 3017526	93370 4197780	224422 6105267	426262 6892480	1077608	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	14445 2535331	76682 3493923	178133 5127826	359396 5894670	880540	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	18782 2461930	82030 3434050	178013 5054031	352887 5719307	910207	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	847177	31278 1197803	71467 1626131	128768 1820074	306722	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	1278603	46578 1779153	83118 2467806	178013 2850089	441946	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	11443 1375736	51904 1975313	102066 2776873	194252 3203482	488906	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	16320 1844912	63034 2610009	139870 3868871	263515 4483556	651864	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	230291	6525 323865	15445 451821	33836 517056	78903	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	15154 2036667	77875 2873627	140052 4262459	304916 4830900	719982	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\20121203-15467.b\21203002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	03-Dec-2012 11:32:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015467-002		
Misc. Info.:	STD5 TCL =STD5 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	67070	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:16	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 12:18:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	84	156786	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	98	663460	4.00	
* 3 Acenaphthene-d10	164	8.649	8.649	0.0	66	420245	4.00	
* 4 Phenanthrene-d10	188	9.915	9.915	0.0	74	735433	4.00	
* 5 Chrysene-d12	240	12.538	12.538	0.0	76	707977	4.00	
* 6 Perylene-d12	264	14.681	14.681	0.0	89	591603	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	91	306722	4.97	
$ 8 Phenol-d5	99	5.684	5.684	0.0	0	441946	4.96	
$ 9 Nitrobenzene-d5	82	6.528	6.528	0.0	83	488906	4.82	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	95	651864	4.67	
$ 11 2,4,6-Tribromophenol	330	9.317	9.317	0.0	69	78903	4.85	
$ 12 Terphenyl-d14	244	11.294	11.294	0.0	95	719982	4.96	
25 1,4-Dioxane	88	2.805	2.805	0.0	79	154568	5.08	M
26 N-Nitrosodimethylamine	74	3.275	3.275	0.0	79	180530	4.51	
27 Pyridine	79	3.318	3.318	0.0	91	397620	4.87	
28 Ethyl methacrylate	69	3.879	3.879	0.0	77	378677	4.78	
29 3-Chloropropionitrile	54	4.215	4.215	0.0	81	133477	4.62	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	81	384062	4.85	
43 Phenol	94	5.700	5.700	0.0	88	491689	4.87	
44 Aniline	93	5.754	5.754	0.0	82	619120	4.91	
69 Bis(2-chloroethyl)ether	93	5.802	5.802	0.0	91	383179	4.92	
46 2-Chlorophenol	128	5.861	5.861	0.0	89	288964	5.05	
47 1,3-Dichlorobenzene	146	6.005	6.005	0.0	78	323540	5.26	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	81	311378	5.01	
49 Benzyl alcohol	108	6.154	6.154	0.0	85	235427	4.99	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	82	301970	5.05	
51 2-Methylphenol	108	6.240	6.240	0.0	93	332118	4.93	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.272	0.0	99	374591	4.72	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.363	0.0	92	366886	5.12	
57 N-Nitrosodi-n-propylamine	70	6.384	6.384	0.0	69	350187	4.96	
58 Acetophenone	105	6.395	6.395	0.0	79	504977	4.86	
61 Hexachloroethane	117	6.502	6.502	0.0	89	143402	4.93	
62 Nitrobenzene	77	6.544	6.544	0.0	73	503353	4.71	
64 Isophorone	82	6.747	6.747	0.0	94	914686	4.69	
66 2-Nitrophenol	139	6.822	6.822	0.0	79	149913	5.14	
65 2,4-Dimethylphenol	107	6.828	6.828	0.0	93	401301	4.90	
67 1,3,5-Trichlorobenzene	180	6.833	6.833	0.0	76	294165	4.92	
71 Benzoic acid	122	6.865	6.865	0.0	83	285606	9.09	
70 Bis(2-chloroethoxy)methane	93	6.918	6.918	0.0	98	477938	4.79	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	90	243412	5.18	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	80	277640	4.78	
75 Naphthalene	128	7.175	7.175	0.0	80	843743	4.63	
76 4-Chloroaniline	127	7.202	7.202	0.0	77	348986	4.84	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	84	157986	4.98	
80 1,2,3-Trichlorobenzene	180	7.292	7.292	0.0	78	264125	0	
84 Caprolactam	113	7.479	7.479	0.0	73	108965	5.68	
86 4-Chloro-3-methylphenol	107	7.592	7.592	0.0	77	346586	5.03	
87 2-Methylnaphthalene	142	7.762	7.762	0.0	81	548716	4.80	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	79	525938	4.76	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	81	275027	4.69	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	76	166020	4.91	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	81	175058	4.81	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	87	194064	4.85	
97 2,4-Toluene diamine	121	8.131	8.131	0.0	92	163634	5.04	
99 1,2,3,4 -Tetrachlorobenzene	216	8.147	8.147	0.0	82	273345	0	
98 1,1'-Biphenyl	154	8.152	8.152	0.0	94	714205	4.71	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	94	547917	4.73	
102 2-Nitroaniline	65	8.249	8.249	0.0	69	259160	4.80	
105 Dimethyl phthalate	163	8.388	8.388	0.0	93	649097	4.75	
107 2,6-Dinitrotoluene	165	8.446	8.446	0.0	80	145657	5.13	
108 1,2-Dinitrobenzene	168	8.494	8.494	0.0	75	67242	4.82	
109 Acenaphthylene	152	8.537	8.537	0.0	86	896238	4.85	
110 3-Nitroaniline	138	8.591	8.591	0.0	76	150335	4.92	
111 2,4-Dinitrophenol	184	8.676	8.676	0.0	62	163179	9.37	
112 Acenaphthene	153	8.681	8.681	0.0	89	558117	4.76	
113 4-Nitrophenol	109	8.697	8.697	0.0	74	116122	5.17	
114 2,4-Dinitrotoluene	165	8.788	8.788	0.0	73	201562	5.29	
116 Dibenzofuran	168	8.826	8.826	0.0	87	794298	4.70	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.879	0.0	79	165313	4.97	
121 Diethyl phthalate	149	8.980	8.980	0.0	94	654113	4.84	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	90	354964	4.89	
125 4-Nitroaniline	138	9.109	9.109	0.0	76	168871	5.25	
126 Fluorene	166	9.114	9.114	0.0	61	663543	4.63	
128 4,6-Dinitro-2-methylphenol	198	9.130	9.130	0.0	78	123435	4.87	
131 N-Nitrosodiphenylamine	169	9.194	9.194	0.0	94	493931	4.86	
133 Azobenzene	77	9.237	9.237	0.0	93	1185511	4.79	
132 1,2-Diphenylhydrazine	77	9.237	9.237	0.0	100	1189886	4.81	
139 4-Bromophenyl phenyl ether	248	9.520	9.520	0.0	65	195097	5.26	
141 Hexachlorobenzene	284	9.584	9.584	0.0	75	177412	4.74	
142 Atrazine	200	9.622	9.622	0.0	78	171245	5.29	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.739	9.739	0.0	77	269472	10.0	
148 Phenanthrene	178	9.937	9.937	0.0	83	1026071	4.67	
149 Anthracene	178	9.979	9.979	0.0	83	1081012	4.91	
151 Carbazole	167	10.102	10.102	0.0	62	944678	4.79	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	99	1194742	4.93	
159 Fluoranthene	202	10.957	10.957	0.0	77	1194426	4.76	
160 Benzidine	184	11.053	11.053	0.0	82	589306	4.88	
161 Pyrene	202	11.176	11.176	0.0	77	1242411	5.07	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	84	530339	5.42	
172 3,3'-Dimethoxybenzidine	244	12.415	12.415	0.0	81	280563	5.29	
174 4,4'-Methylene bis(2-chloroanili	231	12.464	12.464	0.0	62	210935	5.34	
175 3,3'-Dichlorobenzidine	252	12.464	12.464	0.0	71	404452	5.14	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	93	782396	5.38	
177 Benzo[a]anthracene	228	12.522	12.522	0.0	81	1068335	4.85	
178 Chrysene	228	12.576	12.576	0.0	80	1008802	4.99	
180 Di-n-octyl phthalate	149	13.425	13.425	0.0	98	1267230	5.39	
182 Benzo[b]fluoranthene	252	14.077	14.077	0.0	81	1005481	4.90	
183 Benzo[k]fluoranthene	252	14.120	14.120	0.0	81	1049321	4.98	
184 Benzo[a]pyrene	252	14.595	14.595	0.0	75	973020	5.03	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.401	0.0	81	1077608	5.07	
189 Dibenz(a,h)anthracene	278	16.427	16.427	0.0	54	880540	5.05	
190 Benzo[g,h,i]perylene	276	16.881	16.881	0.0	86	910207	5.10	
S 191 Methyl Phenols,Total	100				0		10.1	

QC Flag Legend

Review Flags
M - Manually Integrated

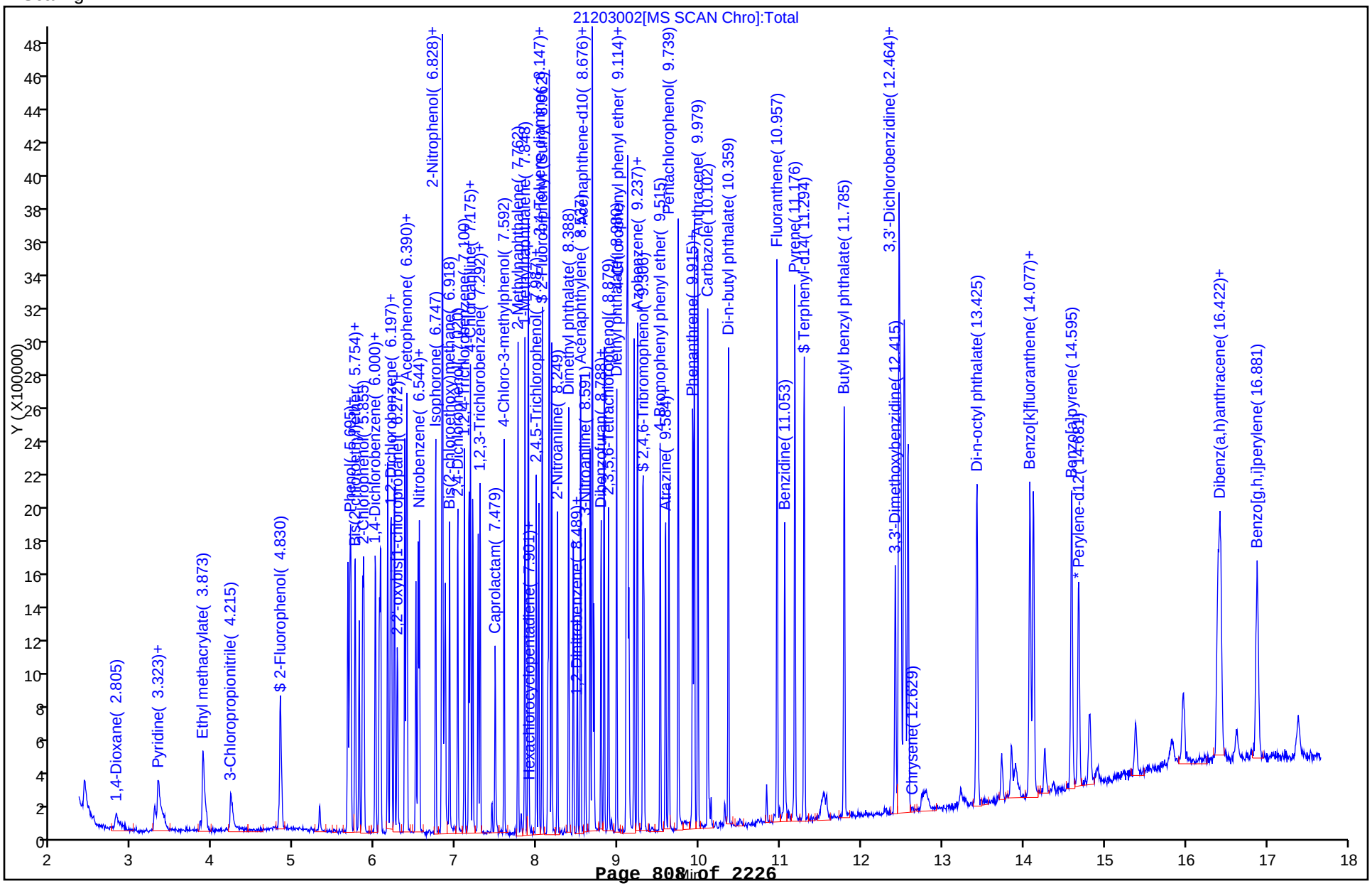
Report Date: 04-Dec-2012 08:01:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203002.D

Injection Date:	03-Dec-2012 11:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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

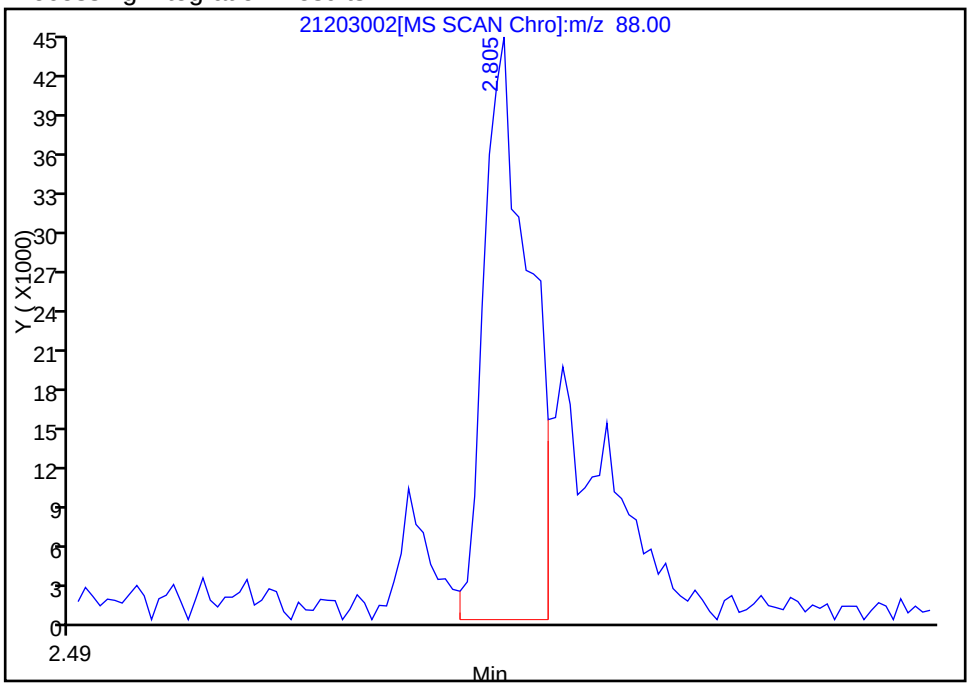
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203002.D		
Injection Date:	03-Dec-2012 11:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.80

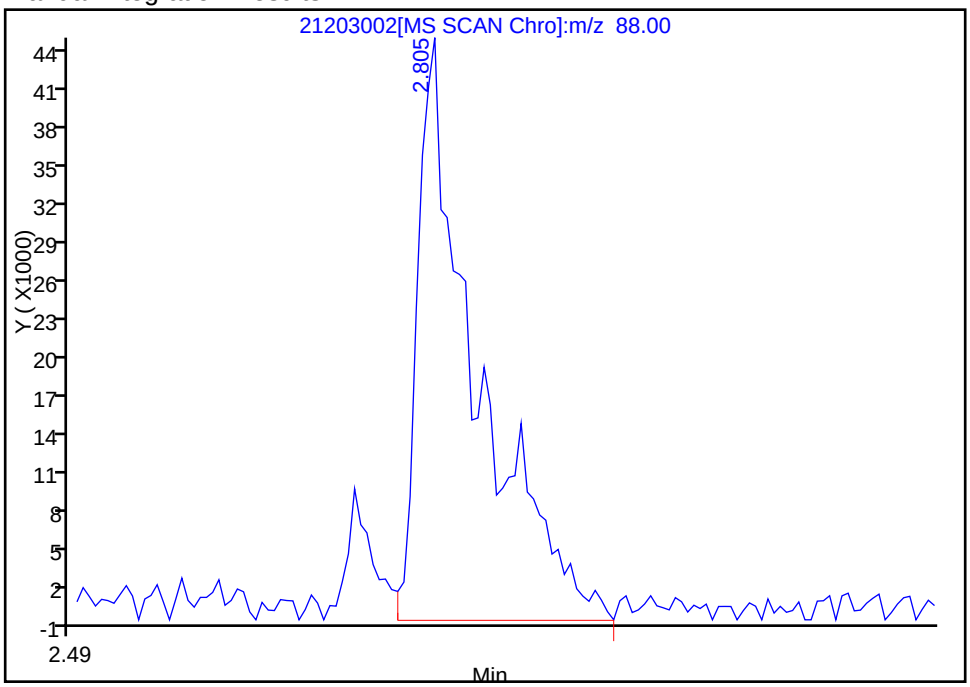
Processing Integration Results

RT: 2.80
Response: 100040
Amount: 5.000000



Manual Integration Results

RT: 2.80
Response: 154568
Amount: 5.079281



Reviewer: ulmanm, 03-Dec-2012 12:20:24
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	03-Dec-2012 11:57:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015467-003		
Misc. Info.:	STD4 TCL =STD4 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	67070	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:18	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 12:35:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	82	161885	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	98	675596	4.00	
* 3 Acenaphthene-d10	164	8.650	8.649	0.001	66	424933	4.00	
* 4 Phenanthrene-d10	188	9.916	9.915	0.001	80	757981	4.00	
* 5 Chrysene-d12	240	12.533	12.538	-0.005	79	749258	4.00	
* 6 Perylene-d12	264	14.676	14.681	-0.005	78	598639	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	92	128768	2.02	
$ 8 Phenol-d5	99	5.685	5.684	0.001	0	178013	1.94	
$ 9 Nitrobenzene-d5	82	6.529	6.528	0.001	83	194252	1.88	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	95	263515	1.87	
$ 11 2,4,6-Tribromophenol	330	9.317	9.317	0.0	69	33836	2.06	
$ 12 Terphenyl-d14	244	11.294	11.294	0.0	94	304916	1.99	
25 1,4-Dioxane	88	2.805	2.805	0.0	71	73600	2.34	M
26 N-Nitrosodimethylamine	74	3.302	3.275	0.027	73	67969	1.65	M
27 Pyridine	79	3.340	3.318	0.022	94	153463	1.82	
28 Ethyl methacrylate	69	3.879	3.879	0.0	77	161059	1.97	
29 3-Chloropropionitrile	54	4.221	4.215	0.006	91	57636	1.93	M
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	83	159811	1.92	
43 Phenol	94	5.701	5.700	0.001	93	199816	1.92	
44 Aniline	93	5.754	5.754	0.0	83	247876	1.90	
69 Bis(2-chloroethyl)ether	93	5.802	5.802	0.0	95	158390	1.97	
46 2-Chlorophenol	128	5.861	5.861	0.0	85	117271	1.98	
47 1,3-Dichlorobenzene	146	6.005	6.005	0.0	83	131225	2.06	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	78	131422	2.05	
49 Benzyl alcohol	108	6.155	6.154	0.001	82	92107	1.89	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	80	127458	2.06	
51 2-Methylphenol	108	6.235	6.240	-0.005	91	137096	1.97	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.272	0.0	96	163862	2.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.363	0.0	88	142155	1.92	
57 N-Nitrosodi-n-propylamine	70	6.385	6.384	0.001	73	136985	1.88	
58 Acetophenone	105	6.395	6.395	0.0	79	200038	1.86	
61 Hexachloroethane	117	6.502	6.502	0.0	88	62068	2.07	
62 Nitrobenzene	77	6.545	6.544	0.001	74	208929	1.92	
64 Isophorone	82	6.748	6.747	0.001	95	365723	1.84	
66 2-Nitrophenol	139	6.823	6.822	0.001	79	57138	1.93	
65 2,4-Dimethylphenol	107	6.828	6.828	0.0	93	162458	1.95	
67 1,3,5-Trichlorobenzene	180	6.833	6.833	0.0	86	124050	2.04	
71 Benzoic acid	122	6.855	6.865	-0.010	73	98753	4.13	M
70 Bis(2-chloroethoxy)methane	93	6.919	6.918	0.001	96	191667	1.89	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	90	96906	2.02	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	76	124736	2.11	
75 Naphthalene	128	7.175	7.175	0.0	94	338015	1.82	
76 4-Chloroaniline	127	7.202	7.202	0.0	62	136785	1.86	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	83	63712	1.97	
80 1,2,3-Trichlorobenzene	180	7.293	7.292	0.001	73	105880	0	
84 Caprolactam	113	7.474	7.479	-0.005	78	42653	2.18	
86 4-Chloro-3-methylphenol	107	7.592	7.592	0.0	81	141534	2.02	
87 2-Methylnaphthalene	142	7.763	7.762	0.001	85	225921	1.94	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	81	211190	1.88	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	85	115999	1.96	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	72	62483	1.83	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	80	72898	1.98	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	89	80751	1.99	
97 2,4-Toluene diamine	121	8.131	8.131	0.0	92	57287	1.73	
99 1,2,3,4 -Tetrachlorobenzene	216	8.147	8.147	0.0	86	118726	0	
98 1,1'-Biphenyl	154	8.147	8.152	-0.005	94	298603	1.95	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	94	224430	1.92	
102 2-Nitroaniline	65	8.249	8.249	0.0	64	106992	1.96	
105 Dimethyl phthalate	163	8.388	8.388	0.0	93	262446	1.90	
107 2,6-Dinitrotoluene	165	8.447	8.446	0.001	74	55828	1.94	
108 1,2-Dinitrobenzene	168	8.495	8.494	0.001	70	25396	1.80	
109 Acenaphthylene	152	8.532	8.537	-0.005	66	351616	1.88	
110 3-Nitroaniline	138	8.591	8.591	0.001	78	60951	1.97	
111 2,4-Dinitrophenol	184	8.676	8.676	0.0	59	48766	3.90	
112 Acenaphthene	153	8.682	8.681	0.001	88	221678	1.87	
113 4-Nitrophenol	109	8.698	8.697	0.001	79	41218	1.81	
114 2,4-Dinitrotoluene	165	8.789	8.788	0.0	75	75165	1.95	
116 Dibenzofuran	168	8.826	8.826	0.0	85	326470	1.91	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.879	0.0	85	62062	1.85	
121 Diethyl phthalate	149	8.975	8.980	-0.005	92	261466	1.91	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	91	141595	1.93	
125 4-Nitroaniline	138	9.109	9.109	0.0	82	62979	1.94	
126 Fluorene	166	9.114	9.114	0.0	69	274254	1.89	
128 4,6-Dinitro-2-methylphenol	198	9.130	9.130	0.0	66	39778	1.98	
131 N-Nitrosodiphenylamine	169	9.195	9.194	0.0	97	206062	1.97	
133 Azobenzene	77	9.232	9.237	-0.005	94	459925	1.80	
132 1,2-Diphenylhydrazine	77	9.232	9.237	-0.005	100	457089	1.79	
139 4-Bromophenyl phenyl ether	248	9.515	9.520	-0.005	68	76066	1.99	
141 Hexachlorobenzene	284	9.584	9.584	0.0	77	75787	1.97	
142 Atrazine	200	9.622	9.622	0.0	80	69824	2.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.739	9.739	0.0	76	105285	4.12	
148 Phenanthrene	178	9.937	9.937	0.0	80	419489	1.85	
149 Anthracene	178	9.980	9.979	0.001	83	402882	1.78	
151 Carbazole	167	10.103	10.102	0.001	62	366937	1.81	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	99	473027	1.90	
159 Fluoranthene	202	10.957	10.957	0.0	76	494739	1.91	
160 Benzidine	184	11.054	11.053	0.001	84	179325	1.81	M
161 Pyrene	202	11.176	11.176	0.0	78	494245	1.91	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	83	201465	1.95	
172 3,3'-Dimethoxybenzidine	244	12.416	12.415	0.001	78	78653	1.84	
174 4,4'-Methylene bis(2-chloroanili	231	12.459	12.464	-0.005	68	79087	1.89	
175 3,3'-Dichlorobenzidine	252	12.459	12.464	-0.005	66	145915	1.92	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	96	307506	2.00	
177 Benzo[a]anthracene	228	12.523	12.522	0.001	89	435351	1.87	
178 Chrysene	228	12.571	12.576	-0.005	79	411538	1.92	
180 Di-n-octyl phthalate	149	13.420	13.425	-0.005	98	469921	2.10	
182 Benzo[b]fluoranthene	252	14.077	14.077	0.0	88	397416	1.92	
183 Benzo[k]fluoranthene	252	14.120	14.120	0.0	77	442164	2.07	
184 Benzo[a]pyrene	252	14.590	14.595	-0.005	75	379895	1.94	
188 Indeno[1,2,3-cd]pyrene	276	16.396	16.401	-0.005	80	426262	1.98	
189 Dibenz(a,h)anthracene	278	16.422	16.427	-0.005	31	359396	2.04	
190 Benzo[g,h,i]perylene	276	16.876	16.881	-0.005	77	352887	1.95	
S 191 Methyl Phenols,Total	100				0		3.89	

QC Flag Legend

Review Flags
M - Manually Integrated

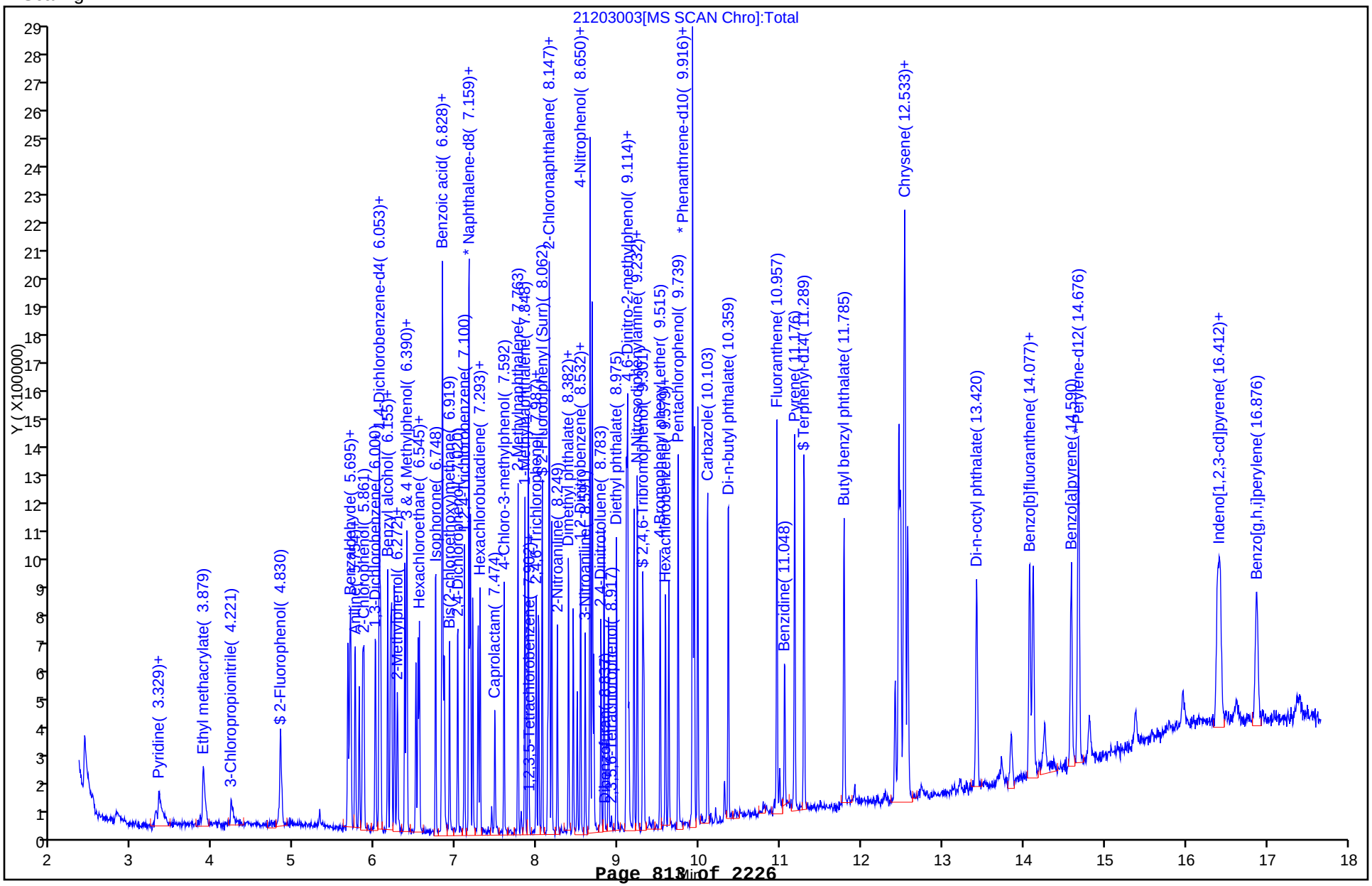
Report Date: 04-Dec-2012 08:01:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D

Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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

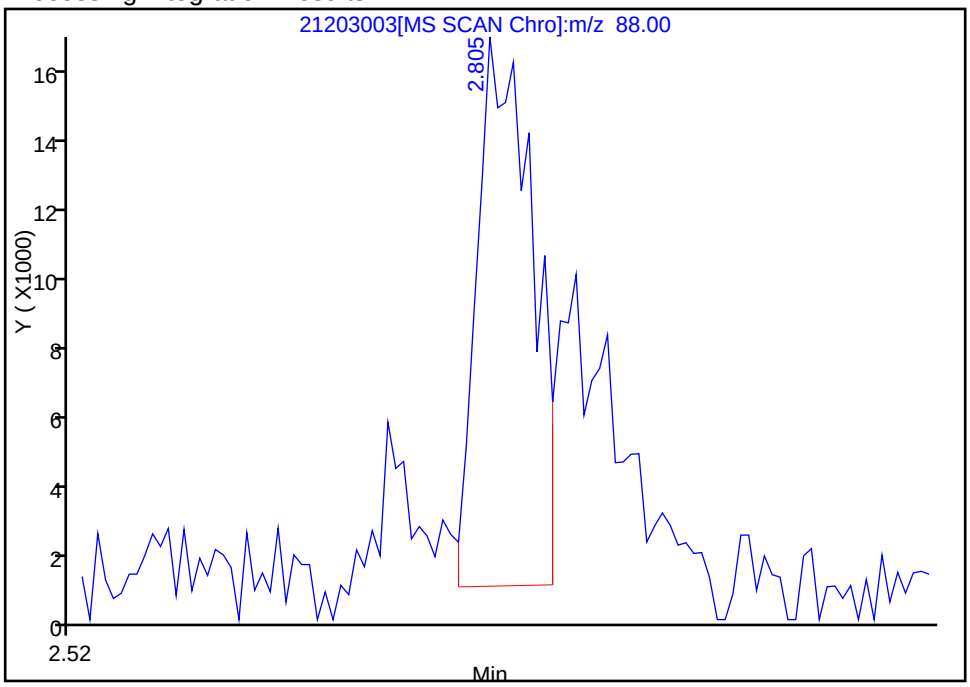
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.80

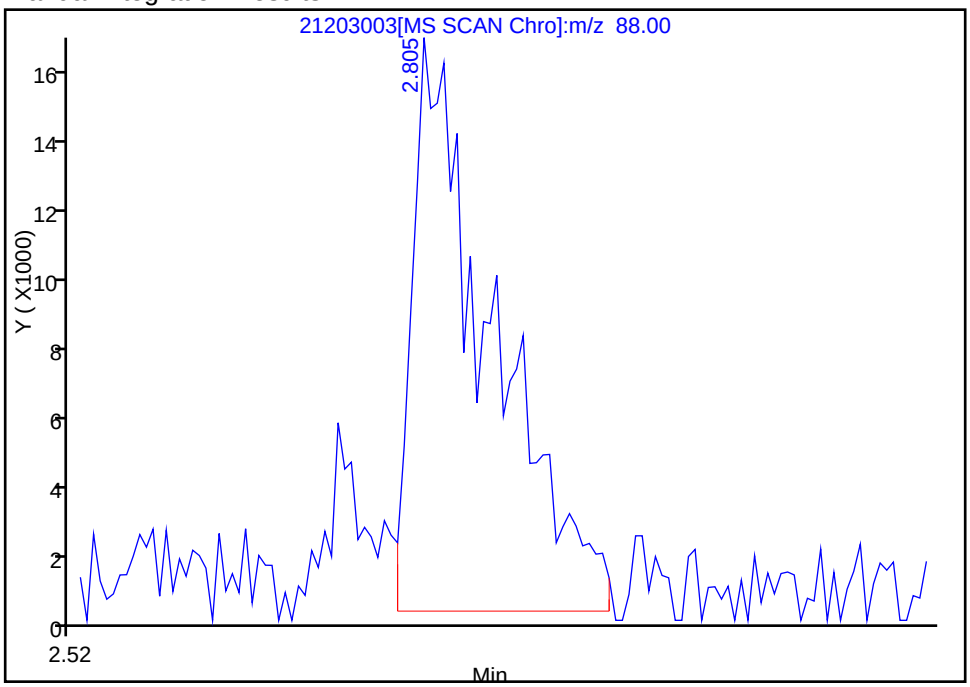
Processing Integration Results

RT: 2.81
Response: 41916
Amount: 1.585416



Manual Integration Results

RT: 2.81
Response: 73600
Amount: 2.342400



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

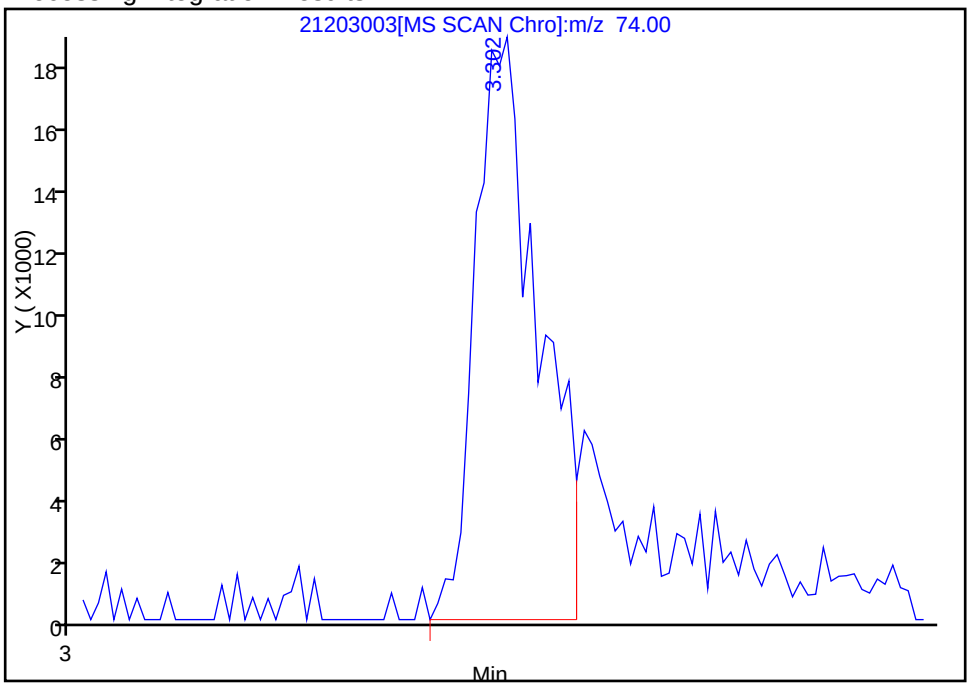
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.28

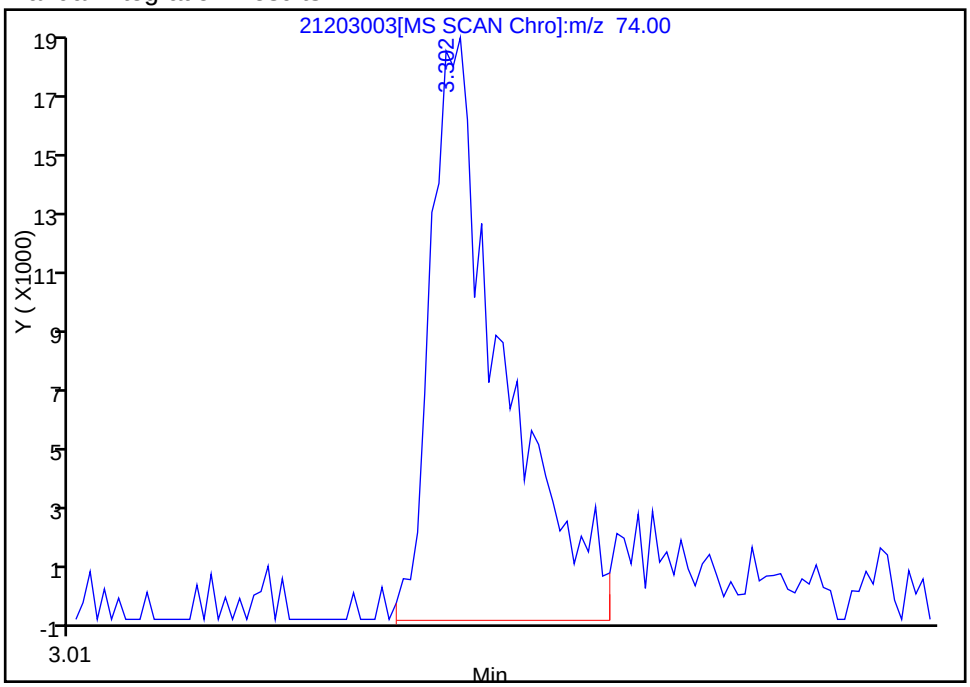
Processing Integration Results

RT: 3.30
Response: 55497
Amount: 1.706845



Manual Integration Results

RT: 3.30
Response: 67969
Amount: 1.646186



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

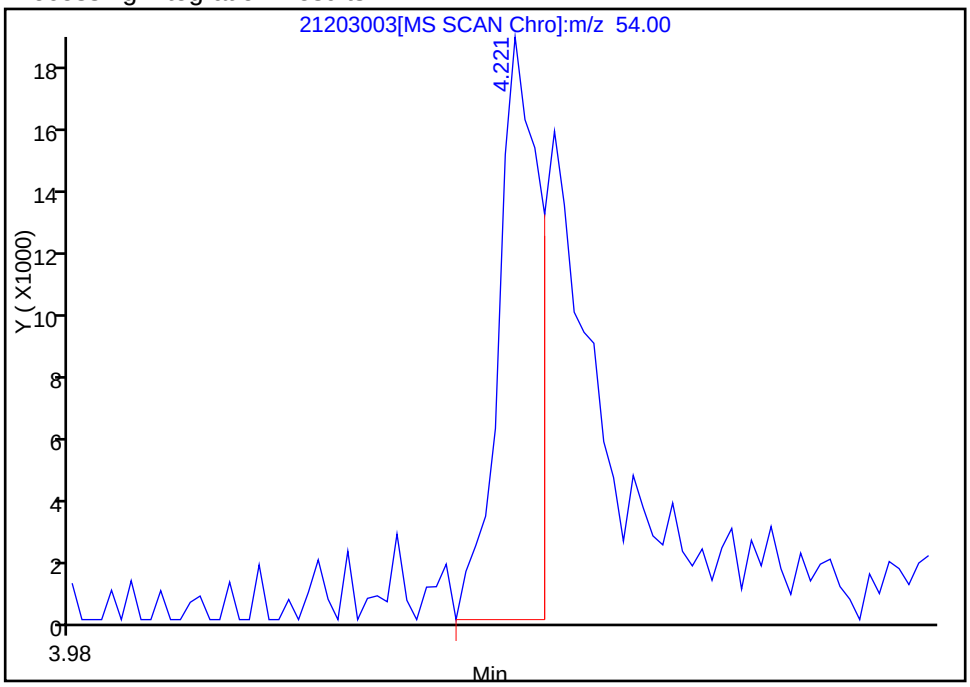
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.22

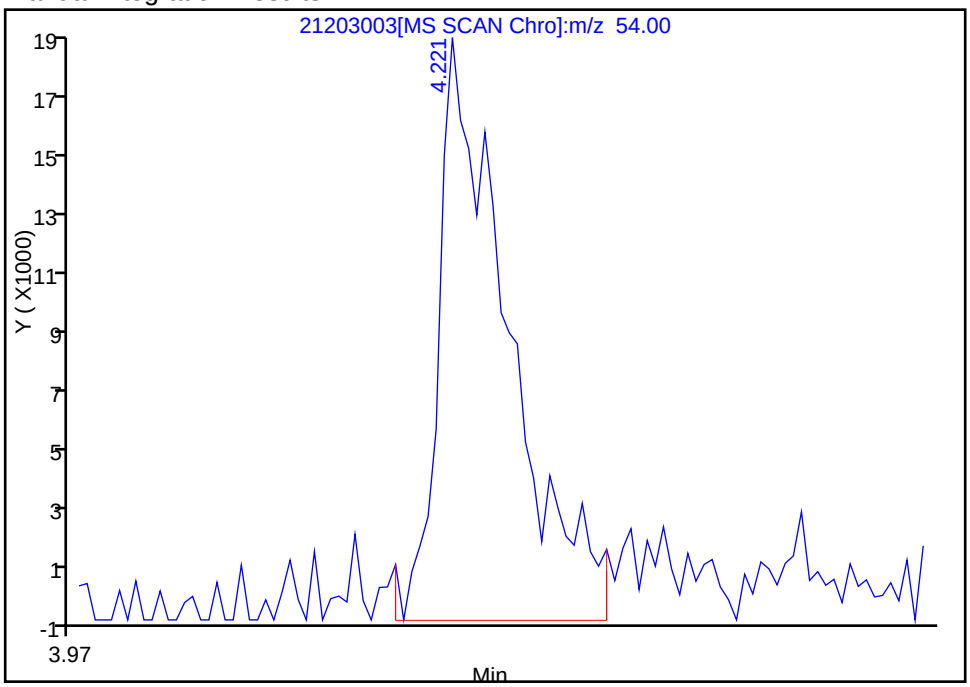
Processing Integration Results

RT: 4.22
Response: 28213
Amount: 1.354113



Manual Integration Results

RT: 4.22
Response: 57636
Amount: 1.930060



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

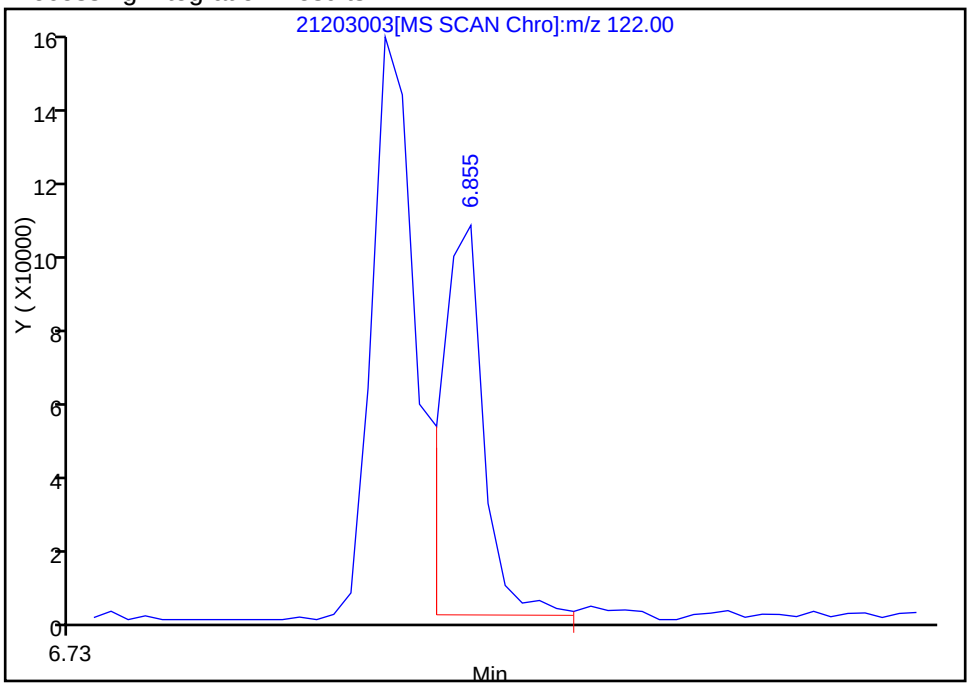
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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: 6.86

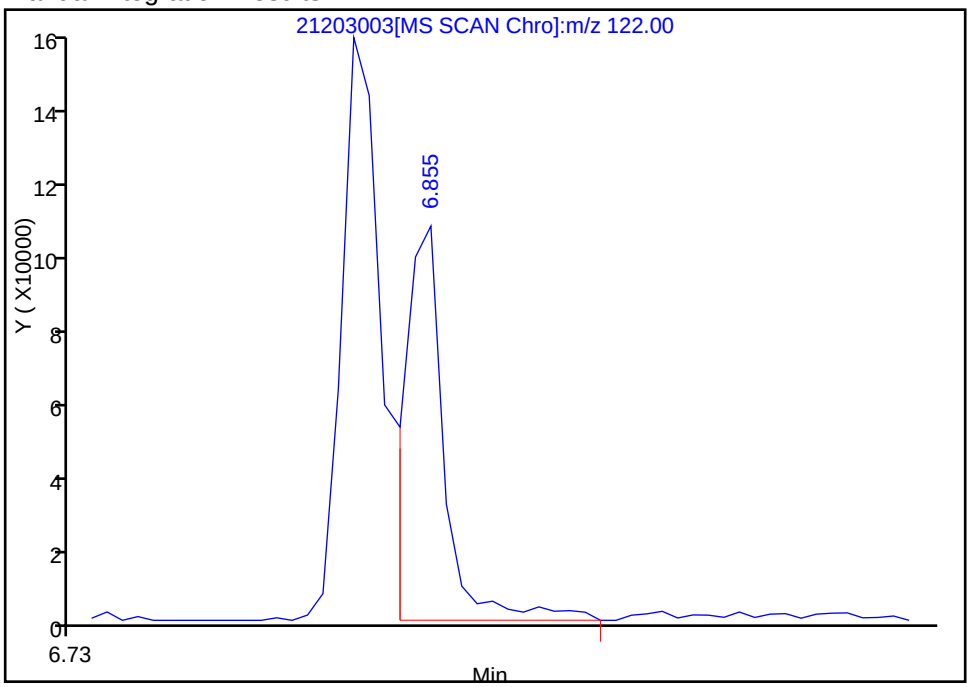
Processing Integration Results

RT: 6.85
Response: 92193
Amount: 3.536955



Manual Integration Results

RT: 6.85
Response: 98753
Amount: 4.125413



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

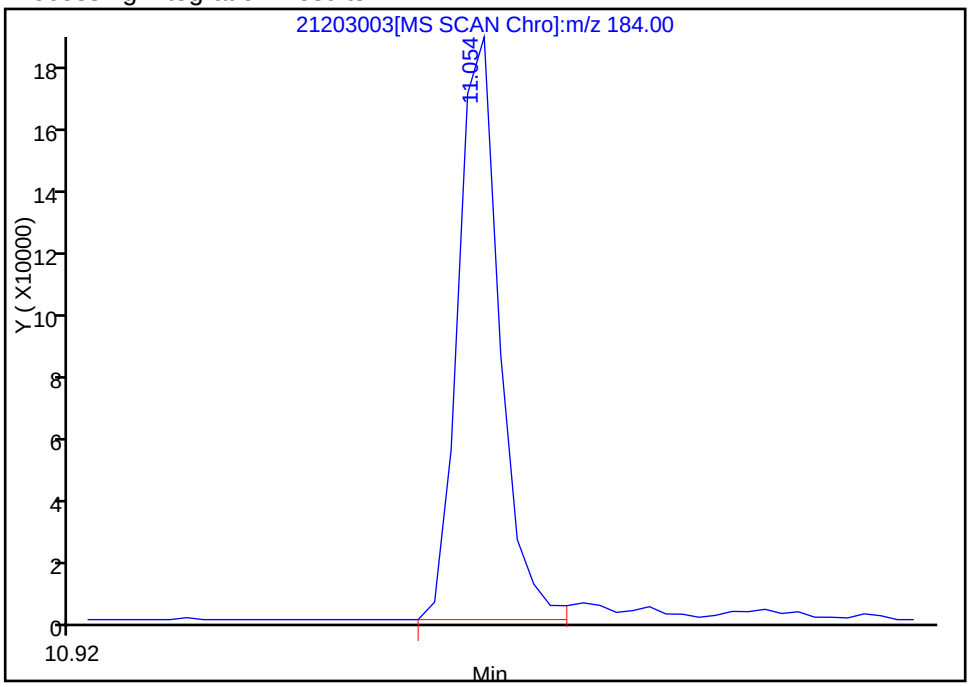
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Signal: 1, m/z: 184.0 Type: quant, RT: 11.05

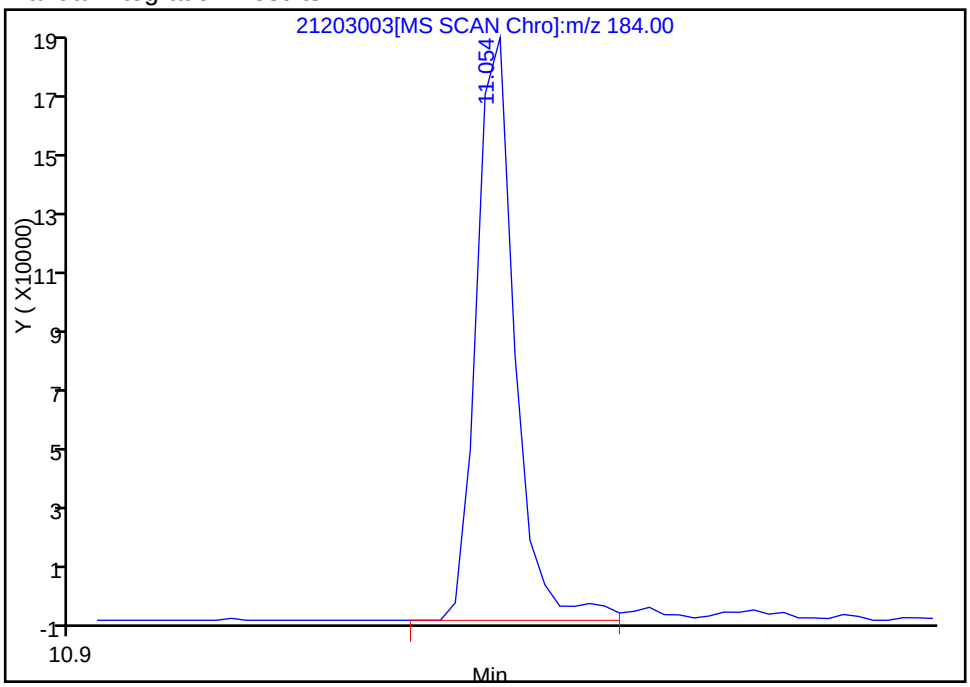
Processing Integration Results

RT: 11.05
Response: 175241
Amount: 1.650461



Manual Integration Results

RT: 11.05
Response: 179325
Amount: 1.812593



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	03-Dec-2012 12:23:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015467-004		
Misc. Info.:	STD3 TCL =STD3 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	67070	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:19	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 13:20:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.052	6.053	-0.001	87	180951	4.00	
* 2 Naphthalene-d8	136	7.158	7.159	-0.001	98	731197	4.00	
* 3 Acenaphthene-d10	164	8.654	8.649	0.005	67	458264	4.00	
* 4 Phenanthrene-d10	188	9.914	9.915	-0.001	74	827757	4.00	
* 5 Chrysene-d12	240	12.537	12.538	-0.001	76	808779	4.00	
* 6 Perylene-d12	264	14.674	14.681	-0.007	78	656164	4.00	
$ 7 2-Fluorophenol	112	4.829	4.830	-0.001	82	71467	1.00	
$ 8 Phenol-d5	99	5.689	5.684	0.005	0	83118	0.8085	
$ 9 Nitrobenzene-d5	82	6.527	6.528	-0.001	81	102066	0.9121	
$ 10 2-Fluorobiphenyl (Surr)	172	8.061	8.062	-0.001	92	139870	0.9191	
$ 11 2,4,6-Tribromophenol	330	9.316	9.317	-0.001	56	15445	0.8703	
$ 12 Terphenyl-d14	244	11.293	11.294	-0.001	94	140052	0.8453	
25 1,4-Dioxane	88	2.809	2.805	0.004	53	36233	1.03	
26 N-Nitrosodimethylamine	74	3.295	3.275	0.020	54	38998	0.8450	M
27 Pyridine	79	3.333	3.318	0.015	83	98326	1.04	M
28 Ethyl methacrylate	69	3.878	3.879	-0.001	65	88277	0.9664	M
29 3-Chloropropionitrile	54	4.225	4.215	0.010	61	32110	0.9620	M
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.662	5.663	-0.001	79	85156	0.9630	
43 Phenol	94	5.699	5.700	-0.001	92	104773	0.8995	
44 Aniline	93	5.753	5.754	-0.001	91	132878	0.9129	
69 Bis(2-chloroethyl)ether	93	5.801	5.802	-0.001	92	83963	0.9343	
46 2-Chlorophenol	128	5.860	5.861	-0.001	91	65098	0.9852	
47 1,3-Dichlorobenzene	146	6.004	6.005	-0.001	81	68057	0.9580	
48 1,4-Dichlorobenzene	146	6.068	6.069	-0.001	80	72462	1.01	
49 Benzyl alcohol	108	6.153	6.154	-0.001	76	47603	0.8740	
50 1,2-Dichlorobenzene	146	6.201	6.203	-0.002	78	72856	1.06	
51 2-Methylphenol	108	6.239	6.240	-0.001	93	70206	0.9036	
53 2,2'-oxybis[1-chloropropane]	45	6.271	6.272	-0.001	97	86200	0.9412	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.362	6.363	-0.001	89	76864	0.9296	
57 N-Nitrosodi-n-propylamine	70	6.383	6.384	-0.001	70	74460	0.9138	
58 Acetophenone	105	6.394	6.395	-0.001	79	111915	0.9325	
61 Hexachloroethane	117	6.501	6.502	-0.001	84	31356	0.9342	
62 Nitrobenzene	77	6.543	6.544	-0.001	74	107279	0.9107	
64 Isophorone	82	6.746	6.747	-0.001	93	180520	0.8402	
66 2-Nitrophenol	139	6.821	6.822	-0.001	83	30729	0.9568	
65 2,4-Dimethylphenol	107	6.832	6.828	0.004	95	86010	0.9535	
67 1,3,5-Trichlorobenzene	180	6.832	6.833	-0.001	75	62851	0.9536	
71 Benzoic acid	122	6.843	6.865	-0.022	0	43345	2.57	M
70 Bis(2-chloroethoxy)methane	93	6.917	6.918	-0.001	92	102759	0.9348	
73 2,4-Dichlorophenol	162	7.019	7.020	-0.001	88	50413	0.9730	
74 1,2,4-Trichlorobenzene	180	7.099	7.100	-0.001	80	59431	0.9274	
75 Naphthalene	128	7.174	7.175	-0.001	91	179633	0.8945	
76 4-Chloroaniline	127	7.206	7.202	0.004	59	76741	0.9663	
79 Hexachlorobutadiene	225	7.270	7.271	-0.001	80	34526	0.9879	
80 1,2,3-Trichlorobenzene	180	7.297	7.292	0.005	84	58785	0	
84 Caprolactam	113	7.473	7.479	-0.006	73	23626	1.12	
86 4-Chloro-3-methylphenol	107	7.590	7.592	-0.002	79	67551	0.8890	
87 2-Methylnaphthalene	142	7.761	7.762	-0.001	90	119237	0.9472	
88 1-Methylnaphthalene	142	7.847	7.848	-0.001	76	117141	0.9617	
90 1,2,3,5-Tetrachlorobenzene	216	7.890	7.891	-0.001	82	64586	1.01	
89 Hexachlorocyclopentadiene	237	7.890	7.891	-0.001	61	33939	0.9213	
92 2,4,6-Trichlorophenol	196	7.986	7.987	-0.001	81	39472	0.99	
93 2,4,5-Trichlorophenol	196	8.018	8.019	-0.001	88	45065	1.03	
97 2,4-Toluene diamine	121	8.130	8.131	-0.001	88	37351	1.04	
99 1,2,3,4 -Tetrachlorobenzene	216	8.146	8.147	-0.001	82	59425	0	
98 1,1'-Biphenyl	154	8.151	8.152	-0.001	87	155182	0.9375	
100 2-Chloronaphthalene	162	8.178	8.179	-0.001	96	120779	0.9560	
102 2-Nitroaniline	65	8.248	8.249	-0.001	68	53615	0.9115	
105 Dimethyl phthalate	163	8.386	8.388	-0.002	91	131956	0.8864	
107 2,6-Dinitrotoluene	165	8.445	8.446	-0.001	66	26244	0.8477	
108 1,2-Dinitrobenzene	168	8.493	8.494	-0.001	67	14355	0.9430	
109 Acenaphthylene	152	8.536	8.537	-0.001	92	179744	0.8918	
110 3-Nitroaniline	138	8.589	8.591	-0.001	82	29136	0.8749	
111 2,4-Dinitrophenol	184	8.675	8.676	-0.001	46	22221	2.54	
112 Acenaphthene	153	8.680	8.681	-0.001	81	112464	0.8798	
113 4-Nitrophenol	109	8.696	8.697	-0.001	77	22450	0.9161	
114 2,4-Dinitrotoluene	165	8.787	8.788	-0.001	70	33761	0.8127	
116 Dibenzofuran	168	8.824	8.826	-0.002	88	171901	0.9320	
118 2,3,5,6-Tetrachlorophenol	232	8.878	8.879	-0.001	86	33187	0.9156	
121 Diethyl phthalate	149	8.979	8.980	-0.001	92	130788	0.8875	
123 4-Chlorophenyl phenyl ether	204	9.097	9.098	-0.001	90	78374	0.9891	
125 4-Nitroaniline	138	9.108	9.109	-0.001	68	31051	0.8853	
126 Fluorene	166	9.113	9.114	-0.001	60	148698	0.9523	
128 4,6-Dinitro-2-methylphenol	198	9.129	9.130	-0.001	60	15977	1.15	
131 N-Nitrosodiphenylamine	169	9.193	9.194	-0.001	91	99063	0.8663	
133 Azobenzene	77	9.236	9.237	-0.001	93	238402	0.8562	
132 1,2-Diphenylhydrazine	77	9.236	9.237	-0.001	100	238402	0.8562	
139 4-Bromophenyl phenyl ether	248	9.519	9.520	-0.001	73	36737	0.8801	
141 Hexachlorobenzene	284	9.583	9.584	-0.001	80	38543	0.9152	
142 Atrazine	200	9.620	9.622	-0.002	79	34876	0.9579	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.738	9.739	-0.001	78	47995	1.99	
148 Phenanthrene	178	9.936	9.937	-0.001	80	229503	0.9280	
149 Anthracene	178	9.978	9.979	-0.001	83	219050	0.8842	
151 Carbazole	167	10.101	10.102	-0.001	78	190352	0.8579	
154 Di-n-butyl phthalate	149	10.358	10.359	-0.001	98	219458	0.8052	
159 Fluoranthene	202	10.956	10.957	-0.001	81	243024	0.8609	
160 Benzidine	184	11.052	11.053	-0.001	84	86398	1.11	
161 Pyrene	202	11.175	11.176	-0.001	78	251331	0.8981	
168 Butyl benzyl phthalate	149	11.784	11.785	-0.001	81	94335	0.8446	
172 3,3'-Dimethoxybenzidine	244	12.414	12.415	-0.001	74	39058	1.16	
174 4,4'-Methylene bis(2-chloroanili	231	12.462	12.464	-0.002	72	39962	0.8854	
175 3,3'-Dichlorobenzidine	252	12.462	12.464	-0.002	71	71021	0.99	
173 Bis(2-ethylhexyl) phthalate	149	12.484	12.485	-0.001	89	136001	0.8183	
177 Benzo[a]anthracene	228	12.521	12.522	-0.001	81	244392	0.9704	
178 Chrysene	228	12.569	12.576	-0.007	79	203554	0.8814	
180 Di-n-octyl phthalate	149	13.424	13.425	-0.001	97	201729	0.8598	
182 Benzo[b]fluoranthene	252	14.076	14.077	-0.001	83	214322	0.9423	
183 Benzo[k]fluoranthene	252	14.119	14.120	-0.002	81	206313	0.8820	
184 Benzo[a]pyrene	252	14.589	14.595	-0.006	64	191163	0.8903	
188 Indeno[1,2,3-cd]pyrene	276	16.394	16.401	-0.007	81	224422	0.9515	M
189 Dibenz(a,h)anthracene	278	16.426	16.427	-0.001	65	178133	0.9202	
190 Benzo[g,h,i]perylene	276	16.875	16.881	-0.006	72	178013	0.8986	
S 191 Methyl Phenols,Total	100				0		1.83	

QC Flag Legend

Review Flags
M - Manually Integrated

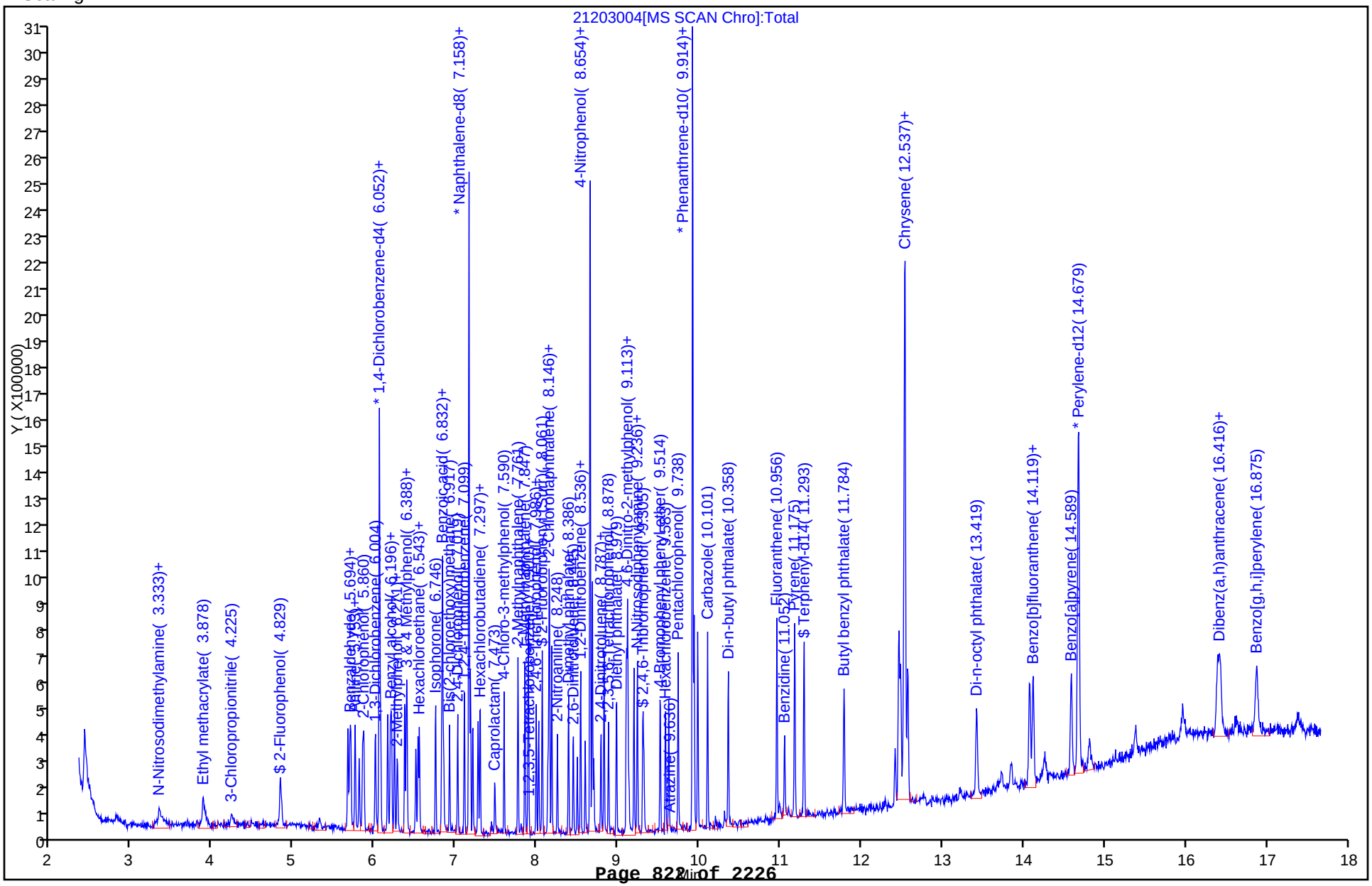
Report Date: 04-Dec-2012 08:01:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D

Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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

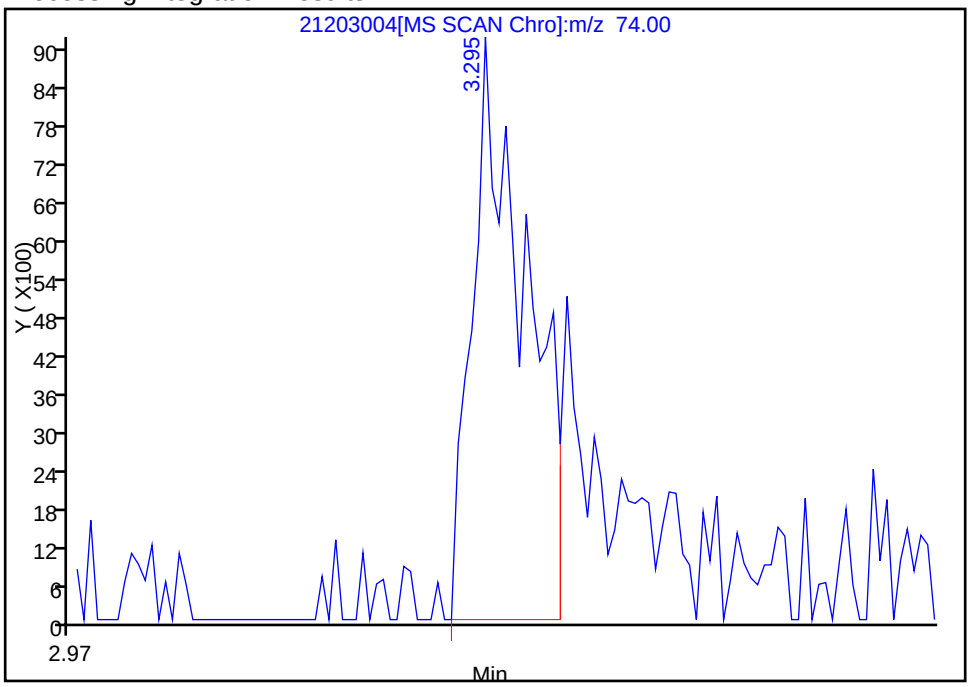
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.28

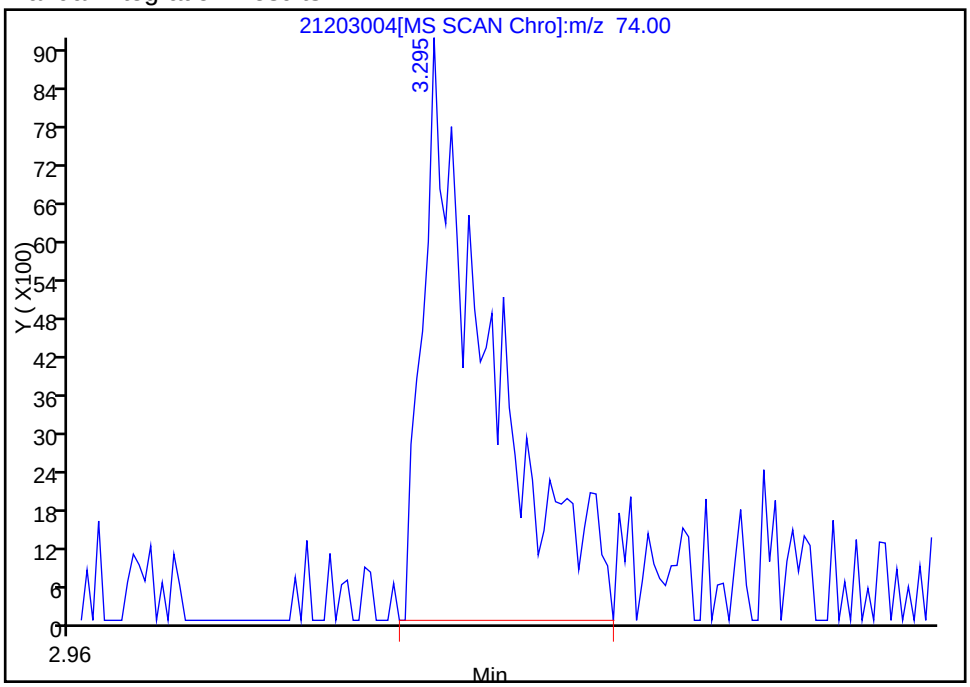
Processing Integration Results

RT: 3.30
Response: 26879
Amount: 0.756892



Manual Integration Results

RT: 3.30
Response: 38998
Amount: 0.844999



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

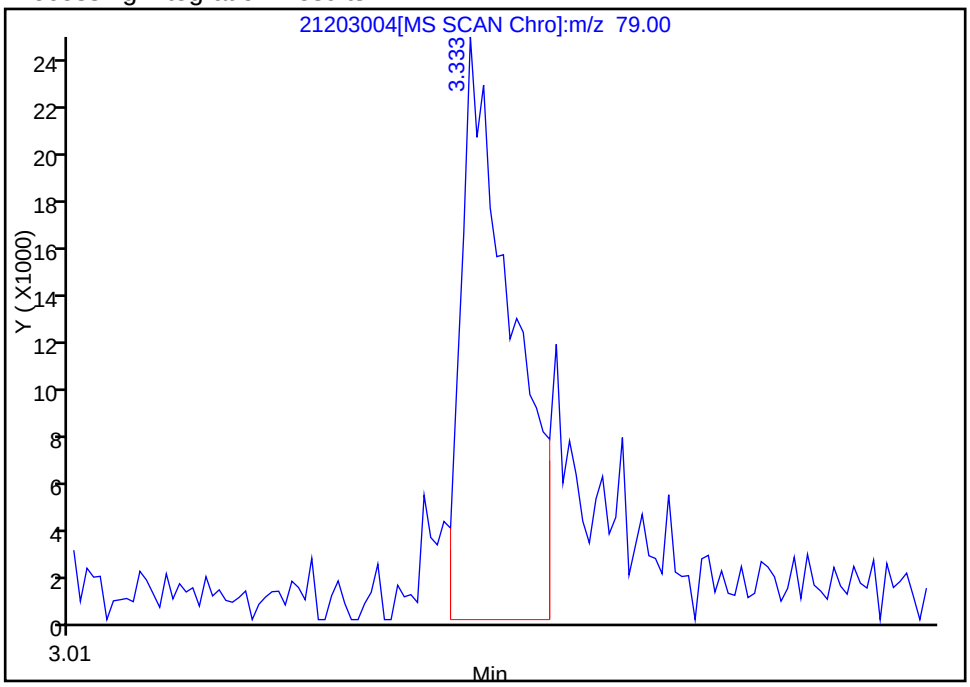
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.32

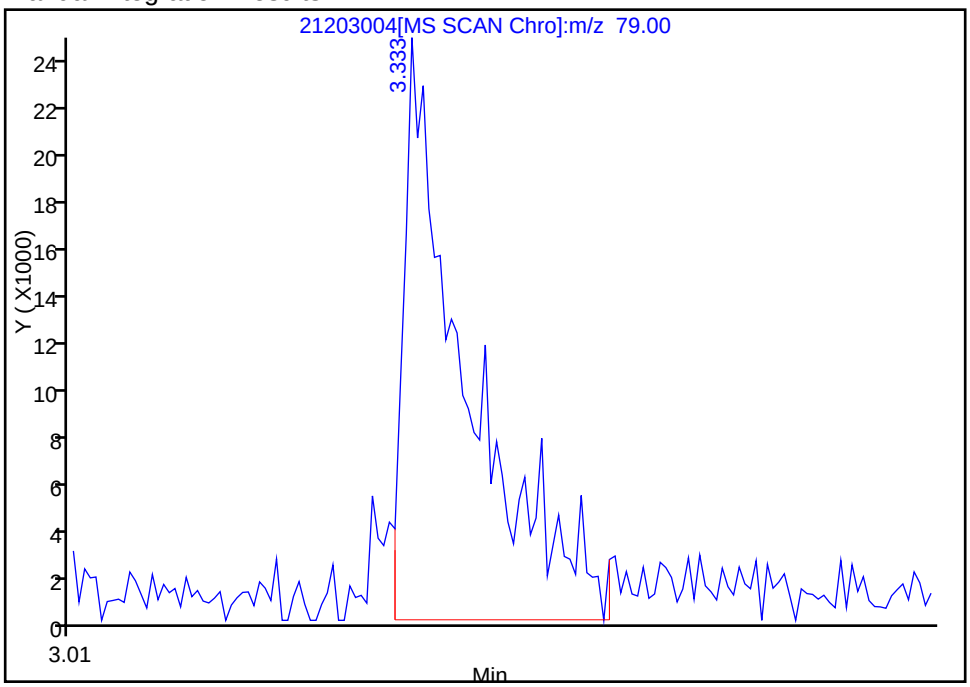
Processing Integration Results

RT: 3.33
Response: 68455
Amount: 0.834802



Manual Integration Results

RT: 3.33
Response: 98326
Amount: 1.044078



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

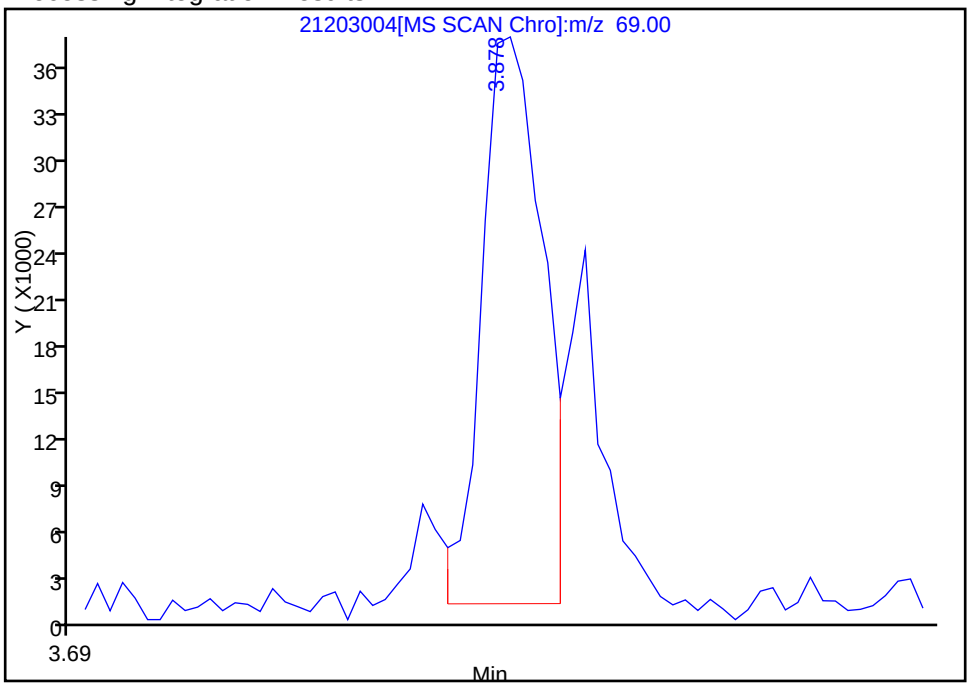
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.88

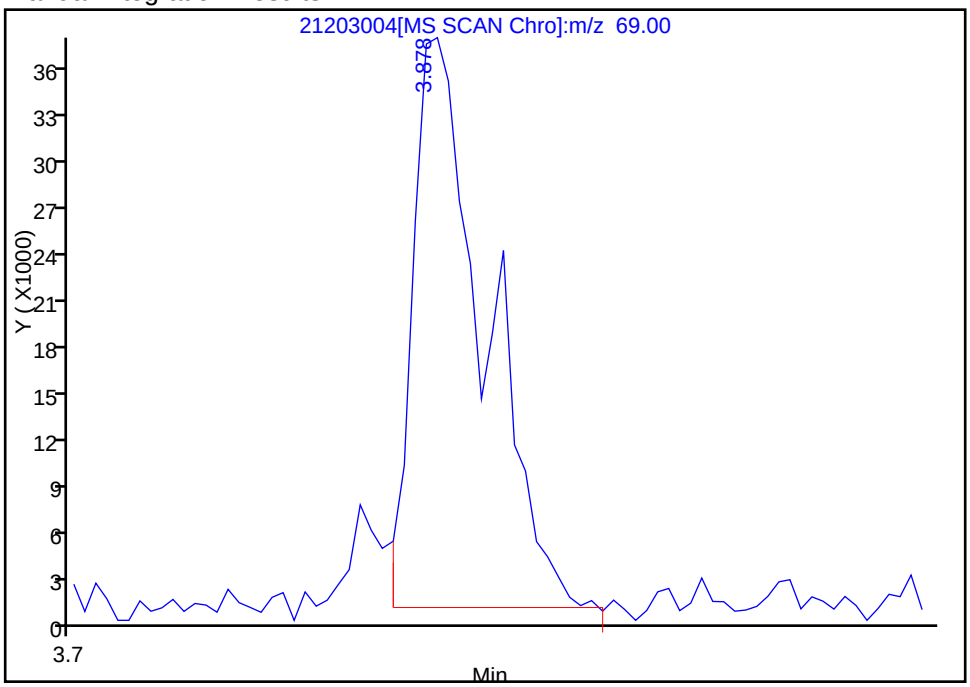
Processing Integration Results

RT: 3.88
Response: 66442
Amount: 0.817365



Manual Integration Results

RT: 3.88
Response: 88277
Amount: 0.966433



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

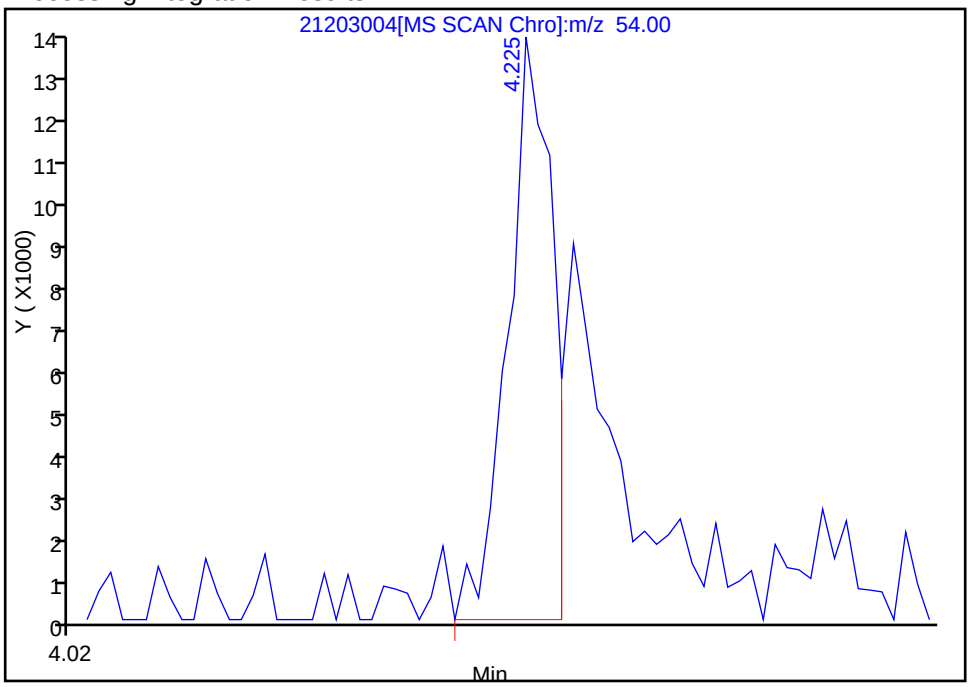
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.22

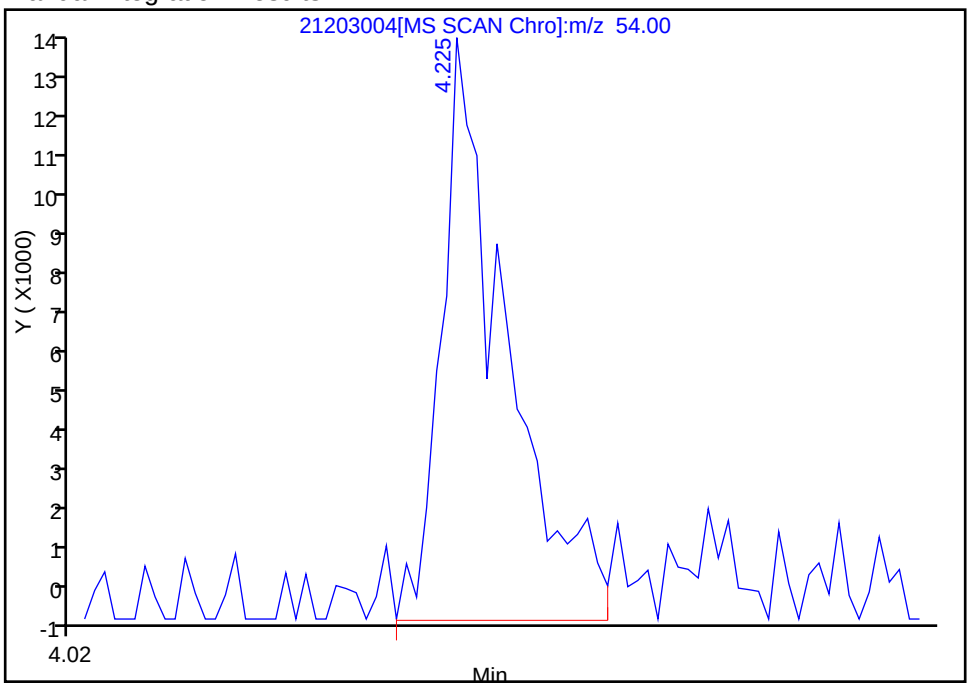
Processing Integration Results

RT: 4.22
Response: 18910
Amount: 0.692404



Manual Integration Results

RT: 4.22
Response: 32110
Amount: 0.961973



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

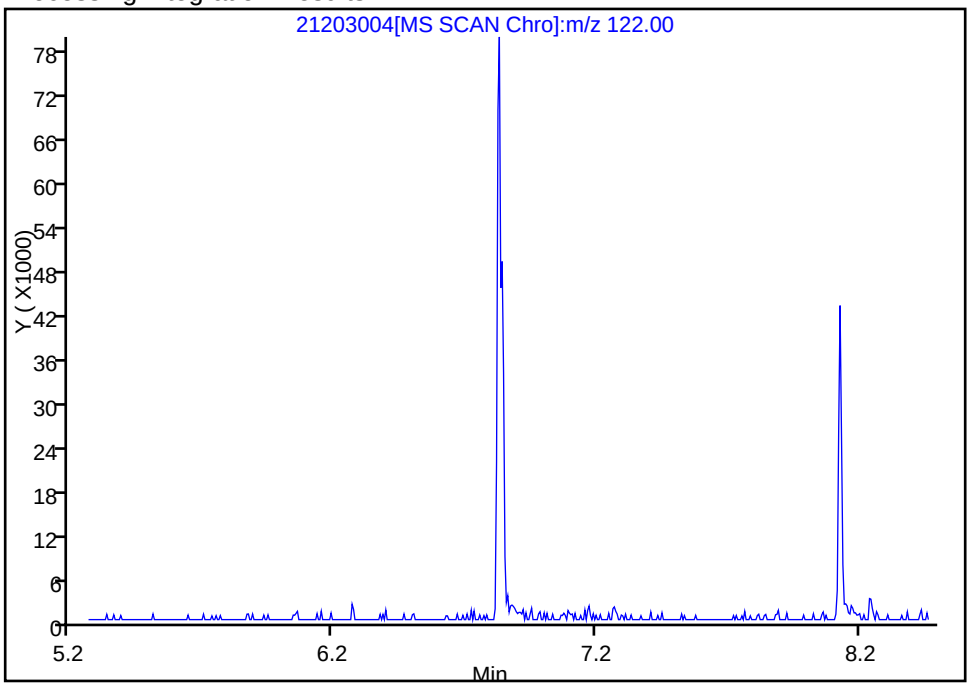
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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: 6.86

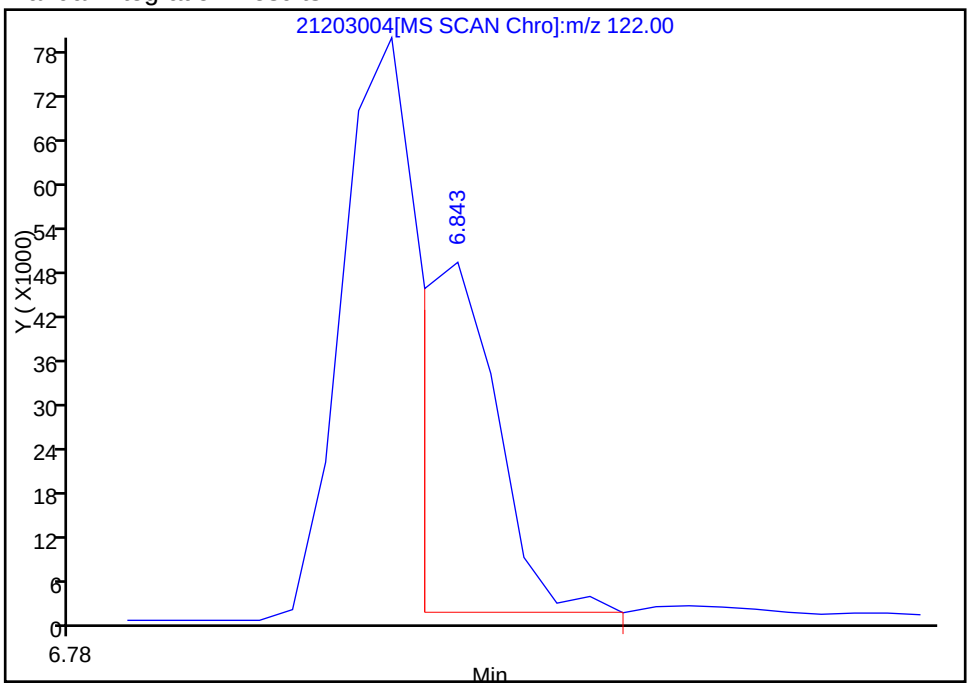
Processing Integration Results

Not Detected
Expected RT: 6.86



Manual Integration Results

RT: 6.84
Response: 43345
Amount: 2.573190



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

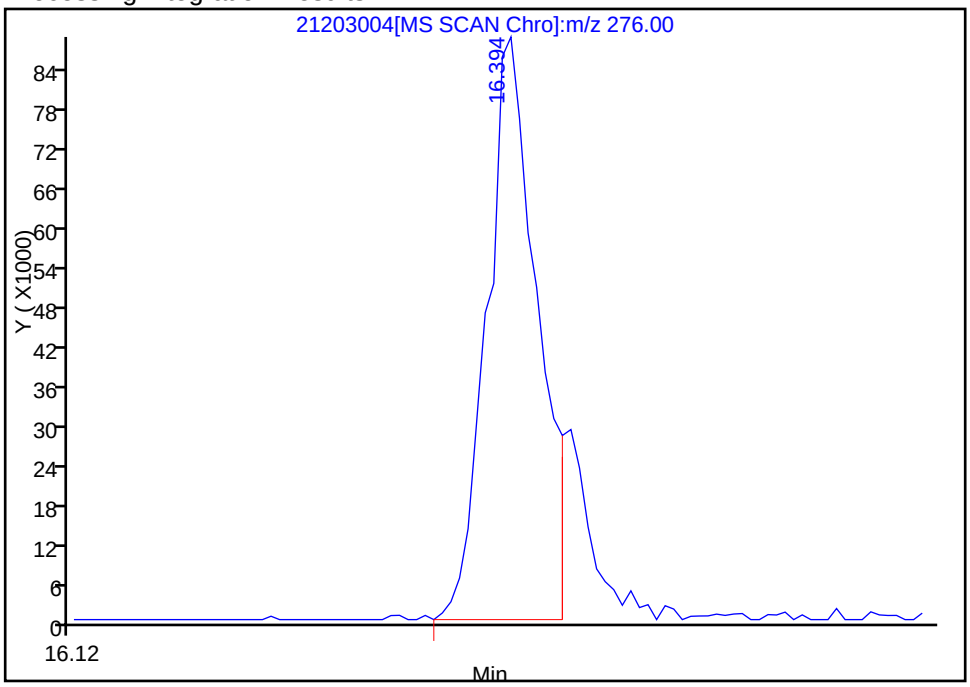
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

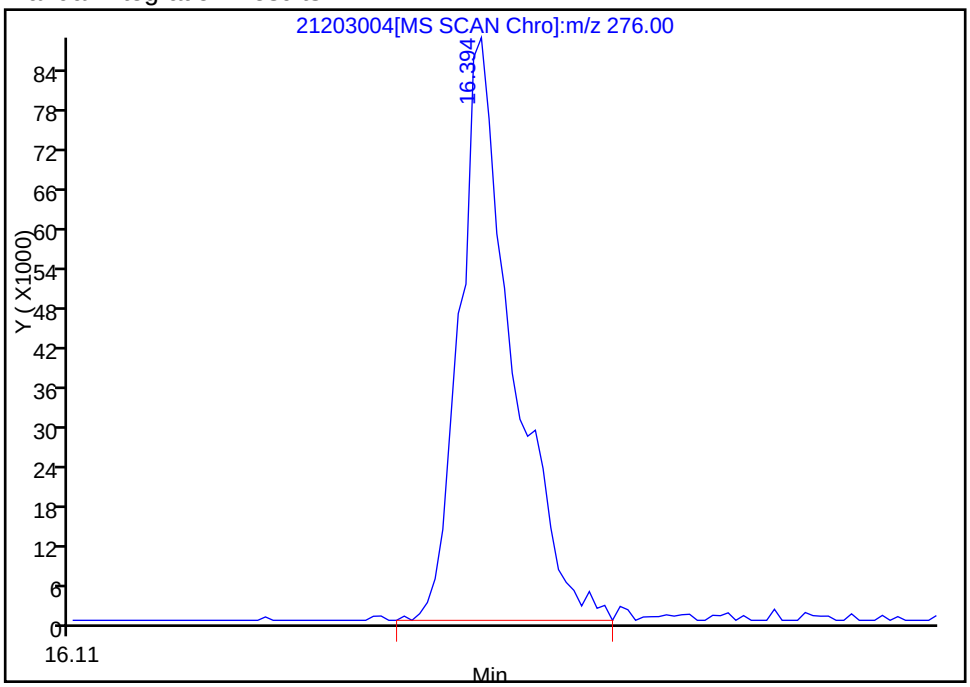
Processing Integration Results

RT: 16.39
Response: 193958
Amount: 0.872884



Manual Integration Results

RT: 16.39
Response: 224422
Amount: 0.951466



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D
Lims ID: std2 tcl
Client ID:
Inject. Date: 03-Dec-2012 12:48:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 2
Sample ID: 240-0015467-005
Misc. Info.: STD2 TCL =STD2 TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 5
Lims Batch ID: 67070
Lims Sample ID: 5
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:01:21
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm
Date: 03-Dec-2012 13:30:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	87	166689	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	98	690277	4.00	
* 3 Acenaphthene-d10	164	8.649	8.649	0.0	62	424077	4.00	
* 4 Phenanthrene-d10	188	9.916	9.915	0.001	76	777415	4.00	
* 5 Chrysene-d12	240	12.533	12.538	-0.005	76	773850	4.00	
* 6 Perylene-d12	264	14.675	14.681	-0.006	76	601643	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	72	31278	0.4769	
$ 8 Phenol-d5	99	5.685	5.684	0.001	0	46578	0.4918	
$ 9 Nitrobenzene-d5	82	6.529	6.528	0.001	77	51904	0.4913	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	87	63034	0.4476	
$ 11 2,4,6-Tribromophenol	330	9.317	9.317	0.0	37	6525	0.3973	
$ 12 Terphenyl-d14	244	11.288	11.294	-0.006	92	77875	0.4912	
25 1,4-Dioxane	88		2.805					M
26 N-Nitrosodimethylamine	74		3.275					M
27 Pyridine	79	3.350	3.318	0.032	82	40196	0.4633	M
28 Ethyl methacrylate	69	3.879	3.879	0.0	67	47787	0.5679	M
29 3-Chloropropionitrile	54	4.226	4.215	0.011	57	12811	0.4166	M
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	76	45364	0.6037	
43 Phenol	94	5.701	5.700	0.001	79	50968	0.4750	
44 Aniline	93	5.754	5.754	0.0	78	60535	0.4515	
69 Bis(2-chloroethyl)ether	93	5.802	5.802	0.0	86	40700	0.4916	
46 2-Chlorophenol	128	5.861	5.861	0.0	79	28679	0.4712	
47 1,3-Dichlorobenzene	146	6.000	6.005	-0.005	72	29838	0.4559	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	46	32037	0.4847	
49 Benzyl alcohol	108	6.155	6.154	0.001	73	25678	0.5118	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	81	29726	0.4673	
51 2-Methylphenol	108	6.235	6.240	-0.005	86	32023	0.4474	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.272	0.0	95	41429	0.4910	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.363	0.0	81	32008	0.4202	
57 N-Nitrosodi-n-propylamine	70	6.384	6.384	0.0	60	35519	0.4732	
58 Acetophenone	105	6.390	6.395	-0.005	88	53016	0.4795	
61 Hexachloroethane	117	6.502	6.502	0.0	87	17103	0.5531	
62 Nitrobenzene	77	6.545	6.544	0.001	75	52311	0.4704	
64 Isophorone	82	6.742	6.747	-0.005	83	87765	0.4327	
66 2-Nitrophenol	139	6.822	6.822	0.0	76	10971	0.3618	
65 2,4-Dimethylphenol	107	6.828	6.828	0.0	90	42386	0.4977	
67 1,3,5-Trichlorobenzene	180	6.828	6.833	-0.005	64	33020	0.5307	
71 Benzoic acid	122		6.865					
70 Bis(2-chloroethoxy)methane	93	6.919	6.918	0.001	87	47277	0.4556	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	79	21517	0.4399	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	80	31931	0.5278	
75 Naphthalene	128	7.175	7.175	0.0	68	85728	0.4522	
76 4-Chloroaniline	127	7.202	7.202	0.0	78	33909	0.4523	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	71	17181	0.5208	
80 1,2,3-Trichlorobenzene	180	7.293	7.292	0.001	75	31708	0	
84 Caprolactam	113	7.480	7.479	0.001	68	7176	0.3597	
86 4-Chloro-3-methylphenol	107	7.586	7.592	-0.006	75	32042	0.4467	
87 2-Methylnaphthalene	142	7.763	7.762	0.001	73	51331	0.4319	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	78	57695	0.5017	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	70	28675	0.4846	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	64	14882	0.4365	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	77	16004	0.4359	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	71	18537	0.4588	
97 2,4-Toluene diamine	121	8.131	8.131	0.0	87	21489	0.6355	
99 1,2,3,4 -Tetrachlorobenzene	216	8.142	8.147	-0.005	83	30836	0	
98 1,1'-Biphenyl	154	8.153	8.152	0.001	84	67250	0.4390	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	91	58061	0.4966	
102 2-Nitroaniline	65	8.249	8.249	0.0	49	23252	0.4272	
105 Dimethyl phthalate	163	8.388	8.388	0.0	92	64582	0.4688	
107 2,6-Dinitrotoluene	165	8.441	8.446	-0.005	72	11264	0.3932	
108 1,2-Dinitrobenzene	168	8.495	8.494	0.001	66	6247	0.4435	
109 Acenaphthylene	152	8.532	8.537	-0.005	89	81803	0.4386	
110 3-Nitroaniline	138	8.591	8.591	0.001	73	13218	0.4289	
111 2,4-Dinitrophenol	184		8.676					
112 Acenaphthene	153	8.682	8.681	0.001	77	54532	0.4610	
113 4-Nitrophenol	109	8.698	8.697	0.001	61	9038	0.3985	
114 2,4-Dinitrotoluene	165	8.788	8.788	0.0	66	15069	0.3920	
116 Dibenzofuran	168	8.826	8.826	0.0	86	78985	0.4627	
118 2,3,5,6-Tetrachlorophenol	232		8.879					
121 Diethyl phthalate	149	8.975	8.980	-0.005	89	61444	0.4506	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	84	34272	0.4674	
125 4-Nitroaniline	138	9.109	9.109	0.0	65	11792	0.3633	
126 Fluorene	166	9.114	9.114	0.0	72	65725	0.4549	
128 4,6-Dinitro-2-methylphenol	198		9.130					9
131 N-Nitrosodiphenylamine	169	9.194	9.194	0.0	87	48999	0.4562	
133 Azobenzene	77	9.232	9.237	-0.005	92	114275	0.4370	
132 1,2-Diphenylhydrazine	77	9.232	9.237	-0.005	98	114275	0.4370	
139 4-Bromophenyl phenyl ether	248	9.520	9.520	0.0	66	17853	0.4554	
141 Hexachlorobenzene	284	9.584	9.584	0.0	70	20402	0.5158	
142 Atrazine	200	9.622	9.622	0.0	60	15010	0.4390	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.739	9.739	0.0	61	16525	1.01	
148 Phenanthrene	178	9.937	9.937	0.0	71	99497	0.4284	
149 Anthracene	178	9.980	9.979	0.001	80	98547	0.4236	
151 Carbazole	167	10.103	10.102	0.001	56	92268	0.4428	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	97	98705	0.3856	
159 Fluoranthene	202	10.957	10.957	0.0	79	118828	0.4482	
160 Benzidine	184	11.053	11.053	0.0	72	36712	0.7938	M
161 Pyrene	202	11.176	11.176	0.0	77	118483	0.4425	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	65	39327	0.3680	
172 3,3'-Dimethoxybenzidine	244		12.415					
174 4,4'-Methylene bis(2-chloroanili	231	12.458	12.464	-0.006	61	16346	0.3785	
175 3,3'-Dichlorobenzidine	252	12.464	12.464	0.0	52	30506	0.5695	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	89	67372	0.4237	
177 Benzo[a]anthracene	228	12.523	12.522	0.001	85	106544	0.4421	
178 Chrysene	228	12.571	12.576	-0.005	78	99002	0.4480	
180 Di-n-octyl phthalate	149	13.420	13.425	-0.005	89	79031	0.3906	
182 Benzo[b]fluoranthene	252	14.077	14.077	0.0	80	83398	0.3999	
183 Benzo[k]fluoranthene	252	14.114	14.120	-0.006	81	97055	0.4525	
184 Benzo[a]pyrene	252	14.595	14.595	0.0	55	83098	0.4221	
188 Indeno[1,2,3-cd]pyrene	276	16.390	16.401	-0.011	84	93370	0.4317	
189 Dibenz(a,h)anthracene	278	16.422	16.427	-0.005	18	76682	0.4320	
190 Benzo[g,h,i]perylene	276	16.871	16.881	-0.010	80	82030	0.4516	
S 191 Methyl Phenols,Total	100				0		0.8676	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

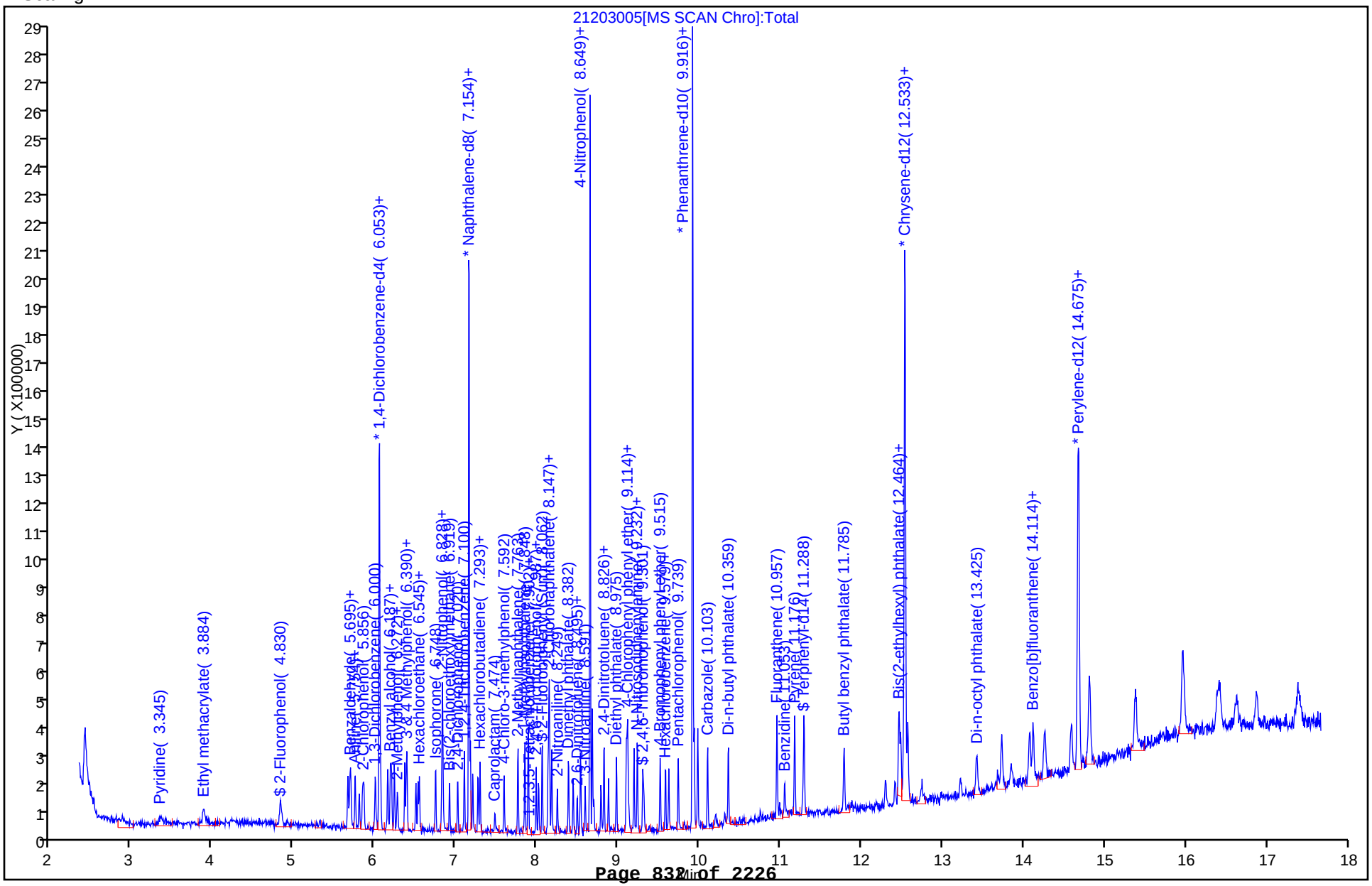
Report Date: 04-Dec-2012 08:01:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D

Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 04-Dec-2012 08:01:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

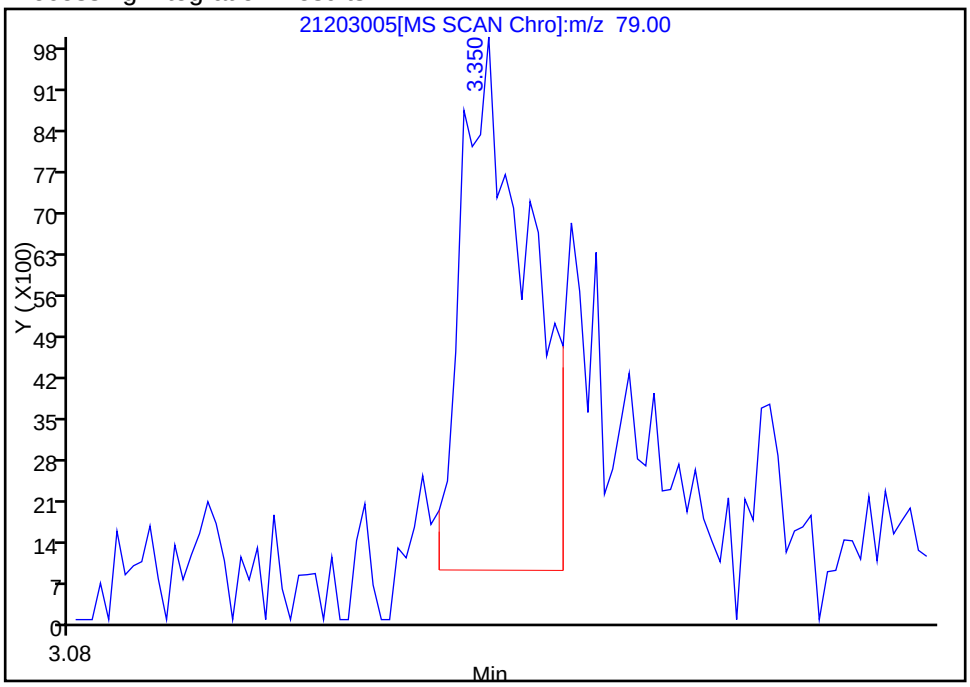
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.32

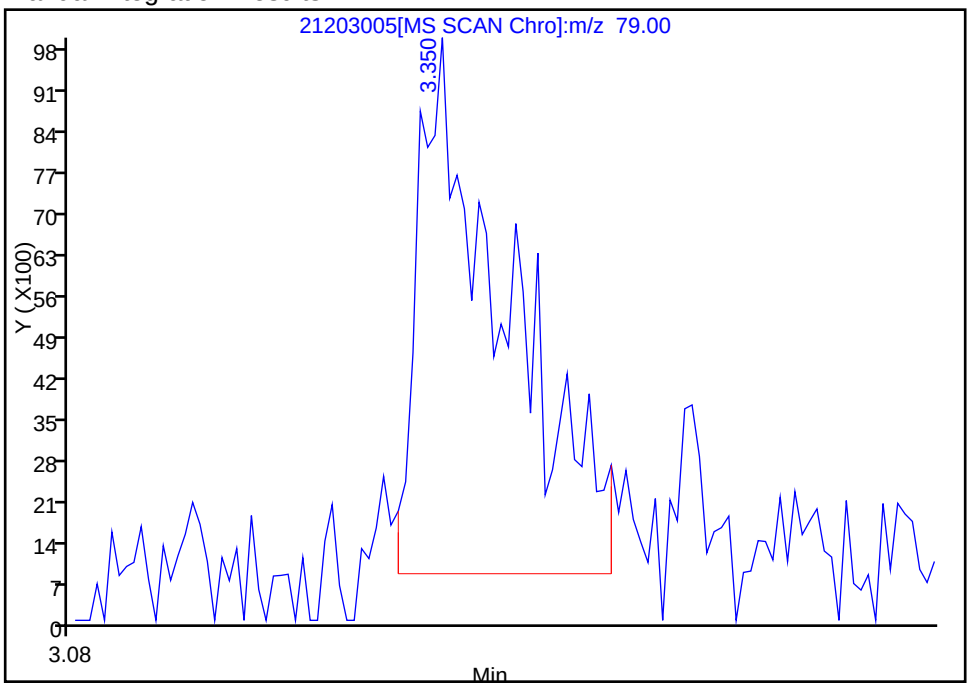
Processing Integration Results

RT: 3.35
Response: 27296
Amount: 0.353662



Manual Integration Results

RT: 3.35
Response: 40196
Amount: 0.463342



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

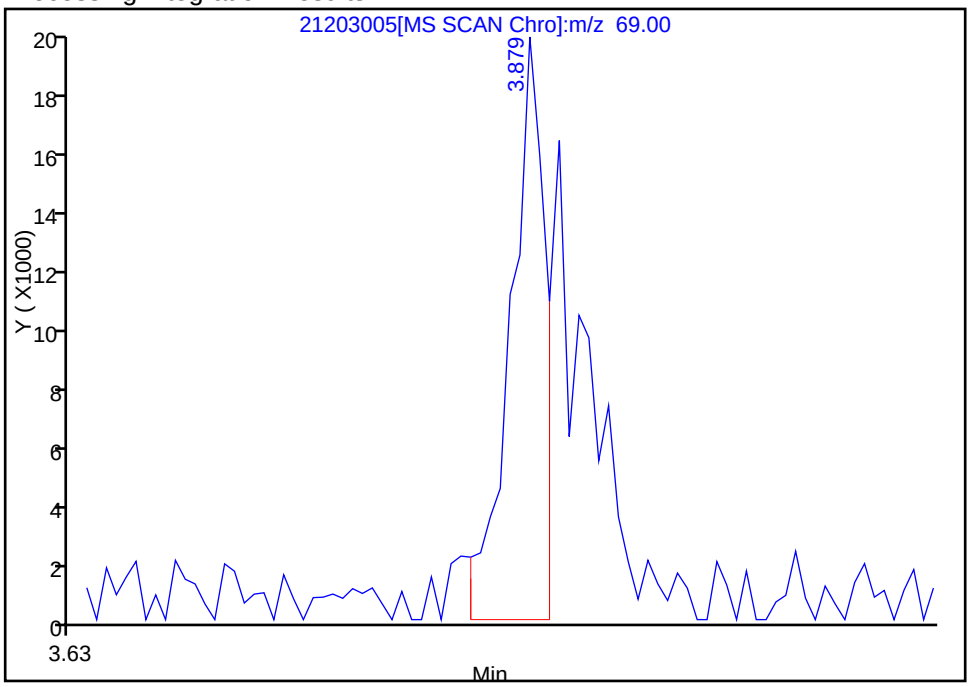
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.88

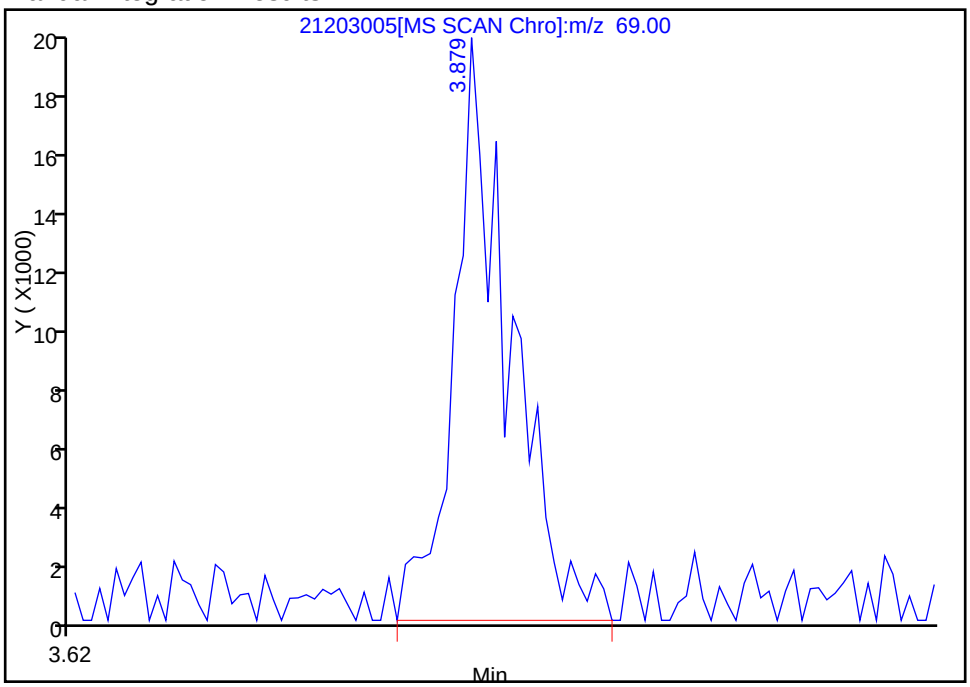
Processing Integration Results

RT: 3.88
Response: 25504
Amount: 0.344922



Manual Integration Results

RT: 3.88
Response: 47787
Amount: 0.567921



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

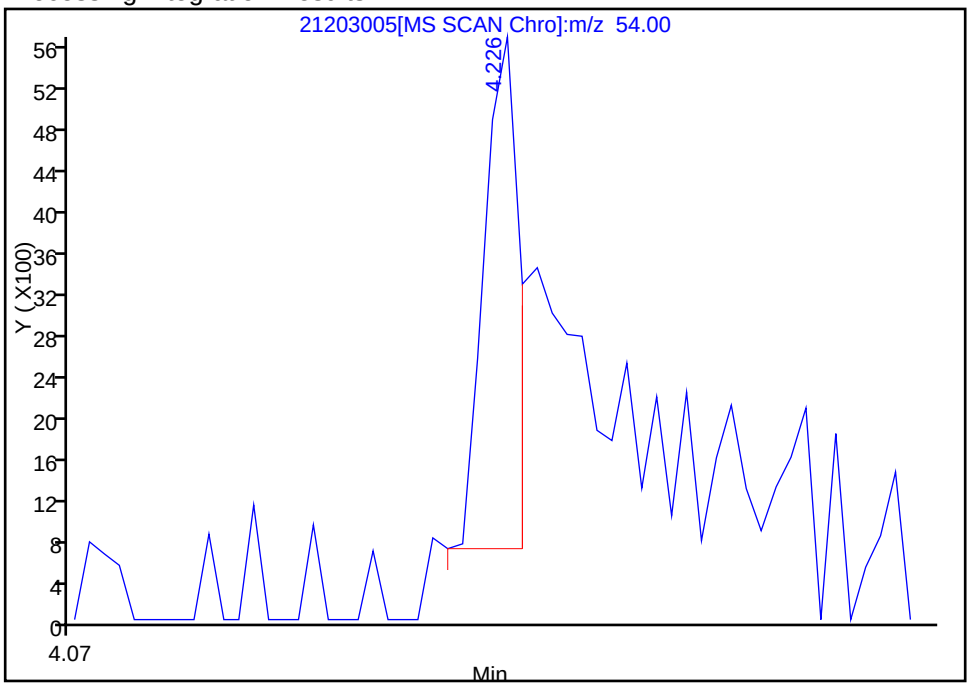
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.22

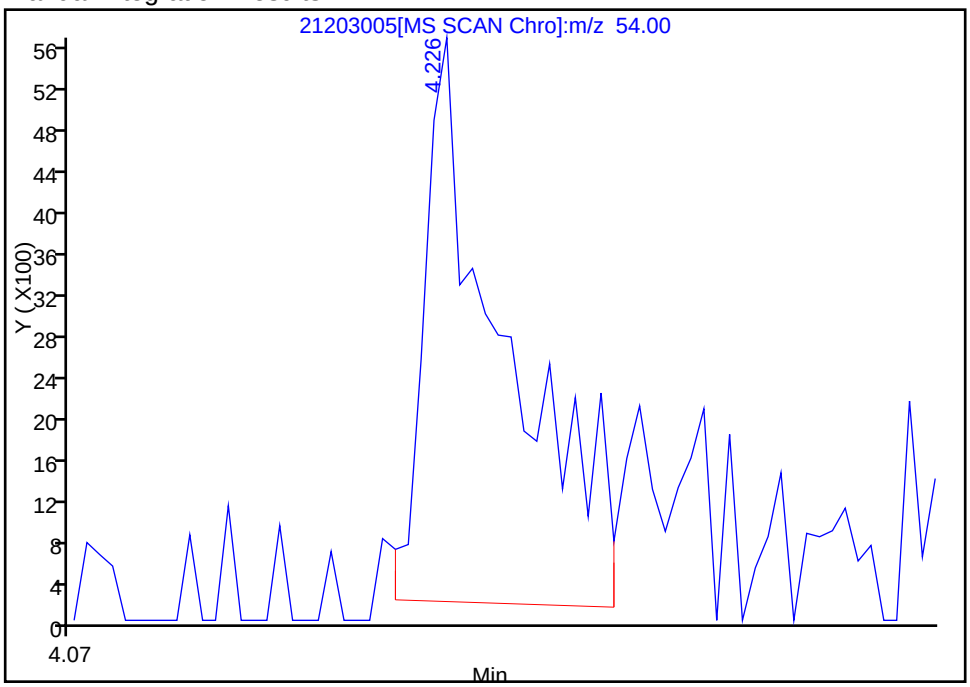
Processing Integration Results

RT: 4.23
Response: 4334
Amount: 0.180017



Manual Integration Results

RT: 4.23
Response: 12811
Amount: 0.416639



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

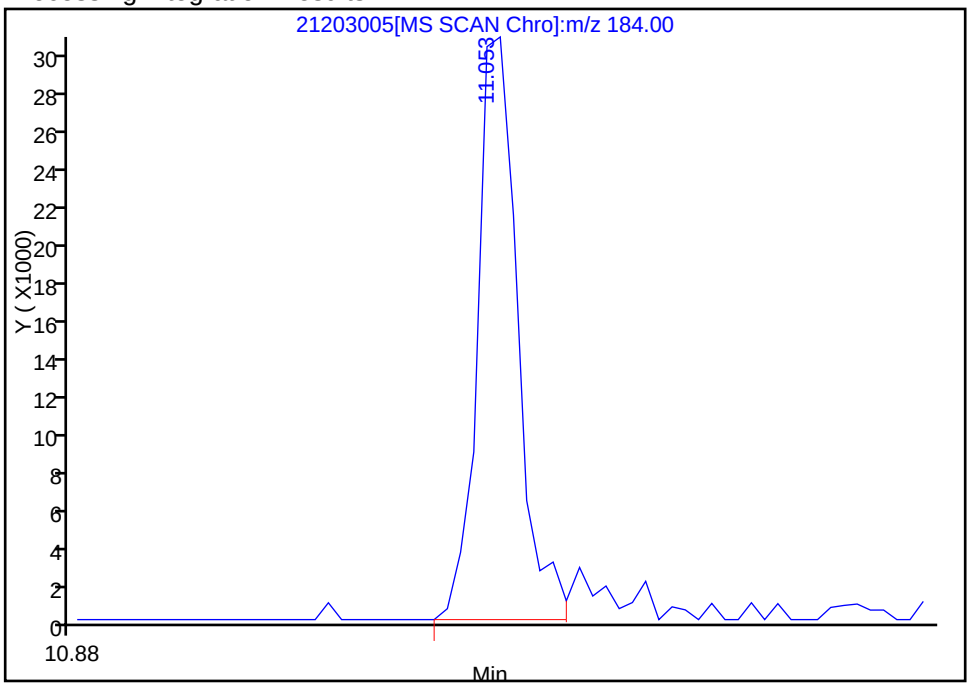
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Signal: 1, m/z: 184.0 Type: quant, RT: 11.05

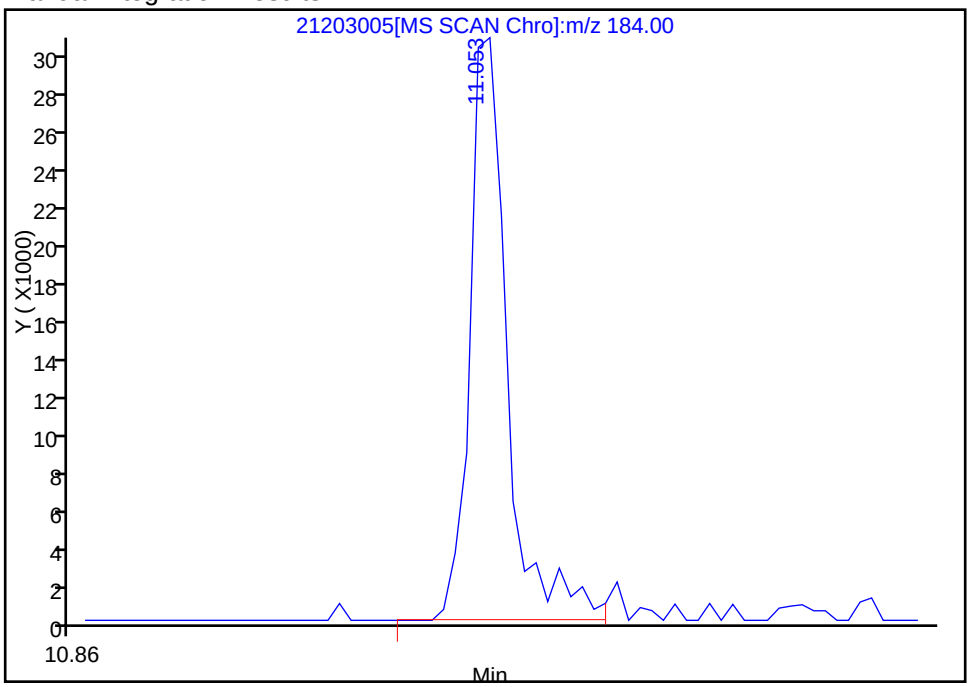
Processing Integration Results

RT: 11.05
Response: 34605
Amount: 0.370791



Manual Integration Results

RT: 11.05
Response: 36712
Amount: 0.793822



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	03-Dec-2012 13:13:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015467-006		
Misc. Info.:	STD1 TCL =STD1 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67070	Lims Sample ID:	6
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:23	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 14:05:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.053	-0.003	85	173443	4.00	
* 2 Naphthalene-d8	136	7.156	7.159	-0.003	97	739246	4.00	
* 3 Acenaphthene-d10	164	8.652	8.649	0.003	69	445835	4.00	
* 4 Phenanthrene-d10	188	9.918	9.915	0.003	77	796052	4.00	
* 5 Chrysene-d12	240	12.535	12.538	-0.003	75	770961	4.00	
* 6 Perylene-d12	264	14.672	14.681	-0.009	78	626739	4.00	
$ 9 Nitrobenzene-d5	82	6.525	6.528	-0.003	69	11443	0.1011	
$ 10 2-Fluorobiphenyl (Surr)	172	8.059	8.062	-0.003	65	16320	0.1102	
$ 12 Terphenyl-d14	244	11.291	11.294	-0.003	43	15154	0.0959	
41 Benzaldehyde	77	5.660	5.663	-0.003	72	9926	0.2199	
75 Naphthalene	128	7.177	7.175	0.002	37	21523	0.1060	
87 2-Methylnaphthalene	142	7.765	7.762	0.003	70	12424	0.0976	
88 1-Methylnaphthalene	142	7.845	7.848	-0.003	66	11067	0.0899	
98 1,1'-Biphenyl	154	8.149	8.152	-0.003	77	14581	0.0905	
100 2-Chloronaphthalene	162	8.182	8.179	0.003	61	11060	0.0900	
109 Acenaphthylene	152	8.534	8.537	-0.003	76	17578	0.0896	
112 Acenaphthene	153	8.678	8.681	-0.003	60	13551	0.1090	
116 Dibenzofuran	168	8.823	8.826	-0.003	73	15805	0.0881	
126 Fluorene	166	9.111	9.114	-0.003	72	15072	0.0992	
141 Hexachlorobenzene	284	9.581	9.584	-0.003	31	4286	0.1058	
148 Phenanthrene	178	9.934	9.937	-0.003	10	26003	0.1093	
149 Anthracene	178	9.982	9.979	0.003	65	22416	0.0941	
159 Fluoranthene	202	10.959	10.957	0.002	50	25424	0.0937	
161 Pyrene	202	11.178	11.176	0.002	86	22462	0.0842	
177 Benzo[a]anthracene	228	12.525	12.522	0.003	31	22947	0.0956	
178 Chrysene	228	12.573	12.576	-0.003	50	21697	0.0986	
182 Benzo[b]fluoranthene	252	14.074	14.077	-0.003	79	21113	0.0972	M
183 Benzo[k]fluoranthene	252	14.117	14.120	-0.003	51	18336	0.0821	
184 Benzo[a]pyrene	252	14.592	14.595	-0.003	51	19232	0.0938	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	16.387	16.401	-0.014	62	19959	0.0886	M
189 Dibenz(a,h)anthracene	278	16.435	16.427	0.008	0	14445	0.0781	M
190 Benzo[g,h,i]perylene	276	16.873	16.881	-0.008	0	18782	0.0993	M

QC Flag Legend

Review Flags
M - Manually Integrated

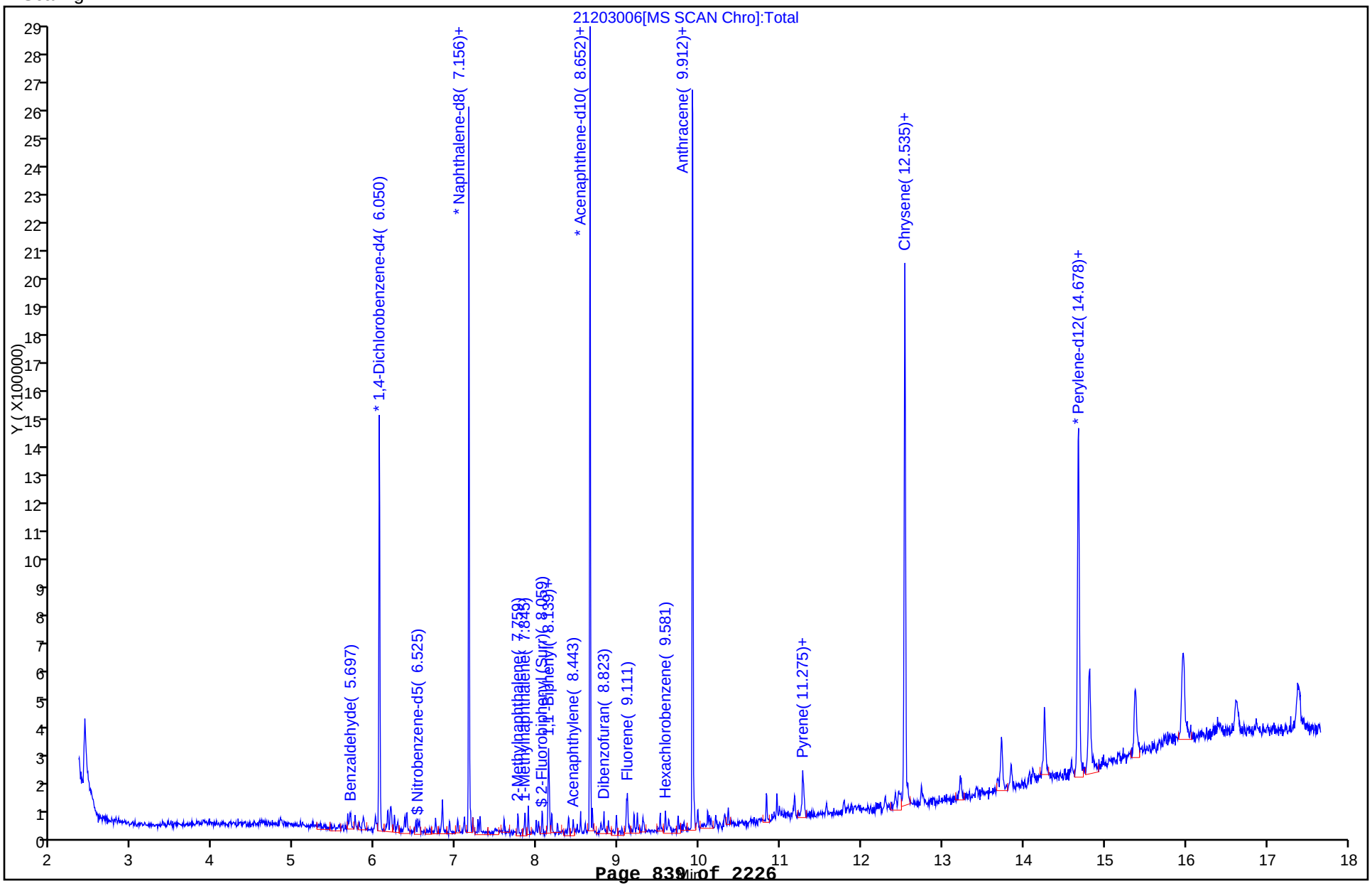
Report Date: 04-Dec-2012 08:01:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D

Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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

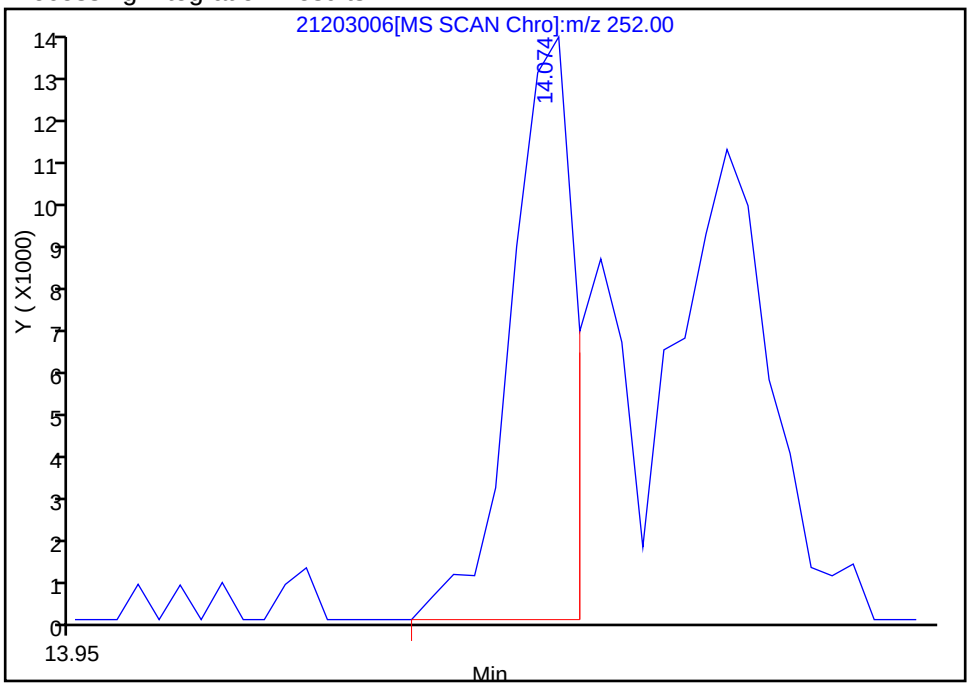
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.08

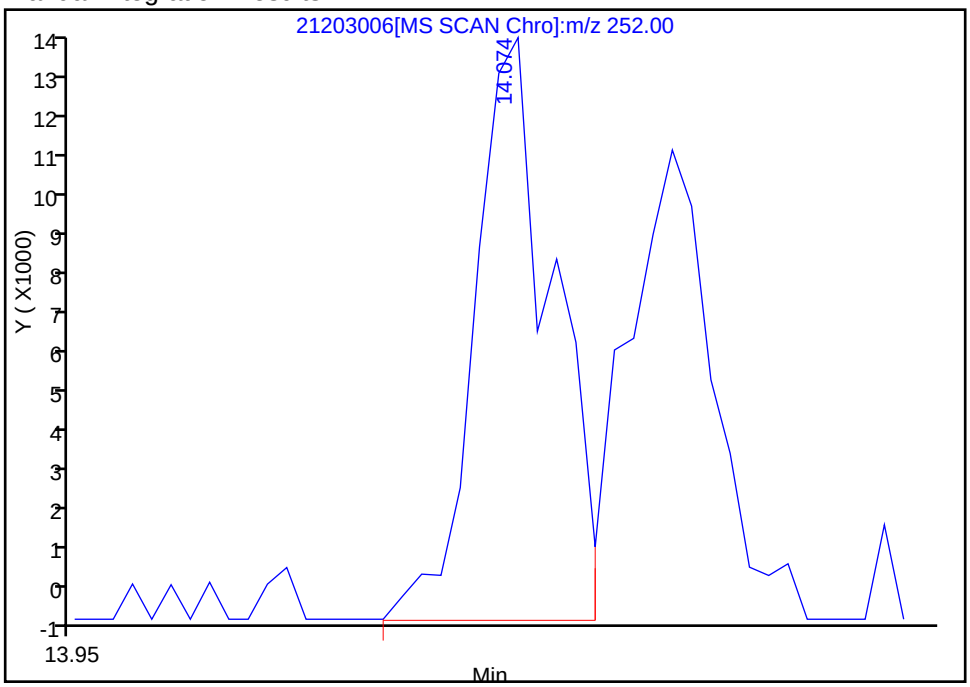
Processing Integration Results

RT: 14.07
Response: 15577
Amount: 0.081529



Manual Integration Results

RT: 14.07
Response: 21113
Amount: 0.097181



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

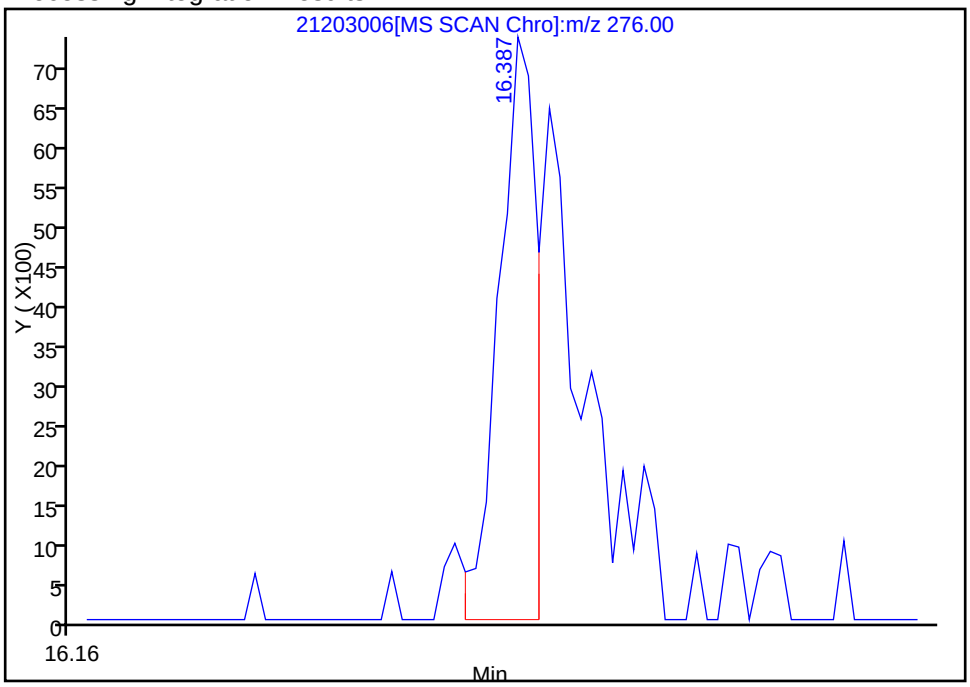
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

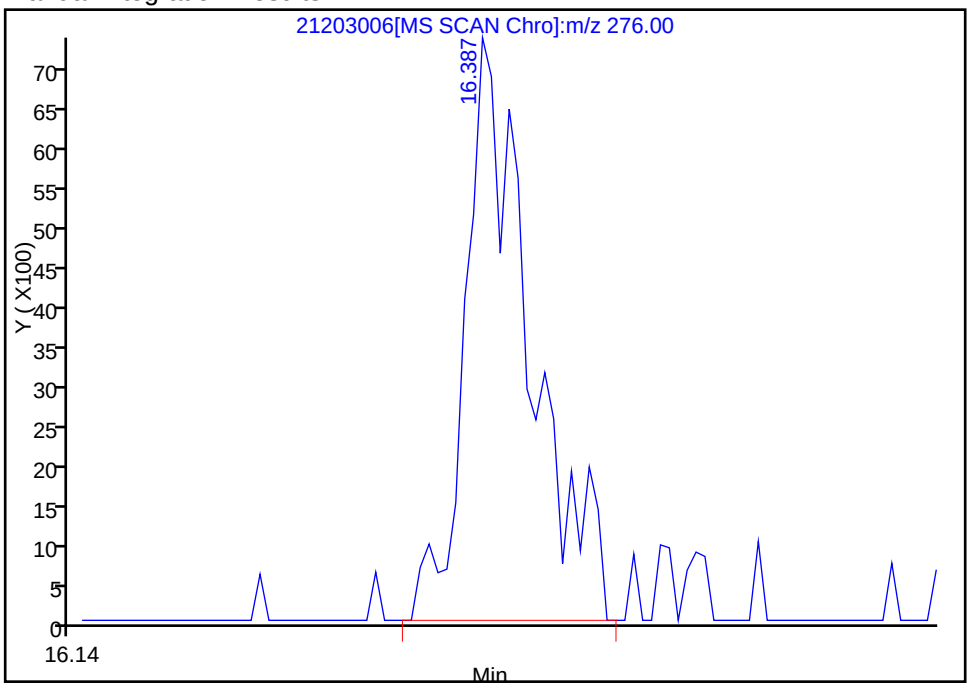
Processing Integration Results

RT: 16.39
Response: 9846
Amount: 0.103675



Manual Integration Results

RT: 16.39
Response: 19959
Amount: 0.088592



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

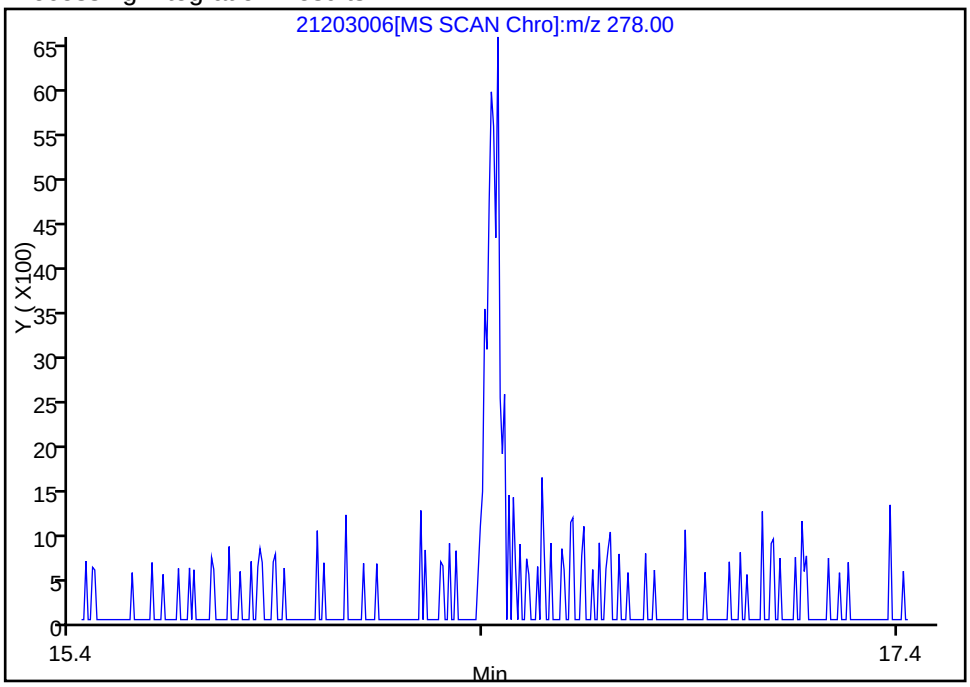
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
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: 16.43

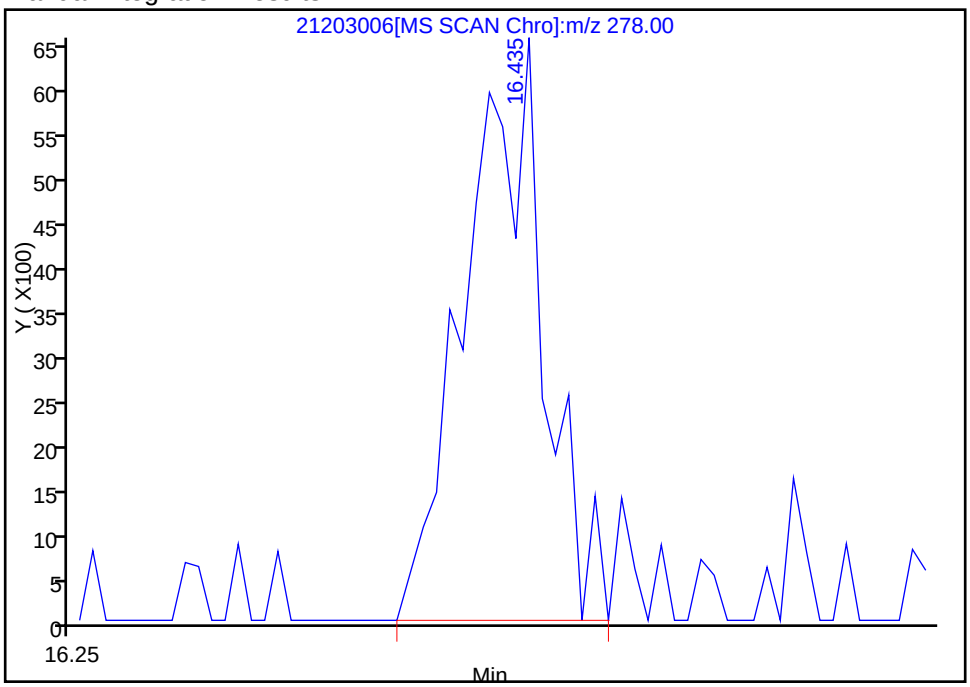
Processing Integration Results

Not Detected
Expected RT: 16.43



Manual Integration Results

RT: 16.44
Response: 14445
Amount: 0.078126



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 04-Dec-2012 08:01:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

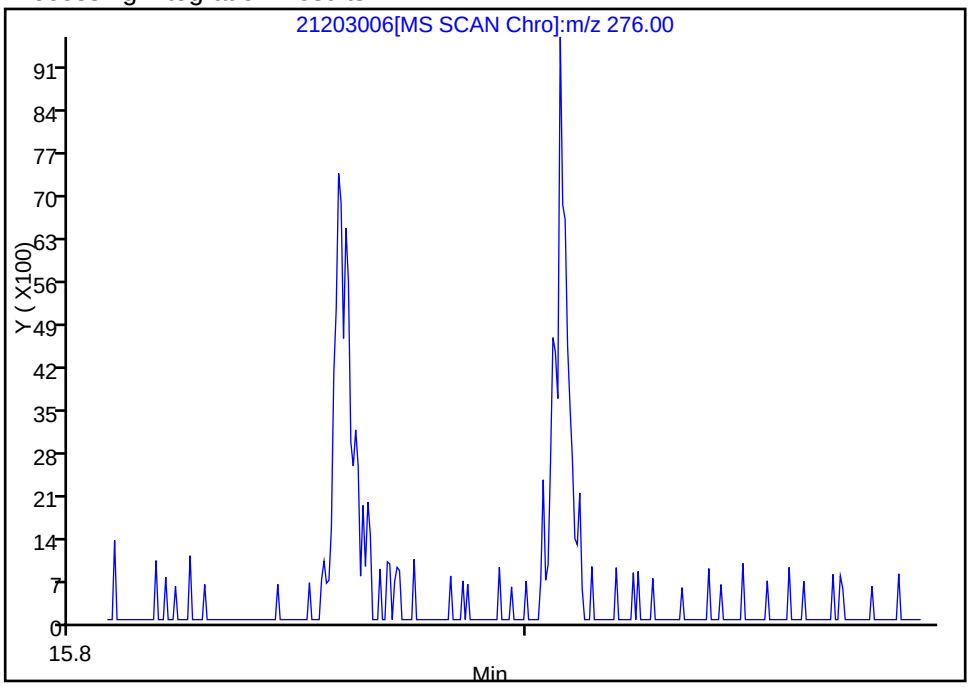
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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: 16.88

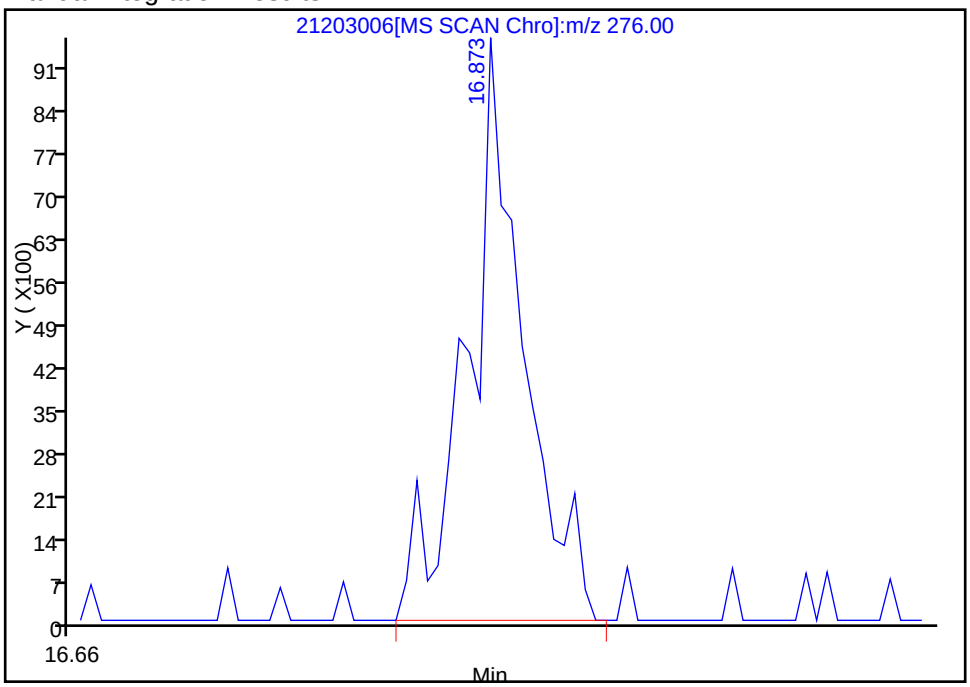
Processing Integration Results

Not Detected
Expected RT: 16.88



Manual Integration Results

RT: 16.87
Response: 18782
Amount: 0.099262



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203007.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	03-Dec-2012 13:39:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0015467-007		
Misc. Info.:	7TD9 TCL =7TD9 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67070	Lims Sample ID:	7
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:25	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 14:28:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	88	180007	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	99	758239	4.00	
* 3 Acenaphthene-d10	164	8.655	8.649	0.006	67	479475	4.00	
* 4 Phenanthrene-d10	188	9.915	9.915	0.0	75	845700	4.00	
* 5 Chrysene-d12	240	12.544	12.538	0.006	72	867822	4.00	
* 6 Perylene-d12	264	14.680	14.681	-0.001	88	682052	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	94	1820074	25.7	
$ 8 Phenol-d5	99	5.690	5.684	0.006	0	2850089	27.9	
$ 9 Nitrobenzene-d5	82	6.534	6.528	0.006	79	3203482	27.6	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	98	4483556	28.2	
$ 11 2,4,6-Tribromophenol	330	9.322	9.317	0.005	80	517056	27.8	
$ 12 Terphenyl-d14	244	11.294	11.294	0.0	96	4830900	27.2	
25 1,4-Dioxane	88	2.805	2.805	0.0	78	814861	23.3	
26 N-Nitrosodimethylamine	74	3.270	3.275	-0.005	78	1319174	28.7	
27 Pyridine	79	3.323	3.318	0.005	79	2481993	26.5	
28 Ethyl methacrylate	69	3.879	3.879	0.0	77	2284815	25.1	
29 3-Chloropropionitrile	54	4.221	4.215	0.006	82	932926	28.1	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	80	1383979	24.6	
43 Phenol	94	5.700	5.700	0.0	90	3175311	27.4	
44 Aniline	93	5.754	5.754	0.0	83	4030025	27.8	
69 Bis(2-chloroethyl)ether	93	5.807	5.802	0.005	90	2412317	27.0	
46 2-Chlorophenol	128	5.861	5.861	0.0	89	1718090	26.1	
47 1,3-Dichlorobenzene	146	6.005	6.005	0.0	81	1851413	26.2	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	79	1830542	25.6	
49 Benzyl alcohol	108	6.160	6.154	0.006	78	1457061	26.9	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	77	1785368	26.0	
51 2-Methylphenol	108	6.240	6.240	0.0	93	2123570	27.5	
53 2,2'-oxybis[1-chloropropane]	45	6.277	6.272	0.005	95	2411441	26.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.368	6.363	0.005	92	2317991	28.2	
57 N-Nitrosodi-n-propylamine	70	6.389	6.384	0.005	66	2176245	26.8	
58 Acetophenone	105	6.395	6.395	0.0	83	3320829	27.8	
61 Hexachloroethane	117	6.502	6.502	0.0	91	849335	25.4	
62 Nitrobenzene	77	6.550	6.544	0.006	68	3400714	27.8	
64 Isophorone	82	6.747	6.747	0.0	92	6515388	29.2	
66 2-Nitrophenol	139	6.822	6.822	0.0	84	904635	27.2	
65 2,4-Dimethylphenol	107	6.833	6.828	0.005	96	2490665	26.6	
67 1,3,5-Trichlorobenzene	180	6.833	6.833	0.0	72	1779271	26.0	
71 Benzoic acid	122	6.918	6.865	0.053	74	2343332	49.4	
70 Bis(2-chloroethoxy)methane	93	6.918	6.918	0.0	94	3160983	27.7	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	90	1440479	26.8	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	80	1726814	26.0	
75 Naphthalene	128	7.175	7.175	0.0	81	6046456	29.0	
76 4-Chloroaniline	127	7.207	7.202	0.005	79	2273909	27.6	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	87	914699	25.2	
80 1,2,3-Trichlorobenzene	180	7.298	7.292	0.006	80	1587870	0	
84 Caprolactam	113	7.506	7.479	0.027	82	526136	24.0	
86 4-Chloro-3-methylphenol	107	7.597	7.592	0.005	79	2120588	26.9	
87 2-Methylnaphthalene	142	7.762	7.762	0.0	87	3756335	28.8	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	80	3548102	28.1	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	84	1753570	26.2	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	66	1091455	28.3	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	86	1121634	27.0	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	88	1187181	26.0	
97 2,4-Toluene diamine	121	8.136	8.131	0.005	96	868145	23.4	
99 1,2,3,4 -Tetrachlorobenzene	216	8.147	8.147	0.0	80	1698082	0	
98 1,1'-Biphenyl	154	8.152	8.152	0.0	92	5070224	29.3	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	90	3677090	27.8	
102 2-Nitroaniline	65	8.249	8.249	0.0	71	1675117	27.2	
105 Dimethyl phthalate	163	8.393	8.388	0.005	95	4334729	27.8	
107 2,6-Dinitrotoluene	165	8.446	8.446	0.0	74	886451	27.4	
108 1,2-Dinitrobenzene	168	8.500	8.494	0.006	80	432595	27.2	
109 Acenaphthylene	152	8.537	8.537	0.0	90	5999467	28.5	
110 3-Nitroaniline	138	8.596	8.591	0.006	80	938131	26.9	
111 2,4-Dinitrophenol	184	8.681	8.676	0.005	67	1280687	49.7	
112 Acenaphthene	153	8.681	8.681	0.0	84	3730862	27.9	
113 4-Nitrophenol	109	8.708	8.697	0.011	82	718684	28.0	
114 2,4-Dinitrotoluene	165	8.793	8.788	0.005	81	1212832	27.9	
116 Dibenzofuran	168	8.826	8.826	0.0	86	5507295	28.5	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.879	0.0	81	1006180	26.5	
121 Diethyl phthalate	149	8.980	8.980	0.0	94	4367958	28.3	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	87	2230197	26.9	
125 4-Nitroaniline	138	9.119	9.109	0.010	51	1017942	27.7	
126 Fluorene	166	9.119	9.114	0.005	61	4641978	28.4	
128 4,6-Dinitro-2-methylphenol	198	9.135	9.130	0.005	76	827960	24.7	
131 N-Nitrosodiphenylamine	169	9.194	9.194	0.0	94	3276797	28.0	
133 Azobenzene	77	9.232	9.237	-0.005	95	7321874	25.7	
132 1,2-Diphenylhydrazine	77	9.232	9.237	-0.005	99	7323233	25.7	
139 4-Bromophenyl phenyl ether	248	9.520	9.520	0.0	65	1108836	26.0	
141 Hexachlorobenzene	284	9.584	9.584	0.0	78	1106388	25.7	
142 Atrazine	200	9.627	9.622	0.005	81	897962	24.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.744	9.739	0.005	81	1735964	49.8	
148 Phenanthrene	178	9.937	9.937	0.0	81	7024206	27.8	
149 Anthracene	178	9.985	9.979	0.006	83	7118724	28.1	
151 Carbazole	167	10.102	10.102	0.0	79	6412920	28.3	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	100	7669176	27.5	
159 Fluoranthene	202	10.957	10.957	0.0	77	7871392	27.3	
160 Benzidine	184	11.053	11.053	0.0	86	4495620	24.4	
161 Pyrene	202	11.176	11.176	0.0	73	8173377	27.2	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	83	3335278	27.8	
172 3,3'-Dimethoxybenzidine	244	12.421	12.415	0.006	79	1908849	24.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.469	12.464	0.005	70	1315934	27.2	
175 3,3'-Dichlorobenzidine	252	12.469	12.464	0.005	66	2668942	24.7	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	95	4903668	27.5	
177 Benzo[a]anthracene	228	12.528	12.522	0.006	78	7594858	28.1	
178 Chrysene	228	12.581	12.576	0.005	83	6936430	28.0	
180 Di-n-octyl phthalate	149	13.425	13.425	0.0	98	8736814	24.8	
182 Benzo[b]fluoranthene	252	14.088	14.077	0.011	82	6902291	29.2	
183 Benzo[k]fluoranthene	252	14.130	14.120	0.010	81	6949795	28.6	
184 Benzo[a]pyrene	252	14.600	14.595	0.005	75	6529426	29.3	
188 Indeno[1,2,3-cd]pyrene	276	16.417	16.401	0.016	75	6892480	28.1	
189 Dibenz(a,h)anthracene	278	16.443	16.427	0.016	71	5894670	29.3	
190 Benzo[g,h,i]perylene	276	16.903	16.881	0.022	79	5719307	27.8	
S 191 Methyl Phenols,Total	100				0		55.7	

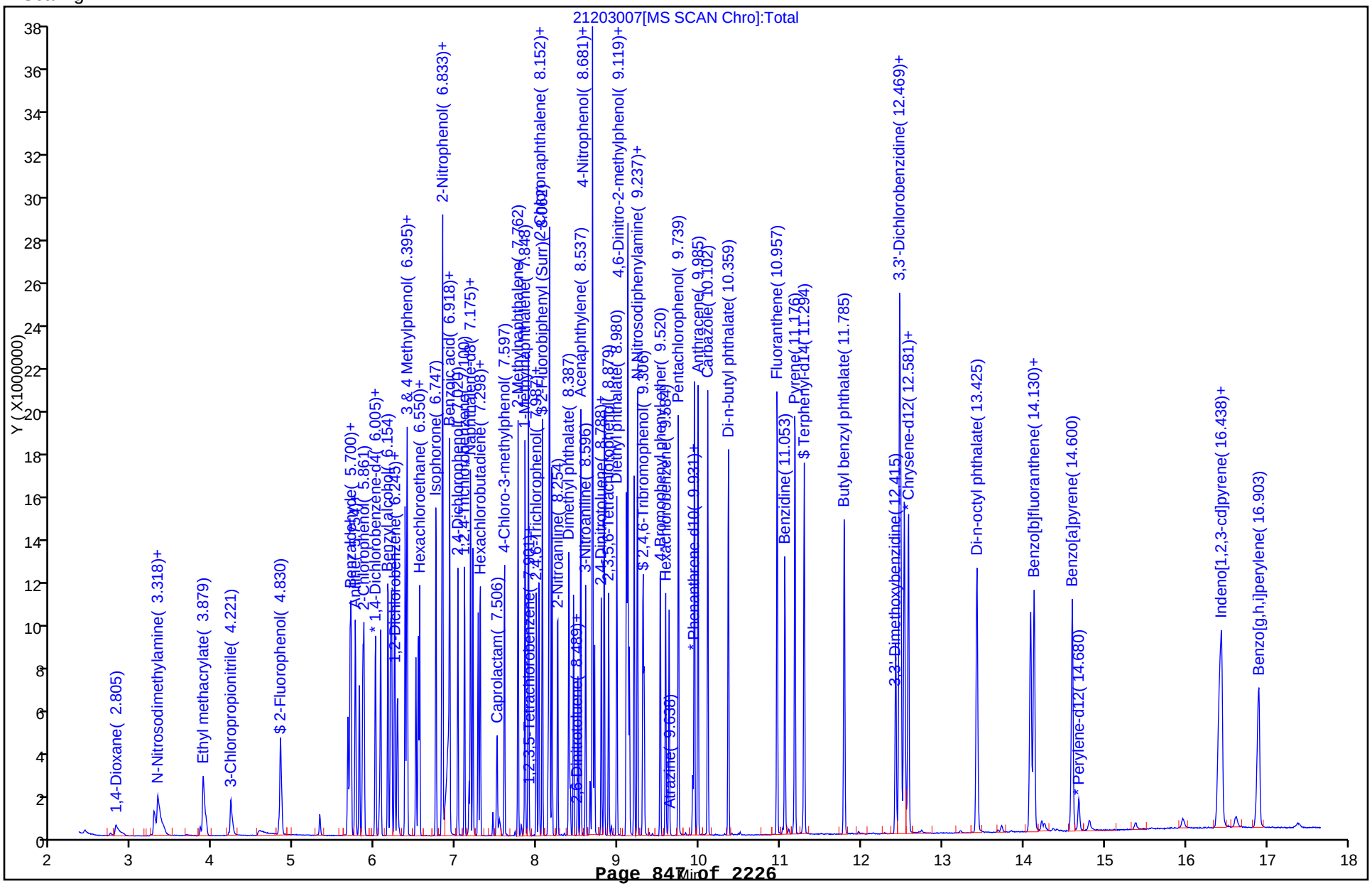
Report Date: 04-Dec-2012 08:01:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203007.D

Injection Date:	03-Dec-2012 13:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	7
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\20121203-15467.b\21203008.D
Lims ID: std8 tcl
Client ID:
Inject. Date: 03-Dec-2012 14:04:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 8
Sample ID: 240-0015467-008
Misc. Info.: STD8 TCL =STD8 TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 8
Lims Batch ID: 67070
Lims Sample ID: 8
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:01:27
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm
Date: 03-Dec-2012 14:44:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.053	-0.003	87	207175	4.00	
* 2 Naphthalene-d8	136	7.156	7.159	-0.003	98	835412	4.00	
* 3 Acenaphthene-d10	164	8.652	8.649	0.003	63	523293	4.00	
* 4 Phenanthrene-d10	188	9.918	9.915	0.003	77	921971	4.00	
* 5 Chrysene-d12	240	12.541	12.538	0.003	77	904798	4.00	
* 6 Perylene-d12	264	14.678	14.681	-0.003	73	743370	4.00	
$ 7 2-Fluorophenol	112	4.832	4.830	0.002	93	1626131	19.9	
$ 8 Phenol-d5	99	5.687	5.684	0.003	0	2467806	21.0	
$ 9 Nitrobenzene-d5	82	6.531	6.528	0.003	81	2776873	21.7	
$ 10 2-Fluorobiphenyl (Surr)	172	8.064	8.062	0.002	94	3868871	22.3	
$ 11 2,4,6-Tribromophenol	330	9.320	9.317	0.003	80	451821	22.3	
$ 12 Terphenyl-d14	244	11.291	11.294	-0.003	95	4262459	23.0	
25 1,4-Dioxane	88	2.802	2.805	-0.003	76	773230	19.2	
26 N-Nitrosodimethylamine	74	3.272	3.275	-0.003	76	1174085	22.2	
27 Pyridine	79	3.320	3.318	0.002	93	2201171	20.4	
28 Ethyl methacrylate	69	3.876	3.879	-0.003	78	2039665	19.5	
29 3-Chloropropionitrile	54	4.218	4.215	0.003	83	830175	21.7	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.666	5.663	0.003	82	1470328	19.5	
43 Phenol	94	5.703	5.700	0.003	89	2812510	21.1	
44 Aniline	93	5.756	5.754	0.002	84	3559561	21.4	
69 Bis(2-chloroethyl)ether	93	5.805	5.802	0.003	92	2120375	20.6	
46 2-Chlorophenol	128	5.863	5.861	0.002	90	1532373	20.3	
47 1,3-Dichlorobenzene	146	6.002	6.005	-0.003	80	1606884	19.8	
48 1,4-Dichlorobenzene	146	6.066	6.069	-0.003	78	1645098	20.0	
49 Benzyl alcohol	108	6.157	6.154	0.003	83	1288428	20.7	
50 1,2-Dichlorobenzene	146	6.200	6.203	-0.003	76	1550612	19.6	
51 2-Methylphenol	108	6.237	6.240	-0.003	94	1870907	21.0	
53 2,2'-oxybis[1-chloropropane]	45	6.275	6.272	0.003	95	2157927	20.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.371	6.363	0.008	91	2035411	21.5	
57 N-Nitrosodi-n-propylamine	70	6.387	6.384	0.003	68	1986355	21.3	
58 Acetophenone	105	6.398	6.395	0.003	79	2935142	21.4	
61 Hexachloroethane	117	6.504	6.502	0.002	91	738370	19.2	
62 Nitrobenzene	77	6.547	6.544	0.003	70	3019500	22.4	
64 Isophorone	82	6.750	6.747	0.003	92	5823443	23.7	
66 2-Nitrophenol	139	6.820	6.822	-0.002	85	830238	22.6	
65 2,4-Dimethylphenol	107	6.830	6.828	0.002	96	2169180	21.0	
67 1,3,5-Trichlorobenzene	180	6.830	6.833	-0.003	69	1527622	20.3	
71 Benzoic acid	122	6.910	6.865	0.045	74	2085887	41.2	
70 Bis(2-chloroethoxy)methane	93	6.921	6.918	0.003	96	2822638	22.5	
73 2,4-Dichlorophenol	162	7.023	7.020	0.003	92	1262491	21.3	
74 1,2,4-Trichlorobenzene	180	7.103	7.100	0.003	77	1533437	20.9	
75 Naphthalene	128	7.177	7.175	0.002	81	5210836	22.7	
76 4-Chloroaniline	127	7.204	7.202	0.002	80	1992191	22.0	
79 Hexachlorobutadiene	225	7.268	7.271	-0.003	84	812875	20.4	
80 1,2,3-Trichlorobenzene	180	7.295	7.292	0.003	81	1440974	0	
84 Caprolactam	113	7.503	7.479	0.024	84	477229	19.8	
86 4-Chloro-3-methylphenol	107	7.594	7.592	0.002	78	1913655	22.0	
87 2-Methylnaphthalene	142	7.765	7.762	0.003	87	3241037	22.5	
88 1-Methylnaphthalene	142	7.851	7.848	0.003	81	3120059	22.4	
90 1,2,3,5-Tetrachlorobenzene	216	7.888	7.891	-0.003	80	1542651	21.1	
89 Hexachlorocyclopentadiene	237	7.893	7.891	0.002	67	939731	22.3	
92 2,4,6-Trichlorophenol	196	7.989	7.987	0.002	82	979326	21.6	
93 2,4,5-Trichlorophenol	196	8.022	8.019	0.003	88	1051056	21.1	
97 2,4-Toluene diamine	121	8.134	8.131	0.003	95	772583	18.9	
99 1,2,3,4 -Tetrachlorobenzene	216	8.144	8.147	-0.003	86	1482687	0	
98 1,1'-Biphenyl	154	8.150	8.152	-0.002	93	4314416	22.8	
100 2-Chloronaphthalene	162	8.182	8.179	0.003	92	3208551	22.2	
102 2-Nitroaniline	65	8.251	8.249	0.002	72	1495778	22.3	
105 Dimethyl phthalate	163	8.390	8.388	0.002	93	3836513	22.6	
107 2,6-Dinitrotoluene	165	8.449	8.446	0.003	77	802029	22.7	
108 1,2-Dinitrobenzene	168	8.502	8.494	0.008	75	385567	22.2	
109 Acenaphthylene	152	8.534	8.537	-0.003	86	5487335	23.8	
110 3-Nitroaniline	138	8.598	8.591	0.008	82	859948	22.6	
111 2,4-Dinitrophenol	184	8.684	8.676	0.008	70	1107986	40.6	
112 Acenaphthene	153	8.679	8.681	-0.002	85	3242918	22.2	
113 4-Nitrophenol	109	8.705	8.697	0.008	81	623747	22.3	
114 2,4-Dinitrotoluene	165	8.791	8.788	0.003	78	1083426	22.8	
116 Dibenzofuran	168	8.828	8.826	0.002	87	4828262	22.9	
118 2,3,5,6-Tetrachlorophenol	232	8.882	8.879	0.003	83	898499	21.7	
121 Diethyl phthalate	149	8.983	8.980	0.003	95	3814881	22.7	
123 4-Chlorophenyl phenyl ether	204	9.101	9.098	0.003	88	1950379	21.6	
125 4-Nitroaniline	138	9.117	9.109	0.008	50	898608	22.4	
126 Fluorene	166	9.117	9.114	0.003	70	4053228	22.7	
128 4,6-Dinitro-2-methylphenol	198	9.138	9.130	0.008	72	747522	20.7	
131 N-Nitrosodiphenylamine	169	9.197	9.194	0.003	94	2816710	22.1	
133 Azobenzene	77	9.234	9.237	-0.003	92	7088823	22.9	
132 1,2-Diphenylhydrazine	77	9.234	9.237	-0.003	100	7089323	22.9	
139 4-Bromophenyl phenyl ether	248	9.517	9.520	-0.003	68	998199	21.5	
141 Hexachlorobenzene	284	9.587	9.584	0.003	80	991457	21.1	
142 Atrazine	200	9.630	9.622	0.008	82	826393	20.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.742	9.739	0.003	75	1507520	40.5	
148 Phenanthrene	178	9.939	9.937	0.002	81	6067655	22.0	
149 Anthracene	178	9.982	9.979	0.003	82	6269234	22.7	
151 Carbazole	167	10.105	10.102	0.003	61	5791299	23.4	
154 Di-n-butyl phthalate	149	10.356	10.359	-0.003	100	7282586	24.0	
159 Fluoranthene	202	10.960	10.957	0.003	77	7170742	22.8	
160 Benzidine	184	11.056	11.053	0.003	81	4027253	21.4	
161 Pyrene	202	11.179	11.176	0.003	73	7426228	23.7	
168 Butyl benzyl phthalate	149	11.788	11.785	0.003	85	2892302	23.1	
172 3,3'-Dimethoxybenzidine	244	12.423	12.415	0.008	80	1715296	21.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.466	12.464	0.002	72	1156747	22.9	
175 3,3'-Dichlorobenzidine	252	12.466	12.464	0.002	72	2300801	20.8	
173 Bis(2-ethylhexyl) phthalate	149	12.482	12.485	-0.003	94	4250837	22.9	
177 Benzo[a]anthracene	228	12.525	12.522	0.003	78	6511414	23.1	
178 Chrysene	228	12.578	12.576	0.002	83	5939114	23.0	
180 Di-n-octyl phthalate	149	13.422	13.425	-0.003	99	7518674	20.6	
182 Benzo[b]fluoranthene	252	14.085	14.077	0.008	80	5921468	23.0	
183 Benzo[k]fluoranthene	252	14.128	14.120	0.008	84	6117211	23.1	
184 Benzo[a]pyrene	252	14.603	14.595	0.008	74	5590497	23.0	
188 Indeno[1,2,3-cd]pyrene	276	16.414	16.401	0.013	77	6105267	22.8	
189 Dibenz(a,h)anthracene	278	16.441	16.427	0.014	63	5127826	23.4	
190 Benzo[g,h,i]perylene	276	16.900	16.881	0.019	79	5054031	22.5	
S 191 Methyl Phenols,Total	100				0		42.5	

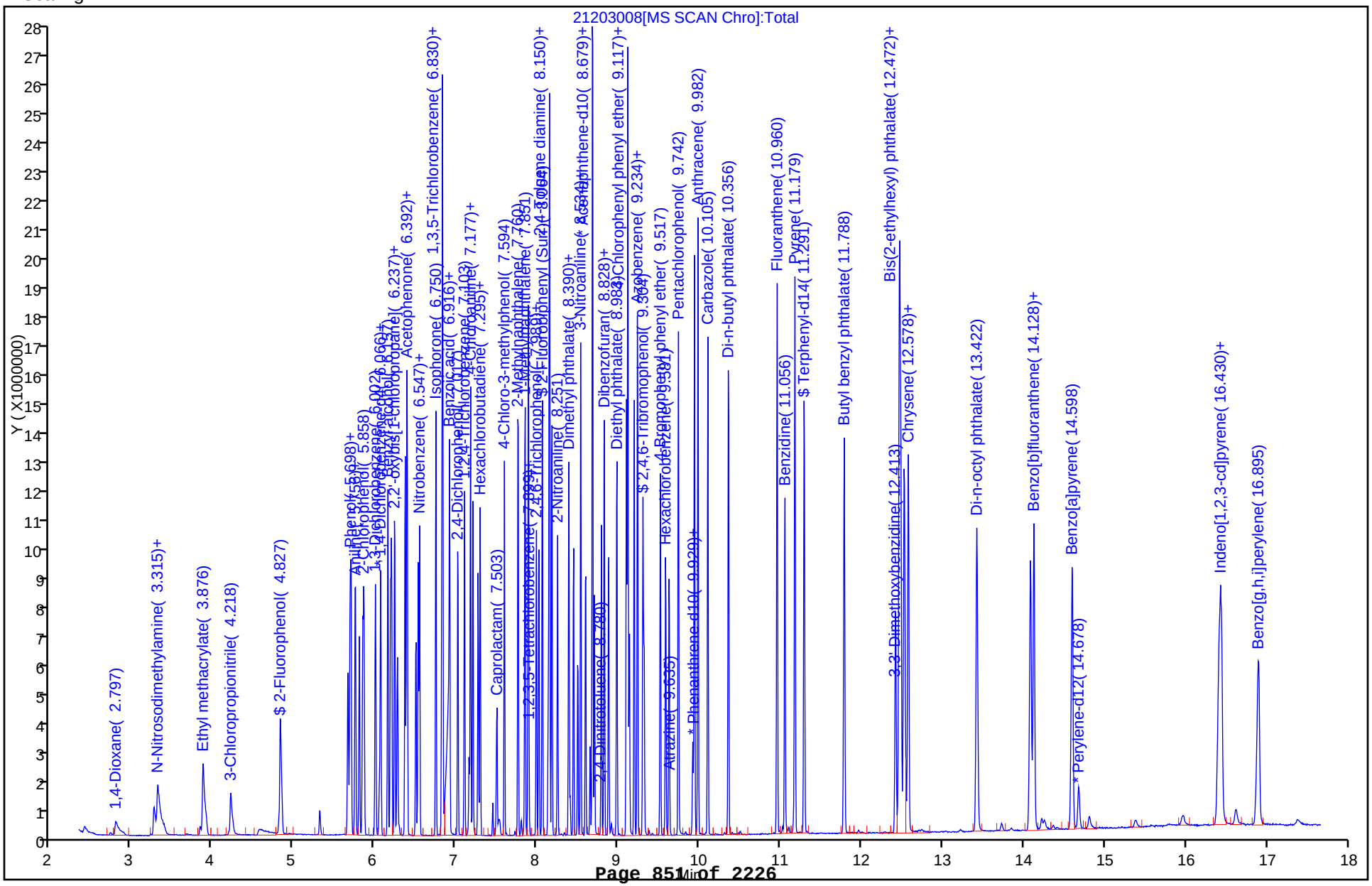
Report Date: 04-Dec-2012 08:01:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203008.D

Injection Date:	03-Dec-2012 14:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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\20121203-15467.b\21203009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	03-Dec-2012 14:36:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0015467-009		
Misc. Info.:	STD7 TCL =STD7 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67070	Lims Sample ID:	9
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:28	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 15:31:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.052	6.053	-0.001	86	196540	4.00	
* 2 Naphthalene-d8	136	7.157	7.159	-0.002	98	845951	4.00	
* 3 Acenaphthene-d10	164	8.653	8.649	0.004	66	522597	4.00	
* 4 Phenanthrene-d10	188	9.919	9.915	0.004	77	913285	4.00	
* 5 Chrysene-d12	240	12.542	12.538	0.004	75	940204	4.00	
* 6 Perylene-d12	264	14.685	14.681	0.004	85	763816	4.00	
$ 7 2-Fluorophenol	112	4.828	4.830	-0.002	92	1197803	15.5	
$ 8 Phenol-d5	99	5.688	5.684	0.004	0	1779153	15.9	
$ 9 Nitrobenzene-d5	82	6.527	6.528	-0.001	79	1975313	15.3	
$ 10 2-Fluorobiphenyl (Surr)	172	8.060	8.062	-0.002	95	2610009	15.0	
$ 11 2,4,6-Tribromophenol	330	9.321	9.317	0.004	72	323865	16.0	
$ 12 Terphenyl-d14	244	11.292	11.294	-0.002	96	2873627	14.9	
25 1,4-Dioxane	88	2.793	2.805	-0.012	78	543998	14.3	
26 N-Nitrosodimethylamine	74	3.268	3.275	-0.007	77	816856	16.3	
27 Pyridine	79	3.316	3.318	-0.002	79	1620749	15.8	
28 Ethyl methacrylate	69	3.872	3.879	-0.007	78	1500922	15.1	
29 3-Chloropropionitrile	54	4.214	4.215	-0.001	82	579758	16.0	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.662	5.663	-0.001	81	1269321	16.3	
43 Phenol	94	5.699	5.700	-0.001	89	2003163	15.8	
44 Aniline	93	5.753	5.754	-0.002	83	2502297	15.8	
69 Bis(2-chloroethyl)ether	93	5.801	5.802	-0.001	91	1492774	15.3	
46 2-Chlorophenol	128	5.859	5.861	-0.002	88	1096266	15.3	
47 1,3-Dichlorobenzene	146	6.004	6.005	-0.001	81	1180356	15.3	
48 1,4-Dichlorobenzene	146	6.068	6.069	-0.001	78	1151768	14.8	
49 Benzyl alcohol	108	6.153	6.154	-0.001	83	916925	15.5	
50 1,2-Dichlorobenzene	146	6.201	6.203	-0.002	78	1114610	14.9	
51 2-Methylphenol	108	6.239	6.240	-0.001	94	1325720	15.7	
53 2,2'-oxybis[1-chloropropane]	45	6.271	6.272	-0.001	94	1562839	15.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.367	6.363	0.004	91	1390992	15.5	
57 N-Nitrosodi-n-propylamine	70	6.383	6.384	-0.001	64	1420567	16.1	
58 Acetophenone	105	6.394	6.395	-0.001	85	2023578	15.5	
61 Hexachloroethane	117	6.500	6.502	-0.002	90	542116	14.9	
62 Nitrobenzene	77	6.548	6.544	0.004	70	2033011	14.9	
64 Isophorone	82	6.746	6.747	-0.001	92	3869063	15.6	
66 2-Nitrophenol	139	6.821	6.822	-0.001	88	580637	15.6	
65 2,4-Dimethylphenol	107	6.832	6.828	0.004	95	1535491	14.7	
67 1,3,5-Trichlorobenzene	180	6.832	6.833	-0.001	67	1095265	14.4	
71 Benzoic acid	122	6.901	6.865	0.036	77	1441946	29.6	
70 Bis(2-chloroethoxy)methane	93	6.917	6.918	-0.001	88	1938498	15.2	
73 2,4-Dichlorophenol	162	7.019	7.020	-0.001	88	872558	14.6	
74 1,2,4-Trichlorobenzene	180	7.104	7.100	0.004	80	1071050	14.4	
75 Naphthalene	128	7.179	7.175	0.004	80	3546318	15.3	
76 4-Chloroaniline	127	7.206	7.202	0.004	79	1398635	15.2	
79 Hexachlorobutadiene	225	7.270	7.271	-0.001	85	596689	14.8	
80 1,2,3-Trichlorobenzene	180	7.296	7.292	0.004	79	999010	0	
84 Caprolactam	113	7.494	7.479	0.015	79	356527	14.6	
86 4-Chloro-3-methylphenol	107	7.596	7.592	0.004	79	1322578	15.0	
87 2-Methylnaphthalene	142	7.761	7.762	-0.001	82	2197459	15.1	
88 1-Methylnaphthalene	142	7.847	7.848	-0.001	80	2113183	15.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.889	7.891	-0.002	81	1097095	15.0	
89 Hexachlorocyclopentadiene	237	7.889	7.891	-0.002	63	660004	15.7	
92 2,4,6-Trichlorophenol	196	7.991	7.987	0.004	85	700417	15.5	
93 2,4,5-Trichlorophenol	196	8.018	8.019	-0.001	88	731223	14.7	
97 2,4-Toluene diamine	121	8.135	8.131	0.004	95	584842	14.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.146	8.147	-0.001	84	1044182	0	
98 1,1'-Biphenyl	154	8.151	8.152	-0.001	93	2933167	15.5	
100 2-Chloronaphthalene	162	8.178	8.179	-0.001	91	2170503	15.1	
102 2-Nitroaniline	65	8.247	8.249	-0.002	69	1059612	15.8	
105 Dimethyl phthalate	163	8.392	8.388	0.004	94	2638665	15.5	
107 2,6-Dinitrotoluene	165	8.445	8.446	-0.001	76	571148	16.2	
108 1,2-Dinitrobenzene	168	8.498	8.494	0.004	80	271922	15.7	
109 Acenaphthylene	152	8.536	8.537	-0.001	68	3717874	16.2	
110 3-Nitroaniline	138	8.595	8.591	0.005	76	605348	15.9	
111 2,4-Dinitrophenol	184	8.680	8.676	0.004	67	779421	29.9	
112 Acenaphthene	153	8.680	8.681	-0.001	84	2197679	15.1	
113 4-Nitrophenol	109	8.707	8.697	0.010	82	437400	15.7	
114 2,4-Dinitrotoluene	165	8.792	8.788	0.004	75	744156	15.7	
116 Dibenzofuran	168	8.824	8.826	-0.002	87	3312358	15.7	
118 2,3,5,6-Tetrachlorophenol	232	8.883	8.879	0.004	85	629040	15.2	
121 Diethyl phthalate	149	8.979	8.980	-0.001	95	2575128	15.3	
123 4-Chlorophenyl phenyl ether	204	9.102	9.098	0.004	89	1337478	14.8	
125 4-Nitroaniline	138	9.118	9.109	0.009	74	652966	16.3	
126 Fluorene	166	9.118	9.114	0.004	70	2719190	15.3	
128 4,6-Dinitro-2-methylphenol	198	9.134	9.130	0.004	75	513143	14.6	
131 N-Nitrosodiphenylamine	169	9.198	9.194	0.004	92	1959808	15.5	
133 Azobenzene	77	9.236	9.237	-0.001	91	5241671	17.1	
132 1,2-Diphenylhydrazine	77	9.236	9.237	-0.001	99	5242019	17.1	
139 4-Bromophenyl phenyl ether	248	9.519	9.520	-0.001	66	704915	15.3	
141 Hexachlorobenzene	284	9.583	9.584	-0.001	74	687504	14.8	
142 Atrazine	200	9.626	9.622	0.004	80	613227	15.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.743	9.739	0.004	78	1074664	29.9	
148 Phenanthrene	178	9.941	9.937	0.004	81	4266491	15.6	
149 Anthracene	178	9.983	9.979	0.004	81	4603038	16.8	
151 Carbazole	167	10.106	10.102	0.004	63	3878743	15.8	
154 Di-n-butyl phthalate	149	10.357	10.359	-0.002	100	5022953	16.7	
159 Fluoranthene	202	10.961	10.957	0.004	76	5163534	16.6	
160 Benzidine	184	11.057	11.053	0.004	86	2624642	14.2	
161 Pyrene	202	11.180	11.176	0.004	77	5266082	16.2	
168 Butyl benzyl phthalate	149	11.789	11.785	0.004	84	1998546	15.4	
172 3,3'-Dimethoxybenzidine	244	12.419	12.415	0.004	74	1115656	14.1	
174 4,4'-Methylene bis(2-chloroanili	231	12.468	12.464	0.004	63	822324	15.7	
175 3,3'-Dichlorobenzidine	252	12.468	12.464	0.004	69	1613926	14.4	
173 Bis(2-ethylhexyl) phthalate	149	12.484	12.485	-0.001	94	2892564	15.0	
177 Benzo[a]anthracene	228	12.526	12.522	0.004	84	4418081	15.1	
178 Chrysene	228	12.580	12.576	0.004	81	4053767	15.1	
180 Di-n-octyl phthalate	149	13.424	13.425	-0.001	98	4994408	14.4	
182 Benzo[b]fluoranthene	252	14.086	14.077	0.009	82	4092896	15.5	
183 Benzo[k]fluoranthene	252	14.129	14.120	0.009	83	4263040	15.7	
184 Benzo[a]pyrene	252	14.599	14.595	0.004	77	3873105	15.5	
188 Indeno[1,2,3-cd]pyrene	276	16.410	16.401	0.009	75	4197780	15.3	
189 Dibenz(a,h)anthracene	278	16.437	16.427	0.010	74	3493923	15.5	
190 Benzo[g,h,i]perylene	276	16.896	16.881	0.015	72	3434050	14.9	
S 191 Methyl Phenols,Total	100				0		31.2	

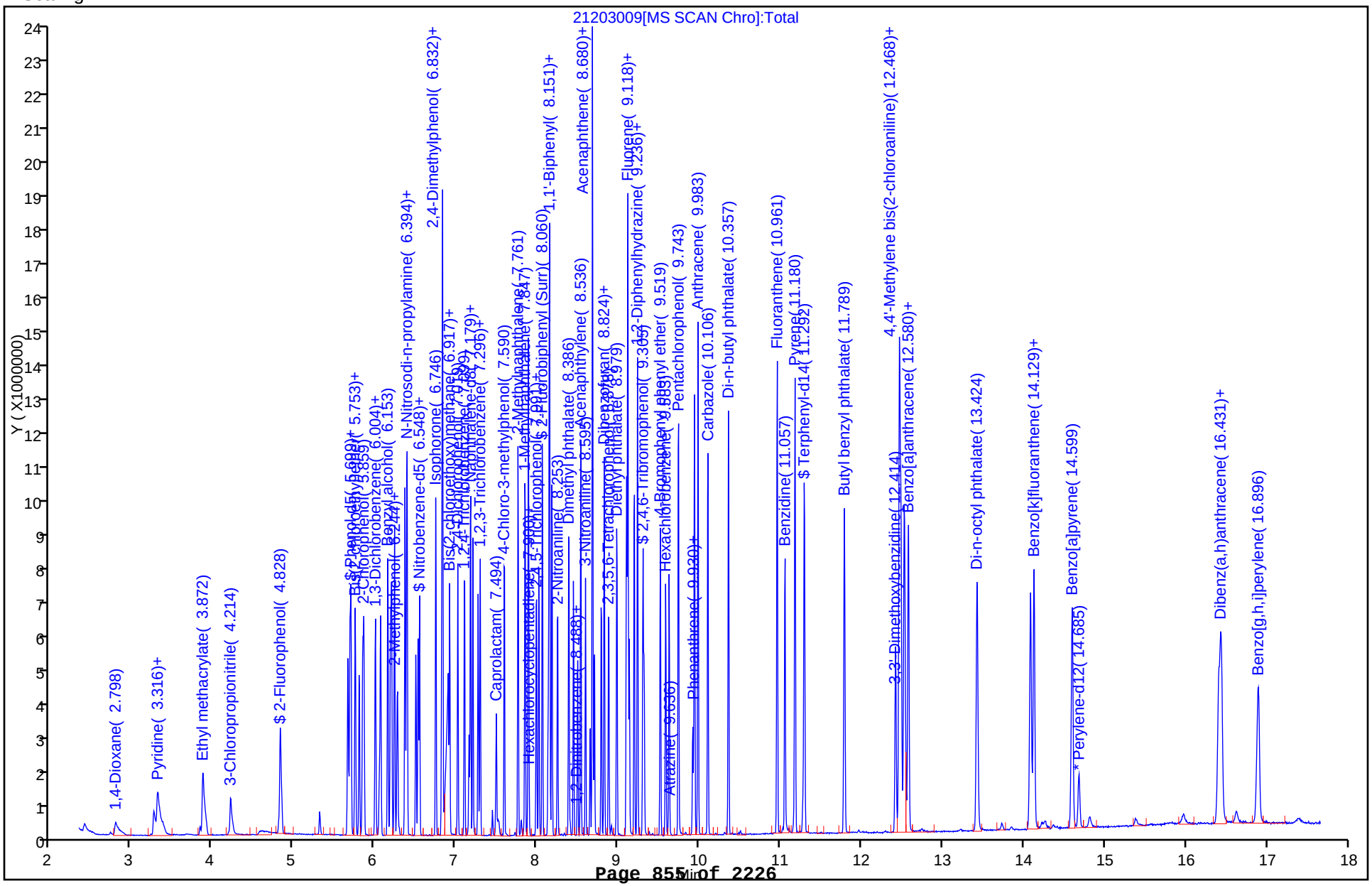
Report Date: 04-Dec-2012 08:01:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203009.D

Injection Date:	03-Dec-2012 14:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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\20121203-15467.b\21203010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	03-Dec-2012 15:01:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0015467-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	67070	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:30	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 15:53:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.050	0.0	84	219993	4.00	
* 2 Naphthalene-d8	136	7.156	7.156	0.0	97	913768	4.00	
* 3 Acenaphthene-d10	164	8.652	8.652	0.0	61	570837	4.00	
* 4 Phenanthrene-d10	188	9.918	9.918	0.0	78	998118	4.00	
* 5 Chrysene-d12	240	12.541	12.541	0.0	75	998924	4.00	
* 6 Perylene-d12	264	14.677	14.677	0.0	76	831813	4.00	
$ 7 2-Fluorophenol	112	4.832	4.832	0.0	93	847177	9.79	
$ 8 Phenol-d5	99	5.687	5.687	0.0	0	1278603	10.2	
$ 9 Nitrobenzene-d5	82	6.531	6.531	0.0	82	1375736	9.84	
$ 10 2-Fluorobiphenyl (Surr)	172	8.059	8.059	0.0	98	1844912	9.73	
$ 11 2,4,6-Tribromophenol	330	9.319	9.319	0.0	68	230291	10.4	
$ 12 Terphenyl-d14	244	11.291	11.291	0.0	95	2036667	9.95	
25 1,4-Dioxane	88	2.807	2.807	0.0	74	399753	9.36	
26 N-Nitrosodimethylamine	74	3.272	3.272	0.0	83	607272	10.8	
27 Pyridine	79	3.320	3.320	0.0	94	1153107	10.1	
28 Ethyl methacrylate	69	3.876	3.876	0.0	83	1072582	9.66	
29 3-Chloropropionitrile	54	4.218	4.218	0.0	83	422307	10.4	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.665	5.665	0.0	83	965070	9.45	
43 Phenol	94	5.703	5.703	0.0	88	1431885	10.1	
44 Aniline	93	5.751	5.751	0.0	82	1794952	10.1	
69 Bis(2-chloroethyl)ether	93	5.804	5.804	0.0	93	1075083	9.84	
46 2-Chlorophenol	128	5.858	5.858	0.0	88	798948	9.95	
47 1,3-Dichlorobenzene	146	6.002	6.002	0.0	81	855886	9.91	
48 1,4-Dichlorobenzene	146	6.066	6.066	0.0	78	856970	9.82	
49 Benzyl alcohol	108	6.157	6.157	0.0	83	673487	10.2	
50 1,2-Dichlorobenzene	146	6.199	6.199	0.0	75	804726	9.59	
51 2-Methylphenol	108	6.237	6.237	0.0	94	973970	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.274	6.274	0.0	95	1110965	9.98	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.365	6.365	0.0	87	1015483	10.1	
57 N-Nitrosodi-n-propylamine	70	6.386	6.386	0.0	69	990057	10.0	
58 Acetophenone	105	6.392	6.392	0.0	86	1444593	9.90	
61 Hexachloroethane	117	6.504	6.504	0.0	90	396040	9.71	
62 Nitrobenzene	77	6.547	6.547	0.0	70	1497384	10.2	
64 Isophorone	82	6.744	6.744	0.0	94	2794681	10.4	
66 2-Nitrophenol	139	6.819	6.819	0.0	85	428852	10.7	
65 2,4-Dimethylphenol	107	6.830	6.830	0.0	95	1124586	9.98	
67 1,3,5-Trichlorobenzene	180	6.830	6.830	0.0	67	798595	9.70	
71 Benzoic acid	122	6.889	6.889	0.0	77	992750	20.0	
70 Bis(2-chloroethoxy)methane	93	6.915	6.915	0.0	94	1378514	10.0	
73 2,4-Dichlorophenol	162	7.017	7.017	0.0	87	641251	9.90	
74 1,2,4-Trichlorobenzene	180	7.102	7.102	0.0	78	767717	9.59	
75 Naphthalene	128	7.177	7.177	0.0	79	2482143	9.89	
76 4-Chloroaniline	127	7.204	7.204	0.0	79	1004186	10.1	
79 Hexachlorobutadiene	225	7.268	7.268	0.0	86	426339	9.76	
80 1,2,3-Trichlorobenzene	180	7.295	7.295	0.0	78	728769	0	
84 Caprolactam	113	7.487	7.487	0.0	82	267301	10.1	
86 4-Chloro-3-methylphenol	107	7.594	7.594	0.0	79	971266	10.2	
87 2-Methylnaphthalene	142	7.759	7.759	0.0	85	1568614	9.97	
88 1-Methylnaphthalene	142	7.850	7.850	0.0	79	1525035	10.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.888	7.888	0.0	81	793734	9.97	
89 Hexachlorocyclopentadiene	237	7.893	7.893	0.0	73	464113	10.1	
92 2,4,6-Trichlorophenol	196	7.989	7.989	0.0	85	487834	9.87	
93 2,4,5-Trichlorophenol	196	8.016	8.016	0.0	89	549869	10.1	
97 2,4-Toluene diamine	121	8.133	8.133	0.0	97	444710	9.94	
99 1,2,3,4 -Tetrachlorobenzene	216	8.144	8.144	0.0	84	767938	0	
98 1,1'-Biphenyl	154	8.149	8.149	0.0	94	2097075	10.2	
100 2-Chloronaphthalene	162	8.181	8.181	0.0	91	1601844	10.2	
102 2-Nitroaniline	65	8.246	8.246	0.0	71	759915	10.4	
105 Dimethyl phthalate	163	8.384	8.384	0.0	92	1847769	9.96	
107 2,6-Dinitrotoluene	165	8.443	8.443	0.0	75	408875	10.6	
108 1,2-Dinitrobenzene	168	8.497	8.497	0.0	81	202332	10.7	
109 Acenaphthylene	152	8.534	8.534	0.0	86	2549553	10.2	
110 3-Nitroaniline	138	8.593	8.593	0.0	80	425539	10.3	
111 2,4-Dinitrophenol	184	8.678	8.678	0.0	65	538392	20.0	
112 Acenaphthene	153	8.678	8.678	0.0	84	1575777	9.90	
113 4-Nitrophenol	109	8.700	8.700	0.0	74	325899	10.7	
114 2,4-Dinitrotoluene	165	8.785	8.785	0.0	78	550422	10.6	
116 Dibenzofuran	168	8.822	8.822	0.0	85	2367844	10.3	
118 2,3,5,6-Tetrachlorophenol	232	8.881	8.881	0.0	85	453798	10.1	
121 Diethyl phthalate	149	8.977	8.977	0.0	94	1832980	9.99	
123 4-Chlorophenyl phenyl ether	204	9.100	9.100	0.0	88	981917	9.95	
125 4-Nitroaniline	138	9.111	9.111	0.0	80	458818	10.5	
126 Fluorene	166	9.116	9.116	0.0	67	1907218	9.81	
128 4,6-Dinitro-2-methylphenol	198	9.132	9.132	0.0	76	374569	10.0	
131 N-Nitrosodiphenylamine	169	9.191	9.191	0.0	94	1381461	10.0	
133 Azobenzene	77	9.234	9.234	0.0	92	3692336	11.0	
132 1,2-Diphenylhydrazine	77	9.234	9.234	0.0	99	3692336	11.0	
139 4-Bromophenyl phenyl ether	248	9.517	9.517	0.0	66	517373	10.3	
141 Hexachlorobenzene	284	9.581	9.581	0.0	78	503817	9.92	
142 Atrazine	200	9.624	9.624	0.0	80	463454	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.741	9.741	0.0	81	749230	19.7	
148 Phenanthrene	178	9.939	9.939	0.0	82	2998659	10.1	
149 Anthracene	178	9.982	9.982	0.0	81	3207585	10.7	
151 Carbazole	167	10.105	10.105	0.0	61	2771758	10.4	
154 Di-n-butyl phthalate	149	10.356	10.356	0.0	100	3532454	10.7	
159 Fluoranthene	202	10.959	10.959	0.0	76	3605052	10.6	
160 Benzidine	184	11.050	11.050	0.0	86	1843303	9.84	
161 Pyrene	202	11.178	11.178	0.0	73	3639569	10.5	
168 Butyl benzyl phthalate	149	11.787	11.787	0.0	85	1468183	10.6	
172 3,3'-Dimethoxybenzidine	244	12.418	12.418	0.0	85	786421	9.73	
174 4,4'-Methylene bis(2-chloroanili	231	12.466	12.466	0.0	67	594586	10.7	
175 3,3'-Dichlorobenzidine	252	12.466	12.466	0.0	70	1151707	9.95	
173 Bis(2-ethylhexyl) phthalate	149	12.482	12.482	0.0	94	2092198	10.2	
177 Benzo[a]anthracene	228	12.525	12.525	0.0	80	3116592	10.0	
178 Chrysene	228	12.573	12.573	0.0	82	2855800	10.0	
180 Di-n-octyl phthalate	149	13.422	13.422	0.0	98	3512292	9.91	
182 Benzo[b]fluoranthene	252	14.079	14.079	0.0	83	2885491	10.0	
183 Benzo[k]fluoranthene	252	14.122	14.122	0.0	82	3025983	10.2	
184 Benzo[a]pyrene	252	14.597	14.597	0.0	77	2722148	10.0	
188 Indeno[1,2,3-cd]pyrene	276	16.403	16.403	0.0	78	3017526	10.1	
189 Dibenz(a,h)anthracene	278	16.430	16.430	0.0	60	2535331	10.3	
190 Benzo[g,h,i]perylene	276	16.889	16.889	0.0	80	2461930	9.80	
S 191 Methyl Phenols,Total	100				0		20.4	

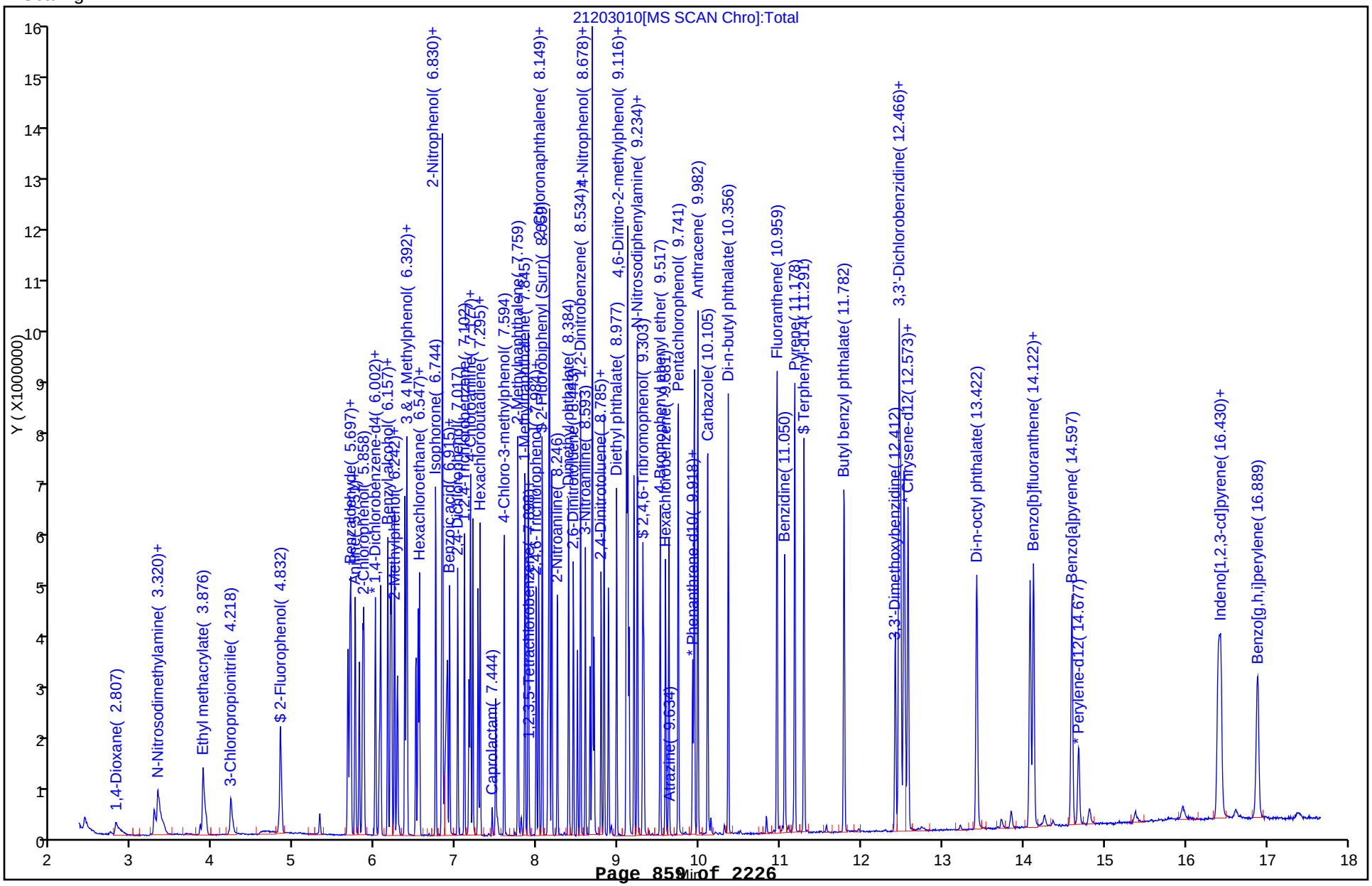
Report Date: 04-Dec-2012 08:01:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D

Injection Date:	03-Dec-2012 15:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	10
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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-68161/6	21211006.D
Level 2	STD2 240-68161/5	21211005.D
Level 3	STD3 240-68161/4	21211004.D
Level 4	STD4 240-68161/3	21211003.D
Level 5	STD5 240-68161/2	21211002.D
Level 6	STD6 240-68161/10	21211010.D
Level 7	STD7 240-68161/9	21211009.D
Level 8	STD8 240-68161/8	21211008.D
Level 9	STD9 240-68161/7	21211007.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	0.7190	+++++ 0.6901	1.0716 0.7172	0.7885 0.7156	0.6768	Qua	0.3072	0.6444	0.0025		0.0500				0.9990		0.9950
N-Nitrosodimethylamine	0.9861	0.5185 1.0014	0.7331 1.0296	0.7343 1.0552	0.7191	Qua	-0.418	0.9386	0.0055		0.0500				0.9990		0.9950
Pyridine	1.9766	1.9649 1.9512	1.9696 2.0096	1.6586 2.0064	1.6582	Ave		1.8994			0.0500	7.9		15.0			
Ethyl methacrylate	1.7238	1.9845 1.7513	1.6606 1.8188	1.6599 1.8300	1.5973	Ave		1.7533			0.0500	7.0		15.0			
3-Chloropropionitrile	0.7622	0.6335 0.8385	0.7015 0.9091	0.7835 0.9163	0.6865	Ave		0.7789			0.0500	13.0		15.0			
Benzaldehyde	2.3144 2.1950	2.2429 2.0175	2.1869 1.9213	2.1521 +++++	2.0019	Ave		2.1290			0.0500	6.3		15.0			
Phenol	2.4659	2.5883 2.4487	2.2263 2.5775	2.2057 2.5873	2.2323	Ave		2.4165			0.0500	7.0		15.0			
Aniline	3.0052	2.5911 3.0503	2.9359 3.2069	2.6591 3.2335	2.7229	Ave		2.9256			0.0500	8.4		15.0			
Bis(2-chloroethyl)ether	2.2648	2.3356 2.2677	2.0966 2.4090	1.9973 2.3954	1.9929	Ave		2.2199			0.0500	7.6		15.0			
2-Chlorophenol	1.4513	1.2937 1.3769	1.3194 1.4533	1.2321 1.4213	1.2987	Ave		1.3558			0.0500	6.1		15.0			
1,3-Dichlorobenzene	1.8160	1.7591 1.7757	1.7641 1.8535	1.7116 1.8819	1.7166	Ave		1.7848			0.0500	3.4		15.0			
Benzoic acid	0.2196	+++++ 0.2209	0.1427 0.2509	0.1629 0.2422	0.1964	Qua	-0.231	0.2189	0.0006		0.0500				0.9970		0.9950
1,4-Dichlorobenzene	1.5145	1.7195 1.4831	1.4867 1.5650	1.3466 1.5969	1.3547	Ave		1.5084			0.0500	8.2		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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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								
Benzyl alcohol	1.0873	1.0309 1.0769	1.0206 1.1062	1.0144 1.1117	0.9178	Ave		1.0457			0.0500	6.1		15.0			
1,2-Dichlorobenzene	1.7072	1.6877 1.7029	1.7187 1.7888	1.6010 1.8132	1.5923	Ave		1.7015			0.0500	4.6		15.0			
2-Methylphenol	1.5676	1.3331 1.5547	1.4938 1.6407	1.4604 1.6570	1.4177	Ave		1.5156			0.0500	7.3		15.0			
bis (2-chloroisopropyl) ether	2.2280	2.2365 2.2151	2.1300 2.3620	2.0808 2.3170	1.9306	Ave		2.1875			0.0500	6.3		15.0			
3 & 4 Methylphenol	1.6321	1.6612 1.6815	1.4784 1.7192	1.5304 1.7793	1.5109	Ave		1.6241			0.0500	6.6		15.0			
N-Nitrosodi-n-propylamine	1.6359	1.5617 1.6774	1.5729 1.7567	1.5039 1.7745	1.4358	Ave		1.6148			0.0500	7.4		15.0			
Acetophenone	2.4929	2.4294 2.4895	2.2945 2.6388	2.2442 2.6299	2.2255	Ave		2.4306			0.0500	6.7		15.0			
Hexachloroethane	0.7719	0.7976 0.7686	0.8031 0.7944	0.7501 0.8057	0.7335	Ave		0.7781			0.0500	3.4		15.0			
Nitrobenzene	0.7279	0.6681 0.7449	0.6935 0.8068	0.6987 0.8027	0.6568	Ave		0.7249			0.0500	7.9		15.0			
Isophorone	1.0788	0.9119 1.1060	0.9738 1.2160	0.9651 1.2175	0.9758	Ave		1.0556			0.0500	11.0		15.0			
2-Nitrophenol	0.1730	0.1609 0.1801	0.1528 0.1969	0.1618 0.1936	0.1716	Ave		0.1739			0.0500	9.0		15.0			
2,4-Dimethylphenol	0.4724	0.4069 0.4611	0.4388 0.4960	0.4213 0.5058	0.4367	Ave		0.4549			0.0500	7.7		15.0			
1,3,5-Trichlorobenzene	0.3627	0.3894 0.3769	0.3894 0.3993	0.3822 0.4025	0.3925	Ave		0.3868			0.0500	3.3		15.0			
Bis(2-chloroethoxy)methane	0.6880	0.7227 0.7147	0.6705 0.7618	0.6212 0.7544	0.6259	Ave		0.6949			0.0500	7.7		15.0			
2,4-Dichlorophenol	0.2752	0.2535 0.2686	0.2365 0.2905	0.2646 0.2903	0.2390	Ave		0.2648			0.0500	7.9		15.0			
1,2,4-Trichlorobenzene	0.3690	0.3959 0.3750	0.3644 0.4086	0.3583 0.3998	0.3618	Ave		0.3791			0.0500	5.1		15.0			
Naphthalene	1.0541 1.0086	0.9780 1.0147	0.9574 1.1151	0.9542 1.1354	0.9628	Ave		1.0200			0.0500	6.7		15.0			
4-Chloroaniline	0.4133	0.3763 0.4191	0.4263 0.4575	0.3843 0.4551	0.3822	Ave		0.4143			0.0500	7.7		15.0			
Hexachlorobutadiene	0.2042	0.1989 0.2010	0.2147 0.2147	0.2060 0.2163	0.2038	Ave		0.2075			0.0500	3.3		15.0			
Caprolactam	0.1126	0.0895 0.1046	0.0899 0.1146	0.0929 0.1081	0.1146	Ave		0.1033			0.0500	11.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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-Dinitrophenol	0.1939	+++++ 0.2018	0.0855 0.2053	0.1504 0.2161	0.1595	Qua	-0.213	0.1877	0.0006		0.0500				1.0000		0.9950
4-Chloro-3-methylphenol	0.3939	0.3437 0.4000	0.3671 0.4357	0.3891 0.4383	0.3679	Ave		0.3920			0.0500	8.4		15.0			
4-Nitrophenol	0.2242	+++++ 0.2381	0.2015 0.2300	0.2039 0.2415	0.2168	Ave		0.2223			0.0500	7.1		15.0			
2-Methylnaphthalene	0.7482 0.6643	0.6426 0.6764	0.6797 0.7440	0.6345 0.7423	0.6411	Ave		0.6859			0.0500	6.8		15.0			
2,3,5,6-Tetrachlorophenol	0.2832	+++++ 0.3157	0.2475 0.3133	0.2690 0.3242	0.2624	Ave		0.2879			0.0500	10.0		15.0			
1-Methylnaphthalene	0.6015 0.6326	0.5441 0.6544	0.6019 0.7084	0.5928 0.7071	0.6230	Ave		0.6296			0.0500	8.5		15.0			
1,2,3,5-Tetrachlorobenzene	0.6012	0.6026 0.6469	0.5709 0.6383	0.5748 0.6498	0.5460	Ave		0.6038			0.0500	6.4		15.0			
Hexachlorocyclopentadiene	0.3764	0.3613 0.4240	0.3333 0.4159	0.3251 0.4402	0.3644	Ave		0.3801			0.0500	11.0		15.0			
4,6-Dinitro-2-methylphenol	0.1272	+++++ 0.1409	0.0628 0.1516	0.0988 0.1470	0.1204	Qua	-0.096	0.1388	0.0006		0.0500				0.9980		0.9950
2,4,6-Trichlorophenol	0.3309	0.2854 0.3532	0.2979 0.3469	0.3402 0.3572	0.3253	Ave		0.3296			0.0500	7.9		15.0			
2,4,5-Trichlorophenol	0.3508	0.3317 0.3713	0.3128 0.3841	0.3181 0.3943	0.3439	Ave		0.3509			0.0500	8.6		15.0			
2,4-Toluene diamine	0.1965	0.2951 0.1820	0.2363 0.1826	0.1842 0.1846	0.1846	Qua	0.0410	0.1829	0		0.0500				0.9990		0.9950
1,1'-Biphenyl	1.2520 1.3437	1.3469 1.4594	1.3306 1.4686	1.3442 1.5503	1.2324	Ave		1.3698			0.0500	7.6		15.0			
2-Chloronaphthalene	1.1191 1.2168	1.2642 1.3299	1.1708 1.3434	1.1852 1.3874	1.1189	Ave		1.2373			0.0500	8.0		15.0			
2-Nitroaniline	0.4817	0.4446 0.5144	0.4469 0.5115	0.4121 0.5294	0.4209	Ave		0.4702			0.0500	9.6		15.0			
Dimethyl phthalate	1.1761	1.1252 1.2819	1.1283 1.2915	1.1569 1.3339	1.0910	Ave		1.1981			0.0500	7.6		15.0			
2,6-Dinitrotoluene	0.3129	0.2377 0.3472	0.2276 0.3404	0.2764 0.3555	0.2762	Qua	-0.093	0.3101	0.0020		0.0500				0.9990		0.9950
1,2-Dinitrobenzene	0.1541	0.0847 0.1700	0.1299 0.1666	0.1414 0.1696	0.1517	Qua	-0.044	0.1608	0.0004		0.0500				0.9990		0.9950
Acenaphthylene	1.6686 1.7355	1.5739 1.9214	1.5921 1.9489	1.6060 2.0234	1.6053	Ave		1.7417			0.0500	10.0		15.0			
3-Nitroaniline	0.2925	0.2093 0.3273	0.2543 0.3171	0.2498 0.3295	0.2619	Ave		0.2802			0.0500	15.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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	1.4053 1.0871	0.9507 1.1674	1.0552 1.1663	1.0479 1.2219	1.0103	Ave		1.1236			0.0500	12.0		15.0			
2,4-Dinitrotoluene	0.4162	0.3281 0.4625	0.3366 0.4605	0.3730 0.4711	0.4299	Ave		0.4097			0.0500	14.0		15.0			
Dibenzofuran	1.6774 1.4727	1.3293 1.6041	1.5230 1.6502	1.3936 1.7278	1.3853	Ave		1.5293			0.0500	9.4		15.0			
Diethyl phthalate	1.1886	1.0889 1.2794	1.0961 1.2916	1.1712 1.3716	1.0990	Ave		1.1983			0.0500	8.8		15.0			
4-Chlorophenyl phenyl ether	0.7277	0.7283 0.7740	0.7049 0.7676	0.7012 0.8009	0.6728	Ave		0.7347			0.0500	5.9		15.0			
4-Nitroaniline	0.3139	0.2165 0.3379	0.2594 0.3435	0.2785 0.3596	0.2984	Qua	-0.047	0.2974	0.0025		0.0500				1.0000		0.9950
Fluorene	1.3693 1.2544	1.2368 1.3495	1.2250 1.3544	1.2047 1.4213	1.1703	Ave		1.2873			0.0500	6.8		15.0			
N-Nitrosodiphenylamine	0.5173	0.4516 0.5698	0.4866 0.5965	0.5063 0.6049	0.5112	Ave		0.5305			0.0500	10.0		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.2833	1.0532 1.3883	1.1365 1.5176	1.1693 1.5192	1.1810	Ave		1.2809			0.0500	14.0		15.0			
Azobenzene	1.2832	1.0532 1.3888	1.1365 1.5175	1.1680 1.5189	1.1810	Ave		1.2809			0.0500	14.0		15.0			
4-Bromophenyl phenyl ether	0.2121	0.1983 0.2214	0.2228 0.2417	0.2211 0.2376	0.2058	Ave		0.2201			0.0500	6.7		15.0			
Hexachlorobenzene	0.2644 0.2083	0.1793 0.2179	0.1987 0.2269	0.2221 0.2251	0.2111	Ave		0.2171			0.0500	11.0		15.0			
Atrazine	0.1643	0.1413 0.1556	0.1558 0.1598	0.1538 0.1518	0.1711	Ave		0.1567			0.0500	5.6		15.0			
Benzidine	0.4855	+++++ 0.5466	0.3709 0.5770	0.4064 0.5555	0.4825	Qua	-0.283	0.5356	0.0017		0.0500				0.9970		0.9950
Pentachlorophenol	0.1366	0.0905 0.1431	0.1124 0.1527	0.1280 0.1501	0.1345	Qua	-0.057	0.1370	0.0003		0.0500				0.9990		0.9950
Phenanthrene	1.2111 1.0366	1.0249 1.1024	1.0012 1.1764	1.0400 1.2308	1.0171	Ave		1.0934			0.0500	8.2		15.0			
Anthracene	0.8322 1.0844	0.8810 1.1818	0.9609 1.2492	1.0041 1.2802	1.0229	Ave		1.0552			0.0500	15.0		15.0			
Carbazole	0.9744	0.8970 1.0553	0.9219 1.1369	0.9283 1.1516	0.9121	Ave		0.9972			0.0500	10.0		15.0			
Di-n-butyl phthalate	1.2134	0.9829 1.3375	1.0491 1.4632	1.1693 1.4870	1.1709	Ave		1.2341			0.0500	15.0		15.0			
3,3'-Dimethoxybenzidine	0.2445	+++++ 0.2741	0.1677 0.3028	0.2035 0.3117	0.2545	Qua	-0.047	0.2250	0.0036		0.0500				0.9990		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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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								
Fluoranthene	1.0714 1.1447	1.0216 1.2409	1.0704 1.3517	1.1280 1.3881	1.1142	Ave		1.1701			0.0500	11.0		15.0			
Pyrene	1.1101 1.2109	1.1243 1.2588	1.1168 1.3561	1.1111 1.3456	1.1666	Ave		1.2000			0.0500	8.3		15.0			
Butyl benzyl phthalate	 0.5124	0.4163 0.5424	0.4188 0.5753	0.4737 0.5677	0.5077	Ave		0.5018			0.0500	12.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	 0.2123	0.1547 0.2191	0.1964 0.2310	0.1807 0.2225	0.1987	Ave		0.2019			0.0500	12.0		15.0			
3,3'-Dichlorobenzidine	 0.3880	0.2937 0.4163	0.3251 0.4387	0.3314 0.4289	0.3788	Ave		0.3751			0.0500	14.0		15.0			
Bis(2-ethylhexyl) phthalate	 0.7566	0.5423 0.7951	0.6310 0.8279	0.6719 0.8358	0.7363	Ave		0.7246			0.0500	14.0		15.0			
Benzo[a]anthracene	1.0907 1.0914	1.0763 1.1521	1.0863 1.2012	1.0466 1.1999	1.0264	Ave		1.1079			0.0500	5.7		15.0			
Chrysene	1.0448 1.0053	0.9496 1.0648	0.9849 1.1192	0.9664 1.1202	0.9398	Ave		1.0217			0.0500	6.8		15.0			
Di-n-octyl phthalate	 1.5772	0.8966 1.6864	1.2552 1.8632	1.3941 1.8956	1.5445	Qua	-0.231	1.4479	0.0189		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	1.1280 1.2539	1.2099 1.2772	1.1877 1.3606	1.1791 1.3811	1.1947	Ave		1.2414			0.0500	6.9		15.0			
Benzo[k]fluoranthene	0.9963 1.2998	1.1101 1.3044	1.1888 1.4418	1.1499 1.4364	1.1494	Ave		1.2308			0.0500	12.0		15.0			
Benzo[a]pyrene	0.8061 1.1702	1.0095 1.2131	1.0232 1.3102	1.0545 1.3385	1.0959	Ave		1.1135			0.0500	15.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2358 1.2603	1.1213 1.2580	1.0788 1.3916	1.1274 1.4100	1.1561	Ave		1.2266			0.0500	9.6		15.0			
Dibenz(a,h)anthracene	1.0333 1.0348	0.9104 1.0730	0.9555 1.1624	0.9822 1.1822	0.9810	Ave		1.0350			0.0500	8.8		15.0			
Benzo[g,h,i]perylene	0.9021 1.0555	0.9206 1.0589	0.9682 1.1363	0.9639 1.1661	0.9771	Ave		1.0165			0.0500	9.1		15.0			
2-Fluorophenol (Surr)	 1.4942	1.5006 1.4707	1.5168 1.5306	1.3347 1.5245	1.3232	Ave		1.4619			0.0500	5.8		15.0			
Phenol-d5 (Surr)	 2.1921	1.9830 2.1912	2.0276 2.3123	1.9309 2.3177	1.9976	Ave		2.1191			0.0500	7.2		15.0			
Nitrobenzene-d5 (Surr)	0.5751 0.6755	0.7161 0.7009	0.6565 0.7571	0.6373 0.7480	0.6402	Ave		0.6785			0.0500	8.6		15.0			
2-Fluorobiphenyl (Surr)	1.8953 1.4592	1.3894 1.6128	1.5091 1.6272	1.3530 1.6773	1.3423	Ave		1.5406			0.0500	12.0		15.0			
2,4,6-Tribromophenol (Surr)	 0.1338	0.0992 0.1354	0.1130 0.1361	0.0944 0.1421	0.1156	Ave		0.1212			0.0500	15.0		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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								
Terphenyl-d14 (Surr)	0.7556 0.8042	0.7174 0.8494	0.8006 0.9015	0.7569 0.8821	0.7641	Ave		0.8035			0.0500	7.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-68161/6	21211006.D
Level 2	STD2 240-68161/5	21211005.D
Level 3	STD3 240-68161/4	21211004.D
Level 4	STD4 240-68161/3	21211003.D
Level 5	STD5 240-68161/2	21211002.D
Level 6	STD6 240-68161/10	21211010.D
Level 7	STD7 240-68161/9	21211009.D
Level 8	STD8 240-68161/8	21211008.D
Level 9	STD9 240-68161/7	21211007.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	Qua	227163	+++++ 358672	30839 458315	46945 553424	97331	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Qua	311548	8001 520500	21097 657944	43719 816059	103403	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	624491	30320 1014119	56684 1284276	98747 1551743	238456	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	544607	30622 910259	47792 1162287	98822 1415315	229690	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	240800	9776 435823	20189 580980	46645 708656	98723	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	8019 693486	34609 1048580	62939 1227831	128128 +++++	287885	0.100 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Phenol	DCB	Ave	779057	39940 1272720	64072 1647157	131316 2000970	321017	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	949462	39983 1585428	84494 2049399	158313 2500743	391553	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	715527	36040 1178628	60339 1539469	118913 1852534	286584	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	458516	19963 715662	37973 928768	73354 1099195	186751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	573733	27144 922931	50769 1184515	101900 1455448	246847	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	572911	+++++ 933598	33528 1275826	77484 1524116	222347	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	478483	26533 770872	42786 1000125	80173 1234992	194807	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	343504	15908 559701	29372 706891	60392 859750	131980	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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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
1,2-Dichlorobenzene	DCB	Ave	539349	26043 885079	49463 1143161	95317 1402338	228979	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	495251	20570 808049	42991 1048528	86943 1281539	203862	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	703910	34511 1151306	61301 1509426	123880 1791925	277618	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	515639	25633 873978	42548 1098673	91115 1376050	217268	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	516851	24098 871860	45267 1122606	89533 1372397	206467	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	787588	37488 1293928	66035 1686346	133612 2033933	320034	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	243857	12307 399460	23112 507685	44656 623090	105474	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	949381	42550 1573850	81480 2051757	166211 2525637	371698	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1407115	58078 2336821	114416 3092269	229607 3830714	552243	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	225658	10248 380548	17955 500802	38500 609008	97135	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	616141	25915 974254	51557 1261428	100226 1591349	247134	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	473055	24798 796270	45751 1015294	90924 1266563	222118	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	897333	46026 1510060	78774 1937224	147779 2373727	354212	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	358887	16148 567586	27783 738693	62954 913439	135278	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	481334	25214 792437	42809 1038989	85238 1257772	204756	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	13734 1315470	62287 2143944	112488 2835774	227010 3572537	544874	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	539109	23963 885540	50089 1163510	91432 1432034	216321	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	266391	12668 424798	25226 546069	49012 680642	115348	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	146875	5702 221008	10563 291378	22100 340052	64854	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	311316	+++++ 495431	12302 660638	43331 830121	112584	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	513816	21888 845103	43136 1107932	92563 1379075	208210	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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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-Nitrophenol	ANT	Ave		+++++	14501	29365	76534		+++++	1.00	2.00	5.00
			179979	292330	369994	463773		10.0	15.0	20.0	25.0	
2-Methylnaphthalene	NPT	Ave	9748	40926	79860	150945	362796	0.100	0.500	1.00	2.00	5.00
			866460	1429249	1891905	2335674		10.0	15.0	20.0	25.0	
2,3,5,6-Tetrachlorophenol	ANT	Ave		+++++	17811	38744	92614		+++++	1.00	2.00	5.00
			227340	387614	504090	622582		10.0	15.0	20.0	25.0	
1-Methylnaphthalene	NPT	Ave	7837	34655	70721	141026	352596	0.100	0.500	1.00	2.00	5.00
			825101	1382806	1801529	2224798		10.0	15.0	20.0	25.0	
1,2,3,5-Tetrachlorobenzene	ANT	Ave		23446	41082	82795	192717		0.500	1.00	2.00	5.00
			482625	794289	1026928	1247828		10.0	15.0	20.0	25.0	
Hexachlorocyclopentadiene	ANT	Ave		14057	23984	46819	128611		0.500	1.00	2.00	5.00
			302126	520515	669022	845307		10.0	15.0	20.0	25.0	
4,6-Dinitro-2-methylphenol	PHN	Qua		+++++	7846	23967	70300		+++++	1.00	2.00	5.00
			175834	307648	404618	490522		10.0	15.0	20.0	25.0	
2,4,6-Trichlorophenol	ANT	Ave		11103	21437	49003	114819		0.500	1.00	2.00	5.00
			265589	433672	557997	686078		10.0	15.0	20.0	25.0	
2,4,5-Trichlorophenol	ANT	Ave		12904	22511	45812	121392		0.500	1.00	2.00	5.00
			281598	455842	617878	757302		10.0	15.0	20.0	25.0	
2,4-Toluene diamine	NPT	Qua		18793	27766	43820	104456		0.500	1.00	2.00	5.00
			256321	384486	464309	580863		10.0	15.0	20.0	25.0	
1,1'-Biphenyl	ANT	Ave	9913	52401	95746	193605	434987	0.100	0.500	1.00	2.00	5.00
			1078606	1791869	2362627	2977344		10.0	15.0	20.0	25.0	
2-Chloronaphthalene	ANT	Ave	8861	49186	84244	170708	394941	0.100	0.500	1.00	2.00	5.00
			976740	1632869	2161164	2664441		10.0	15.0	20.0	25.0	
2-Nitroaniline	ANT	Ave		17298	32158	59356	148548		0.500	1.00	2.00	5.00
			386671	631536	822804	1016603		10.0	15.0	20.0	25.0	
Dimethyl phthalate	ANT	Ave		43777	81185	166626	385092		0.500	1.00	2.00	5.00
			944030	1573880	2077643	2561759		10.0	15.0	20.0	25.0	
2,6-Dinitrotoluene	ANT	Qua		9247	16380	39807	97487		0.500	1.00	2.00	5.00
			251169	426261	547562	682793		10.0	15.0	20.0	25.0	
1,2-Dinitrobenzene	ANT	Qua		3297	9345	20360	53534		0.500	1.00	2.00	5.00
			123665	208673	267952	325727		10.0	15.0	20.0	25.0	
Acenaphthylene	ANT	Ave	13212	61233	114559	231307	566609	0.100	0.500	1.00	2.00	5.00
			1393064	2358982	3135207	3885833		10.0	15.0	20.0	25.0	
3-Nitroaniline	ANT	Ave		8141	18300	35979	92453		0.500	1.00	2.00	5.00
			234753	401871	510169	632739		10.0	15.0	20.0	25.0	
Acenaphthene	ANT	Ave	11127	36987	75926	150933	356623	0.100	0.500	1.00	2.00	5.00
			872629	1433257	1876230	2346634		10.0	15.0	20.0	25.0	
2,4-Dinitrotoluene	ANT	Ave		12763	24218	53726	151752		0.500	1.00	2.00	5.00
			334055	567878	740818	904735		10.0	15.0	20.0	25.0	
Dibenzofuran	ANT	Ave	13281	51717	109591	200716	488986	0.100	0.500	1.00	2.00	5.00
			1182151	1969449	2654718	3318150		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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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
Diethyl phthalate	ANT	Ave	954130	42364 1570846	78871 2077865	168689 2634063	387925	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	584162	28334 950329	50721 1234824	100991 1538113	237471	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Qua	252007	8423 414924	18667 552531	40115 690574	105314	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	10842 1006932	48120 1656872	88146 2178953	173519 2729508	413082	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	715229	29892 1244234	60778 1591697	122786 2019156	298602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1774323	69710 3031687	141953 4049748	283592 5070656	689802	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1774258	69710 3032612	141953 4049362	283271 5069760	689802	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	293263	13124 483496	27827 644995	53626 793160	120223	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	3607 288024	11868 475850	24818 605405	53877 751281	123307	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	227203	9350 339774	19459 426532	37299 506527	99909	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	678226	+++++ 1217581	45984 1606415	102835 1954118	282422	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	377807	11982 624792	28068 814927	62084 1001762	157089	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	16520 1433288	67837 2407184	125048 3139152	252247 4108198	594066	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	11352 1499368	58309 2580698	120020 3333456	243529 4272971	597422	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	1347244	59370 2304421	115146 3033830	225140 3843842	532712	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	1677634	65052 2920706	131040 3904400	283586 4963359	683861	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	341548	+++++ 610583	20791 843074	51490 1096628	148981	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	14614 1582756	67613 2709684	133695 3606895	273581 4633268	650778	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	15054 1691659	73156 2804155	138459 3775507	281155 4733383	682824	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	715901	27087 1208344	51917 1601617	119864 1996923	297147	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Ave	296534	10063 487987	24350 643044	45735 782606	116303	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.: 240-17467-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

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	Ave	542020	19110 927359	40305 1221257	83858 1508804	221737	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1056973	35288 1771277	78234 2304916	170009 2939989	430975	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	14791 1524683	70032 2566611	134671 3344268	264820 4220814	600753	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	14169 1404427	61788 2372161	122111 3115866	244544 3940410	550090	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	1666327	44647 2988206	119798 3970919	266898 5092779	715520	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	11681 1324716	60249 2263119	113357 2899706	225736 3710480	553487	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	10317 1373241	55277 2311238	113456 3072836	220147 3858998	532501	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	8347 1236369	50271 2149554	97653 2792378	201880 3596128	507693	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	12797 1331518	55837 2229133	102960 2965877	215853 3788202	535564	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	10700 1093326	45334 1901201	91187 2477247	188049 3176199	454483	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	9341 1115126	45840 1876236	92408 2421768	184535 3133030	452642	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	472056	23155 764427	43653 978154	79463 1179046	190278	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	692548	30599 1138866	58355 1477705	114959 1792514	287258	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	7493 881073	45605 1480900	77136 1925197	151623 2353558	362320	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	15007 1171298	54056 1980163	108590 2617805	194869 3221128	473805	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	107406	3860 166287	8131 218875	13595 272957	40801	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	10246 1123571	46676 1892267	99259 2509758	191527 3102944	447225	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\20121211-15722.b\21211002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	11-Dec-2012 12:10:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015722-002		
Misc. Info.:	STD5 TCL =STD5 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	68161	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:53	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 12:51:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.098	6.098	0.0	94	115042	4.00	
* 2 Naphthalene-d8	136	7.209	7.209	0.0	99	452737	4.00	
* 3 Acenaphthene-d10	164	8.705	8.705	0.0	76	282376	4.00	
* 4 Phenanthrene-d10	188	9.971	9.971	0.0	78	467251	4.00	
* 5 Chrysene-d12	240	12.626	12.626	0.0	79	468259	4.00	
* 6 Perylene-d12	264	14.790	14.790	0.0	89	370615	4.00	
$ 7 2-Fluorophenol	112	4.880	4.880	0.0	89	190278	4.53	
$ 8 Phenol-d5	99	5.735	5.735	0.0	0	287258	4.71	
$ 9 Nitrobenzene-d5	82	6.579	6.579	0.0	82	362320	4.72	
$ 10 2-Fluorobiphenyl (Surr)	172	8.112	8.112	0.0	98	473805	4.36	
$ 11 2,4,6-Tribromophenol	330	9.373	9.373	0.0	69	40801	4.77	
$ 12 Terphenyl-d14	244	11.360	11.360	0.0	95	447225	4.75	
25 1,4-Dioxane	88	2.861	2.861	0.0	69	97331	4.69	M
26 N-Nitrosodimethylamine	74	3.336	3.336	0.0	85	103403	4.17	
27 Pyridine	79	3.390	3.390	0.0	73	238456	4.37	
28 Ethyl methacrylate	69	3.929	3.929	0.0	76	229690	4.56	
29 3-Chloropropionitrile	54	4.266	4.266	0.0	81	98723	4.41	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	86	287885	4.70	
43 Phenol	94	5.746	5.746	0.0	91	321017	4.62	
44 Aniline	93	5.799	5.799	0.0	95	391553	4.65	
69 Bis(2-chloroethyl)ether	93	5.853	5.853	0.0	97	286584	4.49	
46 2-Chlorophenol	128	5.906	5.906	0.0	90	186751	4.79	
47 1,3-Dichlorobenzene	146	6.050	6.050	0.0	82	246847	4.81	
48 1,4-Dichlorobenzene	146	6.114	6.114	0.0	77	194807	4.49	
49 Benzyl alcohol	108	6.200	6.200	0.0	84	131980	4.39	
50 1,2-Dichlorobenzene	146	6.253	6.253	0.0	82	228979	4.68	
51 2-Methylphenol	108	6.285	6.285	0.0	94	203862	4.68	
53 2,2'-oxybis[1-chloropropane]	45	6.323	6.323	0.0	96	277618	4.41	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.413	6.413	0.0	82	217268	4.65	
57 N-Nitrosodi-n-propylamine	70	6.429	6.429	0.0	69	206467	4.45	
58 Acetophenone	105	6.440	6.440	0.0	88	320034	4.58	
61 Hexachloroethane	117	6.552	6.552	0.0	90	105474	4.71	
62 Nitrobenzene	77	6.595	6.595	0.0	72	371698	4.53	
64 Isophorone	82	6.793	6.793	0.0	95	552243	4.62	
66 2-Nitrophenol	139	6.868	6.868	0.0	85	97135	4.94	
67 1,3,5-Trichlorobenzene	180	6.878	6.878	0.0	81	222118	5.07	
65 2,4-Dimethylphenol	107	6.878	6.878	0.0	97	247134	4.80	
71 Benzoic acid	122	6.916	6.916	0.0	67	222347	9.75	M
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	98	354212	4.50	
73 2,4-Dichlorophenol	162	7.071	7.071	0.0	91	135278	4.51	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	79	204756	4.77	
75 Naphthalene	128	7.225	7.225	0.0	97	544874	4.72	
76 4-Chloroaniline	127	7.252	7.252	0.0	79	216321	4.61	
79 Hexachlorobutadiene	225	7.322	7.322	0.0	89	115348	4.91	
80 1,2,3-Trichlorobenzene	180	7.343	7.343	0.0	80	187155	0	
84 Caprolactam	113	7.530	7.530	0.0	77	64854	5.54	
86 4-Chloro-3-methylphenol	107	7.637	7.637	0.0	81	208210	4.69	
87 2-Methylnaphthalene	142	7.813	7.813	0.0	85	362796	4.67	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	83	352596	4.95	
89 Hexachlorocyclopentadiene	237	7.941	7.941	0.0	70	128611	4.79	
90 1,2,3,5-Tetrachlorobenzene	216	7.941	7.941	0.0	82	192717	4.52	
92 2,4,6-Trichlorophenol	196	8.037	8.037	0.0	84	114819	4.93	
93 2,4,5-Trichlorophenol	196	8.070	8.070	0.0	88	121392	4.90	
97 2,4-Toluene diamine	121	8.182	8.182	0.0	96	104456	4.83	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	86	196115	0	
98 1,1'-Biphenyl	154	8.203	8.203	0.0	97	434987	4.50	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	98	394941	4.52	
102 2-Nitroaniline	65	8.299	8.299	0.0	65	148548	4.48	
105 Dimethyl phthalate	163	8.438	8.438	0.0	94	385092	4.55	
107 2,6-Dinitrotoluene	165	8.497	8.497	0.0	77	97487	4.62	
108 1,2-Dinitrobenzene	168	8.545	8.545	0.0	79	53534	4.92	
109 Acenaphthylene	152	8.588	8.588	0.0	86	566609	4.61	
110 3-Nitroaniline	138	8.646	8.646	0.0	84	92453	4.67	
112 Acenaphthene	153	8.732	8.732	0.0	85	356623	4.50	
111 2,4-Dinitrophenol	184	8.732	8.732	0.0	69	112584	9.33	
113 4-Nitrophenol	109	8.748	8.748	0.0	87	76534	4.88	
114 2,4-Dinitrotoluene	165	8.839	8.839	0.0	77	151752	5.25	
116 Dibenzofuran	168	8.876	8.876	0.0	85	488986	4.53	
118 2,3,5,6-Tetrachlorophenol	232	8.935	8.935	0.0	82	92614	4.56	
121 Diethyl phthalate	149	9.031	9.031	0.0	95	387925	4.59	
123 4-Chlorophenyl phenyl ether	204	9.154	9.154	0.0	90	237471	4.58	
125 4-Nitroaniline	138	9.165	9.165	0.0	75	105314	4.96	
126 Fluorene	166	9.170	9.170	0.0	66	413082	4.55	
128 4,6-Dinitro-2-methylphenol	198	9.186	9.186	0.0	41	70300	4.93	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	98	298602	4.82	
132 1,2-Diphenylhydrazine	77	9.288	9.288	0.0	100	689802	4.61	
133 Azobenzene	77	9.288	9.288	0.0	94	689802	4.61	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	67	120223	4.68	
141 Hexachlorobenzene	284	9.640	9.640	0.0	84	123307	4.86	
142 Atrazine	200	9.677	9.677	0.0	82	99909	5.46	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.795	9.795	0.0	80	157089	10.0	
148 Phenanthrene	178	9.993	9.993	0.0	81	594066	4.65	
149 Anthracene	178	10.035	10.035	0.0	82	597422	4.85	
151 Carbazole	167	10.158	10.158	0.0	83	532712	4.57	
154 Di-n-butyl phthalate	149	10.409	10.409	0.0	100	683861	4.74	
159 Fluoranthene	202	11.018	11.018	0.0	83	650778	4.76	
160 Benzidine	184	11.115	11.115	0.0	86	282422	4.96	
161 Pyrene	202	11.243	11.243	0.0	77	682824	4.86	
168 Butyl benzyl phthalate	149	11.857	11.857	0.0	87	297147	5.06	
172 3,3'-Dimethoxybenzidine	244	12.498	12.498	0.0	84	148981	5.39	
175 3,3'-Dichlorobenzidine	252	12.546	12.546	0.0	72	221737	5.05	
174 4,4'-Methylene bis(2-chloroanili	231	12.546	12.546	0.0	73	116303	4.92	
173 Bis(2-ethylhexyl) phthalate	149	12.568	12.568	0.0	95	430975	5.08	
177 Benzo[a]anthracene	228	12.610	12.610	0.0	84	600753	4.63	
178 Chrysene	228	12.658	12.658	0.0	81	550090	4.60	
180 Di-n-octyl phthalate	149	13.518	13.518	0.0	98	715520	5.15	
182 Benzo[b]fluoranthene	252	14.181	14.181	0.0	85	553487	4.81	
183 Benzo[k]fluoranthene	252	14.229	14.229	0.0	88	532501	4.67	
184 Benzo[a]pyrene	252	14.704	14.704	0.0	78	507693	4.92	
188 Indeno[1,2,3-cd]pyrene	276	16.542	16.542	0.0	80	535564	4.71	
189 Dibenz(a,h)anthracene	278	16.574	16.574	0.0	52	454483	4.74	
190 Benzo[g,h,i]perylene	276	17.034	17.034	0.0	79	452642	4.81	
S 191 Methyl Phenols,Total	100				0		9.33	

QC Flag Legend

Review Flags
M - Manually Integrated

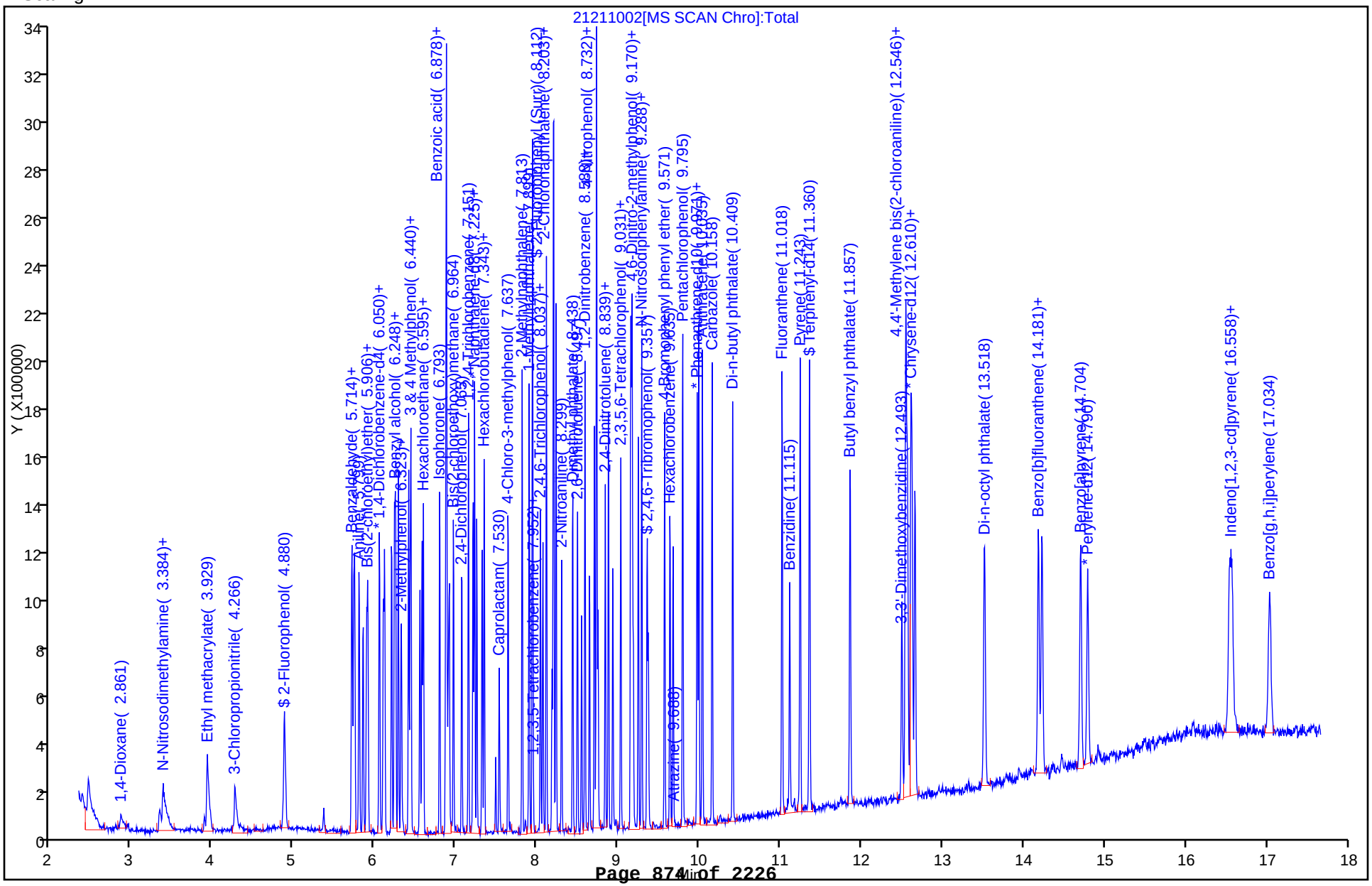
Report Date: 12-Dec-2012 07:42:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D

Injection Date:	11-Dec-2012 12:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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

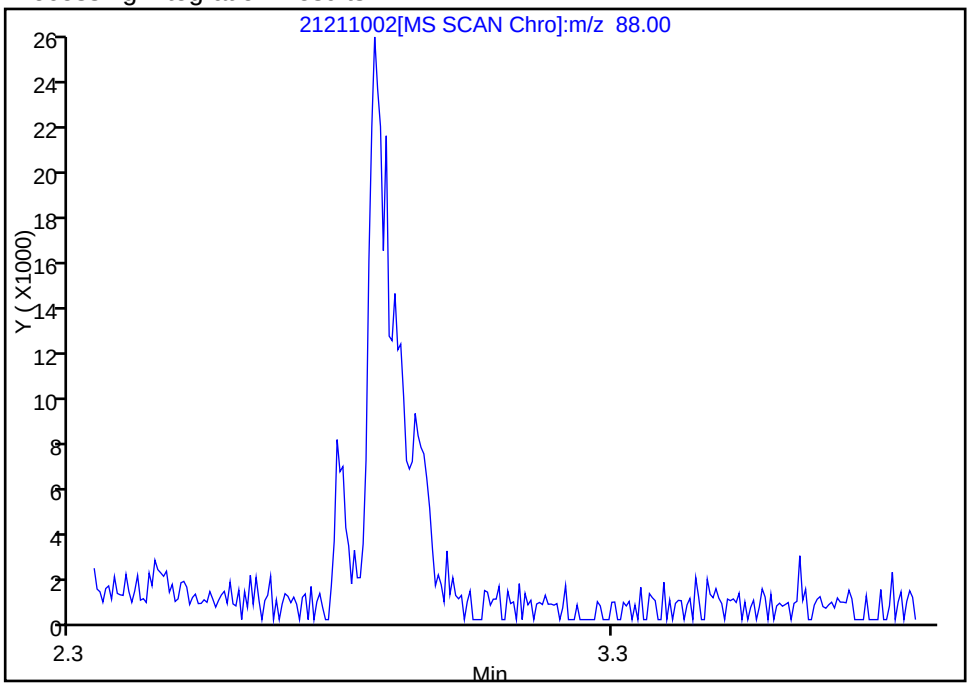
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D		
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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.86

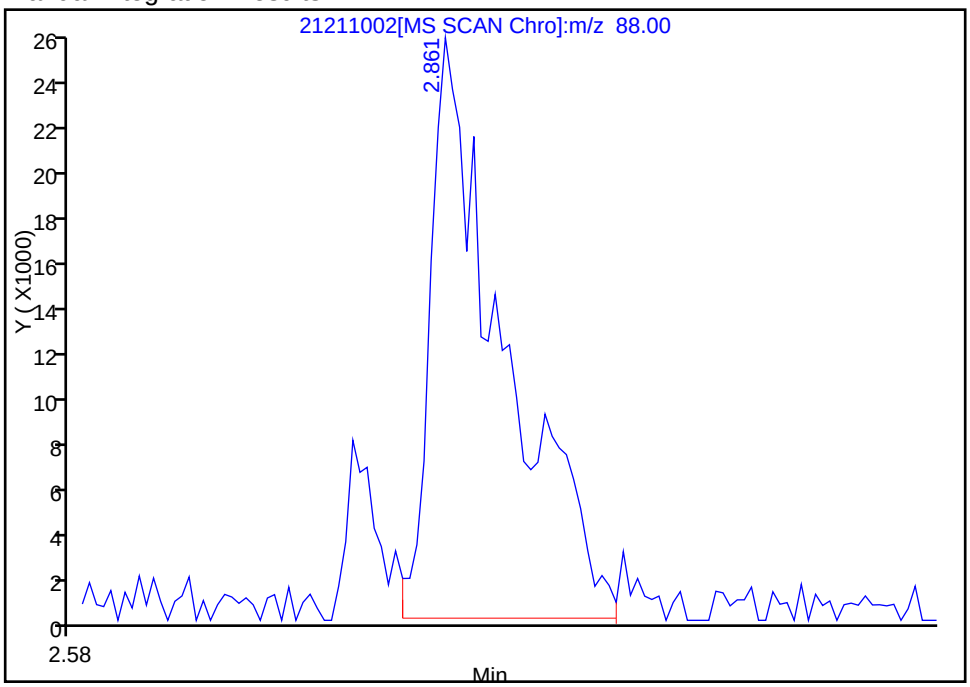
Processing Integration Results

Not Detected
Expected RT: 2.86



Manual Integration Results

RT: 2.86
Response: 97331
Amount: 4.691136



Reviewer: ulmanm, 11-Dec-2012 12:51:01
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

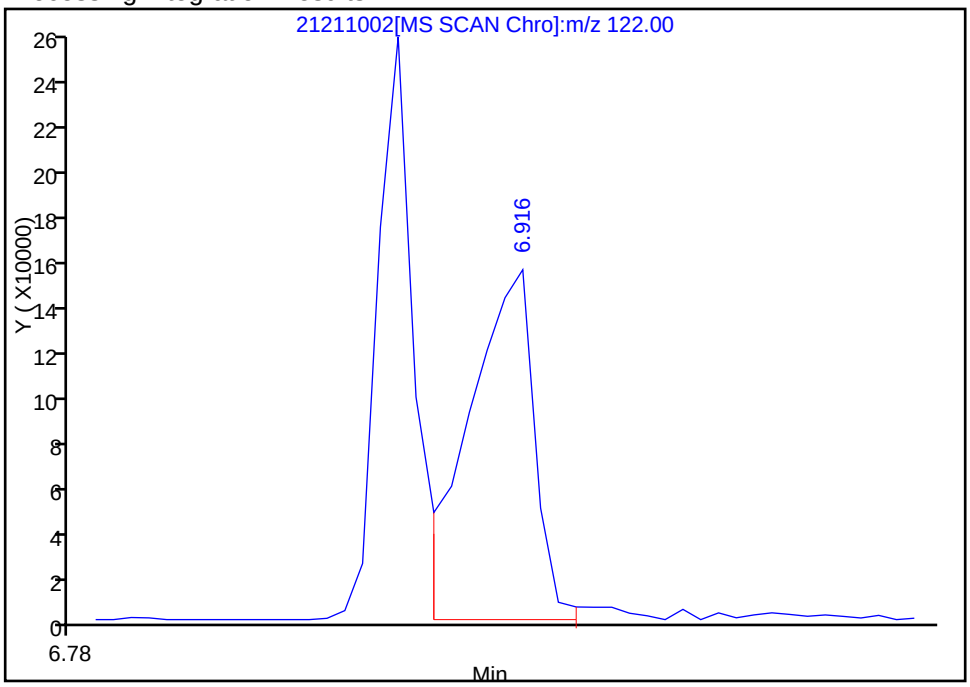
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D		
Injection Date:	11-Dec-2012 12:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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: 6.92

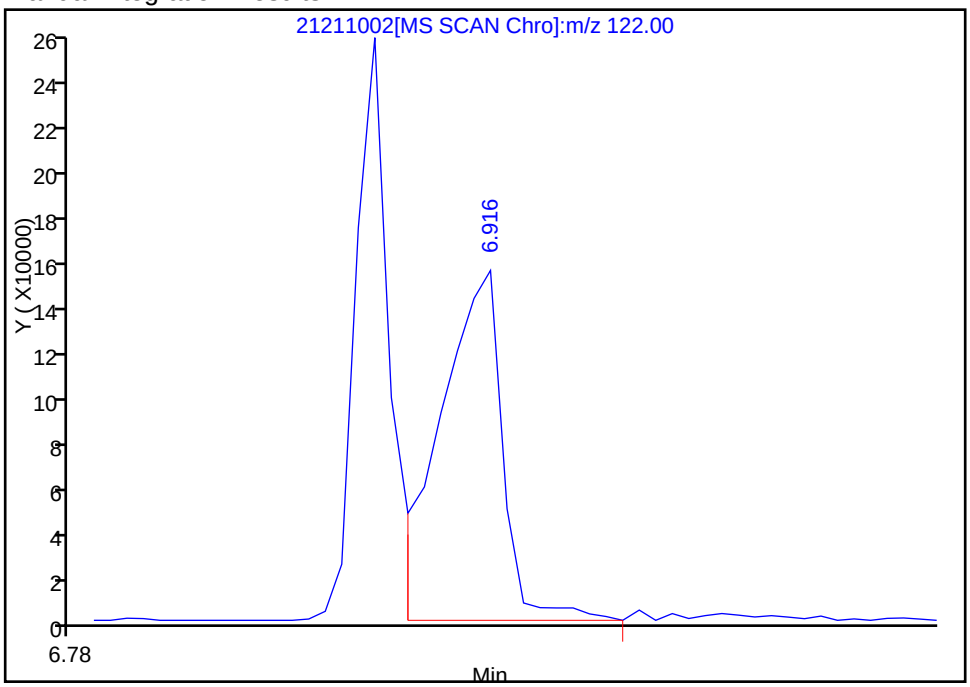
Processing Integration Results

RT: 6.92
Response: 217445
Amount: 10.000000



Manual Integration Results

RT: 6.92
Response: 222347
Amount: 9.750471



Reviewer: ulmanm, 11-Dec-2012 12:51:01
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	11-Dec-2012 12:35:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015722-003		
Misc. Info.:	STD4 TCL =STD4 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	68161	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:55	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 13:13:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.104	6.098	0.006	85	119071	4.00	
* 2 Naphthalene-d8	136	7.210	7.209	0.001	98	475796	4.00	
* 3 Acenaphthene-d10	164	8.705	8.705	0.0	67	288060	4.00	
* 4 Phenanthrene-d10	188	9.971	9.971	0.0	77	485073	4.00	
* 5 Chrysene-d12	240	12.621	12.626	-0.005	76	506068	4.00	
* 6 Perylene-d12	264	14.790	14.790	0.0	77	382910	4.00	
$ 7 2-Fluorophenol	112	4.886	4.880	0.006	83	79463	1.83	
$ 8 Phenol-d5	99	5.735	5.735	0.0	0	114959	1.82	
$ 9 Nitrobenzene-d5	82	6.579	6.579	0.0	83	151623	1.88	
$ 10 2-Fluorobiphenyl (Surr)	172	8.112	8.112	0.0	97	194869	1.76	
$ 11 2,4,6-Tribromophenol	330	9.373	9.373	0.0	60	13595	1.56	
$ 12 Terphenyl-d14	244	11.355	11.360	-0.005	92	191527	1.88	
25 1,4-Dioxane	88	2.877	2.861	0.016	81	46945	1.96	
26 N-Nitrosodimethylamine	74	3.347	3.336	0.011	75	43719	1.99	M
27 Pyridine	79	3.395	3.390	0.005	89	98747	1.75	
28 Ethyl methacrylate	69	3.929	3.929	0.0	71	98822	1.89	
29 3-Chloropropionitrile	54	4.271	4.266	0.005	75	46645	2.01	M
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	87	128128	2.02	
43 Phenol	94	5.746	5.746	0.0	91	131316	1.83	
44 Aniline	93	5.799	5.799	0.0	92	158313	1.82	
69 Bis(2-chloroethyl)ether	93	5.853	5.853	0.0	92	118913	1.80	
46 2-Chlorophenol	128	5.906	5.906	0.0	83	73354	1.82	
47 1,3-Dichlorobenzene	146	6.050	6.050	0.0	81	101900	1.92	
48 1,4-Dichlorobenzene	146	6.114	6.114	0.0	64	80173	1.79	
49 Benzyl alcohol	108	6.205	6.200	0.005	83	60392	1.94	
50 1,2-Dichlorobenzene	146	6.253	6.253	0.0	83	95317	1.88	
51 2-Methylphenol	108	6.285	6.285	0.0	91	86943	1.93	
53 2,2'-oxybis[1-chloropropane]	45	6.323	6.323	0.0	95	123880	1.90	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.414	6.413	0.001	89	91115	1.88	
57 N-Nitrosodi-n-propylamine	70	6.430	6.429	0.001	66	89533	1.86	
58 Acetophenone	105	6.440	6.440	0.0	89	133612	1.85	
61 Hexachloroethane	117	6.552	6.552	0.0	91	44656	1.93	
62 Nitrobenzene	77	6.595	6.595	0.0	75	166211	1.93	
64 Isophorone	82	6.793	6.793	0.0	94	229607	1.83	
66 2-Nitrophenol	139	6.868	6.868	0.0	81	38500	1.86	
67 1,3,5-Trichlorobenzene	180	6.878	6.878	0.0	73	90924	1.98	
65 2,4-Dimethylphenol	107	6.878	6.878	0.0	95	100226	1.85	
71 Benzoic acid	122	6.900	6.916	-0.016	80	77484	3.98	M
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	97	147779	1.79	
73 2,4-Dichlorophenol	162	7.071	7.071	0.0	89	62954	2.00	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	83	85238	1.89	
75 Naphthalene	128	7.226	7.225	0.001	96	227010	1.87	
76 4-Chloroaniline	127	7.252	7.252	0.0	78	91432	1.86	
79 Hexachlorobutadiene	225	7.322	7.322	0.0	80	49012	1.99	
80 1,2,3-Trichlorobenzene	180	7.348	7.343	0.005	82	79658	0	
84 Caprolactam	113	7.530	7.530	0.0	72	22100	1.80	
86 4-Chloro-3-methylphenol	107	7.637	7.637	0.0	78	92563	1.99	
87 2-Methylnaphthalene	142	7.813	7.813	0.0	86	150945	1.85	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	79	141026	1.88	
89 Hexachlorocyclopentadiene	237	7.941	7.941	0.0	71	46819	1.71	
90 1,2,3,5-Tetrachlorobenzene	216	7.941	7.941	0.0	80	82795	1.90	
92 2,4,6-Trichlorophenol	196	8.038	8.037	0.001	84	49003	2.06	
93 2,4,5-Trichlorophenol	196	8.070	8.070	0.0	88	45812	1.81	
97 2,4-Toluene diamine	121	8.182	8.182	0.0	97	43820	1.79	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	80	84650	0	
98 1,1'-Biphenyl	154	8.203	8.203	0.0	92	193605	1.96	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	96	170708	1.92	
102 2-Nitroaniline	65	8.299	8.299	0.0	62	59356	1.75	
105 Dimethyl phthalate	163	8.438	8.438	0.0	94	166626	1.93	
107 2,6-Dinitrotoluene	165	8.492	8.497	-0.005	75	39807	2.06	
108 1,2-Dinitrobenzene	168	8.545	8.545	0.0	79	20360	2.02	
109 Acenaphthylene	152	8.588	8.588	0.0	93	231307	1.84	
110 3-Nitroaniline	138	8.641	8.646	-0.005	83	35979	1.78	
112 Acenaphthene	153	8.732	8.732	0.0	90	150933	1.87	
111 2,4-Dinitrophenol	184	8.727	8.732	-0.005	58	43331	4.28	
113 4-Nitrophenol	109	8.748	8.748	0.0	78	29365	1.83	
114 2,4-Dinitrotoluene	165	8.839	8.839	0.0	70	53726	1.82	
116 Dibenzofuran	168	8.876	8.876	0.0	81	200716	1.82	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.935	-0.005	71	38744	1.87	
121 Diethyl phthalate	149	9.026	9.031	-0.005	93	168689	1.95	
123 4-Chlorophenyl phenyl ether	204	9.149	9.154	-0.005	93	100991	1.91	
125 4-Nitroaniline	138	9.159	9.165	-0.006	79	40115	2.00	
126 Fluorene	166	9.170	9.170	0.0	75	173519	1.87	
128 4,6-Dinitro-2-methylphenol	198	9.186	9.186	0.0	58	23967	2.10	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	94	122786	1.91	
132 1,2-Diphenylhydrazine	77	9.288	9.288	0.0	99	283592	1.83	
133 Azobenzene	77	9.288	9.288	0.0	94	283271	1.82	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	65	53626	2.01	
141 Hexachlorobenzene	284	9.635	9.640	-0.005	76	53877	2.05	
142 Atrazine	200	9.672	9.677	-0.005	74	37299	1.96	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.795	9.795	0.0	81	62084	4.11	
148 Phenanthrene	178	9.993	9.993	0.0	83	252247	1.90	
149 Anthracene	178	10.035	10.035	0.0	83	243529	1.90	
151 Carbazole	167	10.158	10.158	0.0	80	225140	1.86	
154 Di-n-butyl phthalate	149	10.409	10.409	0.0	99	283586	1.89	
159 Fluoranthene	202	11.018	11.018	0.0	78	273581	1.93	
160 Benzidine	184	11.115	11.115	0.0	82	102835	2.03	M
161 Pyrene	202	11.243	11.243	0.0	94	281155	1.85	
168 Butyl benzyl phthalate	149	11.857	11.857	0.0	86	119864	1.89	
172 3,3'-Dimethoxybenzidine	244	12.498	12.498	0.0	70	51490	1.96	M
175 3,3'-Dichlorobenzidine	252	12.546	12.546	0.0	67	83858	1.77	
174 4,4'-Methylene bis(2-chloroanili	231	12.546	12.546	0.0	68	45735	1.79	
173 Bis(2-ethylhexyl) phthalate	149	12.562	12.568	-0.006	90	170009	1.85	
177 Benzo[a]anthracene	228	12.610	12.610	0.0	84	264820	1.89	
178 Chrysene	228	12.658	12.658	0.0	78	244544	1.89	
180 Di-n-octyl phthalate	149	13.519	13.518	0.001	96	266898	2.03	
182 Benzo[b]fluoranthene	252	14.181	14.181	0.0	79	225736	1.90	
183 Benzo[k]fluoranthene	252	14.224	14.229	-0.005	83	220147	1.87	
184 Benzo[a]pyrene	252	14.699	14.704	-0.005	74	201880	1.89	
188 Indeno[1,2,3-cd]pyrene	276	16.537	16.542	-0.005	86	215853	1.84	
189 Dibenz(a,h)anthracene	278	16.574	16.574	0.0	71	188049	1.90	
190 Benzo[g,h,i]perylene	276	17.034	17.034	0.0	80	184535	1.90	
S 191 Methyl Phenols,Total	100				0		3.81	

QC Flag Legend

Review Flags
M - Manually Integrated

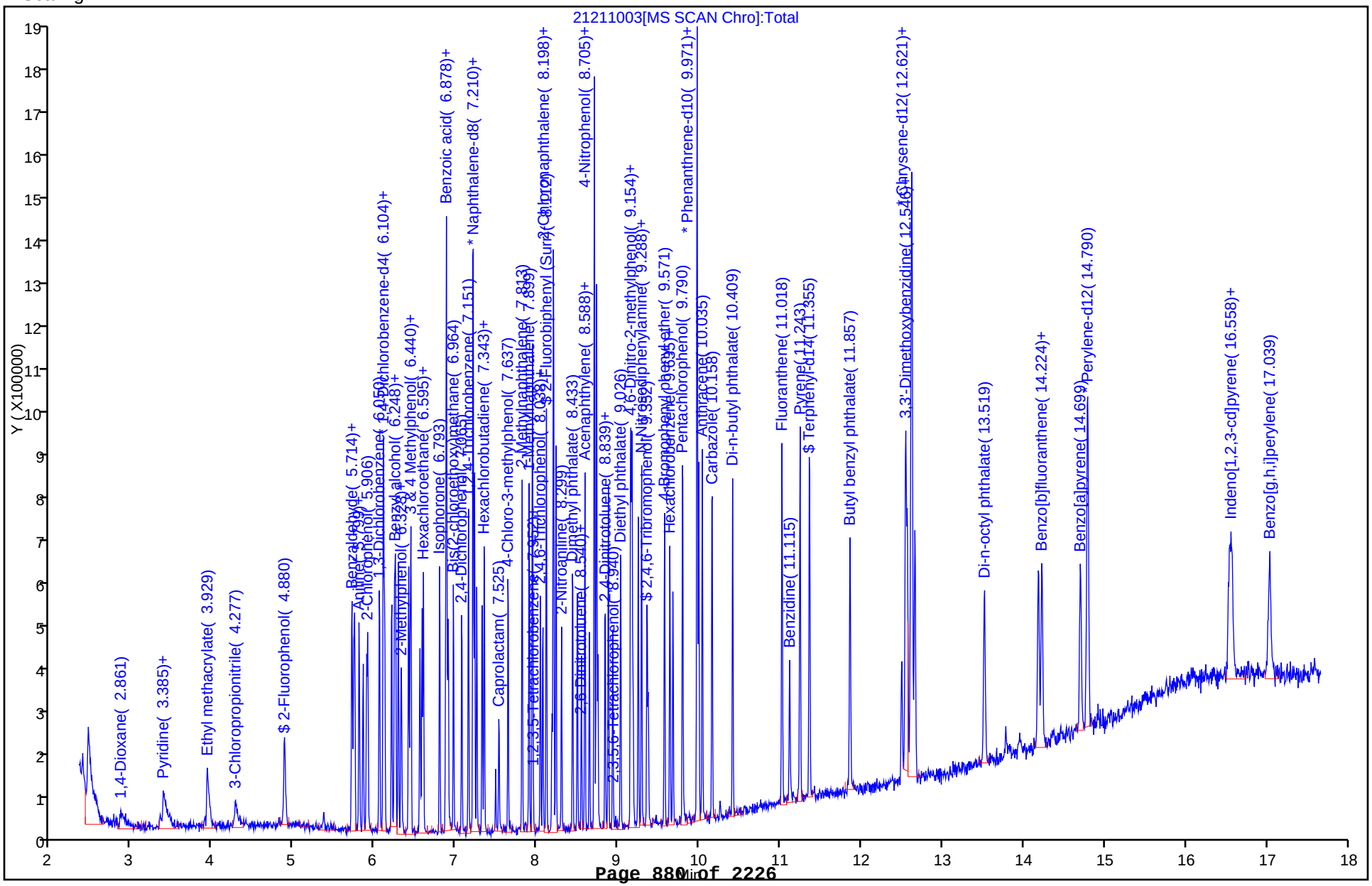
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TestAmerica Canton

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Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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

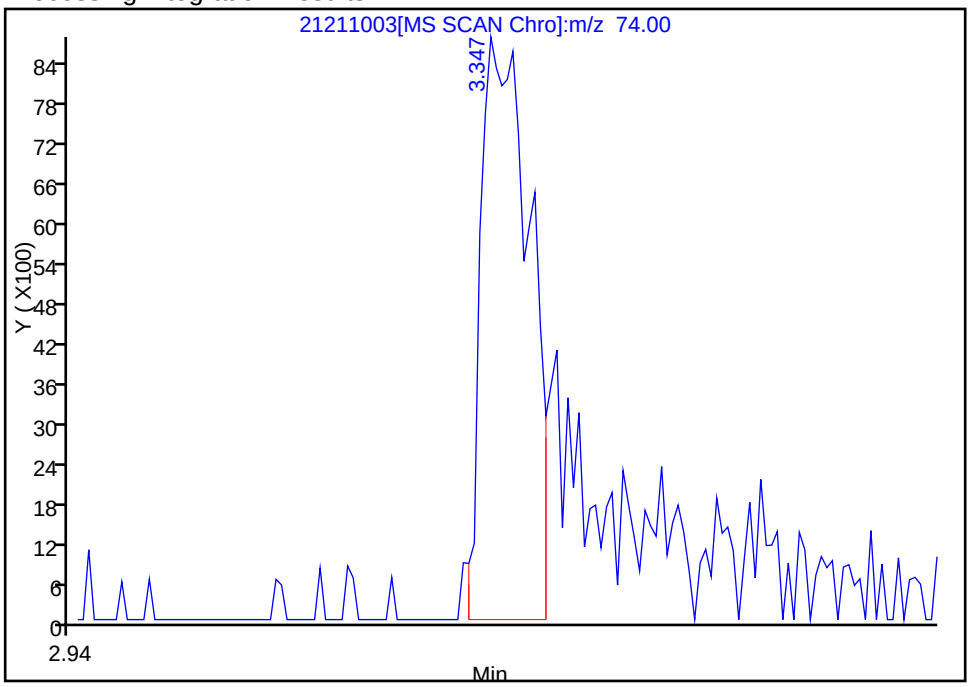
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.34

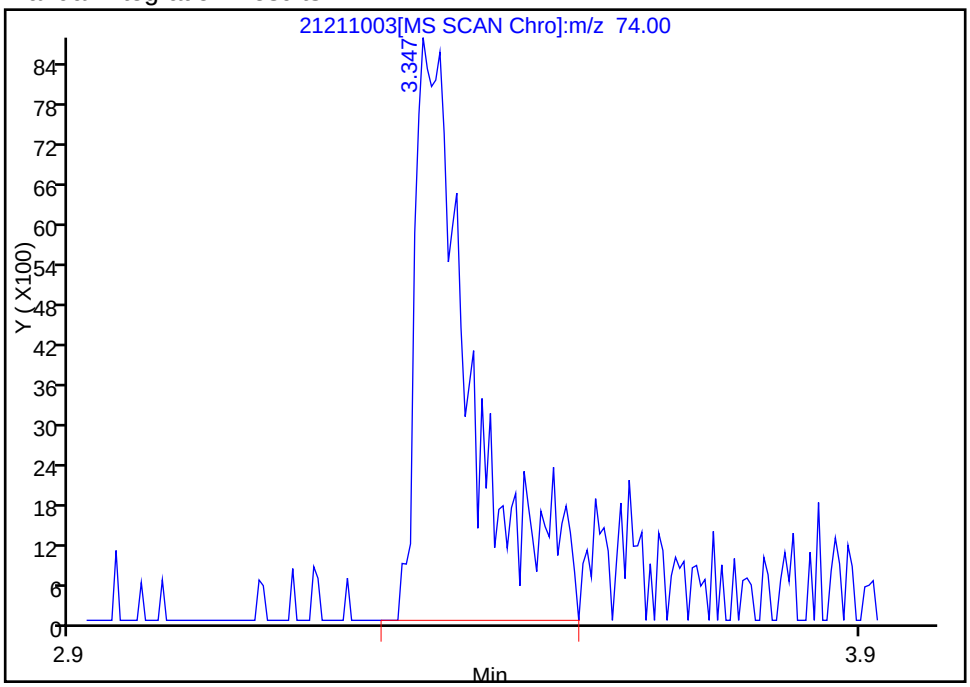
Processing Integration Results

RT: 3.35
Response: 28748
Amount: 1.606982



Manual Integration Results

RT: 3.35
Response: 43719
Amount: 1.986507



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

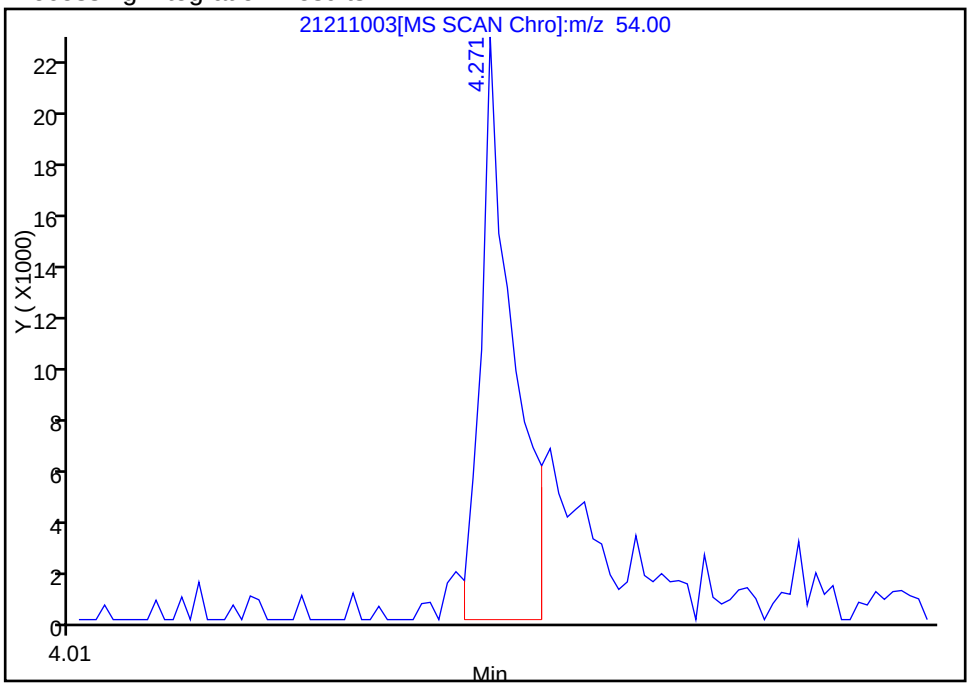
TestAmerica Canton

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Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.27

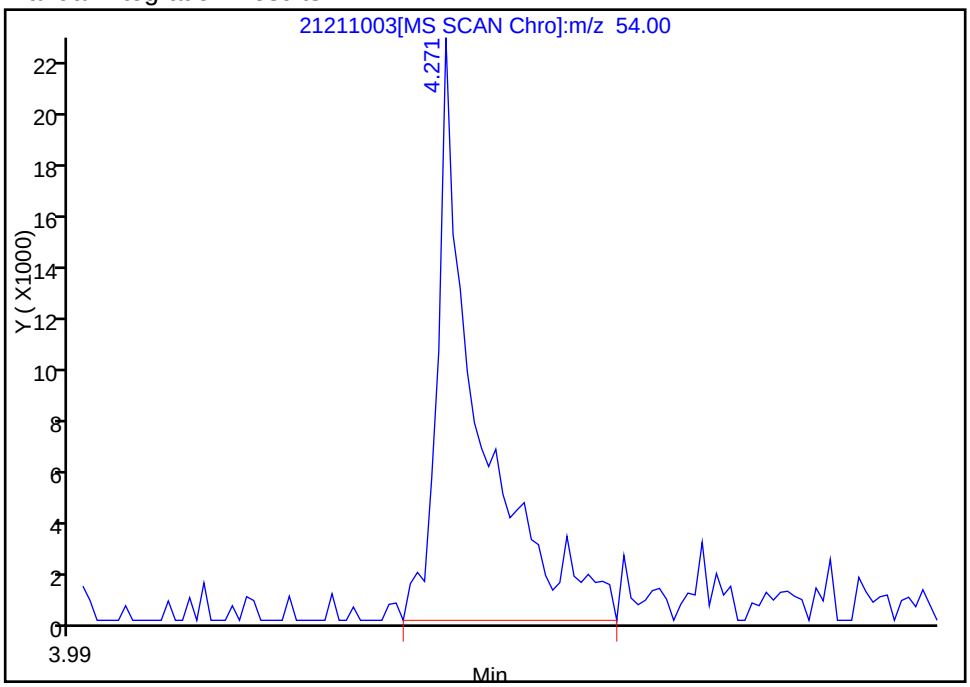
Processing Integration Results

RT: 4.27
Response: 30742
Amount: 1.717090



Manual Integration Results

RT: 4.27
Response: 46645
Amount: 2.011777



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

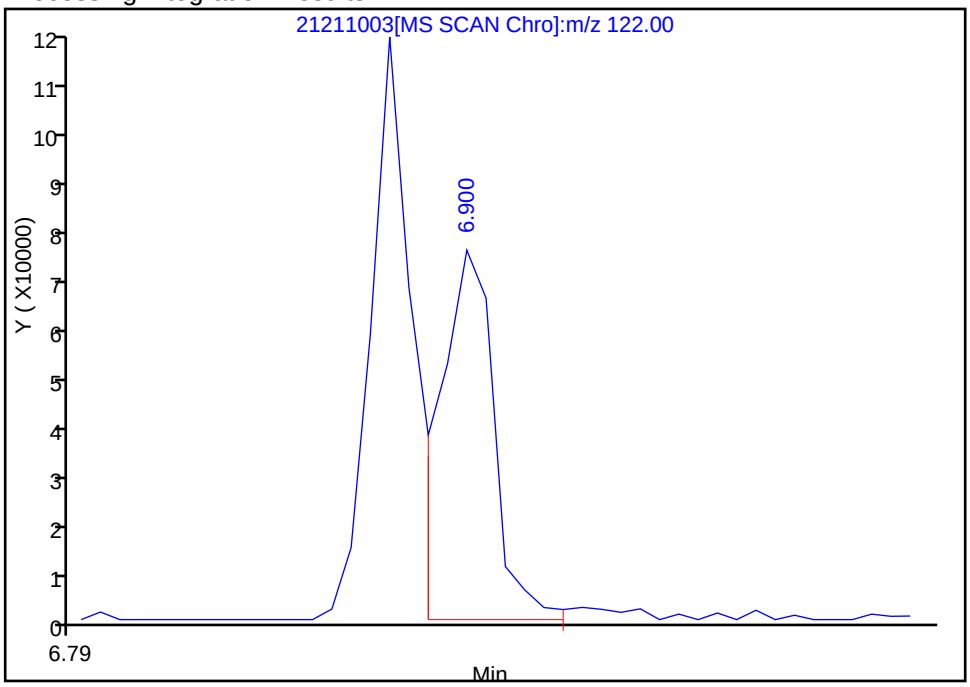
TestAmerica Canton

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Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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: 6.92

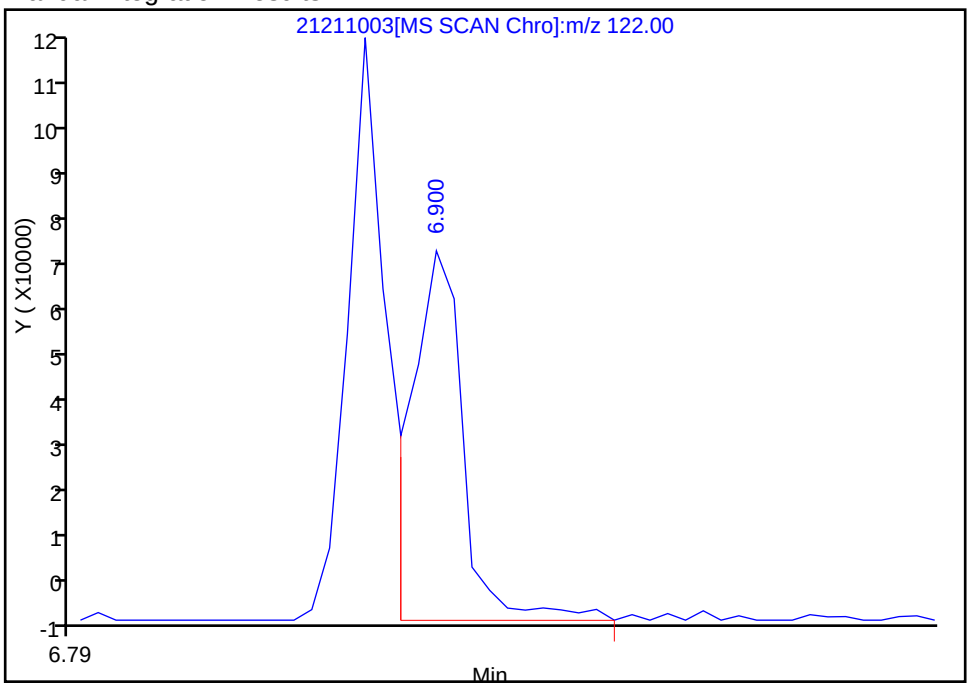
Processing Integration Results

RT: 6.90
Response: 74884
Amount: 3.558435



Manual Integration Results

RT: 6.90
Response: 77484
Amount: 3.984429



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

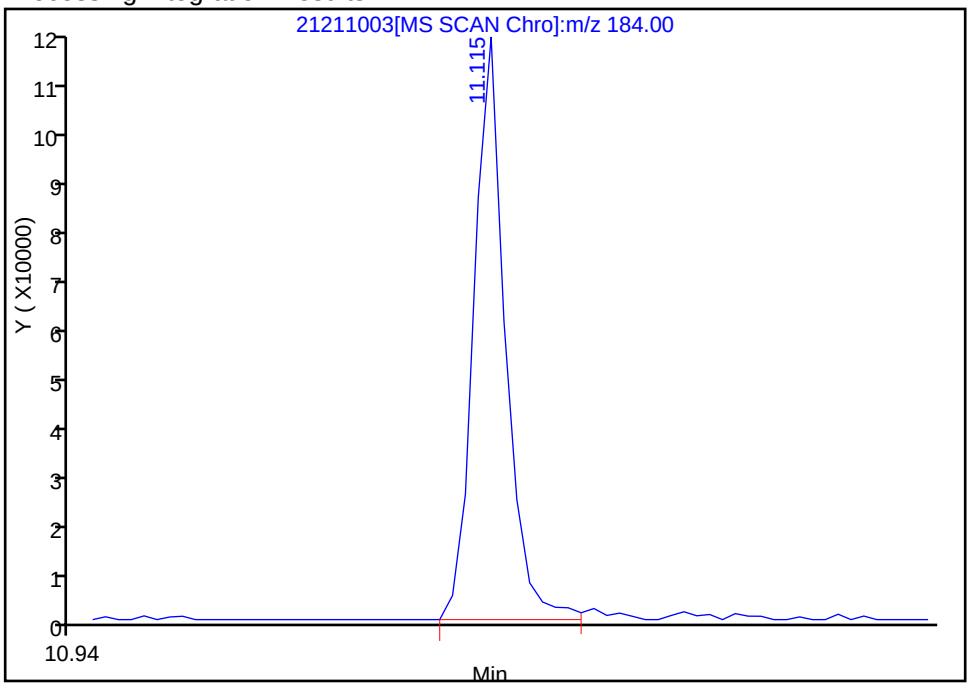
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Signal: 1, m/z: 184.0 Type: quant, RT: 11.11

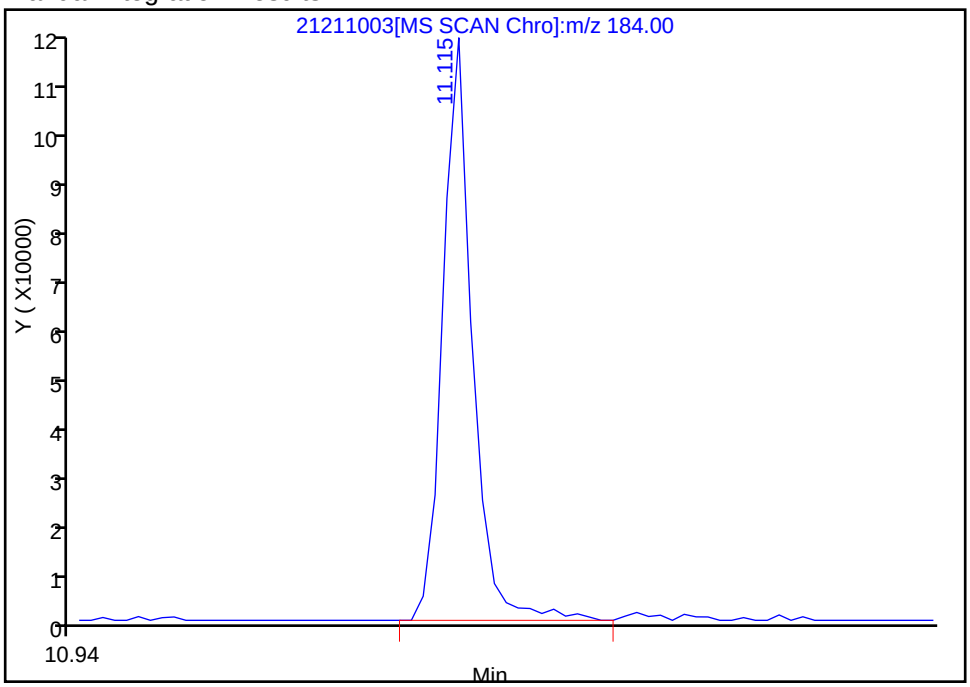
Processing Integration Results

RT: 11.11
Response: 101299
Amount: 1.813856



Manual Integration Results

RT: 11.11
Response: 102835
Amount: 2.033633



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

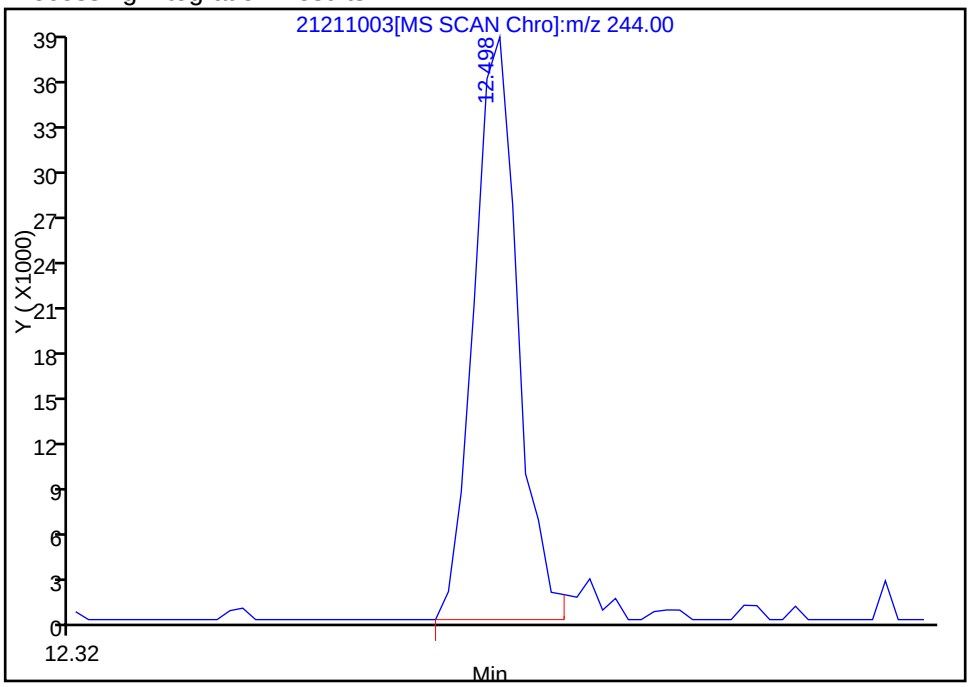
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

172 3,3'-Dimethoxybenzidine, Signal: 1, m/z: 244.0 Type: quant, RT: 12.50

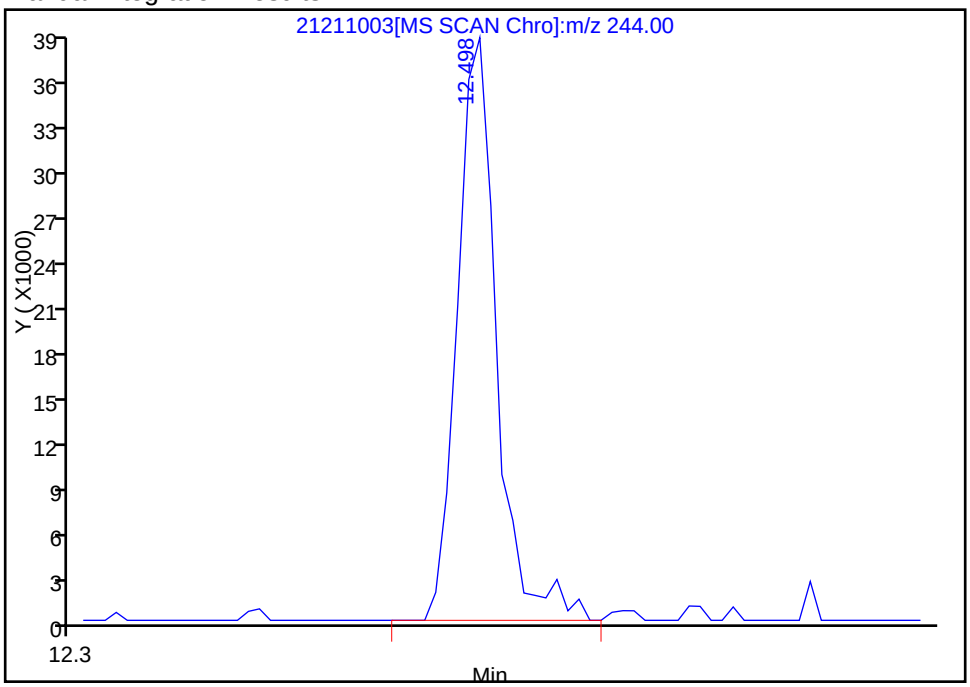
Processing Integration Results

RT: 12.50
Response: 49487
Amount: 1.738046



Manual Integration Results

RT: 12.50
Response: 51490
Amount: 1.955655



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	11-Dec-2012 12:59:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015722-004		
Misc. Info.:	STD3 TCL =STD3 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	68161	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:57	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 13:36:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.098	0.001	93	115119	4.00	
* 2 Naphthalene-d8	136	7.205	7.209	-0.004	98	469976	4.00	
* 3 Acenaphthene-d10	164	8.706	8.705	0.001	74	287823	4.00	
* 4 Phenanthrene-d10	188	9.972	9.971	0.001	77	499607	4.00	
* 5 Chrysene-d12	240	12.622	12.626	-0.004	79	495911	4.00	
* 6 Perylene-d12	264	14.785	14.790	-0.005	80	381755	4.00	
$ 7 2-Fluorophenol	112	4.881	4.880	0.001	75	43653	1.04	
$ 8 Phenol-d5	99	5.736	5.735	0.001	0	58355	0.9569	
$ 9 Nitrobenzene-d5	82	6.580	6.579	0.001	85	77136	0.9676	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.112	0.001	93	108590	0.9795	
$ 11 2,4,6-Tribromophenol	330	9.368	9.373	-0.005	26	8131	0.9323	
$ 12 Terphenyl-d14	244	11.361	11.360	0.001	93	99259	1.00	
25 1,4-Dioxane	88	2.862	2.861	0.001	75	30839	1.18	M
26 N-Nitrosodimethylamine	74	3.412	3.336	0.076	57	21097	1.22	M
27 Pyridine	79	3.396	3.390	0.006	80	56684	1.04	M
28 Ethyl methacrylate	69	3.925	3.929	-0.004	73	47792	0.9472	
29 3-Chloropropionitrile	54	4.288	4.266	0.022	72	20189	0.9006	M
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	89	62939	1.03	
43 Phenol	94	5.746	5.746	0.0	86	64072	0.9213	
44 Aniline	93	5.800	5.799	0.001	96	84494	1.00	
69 Bis(2-chloroethyl)ether	93	5.853	5.853	0.0	88	60339	0.9444	
46 2-Chlorophenol	128	5.907	5.906	0.001	78	37973	0.9731	
47 1,3-Dichlorobenzene	146	6.051	6.050	0.001	79	50769	0.9884	
48 1,4-Dichlorobenzene	146	6.115	6.114	0.001	76	42786	0.9856	
49 Benzyl alcohol	108	6.200	6.200	0.0	86	29372	0.9760	
50 1,2-Dichlorobenzene	146	6.248	6.253	-0.005	85	49463	1.01	
51 2-Methylphenol	108	6.286	6.285	0.001	89	42991	0.9856	
53 2,2'-oxybis[1-chloropropane]	45	6.318	6.323	-0.005	93	61301	0.9737	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.409	6.413	-0.004	87	42548	0.9103	
57 N-Nitrosodi-n-propylamine	70	6.430	6.429	0.001	64	45267	0.9740	
58 Acetophenone	105	6.441	6.440	0.001	84	66035	0.9440	
61 Hexachloroethane	117	6.553	6.552	0.001	83	23112	1.03	
62 Nitrobenzene	77	6.596	6.595	0.001	72	81480	0.9566	
64 Isophorone	82	6.793	6.793	0.0	94	114416	0.9225	
66 2-Nitrophenol	139	6.868	6.868	0.0	73	17955	0.8790	
67 1,3,5-Trichlorobenzene	180	6.879	6.878	0.001	79	45751	1.01	
65 2,4-Dimethylphenol	107	6.879	6.878	0.001	93	51557	0.9647	
71 Benzoic acid	122	6.895	6.916	-0.021	63	33528	2.34	M
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	97	78774	0.9648	
73 2,4-Dichlorophenol	162	7.066	7.071	-0.005	77	27783	0.8931	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	80	42809	0.9611	
75 Naphthalene	128	7.226	7.225	0.001	79	112488	0.9386	
76 4-Chloroaniline	127	7.253	7.252	0.001	82	50089	1.03	
79 Hexachlorobutadiene	225	7.317	7.322	-0.005	82	25226	1.03	
80 1,2,3-Trichlorobenzene	180	7.344	7.343	0.001	78	40814	0	
84 Caprolactam	113	7.525	7.530	-0.005	74	10563	0.8699	
86 4-Chloro-3-methylphenol	107	7.637	7.637	0.0	78	43136	0.9367	
87 2-Methylnaphthalene	142	7.814	7.813	0.001	86	79860	0.99	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	79	70721	0.9561	
89 Hexachlorocyclopentadiene	237	7.942	7.941	0.001	69	23984	0.8770	
90 1,2,3,5-Tetrachlorobenzene	216	7.942	7.941	0.001	81	41082	0.9455	
92 2,4,6-Trichlorophenol	196	8.038	8.037	0.001	82	21437	0.9038	
93 2,4,5-Trichlorophenol	196	8.070	8.070	0.0	83	22511	0.8916	
97 2,4-Toluene diamine	121	8.177	8.182	-0.005	87	27766	1.07	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	84	43090	0	
98 1,1'-Biphenyl	154	8.204	8.203	0.001	92	95746	0.9714	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	91	84244	0.9462	
102 2-Nitroaniline	65	8.300	8.299	0.001	53	32158	0.9505	
105 Dimethyl phthalate	163	8.433	8.438	-0.005	91	81185	0.9417	
107 2,6-Dinitrotoluene	165	8.498	8.497	0.001	67	16380	1.03	
108 1,2-Dinitrobenzene	168	8.546	8.545	0.001	70	9345	1.08	
109 Acenaphthylene	152	8.588	8.588	0.0	86	114559	0.9141	
110 3-Nitroaniline	138	8.642	8.646	-0.004	85	18300	0.9076	
112 Acenaphthene	153	8.733	8.732	0.001	89	75926	0.9391	
111 2,4-Dinitrophenol	184	8.727	8.732	-0.005	53	12302	2.03	
113 4-Nitrophenol	109	8.749	8.748	0.001	73	14501	0.9066	
114 2,4-Dinitrotoluene	165	8.834	8.839	-0.005	66	24218	0.8214	
116 Dibenzofuran	168	8.877	8.876	0.001	83	109591	1.00	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.935	-0.005	67	17811	0.8597	
121 Diethyl phthalate	149	9.026	9.031	-0.005	92	78871	0.9147	
123 4-Chlorophenyl phenyl ether	204	9.149	9.154	-0.005	85	50721	0.9595	
125 4-Nitroaniline	138	9.160	9.165	-0.005	70	18667	1.02	
126 Fluorene	166	9.171	9.170	0.001	69	88146	0.9516	
128 4,6-Dinitro-2-methylphenol	198	9.181	9.186	-0.005	5	7846	1.14	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	92	60778	0.9172	
132 1,2-Diphenylhydrazine	77	9.288	9.288	0.0	100	141953	0.8873	
133 Azobenzene	77	9.288	9.288	0.0	94	141953	0.8873	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	67	27827	1.01	
141 Hexachlorobenzene	284	9.635	9.640	-0.005	74	24818	0.9153	
142 Atrazine	200	9.678	9.677	0.001	72	19459	0.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.796	9.795	0.001	75	28068	2.04	
148 Phenanthrene	178	9.993	9.993	0.0	80	125048	0.9157	
149 Anthracene	178	10.036	10.035	0.001	83	120020	0.9107	
151 Carbazole	167	10.159	10.158	0.001	86	115146	0.9245	
154 Di-n-butyl phthalate	149	10.410	10.409	0.001	98	131040	0.8501	
159 Fluoranthene	202	11.019	11.018	0.001	83	133695	0.9148	
160 Benzidine	184	11.115	11.115	0.0	79	45984	1.22	
161 Pyrene	202	11.243	11.243	0.0	90	138459	0.9306	
168 Butyl benzyl phthalate	149	11.858	11.857	0.001	82	51917	0.8345	
172 3,3'-Dimethoxybenzidine	244	12.493	12.498	-0.005	61	20791	0.9398	
175 3,3'-Dichlorobenzidine	252	12.547	12.546	0.001	62	40305	0.8667	
174 4,4'-Methylene bis(2-chloroanili	231	12.542	12.546	-0.004	69	24350	0.9727	
173 Bis(2-ethylhexyl) phthalate	149	12.563	12.568	-0.005	94	78234	0.8709	
177 Benzo[a]anthracene	228	12.606	12.610	-0.004	85	134671	0.9805	
178 Chrysene	228	12.659	12.658	0.001	81	122111	0.9640	
180 Di-n-octyl phthalate	149	13.514	13.518	-0.004	94	119798	1.01	
182 Benzo[b]fluoranthene	252	14.182	14.181	0.001	84	113357	0.9568	
183 Benzo[k]fluoranthene	252	14.219	14.229	-0.010	81	113456	0.9659	
184 Benzo[a]pyrene	252	14.700	14.704	-0.004	73	97653	0.9189	
188 Indeno[1,2,3-cd]pyrene	276	16.543	16.542	0.001	80	102960	0.8795	
189 Dibenz(a,h)anthracene	278	16.569	16.574	-0.005	61	91187	0.9232	
190 Benzo[g,h,i]perylene	276	17.024	17.034	-0.010	69	92408	0.9525	M
S 191 Methyl Phenols,Total	100				0		1.90	

QC Flag Legend

Review Flags
M - Manually Integrated

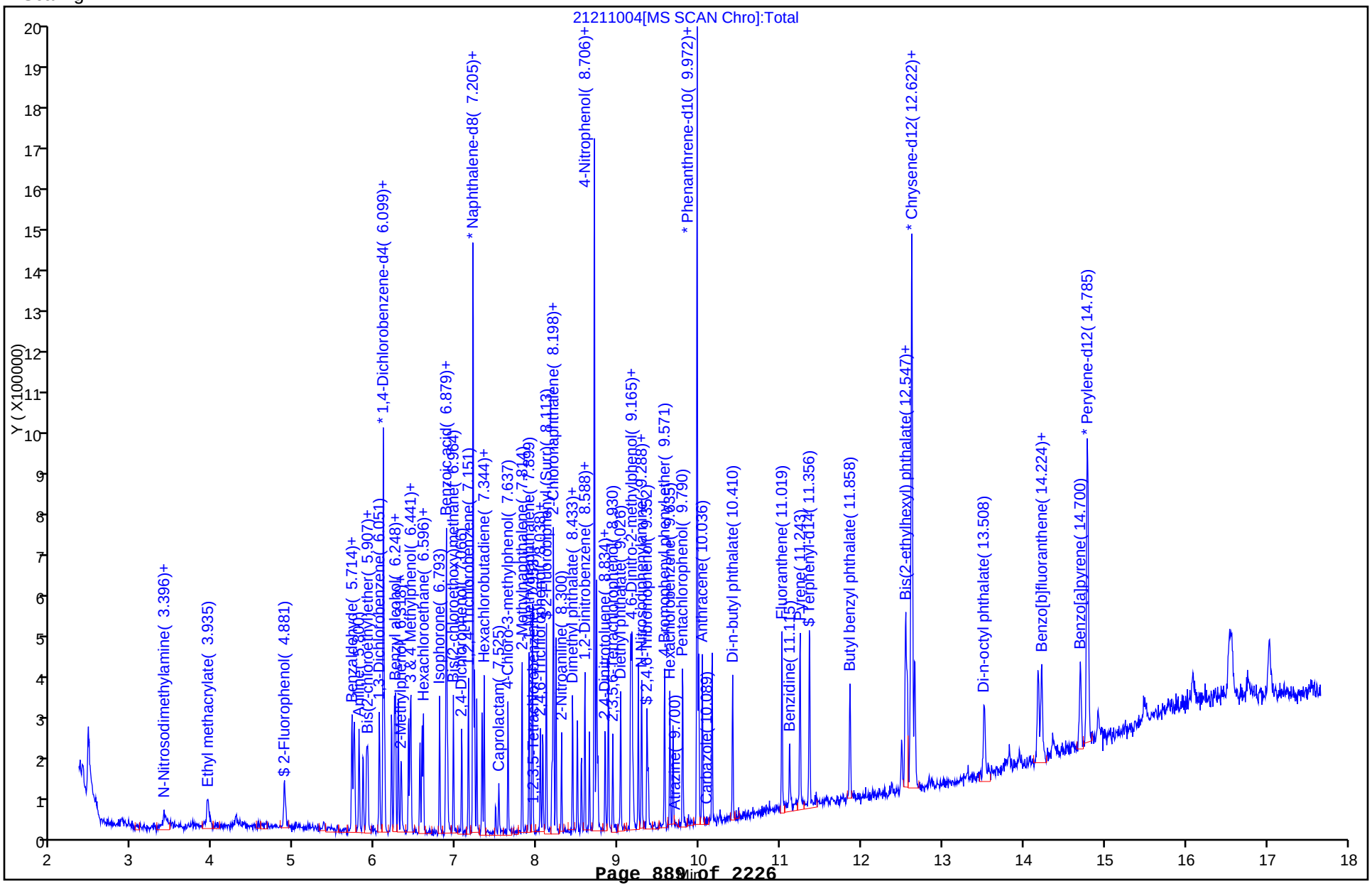
Report Date: 12-Dec-2012 07:42:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D

Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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

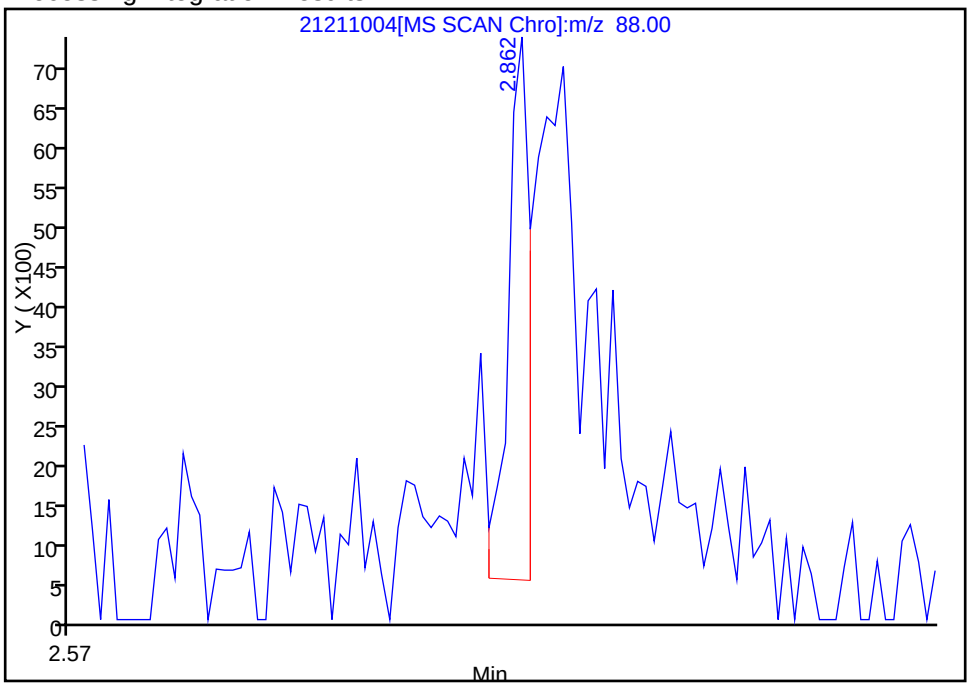
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.86

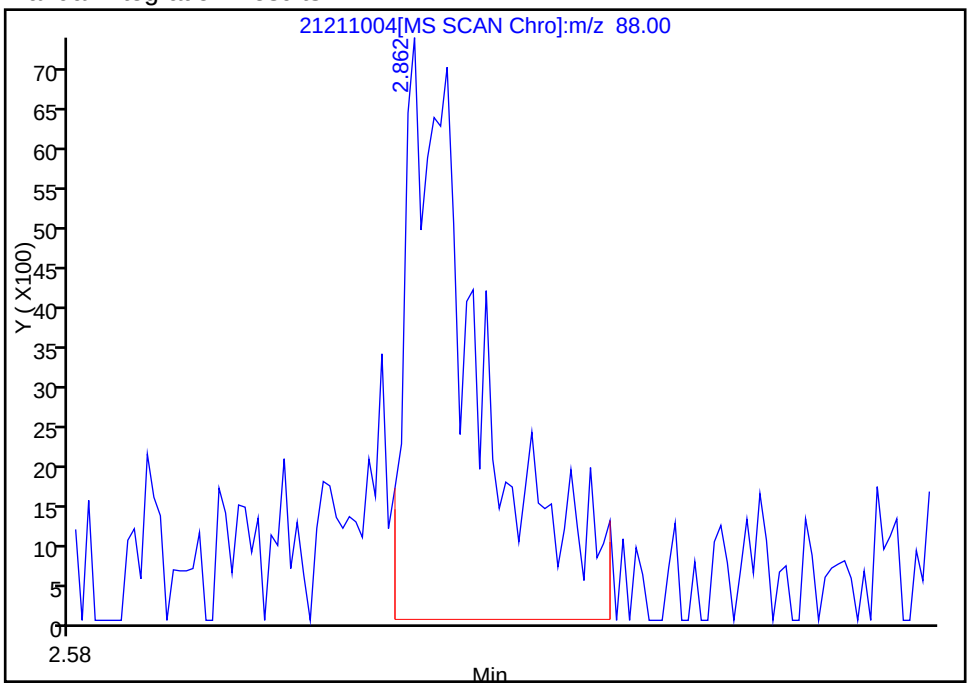
Processing Integration Results

RT: 2.86
Response: 6660
Amount: 0.409152



Manual Integration Results

RT: 2.86
Response: 30839
Amount: 1.180906



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

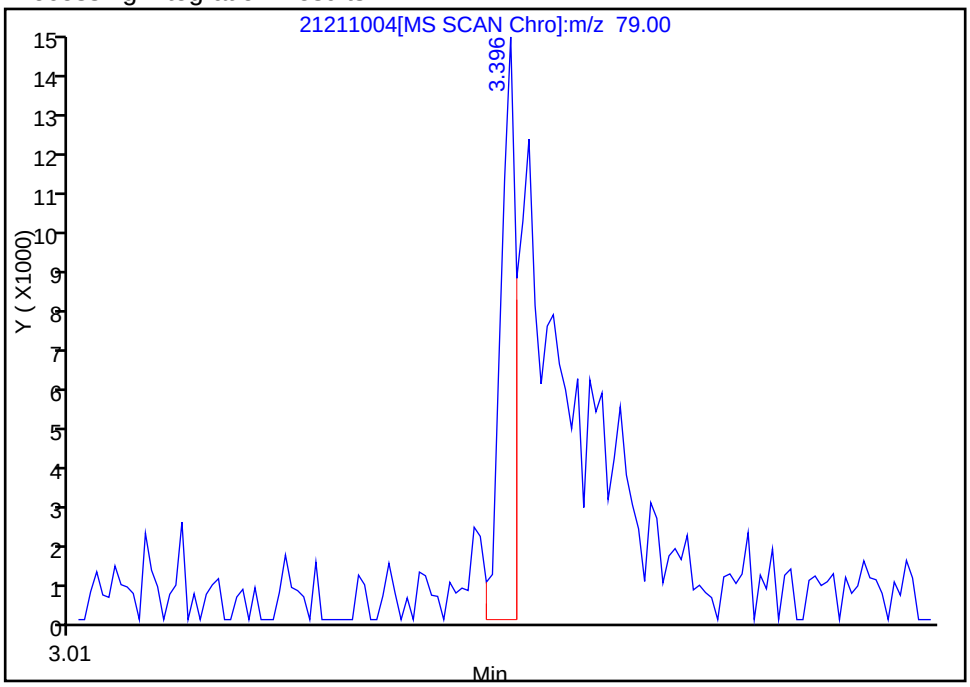
TestAmerica Canton

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Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.39

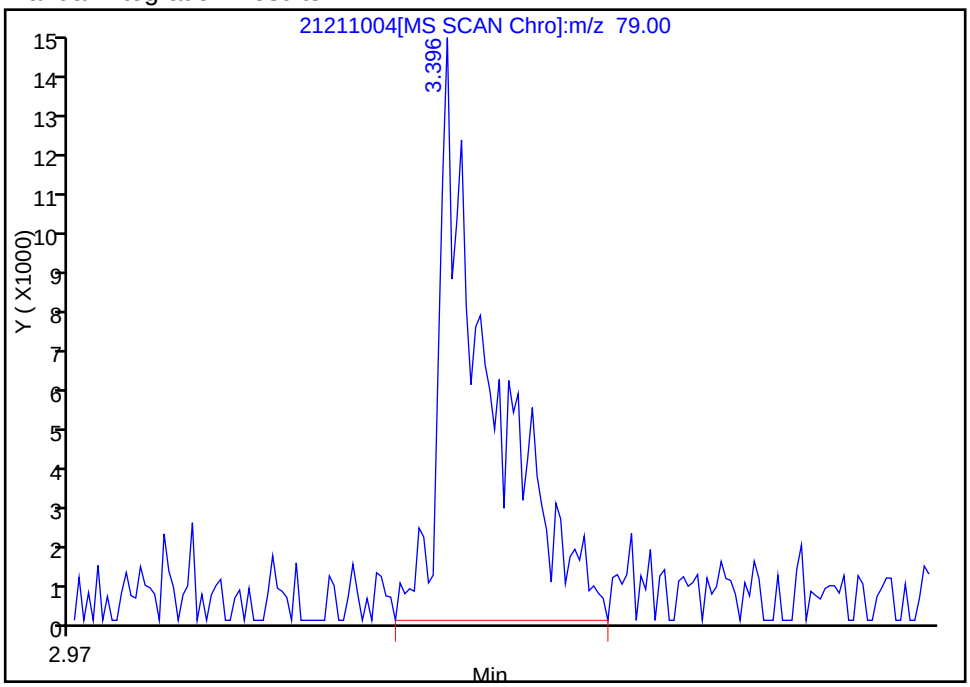
Processing Integration Results

RT: 3.40
Response: 13230
Amount: 0.365174



Manual Integration Results

RT: 3.40
Response: 56684
Amount: 1.036948



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

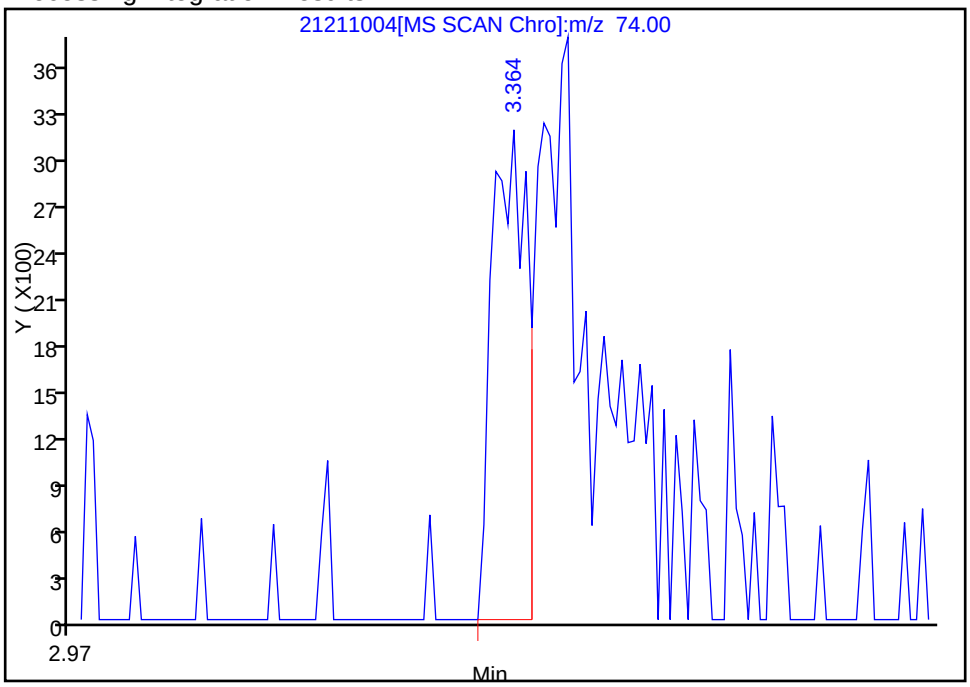
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.34

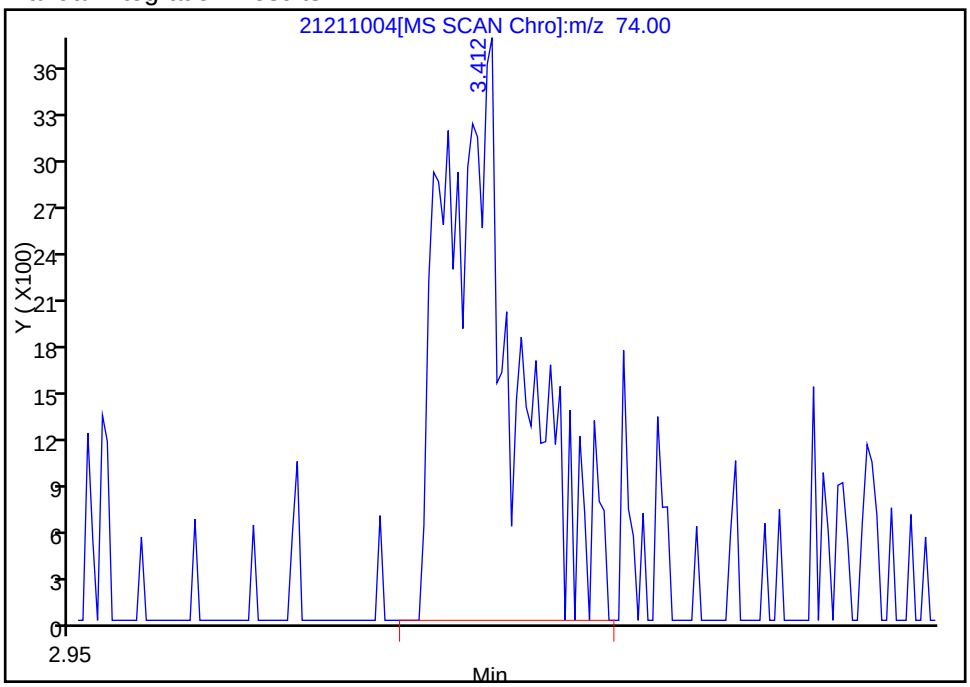
Processing Integration Results

RT: 3.36
Response: 6772
Amount: 0.418021



Manual Integration Results

RT: 3.41
Response: 21097
Amount: 1.217173



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

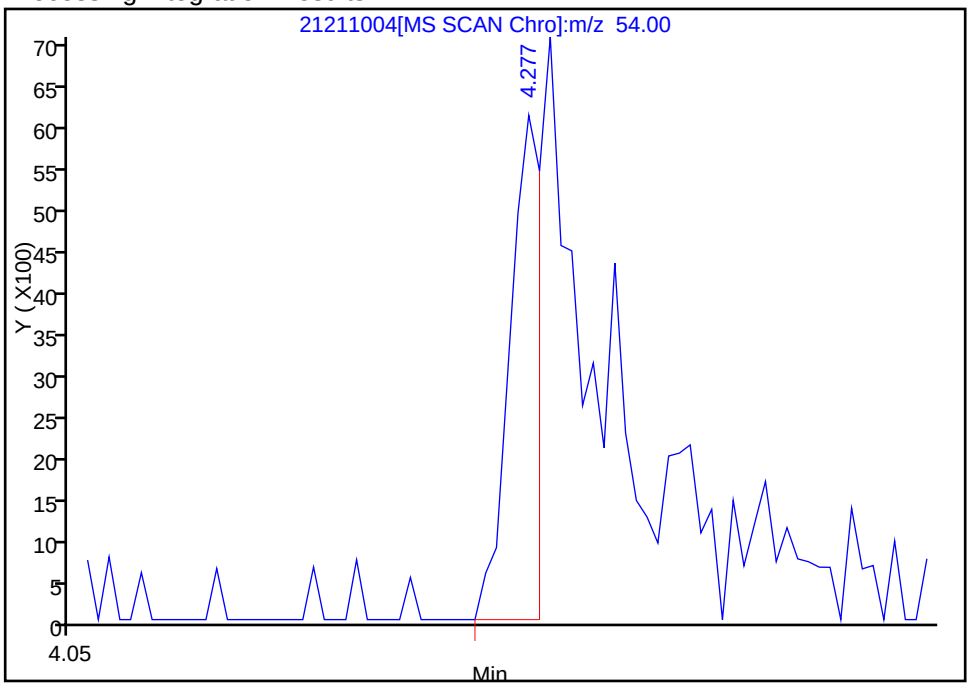
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.27

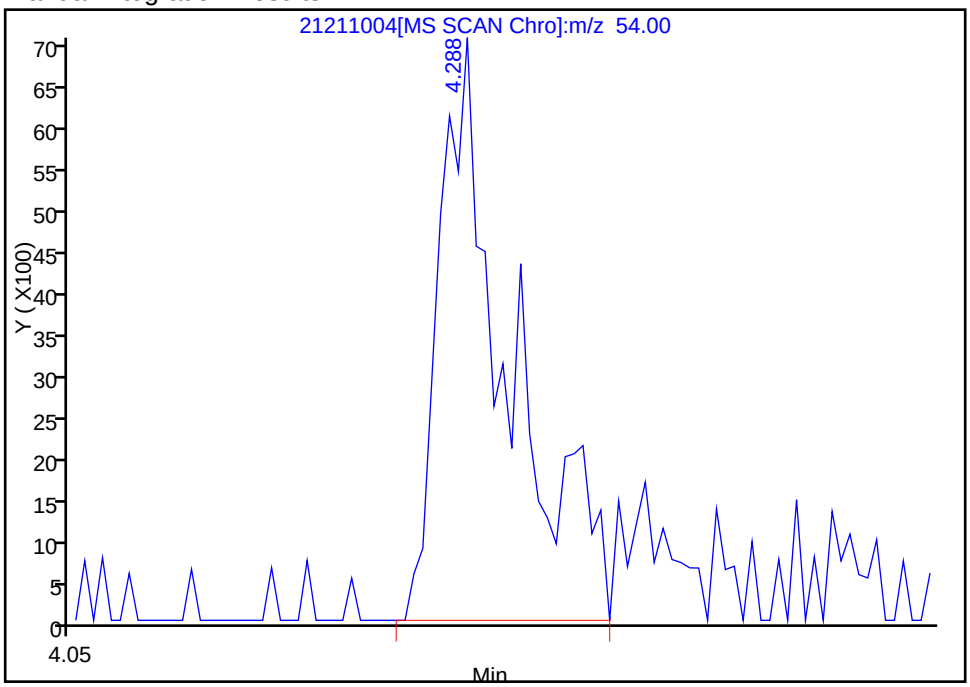
Processing Integration Results

RT: 4.28
Response: 6631
Amount: 0.406500



Manual Integration Results

RT: 4.29
Response: 20189
Amount: 0.900634



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

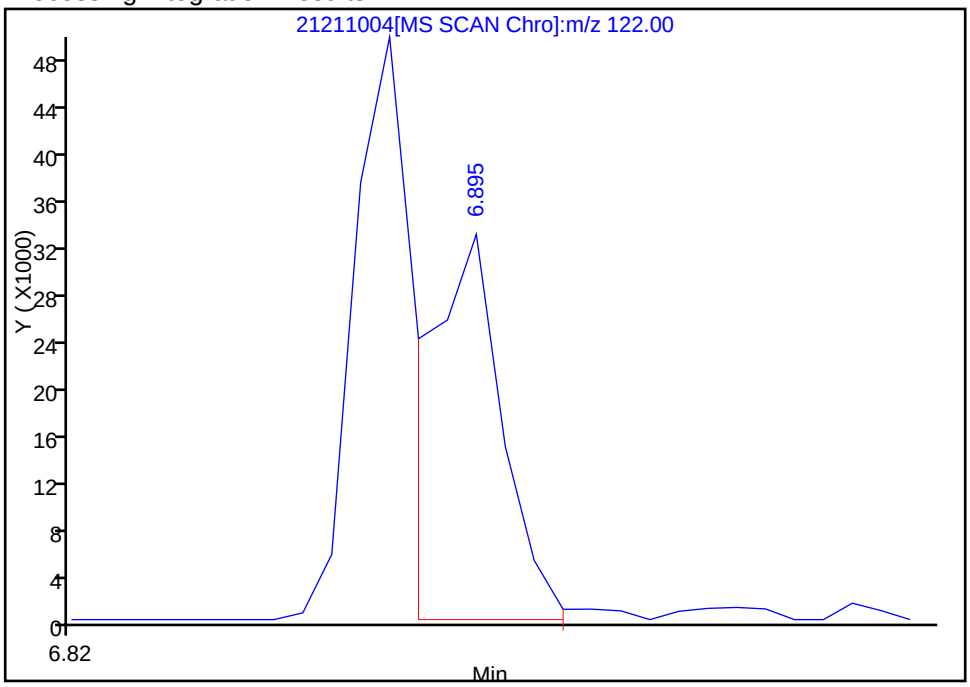
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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: 6.92

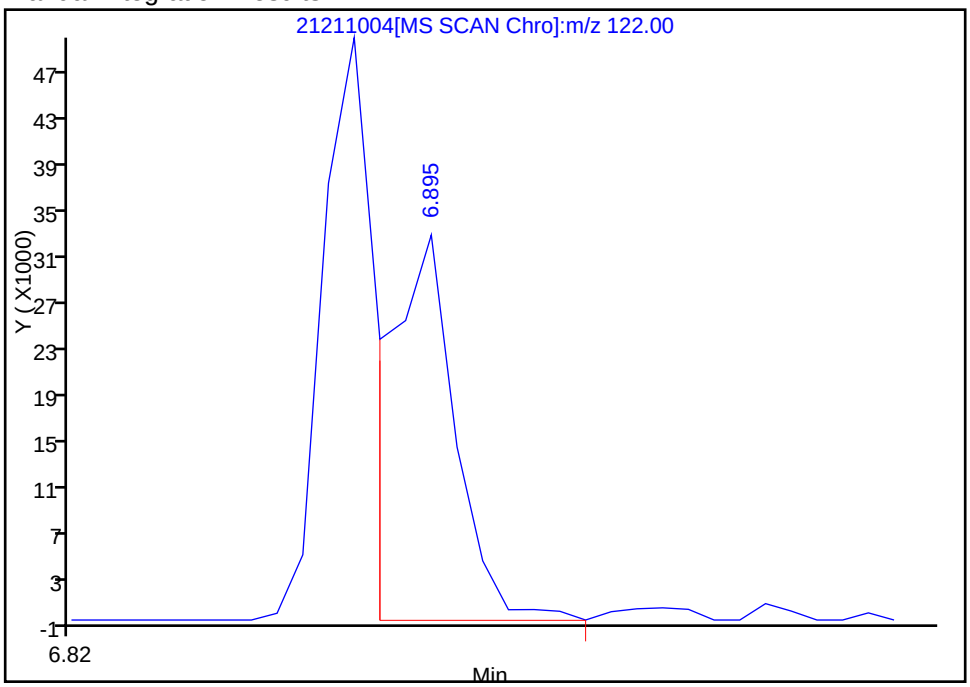
Processing Integration Results

RT: 6.89
Response: 32928
Amount: 1.683453



Manual Integration Results

RT: 6.89
Response: 33528
Amount: 2.342890



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

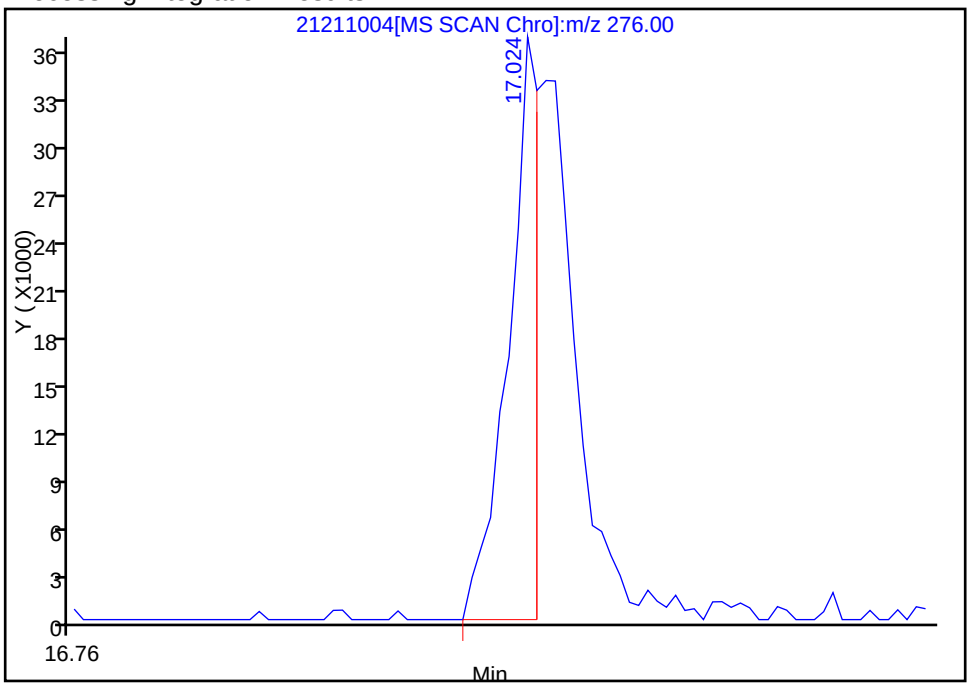
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
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: 17.03

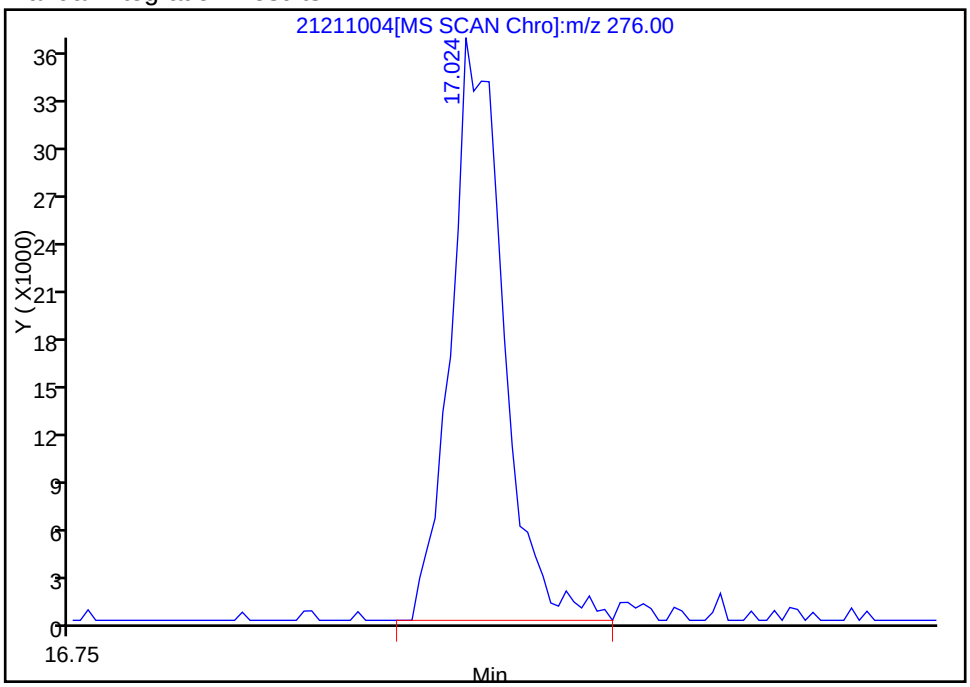
Processing Integration Results

RT: 17.02
Response: 44363
Amount: 0.579652



Manual Integration Results

RT: 17.02
Response: 92408
Amount: 0.952516



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	11-Dec-2012 13:24:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015722-005		
Misc. Info.:	STD2 TCL =STD2 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	68161	Lims Sample ID:	5
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:59	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 14:12:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.101	6.098	0.003	94	123446	4.00	
* 2 Naphthalene-d8	136	7.207	7.209	-0.002	99	509508	4.00	
* 3 Acenaphthene-d10	164	8.703	8.705	-0.002	67	311244	4.00	
* 4 Phenanthrene-d10	188	9.969	9.971	-0.002	76	529489	4.00	
* 5 Chrysene-d12	240	12.619	12.626	-0.007	74	520523	4.00	
* 6 Perylene-d12	264	14.787	14.790	-0.003	77	398368	4.00	
$ 7 2-Fluorophenol	112	4.878	4.880	-0.002	53	23155	0.5132	
$ 8 Phenol-d5	99	5.733	5.735	-0.002	0	30599	0.4679	
$ 9 Nitrobenzene-d5	82	6.577	6.579	-0.002	74	45605	0.5277	
$ 10 2-Fluorobiphenyl (Surr)	172	8.110	8.112	-0.002	92	54056	0.4509	
$ 11 2,4,6-Tribromophenol	330	9.371	9.373	-0.002	16	3860	0.4093	
$ 12 Terphenyl-d14	244	11.358	11.360	-0.002	88	46676	0.4464	
25 1,4-Dioxane	88		2.861					
26 N-Nitrosodimethylamine	74	3.366	3.336	0.030	54	8001	0.7180	M
27 Pyridine	79	3.409	3.390	0.019	61	30320	0.5172	M
28 Ethyl methacrylate	69	3.932	3.929	0.003	40	30622	0.5659	M
29 3-Chloropropionitrile	54	4.280	4.266	0.014	0	9776	0.4067	M
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.711	5.714	-0.003	90	34609	0.5267	
43 Phenol	94	5.743	5.746	-0.003	77	39940	0.5356	
44 Aniline	93	5.802	5.799	0.003	90	39983	0.4428	
69 Bis(2-chloroethyl)ether	93	5.850	5.853	-0.003	81	36040	0.5261	
46 2-Chlorophenol	128	5.909	5.906	0.003	74	19963	0.4771	
47 1,3-Dichlorobenzene	146	6.053	6.050	0.003	84	27144	0.4928	
48 1,4-Dichlorobenzene	146	6.117	6.114	0.003	64	26533	0.5700	
49 Benzyl alcohol	108	6.203	6.200	0.003	83	15908	0.4929	
50 1,2-Dichlorobenzene	146	6.251	6.253	-0.002	76	26043	0.4960	
51 2-Methylphenol	108	6.283	6.285	-0.002	83	20570	0.4398	
53 2,2'-oxybis[1-chloropropane]	45	6.320	6.323	-0.003	94	34511	0.5112	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.411	6.413	-0.002	75	25633	0.5114	
57 N-Nitrosodi-n-propylamine	70	6.432	6.429	0.003	66	24098	0.4835	
58 Acetophenone	105	6.443	6.440	0.003	92	37488	0.4998	
61 Hexachloroethane	117	6.550	6.552	-0.002	82	12307	0.5125	
62 Nitrobenzene	77	6.593	6.595	-0.002	72	42550	0.4608	
64 Isophorone	82	6.796	6.793	0.003	91	58078	0.4319	
66 2-Nitrophenol	139	6.870	6.868	0.002	86	10248	0.4628	
67 1,3,5-Trichlorobenzene	180	6.881	6.878	0.003	82	24798	0.5033	
65 2,4-Dimethylphenol	107	6.876	6.878	-0.002	89	25915	0.4473	
71 Benzoic acid	122		6.916					9
70 Bis(2-chloroethoxy)methane	93	6.967	6.964	0.003	93	46026	0.5200	
73 2,4-Dichlorophenol	162	7.068	7.071	-0.003	75	16148	0.4788	
74 1,2,4-Trichlorobenzene	180	7.154	7.151	0.003	76	25214	0.5222	
75 Naphthalene	128	7.228	7.225	0.003	79	62287	0.4794	
76 4-Chloroaniline	127	7.255	7.252	0.003	69	23963	0.4541	
79 Hexachlorobutadiene	225	7.319	7.322	-0.003	71	12668	0.4793	
80 1,2,3-Trichlorobenzene	180	7.346	7.343	0.003	77	24101	0	
84 Caprolactam	113	7.528	7.530	-0.002	74	5702	0.4331	
86 4-Chloro-3-methylphenol	107	7.640	7.637	0.003	76	21888	0.4384	
87 2-Methylnaphthalene	142	7.811	7.813	-0.002	79	40926	0.4684	
88 1-Methylnaphthalene	142	7.896	7.899	-0.003	78	34655	0.4322	
89 Hexachlorocyclopentadiene	237	7.944	7.941	0.003	68	14057	0.4753	
90 1,2,3,5-Tetrachlorobenzene	216	7.939	7.941	-0.002	81	23446	0.4990	
92 2,4,6-Trichlorophenol	196	8.040	8.037	0.003	70	11103	0.4329	
93 2,4,5-Trichlorophenol	196	8.067	8.070	-0.003	71	12904	0.4726	
97 2,4-Toluene diamine	121	8.179	8.182	-0.003	84	18793	0.5825	
99 1,2,3,4 -Tetrachlorobenzene	216	8.195	8.198	-0.003	72	23785	0	
98 1,1'-Biphenyl	154	8.201	8.203	-0.002	94	52401	0.4916	
100 2-Chloronaphthalene	162	8.227	8.230	-0.003	91	49186	0.5109	
102 2-Nitroaniline	65	8.297	8.299	-0.002	50	17298	0.4728	
105 Dimethyl phthalate	163	8.436	8.438	-0.002	89	43777	0.4696	
107 2,6-Dinitrotoluene	165	8.494	8.497	-0.003	59	9247	0.6814	
108 1,2-Dinitrobenzene	168	8.543	8.545	-0.002	51	3297	0.5358	
109 Acenaphthylene	152	8.585	8.588	-0.003	85	61233	0.4518	
110 3-Nitroaniline	138	8.644	8.646	-0.002	69	8141	0.3734	
112 Acenaphthene	153	8.729	8.732	-0.003	84	36987	0.4231	
111 2,4-Dinitrophenol	184		8.732					
113 4-Nitrophenol	109		8.748					
114 2,4-Dinitrotoluene	165	8.836	8.839	-0.003	59	12763	0.4003	
116 Dibenzofuran	168	8.879	8.876	0.003	80	51717	0.4346	
118 2,3,5,6-Tetrachlorophenol	232		8.935					
121 Diethyl phthalate	149	9.029	9.031	-0.002	88	42364	0.4543	
123 4-Chlorophenyl phenyl ether	204	9.152	9.154	-0.002	83	28334	0.4956	
125 4-Nitroaniline	138	9.162	9.165	-0.003	67	8423	0.5205	
126 Fluorene	166	9.168	9.170	-0.002	64	48120	0.4804	
128 4,6-Dinitro-2-methylphenol	198		9.186					9
131 N-Nitrosodiphenylamine	169	9.248	9.245	0.003	78	29892	0.4256	
132 1,2-Diphenylhydrazine	77	9.285	9.288	-0.003	99	69710	0.4111	
133 Azobenzene	77	9.285	9.288	-0.003	92	69710	0.4111	
139 4-Bromophenyl phenyl ether	248	9.568	9.571	-0.003	55	13124	0.4504	
141 Hexachlorobenzene	284	9.638	9.640	-0.002	64	11868	0.4130	
142 Atrazine	200	9.675	9.677	-0.002	64	9350	0.4508	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.793	9.795	-0.002	57	11982	1.07	
148 Phenanthrene	178	9.990	9.993	-0.003	76	67837	0.4687	
149 Anthracene	178	10.033	10.035	-0.002	83	58309	0.4175	
151 Carbazole	167	10.156	10.158	-0.002	79	59370	0.4498	
154 Di-n-butyl phthalate	149	10.407	10.409	-0.002	94	65052	0.3982	
159 Fluoranthene	202	11.021	11.018	0.003	70	67613	0.4365	
160 Benzidine	184		11.115					
161 Pyrene	202	11.240	11.243	-0.003	93	73156	0.4685	
168 Butyl benzyl phthalate	149	11.860	11.857	0.003	72	27087	0.4148	
172 3,3'-Dimethoxybenzidine	244		12.498					9
175 3,3'-Dichlorobenzidine	252	12.544	12.546	-0.002	48	19110	0.3915	
174 4,4'-Methylene bis(2-chloroanili	231	12.538	12.546	-0.008	53	10063	0.3830	
173 Bis(2-ethylhexyl) phthalate	149	12.565	12.568	-0.003	84	35288	0.3742	
177 Benzo[a]anthracene	228	12.608	12.610	-0.002	70	70032	0.4858	
178 Chrysene	228	12.656	12.658	-0.002	73	61788	0.4647	
180 Di-n-octyl phthalate	149	13.516	13.518	-0.002	80	44647	0.4666	
182 Benzo[b]fluoranthene	252	14.178	14.181	-0.003	82	60249	0.4873	
183 Benzo[k]fluoranthene	252	14.221	14.229	-0.008	81	55277	0.4510	
184 Benzo[a]pyrene	252	14.697	14.704	-0.007	62	50271	0.4533	
188 Indeno[1,2,3-cd]pyrene	276	16.534	16.542	-0.008	77	55837	0.4571	
189 Dibenz(a,h)anthracene	278	16.566	16.574	-0.008	55	45334	0.4398	
190 Benzo[g,h,i]perylene	276	17.031	17.034	-0.003	75	45840	0.4528	M
S 191 Methyl Phenols,Total	100				0		0.9512	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

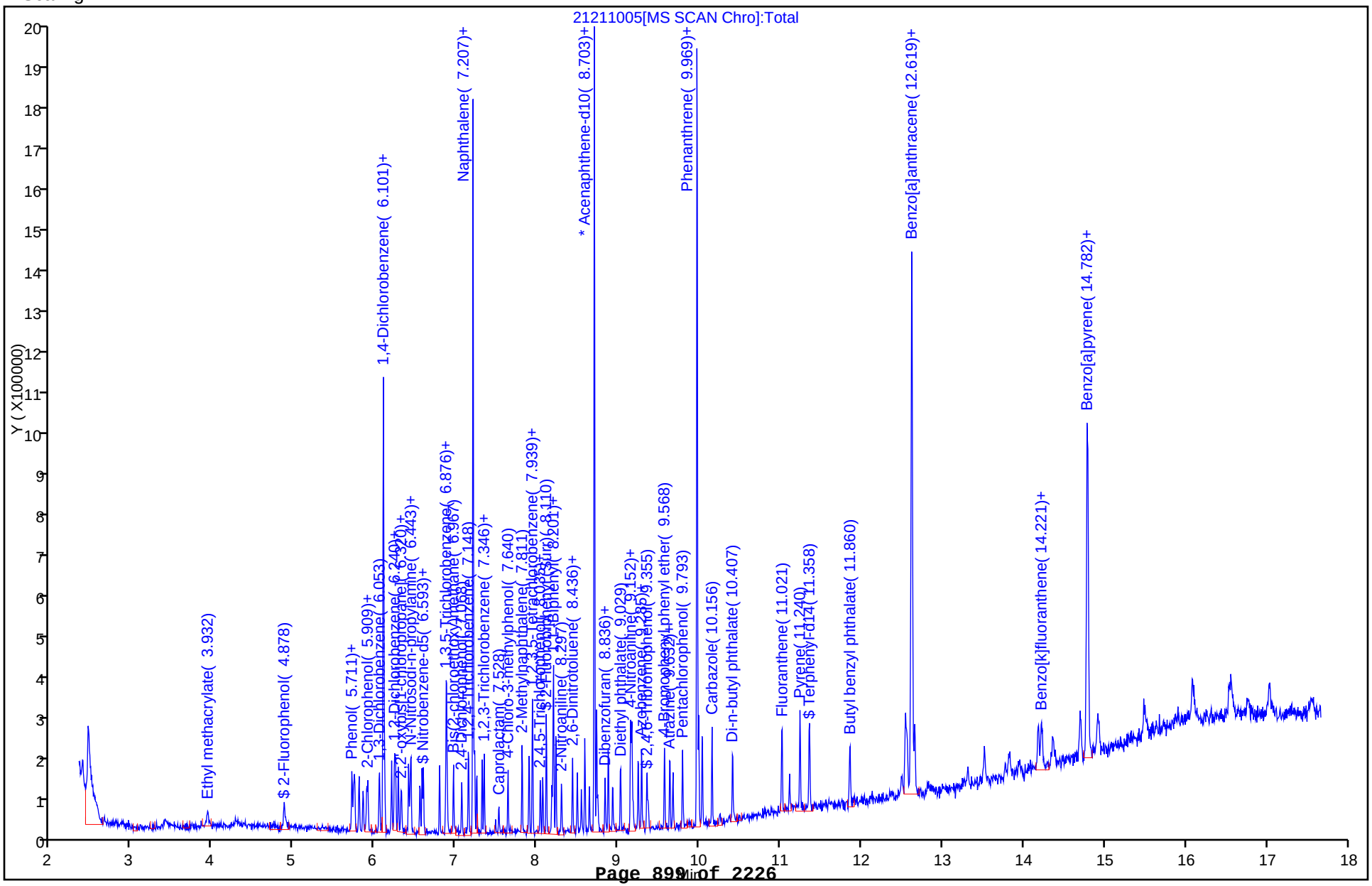
Report Date: 12-Dec-2012 07:43:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D

Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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

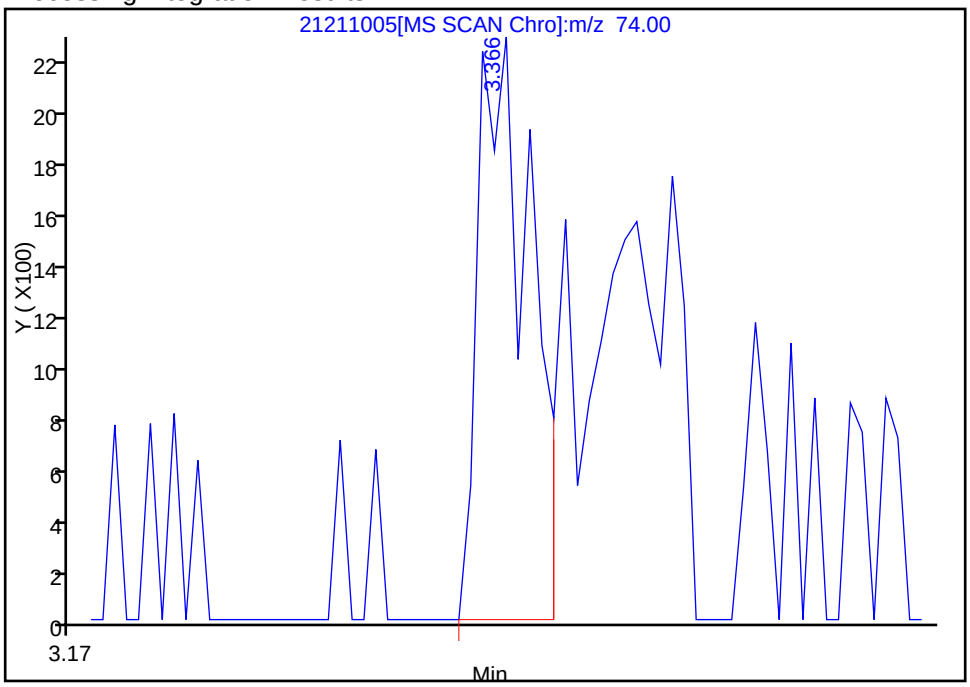
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.34

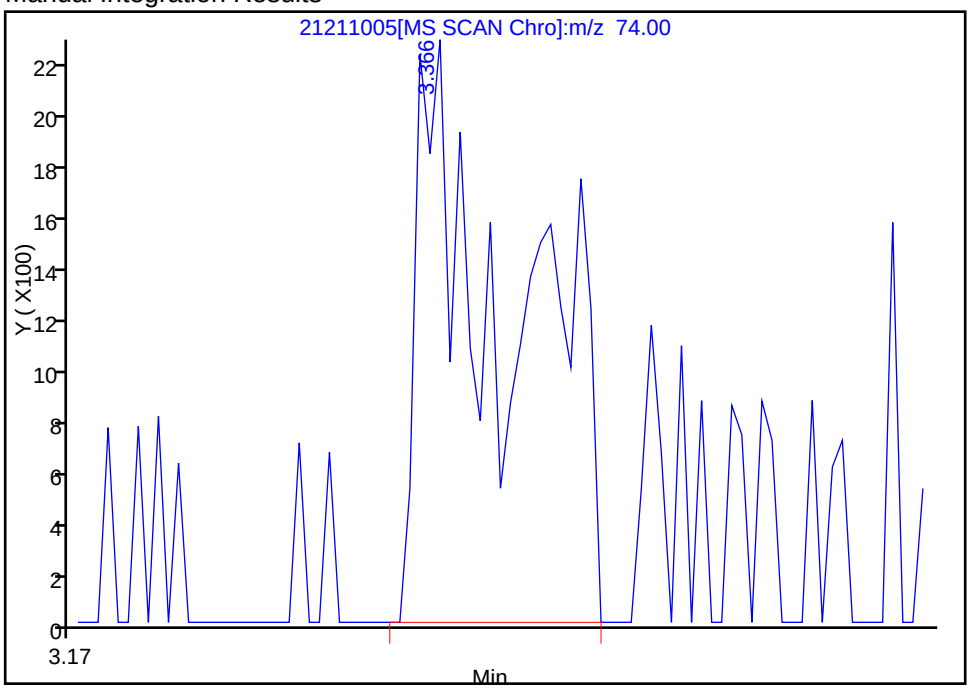
Processing Integration Results

RT: 3.37
Response: 3688
Amount: 0.197079



Manual Integration Results

RT: 3.37
Response: 8001
Amount: 0.718032



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

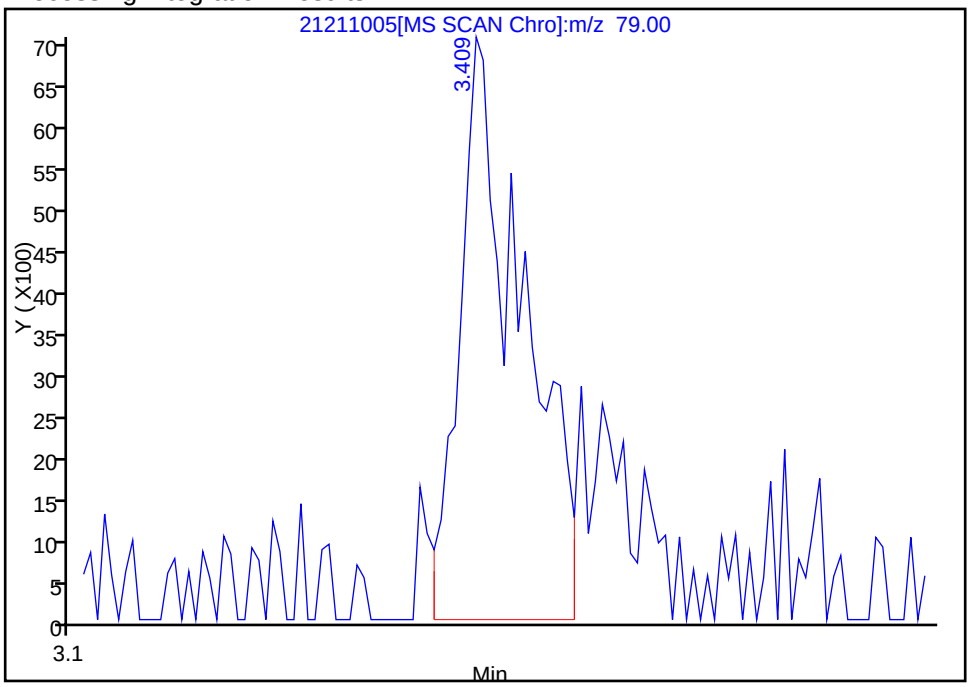
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.39

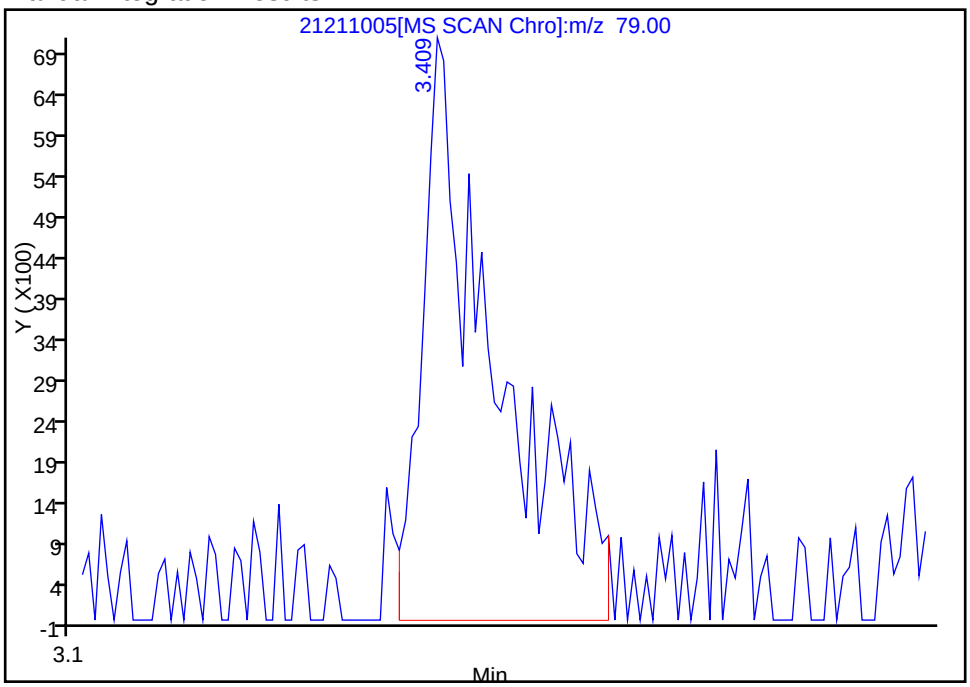
Processing Integration Results

RT: 3.41
Response: 23588
Amount: 0.448605



Manual Integration Results

RT: 3.41
Response: 30320
Amount: 0.517244



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

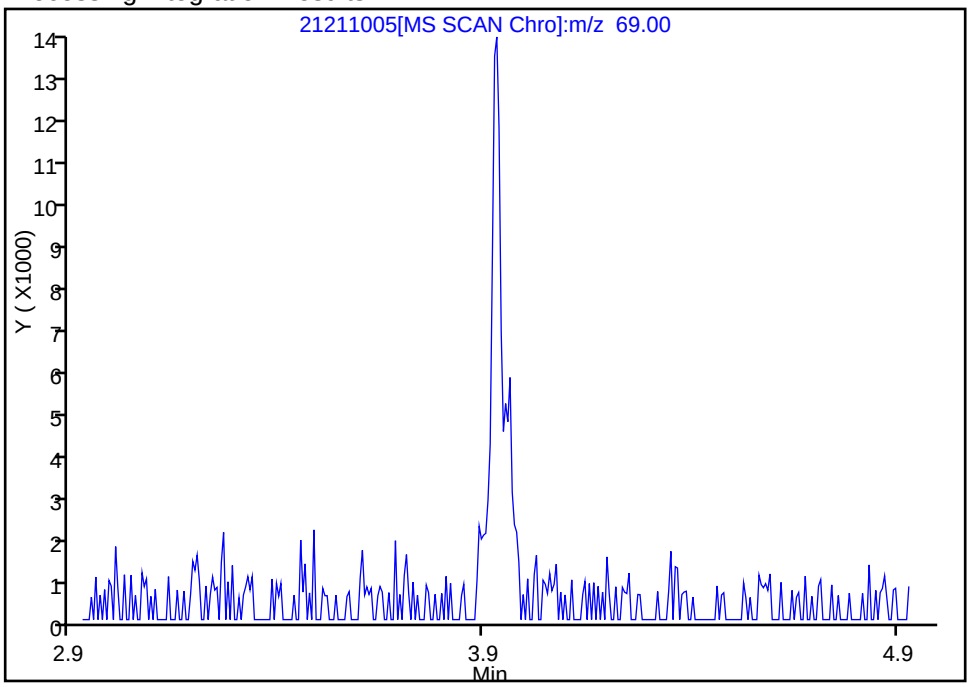
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.93

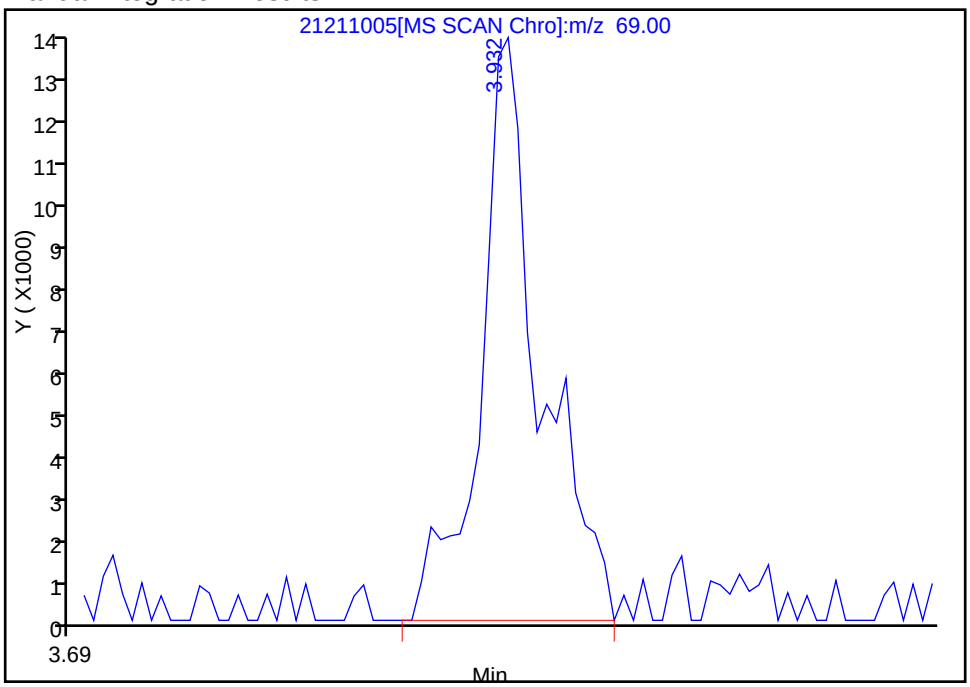
Processing Integration Results

Not Detected
Expected RT: 3.93



Manual Integration Results

RT: 3.93
Response: 30622
Amount: 0.565937



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

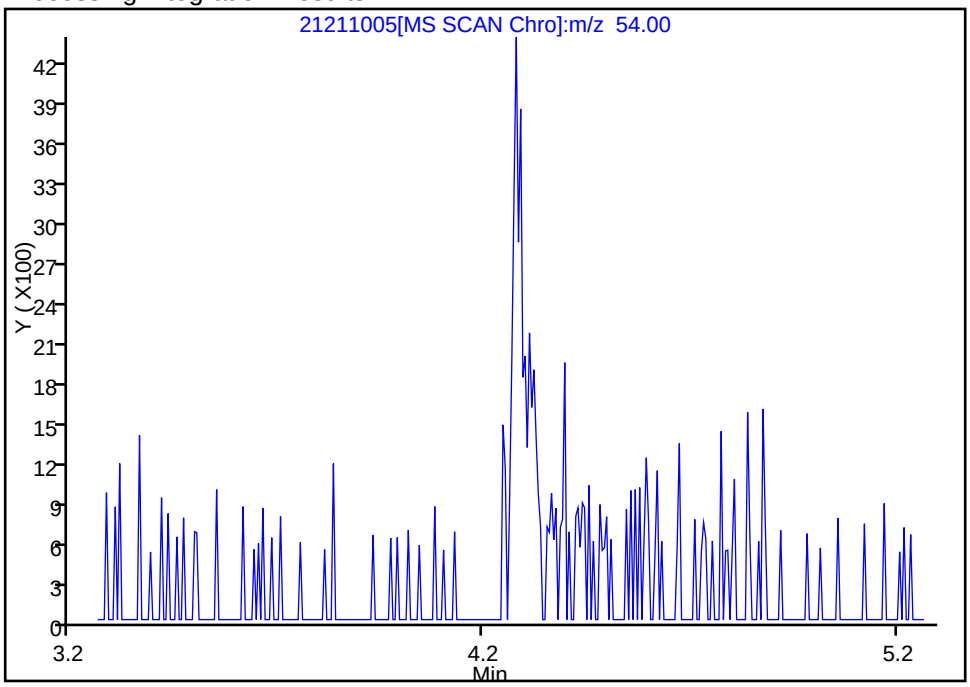
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.27

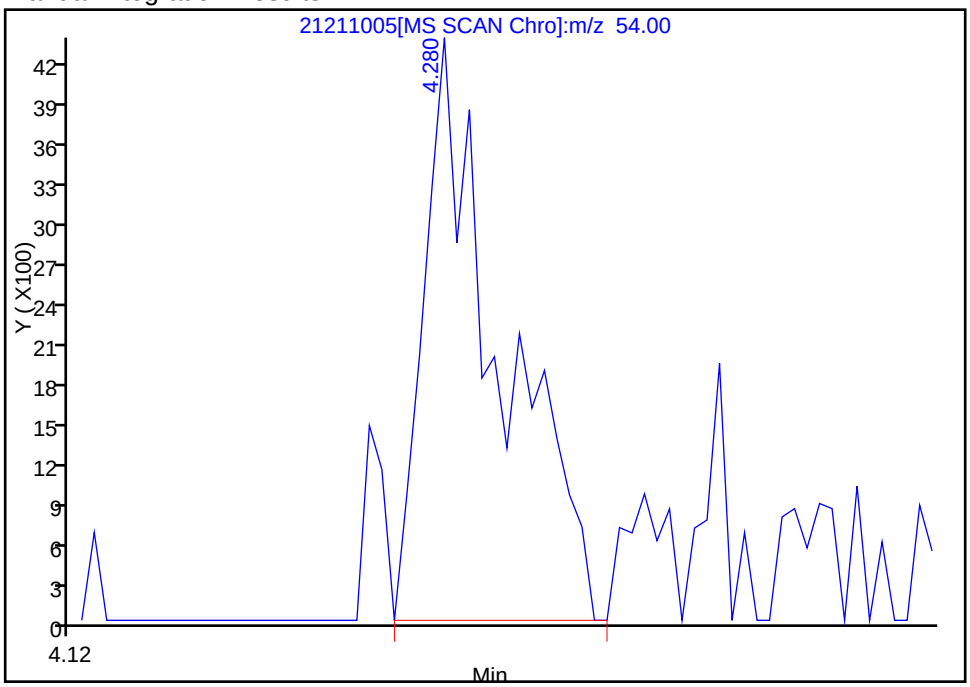
Processing Integration Results

Not Detected
Expected RT: 4.27



Manual Integration Results

RT: 4.28
Response: 9776
Amount: 0.406691



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

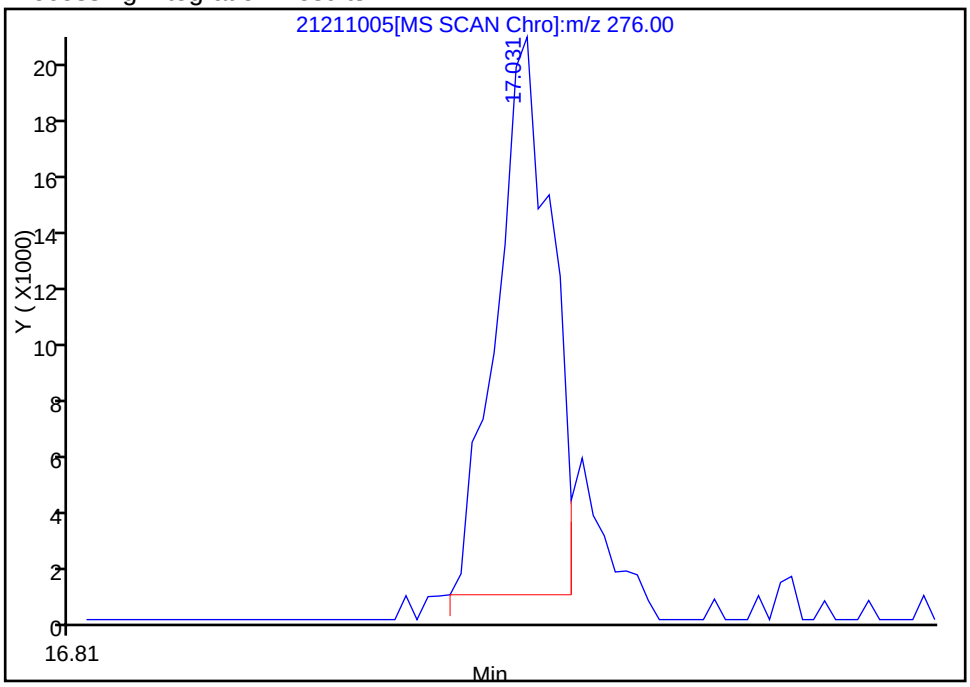
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
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: 17.03

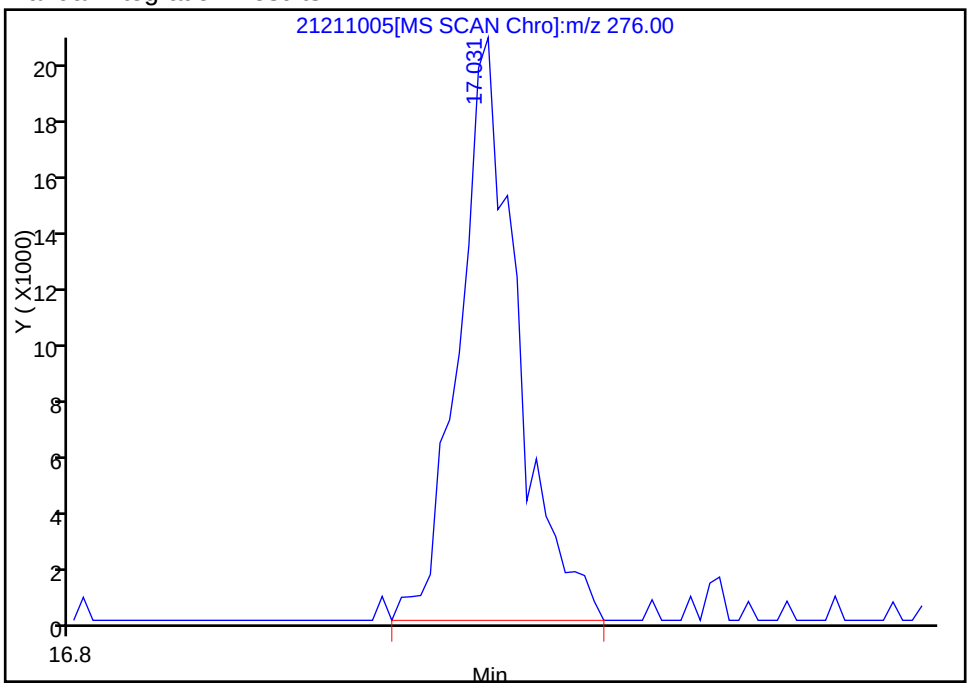
Processing Integration Results

RT: 17.03
Response: 36235
Amount: 0.400167



Manual Integration Results

RT: 17.03
Response: 45840
Amount: 0.452801



Reviewer: ulmanm, 11-Dec-2012 14:16:17
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	11-Dec-2012 13:49:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015722-006		
Misc. Info.:	STD1 TCL =STD1 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	68161	Lims Sample ID:	6
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:01	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 14:44:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.098	0.001	95	138592	4.00	
* 2 Naphthalene-d8	136	7.205	7.209	-0.004	98	521167	4.00	
* 3 Acenaphthene-d10	164	8.706	8.705	0.001	73	316712	4.00	
* 4 Phenanthrene-d10	188	9.972	9.971	0.001	94	545610	4.00	
* 5 Chrysene-d12	240	12.622	12.626	-0.004	74	542432	4.00	
* 6 Perylene-d12	264	14.785	14.790	-0.005	87	414202	4.00	
$ 9 Nitrobenzene-d5	82	6.574	6.579	-0.005	60	7493	0.0848	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.112	0.001	46	15007	0.1230	
$ 12 Terphenyl-d14	244	11.355	11.360	-0.005	35	10246	0.0940	
41 Benzaldehyde	77	5.714	5.714	0.0	59	8019	0.1087	
75 Naphthalene	128	7.226	7.225	0.001	1	13734	0.1033	
87 2-Methylnaphthalene	142	7.808	7.813	-0.005	59	9748	0.1091	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	56	7837	0.0955	
98 1,1'-Biphenyl	154	8.198	8.203	-0.005	62	9913	0.0914	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	71	8861	0.0904	
109 Acenaphthylene	152	8.588	8.588	0.0	65	13212	0.0958	
112 Acenaphthene	153	8.732	8.732	0.0	76	11127	0.1251	
116 Dibenzofuran	168	8.877	8.876	0.001	63	13281	0.1097	
126 Fluorene	166	9.165	9.170	-0.005	44	10842	0.1064	
141 Hexachlorobenzene	284	9.641	9.640	0.001	1	3607	0.1218	
148 Phenanthrene	178	9.993	9.993	0.0	7	16520	0.1108	
149 Anthracene	178	10.036	10.035	0.001	68	11352	0.0789	
159 Fluoranthene	202	11.019	11.018	0.001	71	14614	0.0916	
161 Pyrene	202	11.243	11.243	0.0	77	15054	0.0925	
177 Benzo[a]anthracene	228	12.611	12.610	0.001	15	14791	0.0985	
178 Chrysene	228	12.664	12.658	0.006	53	14169	0.1023	
182 Benzo[b]fluoranthene	252	14.181	14.181	0.0	51	11681	0.0909	
183 Benzo[k]fluoranthene	252	14.230	14.229	0.001	1	10317	0.0810	
184 Benzo[a]pyrene	252	14.700	14.704	-0.004	0	8347	0.0724	M

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	16.537	16.542	-0.005	0	12797	0.1008	M
189 Dibenz(a,h)anthracene	278	16.559	16.574	-0.015	0	10700	0.0998	M
190 Benzo[g,h,i]perylene	276	17.034	17.034	0.0	0	9341	0.0887	M

QC Flag Legend

Review Flags
M - Manually Integrated

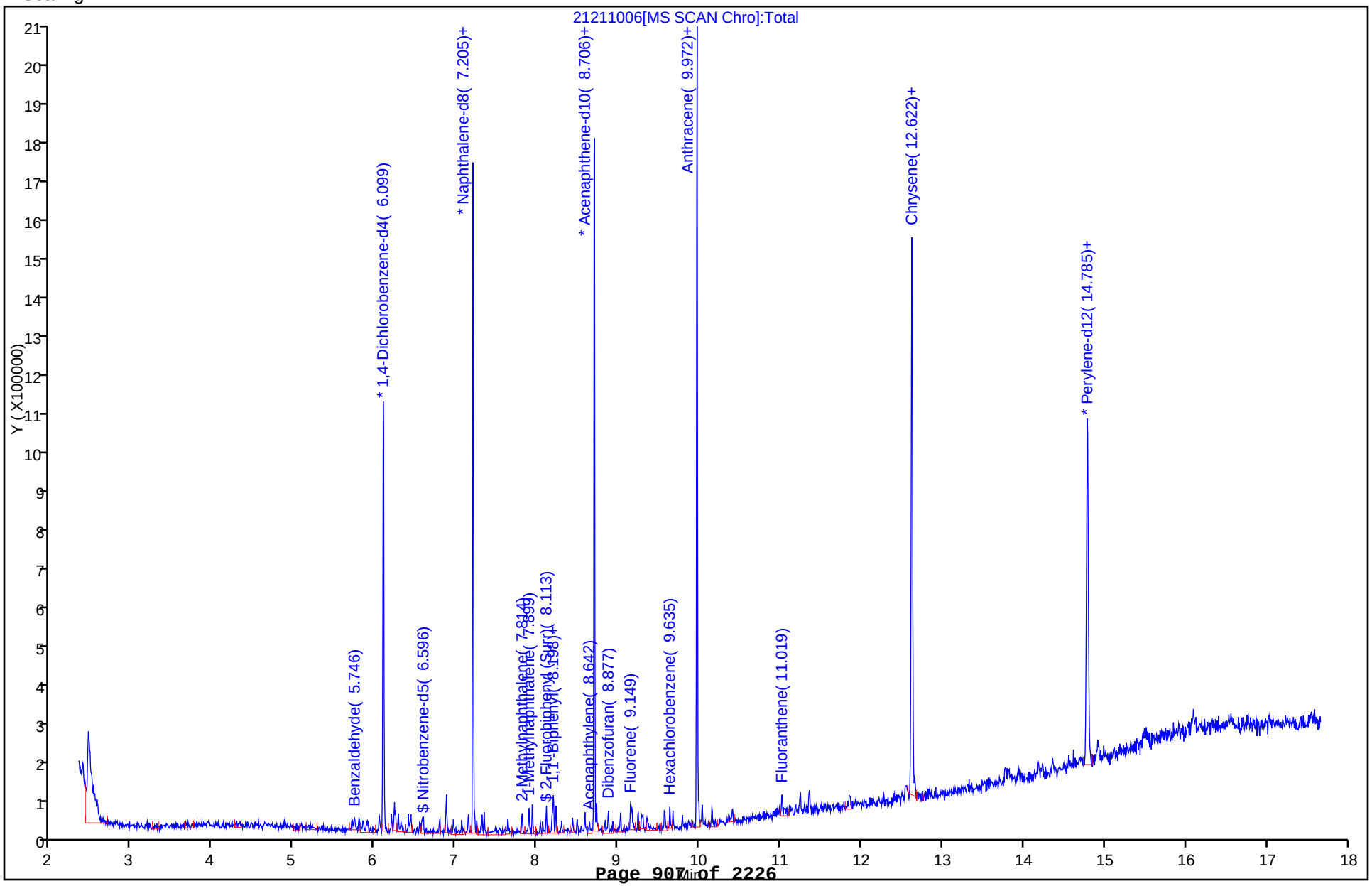
Report Date: 12-Dec-2012 07:43:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D

Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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

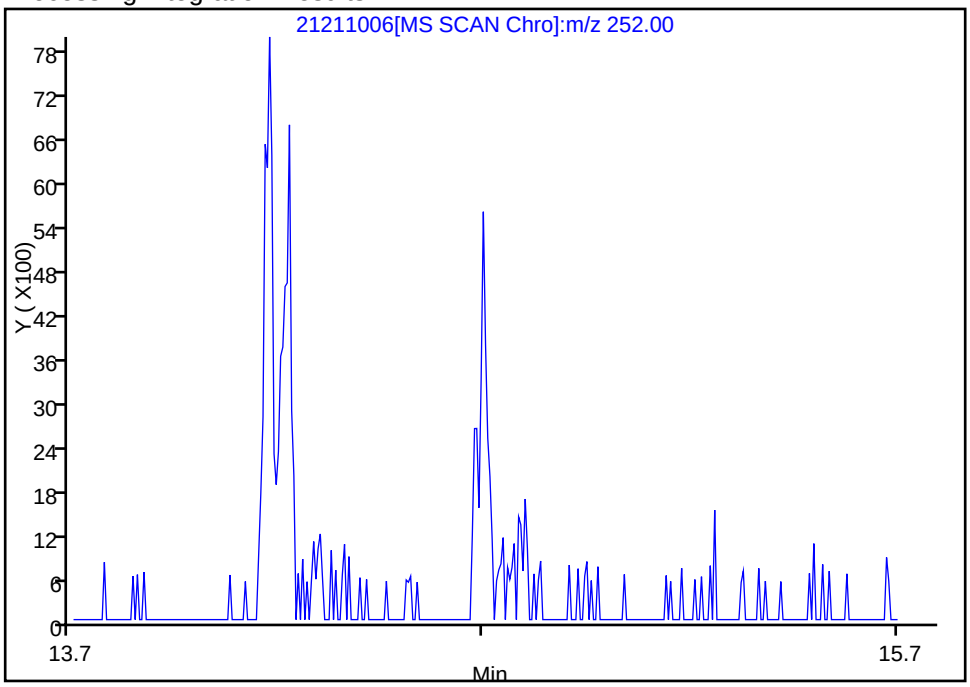
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.70

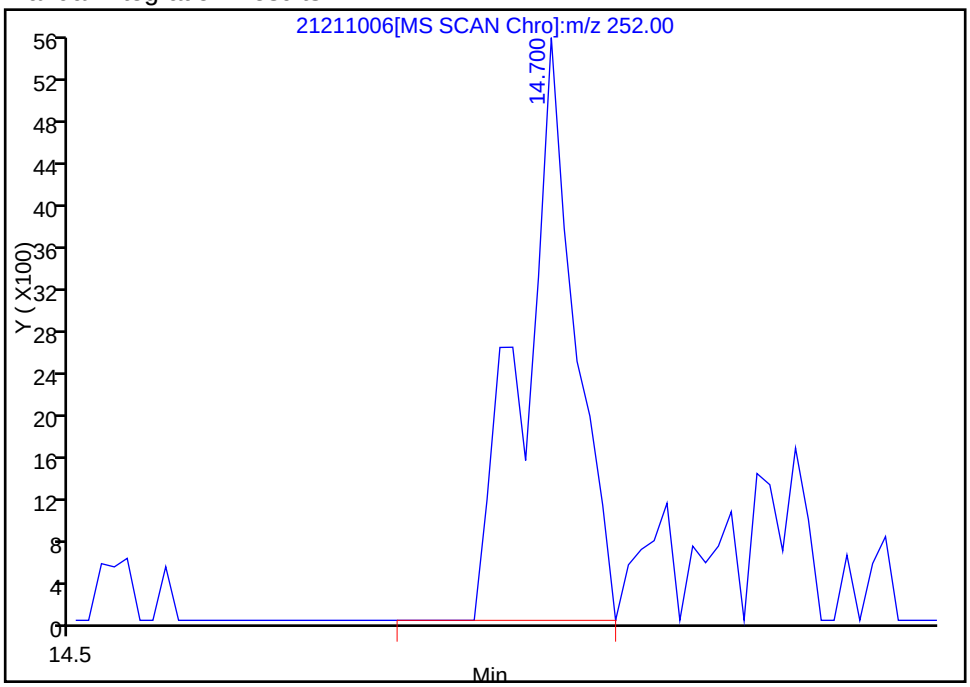
Processing Integration Results

Not Detected
Expected RT: 14.70



Manual Integration Results

RT: 14.70
Response: 8347
Amount: 0.072393



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

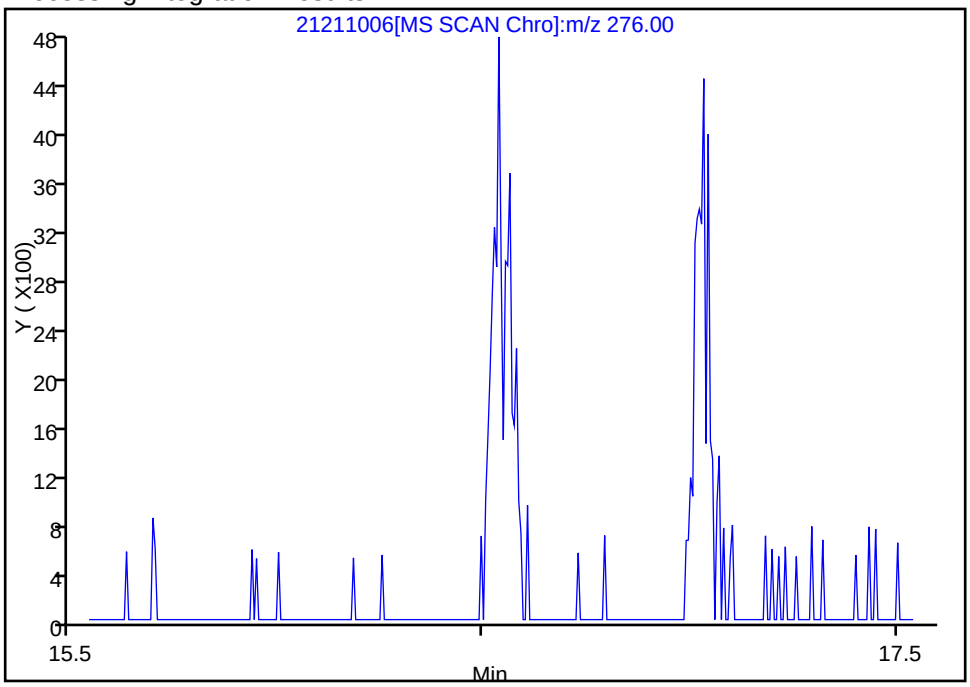
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.54

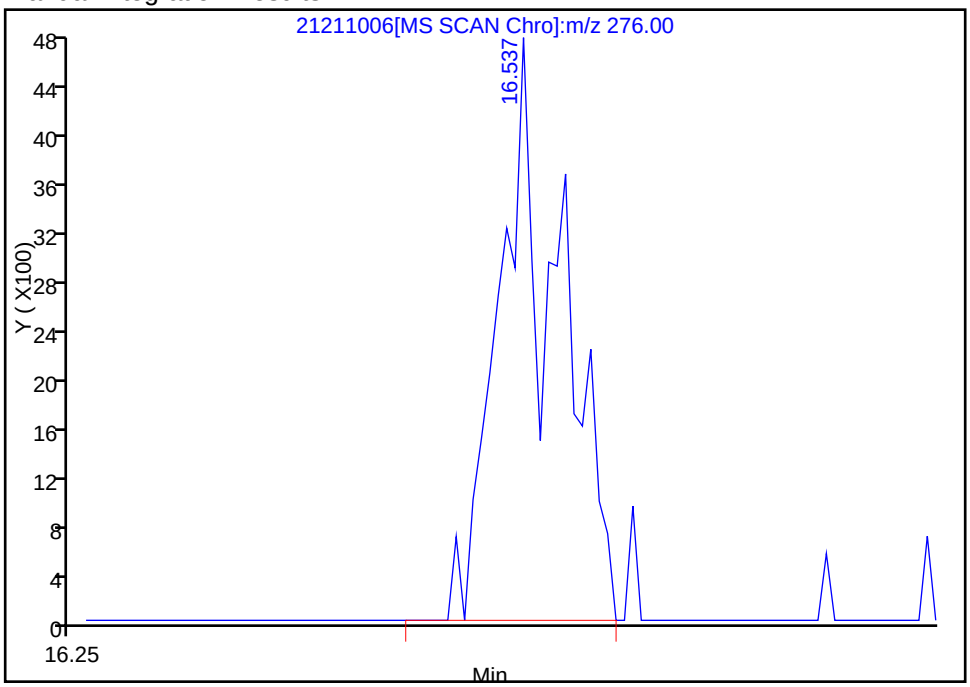
Processing Integration Results

Not Detected
Expected RT: 16.54



Manual Integration Results

RT: 16.54
Response: 12797
Amount: 0.100752



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

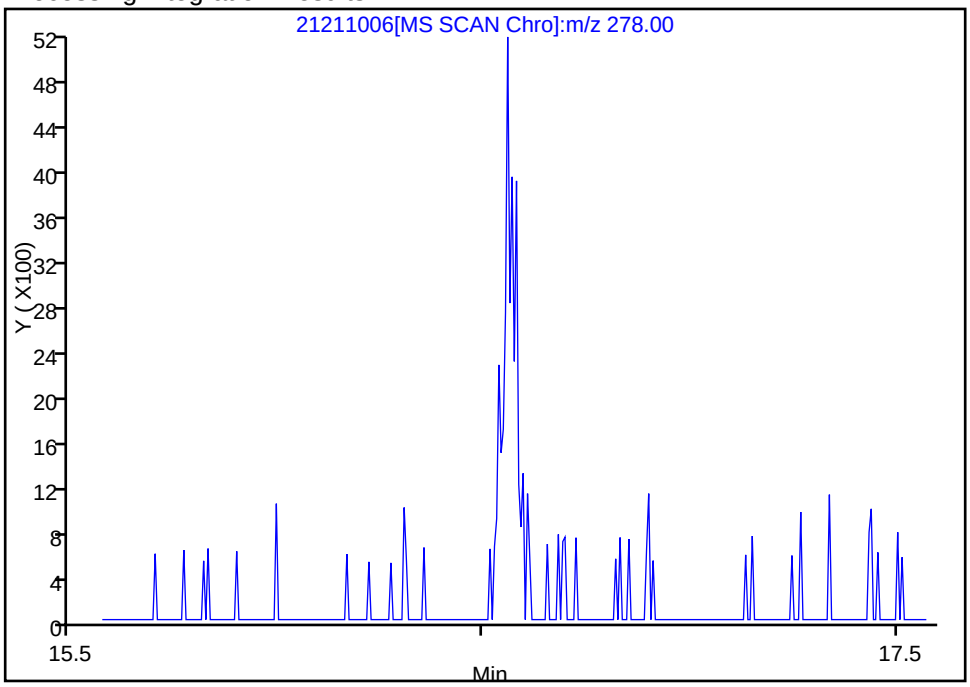
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
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: 16.57

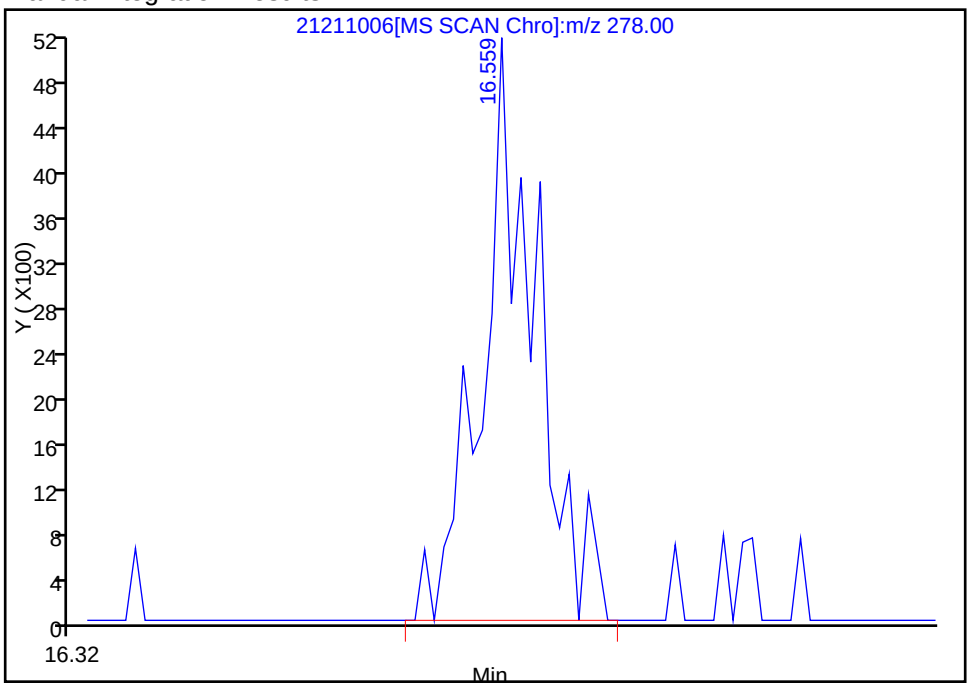
Processing Integration Results

Not Detected
Expected RT: 16.57



Manual Integration Results

RT: 16.56
Response: 10700
Amount: 0.099839



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

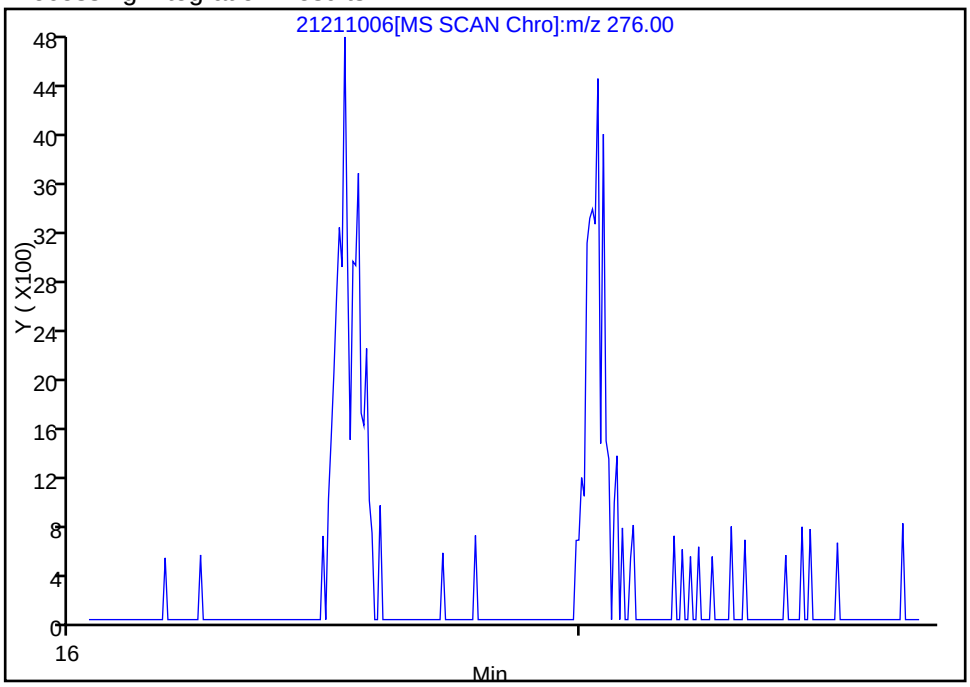
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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: 17.03

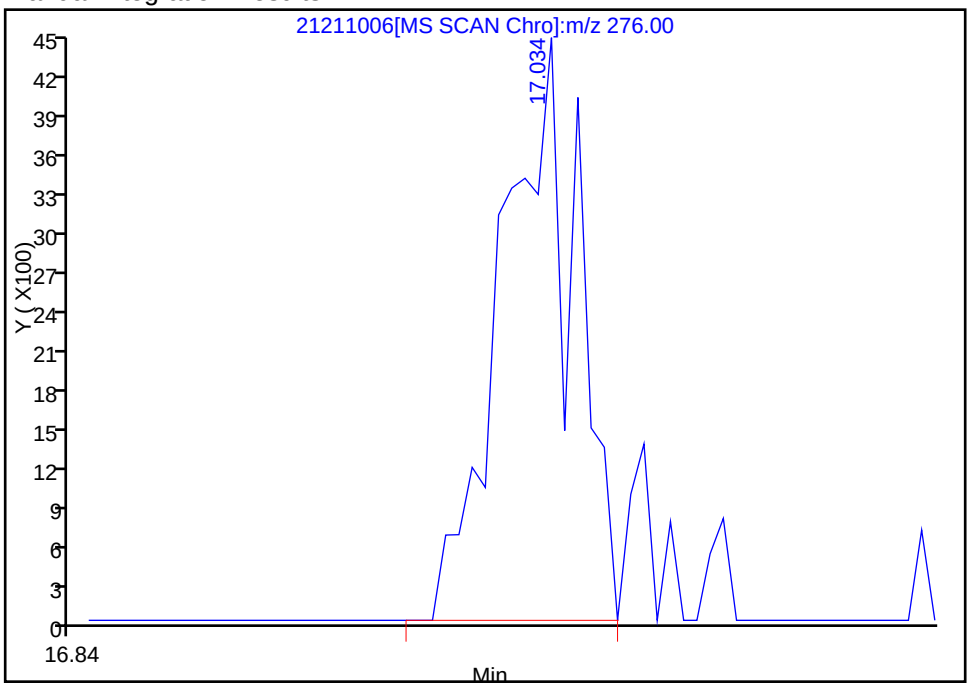
Processing Integration Results

Not Detected
Expected RT: 17.03



Manual Integration Results

RT: 17.03
Response: 9341
Amount: 0.088742



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211007.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	11-Dec-2012 14:14:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0015722-007		
Misc. Info.:	STD9 TCL =STD9 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	68161	Lims Sample ID:	7
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:03	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 14:52:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.101	6.098	0.002	87	123742	4.00	
* 2 Naphthalene-d8	136	7.206	7.209	-0.003	99	503418	4.00	
* 3 Acenaphthene-d10	164	8.707	8.705	0.002	67	307275	4.00	
* 4 Phenanthrene-d10	188	9.974	9.971	0.003	79	534048	4.00	
* 5 Chrysene-d12	240	12.629	12.626	0.003	79	562834	4.00	
* 6 Perylene-d12	264	14.792	14.790	0.002	88	429867	4.00	
$ 7 2-Fluorophenol	112	4.877	4.880	-0.003	94	1179046	26.1	
$ 8 Phenol-d5	99	5.737	5.735	0.002	0	1792514	27.3	
$ 9 Nitrobenzene-d5	82	6.581	6.579	0.002	81	2353558	27.6	
$ 10 2-Fluorobiphenyl (Surr)	172	8.114	8.112	0.002	99	3221128	27.2	
$ 11 2,4,6-Tribromophenol	330	9.375	9.373	0.002	73	272957	29.3	
$ 12 Terphenyl-d14	244	11.357	11.360	-0.003	95	3102944	27.4	
25 1,4-Dioxane	88	2.858	2.861	-0.003	85	553424	24.9	
26 N-Nitrosodimethylamine	74	3.328	3.336	-0.008	79	816059	24.9	
27 Pyridine	79	3.376	3.390	-0.014	91	1551743	26.4	
28 Ethyl methacrylate	69	3.932	3.929	0.003	83	1415315	26.1	
29 3-Chloropropionitrile	54	4.268	4.266	0.002	84	708656	29.4	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77		5.714					
43 Phenol	94	5.748	5.746	0.002	91	2000970	26.8	
44 Aniline	93	5.801	5.799	0.002	97	2500743	27.6	
69 Bis(2-chloroethyl)ether	93	5.855	5.853	0.002	97	1852534	27.0	
46 2-Chlorophenol	128	5.914	5.906	0.008	93	1099195	26.2	
47 1,3-Dichlorobenzene	146	6.052	6.050	0.002	83	1455448	26.4	
48 1,4-Dichlorobenzene	146	6.117	6.114	0.003	80	1234992	26.5	
49 Benzyl alcohol	108	6.207	6.200	0.007	83	859750	26.6	
50 1,2-Dichlorobenzene	146	6.250	6.253	-0.003	78	1402338	26.6	
51 2-Methylphenol	108	6.287	6.285	0.002	95	1281539	27.3	
53 2,2'-oxybis[1-chloropropane]	45	6.325	6.323	0.002	96	1791925	26.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.416	6.413	0.003	90	1376050	27.4	
57 N-Nitrosodi-n-propylamine	70	6.437	6.429	0.008	68	1372397	27.5	
58 Acetophenone	105	6.442	6.440	0.002	85	2033933	27.0	
61 Hexachloroethane	117	6.555	6.552	0.003	91	623090	25.9	
62 Nitrobenzene	77	6.597	6.595	0.002	75	2525637	27.7	
64 Isophorone	82	6.800	6.793	0.007	94	3830714	28.8	
66 2-Nitrophenol	139	6.870	6.868	0.002	86	609008	27.8	
67 1,3,5-Trichlorobenzene	180	6.880	6.878	0.002	84	1266563	26.0	
65 2,4-Dimethylphenol	107	6.880	6.878	0.002	96	1591349	27.8	
71 Benzoic acid	122	6.966	6.916	0.050	73	1524116	49.3	
70 Bis(2-chloroethoxy)methane	93	6.966	6.964	0.002	98	2373727	27.1	
73 2,4-Dichlorophenol	162	7.067	7.071	-0.004	91	913439	27.4	
74 1,2,4-Trichlorobenzene	180	7.153	7.151	0.002	81	1257772	26.4	
75 Naphthalene	128	7.228	7.225	0.003	98	3572537	27.8	
76 4-Chloroaniline	127	7.254	7.252	0.002	79	1432034	27.5	
79 Hexachlorobutadiene	225	7.319	7.322	-0.004	86	680642	26.1	
80 1,2,3-Trichlorobenzene	180	7.345	7.343	0.002	83	1167052	0	
84 Caprolactam	113	7.554	7.530	0.024	80	340052	26.1	
86 4-Chloro-3-methylphenol	107	7.644	7.637	0.007	82	1379075	28.0	
87 2-Methylnaphthalene	142	7.815	7.813	0.002	87	2335674	27.1	
88 1-Methylnaphthalene	142	7.901	7.899	0.002	80	2224798	28.1	
89 Hexachlorocyclopentadiene	237	7.944	7.941	0.003	69	845307	29.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.944	7.941	0.003	82	1247828	26.9	
92 2,4,6-Trichlorophenol	196	8.040	8.037	0.003	85	686078	27.1	
93 2,4,5-Trichlorophenol	196	8.072	8.070	0.002	92	757302	28.1	
97 2,4-Toluene diamine	121	8.189	8.182	0.007	97	580863	25.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.200	8.198	0.002	83	1202556	0	
98 1,1'-Biphenyl	154	8.205	8.203	0.002	95	2977344	28.3	
100 2-Chloronaphthalene	162	8.232	8.230	0.002	97	2664441	28.0	
102 2-Nitroaniline	65	8.301	8.299	0.002	70	1016603	28.1	
105 Dimethyl phthalate	163	8.440	8.438	0.002	93	2561759	27.8	
107 2,6-Dinitrotoluene	165	8.499	8.497	0.002	79	682793	25.0	
108 1,2-Dinitrobenzene	168	8.553	8.545	0.008	81	325727	25.0	
109 Acenaphthylene	152	8.590	8.588	0.002	90	3885833	29.0	
110 3-Nitroaniline	138	8.649	8.646	0.003	86	632739	29.4	
112 Acenaphthene	153	8.734	8.732	0.002	86	2346634	27.2	
111 2,4-Dinitrophenol	184	8.734	8.732	0.002	68	830121	50.1	
113 4-Nitrophenol	109	8.756	8.748	0.008	82	463773	27.2	
114 2,4-Dinitrotoluene	165	8.841	8.839	0.002	77	904735	28.7	
116 Dibenzofuran	168	8.878	8.876	0.002	85	3318150	28.2	
118 2,3,5,6-Tetrachlorophenol	232	8.932	8.935	-0.003	81	622582	28.1	
121 Diethyl phthalate	149	9.033	9.031	0.002	95	2634063	28.6	
123 4-Chlorophenyl phenyl ether	204	9.151	9.154	-0.003	92	1538113	27.3	
125 4-Nitroaniline	138	9.172	9.165	0.007	62	690574	25.0	
126 Fluorene	166	9.172	9.170	0.002	61	2729508	27.6	
128 4,6-Dinitro-2-methylphenol	198	9.188	9.186	0.002	75	490522	24.6	
131 N-Nitrosodiphenylamine	169	9.247	9.245	0.002	94	2019156	28.5	
132 1,2-Diphenylhydrazine	77	9.290	9.288	0.002	99	5070656	29.7	
133 Azobenzene	77	9.290	9.288	0.002	92	5069760	29.6	
139 4-Bromophenyl phenyl ether	248	9.573	9.571	0.002	66	793160	27.0	
141 Hexachlorobenzene	284	9.637	9.640	-0.003	78	751281	25.9	
142 Atrazine	200	9.680	9.677	0.003	83	506527	24.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.797	9.795	0.002	80	1001762	49.5	
148 Phenanthrene	178	9.995	9.993	0.002	81	4108198	28.1	
149 Anthracene	178	10.038	10.035	0.003	83	4272971	30.3	
151 Carbazole	167	10.161	10.158	0.003	82	3843842	28.9	
154 Di-n-butyl phthalate	149	10.412	10.409	0.003	100	4963359	30.1	
159 Fluoranthene	202	11.021	11.018	0.003	77	4633268	29.7	
160 Benzidine	184	11.117	11.115	0.002	88	1954118	24.6	
161 Pyrene	202	11.245	11.243	0.002	73	4733383	28.0	
168 Butyl benzyl phthalate	149	11.859	11.857	0.002	88	1996923	28.3	
172 3,3'-Dimethoxybenzidine	244	12.500	12.498	0.002	83	1096628	24.8	
175 3,3'-Dichlorobenzidine	252	12.548	12.546	0.002	71	1508804	28.6	
174 4,4'-Methylene bis(2-chloroanili	231	12.548	12.546	0.002	70	782606	27.5	
173 Bis(2-ethylhexyl) phthalate	149	12.564	12.568	-0.004	96	2939989	28.8	
177 Benzo[a]anthracene	228	12.613	12.610	0.003	82	4220814	27.1	
178 Chrysene	228	12.666	12.658	0.008	86	3940410	27.4	
180 Di-n-octyl phthalate	149	13.515	13.518	-0.003	99	5092779	24.8	
182 Benzo[b]fluoranthene	252	14.189	14.181	0.007	81	3710480	27.8	
183 Benzo[k]fluoranthene	252	14.231	14.229	0.002	83	3858998	29.2	
184 Benzo[a]pyrene	252	14.712	14.704	0.008	76	3596128	30.1	
188 Indeno[1,2,3-cd]pyrene	276	16.555	16.542	0.013	76	3788202	28.7	
189 Dibenz(a,h)anthracene	278	16.582	16.574	0.008	68	3176199	28.6	
190 Benzo[g,h,i]perylene	276	17.052	17.034	0.018	74	3133030	28.7	
S 191 Methyl Phenols,Total	100				0		54.7	

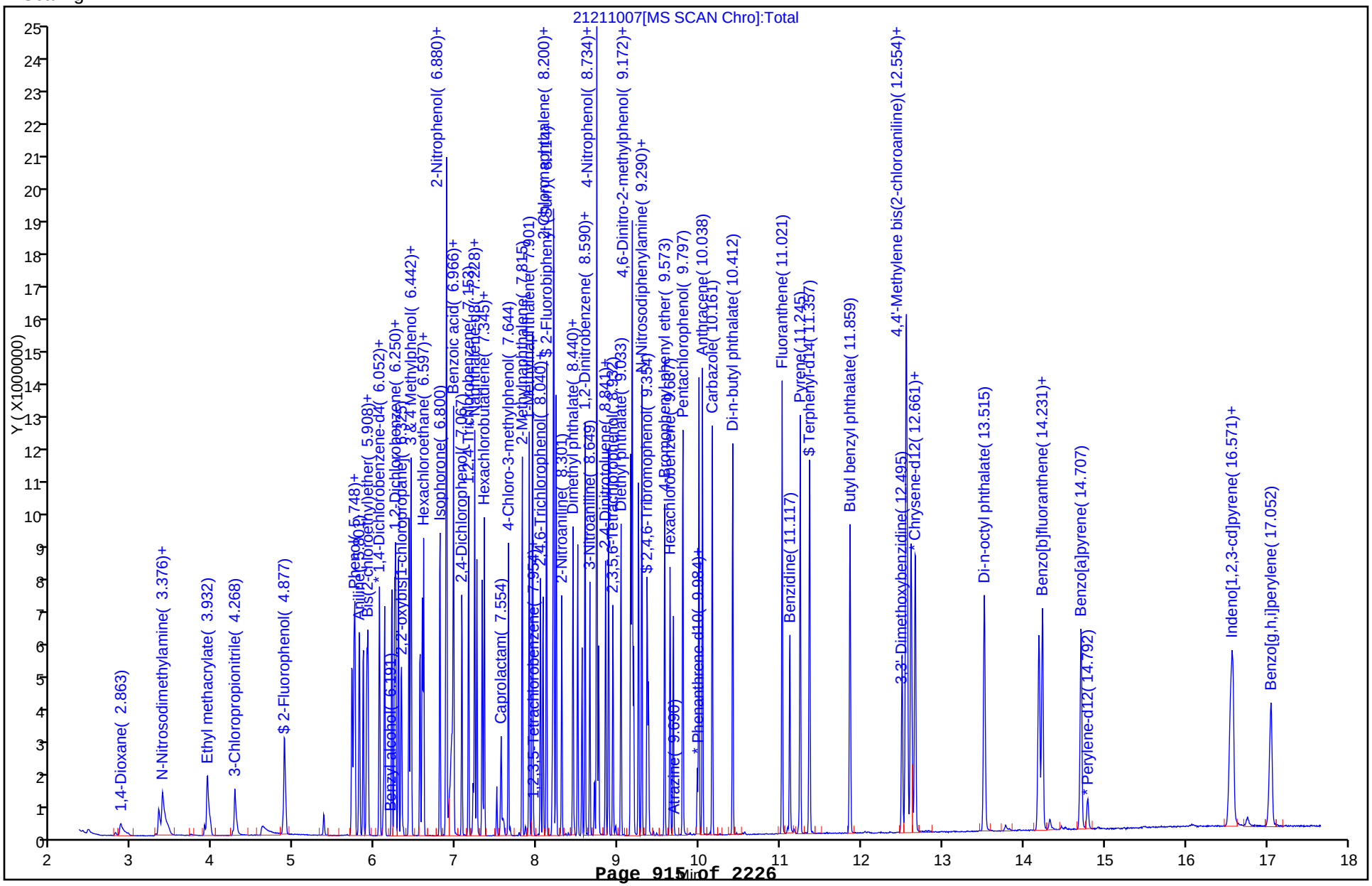
Report Date: 12-Dec-2012 07:43:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211007.D

Injection Date:	11-Dec-2012 14:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	7
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\20121211-15722.b\21211008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	11-Dec-2012 14:38:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0015722-008		
Misc. Info.:	STD8 TCL =STD8 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	68161	Lims Sample ID:	8
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:05	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 15:14:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.100	6.098	0.002	84	127811	4.00	
* 2 Naphthalene-d8	136	7.206	7.209	-0.003	98	508599	4.00	
* 3 Acenaphthene-d10	164	8.707	8.705	0.002	70	321749	4.00	
* 4 Phenanthrene-d10	188	9.973	9.971	0.002	72	533693	4.00	
* 5 Chrysene-d12	240	12.628	12.626	0.002	79	556815	4.00	
* 6 Perylene-d12	264	14.792	14.790	0.002	90	426243	4.00	
$ 7 2-Fluorophenol	112	4.877	4.880	-0.003	93	978154	20.9	
$ 8 Phenol-d5	99	5.737	5.735	0.002	0	1477705	21.8	
$ 9 Nitrobenzene-d5	82	6.581	6.579	0.002	83	1925197	22.3	
$ 10 2-Fluorobiphenyl (Surr)	172	8.114	8.112	0.002	99	2617805	21.1	
$ 11 2,4,6-Tribromophenol	330	9.375	9.373	0.002	74	218875	22.5	
$ 12 Terphenyl-d14	244	11.357	11.360	-0.003	96	2509758	22.4	
25 1,4-Dioxane	88	2.863	2.861	0.002	91	458315	20.2	
26 N-Nitrosodimethylamine	74	3.333	3.336	-0.003	81	657944	20.0	
27 Pyridine	79	3.376	3.390	-0.014	90	1284276	21.2	
28 Ethyl methacrylate	69	3.926	3.929	-0.003	83	1162287	20.7	
29 3-Chloropropionitrile	54	4.268	4.266	0.002	86	580980	23.3	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.710	5.714	-0.004	81	1227831	18.0	
43 Phenol	94	5.748	5.746	0.002	92	1647157	21.3	
44 Aniline	93	5.801	5.799	0.002	94	2049399	21.9	
69 Bis(2-chloroethyl)ether	93	5.849	5.853	-0.004	96	1539469	21.7	
46 2-Chlorophenol	128	5.913	5.906	0.007	91	928768	21.4	
47 1,3-Dichlorobenzene	146	6.052	6.050	0.002	87	1184515	20.8	
48 1,4-Dichlorobenzene	146	6.116	6.114	0.002	80	1000125	20.8	
49 Benzyl alcohol	108	6.207	6.200	0.007	84	706891	21.2	
50 1,2-Dichlorobenzene	146	6.250	6.253	-0.003	80	1143161	21.0	
51 2-Methylphenol	108	6.287	6.285	0.002	94	1048528	21.7	
53 2,2'-oxybis[1-chloropropane]	45	6.325	6.323	0.002	95	1509426	21.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.416	6.413	0.003	90	1098673	21.2	
57 N-Nitrosodi-n-propylamine	70	6.437	6.429	0.008	66	1122606	21.8	
58 Acetophenone	105	6.442	6.440	0.002	89	1686346	21.7	
61 Hexachloroethane	117	6.554	6.552	0.002	92	507685	20.4	
62 Nitrobenzene	77	6.597	6.595	0.002	73	2051757	22.3	
64 Isophorone	82	6.800	6.793	0.007	94	3092269	23.0	
66 2-Nitrophenol	139	6.870	6.868	0.002	84	500802	22.7	
67 1,3,5-Trichlorobenzene	180	6.880	6.878	0.002	84	1015294	20.6	
65 2,4-Dimethylphenol	107	6.880	6.878	0.002	96	1261428	21.8	
71 Benzoic acid	122	6.960	6.916	0.044	70	1275826	41.8	
70 Bis(2-chloroethoxy)methane	93	6.966	6.964	0.002	94	1937224	21.9	
73 2,4-Dichlorophenol	162	7.067	7.071	-0.004	92	738693	21.9	
74 1,2,4-Trichlorobenzene	180	7.153	7.151	0.002	79	1038989	21.6	
75 Naphthalene	128	7.228	7.225	0.003	81	2835774	21.9	
76 4-Chloroaniline	127	7.254	7.252	0.002	79	1163510	22.1	
79 Hexachlorobutadiene	225	7.318	7.322	-0.004	87	546069	20.7	
80 1,2,3-Trichlorobenzene	180	7.345	7.343	0.002	85	963223	0	
84 Caprolactam	113	7.548	7.530	0.018	85	291378	22.2	
86 4-Chloro-3-methylphenol	107	7.644	7.637	0.007	82	1107932	22.2	
87 2-Methylnaphthalene	142	7.815	7.813	0.002	86	1891905	21.7	
88 1-Methylnaphthalene	142	7.901	7.899	0.002	80	1801529	22.5	
89 Hexachlorocyclopentadiene	237	7.943	7.941	0.002	72	669022	21.9	
90 1,2,3,5-Tetrachlorobenzene	216	7.943	7.941	0.002	82	1026928	21.1	
92 2,4,6-Trichlorophenol	196	8.040	8.037	0.003	89	557997	21.0	
93 2,4,5-Trichlorophenol	196	8.072	8.070	0.002	90	617878	21.9	
97 2,4-Toluene diamine	121	8.184	8.182	0.002	96	464309	19.8	
99 1,2,3,4 -Tetrachlorobenzene	216	8.200	8.198	0.002	82	979600	0	
98 1,1'-Biphenyl	154	8.205	8.203	0.002	95	2362627	21.4	
100 2-Chloronaphthalene	162	8.232	8.230	0.002	96	2161164	21.7	
102 2-Nitroaniline	65	8.301	8.299	0.002	73	822804	21.8	
105 Dimethyl phthalate	163	8.440	8.438	0.002	94	2077643	21.6	
107 2,6-Dinitrotoluene	165	8.499	8.497	0.002	77	547562	19.8	
108 1,2-Dinitrobenzene	168	8.552	8.545	0.007	81	267952	19.9	
109 Acenaphthylene	152	8.590	8.588	0.002	87	3135207	22.4	
110 3-Nitroaniline	138	8.649	8.646	0.003	85	510169	22.6	
112 Acenaphthene	153	8.734	8.732	0.002	87	1876230	20.8	
111 2,4-Dinitrophenol	184	8.734	8.732	0.002	69	660638	39.6	
113 4-Nitrophenol	109	8.755	8.748	0.007	84	369994	20.7	
114 2,4-Dinitrotoluene	165	8.841	8.839	0.002	78	740818	22.5	
116 Dibenzofuran	168	8.878	8.876	0.002	86	2654718	21.6	
118 2,3,5,6-Tetrachlorophenol	232	8.932	8.935	-0.003	85	504090	21.8	
121 Diethyl phthalate	149	9.033	9.031	0.002	95	2077865	21.6	
123 4-Chlorophenyl phenyl ether	204	9.151	9.154	-0.003	93	1234824	20.9	
125 4-Nitroaniline	138	9.167	9.165	0.002	77	552531	19.9	
126 Fluorene	166	9.172	9.170	0.002	70	2178953	21.0	
128 4,6-Dinitro-2-methylphenol	198	9.188	9.186	0.002	75	404618	20.7	
131 N-Nitrosodiphenylamine	169	9.247	9.245	0.002	94	1591697	22.5	
132 1,2-Diphenylhydrazine	77	9.290	9.288	0.002	99	4049748	23.7	
133 Azobenzene	77	9.290	9.288	0.002	92	4049362	23.7	
139 4-Bromophenyl phenyl ether	248	9.573	9.571	0.002	67	644995	22.0	
141 Hexachlorobenzene	284	9.637	9.640	-0.003	76	605405	20.9	
142 Atrazine	200	9.680	9.677	0.003	82	426532	20.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.797	9.795	0.002	79	814927	41.1	
148 Phenanthrene	178	9.995	9.993	0.002	83	3139152	21.5	
149 Anthracene	178	10.038	10.035	0.003	83	3333456	23.7	
151 Carbazole	167	10.160	10.158	0.002	82	3033830	22.8	
154 Di-n-butyl phthalate	149	10.412	10.409	0.003	100	3904400	23.7	
159 Fluoranthene	202	11.021	11.018	0.003	77	3606895	23.1	
160 Benzidine	184	11.117	11.115	0.002	88	1606415	20.7	
161 Pyrene	202	11.245	11.243	0.002	72	3775507	22.6	
168 Butyl benzyl phthalate	149	11.859	11.857	0.002	87	1601617	22.9	
172 3,3'-Dimethoxybenzidine	244	12.500	12.498	0.002	84	843074	20.4	
175 3,3'-Dichlorobenzidine	252	12.548	12.546	0.002	74	1221257	23.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.548	12.546	0.002	72	643044	22.9	
173 Bis(2-ethylhexyl) phthalate	149	12.564	12.568	-0.004	95	2304916	22.9	
177 Benzo[a]anthracene	228	12.612	12.610	0.002	83	3344268	21.7	
178 Chrysene	228	12.666	12.658	0.008	83	3115866	21.9	
180 Di-n-octyl phthalate	149	13.515	13.518	-0.003	99	3970919	20.4	
182 Benzo[b]fluoranthene	252	14.188	14.181	0.007	81	2899706	21.9	
183 Benzo[k]fluoranthene	252	14.231	14.229	0.002	88	3072836	23.4	
184 Benzo[a]pyrene	252	14.707	14.704	0.003	76	2792378	23.5	
188 Indeno[1,2,3-cd]pyrene	276	16.550	16.542	0.008	85	2965877	22.7	
189 Dibenz(a,h)anthracene	278	16.576	16.574	0.002	57	2477247	22.5	
190 Benzo[g,h,i]perylene	276	17.052	17.034	0.018	77	2421768	22.4	
S 191 Methyl Phenols,Total	100				0		42.8	

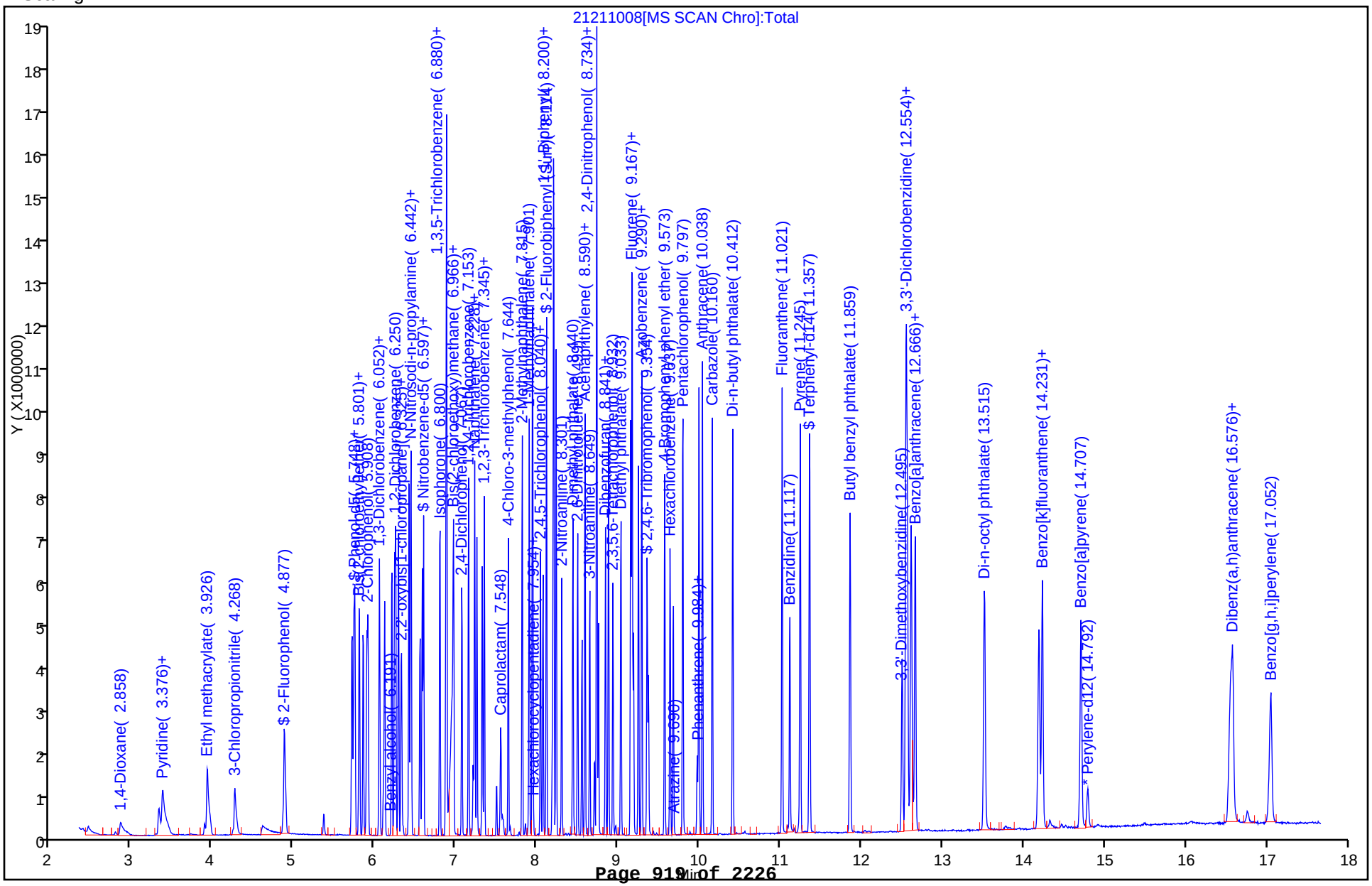
Report Date: 12-Dec-2012 07:43:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211008.D

Injection Date:	11-Dec-2012 14:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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\20121211-15722.b\21211009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	11-Dec-2012 15:03:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0015722-009		
Misc. Info.:	STD7 TCL =STD7 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	68161	Lims Sample ID:	9
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:06	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 15:58:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.098	6.098	0.0	87	138601	4.00	
* 2 Naphthalene-d8	136	7.209	7.209	0.0	99	563452	4.00	
* 3 Acenaphthene-d10	164	8.705	8.705	0.0	68	327406	4.00	
* 4 Phenanthrene-d10	188	9.971	9.971	0.0	81	582312	4.00	
* 5 Chrysene-d12	240	12.626	12.626	0.0	79	594056	4.00	
* 6 Perylene-d12	264	14.790	14.790	0.0	90	472513	4.00	
$ 7 2-Fluorophenol	112	4.880	4.880	0.0	94	764427	15.1	
$ 8 Phenol-d5	99	5.735	5.735	0.0	0	1138866	15.5	
$ 9 Nitrobenzene-d5	82	6.579	6.579	0.0	84	1480900	15.5	
$ 10 2-Fluorobiphenyl (Surr)	172	8.112	8.112	0.0	95	1980163	15.7	
$ 11 2,4,6-Tribromophenol	330	9.373	9.373	0.0	68	166287	16.8	
$ 12 Terphenyl-d14	244	11.360	11.360	0.0	96	1892267	15.9	
25 1,4-Dioxane	88	2.861	2.861	0.0	87	358672	14.8	
26 N-Nitrosodimethylamine	74	3.326	3.336	-0.010	81	520500	15.1	
27 Pyridine	79	3.379	3.390	-0.011	89	1014119	15.4	
28 Ethyl methacrylate	69	3.929	3.929	0.0	82	910259	15.0	
29 3-Chloropropionitrile	54	4.266	4.266	0.0	86	435823	16.1	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	88	1048580	14.2	
43 Phenol	94	5.746	5.746	0.0	91	1272720	15.2	
44 Aniline	93	5.804	5.799	0.005	97	1585428	15.6	
69 Bis(2-chloroethyl)ether	93	5.852	5.853	-0.001	97	1178628	15.3	
46 2-Chlorophenol	128	5.911	5.906	0.005	91	715662	15.2	
47 1,3-Dichlorobenzene	146	6.050	6.050	0.0	84	922931	14.9	
48 1,4-Dichlorobenzene	146	6.114	6.114	0.0	78	770872	14.7	
49 Benzyl alcohol	108	6.205	6.200	0.005	83	559701	15.4	
50 1,2-Dichlorobenzene	146	6.253	6.253	0.0	83	885079	15.0	
51 2-Methylphenol	108	6.285	6.285	0.0	95	808049	15.4	
53 2,2'-oxybis[1-chloropropane]	45	6.323	6.323	0.0	95	1151306	15.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.413	6.413	0.0	90	873978	15.5	
57 N-Nitrosodi-n-propylamine	70	6.435	6.429	0.006	69	871860	15.6	
58 Acetophenone	105	6.440	6.440	0.0	87	1293928	15.4	
61 Hexachloroethane	117	6.552	6.552	0.0	90	399460	14.8	
62 Nitrobenzene	77	6.595	6.595	0.0	76	1573850	15.4	
64 Isophorone	82	6.798	6.793	0.005	94	2336821	15.7	
66 2-Nitrophenol	139	6.873	6.868	0.005	83	380548	15.5	
67 1,3,5-Trichlorobenzene	180	6.883	6.878	0.005	87	796270	14.6	
65 2,4-Dimethylphenol	107	6.878	6.878	0.0	96	974254	15.2	
71 Benzoic acid	122	6.948	6.916	0.032	79	933598	28.9	
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	93	1510060	15.4	
73 2,4-Dichlorophenol	162	7.070	7.071	-0.001	92	567586	15.2	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	82	792437	14.8	
75 Naphthalene	128	7.225	7.225	0.0	98	2143944	14.9	
76 4-Chloroaniline	127	7.252	7.252	0.0	79	885540	15.2	
79 Hexachlorobutadiene	225	7.322	7.322	0.0	87	424798	14.5	
80 1,2,3-Trichlorobenzene	180	7.343	7.343	0.0	84	728136	0	
84 Caprolactam	113	7.546	7.530	0.016	84	221008	15.2	
86 4-Chloro-3-methylphenol	107	7.642	7.637	0.005	81	845103	15.3	
87 2-Methylnaphthalene	142	7.813	7.813	0.0	85	1429249	14.8	
88 1-Methylnaphthalene	142	7.898	7.899	-0.001	79	1382806	15.6	
89 Hexachlorocyclopentadiene	237	7.941	7.941	0.0	67	520515	16.7	
90 1,2,3,5-Tetrachlorobenzene	216	7.941	7.941	0.0	83	794289	16.1	
92 2,4,6-Trichlorophenol	196	8.037	8.037	0.0	88	433672	16.1	
93 2,4,5-Trichlorophenol	196	8.069	8.070	-0.001	89	455842	15.9	
97 2,4-Toluene diamine	121	8.182	8.182	0.0	95	384486	14.7	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	83	771009	0	
98 1,1'-Biphenyl	154	8.203	8.203	0.0	95	1791869	16.0	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	97	1632869	16.1	
102 2-Nitroaniline	65	8.299	8.299	0.0	71	631536	16.4	
105 Dimethyl phthalate	163	8.438	8.438	0.0	93	1573880	16.0	
107 2,6-Dinitrotoluene	165	8.497	8.497	0.0	76	426261	15.6	
108 1,2-Dinitrobenzene	168	8.550	8.545	0.005	81	208673	15.5	
109 Acenaphthylene	152	8.588	8.588	0.0	87	2358982	16.5	
110 3-Nitroaniline	138	8.646	8.646	0.0	85	401871	17.5	
112 Acenaphthene	153	8.732	8.732	0.0	86	1433257	15.6	
111 2,4-Dinitrophenol	184	8.732	8.732	0.0	71	495431	30.3	
113 4-Nitrophenol	109	8.753	8.748	0.005	80	292330	16.1	
114 2,4-Dinitrotoluene	165	8.839	8.839	0.0	78	567878	16.9	
116 Dibenzofuran	168	8.876	8.876	0.0	86	1969449	15.7	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.935	-0.005	84	387614	16.4	
121 Diethyl phthalate	149	9.031	9.031	0.0	95	1570846	16.0	
123 4-Chlorophenyl phenyl ether	204	9.154	9.154	0.0	93	950329	15.8	
125 4-Nitroaniline	138	9.165	9.165	0.0	76	414924	15.2	
126 Fluorene	166	9.170	9.170	0.0	69	1656872	15.7	
128 4,6-Dinitro-2-methylphenol	198	9.186	9.186	0.0	74	307648	15.0	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	94	1244234	16.1	
132 1,2-Diphenylhydrazine	77	9.287	9.288	-0.001	100	3031687	16.3	
133 Azobenzene	77	9.287	9.288	-0.001	93	3032612	16.3	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	70	483496	15.1	
141 Hexachlorobenzene	284	9.640	9.640	0.0	78	475850	15.1	
142 Atrazine	200	9.677	9.677	0.0	82	339774	14.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.795	9.795	0.0	77	624792	29.7	
148 Phenanthrene	178	9.993	9.993	0.0	83	2407184	15.1	
149 Anthracene	178	10.035	10.035	0.0	83	2580698	16.8	
151 Carbazole	167	10.158	10.158	0.0	79	2304421	15.9	
154 Di-n-butyl phthalate	149	10.409	10.409	0.0	100	2920706	16.3	
159 Fluoranthene	202	11.018	11.018	0.0	78	2709684	15.9	
160 Benzidine	184	11.114	11.115	-0.001	87	1217581	15.1	
161 Pyrene	202	11.243	11.243	0.0	73	2804155	15.7	
168 Butyl benzyl phthalate	149	11.857	11.857	0.0	86	1208344	16.2	
172 3,3'-Dimethoxybenzidine	244	12.498	12.498	0.0	84	610583	14.9	
175 3,3'-Dichlorobenzidine	252	12.552	12.546	0.006	72	927359	16.6	
174 4,4'-Methylene bis(2-chloroanili	231	12.546	12.546	0.0	74	487987	16.3	
173 Bis(2-ethylhexyl) phthalate	149	12.562	12.568	-0.006	95	1771277	16.5	
177 Benzo[a]anthracene	228	12.610	12.610	0.0	82	2566611	15.6	
178 Chrysene	228	12.664	12.658	0.006	83	2372161	15.6	
180 Di-n-octyl phthalate	149	13.513	13.518	-0.005	100	2988206	14.8	
182 Benzo[b]fluoranthene	252	14.186	14.181	0.005	80	2263119	15.4	
183 Benzo[k]fluoranthene	252	14.229	14.229	0.0	84	2311238	15.9	
184 Benzo[a]pyrene	252	14.704	14.704	0.0	77	2149554	16.3	
188 Indeno[1,2,3-cd]pyrene	276	16.547	16.542	0.005	74	2229133	15.4	
189 Dibenz(a,h)anthracene	278	16.569	16.574	-0.005	74	1901201	15.6	
190 Benzo[g,h,i]perylene	276	17.050	17.034	0.016	78	1876236	15.6	
S 191 Methyl Phenols,Total	100				0		30.9	

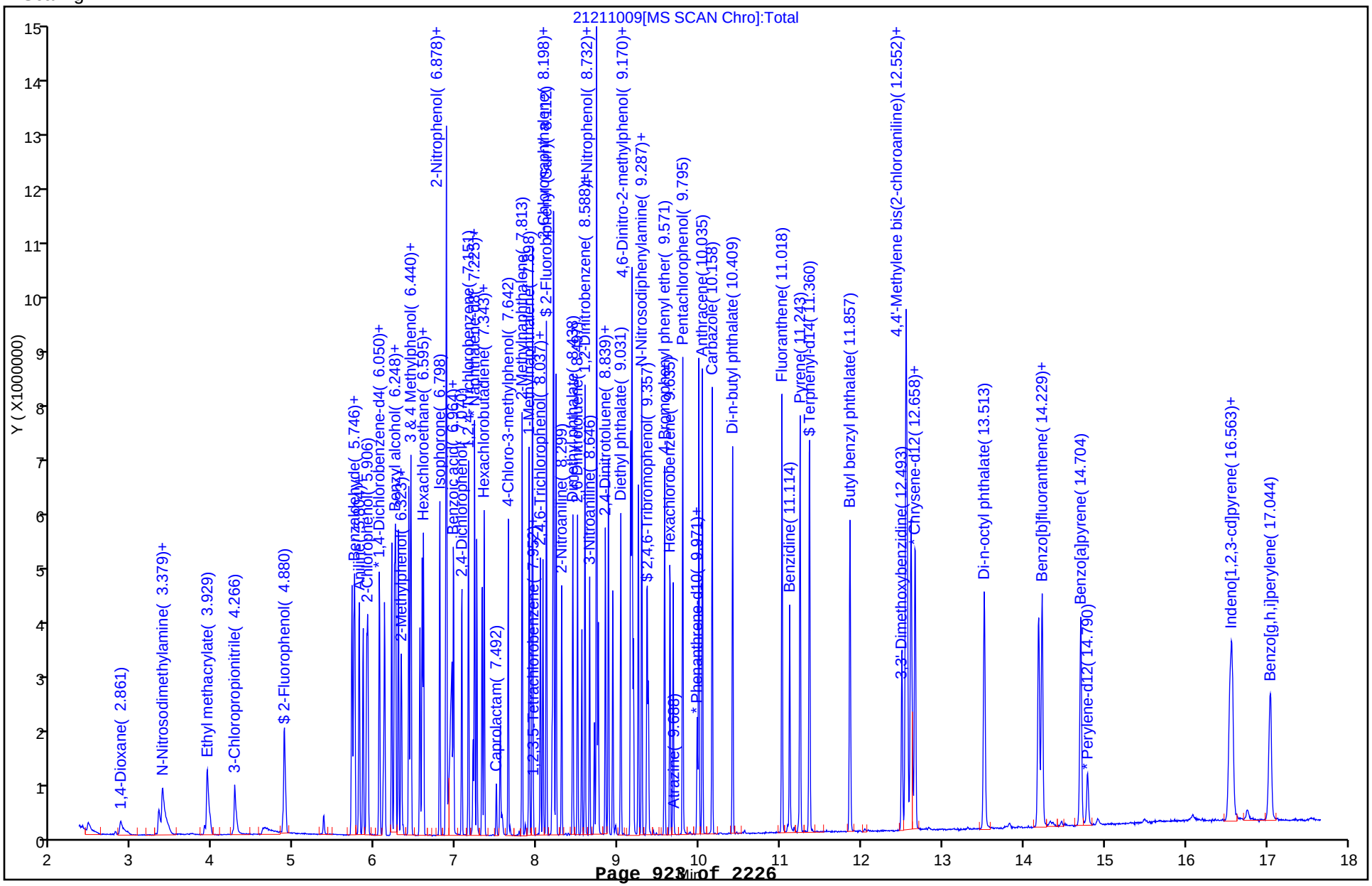
Report Date: 12-Dec-2012 07:43:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211009.D

Injection Date:	11-Dec-2012 15:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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\20121211-15722.b\21211010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	11-Dec-2012 15:28:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0015722-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	68161	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:08	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 16:08:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.099	0.0	87	126374	4.00	
* 2 Naphthalene-d8	136	7.205	7.205	0.0	99	521726	4.00	
* 3 Acenaphthene-d10	164	8.706	8.706	0.0	79	321083	4.00	
* 4 Phenanthrene-d10	188	9.972	9.972	0.0	80	553057	4.00	
* 5 Chrysene-d12	240	12.622	12.622	0.0	77	558818	4.00	
* 6 Perylene-d12	264	14.791	14.791	0.0	78	422603	4.00	
$ 7 2-Fluorophenol	112	4.881	4.881	0.0	92	472056	10.2	
$ 8 Phenol-d5	99	5.736	5.736	0.0	0	692548	10.3	
$ 9 Nitrobenzene-d5	82	6.580	6.580	0.0	84	881073	9.96	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.113	0.0	95	1171298	9.47	
$ 11 2,4,6-Tribromophenol	330	9.369	9.369	0.0	69	107406	11.0	
$ 12 Terphenyl-d14	244	11.356	11.356	0.0	96	1123571	10.0	
25 1,4-Dioxane	88	2.862	2.862	0.0	83	227163	10.3	
26 N-Nitrosodimethylamine	74	3.332	3.332	0.0	71	311548	10.3	
27 Pyridine	79	3.385	3.385	0.0	94	624491	10.4	
28 Ethyl methacrylate	69	3.930	3.930	0.0	83	544607	9.83	
29 3-Chloropropionitrile	54	4.272	4.272	0.0	83	240800	9.79	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.715	5.715	0.0	82	693486	10.3	
43 Phenol	94	5.747	5.747	0.0	88	779057	10.2	
44 Aniline	93	5.800	5.800	0.0	94	949462	10.3	
69 Bis(2-chloroethyl)ether	93	5.848	5.848	0.0	94	715527	10.2	
46 2-Chlorophenol	128	5.907	5.907	0.0	89	458516	10.7	
47 1,3-Dichlorobenzene	146	6.051	6.051	0.0	83	573733	10.2	
48 1,4-Dichlorobenzene	146	6.115	6.115	0.0	81	478483	10.0	
49 Benzyl alcohol	108	6.206	6.206	0.0	87	343504	10.4	
50 1,2-Dichlorobenzene	146	6.254	6.254	0.0	87	539349	10.0	
51 2-Methylphenol	108	6.286	6.286	0.0	94	495251	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.324	6.324	0.0	95	703910	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.414	6.414	0.0	90	515639	10.0	
57 N-Nitrosodi-n-propylamine	70	6.430	6.430	0.0	68	516851	10.1	
58 Acetophenone	105	6.441	6.441	0.0	82	787588	10.3	
61 Hexachloroethane	117	6.553	6.553	0.0	91	243857	9.92	
62 Nitrobenzene	77	6.596	6.596	0.0	73	949381	10.0	
64 Isophorone	82	6.794	6.794	0.0	94	1407115	10.2	
66 2-Nitrophenol	139	6.869	6.869	0.0	81	225658	9.95	
67 1,3,5-Trichlorobenzene	180	6.879	6.879	0.0	82	473055	9.38	
65 2,4-Dimethylphenol	107	6.879	6.879	0.0	96	616141	10.4	
71 Benzoic acid	122	6.933	6.933	0.0	83	572911	20.0	
70 Bis(2-chloroethoxy)methane	93	6.965	6.965	0.0	98	897333	9.90	
73 2,4-Dichlorophenol	162	7.066	7.066	0.0	90	358887	10.4	
74 1,2,4-Trichlorobenzene	180	7.152	7.152	0.0	81	481334	9.73	
75 Naphthalene	128	7.226	7.226	0.0	98	1315470	9.89	
76 4-Chloroaniline	127	7.253	7.253	0.0	79	539109	9.98	
79 Hexachlorobutadiene	225	7.317	7.317	0.0	86	266391	9.84	
80 1,2,3-Trichlorobenzene	180	7.344	7.344	0.0	82	451240	0	
84 Caprolactam	113	7.536	7.536	0.0	80	146875	10.9	
86 4-Chloro-3-methylphenol	107	7.643	7.643	0.0	81	513816	10.1	
87 2-Methylnaphthalene	142	7.814	7.814	0.0	84	866460	9.69	
88 1-Methylnaphthalene	142	7.900	7.900	0.0	81	825101	10.0	
89 Hexachlorocyclopentadiene	237	7.942	7.942	0.0	77	302126	9.90	
90 1,2,3,5-Tetrachlorobenzene	216	7.942	7.942	0.0	83	482625	9.96	
92 2,4,6-Trichlorophenol	196	8.038	8.038	0.0	85	265589	10.0	
93 2,4,5-Trichlorophenol	196	8.071	8.071	0.0	89	281598	10.0	
97 2,4-Toluene diamine	121	8.183	8.183	0.0	97	256321	10.5	
99 1,2,3,4 -Tetrachlorobenzene	216	8.199	8.199	0.0	79	470747	0	
98 1,1'-Biphenyl	154	8.204	8.204	0.0	95	1078606	9.81	
100 2-Chloronaphthalene	162	8.231	8.231	0.0	93	976740	9.83	
102 2-Nitroaniline	65	8.300	8.300	0.0	73	386671	10.2	
105 Dimethyl phthalate	163	8.439	8.439	0.0	95	944030	9.82	
107 2,6-Dinitrotoluene	165	8.498	8.498	0.0	76	251169	9.78	
108 1,2-Dinitrobenzene	168	8.546	8.546	0.0	80	123665	9.60	
109 Acenaphthylene	152	8.589	8.589	0.0	92	1393064	9.96	
110 3-Nitroaniline	138	8.647	8.647	0.0	87	234753	10.4	
112 Acenaphthene	153	8.733	8.733	0.0	89	872629	9.68	
111 2,4-Dinitrophenol	184	8.733	8.733	0.0	71	311316	20.4	
113 4-Nitrophenol	109	8.749	8.749	0.0	84	179979	10.1	
114 2,4-Dinitrotoluene	165	8.840	8.840	0.0	81	334055	10.2	
116 Dibenzofuran	168	8.877	8.877	0.0	85	1182151	9.63	
118 2,3,5,6-Tetrachlorophenol	232	8.931	8.931	0.0	82	227340	9.84	
121 Diethyl phthalate	149	9.032	9.032	0.0	95	954130	9.92	
123 4-Chlorophenyl phenyl ether	204	9.150	9.150	0.0	93	584162	9.91	
125 4-Nitroaniline	138	9.166	9.166	0.0	77	252007	9.88	
126 Fluorene	166	9.171	9.171	0.0	62	1006932	9.74	
128 4,6-Dinitro-2-methylphenol	198	9.187	9.187	0.0	73	175834	9.48	
131 N-Nitrosodiphenylamine	169	9.246	9.246	0.0	95	715229	9.75	
132 1,2-Diphenylhydrazine	77	9.289	9.289	0.0	100	1774323	10.0	
133 Azobenzene	77	9.289	9.289	0.0	94	1774258	10.0	
139 4-Bromophenyl phenyl ether	248	9.572	9.572	0.0	67	293263	9.64	
141 Hexachlorobenzene	284	9.636	9.636	0.0	77	288024	9.60	
142 Atrazine	200	9.678	9.678	0.0	84	227203	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.796	9.796	0.0	77	377807	19.5	
148 Phenanthrene	178	9.994	9.994	0.0	86	1433288	9.48	
149 Anthracene	178	10.036	10.036	0.0	82	1499368	10.3	
151 Carbazole	167	10.159	10.159	0.0	82	1347244	9.77	
154 Di-n-butyl phthalate	149	10.410	10.410	0.0	100	1677634	9.83	
159 Fluoranthene	202	11.019	11.019	0.0	78	1582756	9.78	
160 Benzidine	184	11.110	11.110	0.0	85	678226	9.32	
161 Pyrene	202	11.244	11.244	0.0	74	1691659	10.1	
168 Butyl benzyl phthalate	149	11.858	11.858	0.0	90	715901	10.2	
172 3,3'-Dimethoxybenzidine	244	12.494	12.494	0.0	79	341548	9.59	
175 3,3'-Dichlorobenzidine	252	12.542	12.542	0.0	75	542020	10.3	
174 4,4'-Methylene bis(2-chloroanili	231	12.542	12.542	0.0	65	296534	10.5	
173 Bis(2-ethylhexyl) phthalate	149	12.563	12.563	0.0	94	1056973	10.4	
177 Benzo[a]anthracene	228	12.606	12.606	0.0	82	1524683	9.85	
178 Chrysene	228	12.659	12.659	0.0	82	1404427	9.84	
180 Di-n-octyl phthalate	149	13.514	13.514	0.0	100	1666327	9.80	
182 Benzo[b]fluoranthene	252	14.182	14.182	0.0	82	1324716	10.1	
183 Benzo[k]fluoranthene	252	14.225	14.225	0.0	79	1373241	10.6	
184 Benzo[a]pyrene	252	14.700	14.700	0.0	79	1236369	10.5	
188 Indeno[1,2,3-cd]pyrene	276	16.543	16.543	0.0	78	1331518	10.3	
189 Dibenz(a,h)anthracene	278	16.570	16.570	0.0	67	1093326	10.0	
190 Benzo[g,h,i]perylene	276	17.035	17.035	0.0	76	1115126	10.4	
S 191 Methyl Phenols,Total	100				0		20.4	

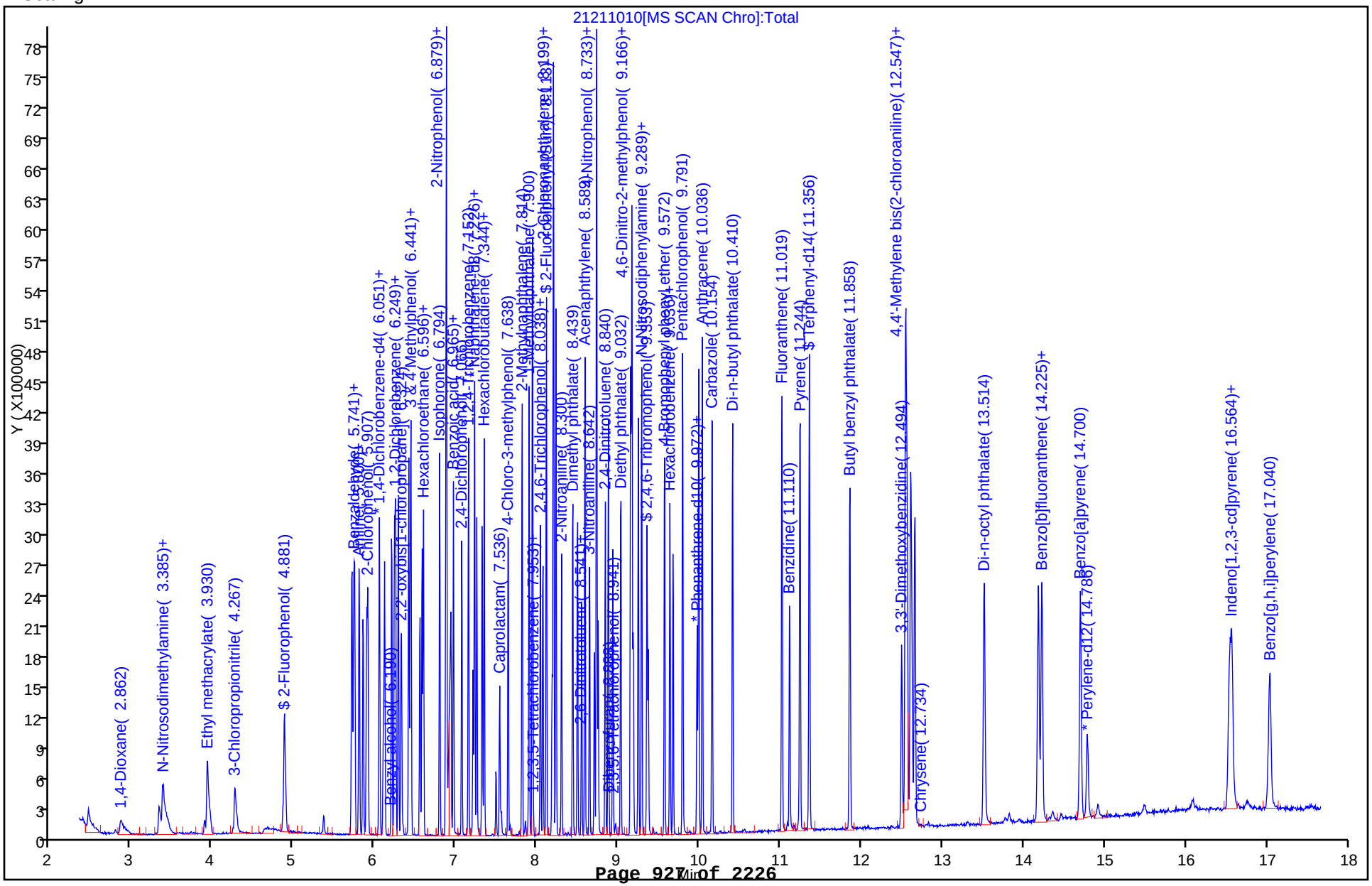
Report Date: 12-Dec-2012 07:43:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D

Injection Date:	11-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-67070/12 Calibration Date: 12/03/2012 15:52

Instrument ID: A4HP9 Calib Start Date: 11/22/2012 11:53

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/22/2012 14:05

Lab File ID: 21203012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4,5-Tetrachlorobenzene	Ave	0.5590		0.0500	0.000550	10.0		20.0
2,6-Dichlorophenol	Ave	0.2986		0.0500	0.0100	10.0		20.0
N-Nitrosopyrrolidine	Ave	0.9013		0.0500	0.00240	10.0		20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D
Lims ID: icv ind
Client ID:
Inject. Date: 03-Dec-2012 15:52:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015467-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 67070
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:01:30
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm
Date: 03-Dec-2012 16:29:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.054	6.050	0.004	83	137958	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	97	564325	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	62	357466	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	75	594843	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	74	624609	4.00	
* 6 Perylene-d12	264	14.676	14.677	-0.001	77	454251	4.00	
25 1,4-Dioxane	88	2.805	2.807	-0.002	81	298989	11.2	
26 N-Nitrosodimethylamine	74	3.276	3.272	0.004	77	395535	11.2	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.664	5.665	-0.001	79	136744	1.93	
43 Phenol	94	5.701	5.703	-0.002	92	999021	11.2	
44 Aniline	93	5.754	5.751	0.003	84	1054544	9.50	
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	91	777591	11.3	
46 2-Chlorophenol	128	5.861	5.858	0.003	88	552972	11.0	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	77	614232	11.3	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	75	609410	11.1	
49 Benzyl alcohol	108	6.155	6.157	-0.002	84	453451	10.9	
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	80	596884	11.3	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
51 2-Methylphenol	108	6.240	6.237	0.003	93	629200	10.6	
53 2,2'-oxybis[1-chloropropane]	45	6.273	6.274	-0.001	95	804619	11.5	
21 3 & 4 Methylphenol	108	6.363	6.365	-0.002	93	697345	11.1	
57 N-Nitrosodi-n-propylamine	70	6.385	6.386	-0.001	70	722835	11.6	
58 Acetophenone	105	6.395	6.392	0.003	75	1003264	11.0	
61 Hexachloroethane	117	6.502	6.504	-0.002	90	273697	10.7	
62 Nitrobenzene	77	6.545	6.547	-0.002	76	1024405	11.3	
64 Isophorone	82	6.743	6.744	-0.001	93	1878947	11.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.817	6.819	-0.002	81	289166	11.7	
65 2,4-Dimethylphenol	107	6.828	6.830	-0.002	96	705084	10.1	
71 Benzoic acid	122	6.882	6.889	-0.007	78	728200	23.2	
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	98	942848	11.1	
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	92	459393	11.5	
74 1,2,4-Trichlorobenzene	180	7.101	7.102	-0.001	73	540081	10.9	
75 Naphthalene	128	7.175	7.177	-0.002	81	1690873	10.9	
76 4-Chloroaniline	127	7.202	7.204	-0.002	78	658560	10.7	
79 Hexachlorobutadiene	225	7.272	7.268	0.004	87	301779	11.2	
84 Caprolactam	113	7.485	7.487	-0.002	82	207806	12.7	
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	79	631746	10.8	
87 2-Methylnaphthalene	142	7.763	7.759	0.004	84	1069979	11.0	
89 Hexachlorocyclopentadiene	237	7.891	7.893	-0.002	85	340568	11.9	
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	85	345636	11.2	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	90	372765	10.9	
98 1,1'-Biphenyl	154	8.148	8.149	-0.001	95	1442922	11.2	
100 2-Chloronaphthalene	162	8.180	8.181	-0.001	93	1098957	11.2	
102 2-Nitroaniline	65	8.249	8.246	0.003	71	520802	11.4	
105 Dimethyl phthalate	163	8.388	8.384	0.004	93	1277892	11.0	
107 2,6-Dinitrotoluene	165	8.441	8.443	-0.002	73	283135	11.7	
109 Acenaphthylene	152	8.532	8.534	-0.002	68	1713965	10.9	
110 3-Nitroaniline	138	8.591	8.593	-0.002	80	290092	11.2	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	70	353977	20.9	
112 Acenaphthene	153	8.676	8.678	-0.002	87	1082656	10.9	
113 4-Nitrophenol	109	8.698	8.700	-0.002	83	223052	11.7	
114 2,4-Dinitrotoluene	165	8.789	8.785	0.004	74	379742	11.7	
116 Dibenzofuran	168	8.826	8.822	0.004	85	1536053	10.7	
121 Diethyl phthalate	149	8.976	8.977	-0.001	95	1255517	10.9	
123 4-Chlorophenyl phenyl ether	204	9.099	9.100	-0.001	88	671563	10.9	
125 4-Nitroaniline	138	9.109	9.111	-0.002	77	266974	9.76	
126 Fluorene	166	9.115	9.116	-0.001	70	1257544	10.3	
128 4,6-Dinitro-2-methylphenol	198	9.131	9.132	-0.001	73	241096	10.8	
131 N-Nitrosodiphenylamine	169	9.195	9.191	0.004	92	903611	11.0	
133 Azobenzene	77	9.232	9.234	-0.002	93	2441037	12.2	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	66	349204	11.6	
141 Hexachlorobenzene	284	9.585	9.581	0.004	82	343623	11.4	
142 Atrazine	200	9.622	9.624	-0.002	79	194049	7.42	
143 Pentachlorophenol	266	9.740	9.741	-0.001	78	519711	22.7	
148 Phenanthrene	178	9.937	9.939	-0.002	81	2004995	11.3	
149 Anthracene	178	9.980	9.982	-0.002	82	2024057	11.4	
151 Carbazole	167	10.103	10.105	-0.002	61	1772488	11.1	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	99	2294133	11.7	
159 Fluoranthene	202	10.958	10.959	-0.001	78	2302388	11.4	
160 Benzidine	184	11.054	11.050	0.004	70	47446	0.9461	
161 Pyrene	202	11.177	11.178	-0.001	73	2309487	10.7	
168 Butyl benzyl phthalate	149	11.786	11.787	-0.001	85	933651	10.8	
175 3,3'-Dichlorobenzidine	252	12.464	12.466	-0.002	72	570939	7.99	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1344128	10.5	
177 Benzo[a]anthracene	228	12.523	12.525	-0.002	79	2038561	10.5	
178 Chrysene	228	12.571	12.573	-0.002	81	1927989	10.8	
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	98	2198975	11.2	
182 Benzo[b]fluoranthene	252	14.077	14.079	-0.002	86	1815220	11.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.120	14.122	-0.002	80	1940920	12.0	
184 Benzo[a]pyrene	252	14.590	14.597	-0.007	75	1585356	10.7	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.403	-0.002	78	1943034	11.9	
189 Dibenz(a,h)anthracene	278	16.428	16.430	-0.002	55	1606401	12.0	
190 Benzo[g,h,i]perylene	276	16.882	16.889	-0.007	79	1616215	11.8	

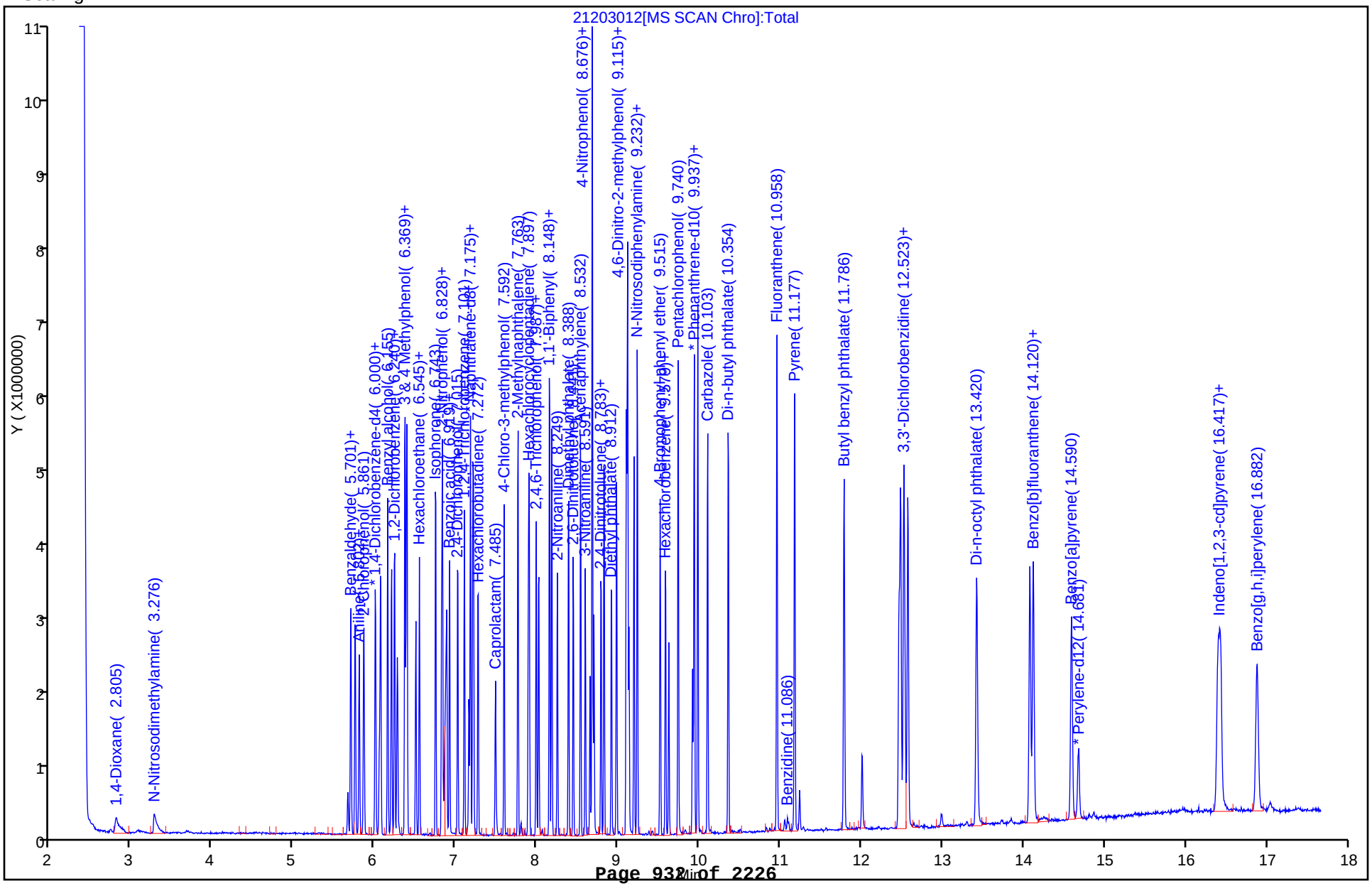
Report Date: 04-Dec-2012 08:01:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D

Injection Date:	03-Dec-2012 15:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	12
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.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-67070/12 Calibration Date: 12/03/2012 15:52

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764	0.8669	0.0500	11.2	10.0	11.7	20.0
N-Nitrosodimethylamine	Ave	1.020	1.147	0.0500	11.2	10.0	12.4	20.0
Benzaldehyde	Qua		0.3965	0.0500	1.93	10.0	-80.7*	20.0
Phenol	Ave	2.575	2.897	0.0500	11.2	10.0	12.5	20.0
Aniline	Ave	3.218	3.058	0.0500	9.50	10.0	-5.0	20.0
Bis(2-chloroethyl)ether	Ave	1.987	2.255	0.0500	11.3	10.0	13.5	20.0
2-Chlorophenol	Ave	1.461	1.603	0.0500	11.0	10.0	9.8	20.0
1,3-Dichlorobenzene	Ave	1.570	1.781	0.0500	11.3	10.0	13.4	20.0
1,4-Dichlorobenzene	Ave	1.586	1.767	0.0500	11.1	10.0	11.4	20.0
Benzyl alcohol	Ave	1.204	1.315	0.0500	10.9	10.0	9.2	20.0
1,2-Dichlorobenzene	Ave	1.526	1.731	0.0500	11.3	10.0	13.4	20.0
2-Methylphenol	Ave	1.718	1.824	0.0500	10.6	10.0	6.2	20.0
3 & 4 Methylphenol	Ave	1.828	2.022	0.0500	11.1	10.0	10.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.801	2.096	0.0500	11.6	10.0	16.4	20.0
Acetophenone	Ave	2.653	2.909	0.0500	11.0	10.0	9.6	20.0
Hexachloroethane	Ave	0.7420	0.7936	0.0500	10.7	10.0	7.0	20.0
Nitrobenzene	Ave	0.6444	0.7261	0.0500	11.3	10.0	12.7	20.0
Isophorone	Ave	1.175	1.332	0.0500	11.3	10.0	13.3	20.0
2-Nitrophenol	Ave	0.1757	0.2050	0.0500	11.7	10.0	16.7	20.0
2,4-Dimethylphenol	Ave	0.4935	0.4998	0.0500	10.1	10.0	1.3	20.0
Benzoic acid	Qua		0.2581	0.0500	23.2	20.0	16.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.6014	0.6683	0.0500	11.1	10.0	11.1	20.0
2,4-Dichlorophenol	Ave	0.2834	0.3256	0.0500	11.5	10.0	14.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3506	0.3828	0.0500	10.9	10.0	9.2	20.0
Naphthalene	Ave	1.099	1.199	0.0500	10.9	10.0	9.1	20.0
Hexachlorobutadiene	Ave	0.1912	0.2139	0.0500	11.2	10.0	11.9	20.0
Caprolactam	Ave	0.1156	0.1473	0.0500	12.7	10.0	27.4*	20.0
4-Chloro-3-methylphenol	Ave	0.4157	0.4478	0.0500	10.8	10.0	7.7	20.0
2-Methylnaphthalene	Ave	0.6886	0.7584	0.0500	11.0	10.0	10.1	20.0
Hexachlorocyclopentadiene	Ave	0.3216	0.3811	0.0500	11.9	10.0	18.5	20.0
2,4,6-Trichlorophenol	Ave	0.3463	0.3868	0.0500	11.2	10.0	11.7	20.0
2,4,5-Trichlorophenol	Ave	0.3811	0.4171	0.0500	10.9	10.0	9.5	20.0
1,1'-Biphenyl	Ave	1.445	1.615	0.0500	11.2	10.0	11.8	20.0
2-Chloronaphthalene	Ave	1.103	1.230	0.0500	11.2	10.0	11.5	20.0
2-Nitroaniline	Ave	0.5134	0.5828	0.0500	11.4	10.0	13.5	20.0
Dimethyl phthalate	Ave	1.299	1.430	0.0500	11.0	10.0	10.0	20.0
2,6-Dinitrotoluene	Ave	0.2702	0.3168	0.0500	11.7	10.0	17.2	20.0
Acenaphthylene	Ave	1.759	1.918	0.0500	10.9	10.0	9.0	20.0
3-Nitroaniline	Ave	0.2907	0.3246	0.0500	11.2	10.0	11.7	20.0
2,4-Dinitrophenol	Qua		0.1981	0.0500	20.9	20.0	4.3	20.0
Acenaphthene	Ave	1.116	1.211	0.0500	10.9	10.0	8.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-67070/12 Calibration Date: 12/03/2012 15:52

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Ave	0.2139	0.2496	0.0500	11.7	10.0	16.7	20.0
2,4-Dinitrotoluene	Ave	0.3626	0.4249	0.0500	11.7	10.0	17.2	20.0
Dibenzofuran	Ave	1.610	1.719	0.0500	10.7	10.0	6.8	20.0
Diethyl phthalate	Ave	1.286	1.405	0.0500	10.9	10.0	9.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6916	0.7515	0.0500	10.9	10.0	8.7	20.0
4-Nitroaniline	Ave	0.3061	0.2987	0.0500	9.76	10.0	-2.4	20.0
Fluorene	Ave	1.363	1.407	0.0500	10.3	10.0	3.2	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1621	0.0500	10.8	10.0	7.6	20.0
N-Nitrosodiphenylamine	Ave	0.5526	0.6076	0.0500	11.0	10.0	10.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2017	0.2348	0.0500	11.6	10.0	16.4	20.0
Hexachlorobenzene	Ave	0.2035	0.2311	0.0500	11.4	10.0	13.5	20.0
Atrazine	Ave	0.1759	0.1305	0.0500	7.42	10.0	-25.8*	20.0
Pentachlorophenol	Qua		0.1747	0.0500	22.7	20.0	13.4	20.0
Phenanthrene	Ave	1.195	1.348	0.0500	11.3	10.0	12.8	20.0
Anthracene	Ave	1.197	1.361	0.0500	11.4	10.0	13.7	20.0
Carbazole	Ave	1.072	1.192	0.0500	11.1	10.0	11.2	20.0
Di-n-butyl phthalate	Ave	1.317	1.543	0.0500	11.7	10.0	17.1	20.0
Fluoranthene	Ave	1.364	1.548	0.0500	11.4	10.0	13.5	20.0
Benzidine	Qua		0.0304*	0.0500	0.946	10.0	-90.5*	20.0
Pyrene	Ave	1.384	1.479	0.0500	10.7	10.0	6.9	20.0
Butyl benzyl phthalate	Ave	0.5524	0.5979	0.0500	10.8	10.0	8.2	20.0
3,3'-Dichlorobenzidine	Qua		0.3656	0.0500	7.99	10.0	-20.1*	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8220	0.8608	0.0500	10.5	10.0	4.7	20.0
Benzo[a]anthracene	Ave	1.246	1.306	0.0500	10.5	10.0	4.8	20.0
Chrysene	Ave	1.142	1.235	0.0500	10.8	10.0	8.1	20.0
Di-n-octyl phthalate	Qua		1.936	0.0500	11.2	10.0	11.6	20.0
Benzo[b]fluoranthene	Ave	1.387	1.598	0.0500	11.5	10.0	15.3	20.0
Benzo[k]fluoranthene	Ave	1.426	1.709	0.0500	12.0	10.0	19.9	20.0
Benzo[a]pyrene	Ave	1.309	1.396	0.0500	10.7	10.0	6.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.438	1.711	0.0500	11.9	10.0	19.0	20.0
Dibenz(a,h)anthracene	Ave	1.180	1.415	0.0500	12.0	10.0	19.9	20.0
Benzo[g,h,i]perylene	Ave	1.208	1.423	0.0500	11.8	10.0	17.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D
Lims ID: icv ind
Client ID:
Inject. Date: 03-Dec-2012 15:52:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015467-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 67070
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:01:30
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm
Date: 03-Dec-2012 16:29:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.054	6.050	0.004	83	137958	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	97	564325	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	62	357466	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	75	594843	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	74	624609	4.00	
* 6 Perylene-d12	264	14.676	14.677	-0.001	77	454251	4.00	
25 1,4-Dioxane	88	2.805	2.807	-0.002	81	298989	11.2	
26 N-Nitrosodimethylamine	74	3.276	3.272	0.004	77	395535	11.2	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.664	5.665	-0.001	79	136744	1.93	
43 Phenol	94	5.701	5.703	-0.002	92	999021	11.2	
44 Aniline	93	5.754	5.751	0.003	84	1054544	9.50	
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	91	777591	11.3	
46 2-Chlorophenol	128	5.861	5.858	0.003	88	552972	11.0	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	77	614232	11.3	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	75	609410	11.1	
49 Benzyl alcohol	108	6.155	6.157	-0.002	84	453451	10.9	
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	80	596884	11.3	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
51 2-Methylphenol	108	6.240	6.237	0.003	93	629200	10.6	
53 2,2'-oxybis[1-chloropropane]	45	6.273	6.274	-0.001	95	804619	11.5	
21 3 & 4 Methylphenol	108	6.363	6.365	-0.002	93	697345	11.1	
57 N-Nitrosodi-n-propylamine	70	6.385	6.386	-0.001	70	722835	11.6	
58 Acetophenone	105	6.395	6.392	0.003	75	1003264	11.0	
61 Hexachloroethane	117	6.502	6.504	-0.002	90	273697	10.7	
62 Nitrobenzene	77	6.545	6.547	-0.002	76	1024405	11.3	
64 Isophorone	82	6.743	6.744	-0.001	93	1878947	11.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.817	6.819	-0.002	81	289166	11.7	
65 2,4-Dimethylphenol	107	6.828	6.830	-0.002	96	705084	10.1	
71 Benzoic acid	122	6.882	6.889	-0.007	78	728200	23.2	
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	98	942848	11.1	
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	92	459393	11.5	
74 1,2,4-Trichlorobenzene	180	7.101	7.102	-0.001	73	540081	10.9	
75 Naphthalene	128	7.175	7.177	-0.002	81	1690873	10.9	
76 4-Chloroaniline	127	7.202	7.204	-0.002	78	658560	10.7	
79 Hexachlorobutadiene	225	7.272	7.268	0.004	87	301779	11.2	
84 Caprolactam	113	7.485	7.487	-0.002	82	207806	12.7	
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	79	631746	10.8	
87 2-Methylnaphthalene	142	7.763	7.759	0.004	84	1069979	11.0	
89 Hexachlorocyclopentadiene	237	7.891	7.893	-0.002	85	340568	11.9	
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	85	345636	11.2	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	90	372765	10.9	
98 1,1'-Biphenyl	154	8.148	8.149	-0.001	95	1442922	11.2	
100 2-Chloronaphthalene	162	8.180	8.181	-0.001	93	1098957	11.2	
102 2-Nitroaniline	65	8.249	8.246	0.003	71	520802	11.4	
105 Dimethyl phthalate	163	8.388	8.384	0.004	93	1277892	11.0	
107 2,6-Dinitrotoluene	165	8.441	8.443	-0.002	73	283135	11.7	
109 Acenaphthylene	152	8.532	8.534	-0.002	68	1713965	10.9	
110 3-Nitroaniline	138	8.591	8.593	-0.002	80	290092	11.2	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	70	353977	20.9	
112 Acenaphthene	153	8.676	8.678	-0.002	87	1082656	10.9	
113 4-Nitrophenol	109	8.698	8.700	-0.002	83	223052	11.7	
114 2,4-Dinitrotoluene	165	8.789	8.785	0.004	74	379742	11.7	
116 Dibenzofuran	168	8.826	8.822	0.004	85	1536053	10.7	
121 Diethyl phthalate	149	8.976	8.977	-0.001	95	1255517	10.9	
123 4-Chlorophenyl phenyl ether	204	9.099	9.100	-0.001	88	671563	10.9	
125 4-Nitroaniline	138	9.109	9.111	-0.002	77	266974	9.76	
126 Fluorene	166	9.115	9.116	-0.001	70	1257544	10.3	
128 4,6-Dinitro-2-methylphenol	198	9.131	9.132	-0.001	73	241096	10.8	
131 N-Nitrosodiphenylamine	169	9.195	9.191	0.004	92	903611	11.0	
133 Azobenzene	77	9.232	9.234	-0.002	93	2441037	12.2	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	66	349204	11.6	
141 Hexachlorobenzene	284	9.585	9.581	0.004	82	343623	11.4	
142 Atrazine	200	9.622	9.624	-0.002	79	194049	7.42	
143 Pentachlorophenol	266	9.740	9.741	-0.001	78	519711	22.7	
148 Phenanthrene	178	9.937	9.939	-0.002	81	2004995	11.3	
149 Anthracene	178	9.980	9.982	-0.002	82	2024057	11.4	
151 Carbazole	167	10.103	10.105	-0.002	61	1772488	11.1	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	99	2294133	11.7	
159 Fluoranthene	202	10.958	10.959	-0.001	78	2302388	11.4	
160 Benzidine	184	11.054	11.050	0.004	70	47446	0.9461	
161 Pyrene	202	11.177	11.178	-0.001	73	2309487	10.7	
168 Butyl benzyl phthalate	149	11.786	11.787	-0.001	85	933651	10.8	
175 3,3'-Dichlorobenzidine	252	12.464	12.466	-0.002	72	570939	7.99	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1344128	10.5	
177 Benzo[a]anthracene	228	12.523	12.525	-0.002	79	2038561	10.5	
178 Chrysene	228	12.571	12.573	-0.002	81	1927989	10.8	
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	98	2198975	11.2	
182 Benzo[b]fluoranthene	252	14.077	14.079	-0.002	86	1815220	11.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.120	14.122	-0.002	80	1940920	12.0	
184 Benzo[a]pyrene	252	14.590	14.597	-0.007	75	1585356	10.7	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.403	-0.002	78	1943034	11.9	
189 Dibenz(a,h)anthracene	278	16.428	16.430	-0.002	55	1606401	12.0	
190 Benzo[g,h,i]perylene	276	16.882	16.889	-0.007	79	1616215	11.8	

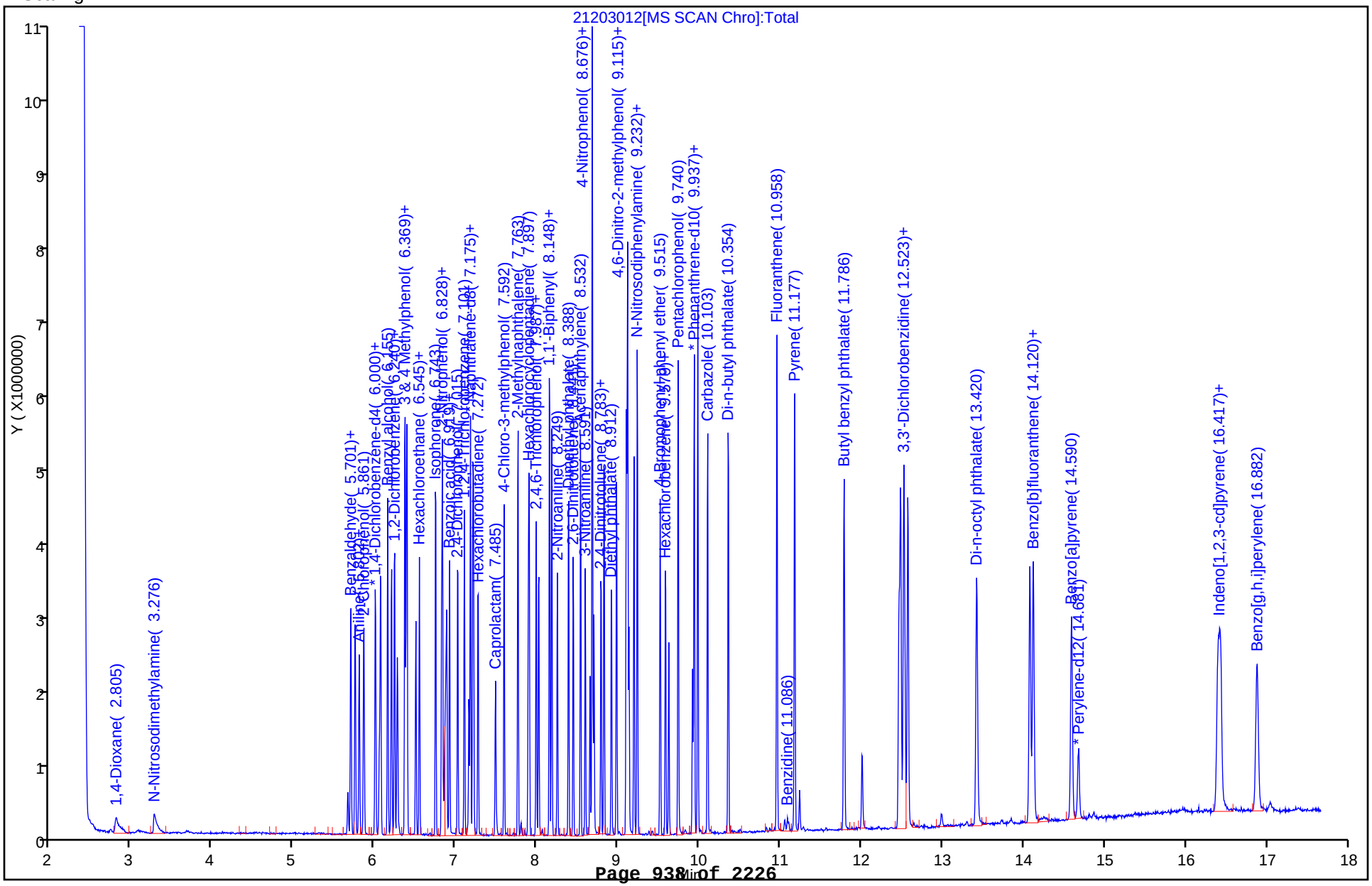
Report Date: 04-Dec-2012 08:01:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D

Injection Date:	03-Dec-2012 15:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	12
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.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/03/2012 21:21

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.099			0.0896	0.100		
2-Methylnaphthalene	Ave	0.6886			0.0846	0.100		
1,1'-Biphenyl	Ave	1.445			0.0917	0.100		
2-Chloronaphthalene	Ave	1.103			0.0957	0.100		
Acenaphthylene	Ave	1.759			0.0991	0.100		
Acenaphthene	Ave	1.116			0.100	0.100		
Hexachlorobenzene	Ave	0.2035			0.0761	0.100		
Phenanthrene	Ave	1.195			0.101	0.100		
Anthracene	Ave	1.197			0.0953	0.100		
Fluoranthene	Ave	1.364			0.100	0.100		
Pyrene	Ave	1.384			0.107	0.100		
Benzo[a]anthracene	Ave	1.246			0.110	0.100		
Chrysene	Ave	1.142			0.118	0.100		
Benzo[b]fluoranthene	Ave	1.387			0.119	0.100		
Benzo[k]fluoranthene	Ave	1.426			0.111	0.100		
Benzo[a]pyrene	Ave	1.309			0.0928	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.0829	0.100		
Dibenz(a,h)anthracene	Ave	1.180			0.0778	0.100		
Benzo[g,h,i]perylene	Ave	1.208			0.0739	0.100		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.526			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.570			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.586			0.000800	0.100		
1,4-Dioxane	Ave	0.7764			0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2834			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4935			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	0.100		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	0.100		
2-Chlorophenol	Ave	1.461			0.000800	0.100		
2-Methylphenol	Ave	1.718			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/03/2012 21:21

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5134			0.000800	0.100		
2-Nitrophenol	Ave	0.1757			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.828			0.000800	0.100		
3,3'-Dichlorobenzidine	Qua				0.000800	0.100		
3-Nitroaniline	Ave	0.2907			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	0.100		
4-Nitroaniline	Ave	0.3061			0.000800	0.100		
4-Nitrophenol	Ave	0.2139			0.00240	0.100		
Acetophenone	Ave	2.653			0.000800	0.100		
Aniline	Ave	3.218			0.00240	0.100		
Atrazine	Ave	0.1759			0.000800	0.100		
Benzaldehyde	Qua				0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.204			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5524			0.000800	0.100		
Caprolactam	Ave	0.1156			0.000800	0.100		
Carbazole	Ave	1.072			0.000800	0.100		
Dibenzofuran	Ave	1.610			0.000100	0.100		
Diethyl phthalate	Ave	1.286			0.000800	0.100		
Dimethyl phthalate	Ave	1.299			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.317			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Fluorene	Ave	1.363			0.000100	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/03/2012 21:21

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.1912			0.000800	0.100		
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	0.100		
Hexachloroethane	Ave	0.7420			0.000800	0.100		
Isophorone	Ave	1.175			0.000800	0.100		
Nitrobenzene	Ave	0.6444			0.000100	0.100		
N-Nitrosodimethylamine	Ave	1.020			0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5526			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.575			0.000800	0.100		
Pyridine	Ave	2.082			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.0924	0.100	92	35-100
2-Fluorobiphenyl (Surr)	Ave	1.328			0.0927	0.100	93	45-105
Terphenyl-d14 (Surr)	Ave	0.8194			0.102	0.100	102	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.574			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.273			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203025.D
Lims ID: mdll1 Client ID:
Inject. Date: 03-Dec-2012 21:21:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015467-025
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 67070 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 11:00:00 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 04-Dec-2012 09:15:45

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.050	0.0	87	207444	4.00	
* 2 Naphthalene-d8	136	7.156	7.156	0.0	98	869065	4.00	
* 3 Acenaphthene-d10	164	8.652	8.652	0.0	62	538330	4.00	
* 4 Phenanthrene-d10	188	9.913	9.918	-0.005	73	955227	4.00	
* 5 Chrysene-d12	240	12.536	12.541	-0.005	75	922784	4.00	
* 6 Perylene-d12	264	14.678	14.677	0.001	89	685010	4.00	
$ 7 2-Fluorophenol	112		4.832					9
$ 8 Phenol-d5	99		5.687					
$ 9 Nitrobenzene-d5	82	6.526	6.531	-0.005	68	12295	0.0924	
$ 10 2-Fluorobiphenyl (Surr)	172	8.059	8.059	0.0	76	16575	0.0927	
$ 11 2,4,6-Tribromophenol	330		9.319					9
$ 12 Terphenyl-d14	244	11.285	11.291	-0.006	66	19362	0.1024	
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.807					9
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74		3.272					9
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.320					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.876					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					9
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.665					
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94		5.703					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93		5.804					
46 2-Chlorophenol	128		5.858					
47 1,3-Dichlorobenzene	146		6.002					
48 1,4-Dichlorobenzene	146		6.066					
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108		6.157					
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146		6.199					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108		6.237					
53 2,2'-oxybis[1-chloropropane]	45		6.274					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108		6.365					
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70		6.386					
58 Acetophenone	105		6.392					
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117		6.504					9
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77		6.547					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					9
230 Diallate Peak 2	86		6.695					
64 Isophorone	82		6.744					
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139		6.819					9
65 2,4-Dimethylphenol	107		6.830					
67 1,3,5-Trichlorobenzene	180		6.830					
71 Benzoic acid	122		6.889					
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93		6.915					
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162		7.017					
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180		7.102					
75 Naphthalene	128	7.172	7.177	-0.005	37	21376	0.0896	
76 4-Chloroaniline	127		7.204					9
79 Hexachlorobutadiene	225		7.268					9
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180		7.295					
84 Caprolactam	113		7.487					9
155 Ethyl Parathion	97		7.560					9
86 4-Chloro-3-methylphenol	107		7.594					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.760	7.759	0.001	67	12652	0.0846	
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142	7.845	7.850	-0.005	60	13961	0.0964	
90 1,2,3,5-Tetrachlorobenzene	216		7.888					9
89 Hexachlorocyclopentadiene	237		7.893					
92 2,4,6-Trichlorophenol	196		7.989					9
93 2,4,5-Trichlorophenol	196		8.016					
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.133					
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					9
98 1,1'-Biphenyl	154	8.150	8.149	0.001	69	17829	0.0917	
100 2-Chloronaphthalene	162	8.182	8.181	0.001	75	14204	0.0957	
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65		8.246					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.384					
107 2,6-Dinitrotoluene	165		8.443					9
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168		8.497					9
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152	8.534	8.534	0.0	72	23455	0.0991	
110 3-Nitroaniline	138		8.593					
111 2,4-Dinitrophenol	184		8.678					
112 Acenaphthene	153	8.679	8.678	0.0	79	15069	0.1004	
113 4-Nitrophenol	109		8.700					9
171 2-Acetylaminofluorene	181		8.713					
114 2,4-Dinitrotoluene	165		8.785					9
116 Dibenzofuran	168		8.822					
118 2,3,5,6-Tetrachlorophenol	232		8.881					9
121 Diethyl phthalate	149		8.977					
123 4-Chlorophenyl phenyl ether	204		9.100					
125 4-Nitroaniline	138		9.111					
126 Fluorene	166		9.116					9
128 4,6-Dinitro-2-methylphenol	198		9.132					
131 N-Nitrosodiphenylamine	169		9.191					
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77		9.234					
132 1,2-Diphenylhydrazine	77		9.234					
139 4-Bromophenyl phenyl ether	248		9.517					9
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.581	9.581	0.0	42	3699	0.0761	
142 Atrazine	200		9.624					9
143 Pentachlorophenol	266		9.741					9
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.934	9.939	-0.005	70	28934	0.1014	
149 Anthracene	178	9.977	9.982	-0.005	86	27240	0.0953	
150 DFTPP								
151 Carbazole	167		10.105					
154 Di-n-butyl phthalate	149		10.356					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.954	10.959	-0.005	87	32579	0.1000	
160 Benzidine	184		11.050					9
161 Pyrene	202	11.173	11.178	-0.005	72	34178	0.1070	
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149		11.787					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244		12.418					9
174 4,4'-Methylene bis(2-chloroanili	231		12.466					9
175 3,3'-Dichlorobenzidine	252		12.466					9
173 Bis(2-ethylhexyl) phthalate	149		12.482					
177 Benzo[a]anthracene	228	12.519	12.525	-0.006	42	31741	0.1105	
178 Chrysene	228	12.568	12.573	-0.005	62	30966	0.1175	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.422					
182 Benzo[b]fluoranthene	252	14.074	14.079	-0.005	69	28174	0.1187	
183 Benzo[k]fluoranthene	252	14.117	14.122	-0.005	55	27072	0.1109	
184 Benzo[a]pyrene	252	14.587	14.597	-0.010	47	20809	0.0928	
188 Indeno[1,2,3-cd]pyrene	276	16.398	16.403	-0.005	0	20423	0.0829	M
189 Dibenz(a,h)anthracene	278	16.425	16.430	-0.005	0	15718	0.0778	M
190 Benzo[g,h,i]perylene	276	16.868	16.889	-0.021	75	15288	0.0739	
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					1
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					1
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
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

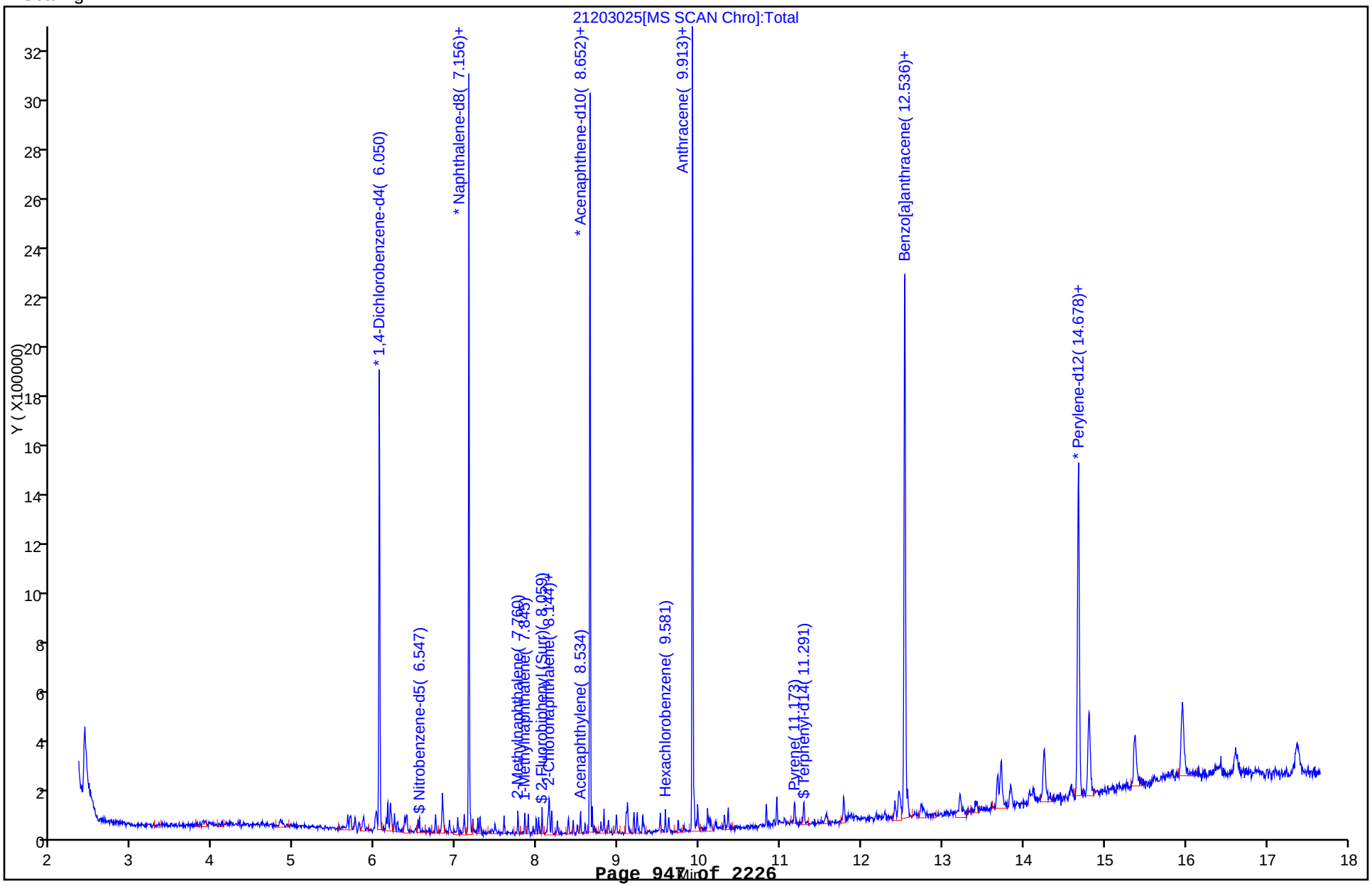
Report Date: 04-Dec-2012 11:00:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203025.D

Injection Date:	03-Dec-2012 21:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	25
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

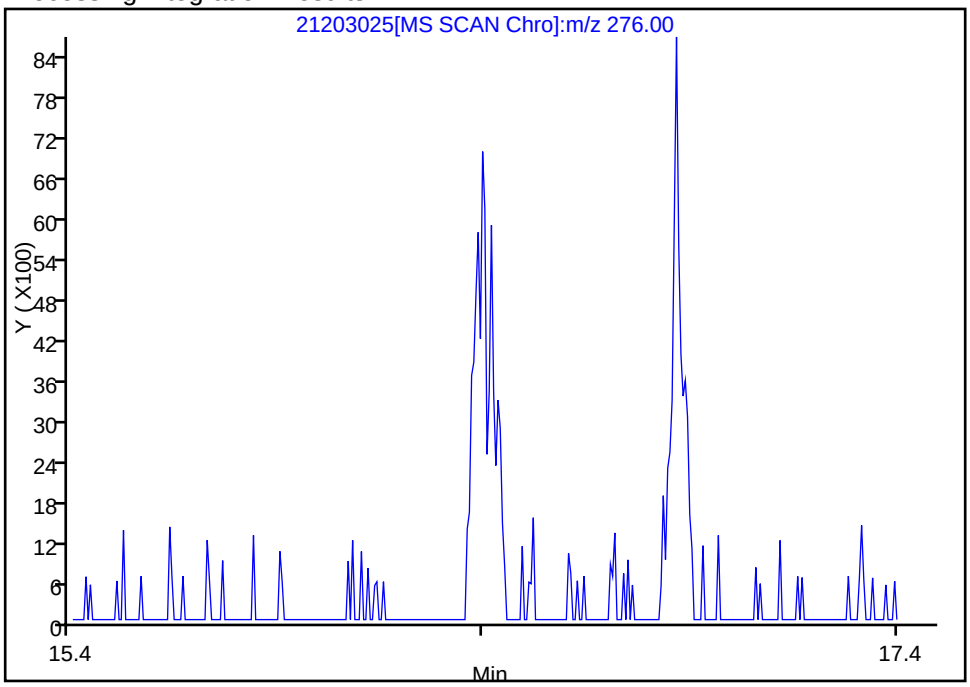
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203025.D		
Injection Date:	03-Dec-2012 21:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	25
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

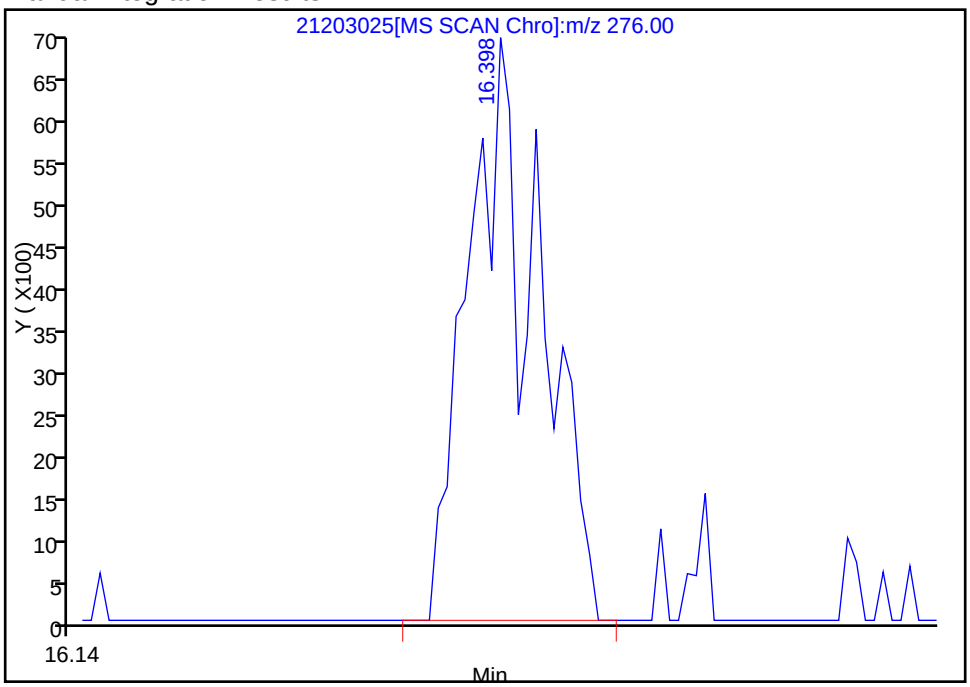
Processing Integration Results

Not Detected
Expected RT: 16.40



Manual Integration Results

RT: 16.40
Response: 20423
Amount: 0.082940



Reviewer: ulmanm, 04-Dec-2012 09:15:45
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

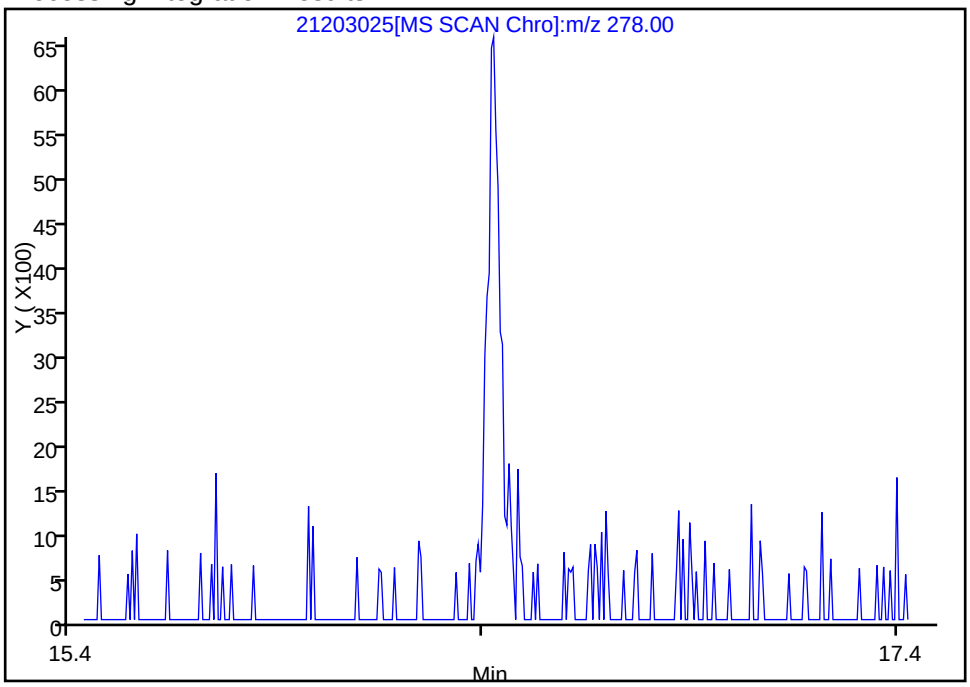
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203025.D		
Injection Date:	03-Dec-2012 21:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	25
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: 16.43

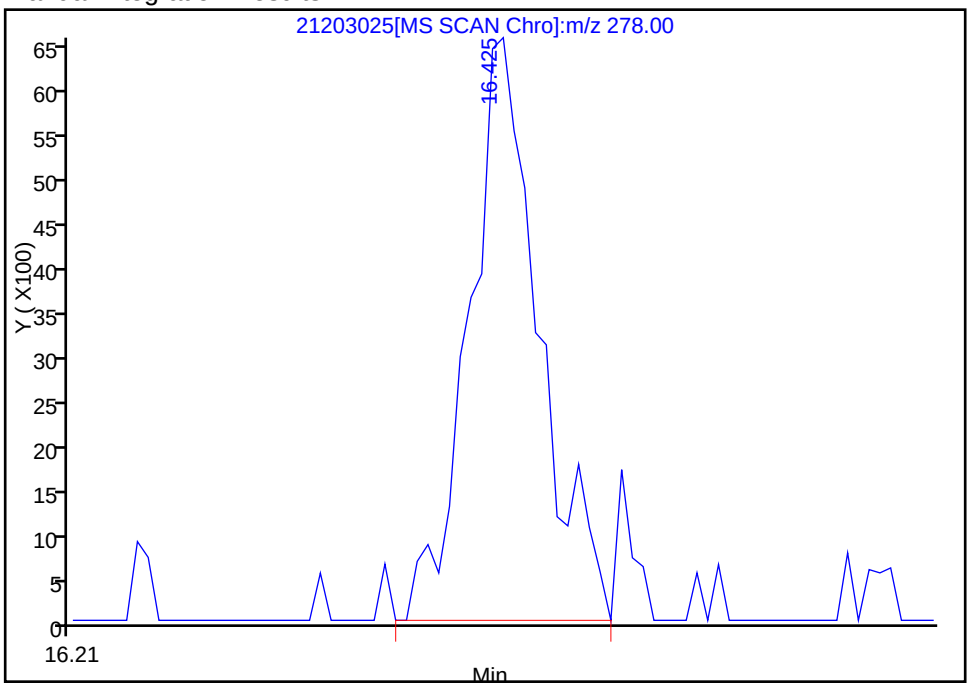
Processing Integration Results

Not Detected
Expected RT: 16.43



Manual Integration Results

RT: 16.42
Response: 15718
Amount: 0.077780



Reviewer: ulmanm, 04-Dec-2012 09:15:45
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/03/2012 21:47

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764			0.802	0.500		
N-Nitrosodimethylamine	Ave	1.020			0.422	0.500		
Pyridine	Ave	2.082			0.497	0.500		
Benzaldehyde	Qua				0.577	0.500		
Phenol	Ave	2.575			0.460	0.500		
Aniline	Ave	3.218			0.464	0.500		
Bis(2-chloroethyl)ether	Ave	1.987			0.479	0.500		
2-Chlorophenol	Ave	1.461			0.467	0.500		
1,3-Dichlorobenzene	Ave	1.570			0.468	0.500		
1,4-Dichlorobenzene	Ave	1.586			0.520	0.500		
Benzyl alcohol	Ave	1.204			0.500	0.500		
1,2-Dichlorobenzene	Ave	1.526			0.453	0.500		
2-Methylphenol	Ave	1.718			0.498	0.500		
3 & 4 Methylphenol	Ave	1.828			0.452	0.500		
N-Nitrosodi-n-propylamine	Ave	1.801			0.477	0.500		
Acetophenone	Ave	2.653			0.441	0.500		
Hexachloroethane	Ave	0.7420			0.236	0.500		
Nitrobenzene	Ave	0.6444			0.473	0.500		
Isophorone	Ave	1.175			0.431	0.500		
2-Nitrophenol	Ave	0.1757			0.473	0.500		
2,4-Dimethylphenol	Ave	0.4935			0.454	0.500		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.466	0.500		
2,4-Dichlorophenol	Ave	0.2834			0.437	0.500		
1,2,4-Trichlorobenzene	Ave	0.3506			0.450	0.500		
Hexachlorobutadiene	Ave	0.1912			0.443	0.500		
Caprolactam	Ave	0.1156			0.538	0.500		
4-Chloro-3-methylphenol	Ave	0.4157			0.488	0.500		
2-Methylnaphthalene	Ave	0.6886			0.455	0.500		
2,4,6-Trichlorophenol	Ave	0.3463			0.455	0.500		
2,4,5-Trichlorophenol	Ave	0.3811			0.470	0.500		
2-Nitroaniline	Ave	0.5134			0.549	0.500		
Dimethyl phthalate	Ave	1.299			0.477	0.500		
2,6-Dinitrotoluene	Ave	0.2702			0.485	0.500		
3-Nitroaniline	Ave	0.2907			0.463	0.500		
4-Nitrophenol	Ave	0.2139			0.426	0.500		
2,4-Dinitrotoluene	Ave	0.3626			0.359	0.500		
Dibenzofuran	Ave	1.610			0.459	0.500		
Diethyl phthalate	Ave	1.286			0.481	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.468	0.500		
4-Nitroaniline	Ave	0.3061			0.403	0.500		
N-Nitrosodiphenylamine	Ave	0.5526			0.451	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/03/2012 21:47

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203026.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	1.346			0.428	0.500		
4-Bromophenyl phenyl ether	Ave	0.2017			0.443	0.500		
Atrazine	Ave	0.1759			0.504	0.500		
Pentachlorophenol	Qua				1.02	1.00		
Carbazole	Ave	1.072			0.432	0.500		
Di-n-butyl phthalate	Ave	1.317			0.416	0.500		
Benzidine	Qua				0.835	0.500		
Butyl benzyl phthalate	Ave	0.5524			0.374	0.500		
3,3'-Dichlorobenzidine	Qua				0.622	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.419	0.500		
Di-n-octyl phthalate	Qua				0.502	0.500		
1,1'-Biphenyl	Ave	1.445			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.103			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.116			0.000100	0.500		
Acenaphthylene	Ave	1.759			0.000100	0.500		
Anthracene	Ave	1.197			0.000100	0.500		
Benzo[a]anthracene	Ave	1.246			0.000100	0.500		
Benzo[a]pyrene	Ave	1.309			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.387			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.426			0.000100	0.500		
Benzoic acid	Qua				0.0100	1.00		
Chrysene	Ave	1.142			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	0.500		
Fluoranthene	Ave	1.364			0.000100	0.500		
Fluorene	Ave	1.363			0.000100	0.500		
Hexachlorobenzene	Ave	0.2035			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	0.500		
Naphthalene	Ave	1.099			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/03/2012 21:47

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenanthrene	Ave	1.195			0.000100	0.500		
Pyrene	Ave	1.384			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.574			0.450	0.500	90	35-105
Phenol-d5 (Surr)	Ave	2.273			0.505	0.500	101*	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.503	0.500	101	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203026.D
Lims ID: mdll2 Client ID:
Inject. Date: 03-Dec-2012 21:47:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015467-026
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 67070 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 11:00:00 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 04-Dec-2012 09:21:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.050	0.003	86	209193	4.00	
* 2 Naphthalene-d8	136	7.159	7.156	0.003	98	859994	4.00	
* 3 Acenaphthene-d10	164	8.649	8.652	-0.003	62	530467	4.00	
* 4 Phenanthrene-d10	188	9.915	9.918	-0.003	78	945623	4.00	
* 5 Chrysene-d12	240	12.533	12.541	-0.008	75	937401	4.00	
* 6 Perylene-d12	264	14.675	14.677	-0.002	81	677012	4.00	
$ 7 2-Fluorophenol	112	4.829	4.832	-0.003	72	37055	0.4502	
$ 8 Phenol-d5	99	5.689	5.687	0.002	0	60020	0.5050	
$ 9 Nitrobenzene-d5	82		6.531					
$ 10 2-Fluorobiphenyl (Surr)	172		8.059					
$ 11 2,4,6-Tribromophenol	330	9.317	9.319	-0.002	35	10323	0.5025	
$ 12 Terphenyl-d14	244		11.291					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.815	2.807	0.008	82	32576	0.8023	M
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74	3.312	3.272	0.040	72	22503	0.4218	M
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.334	3.320	0.014	75	54079	0.4967	M
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					9
28 Ethyl methacrylate	69	3.878	3.876	0.002	68	55471	0.5253	M
232 1-Methyl-2-pyrrilidinone	99		3.880					1
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.663	5.665	-0.002	79	53851	0.5772	
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94	5.700	5.703	-0.003	87	61963	0.4601	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93	5.754	5.751	0.003	80	78124	0.4643	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	78	49780	0.4791	
46 2-Chlorophenol	128	5.860	5.858	0.002	85	35675	0.4670	
47 1,3-Dichlorobenzene	146	5.999	6.002	-0.003	78	38470	0.4684	
48 1,4-Dichlorobenzene	146	6.069	6.066	0.003	63	43133	0.5200	
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108	6.154	6.157	-0.003	77	31510	0.5004	
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146	6.202	6.199	0.003	80	36203	0.4535	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108	6.240	6.237	0.003	90	44702	0.4977	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.274	-0.002	93	54550	0.5152	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.368	6.365	0.003	87	43200	0.4519	
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70	6.384	6.386	-0.002	69	44923	0.4769	
58 Acetophenone	105	6.395	6.392	0.003	83	61156	0.4408	
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117	6.496	6.504	-0.008	70	9143	0.2356	
134 Sulfotepp	202		6.518					9
62 Nitrobenzene	77	6.544	6.547	-0.003	76	65522	0.4729	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
64 Isophorone	82	6.747	6.744	0.003	93	108826	0.4307	
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139	6.822	6.819	0.003	80	17854	0.4726	
65 2,4-Dimethylphenol	107	6.827	6.830	-0.003	94	48121	0.4536	
67 1,3,5-Trichlorobenzene	180	6.827	6.830	-0.003	70	36060	0.4652	
71 Benzoic acid	122		6.889					
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93	6.918	6.915	0.003	92	60216	0.4657	
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	91	26611	0.4367	
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180	7.100	7.102	-0.002	84	33912	0.4500	
75 Naphthalene	128		7.177					
76 4-Chloroaniline	127	7.201	7.204	-0.003	73	45652	0.4887	
79 Hexachlorobutadiene	225	7.265	7.268	-0.003	70	18204	0.4429	
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180		7.295					
84 Caprolactam	113	7.474	7.487	-0.013	68	13379	0.5383	
155 Ethyl Parathion	97		7.560					
86 4-Chloro-3-methylphenol	107	7.591	7.594	-0.003	82	43636	0.4883	
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.762	7.759	0.003	87	67372	0.4550	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.848	7.850	-0.002	77	63540	0.4435	
90 1,2,3,5-Tetrachlorobenzene	216	7.890	7.888	0.002	84	33832	0.4571	
89 Hexachlorocyclopentadiene	237		7.893					9
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	74	20903	0.4551	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	82	23755	0.4700	
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121	8.131	8.133	-0.002	86	29238	0.6941	
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					
98 1,1'-Biphenyl	154		8.149					
100 2-Chloronaphthalene	162		8.181					
229 Aramite Peak 2	185		8.185					
102 2-Nitroaniline	65	8.248	8.246	0.002	57	37357	0.5487	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.382	8.384	-0.002	90	82189	0.4770	
107 2,6-Dinitrotoluene	165	8.441	8.443	-0.002	78	17390	0.4852	
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168	8.494	8.497	-0.003	78	6996	0.3970	
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152		8.534					
110 3-Nitroaniline	138	8.590	8.593	-0.003	76	17857	0.4632	
111 2,4-Dinitrophenol	184		8.678					
112 Acenaphthene	153		8.678					
113 4-Nitrophenol	109	8.702	8.700	0.002	74	12076	0.4257	
171 2-Acetylaminofluorene	181		8.713					
114 2,4-Dinitrotoluene	165	8.788	8.785	0.003	68	17264	0.3590	
116 Dibenzofuran	168	8.820	8.822	-0.002	86	97901	0.4585	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.881	-0.002	62	16942	0.4038	
121 Diethyl phthalate	149	8.975	8.977	-0.002	92	82049	0.4810	
123 4-Chlorophenyl phenyl ether	204	9.098	9.100	-0.002	87	42907	0.4678	
125 4-Nitroaniline	138	9.108	9.111	-0.003	74	16367	0.4031	
126 Fluorene	166		9.116					
128 4,6-Dinitro-2-methylphenol	198		9.132					9
131 N-Nitrosodiphenylamine	169	9.194	9.191	0.003	86	58881	0.4507	
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77	9.231	9.234	-0.003	91	136300	0.4285	
132 1,2-Diphenylhydrazine	77	9.231	9.234	-0.003	100	136300	0.4285	
139 4-Bromophenyl phenyl ether	248	9.514	9.517	-0.003	66	21141	0.4433	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.581					
142 Atrazine	200	9.621	9.624	-0.003	66	20954	0.5038	
143 Pentachlorophenol	266	9.739	9.741	-0.002	60	20398	1.02	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.939					
149 Anthracene	178		9.982					
150 DFTPP								
151 Carbazole	167	10.102	10.105	-0.003	80	109405	0.4316	
154 Di-n-butyl phthalate	149	10.353	10.356	-0.003	95	129619	0.4163	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.959					
160 Benzidine	184	11.053	11.050	0.003	77	51693	0.8350	
161 Pyrene	202		11.178					
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149	11.785	11.787	-0.002	80	48424	0.3741	
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244	12.415	12.418	-0.003	58	27311	0.9247	
174 4,4'-Methylene bis(2-chloroanili	231	12.458	12.466	-0.008	60	23206	0.4436	
175 3,3'-Dichlorobenzidine	252	12.458	12.466	-0.008	57	42602	0.6223	
173 Bis(2-ethylhexyl) phthalate	149	12.479	12.482	-0.003	88	80806	0.4195	
177 Benzo[a]anthracene	228		12.525					
178 Chrysene	228		12.573					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.414	13.422	-0.008	92	117083	0.5021	
182 Benzo[b]fluoranthene	252		14.079					
183 Benzo[k]fluoranthene	252		14.122					
184 Benzo[a]pyrene	252		14.597					
188 Indeno[1,2,3-cd]pyrene	276		16.403					
189 Dibenz(a,h)anthracene	278		16.430					9
190 Benzo[g,h,i]perylene	276		16.889					
S 191 Methyl Phenols,Total	100				0		0.9496	
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					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					
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					1
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

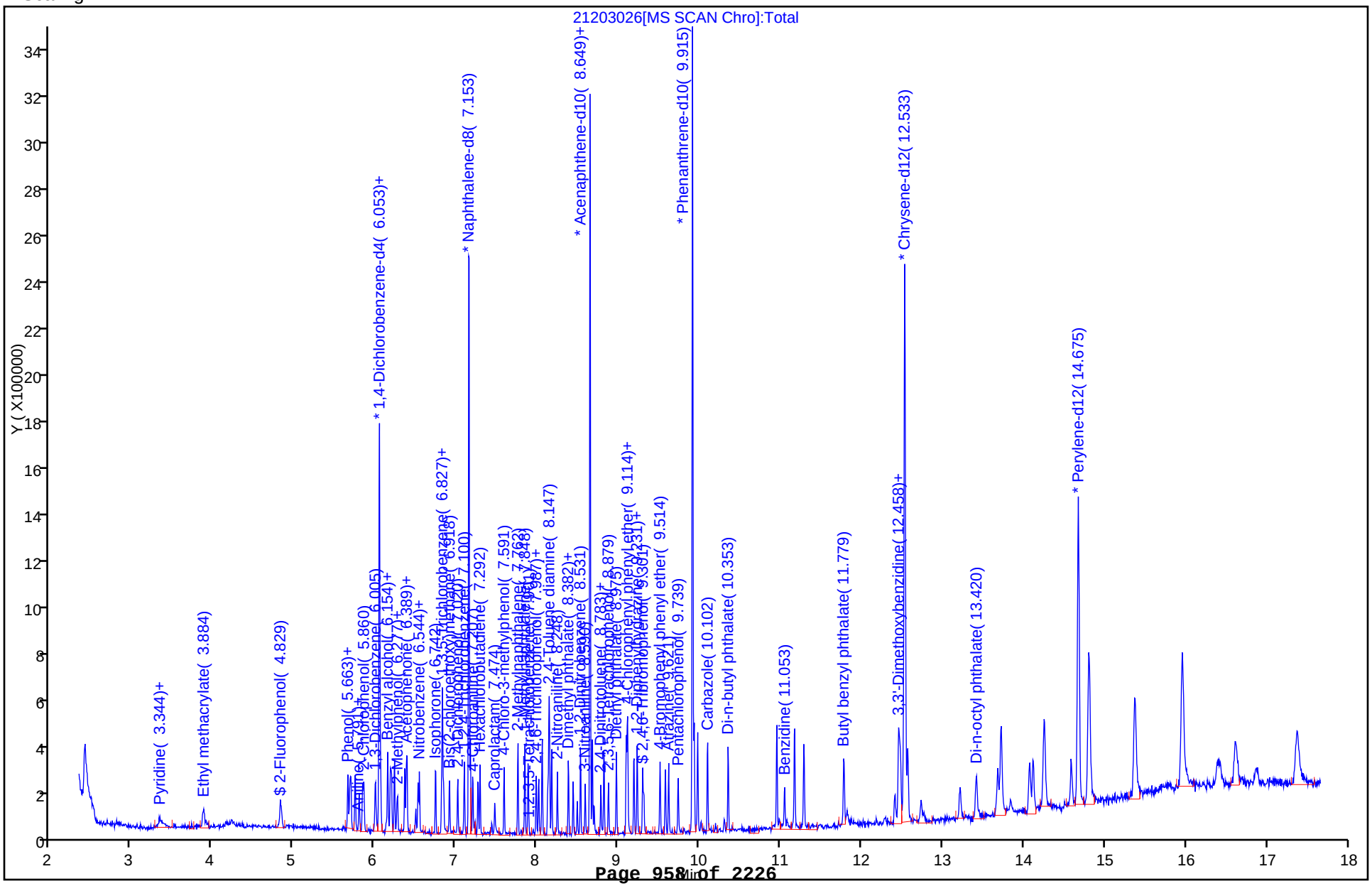
Report Date: 04-Dec-2012 11:00:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203026.D

Injection Date:	03-Dec-2012 21:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	26
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

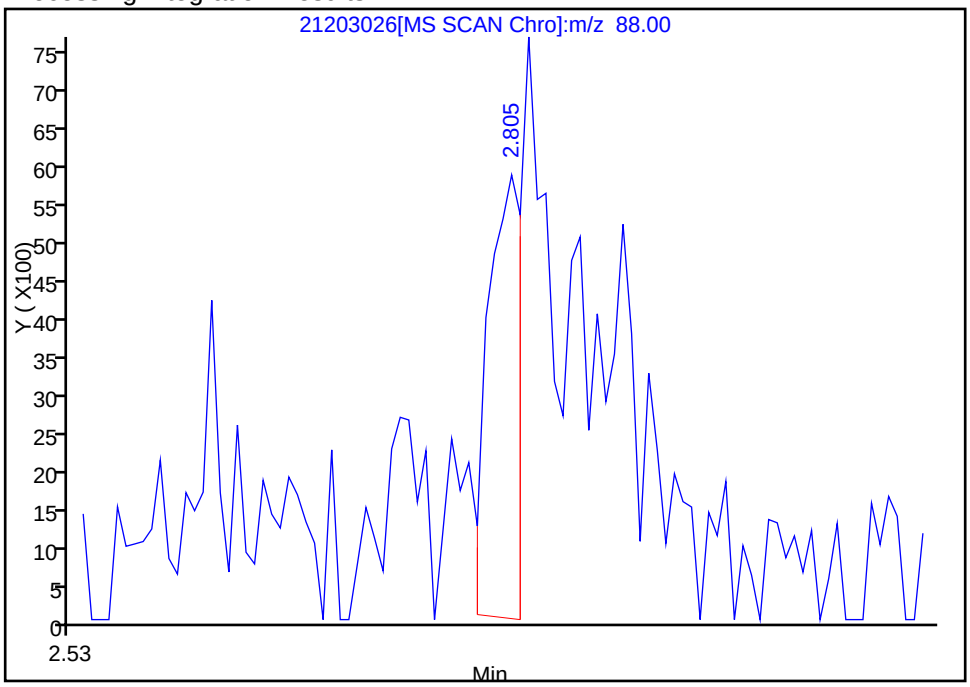
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203026.D		
Injection Date:	03-Dec-2012 21:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.81

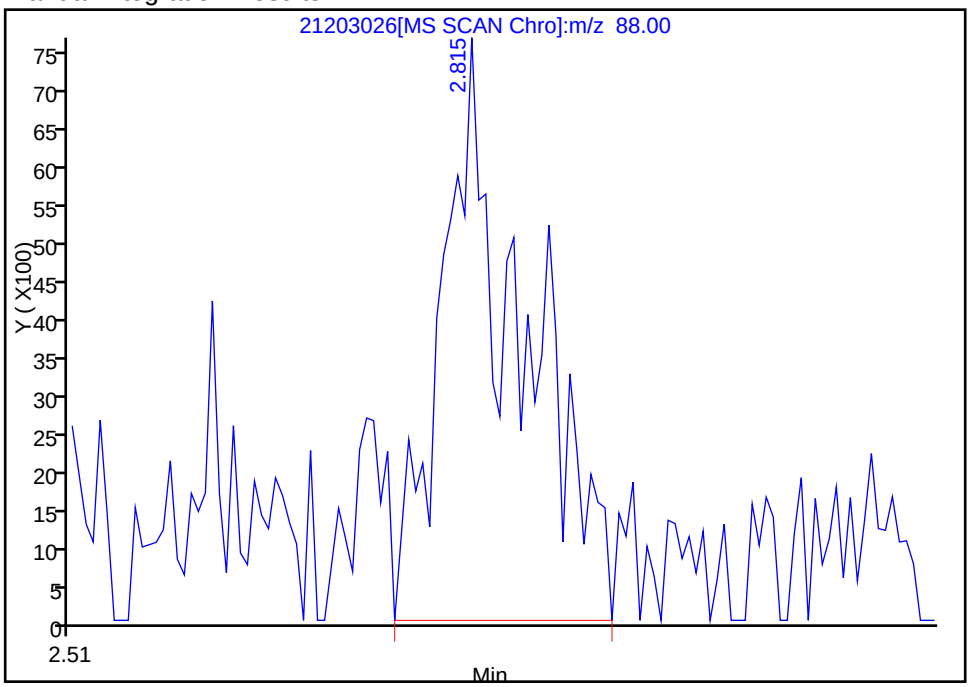
Processing Integration Results

RT: 2.80
Response: 8353
Amount: 0.205724



Manual Integration Results

RT: 2.82
Response: 32576
Amount: 0.802307



Reviewer: ulmanm, 04-Dec-2012 09:21:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

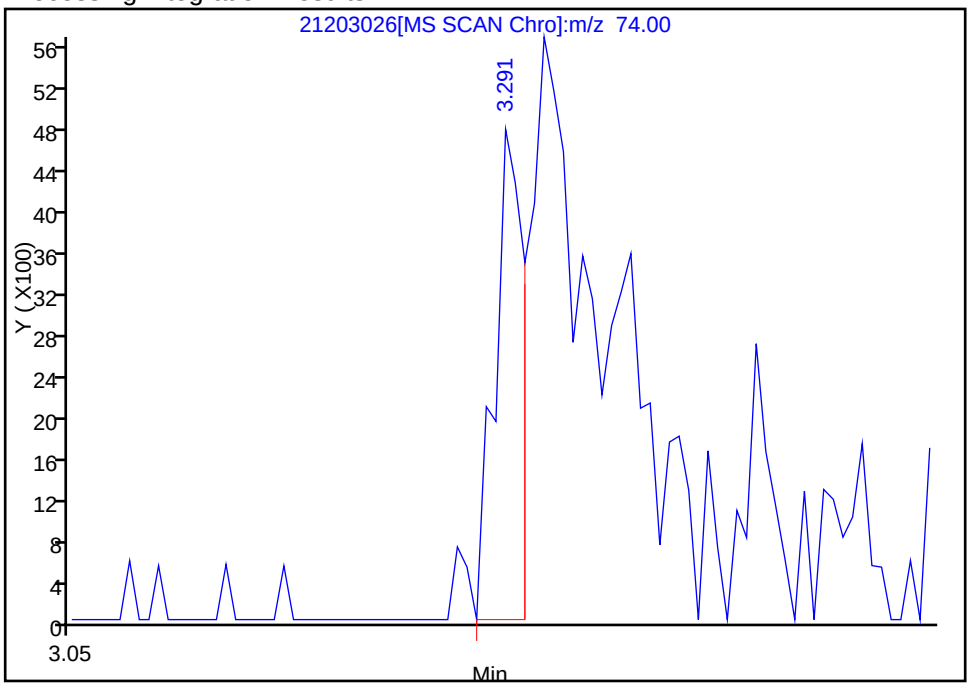
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203026.D		
Injection Date:	03-Dec-2012 21:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.27

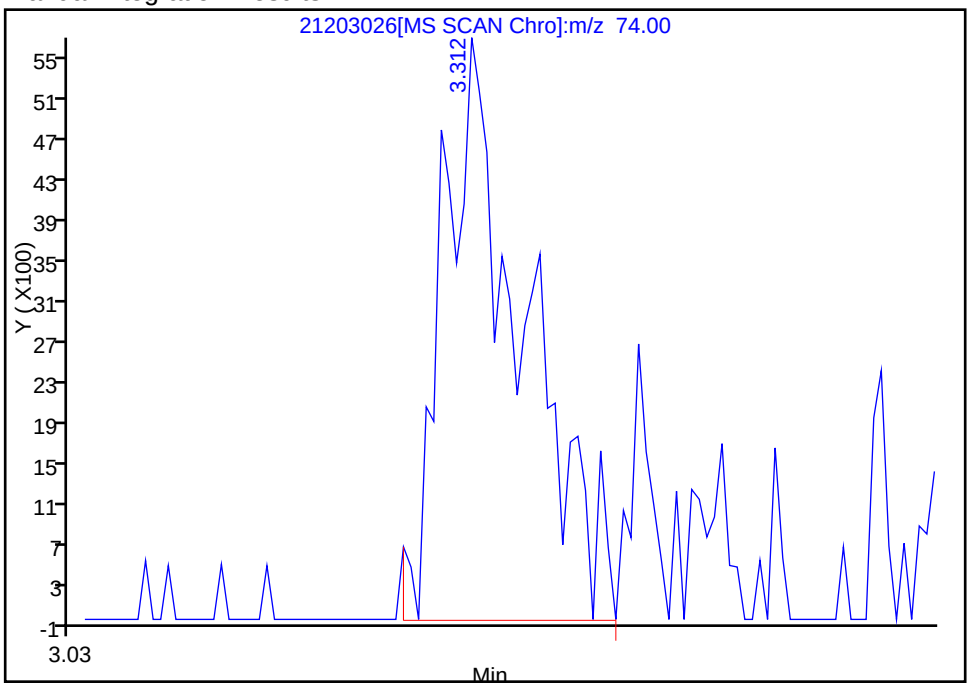
Processing Integration Results

RT: 3.29
Response: 5262
Amount: 0.098623



Manual Integration Results

RT: 3.31
Response: 22503
Amount: 0.421763



Reviewer: ulmanm, 04-Dec-2012 09:21:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

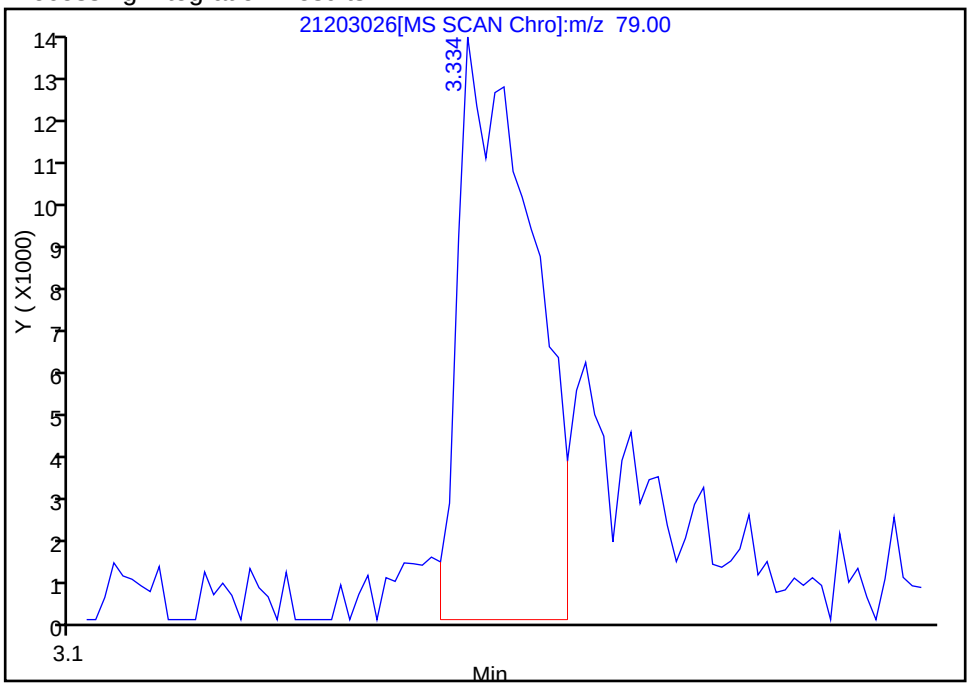
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203026.D		
Injection Date:	03-Dec-2012 21:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.32

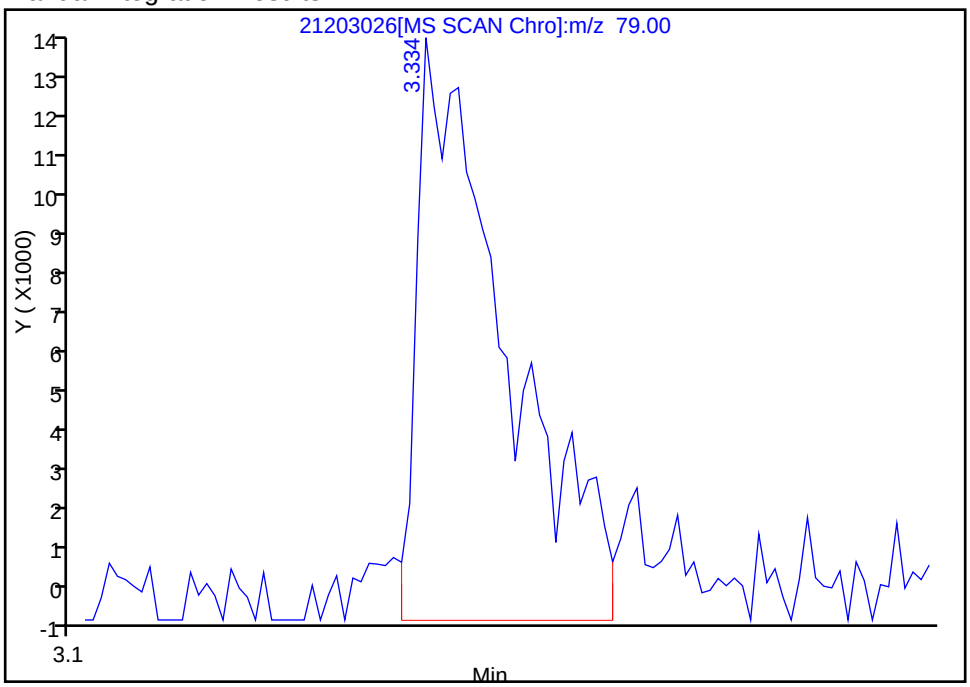
Processing Integration Results

RT: 3.33
Response: 40398
Amount: 0.371055



Manual Integration Results

RT: 3.33
Response: 54079
Amount: 0.496715



Reviewer: ulmanm, 04-Dec-2012 09:21:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/03/2012 22:12

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua				2.73	2.00		
2,4-Dinitrophenol	Qua				1.63	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.776	1.00		
1,1'-Biphenyl	Ave	1.445			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.526			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.570			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.586			0.000800	1.00		
1,4-Dioxane	Ave	0.7764			0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2834			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4935			0.000800	1.00		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	1.00		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	1.00		
2-Chloronaphthalene	Ave	1.103			0.000100	1.00		
2-Chlorophenol	Ave	1.461			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6886			0.000100	1.00		
2-Methylphenol	Ave	1.718			0.000800	1.00		
2-Nitroaniline	Ave	0.5134			0.000800	1.00		
2-Nitrophenol	Ave	0.1757			0.000800	1.00		
3 & 4 Methylphenol	Ave	1.828			0.000800	1.00		
3,3'-Dichlorobenzidine	Qua				0.000800	1.00		
3-Nitroaniline	Ave	0.2907			0.000800	1.00		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	1.00		
4-Nitroaniline	Ave	0.3061			0.000800	1.00		
4-Nitrophenol	Ave	0.2139			0.00240	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/03/2012 22:12

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.116			0.000100	1.00		
Acenaphthylene	Ave	1.759			0.000100	1.00		
Acetophenone	Ave	2.653			0.000800	1.00		
Aniline	Ave	3.218			0.00240	1.00		
Anthracene	Ave	1.197			0.000100	1.00		
Atrazine	Ave	0.1759			0.000800	1.00		
Benzaldehyde	Qua				0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.246			0.000100	1.00		
Benzo[a]pyrene	Ave	1.309			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.387			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.426			0.000100	1.00		
Benzyl alcohol	Ave	1.204			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5524			0.000800	1.00		
Caprolactam	Ave	0.1156			0.000800	1.00		
Carbazole	Ave	1.072			0.000800	1.00		
Chrysene	Ave	1.142			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	1.00		
Dibenzofuran	Ave	1.610			0.000100	1.00		
Diethyl phthalate	Ave	1.286			0.000800	1.00		
Dimethyl phthalate	Ave	1.299			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.317			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.364			0.000100	1.00		
Fluorene	Ave	1.363			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/03/2012 22:12

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Ave	0.2035			0.000100	1.00		
Hexachlorobutadiene	Ave	0.1912			0.000800	1.00		
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	1.00		
Hexachloroethane	Ave	0.7420			0.000800	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	1.00		
Isophorone	Ave	1.175			0.000800	1.00		
Naphthalene	Ave	1.099			0.000100	1.00		
Nitrobenzene	Ave	0.6444			0.000100	1.00		
N-Nitrosodimethylamine	Ave	1.020			0.000800	1.00		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000800	1.00		
N-Nitrosodiphenylamine	Ave	0.5526			0.000800	1.00		
Pentachlorophenol	Qua				0.00240	2.00		
Phenanthrene	Ave	1.195			0.000100	1.00		
Phenol	Ave	2.575			0.000800	1.00		
Pyrene	Ave	1.384			0.000100	1.00		
Pyridine	Ave	2.082			0.000800	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.574			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.273			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203027.D
Lims ID: mdll3 Client ID:
Inject. Date: 03-Dec-2012 22:12:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015467-027
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 67070 Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 11:00:00 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 04-Dec-2012 09:25:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.051	6.050	0.001	87	213548	4.00	
* 2 Naphthalene-d8	136	7.157	7.156	0.001	98	921422	4.00	
* 3 Acenaphthene-d10	164	8.652	8.652	0.0	67	589971	4.00	
* 4 Phenanthrene-d10	188	9.913	9.918	-0.005	78	1040733	4.00	
* 5 Chrysene-d12	240	12.536	12.541	-0.005	79	1043646	4.00	
* 6 Perylene-d12	264	14.678	14.677	0.001	78	741905	4.00	
$ 7 2-Fluorophenol	112		4.832					
$ 8 Phenol-d5	99		5.687					
$ 9 Nitrobenzene-d5	82		6.531					
$ 10 2-Fluorobiphenyl (Surr)	172		8.059					
$ 11 2,4,6-Tribromophenol	330		9.319					
$ 12 Terphenyl-d14	244		11.291					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.807					
36 N-Nitrosodiethylamine	102		2.897					9
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74		3.272					
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.320					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.876					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					9
41 Benzaldehyde	77		5.665					
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94		5.703					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93		5.804					
46 2-Chlorophenol	128		5.858					
47 1,3-Dichlorobenzene	146		6.002					
48 1,4-Dichlorobenzene	146		6.066					
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108		6.157					
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146		6.199					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108		6.237					
53 2,2'-oxybis[1-chloropropane]	45		6.274					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108		6.365					
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70		6.386					
58 Acetophenone	105		6.392					
130 Diphenylamine	169		6.428					9
61 Hexachloroethane	117		6.504					
134 Sulfotepp	202		6.518					9
62 Nitrobenzene	77		6.547					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
64 Isophorone	82		6.744					
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139		6.819					
65 2,4-Dimethylphenol	107		6.830					
67 1,3,5-Trichlorobenzene	180		6.830					
71 Benzoic acid	122	6.852	6.889	-0.037	74	62913	2.73	
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93		6.915					
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162		7.017					
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180		7.102					
75 Naphthalene	128		7.177					
76 4-Chloroaniline	127		7.204					
79 Hexachlorobutadiene	225		7.268					
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180		7.295					
84 Caprolactam	113		7.487					
155 Ethyl Parathion	97		7.560					9
86 4-Chloro-3-methylphenol	107		7.594					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.759					
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142		7.850					
90 1,2,3,5-Tetrachlorobenzene	216		7.888					
89 Hexachlorocyclopentadiene	237		7.893					
92 2,4,6-Trichlorophenol	196		7.989					
93 2,4,5-Trichlorophenol	196		8.016					
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.133					
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					
98 1,1'-Biphenyl	154		8.149					
100 2-Chloronaphthalene	162		8.181					
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65		8.246					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163		8.384					
107 2,6-Dinitrotoluene	165		8.443					
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168		8.497					
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152		8.534					
110 3-Nitroaniline	138		8.593					
111 2,4-Dinitrophenol	184	8.674	8.678	-0.004	14	2471	1.63	
112 Acenaphthene	153		8.678					
113 4-Nitrophenol	109		8.700					
171 2-Acetylaminofluorene	181		8.713					
114 2,4-Dinitrotoluene	165		8.785					
116 Dibenzofuran	168		8.822					
118 2,3,5,6-Tetrachlorophenol	232		8.881					
121 Diethyl phthalate	149		8.977					
123 4-Chlorophenyl phenyl ether	204		9.100					
125 4-Nitroaniline	138		9.111					
126 Fluorene	166		9.116					
128 4,6-Dinitro-2-methylphenol	198	9.133	9.132	0.001	1	4767	0.7757	
131 N-Nitrosodiphenylamine	169		9.191					
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77		9.234					
132 1,2-Diphenylhydrazine	77		9.234					
139 4-Bromophenyl phenyl ether	248		9.517					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.581					
142 Atrazine	200		9.624					
143 Pentachlorophenol	266		9.741					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.939					
149 Anthracene	178		9.982					
150 DFTPP								
151 Carbazole	167		10.105					
154 Di-n-butyl phthalate	149		10.356					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.959					
160 Benzidine	184		11.050					
161 Pyrene	202		11.178					
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149		11.787					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					9
172 3,3'-Dimethoxybenzidine	244		12.418					
174 4,4'-Methylene bis(2-chloroanili	231		12.466					
175 3,3'-Dichlorobenzidine	252		12.466					
173 Bis(2-ethylhexyl) phthalate	149		12.482					
177 Benzo[a]anthracene	228		12.525					
178 Chrysene	228		12.573					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.422					
182 Benzo[b]fluoranthene	252		14.079					
183 Benzo[k]fluoranthene	252		14.122					
184 Benzo[a]pyrene	252		14.597					
188 Indeno[1,2,3-cd]pyrene	276		16.403					
189 Dibenz(a,h)anthracene	278		16.430					
190 Benzo[g,h,i]perylene	276		16.889					
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					
T 192 Octadecane (TIC)	57		0.000					1
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					
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					1
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

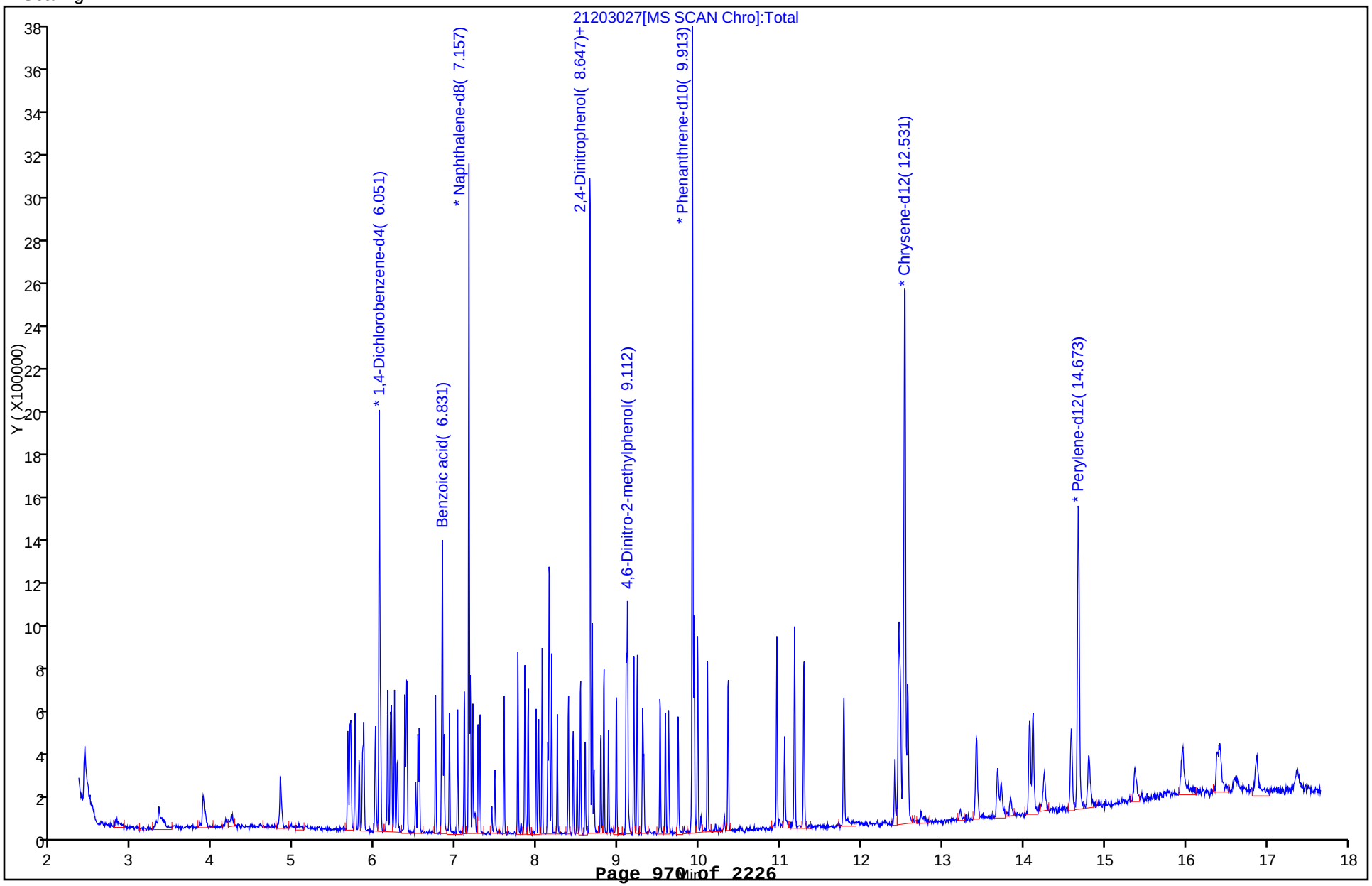
Report Date: 04-Dec-2012 11:00:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203027.D

Injection Date:	03-Dec-2012 22:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	27
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.: 240-17467-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/03/2012 22:37

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3216			0.176	2.00		
1,1'-Biphenyl	Ave	1.445			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.526			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.570			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.586			0.000800	2.00		
1,4-Dioxane	Ave	0.7764			0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2834			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4935			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	2.00		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	2.00		
2-Chloronaphthalene	Ave	1.103			0.000100	2.00		
2-Chlorophenol	Ave	1.461			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6886			0.000100	2.00		
2-Methylphenol	Ave	1.718			0.000800	2.00		
2-Nitroaniline	Ave	0.5134			0.000800	2.00		
2-Nitrophenol	Ave	0.1757			0.000800	2.00		
3 & 4 Methylphenol	Ave	1.828			0.000800	2.00		
3,3'-Dichlorobenzidine	Qua				0.000800	2.00		
3-Nitroaniline	Ave	0.2907			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	2.00		
4-Nitroaniline	Ave	0.3061			0.000800	2.00		
4-Nitrophenol	Ave	0.2139			0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/03/2012 22:37

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.116			0.000100	2.00		
Acenaphthylene	Ave	1.759			0.000100	2.00		
Acetophenone	Ave	2.653			0.000800	2.00		
Aniline	Ave	3.218			0.00240	2.00		
Anthracene	Ave	1.197			0.000100	2.00		
Atrazine	Ave	0.1759			0.000800	2.00		
Benzaldehyde	Qua				0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.246			0.000100	2.00		
Benzo[a]pyrene	Ave	1.309			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.387			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.426			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.204			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5524			0.000800	2.00		
Caprolactam	Ave	0.1156			0.000800	2.00		
Carbazole	Ave	1.072			0.000800	2.00		
Chrysene	Ave	1.142			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	2.00		
Dibenzofuran	Ave	1.610			0.000100	2.00		
Diethyl phthalate	Ave	1.286			0.000800	2.00		
Dimethyl phthalate	Ave	1.299			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.317			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.364			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/03/2012 22:37

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.363			0.000100	2.00		
Hexachlorobenzene	Ave	0.2035			0.000100	2.00		
Hexachlorobutadiene	Ave	0.1912			0.000080	2.00		
Hexachloroethane	Ave	0.7420			0.000080	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	2.00		
Isophorone	Ave	1.175			0.000080	2.00		
Naphthalene	Ave	1.099			0.000100	2.00		
Nitrobenzene	Ave	0.6444			0.000100	2.00		
N-Nitrosodimethylamine	Ave	1.020			0.000080	2.00		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000080	2.00		
N-Nitrosodiphenylamine	Ave	0.5526			0.000080	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.195			0.000100	2.00		
Phenol	Ave	2.575			0.000080	2.00		
Pyrene	Ave	1.384			0.000100	2.00		
Pyridine	Ave	2.082			0.000080	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.574			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.273			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203028.D
Lims ID: mdll4 Client ID:
Inject. Date: 03-Dec-2012 22:37:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015467-028
Misc. Info.: MDLL4 =MDLL4
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 67070 Lims Sample ID: 28
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 11:00:00 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 04-Dec-2012 09:28:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.051	6.050	0.001	84	182745	4.00	
* 2 Naphthalene-d8	136	7.157	7.156	0.001	98	760921	4.00	
* 3 Acenaphthene-d10	164	8.648	8.652	-0.004	60	476990	4.00	
* 4 Phenanthrene-d10	188	9.914	9.918	-0.004	74	868189	4.00	
* 5 Chrysene-d12	240	12.537	12.541	-0.004	77	847220	4.00	
* 6 Perylene-d12	264	14.673	14.677	-0.004	78	603734	4.00	
$ 7 2-Fluorophenol	112		4.832					
$ 8 Phenol-d5	99		5.687					
$ 9 Nitrobenzene-d5	82		6.531					
$ 10 2-Fluorobiphenyl (Surr)	172		8.059					
$ 11 2,4,6-Tribromophenol	330		9.319					
$ 12 Terphenyl-d14	244		11.291					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.807					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74		3.272					
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.320					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.876					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					9
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.665					
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94		5.703					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
44 Aniline	93		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93		5.804					
46 2-Chlorophenol	128		5.858					
47 1,3-Dichlorobenzene	146		6.002					
48 1,4-Dichlorobenzene	146		6.066					
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108		6.157					
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146		6.199					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108		6.237					
53 2,2'-oxybis[1-chloropropane]	45		6.274					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108		6.365					
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70		6.386					
58 Acetophenone	105		6.392					
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117		6.504					
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77		6.547					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					9
230 Diallate Peak 2	86		6.695					9
64 Isophorone	82		6.744					
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139		6.819					
65 2,4-Dimethylphenol	107		6.830					
67 1,3,5-Trichlorobenzene	180		6.830					
71 Benzoic acid	122		6.889					
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93		6.915					
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162		7.017					
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180		7.102					
75 Naphthalene	128		7.177					
76 4-Chloroaniline	127		7.204					
79 Hexachlorobutadiene	225		7.268					
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180		7.295					
84 Caprolactam	113		7.487					
155 Ethyl Parathion	97		7.560					9
86 4-Chloro-3-methylphenol	107		7.594					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142		7.759					
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142		7.850					
90 1,2,3,5-Tetrachlorobenzene	216		7.888					
89 Hexachlorocyclopentadiene	237	7.889	7.893	-0.004	31	6747	0.1760	
92 2,4,6-Trichlorophenol	196		7.989					
93 2,4,5-Trichlorophenol	196		8.016					
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.133					
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					
98 1,1'-Biphenyl	154		8.149					
100 2-Chloronaphthalene	162		8.181					
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65		8.246					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163		8.384					
107 2,6-Dinitrotoluene	165		8.443					
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168		8.497					
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152		8.534					
110 3-Nitroaniline	138		8.593					
111 2,4-Dinitrophenol	184		8.678					
112 Acenaphthene	153		8.678					
113 4-Nitrophenol	109		8.700					
171 2-Acetylaminofluorene	181		8.713					9
114 2,4-Dinitrotoluene	165		8.785					
116 Dibenzofuran	168		8.822					
118 2,3,5,6-Tetrachlorophenol	232		8.881					
121 Diethyl phthalate	149		8.977					
123 4-Chlorophenyl phenyl ether	204		9.100					
125 4-Nitroaniline	138		9.111					
126 Fluorene	166		9.116					
128 4,6-Dinitro-2-methylphenol	198		9.132					9
131 N-Nitrosodiphenylamine	169		9.191					
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77		9.234					
132 1,2-Diphenylhydrazine	77		9.234					
139 4-Bromophenyl phenyl ether	248		9.517					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.581					
142 Atrazine	200		9.624					
143 Pentachlorophenol	266		9.741					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.939					
149 Anthracene	178		9.982					
150 DFTPP								
151 Carbazole	167		10.105					
154 Di-n-butyl phthalate	149		10.356					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.959					
160 Benzidine	184		11.050					
161 Pyrene	202		11.178					
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149		11.787					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244		12.418					
174 4,4'-Methylene bis(2-chloroanili	231		12.466					
175 3,3'-Dichlorobenzidine	252		12.466					
173 Bis(2-ethylhexyl) phthalate	149		12.482					
177 Benzo[a]anthracene	228		12.525					
178 Chrysene	228		12.573					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.422					
182 Benzo[b]fluoranthene	252		14.079					
183 Benzo[k]fluoranthene	252		14.122					
184 Benzo[a]pyrene	252		14.597					
188 Indeno[1,2,3-cd]pyrene	276		16.403					
189 Dibenz(a,h)anthracene	278		16.430					
190 Benzo[g,h,i]perylene	276		16.889					
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					
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					
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					2
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
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

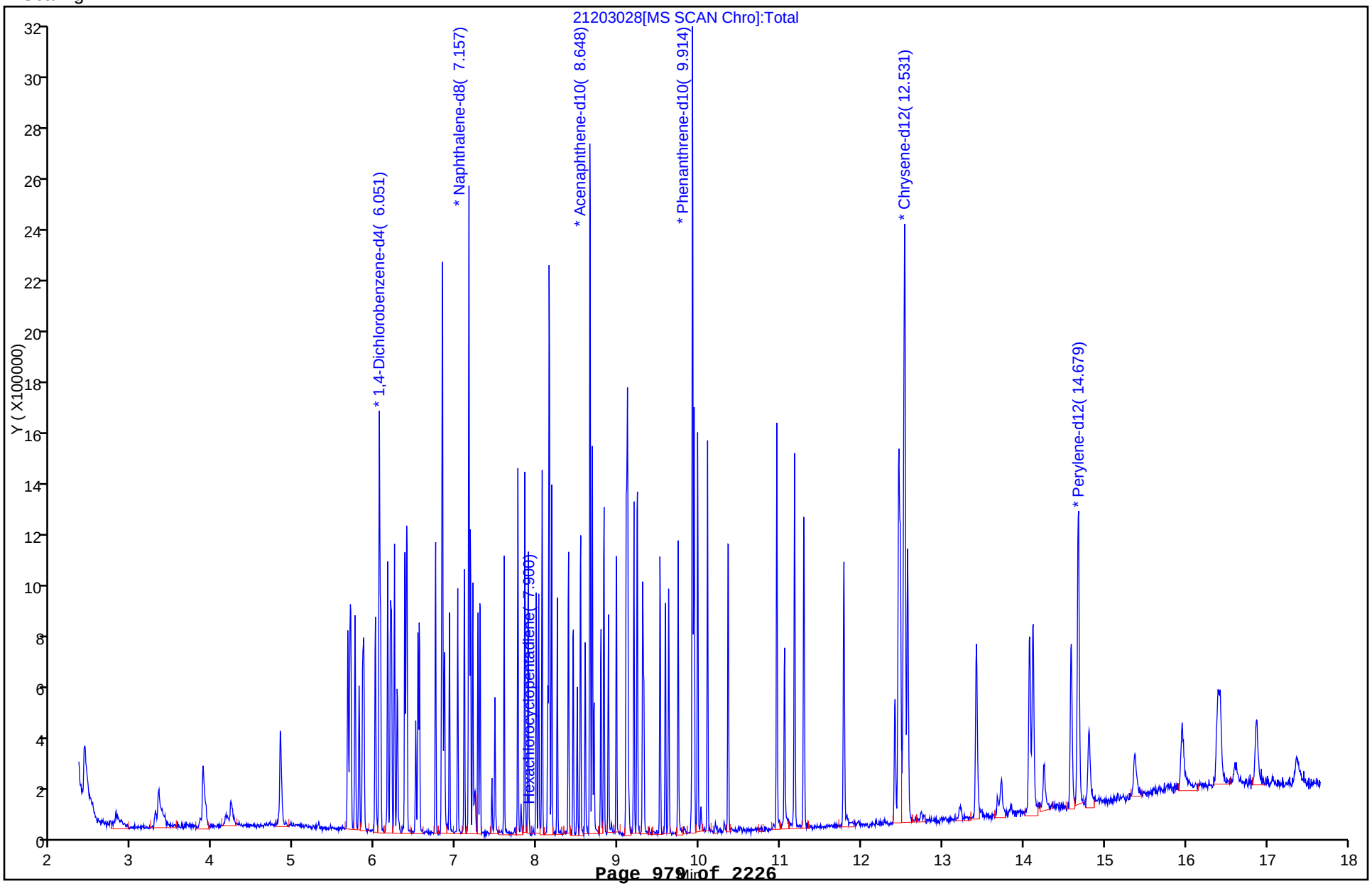
Report Date: 04-Dec-2012 11:00:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203028.D

Injection Date:	03-Dec-2012 22:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	28
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.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-67729/2 Calibration Date: 12/07/2012 13:16

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764	0.7054	0.0500	9.09	10.0	-9.1	20.0
N-Nitrosodimethylamine	Ave	1.020	1.191	0.0500	11.7	10.0	16.7	20.0
Pyridine	Ave	2.082	1.977	0.0500	9.50	10.0	-5.0	20.0
Benzaldehyde	Qua		1.716	0.0500	9.20	10.0	-8.0	20.0
Phenol	Ave	2.575	2.590	0.0500	10.1	10.0	0.6	20.0
Aniline	Ave	3.218	3.213	0.0500	9.98	10.0	-0.2	20.0
Bis(2-chloroethyl)ether	Ave	1.987	1.923	0.0500	9.68	10.0	-3.2	20.0
2-Chlorophenol	Ave	1.461	1.460	0.0500	10.0	10.0	-0.0	20.0
1,3-Dichlorobenzene	Ave	1.570	1.511	0.0500	9.62	10.0	-3.8	20.0
1,4-Dichlorobenzene	Ave	1.586	1.500	0.0500	9.46	10.0	-5.4	20.0
Benzyl alcohol	Ave	1.204	1.192	0.0500	9.90	10.0	-1.0	20.0
1,2-Dichlorobenzene	Ave	1.526	1.497	0.0500	9.81	10.0	-1.9	20.0
2-Methylphenol	Ave	1.718	1.740	0.0500	10.1	10.0	1.3	20.0
3 & 4 Methylphenol	Ave	1.828	1.888	0.0500	10.3	10.0	3.3	20.0
N-Nitrosodi-n-propylamine	Ave	1.801	1.707	0.0500	9.48	10.0	-5.2	20.0
Acetophenone	Ave	2.653	2.513	0.0500	9.47	10.0	-5.3	20.0
Hexachloroethane	Ave	0.7420	0.6754	0.0500	9.10	10.0	-9.0	20.0
Nitrobenzene	Ave	0.6444	0.6000	0.0500	9.31	10.0	-6.9	20.0
Isophorone	Ave	1.175	1.103	0.0500	9.38	10.0	-6.2	20.0
2-Nitrophenol	Ave	0.1757	0.1801	0.0500	10.3	10.0	2.5	20.0
2,4-Dimethylphenol	Ave	0.4935	0.4590	0.0500	9.30	10.0	-7.0	20.0
Benzoic acid	Qua		0.1921	0.0500	17.9	20.0	-10.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.6014	0.5808	0.0500	9.66	10.0	-3.4	20.0
2,4-Dichlorophenol	Ave	0.2834	0.2870	0.0500	10.1	10.0	1.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3506	0.3479	0.0500	9.92	10.0	-0.8	20.0
Naphthalene	Ave	1.099	1.061	0.0500	9.66	10.0	-3.4	20.0
Hexachlorobutadiene	Ave	0.1912	0.1810	0.0500	9.47	10.0	-5.3	20.0
Caprolactam	Ave	0.1156	0.1359	0.0500	11.8	10.0	17.5	20.0
4-Chloro-3-methylphenol	Ave	0.4157	0.3926	0.0500	9.44	10.0	-5.6	20.0
2-Methylnaphthalene	Ave	0.6886	0.6832	0.0500	9.92	10.0	-0.8	20.0
Hexachlorocyclopentadiene	Ave	0.3216	0.2982	0.0500	9.27	10.0	-7.3	20.0
2,4,6-Trichlorophenol	Ave	0.3463	0.3399	0.0500	9.81	10.0	-1.9	20.0
2,4,5-Trichlorophenol	Ave	0.3811	0.3687	0.0500	9.68	10.0	-3.2	20.0
1,1'-Biphenyl	Ave	1.445	1.407	0.0500	9.74	10.0	-2.6	20.0
2-Chloronaphthalene	Ave	1.103	1.068	0.0500	9.68	10.0	-3.2	20.0
2-Nitroaniline	Ave	0.5134	0.4939	0.0500	9.62	10.0	-3.8	20.0
Dimethyl phthalate	Ave	1.299	1.214	0.0500	9.34	10.0	-6.6	20.0
2,6-Dinitrotoluene	Ave	0.2702	0.2791	0.0500	10.3	10.0	3.3	20.0
Acenaphthylene	Ave	1.759	1.732	0.0500	9.84	10.0	-1.6	20.0
3-Nitroaniline	Ave	0.2907	0.2990	0.0500	10.3	10.0	2.8	20.0
Acenaphthene	Ave	1.116	1.070	0.0500	9.59	10.0	-4.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-67729/2 Calibration Date: 12/07/2012 13:16

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1699	0.0500	18.2	20.0	-8.8	20.0
4-Nitrophenol	Ave	0.2139	0.1921	0.0500	8.98	10.0	-10.2	20.0
2,4-Dinitrotoluene	Ave	0.3626	0.3776	0.0500	10.4	10.0	4.1	20.0
Dibenzofuran	Ave	1.610	1.556	0.0500	9.66	10.0	-3.4	20.0
Diethyl phthalate	Ave	1.286	1.172	0.0500	9.11	10.0	-8.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6916	0.6681	0.0500	9.66	10.0	-3.4	20.0
4-Nitroaniline	Ave	0.3061	0.3244	0.0500	10.6	10.0	6.0	20.0
Fluorene	Ave	1.363	1.309	0.0500	9.60	10.0	-4.0	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1450	0.0500	9.70	10.0	-3.0	20.0
N-Nitrosodiphenylamine	Ave	0.5526	0.5578	0.0500	10.1	10.0	0.9	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346	1.288	0.0500	9.57	10.0	-4.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2017	0.2125	0.0500	10.5	10.0	5.3	20.0
Hexachlorobenzene	Ave	0.2035	0.2143	0.0500	10.5	10.0	5.3	20.0
Atrazine	Ave	0.1759	0.1827	0.0500	10.4	10.0	3.8	20.0
Pentachlorophenol	Qua		0.1402	0.0500	18.4	20.0	-7.8	20.0
Phenanthrene	Ave	1.195	1.172	0.0500	9.80	10.0	-2.0	20.0
Anthracene	Ave	1.197	1.222	0.0500	10.2	10.0	2.1	20.0
Carbazole	Ave	1.072	1.047	0.0500	9.77	10.0	-2.3	20.0
Di-n-butyl phthalate	Ave	1.317	1.234	0.0500	9.37	10.0	-6.3	20.0
Fluoranthene	Ave	1.364	1.328	0.0500	9.74	10.0	-2.6	20.0
Benzidine	Qua		0.7101	0.0500	9.51	10.0	-4.9	20.0
Pyrene	Ave	1.384	1.387	0.0500	10.0	10.0	0.2	20.0
Butyl benzyl phthalate	Ave	0.5524	0.5185	0.0500	9.39	10.0	-6.1	20.0
3,3'-Dichlorobenzidine	Qua		0.4570	0.0500	9.86	10.0	-1.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8220	0.7398	0.0500	9.00	10.0	-10.0	20.0
Benzo[a]anthracene	Ave	1.246	1.191	0.0500	9.56	10.0	-4.4	20.0
Chrysene	Ave	1.142	1.129	0.0500	9.89	10.0	-1.1	20.0
Di-n-octyl phthalate	Qua		1.417	0.0500	8.49	10.0	-15.1	20.0
Benzo[b]fluoranthene	Ave	1.387	1.321	0.0500	9.53	10.0	-4.7	20.0
Benzo[k]fluoranthene	Ave	1.426	1.362	0.0500	9.55	10.0	-4.5	20.0
Benzo[a]pyrene	Ave	1.309	1.252	0.0500	9.56	10.0	-4.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.438	1.401	0.0500	9.74	10.0	-2.6	20.0
Dibenz(a,h)anthracene	Ave	1.180	1.161	0.0500	9.84	10.0	-1.6	20.0
Benzo[g,h,i]perylene	Ave	1.208	1.191	0.0500	9.87	10.0	-1.3	20.0
2-Fluorophenol (Surr)	Ave	1.574	1.578	0.0500	10.0	10.0	0.3	20.0
Phenol-d5 (Surr)	Ave	2.273	2.323	0.0500	10.2	10.0	2.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.6121	0.5693	0.0500	9.30	10.0	-7.0	20.0
2-Fluorobiphenyl (Surr)	Ave	1.328	1.239	0.0500	9.33	10.0	-6.7	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1549	0.1676	0.0500	10.8	10.0	8.2	20.0
Terphenyl-d14 (Surr)	Ave	0.8194	0.7687	0.0500	9.38	10.0	-6.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	07-Dec-2012 13:16:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015623-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	67729	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m		
Last Update:	08-Dec-2012 11:37:47	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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:	07-Dec-2012 13:56:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.949	5.949	0.0	81	186473	4.00	
* 2 Naphthalene-d8	136	7.066	7.066	0.0	98	768676	4.00	
* 3 Acenaphthene-d10	164	8.561	8.561	0.0	63	487864	4.00	
* 4 Phenanthrene-d10	188	9.817	9.817	0.0	76	841048	4.00	
* 5 Chrysene-d12	240	12.381	12.381	0.0	71	850116	4.00	
* 6 Perylene-d12	264	14.470	14.470	0.0	72	734023	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	94	735566	10.0	
$ 8 Phenol-d5	99	5.591	5.591	0.0	0	1083114	10.2	
$ 9 Nitrobenzene-d5	82	6.435	6.435	0.0	82	1093936	9.30	
$ 10 2-Fluorobiphenyl (Surr)	172	7.974	7.974	0.0	95	1511380	9.33	
$ 11 2,4,6-Tribromophenol	330	9.224	9.224	0.0	86	204401	10.8	
$ 12 Terphenyl-d14	244	11.174	11.174	0.0	94	1633705	9.38	
25 1,4-Dioxane	88	2.418	2.418	0.0	75	328861	9.09	
26 N-Nitrosodimethylamine	74	2.899	2.899	0.0	75	555230	11.7	
27 Pyridine	79	2.947	2.947	0.0	76	921706	9.50	
28 Ethyl methacrylate	69	3.631	3.631	0.0	77	866707	9.21	
29 3-Chloropropionitrile	54	4.021	4.021	0.0	83	389718	11.3	
33 Malononitrile	66		4.416					
41 Benzaldehyde	77	5.548	5.548	0.0	83	799859	9.20	
43 Phenol	94	5.602	5.602	0.0	96	1207251	10.1	
44 Aniline	93	5.645	5.645	0.0	83	1497694	9.98	
69 Bis(2-chloroethyl)ether	93	5.698	5.698	0.0	89	896656	9.68	
46 2-Chlorophenol	128	5.751	5.751	0.0	91	680787	10.0	
47 1,3-Dichlorobenzene	146	5.896	5.896	0.0	79	704518	9.62	
48 1,4-Dichlorobenzene	146	5.965	5.965	0.0	84	699329	9.46	
49 Benzyl alcohol	108	6.056	6.056	0.0	84	555890	9.90	
50 1,2-Dichlorobenzene	146	6.099	6.099	0.0	77	698097	9.81	
51 2-Methylphenol	108	6.147	6.147	0.0	95	810994	10.1	
53 2,2'-oxybis[1-chloropropane]	45	6.179	6.179	0.0	94	925346	9.80	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.280	6.280	0.0	92	879933	10.3	
57 N-Nitrosodi-n-propylamine	70	6.291	6.291	0.0	69	795869	9.48	
58 Acetophenone	105	6.296	6.296	0.0	83	1171484	9.47	
61 Hexachloroethane	117	6.403	6.403	0.0	90	314848	9.10	
62 Nitrobenzene	77	6.451	6.451	0.0	72	1153076	9.31	
64 Isophorone	82	6.654	6.654	0.0	93	2118886	9.38	
66 2-Nitrophenol	139	6.729	6.729	0.0	89	346160	10.3	
67 1,3,5-Trichlorobenzene	180	6.740	6.740	0.0	86	653650	9.43	
65 2,4-Dimethylphenol	107	6.745	6.745	0.0	97	882117	9.30	
71 Benzoic acid	122	6.814	6.814	0.0	82	738271	17.9	M
70 Bis(2-chloroethoxy)methane	93	6.831	6.831	0.0	93	1116135	9.66	
73 2,4-Dichlorophenol	162	6.932	6.932	0.0	91	551487	10.1	
74 1,2,4-Trichlorobenzene	180	7.012	7.012	0.0	79	668577	9.92	
75 Naphthalene	128	7.087	7.087	0.0	79	2039116	9.66	
76 4-Chloroaniline	127	7.114	7.114	0.0	80	869550	10.4	
79 Hexachlorobutadiene	225	7.183	7.183	0.0	85	347854	9.47	
80 1,2,3-Trichlorobenzene	180	7.204	7.204	0.0	80	614944	0	
84 Caprolactam	113	7.402	7.402	0.0	80	261074	11.8	
86 4-Chloro-3-methylphenol	107	7.509	7.509	0.0	79	754484	9.44	
87 2-Methylnaphthalene	142	7.675	7.675	0.0	86	1312974	9.92	
88 1-Methylnaphthalene	142	7.760	7.760	0.0	80	1284227	10.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.803	7.803	0.0	86	673869	9.90	
89 Hexachlorocyclopentadiene	237	7.803	7.803	0.0	73	363660	9.27	
92 2,4,6-Trichlorophenol	196	7.899	7.899	0.0	86	414547	9.81	
93 2,4,5-Trichlorophenol	196	7.931	7.931	0.0	90	449722	9.68	
97 2,4-Toluene diamine	121	8.043	8.043	0.0	97	419699	11.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.054	8.054	0.0	85	648470	0	
98 1,1'-Biphenyl	154	8.065	8.065	0.0	91	1715833	9.74	
100 2-Chloronaphthalene	162	8.091	8.091	0.0	91	1302010	9.68	
102 2-Nitroaniline	65	8.161	8.161	0.0	71	602381	9.62	
105 Dimethyl phthalate	163	8.300	8.300	0.0	94	1480507	9.34	
107 2,6-Dinitrotoluene	165	8.358	8.358	0.0	78	340413	10.3	
108 1,2-Dinitrobenzene	168	8.406	8.406	0.0	82	169991	10.5	
109 Acenaphthylene	152	8.444	8.444	0.0	86	2112131	9.84	
110 3-Nitroaniline	138	8.503	8.503	0.0	81	364632	10.3	
112 Acenaphthene	153	8.588	8.588	0.0	86	1304787	9.59	
111 2,4-Dinitrophenol	184	8.593	8.593	0.0	63	414330	18.2	
113 4-Nitrophenol	109	8.620	8.620	0.0	85	234312	8.98	
114 2,4-Dinitrotoluene	165	8.700	8.700	0.0	82	460498	10.4	
116 Dibenzofuran	168	8.732	8.732	0.0	85	1897548	9.66	
118 2,3,5,6-Tetrachlorophenol	232	8.791	8.791	0.0	85	382760	9.92	
121 Diethyl phthalate	149	8.887	8.887	0.0	95	1429900	9.11	
123 4-Chlorophenyl phenyl ether	204	9.005	9.005	0.0	90	814848	9.66	
125 4-Nitroaniline	138	9.021	9.021	0.0	80	395640	10.6	
126 Fluorene	166	9.021	9.021	0.0	70	1596614	9.60	
128 4,6-Dinitro-2-methylphenol	198	9.042	9.042	0.0	80	304833	9.70	
131 N-Nitrosodiphenylamine	169	9.101	9.101	0.0	93	1172862	10.1	
133 Azobenzene	77	9.144	9.144	0.0	93	2707175	9.57	
132 1,2-Diphenylhydrazine	77	9.144	9.144	0.0	99	2707172	9.57	
139 4-Bromophenyl phenyl ether	248	9.421	9.421	0.0	65	446728	10.5	
141 Hexachlorobenzene	284	9.486	9.486	0.0	79	450603	10.5	
142 Atrazine	200	9.534	9.534	0.0	82	384069	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.646	9.646	0.0	80	589630	18.4	
148 Phenanthrene	178	9.838	9.838	0.0	81	2463651	9.80	
149 Anthracene	178	9.881	9.881	0.0	81	2569345	10.2	
151 Carbazole	167	10.004	10.004	0.0	62	2201791	9.77	
154 Di-n-butyl phthalate	149	10.260	10.260	0.0	100	2594034	9.37	
159 Fluoranthene	202	10.848	10.848	0.0	78	2793189	9.74	
160 Benzidine	184	10.944	10.944	0.0	86	1509157	9.51	
161 Pyrene	202	11.061	11.061	0.0	73	2948659	10.0	
168 Butyl benzyl phthalate	149	11.654	11.654	0.0	85	1101877	9.39	
172 3,3'-Dimethoxybenzidine	244	12.269	12.269	0.0	84	670716	9.75	
175 3,3'-Dichlorobenzidine	252	12.312	12.312	0.0	67	971252	9.86	
174 4,4'-Methylene bis(2-chloroanili	231	12.312	12.312	0.0	68	467610	9.86	
173 Bis(2-ethylhexyl) phthalate	149	12.333	12.333	0.0	94	1572191	9.00	
177 Benzo[a]anthracene	228	12.370	12.370	0.0	82	2531174	9.56	
178 Chrysene	228	12.418	12.418	0.0	81	2399951	9.89	
180 Di-n-octyl phthalate	149	13.246	13.246	0.0	99	2601063	8.49	
182 Benzo[b]fluoranthene	252	13.887	13.887	0.0	79	2424351	9.53	
183 Benzo[k]fluoranthene	252	13.930	13.930	0.0	84	2499940	9.55	
184 Benzo[a]pyrene	252	14.390	14.390	0.0	66	2296658	9.56	
188 Indeno[1,2,3-cd]pyrene	276	16.142	16.142	0.0	74	2571130	9.74	
189 Dibenz(a,h)anthracene	278	16.169	16.169	0.0	72	2130805	9.84	
190 Benzo[g,h,i]perylene	276	16.601	16.601	0.0	79	2186265	9.87	
S 191 Methyl Phenols,Total	100				0		20.5	

QC Flag Legend

Review Flags
M - Manually Integrated

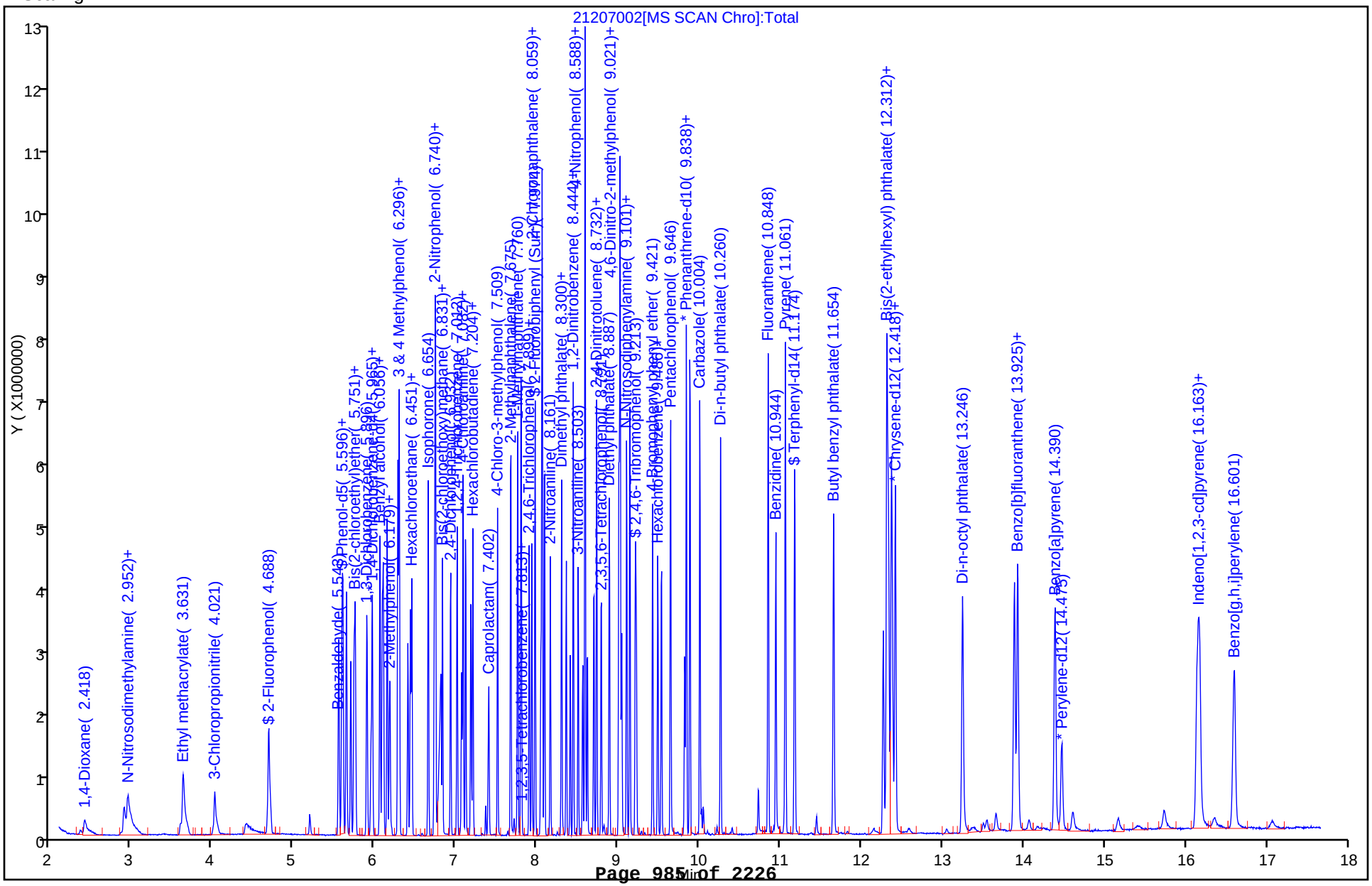
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207002.D

Injection Date:	07-Dec-2012 13:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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

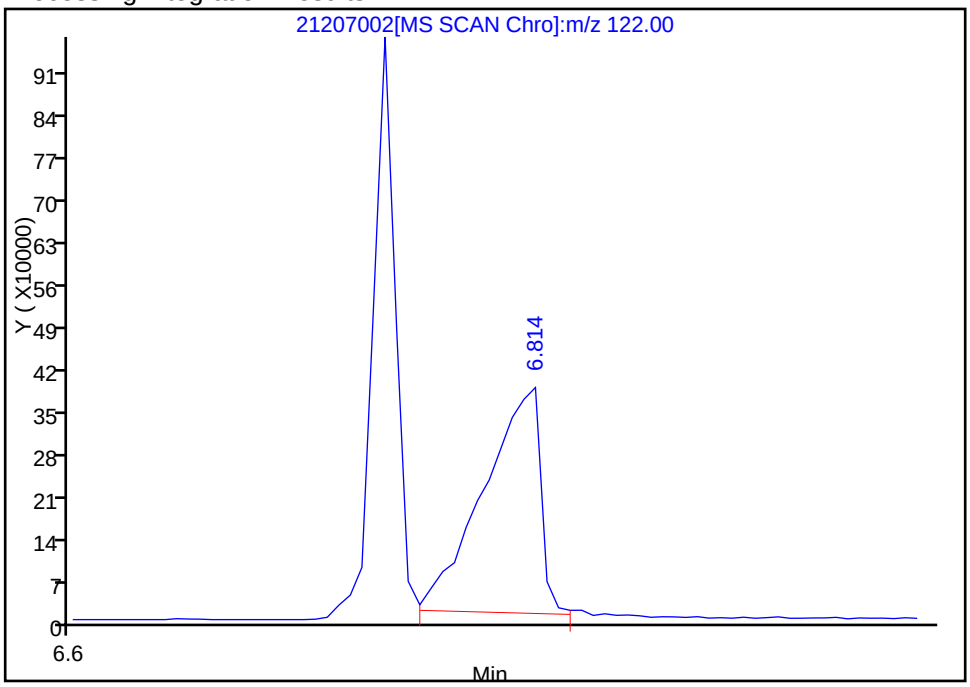
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207002.D		
Injection Date:	07-Dec-2012 13:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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: 6.81

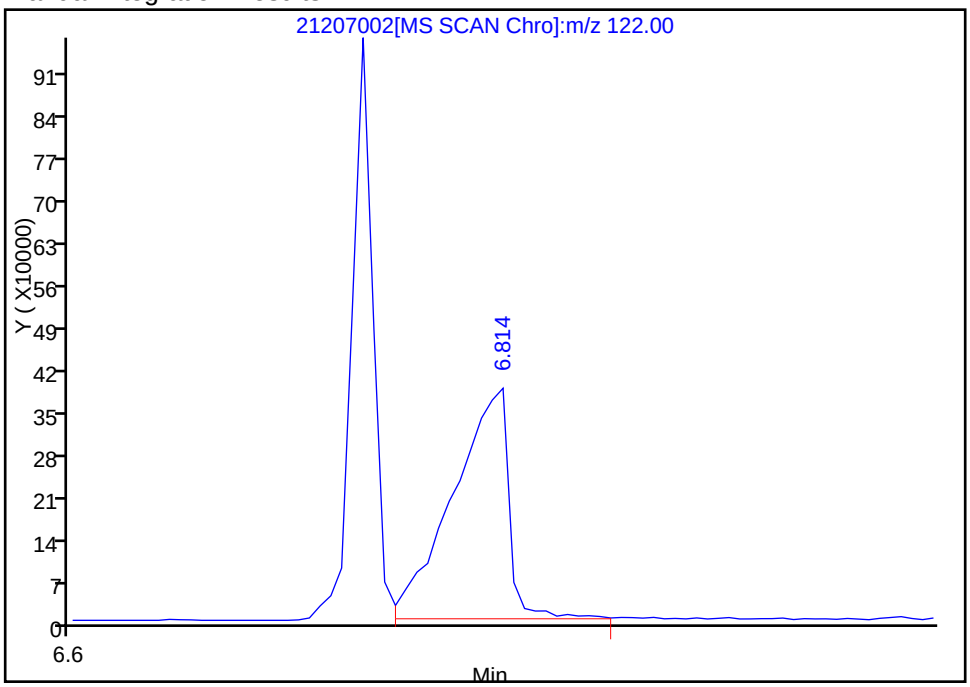
Processing Integration Results

RT: 6.81
Response: 683300
Amount: 16.776640



Manual Integration Results

RT: 6.81
Response: 738271
Amount: 17.941980



Reviewer: ulmanm, 07-Dec-2012 13:56:11
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/07/2012 19:08

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.099			0.0968	0.100		
2-Methylnaphthalene	Ave	0.6886			0.0857	0.100		
1,1'-Biphenyl	Ave	1.445			0.102	0.100		
2-Chloronaphthalene	Ave	1.103			0.0872	0.100		
Acenaphthylene	Ave	1.759			0.0861	0.100		
Acenaphthene	Ave	1.116			0.103	0.100		
Fluorene	Ave	1.363			0.0893	0.100		
Hexachlorobenzene	Ave	0.2035			0.102	0.100		
Phenanthrene	Ave	1.195			0.107	0.100		
Anthracene	Ave	1.197			0.0926	0.100		
Fluoranthene	Ave	1.364			0.101	0.100		
Pyrene	Ave	1.384			0.0935	0.100		
Butyl benzyl phthalate	Ave	0.5524			0.103	0.100		
Benzo[a]anthracene	Ave	1.246			0.117	0.100		
Chrysene	Ave	1.142			0.109	0.100		
Benzo[b]fluoranthene	Ave	1.387			0.0970	0.100		
Benzo[k]fluoranthene	Ave	1.426			0.103	0.100		
Benzo[a]pyrene	Ave	1.309			0.100	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.101	0.100		
Dibenz(a,h)anthracene	Ave	1.180			0.116	0.100		
Benzo[g,h,i]perylene	Ave	1.208			0.0850	0.100		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.526			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.570			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.586			0.000800	0.100		
1,4-Dioxane	Ave	0.7764			0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2834			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4935			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	0.100		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	0.100		
2-Chlorophenol	Ave	1.461			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/07/2012 19:08

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylphenol	Ave	1.718			0.000800	0.100		
2-Nitroaniline	Ave	0.5134			0.000800	0.100		
2-Nitrophenol	Ave	0.1757			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.828			0.000800	0.100		
3,3'-Dichlorobenzidine	Qua				0.000800	0.100		
3-Nitroaniline	Ave	0.2907			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	0.100		
4-Nitroaniline	Ave	0.3061			0.000800	0.100		
4-Nitrophenol	Ave	0.2139			0.00240	0.100		
Acetophenone	Ave	2.653			0.000800	0.100		
Aniline	Ave	3.218			0.00240	0.100		
Atrazine	Ave	0.1759			0.000800	0.100		
Benzaldehyde	Qua				0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.204			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	0.100		
Caprolactam	Ave	0.1156			0.000800	0.100		
Carbazole	Ave	1.072			0.000800	0.100		
Dibenzofuran	Ave	1.610			0.000100	0.100		
Diethyl phthalate	Ave	1.286			0.000800	0.100		
Dimethyl phthalate	Ave	1.299			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.317			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.1912			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/07/2012 19:08

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	0.100		
Hexachloroethane	Ave	0.7420			0.000800	0.100		
Isophorone	Ave	1.175			0.000800	0.100		
Nitrobenzene	Ave	0.6444			0.000100	0.100		
N-Nitrosodimethylamine	Ave	1.020			0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5526			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.575			0.000800	0.100		
Pyridine	Ave	2.082			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.104	0.100	104*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.328			0.0998	0.100	100	45-105
Terphenyl-d14 (Surr)	Ave	0.8194			0.0996	0.100	100	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.574			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.273			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207016.D
Lims ID: mdll1 Client ID:
Inject. Date: 07-Dec-2012 19:08:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015623-016
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 67729 Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 12:38:28 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 08-Dec-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	5.949	5.949	0.0	87	165848	4.00	
* 2 Naphthalene-d8	136	7.065	7.066	-0.001	98	716832	4.00	
* 3 Acenaphthene-d10	164	8.556	8.561	-0.005	62	429742	4.00	
* 4 Phenanthrene-d10	188	9.816	9.817	-0.001	76	761238	4.00	
* 5 Chrysene-d12	240	12.381	12.381	0.0	79	766316	4.00	
* 6 Perylene-d12	264	14.464	14.470	-0.006	78	643746	4.00	
$ 7 2-Fluorophenol	112		4.688					9
$ 8 Phenol-d5	99		5.591					
$ 9 Nitrobenzene-d5	82	6.430	6.435	-0.005	69	11377	0.1037	
$ 10 2-Fluorobiphenyl (Surr)	172	7.973	7.974	-0.001	58	14242	0.0998	
$ 11 2,4,6-Tribromophenol	330		9.224					9
$ 12 Terphenyl-d14	244	11.173	11.174	-0.001	68	15632	0.0996	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.418					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.899					9
27 Pyridine	79		2.947					9
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.631					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
29 3-Chloropropionitrile	54		4.021					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.548					
43 Phenol	94		5.602					
44 Aniline	93		5.645					
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.698					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.896					
48 1,4-Dichlorobenzene	146		5.965					
49 Benzyl alcohol	108		6.056					
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.099					
51 2-Methylphenol	108		6.147					
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.179					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.280					
57 N-Nitrosodi-n-propylamine	70		6.291					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.296					
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
61 Hexachloroethane	117		6.403					9
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77		6.451					
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
64 Isophorone	82		6.654					
230 Diallate Peak 2	86		6.695					9
66 2-Nitrophenol	139		6.729					9
67 1,3,5-Trichlorobenzene	180		6.740					
65 2,4-Dimethylphenol	107		6.745					
140 Dimethoate	87		6.764					
71 Benzoic acid	122		6.814					9
70 Bis(2-chloroethoxy)methane	93		6.831					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.932					9
146 Disulfoton	88		7.010					9
74 1,2,4-Trichlorobenzene	180		7.012					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.081	7.087	-0.006	64	19057	0.0968	
76 4-Chloroaniline	127		7.114					
79 Hexachlorobutadiene	225		7.183					9
80 1,2,3-Trichlorobenzene	180		7.204					9
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.402					9
86 4-Chloro-3-methylphenol	107		7.509					
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.674	7.675	-0.001	68	10574	0.0857	
88 1-Methylnaphthalene	142	7.760	7.760	0.0	53	11489	0.0962	
90 1,2,3,5-Tetrachlorobenzene	216		7.803					
89 Hexachlorocyclopentadiene	237		7.803					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196		7.899					9
93 2,4,5-Trichlorophenol	196		7.931					
97 2,4-Toluene diamine	121		8.043					
99 1,2,3,4 -Tetrachlorobenzene	216		8.054					
98 1,1'-Biphenyl	154	8.059	8.065	-0.006	66	15820	0.1019	
100 2-Chloronaphthalene	162	8.086	8.091	-0.005	71	10326	0.0872	
226 Aramite Peak 1	185		8.131					
102 2-Nitroaniline	65		8.161					9
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.300					
107 2,6-Dinitrotoluene	165		8.358					9
108 1,2-Dinitrobenzene	168		8.406					9
109 Acenaphthylene	152	8.444	8.444	0.0	67	16265	0.0861	
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.503					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153	8.582	8.588	-0.006	69	12388	0.1033	
111 2,4-Dinitrophenol	184		8.593					
113 4-Nitrophenol	109		8.620					9
114 2,4-Dinitrotoluene	165		8.700					9
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.732					
118 2,3,5,6-Tetrachlorophenol	232		8.791					9
121 Diethyl phthalate	149		8.887					
123 4-Chlorophenyl phenyl ether	204		9.005					
125 4-Nitroaniline	138		9.021					
126 Fluorene	166	9.020	9.021	-0.001	75	13082	0.0893	
128 4,6-Dinitro-2-methylphenol	198		9.042					
131 N-Nitrosodiphenylamine	169		9.101					
133 Azobenzene	77		9.144					
132 1,2-Diphenylhydrazine	77		9.144					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.421					9
141 Hexachlorobenzene	284	9.485	9.486	-0.001	26	3965	0.1024	
142 Atrazine	200		9.534					9
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.646					9
148 Phenanthrene	178	9.838	9.838	0.0	15	24295	0.1068	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.881	9.881	0.0	64	21086	0.0926	
150 DFTPP								
151 Carbazole	167		10.004					9
154 Di-n-butyl phthalate	149		10.260					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.847	10.848	-0.001	68	26297	0.1013	
160 Benzidine	184		10.944					
161 Pyrene	202	11.056	11.061	-0.005	86	24801	0.0935	
166 4,4'-DDE	246		11.111					
165 4,4'-DDD	235		11.490					
168 Butyl benzyl phthalate	149	11.654	11.654	0.0	51	10942	0.1034	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.269					9
175 3,3'-Dichlorobenzidine	252		12.312					9
174 4,4'-Methylene bis(2-chloroanili	231		12.312					9
173 Bis(2-ethylhexyl) phthalate	149		12.333					
177 Benzo[a]anthracene	228	12.370	12.370	0.0	21	27810	0.1165	
178 Chrysene	228	12.413	12.418	-0.005	51	23914	0.1093	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.246					
182 Benzo[b]fluoranthene	252	13.876	13.887	-0.011	56	21645	0.0970	
183 Benzo[k]fluoranthene	252	13.914	13.930	-0.016	65	23561	0.1027	
184 Benzo[a]pyrene	252	14.379	14.390	-0.011	54	21117	0.1003	
188 Indeno[1,2,3-cd]pyrene	276	16.131	16.142	-0.011	61	23334	0.1008	M
189 Dibenz(a,h)anthracene	278	16.163	16.169	-0.006	0	21962	0.1156	M
190 Benzo[g,h,i]perylene	276	16.585	16.601	-0.016	71	16523	0.0850	
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 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-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					1
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

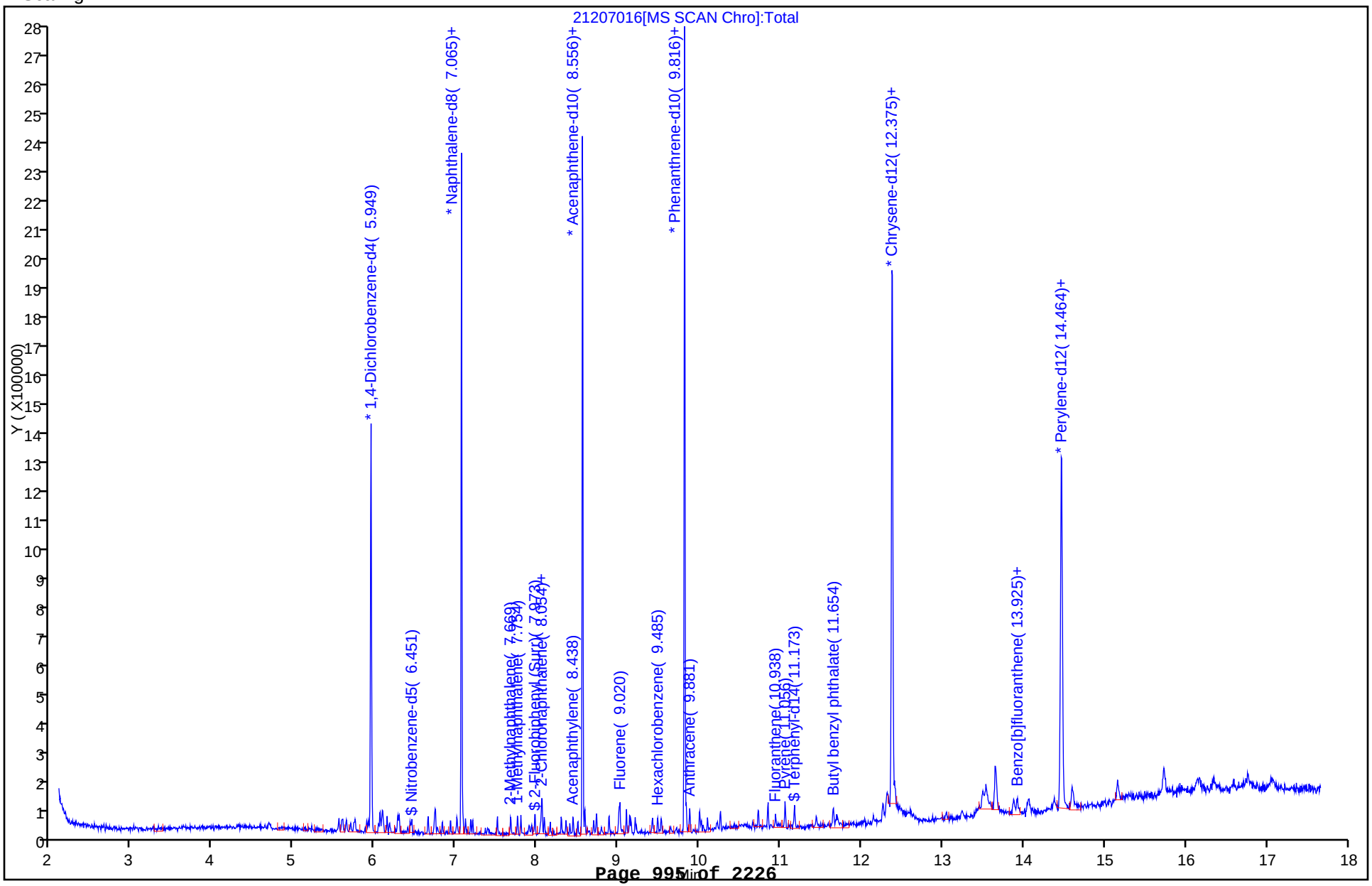
Report Date: 08-Dec-2012 12:38:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207016.D

Injection Date:	07-Dec-2012 19:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	16
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

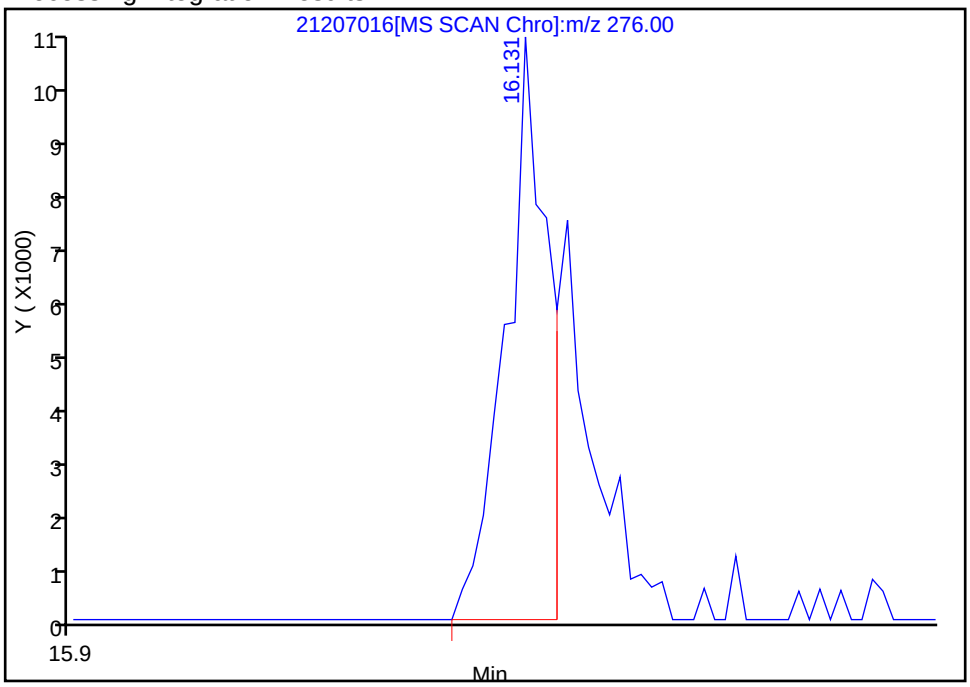
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207016.D		
Injection Date:	07-Dec-2012 19:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.14

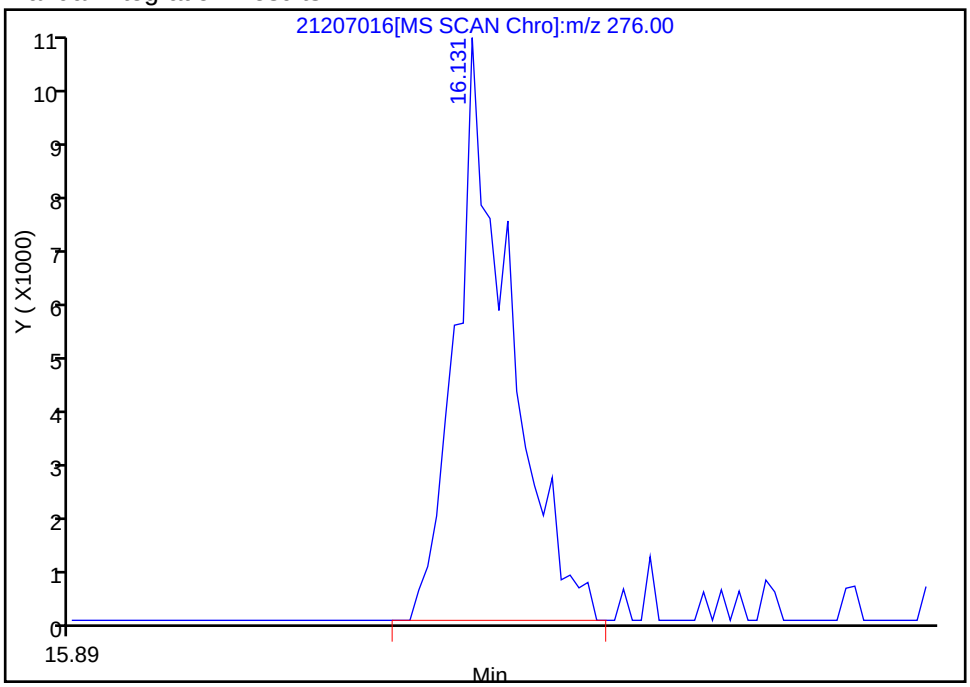
Processing Integration Results

RT: 16.13
Response: 15584
Amount: 0.067345



Manual Integration Results

RT: 16.13
Response: 23334
Amount: 0.100836



Reviewer: ulmanm, 08-Dec-2012 11:27:40
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

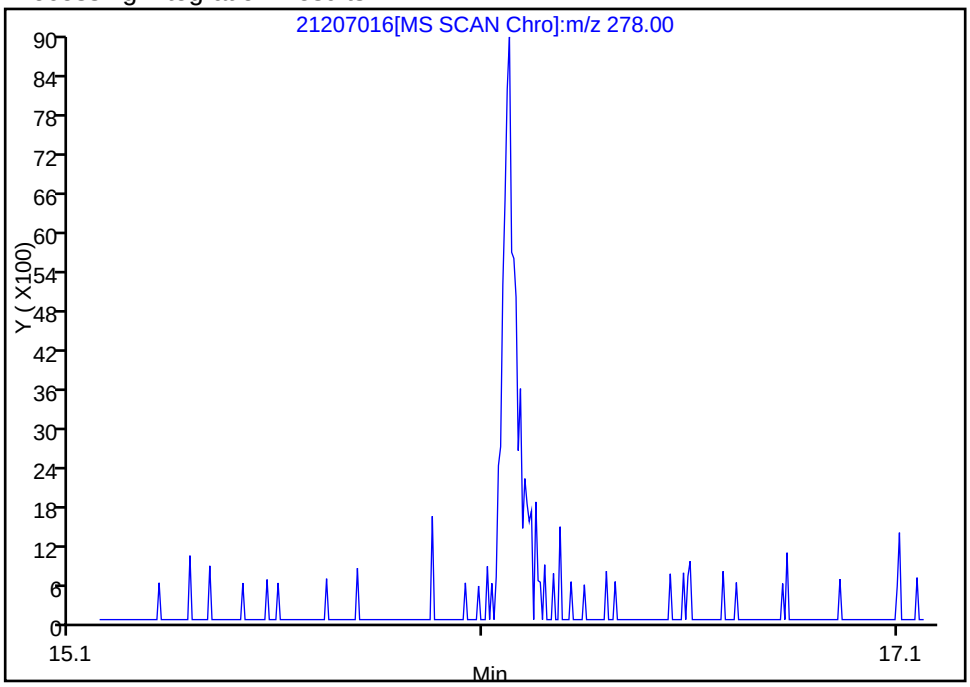
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207016.D		
Injection Date:	07-Dec-2012 19:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	16
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: 16.17

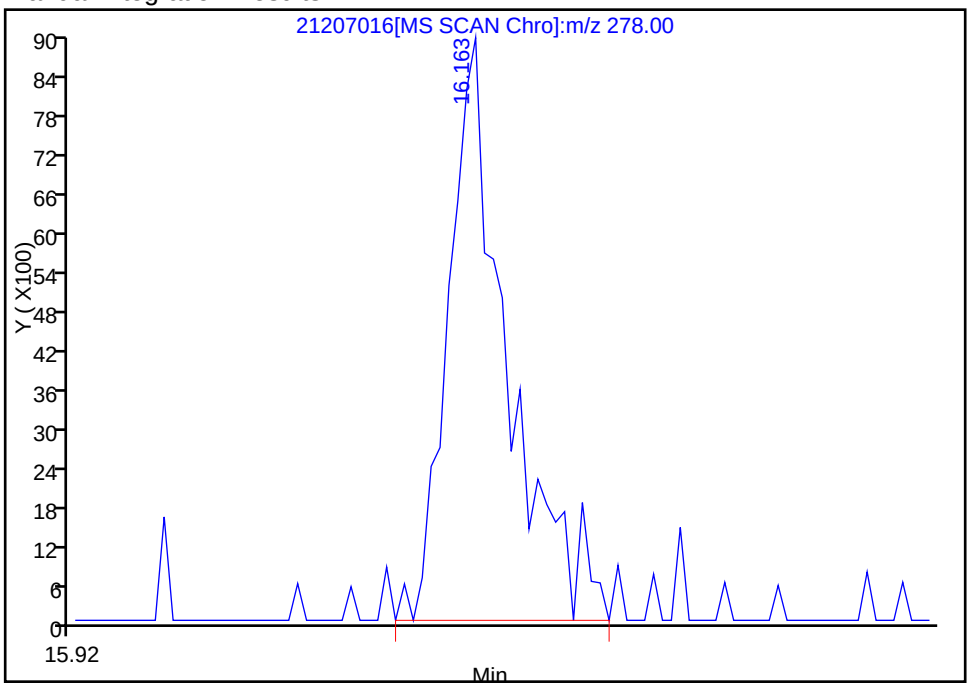
Processing Integration Results

Not Detected
Expected RT: 16.17



Manual Integration Results

RT: 16.16
Response: 21962
Amount: 0.115644



Reviewer: ulmanm, 08-Dec-2012 11:27:40
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/07/2012 19:33

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764			0.350	0.500		
N-Nitrosodimethylamine	Ave	1.020			0.608	0.500		
Pyridine	Ave	2.082			0.539	0.500		
Benzaldehyde	Qua				0.642	0.500		
Phenol	Ave	2.575			0.535	0.500		
Aniline	Ave	3.218			0.537	0.500		
Bis(2-chloroethyl)ether	Ave	1.987			0.578	0.500		
2-Chlorophenol	Ave	1.461			0.544	0.500		
1,3-Dichlorobenzene	Ave	1.570			0.502	0.500		
1,4-Dichlorobenzene	Ave	1.586			0.524	0.500		
Benzyl alcohol	Ave	1.204			0.524	0.500		
1,2-Dichlorobenzene	Ave	1.526			0.517	0.500		
2-Methylphenol	Ave	1.718			0.550	0.500		
3 & 4 Methylphenol	Ave	1.828			0.488	0.500		
N-Nitrosodi-n-propylamine	Ave	1.801			0.512	0.500		
Acetophenone	Ave	2.653			0.474	0.500		
Hexachloroethane	Ave	0.7420			0.382	0.500		
Nitrobenzene	Ave	0.6444			0.495	0.500		
Isophorone	Ave	1.175			0.419	0.500		
2-Nitrophenol	Ave	0.1757			0.467	0.500		
2,4-Dimethylphenol	Ave	0.4935			0.476	0.500		
Benzoic acid	Qua				1.83	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.506	0.500		
2,4-Dichlorophenol	Ave	0.2834			0.497	0.500		
1,2,4-Trichlorobenzene	Ave	0.3506			0.495	0.500		
Hexachlorobutadiene	Ave	0.1912			0.476	0.500		
Caprolactam	Ave	0.1156			0.502	0.500		
4-Chloro-3-methylphenol	Ave	0.4157			0.450	0.500		
2,4,6-Trichlorophenol	Ave	0.3463			0.364	0.500		
2,4,5-Trichlorophenol	Ave	0.3811			0.458	0.500		
2-Nitroaniline	Ave	0.5134			0.440	0.500		
Dimethyl phthalate	Ave	1.299			0.450	0.500		
2,6-Dinitrotoluene	Ave	0.2702			0.481	0.500		
3-Nitroaniline	Ave	0.2907			0.472	0.500		
4-Nitrophenol	Ave	0.2139			0.281	0.500		
2,4-Dinitrotoluene	Ave	0.3626			0.371	0.500		
Dibenzofuran	Ave	1.610			0.457	0.500		
Diethyl phthalate	Ave	1.286			0.415	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.432	0.500		
4-Nitroaniline	Ave	0.3061			0.426	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.859	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/07/2012 19:33

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodiphenylamine	Ave	0.5526			0.484	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.428	0.500		
4-Bromophenyl phenyl ether	Ave	0.2017			0.471	0.500		
Atrazine	Ave	0.1759			0.554	0.500		
Pentachlorophenol	Qua				0.879	1.00		
Phenanthrene	Ave	1.195			0.463	0.500		
Anthracene	Ave	1.197			0.450	0.500		
Carbazole	Ave	1.072			0.461	0.500		
Di-n-butyl phthalate	Ave	1.317			0.423	0.500		
Benzidine	Qua				0.847	0.500		
Butyl benzyl phthalate	Ave	0.5524			0.414	0.500		
3,3'-Dichlorobenzidine	Qua				0.648	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.406	0.500		
Di-n-octyl phthalate	Qua				0.411	0.500		
1,1'-Biphenyl	Ave	1.445			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.103			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6886			0.000100	0.500		
Acenaphthene	Ave	1.116			0.000100	0.500		
Acenaphthylene	Ave	1.759			0.000100	0.500		
Benzo[a]anthracene	Ave	1.246			0.000100	0.500		
Benzo[a]pyrene	Ave	1.309			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.387			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.426			0.000100	0.500		
Chrysene	Ave	1.142			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	0.500		
Fluoranthene	Ave	1.364			0.000100	0.500		
Fluorene	Ave	1.363			0.000100	0.500		
Hexachlorobenzene	Ave	0.2035			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	0.500		
Naphthalene	Ave	1.099			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/07/2012 19:33

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyrene	Ave	1.384			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.574			0.487	0.500	97	35-105
Phenol-d5 (Surr)	Ave	2.273			0.512	0.500	102*	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.462	0.500	92	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207017.D
Lims ID: mdll2 Client ID:
Inject. Date: 07-Dec-2012 19:33:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015623-017
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67729 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 12:38:28 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 08-Dec-2012 11:32:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.950	5.949	0.001	84	171348	4.00	
* 2 Naphthalene-d8	136	7.067	7.066	0.0	98	730522	4.00	
* 3 Acenaphthene-d10	164	8.557	8.561	-0.004	62	458234	4.00	
* 4 Phenanthrene-d10	188	9.818	9.817	0.001	74	779593	4.00	
* 5 Chrysene-d12	240	12.382	12.381	0.001	76	781509	4.00	
* 6 Perylene-d12	264	14.471	14.470	0.001	85	662424	4.00	
$ 7 2-Fluorophenol	112	4.689	4.688	0.001	77	32830	0.4870	
$ 8 Phenol-d5	99	5.587	5.591	-0.004	0	49829	0.5118	
$ 9 Nitrobenzene-d5	82		6.435					
$ 10 2-Fluorobiphenyl (Surr)	172		7.974					
$ 11 2,4,6-Tribromophenol	330	9.225	9.224	0.001	47	8198	0.4620	
$ 12 Terphenyl-d14	244		11.174					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.419	2.418	0.001	61	11631	0.3497	
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.937	2.899	0.038	33	26573	0.6080	M
27 Pyridine	79	2.980	2.947	0.033	58	48039	0.5387	M
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.637	3.631	0.006	59	32112	0.3713	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54	4.027	4.021	0.006	39	17262	0.5461	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					9
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					9
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.549	5.548	0.001	80	50280	0.6420	
43 Phenol	94	5.603	5.602	0.001	94	59048	0.5354	
44 Aniline	93	5.646	5.645	0.001	89	74049	0.5372	
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93	5.699	5.698	0.001	88	49228	0.5785	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.752	5.751	0.001	74	34025	0.5438	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.897	5.896	0.001	81	33750	0.5017	
48 1,4-Dichlorobenzene	146	5.961	5.965	-0.004	71	35618	0.5243	
49 Benzyl alcohol	108	6.057	6.056	0.001	87	27044	0.5244	
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146	6.100	6.099	0.001	79	33783	0.5166	
51 2-Methylphenol	108	6.148	6.147	0.001	92	40488	0.5503	
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45	6.180	6.179	0.001	89	47046	0.5425	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.276	6.280	-0.004	82	38227	0.4882	
57 N-Nitrosodi-n-propylamine	70	6.292	6.291	0.001	61	39529	0.5123	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.297	6.296	0.001	81	53829	0.4737	
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117	6.399	6.403	-0.004	76	12140	0.3819	
130 Diphenylamine	169		6.428					9
62 Nitrobenzene	77	6.452	6.451	0.001	73	58278	0.4952	
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.650	6.654	-0.004	91	90030	0.4194	
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139	6.725	6.729	-0.004	81	14996	0.4673	
67 1,3,5-Trichlorobenzene	180	6.741	6.740	0.001	86	33323	0.5061	
65 2,4-Dimethylphenol	107	6.746	6.745	0.001	95	42860	0.4756	
140 Dimethoate	87		6.764					9
71 Benzoic acid	122	6.767	6.814	-0.047	69	13124	1.83	
70 Bis(2-chloroethoxy)methane	93	6.826	6.831	-0.004	91	55533	0.5056	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162	6.928	6.932	-0.004	83	25742	0.4973	
146 Disulfoton	88		7.010					9
74 1,2,4-Trichlorobenzene	180	7.008	7.012	-0.004	77	31717	0.4954	
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.087					
76 4-Chloroaniline	127	7.115	7.114	0.001	83	37425	0.4717	
79 Hexachlorobutadiene	225	7.179	7.183	-0.004	79	16626	0.4762	
80 1,2,3-Trichlorobenzene	180	7.205	7.204	0.001	78	30393	0	
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.387	7.402	-0.015	64	10595	0.5019	
86 4-Chloro-3-methylphenol	107	7.510	7.509	0.001	74	34140	0.4497	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142		7.675					
88 1-Methylnaphthalene	142		7.760					
90 1,2,3,5-Tetrachlorobenzene	216	7.798	7.803	-0.005	81	27486	0.4299	
89 Hexachlorocyclopentadiene	237		7.803					9
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.900	7.899	0.001	78	14435	0.3638	
93 2,4,5-Trichlorophenol	196	7.932	7.931	0.001	83	20002	0.4581	
97 2,4-Toluene diamine	121	8.039	8.043	-0.004	88	24112	0.6738	
99 1,2,3,4 -Tetrachlorobenzene	216		8.054					
98 1,1'-Biphenyl	154		8.065					
100 2-Chloronaphthalene	162		8.091					
226 Aramite Peak 1	185		8.131					
102 2-Nitroaniline	65	8.156	8.161	-0.005	62	25883	0.4401	
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163	8.295	8.300	-0.005	91	67025	0.4503	
107 2,6-Dinitrotoluene	165	8.354	8.358	-0.004	75	14884	0.4808	
108 1,2-Dinitrobenzene	168	8.402	8.406	-0.004	64	6739	0.4427	
109 Acenaphthylene	152		8.444					
167 Famphur	218		8.473					
110 3-Nitroaniline	138	8.504	8.503	0.001	83	15718	0.4720	
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.588					
111 2,4-Dinitrophenol	184		8.593					
113 4-Nitrophenol	109	8.616	8.620	-0.004	73	6881	0.2808	
114 2,4-Dinitrotoluene	165	8.696	8.700	-0.004	66	15390	0.3705	
171 2-Acetylaminofluorene	181		8.713					9
116 Dibenzofuran	168	8.733	8.732	0.001	82	84206	0.4566	
118 2,3,5,6-Tetrachlorophenol	232	8.787	8.791	-0.004	74	12400	0.3421	
121 Diethyl phthalate	149	8.888	8.887	0.001	93	61160	0.4150	
123 4-Chlorophenyl phenyl ether	204	9.006	9.005	0.001	91	34253	0.4323	
125 4-Nitroaniline	138	9.016	9.021	-0.005	69	14940	0.4260	
126 Fluorene	166		9.021					
128 4,6-Dinitro-2-methylphenol	198	9.038	9.042	-0.004	17	6147	0.8588	
131 N-Nitrosodiphenylamine	169	9.102	9.101	0.001	95	52164	0.4843	
133 Azobenzene	77	9.139	9.144	-0.005	95	112290	0.4282	
132 1,2-Diphenylhydrazine	77	9.139	9.144	-0.005	99	112290	0.4282	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.422	9.421	0.001	65	18501	0.4706	
141 Hexachlorobenzene	284		9.486					
142 Atrazine	200	9.529	9.534	-0.005	61	19010	0.5544	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.647	9.646	0.001	64	12803	0.8786	
148 Phenanthrene	178	9.839	9.838	0.001	75	107863	0.4631	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.882	9.881	0.001	81	104882	0.4495	
150 DFTPP								
151 Carbazole	167	10.005	10.004	0.001	67	96390	0.4612	
154 Di-n-butyl phthalate	149	10.261	10.260	0.001	97	108462	0.4225	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.848					
160 Benzidine	184	10.945	10.944	0.001	87	44863	0.8471	
161 Pyrene	202		11.061					
166 4,4'-DDE	246		11.111					9
165 4,4'-DDD	235		11.490					
168 Butyl benzyl phthalate	149	11.650	11.654	-0.004	80	44634	0.4136	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.264	12.269	-0.005	59	19434	0.8729	
175 3,3'-Dichlorobenzidine	252	12.307	12.312	-0.005	57	37773	0.6475	
174 4,4'-Methylene bis(2-chloroanili	231	12.312	12.312	0.0	66	20166	0.4624	
173 Bis(2-ethylhexyl) phthalate	149	12.334	12.333	0.001	93	65161	0.4057	
177 Benzo[a]anthracene	228		12.370					
178 Chrysene	228		12.418					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.237	13.246	-0.009	86	91979	0.4107	
182 Benzo[b]fluoranthene	252		13.887					
183 Benzo[k]fluoranthene	252		13.930					
184 Benzo[a]pyrene	252		14.390					
188 Indeno[1,2,3-cd]pyrene	276		16.142					
189 Dibenz(a,h)anthracene	278		16.169					9
190 Benzo[g,h,i]perylene	276		16.601					
S 191 Methyl Phenols,Total	100				0		1.04	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-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					1
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

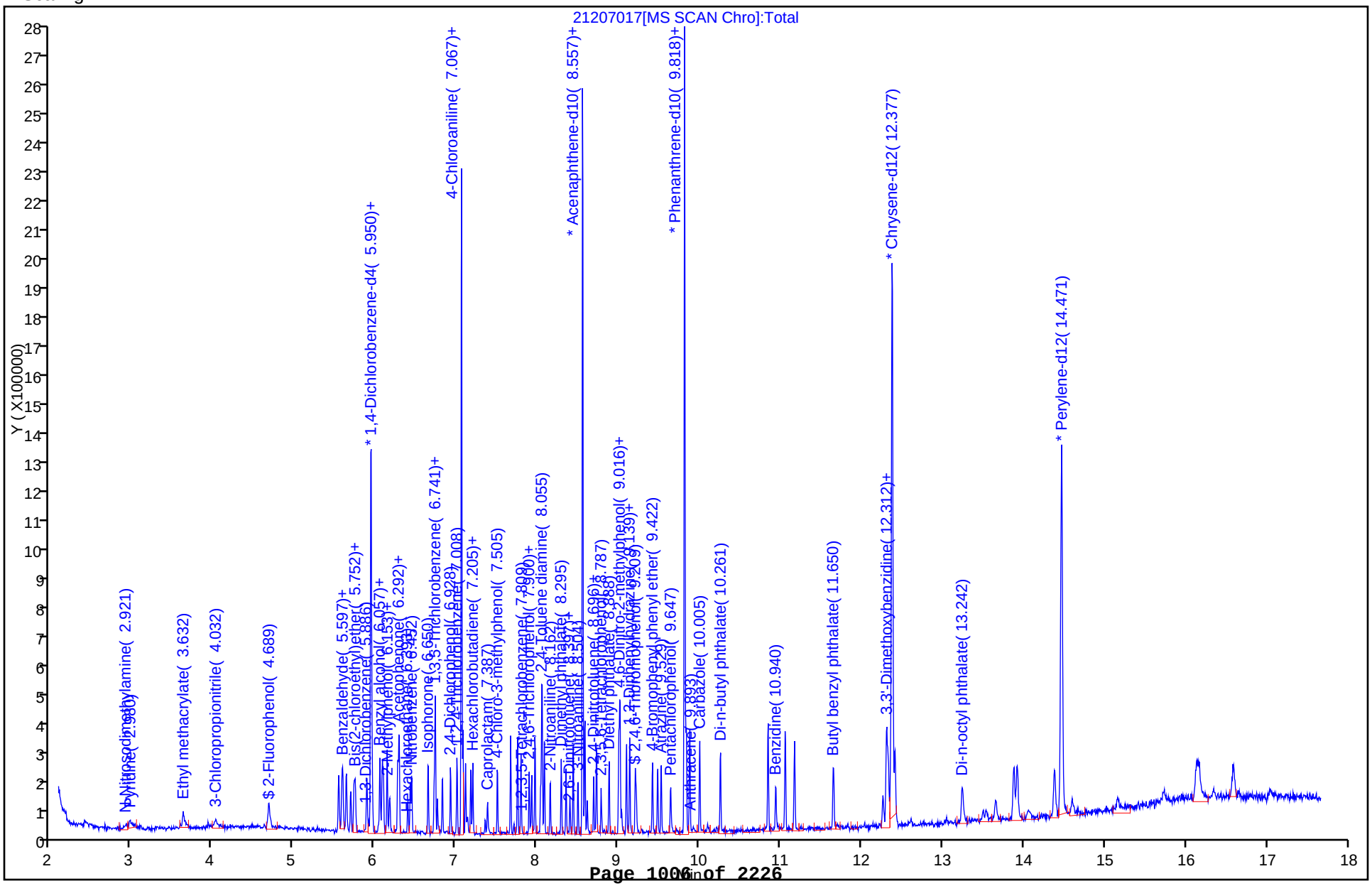
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207017.D

Injection Date:	07-Dec-2012 19:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	17
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

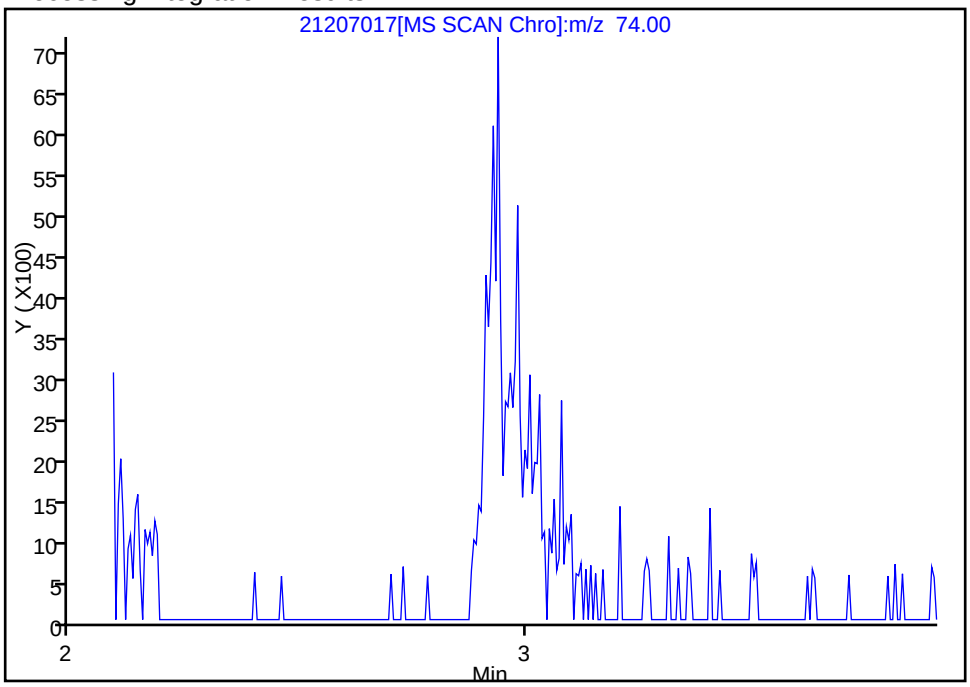
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207017.D		
Injection Date:	07-Dec-2012 19:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.90

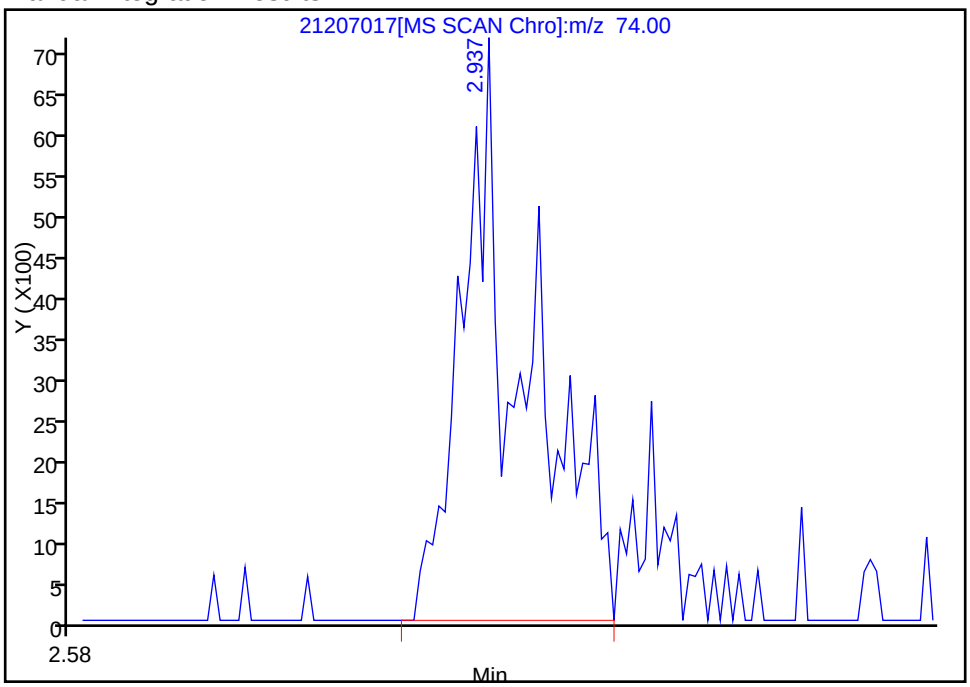
Processing Integration Results

Not Detected
Expected RT: 2.90



Manual Integration Results

RT: 2.94
Response: 26573
Amount: 0.608046



Reviewer: ulmanm, 08-Dec-2012 11:32:18
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

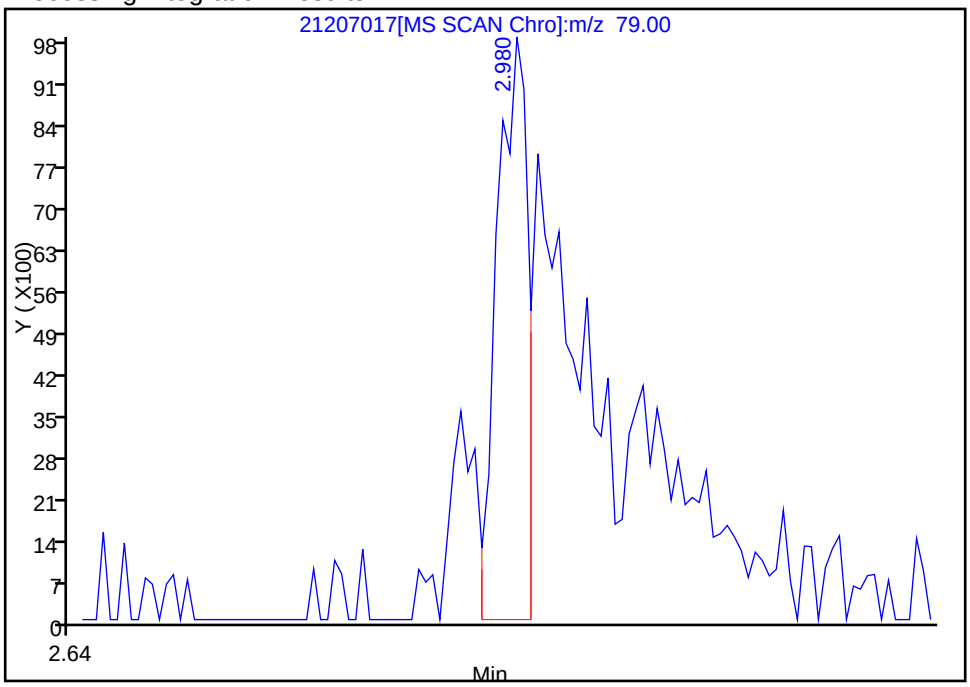
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207017.D		
Injection Date:	07-Dec-2012 19:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 2.95

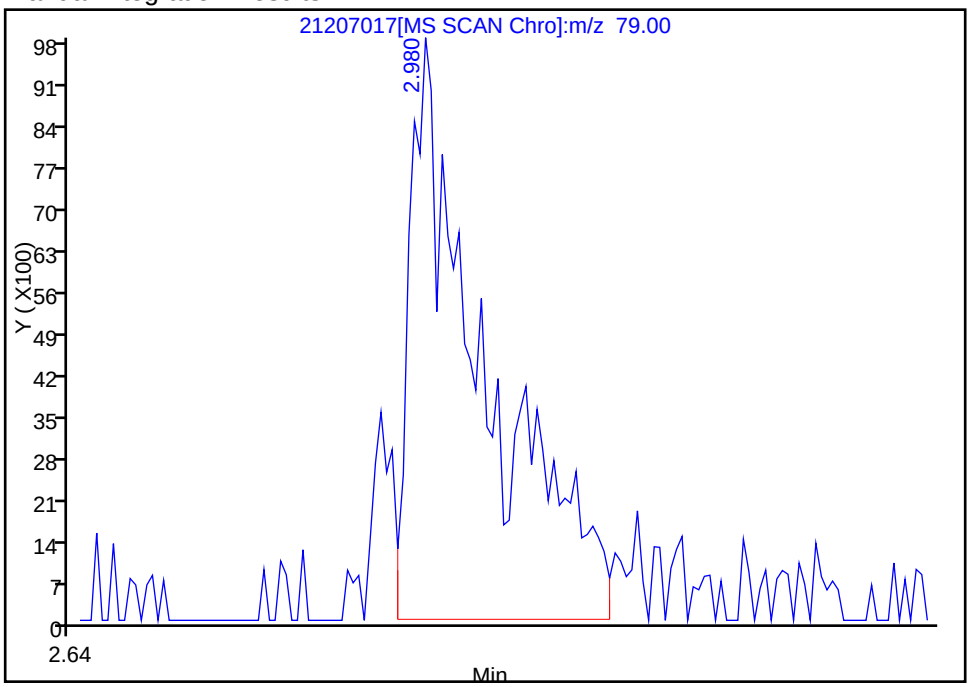
Processing Integration Results

RT: 2.98
Response: 16220
Amount: 0.181885



Manual Integration Results

RT: 2.98
Response: 48039
Amount: 0.538692



Reviewer: ulmanm, 08-Dec-2012 11:32:18
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/07/2012 19:58

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.13	2.00		
1,1'-Biphenyl	Ave	1.445			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.526			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.570			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.586			0.000800	1.00		
1,4-Dioxane	Ave	0.7764			0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2834			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4935			0.000800	1.00		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	1.00		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	1.00		
2-Chloronaphthalene	Ave	1.103			0.000100	1.00		
2-Chlorophenol	Ave	1.461			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6886			0.000100	1.00		
2-Methylphenol	Ave	1.718			0.000800	1.00		
2-Nitroaniline	Ave	0.5134			0.000800	1.00		
2-Nitrophenol	Ave	0.1757			0.000800	1.00		
3 & 4 Methylphenol	Ave	1.828			0.000800	1.00		
3,3'-Dichlorobenzidine	Qua				0.000800	1.00		
3-Nitroaniline	Ave	0.2907			0.000800	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	1.00		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	1.00		
4-Nitroaniline	Ave	0.3061			0.000800	1.00		
4-Nitrophenol	Ave	0.2139			0.00240	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/07/2012 19:58

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.116			0.000100	1.00		
Acenaphthylene	Ave	1.759			0.000100	1.00		
Acetophenone	Ave	2.653			0.000800	1.00		
Aniline	Ave	3.218			0.00240	1.00		
Anthracene	Ave	1.197			0.000100	1.00		
Atrazine	Ave	0.1759			0.000800	1.00		
Benzaldehyde	Qua				0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.246			0.000100	1.00		
Benzo[a]pyrene	Ave	1.309			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.387			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.426			0.000100	1.00		
Benzoic acid	Qua				0.0100	2.00		
Benzyl alcohol	Ave	1.204			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5524			0.000800	1.00		
Caprolactam	Ave	0.1156			0.000800	1.00		
Carbazole	Ave	1.072			0.000800	1.00		
Chrysene	Ave	1.142			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	1.00		
Dibenzofuran	Ave	1.610			0.000100	1.00		
Diethyl phthalate	Ave	1.286			0.000800	1.00		
Dimethyl phthalate	Ave	1.299			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.317			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.364			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/07/2012 19:58

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.363			0.000100	1.00		
Hexachlorobenzene	Ave	0.2035			0.000100	1.00		
Hexachlorobutadiene	Ave	0.1912			0.000080	1.00		
Hexachlorocyclopentadiene	Ave	0.3216			0.000080	1.00		
Hexachloroethane	Ave	0.7420			0.000080	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	1.00		
Isophorone	Ave	1.175			0.000080	1.00		
Naphthalene	Ave	1.099			0.000100	1.00		
Nitrobenzene	Ave	0.6444			0.000100	1.00		
N-Nitrosodimethylamine	Ave	1.020			0.000080	1.00		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000080	1.00		
N-Nitrosodiphenylamine	Ave	0.5526			0.000080	1.00		
Pentachlorophenol	Qua				0.00240	2.00		
Phenanthrene	Ave	1.195			0.000100	1.00		
Phenol	Ave	2.575			0.000080	1.00		
Pyrene	Ave	1.384			0.000100	1.00		
Pyridine	Ave	2.082			0.000080	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.574			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.273			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207018.D
Lims ID: mdll3 Client ID:
Inject. Date: 07-Dec-2012 19:58:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015623-018
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 67729 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 12:38:28 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 08-Dec-2012 11:35:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.946	5.949	-0.003	84	181236	4.00	
* 2 Naphthalene-d8	136	7.062	7.066	-0.004	98	772883	4.00	
* 3 Acenaphthene-d10	164	8.558	8.561	-0.003	63	474754	4.00	
* 4 Phenanthrene-d10	188	9.819	9.817	0.002	77	828278	4.00	
* 5 Chrysene-d12	240	12.378	12.381	-0.003	78	821103	4.00	
* 6 Perylene-d12	264	14.466	14.470	-0.004	80	691003	4.00	
$ 7 2-Fluorophenol	112		4.688					
$ 8 Phenol-d5	99		5.591					
$ 9 Nitrobenzene-d5	82		6.435					
$ 10 2-Fluorobiphenyl (Surr)	172		7.974					
$ 11 2,4,6-Tribromophenol	330		9.224					
$ 12 Terphenyl-d14	244		11.174					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.418					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.899					
27 Pyridine	79		2.947					
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.631					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.548					
43 Phenol	94		5.602					
44 Aniline	93		5.645					
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.698					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.896					
48 1,4-Dichlorobenzene	146		5.965					
49 Benzyl alcohol	108		6.056					
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.099					
51 2-Methylphenol	108		6.147					
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.179					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.280					
57 N-Nitrosodi-n-propylamine	70		6.291					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.296					
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117		6.403					
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77		6.451					
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					9
64 Isophorone	82		6.654					
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139		6.729					
67 1,3,5-Trichlorobenzene	180		6.740					
65 2,4-Dimethylphenol	107		6.745					
140 Dimethoate	87		6.764					9
71 Benzoic acid	122		6.814					
70 Bis(2-chloroethoxy)methane	93		6.831					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.932					
146 Disulfoton	88		7.010					9
74 1,2,4-Trichlorobenzene	180		7.012					
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.087					
76 4-Chloroaniline	127		7.114					
79 Hexachlorobutadiene	225		7.183					
80 1,2,3-Trichlorobenzene	180		7.204					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.402					
86 4-Chloro-3-methylphenol	107		7.509					
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142		7.675					
88 1-Methylnaphthalene	142		7.760					
90 1,2,3,5-Tetrachlorobenzene	216		7.803					
89 Hexachlorocyclopentadiene	237		7.803					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196		7.899					
93 2,4,5-Trichlorophenol	196		7.931					
97 2,4-Toluene diamine	121		8.043					
99 1,2,3,4 -Tetrachlorobenzene	216		8.054					
98 1,1'-Biphenyl	154		8.065					
100 2-Chloronaphthalene	162		8.091					
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65		8.161					
229 Aramite Peak 2	185		8.185					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.300					
107 2,6-Dinitrotoluene	165		8.358					
108 1,2-Dinitrobenzene	168		8.406					
109 Acenaphthylene	152		8.444					
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.503					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.588					
111 2,4-Dinitrophenol	184	8.590	8.593	-0.003	43	13379	2.13	
113 4-Nitrophenol	109		8.620					
114 2,4-Dinitrotoluene	165		8.700					
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.732					
118 2,3,5,6-Tetrachlorophenol	232		8.791					
121 Diethyl phthalate	149		8.887					
123 4-Chlorophenyl phenyl ether	204		9.005					
125 4-Nitroaniline	138		9.021					
126 Fluorene	166		9.021					
128 4,6-Dinitro-2-methylphenol	198		9.042					
131 N-Nitrosodiphenylamine	169		9.101					
133 Azobenzene	77		9.144					
132 1,2-Diphenylhydrazine	77		9.144					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.421					
141 Hexachlorobenzene	284		9.486					
142 Atrazine	200		9.534					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.646					
148 Phenanthrene	178		9.838					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178		9.881					
150 DFTPP								
151 Carbazole	167		10.004					
154 Di-n-butyl phthalate	149		10.260					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.848					
160 Benzidine	184		10.944					
161 Pyrene	202		11.061					
166 4,4'-DDE	246		11.111					9
165 4,4'-DDD	235		11.490					
168 Butyl benzyl phthalate	149		11.654					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.269					
175 3,3'-Dichlorobenzidine	252		12.312					
174 4,4'-Methylene bis(2-chloroanili	231		12.312					
173 Bis(2-ethylhexyl) phthalate	149		12.333					
177 Benzo[a]anthracene	228		12.370					
178 Chrysene	228		12.418					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.246					
182 Benzo[b]fluoranthene	252		13.887					
183 Benzo[k]fluoranthene	252		13.930					
184 Benzo[a]pyrene	252		14.390					
188 Indeno[1,2,3-cd]pyrene	276		16.142					
189 Dibenz(a,h)anthracene	278		16.169					
190 Benzo[g,h,i]perylene	276		16.601					
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 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-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					
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

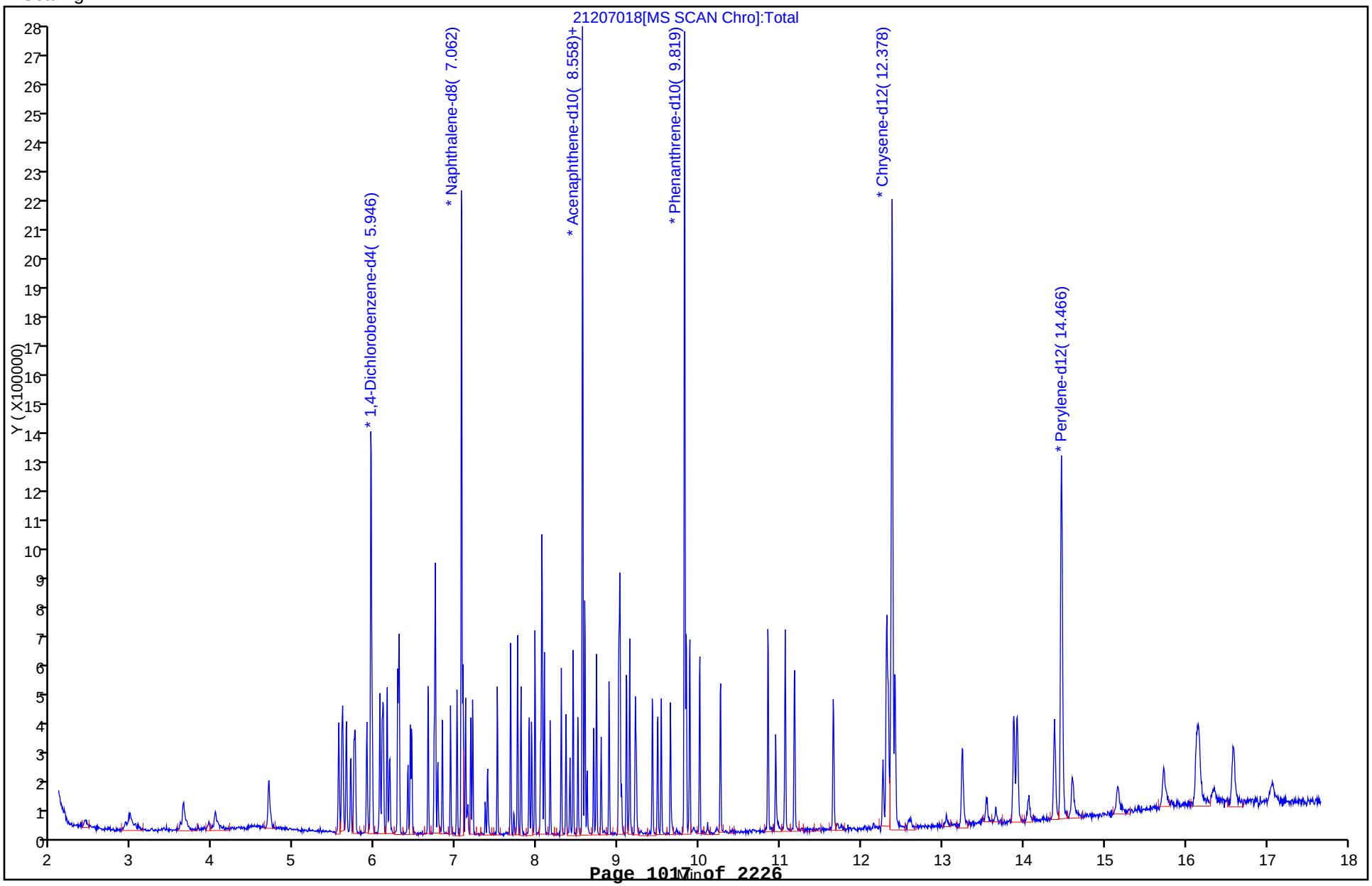
Report Date: 08-Dec-2012 12:38:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207018.D

Injection Date:	07-Dec-2012 19:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	18
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.: 240-17467-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/07/2012 20:23

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3216			0.171	2.00		
1,1'-Biphenyl	Ave	1.445			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.526			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.570			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.586			0.000800	2.00		
1,4-Dioxane	Ave	0.7764			0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2834			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4935			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	2.00		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	2.00		
2-Chloronaphthalene	Ave	1.103			0.000100	2.00		
2-Chlorophenol	Ave	1.461			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6886			0.000100	2.00		
2-Methylphenol	Ave	1.718			0.000800	2.00		
2-Nitroaniline	Ave	0.5134			0.000800	2.00		
2-Nitrophenol	Ave	0.1757			0.000800	2.00		
3 & 4 Methylphenol	Ave	1.828			0.000800	2.00		
3,3'-Dichlorobenzidine	Qua				0.000800	2.00		
3-Nitroaniline	Ave	0.2907			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	2.00		
4-Nitroaniline	Ave	0.3061			0.000800	2.00		
4-Nitrophenol	Ave	0.2139			0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/07/2012 20:23

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.116			0.000100	2.00		
Acenaphthylene	Ave	1.759			0.000100	2.00		
Acetophenone	Ave	2.653			0.000800	2.00		
Aniline	Ave	3.218			0.00240	2.00		
Anthracene	Ave	1.197			0.000100	2.00		
Atrazine	Ave	0.1759			0.000800	2.00		
Benzaldehyde	Qua				0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.246			0.000100	2.00		
Benzo[a]pyrene	Ave	1.309			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.387			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.426			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.204			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5524			0.000800	2.00		
Caprolactam	Ave	0.1156			0.000800	2.00		
Carbazole	Ave	1.072			0.000800	2.00		
Chrysene	Ave	1.142			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	2.00		
Dibenzofuran	Ave	1.610			0.000100	2.00		
Diethyl phthalate	Ave	1.286			0.000800	2.00		
Dimethyl phthalate	Ave	1.299			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.317			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.364			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/07/2012 20:23

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21207019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.363			0.000100	2.00		
Hexachlorobenzene	Ave	0.2035			0.000100	2.00		
Hexachlorobutadiene	Ave	0.1912			0.000080	2.00		
Hexachloroethane	Ave	0.7420			0.000080	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	2.00		
Isophorone	Ave	1.175			0.000080	2.00		
Naphthalene	Ave	1.099			0.000100	2.00		
Nitrobenzene	Ave	0.6444			0.000100	2.00		
N-Nitrosodimethylamine	Ave	1.020			0.000080	2.00		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000080	2.00		
N-Nitrosodiphenylamine	Ave	0.5526			0.000080	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.195			0.000100	2.00		
Phenol	Ave	2.575			0.000080	2.00		
Pyrene	Ave	1.384			0.000100	2.00		
Pyridine	Ave	2.082			0.000080	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.574			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.273			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207019.D
Lims ID: mdll4 Client ID:
Inject. Date: 07-Dec-2012 20:23:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015623-019
Misc. Info.: MDLL4 =MDLL4
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 67729 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 12:38:28 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 08-Dec-2012 11:37:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.946	5.949	-0.003	85	166161	4.00	
* 2 Naphthalene-d8	136	7.062	7.066	-0.004	97	671525	4.00	
* 3 Acenaphthene-d10	164	8.558	8.561	-0.003	63	420344	4.00	
* 4 Phenanthrene-d10	188	9.819	9.817	0.002	78	725578	4.00	
* 5 Chrysene-d12	240	12.378	12.381	-0.003	75	734954	4.00	
* 6 Perylene-d12	264	14.467	14.470	-0.003	77	605386	4.00	
$ 7 2-Fluorophenol	112		4.688					
$ 8 Phenol-d5	99		5.591					
$ 9 Nitrobenzene-d5	82		6.435					
$ 10 2-Fluorobiphenyl (Surr)	172		7.974					
$ 11 2,4,6-Tribromophenol	330		9.224					
$ 12 Terphenyl-d14	244		11.174					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.418					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.899					
27 Pyridine	79		2.947					
37 Ethyl methanesulfonate	79		3.105					

9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.631					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.548					
43 Phenol	94		5.602					
44 Aniline	93		5.645					
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.698					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.896					
48 1,4-Dichlorobenzene	146		5.965					
49 Benzyl alcohol	108		6.056					
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.099					
51 2-Methylphenol	108		6.147					
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.179					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.280					
57 N-Nitrosodi-n-propylamine	70		6.291					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.296					
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117		6.403					
130 Diphenylamine	169		6.428					9
62 Nitrobenzene	77		6.451					
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					9
64 Isophorone	82		6.654					
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139		6.729					
67 1,3,5-Trichlorobenzene	180		6.740					
65 2,4-Dimethylphenol	107		6.745					
140 Dimethoate	87		6.764					9
71 Benzoic acid	122		6.814					
70 Bis(2-chloroethoxy)methane	93		6.831					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.932					
146 Disulfoton	88		7.010					
74 1,2,4-Trichlorobenzene	180		7.012					
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.087					
76 4-Chloroaniline	127		7.114					
79 Hexachlorobutadiene	225		7.183					
80 1,2,3-Trichlorobenzene	180		7.204					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.402					
86 4-Chloro-3-methylphenol	107		7.509					
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.675					
88 1-Methylnaphthalene	142		7.760					
90 1,2,3,5-Tetrachlorobenzene	216		7.803					
89 Hexachlorocyclopentadiene	237	7.800	7.803	-0.003	26	5768	0.1707	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196		7.899					
93 2,4,5-Trichlorophenol	196		7.931					
97 2,4-Toluene diamine	121		8.043					
99 1,2,3,4 -Tetrachlorobenzene	216		8.054					
98 1,1'-Biphenyl	154		8.065					
100 2-Chloronaphthalene	162		8.091					
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65		8.161					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.300					
107 2,6-Dinitrotoluene	165		8.358					
108 1,2-Dinitrobenzene	168		8.406					
109 Acenaphthylene	152		8.444					
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.503					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.588					
111 2,4-Dinitrophenol	184		8.593					
113 4-Nitrophenol	109		8.620					
114 2,4-Dinitrotoluene	165		8.700					
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.732					
118 2,3,5,6-Tetrachlorophenol	232		8.791					
121 Diethyl phthalate	149		8.887					
123 4-Chlorophenyl phenyl ether	204		9.005					
125 4-Nitroaniline	138		9.021					
126 Fluorene	166		9.021					
128 4,6-Dinitro-2-methylphenol	198		9.042					
131 N-Nitrosodiphenylamine	169		9.101					
133 Azobenzene	77		9.144					
132 1,2-Diphenylhydrazine	77		9.144					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.421					
141 Hexachlorobenzene	284		9.486					
142 Atrazine	200		9.534					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.646					
148 Phenanthrene	178		9.838					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178		9.881					
150 DFTPP								
151 Carbazole	167		10.004					
154 Di-n-butyl phthalate	149		10.260					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.848					
160 Benzidine	184		10.944					
161 Pyrene	202		11.061					
166 4,4'-DDE	246		11.111					9
165 4,4'-DDD	235		11.490					
168 Butyl benzyl phthalate	149		11.654					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.269					
175 3,3'-Dichlorobenzidine	252		12.312					
174 4,4'-Methylene bis(2-chloroanili	231		12.312					
173 Bis(2-ethylhexyl) phthalate	149		12.333					
177 Benzo[a]anthracene	228		12.370					
178 Chrysene	228		12.418					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.246					
182 Benzo[b]fluoranthene	252		13.887					
183 Benzo[k]fluoranthene	252		13.930					
184 Benzo[a]pyrene	252		14.390					
188 Indeno[1,2,3-cd]pyrene	276		16.142					
189 Dibenz(a,h)anthracene	278		16.169					9
190 Benzo[g,h,i]perylene	276		16.601					
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 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-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					
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

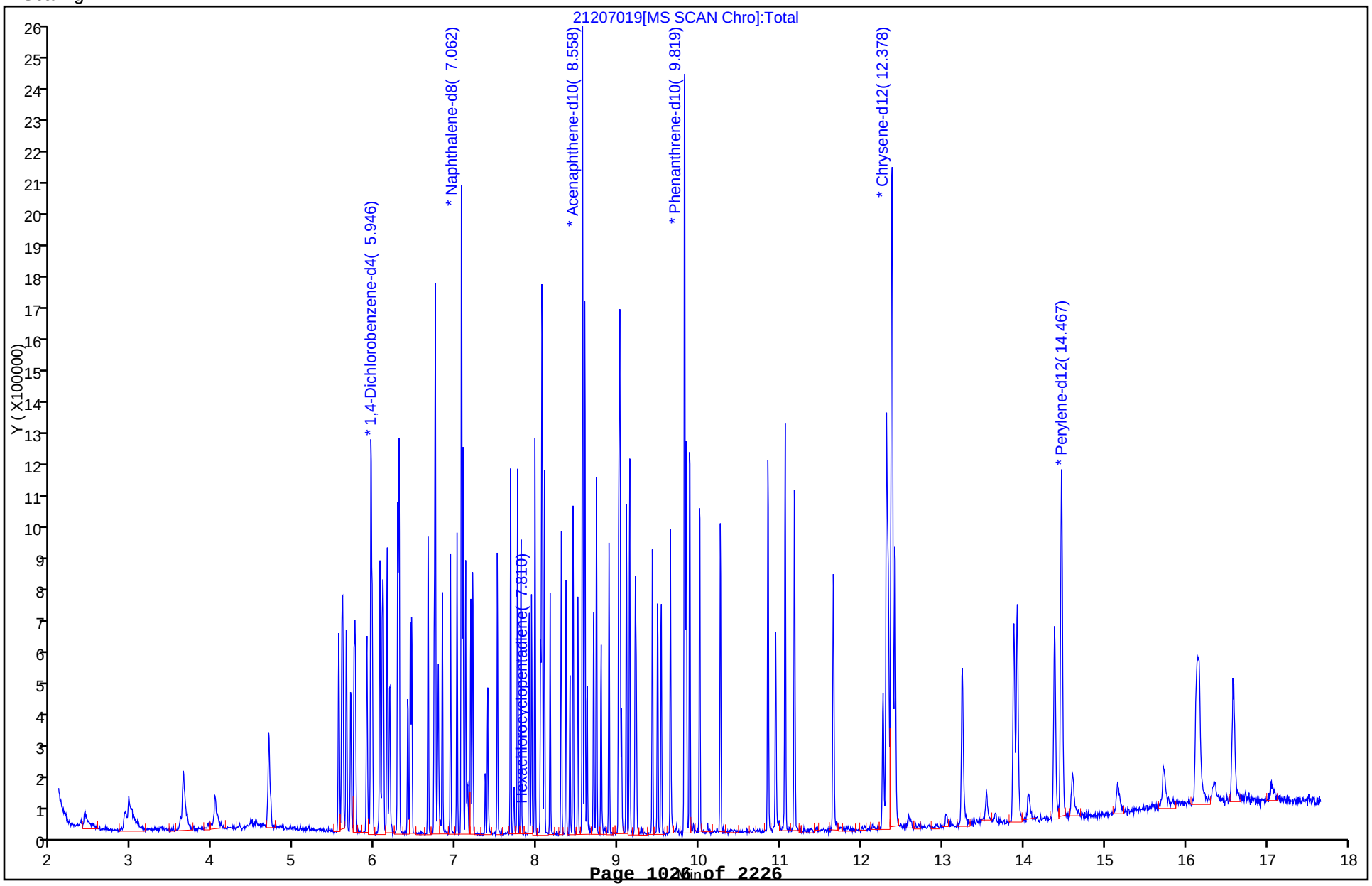
Report Date: 08-Dec-2012 12:38:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207019.D

Injection Date:	07-Dec-2012 20:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	19
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.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-68161/12 Calibration Date: 12/11/2012 17:12

Instrument ID: A4HP9 Calib Start Date: 11/22/2012 11:53

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/22/2012 14:05

Lab File ID: 21211012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4,5-Tetrachlorobenzene	Ave	0.5590		0.0500	0.000550	10.0		20.0
2,6-Dichlorophenol	Ave	0.2986		0.0500	0.0100	10.0		20.0
N-Nitrosopyrrolidine	Ave	0.9013		0.0500	0.00240	10.0		20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211012.D
Lims ID: icv ind
Client ID:
Inject. Date: 11-Dec-2012 17:12:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015722-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 68161
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 07:43:08
Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm
Date: 12-Dec-2012 07:40:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.099	0.0	94	112770	4.00	
* 2 Naphthalene-d8	136	7.205	7.205	0.0	98	468717	4.00	
* 3 Acenaphthene-d10	164	8.706	8.706	0.0	78	283801	4.00	
* 4 Phenanthrene-d10	188	9.972	9.972	0.0	78	478455	4.00	
* 5 Chrysene-d12	240	12.622	12.622	0.0	78	478914	4.00	
* 6 Perylene-d12	264	14.791	14.791	0.0	93	328863	4.00	
25 1,4-Dioxane	88	2.862	2.862	0.0	86	231370	11.7	
26 N-Nitrosodimethylamine	74	3.327	3.332	-0.005	85	292208	10.8	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.709	5.715	-0.006	83	99850	1.66	
43 Phenol	94	5.747	5.747	0.0	96	707666	10.4	
44 Aniline	93	5.800	5.800	0.0	95	767221	9.30	
69 Bis(2-chloroethyl)ether	93	5.848	5.848	0.0	93	556577	8.89	
46 2-Chlorophenol	128	5.907	5.907	0.0	89	407619	10.7	
47 1,3-Dichlorobenzene	146	6.051	6.051	0.0	81	460429	9.15	
48 1,4-Dichlorobenzene	146	6.115	6.115	0.0	81	465007	10.9	
49 Benzyl alcohol	108	6.201	6.206	-0.005	85	326231	11.1	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
50 1,2-Dichlorobenzene	146	6.249	6.254	-0.005	78	429268	8.95	
51 2-Methylphenol	108	6.286	6.286	0.0	94	441198	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.318	6.324	-0.006	94	575165	9.33	
21 3 & 4 Methylphenol	108	6.415	6.414	0.0	90	480710	10.5	
57 N-Nitrosodi-n-propylamine	70	6.431	6.430	0.001	73	523143	11.5	
58 Acetophenone	105	6.441	6.441	0.0	77	735262	10.7	
61 Hexachloroethane	117	6.548	6.553	-0.005	92	202375	9.23	
62 Nitrobenzene	77	6.596	6.596	0.0	77	738998	8.70	
64 Isophorone	82	6.794	6.794	0.0	95	1314843	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.869	6.869	0.0	85	216190	10.6	
65 2,4-Dimethylphenol	107	6.879	6.879	0.0	98	516281	9.69	
71 Benzoic acid	122	6.933	6.933	0.0	83	508520	19.7	
70 Bis(2-chloroethoxy)methane	93	6.965	6.965	0.0	98	692008	8.50	
73 2,4-Dichlorophenol	162	7.066	7.066	0.0	91	332130	10.7	
74 1,2,4-Trichlorobenzene	180	7.152	7.152	0.0	83	380805	8.57	
75 Naphthalene	128	7.227	7.226	0.001	98	1231331	10.3	
76 4-Chloroaniline	127	7.253	7.253	0.0	80	494005	10.2	
79 Hexachlorobutadiene	225	7.317	7.317	0.0	87	215631	8.87	
84 Caprolactam	113	7.536	7.536	0.0	78	149402	12.3	
86 4-Chloro-3-methylphenol	107	7.638	7.643	-0.005	81	484461	10.5	
87 2-Methylnaphthalene	142	7.814	7.814	0.0	86	805204	10.0	
89 Hexachlorocyclopentadiene	237	7.942	7.942	0.0	80	241165	8.94	
92 2,4,6-Trichlorophenol	196	8.039	8.038	0.001	88	252190	10.8	
93 2,4,5-Trichlorophenol	196	8.071	8.071	0.001	87	258629	10.4	
98 1,1'-Biphenyl	154	8.204	8.204	0.0	96	1016795	10.5	
100 2-Chloronaphthalene	162	8.231	8.231	0.0	97	768257	8.75	
102 2-Nitroaniline	65	8.300	8.300	0.0	72	360224	10.8	
105 Dimethyl phthalate	163	8.439	8.439	0.0	94	900581	10.6	
107 2,6-Dinitrotoluene	165	8.498	8.498	0.0	80	200285	8.90	
109 Acenaphthylene	152	8.589	8.589	0.0	87	1287217	10.4	
110 3-Nitroaniline	138	8.642	8.647	-0.005	87	187548	9.43	
112 Acenaphthene	153	8.733	8.733	0.0	89	792312	9.94	
111 2,4-Dinitrophenol	184	8.728	8.733	-0.005	68	253516	18.9	
113 4-Nitrophenol	109	8.749	8.749	0.0	84	164039	10.4	
114 2,4-Dinitrotoluene	165	8.840	8.840	0.0	76	274032	9.43	
116 Dibenzofuran	168	8.877	8.877	0.0	85	1110317	10.2	
121 Diethyl phthalate	149	9.027	9.032	-0.005	94	910166	10.7	
123 4-Chlorophenyl phenyl ether	204	9.150	9.150	0.0	93	441851	8.48	
125 4-Nitroaniline	138	9.160	9.166	-0.006	77	178987	8.08	
126 Fluorene	166	9.171	9.171	0.0	58	928258	10.2	
128 4,6-Dinitro-2-methylphenol	198	9.187	9.187	0.0	54	163584	10.1	
131 N-Nitrosodiphenylamine	169	9.246	9.246	0.0	99	670033	10.6	
133 Azobenzene	77	9.289	9.289	0.001	94	1685710	11.0	
139 4-Bromophenyl phenyl ether	248	9.572	9.572	0.0	66	234723	8.92	
141 Hexachlorobenzene	284	9.636	9.636	0.0	77	243575	9.38	
142 Atrazine	200	9.679	9.678	0.001	81	128325	6.85	
143 Pentachlorophenol	266	9.796	9.796	0.0	82	336646	20.0	
148 Phenanthrene	178	9.994	9.994	0.0	82	1305648	9.98	
149 Anthracene	178	10.036	10.036	0.0	82	1393536	11.0	
151 Carbazole	167	10.159	10.159	0.0	79	1265778	10.6	
154 Di-n-butyl phthalate	149	10.410	10.410	0.0	100	1636131	11.1	
159 Fluoranthene	202	11.019	11.019	0.0	78	1483842	10.6	
160 Benzidine	184	11.116	11.110	0.006	55	12386	0.7204	
161 Pyrene	202	11.244	11.244	0.0	72	1507854	10.5	
168 Butyl benzyl phthalate	149	11.858	11.858	0.0	87	665787	11.1	
175 3,3'-Dichlorobenzidine	252	12.542	12.542	0.0	74	368131	8.20	
173 Bis(2-ethylhexyl) phthalate	149	12.563	12.563	0.0	95	953089	11.0	
177 Benzo[a]anthracene	228	12.606	12.606	0.0	83	1383187	10.4	
178 Chrysene	228	12.659	12.659	0.0	83	1331741	10.9	
180 Di-n-octyl phthalate	149	13.514	13.514	0.0	100	1531111	11.3	
182 Benzo[b]fluoranthene	252	14.182	14.182	0.0	86	1159970	11.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.225	14.225	0.0	75	1248172	12.3	
184 Benzo[a]pyrene	252	14.700	14.700	0.0	76	1052534	11.5	
188 Indeno[1,2,3-cd]pyrene	276	16.538	16.543	-0.005	81	1209655	12.0	
189 Dibenz(a,h)anthracene	278	16.565	16.570	-0.005	57	1017162	12.0	
190 Benzo[g,h,i]perylene	276	17.035	17.035	0.0	79	1015726	12.2	

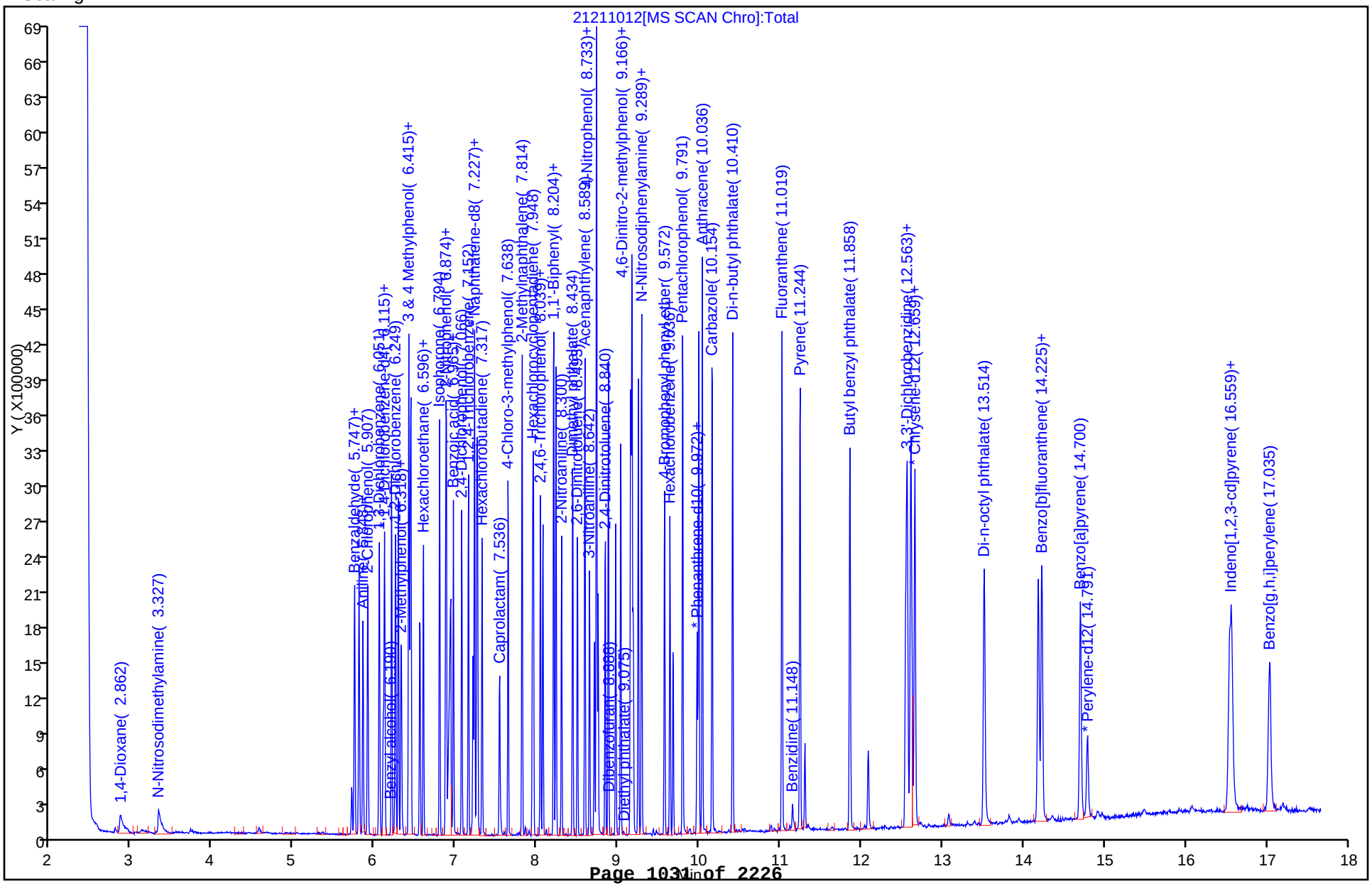
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211012.D

Injection Date:	11-Dec-2012 17:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	12
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.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-68161/12 Calibration Date: 12/11/2012 17:12

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.8207	0.0500	11.7	10.0	17.3	20.0
N-Nitrosodimethylamine	Qua		1.036	0.0500	10.8	10.0	8.1	20.0
Benzaldehyde	Ave	2.129	0.3542	0.0500	1.66	10.0	-83.4*	20.0
Phenol	Ave	2.416	2.510	0.0500	10.4	10.0	3.9	20.0
Aniline	Ave	2.926	2.721	0.0500	9.30	10.0	-7.0	20.0
Bis(2-chloroethyl)ether	Ave	2.220	1.974	0.0500	8.89	10.0	-11.1	20.0
2-Chlorophenol	Ave	1.356	1.446	0.0500	10.7	10.0	6.6	20.0
1,3-Dichlorobenzene	Ave	1.785	1.633	0.0500	9.15	10.0	-8.5	20.0
1,4-Dichlorobenzene	Ave	1.508	1.649	0.0500	10.9	10.0	9.3	20.0
Benzyl alcohol	Ave	1.046	1.157	0.0500	11.1	10.0	10.7	20.0
1,2-Dichlorobenzene	Ave	1.701	1.523	0.0500	8.95	10.0	-10.5	20.0
2-Methylphenol	Ave	1.516	1.565	0.0500	10.3	10.0	3.3	20.0
3 & 4 Methylphenol	Ave	1.624	1.705	0.0500	10.5	10.0	5.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.615	1.856	0.0500	11.5	10.0	14.9	20.0
Acetophenone	Ave	2.431	2.608	0.0500	10.7	10.0	7.3	20.0
Hexachloroethane	Ave	0.7781	0.7178	0.0500	9.23	10.0	-7.7	20.0
Nitrobenzene	Ave	0.7249	0.6307	0.0500	8.70	10.0	-13.0	20.0
Isophorone	Ave	1.056	1.122	0.0500	10.6	10.0	6.3	20.0
2-Nitrophenol	Ave	0.1739	0.1845	0.0500	10.6	10.0	6.1	20.0
2,4-Dimethylphenol	Ave	0.4549	0.4406	0.0500	9.69	10.0	-3.1	20.0
Benzoic acid	Qua		0.2170	0.0500	19.7	20.0	-1.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.6949	0.5906	0.0500	8.50	10.0	-15.0	20.0
2,4-Dichlorophenol	Ave	0.2648	0.2834	0.0500	10.7	10.0	7.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3791	0.3250	0.0500	8.57	10.0	-14.3	20.0
Naphthalene	Ave	1.020	1.051	0.0500	10.3	10.0	3.0	20.0
Hexachlorobutadiene	Ave	0.2075	0.1840	0.0500	8.87	10.0	-11.3	20.0
Caprolactam	Ave	0.1033	0.1275	0.0500	12.3	10.0	23.4*	20.0
4-Chloro-3-methylphenol	Ave	0.3920	0.4134	0.0500	10.5	10.0	5.5	20.0
2-Methylnaphthalene	Ave	0.6859	0.6872	0.0500	10.0	10.0	0.2	20.0
Hexachlorocyclopentadiene	Ave	0.3801	0.3399	0.0500	8.94	10.0	-10.6	20.0
2,4,6-Trichlorophenol	Ave	0.3296	0.3555	0.0500	10.8	10.0	7.8	20.0
2,4,5-Trichlorophenol	Ave	0.3509	0.3645	0.0500	10.4	10.0	3.9	20.0
1,1'-Biphenyl	Ave	1.370	1.433	0.0500	10.5	10.0	4.6	20.0
2-Chloronaphthalene	Ave	1.237	1.083	0.0500	8.75	10.0	-12.5	20.0
2-Nitroaniline	Ave	0.4702	0.5077	0.0500	10.8	10.0	8.0	20.0
Dimethyl phthalate	Ave	1.198	1.269	0.0500	10.6	10.0	5.9	20.0
2,6-Dinitrotoluene	Qua		0.2823	0.0500	8.90	10.0	-11.0	20.0
Acenaphthylene	Ave	1.742	1.814	0.0500	10.4	10.0	4.2	20.0
3-Nitroaniline	Ave	0.2802	0.2643	0.0500	9.43	10.0	-5.7	20.0
2,4-Dinitrophenol	Qua		0.1787	0.0500	18.9	20.0	-5.3	20.0
Acenaphthene	Ave	1.124	1.117	0.0500	9.94	10.0	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-68161/12 Calibration Date: 12/11/2012 17:12

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Ave	0.2223	0.2312	0.0500	10.4	10.0	4.0	20.0
2,4-Dinitrotoluene	Ave	0.4097	0.3862	0.0500	9.43	10.0	-5.7	20.0
Dibenzofuran	Ave	1.529	1.565	0.0500	10.2	10.0	2.3	20.0
Diethyl phthalate	Ave	1.198	1.283	0.0500	10.7	10.0	7.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.7347	0.6228	0.0500	8.48	10.0	-15.2	20.0
4-Nitroaniline	Qua		0.2523	0.0500	8.08	10.0	-19.2	20.0
Fluorene	Ave	1.287	1.308	0.0500	10.2	10.0	1.6	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1368	0.0500	10.1	10.0	1.2	20.0
N-Nitrosodiphenylamine	Ave	0.5305	0.5602	0.0500	10.6	10.0	5.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2201	0.1962	0.0500	8.92	10.0	-10.8	20.0
Hexachlorobenzene	Ave	0.2171	0.2036	0.0500	9.38	10.0	-6.2	20.0
Atrazine	Ave	0.1567	0.1073	0.0500	6.85	10.0	-31.5*	20.0
Pentachlorophenol	Qua		0.1407	0.0500	20.0	20.0	0.1	20.0
Phenanthrene	Ave	1.093	1.092	0.0500	9.98	10.0	-0.2	20.0
Anthracene	Ave	1.055	1.165	0.0500	11.0	10.0	10.4	20.0
Carbazole	Ave	0.997	1.058	0.0500	10.6	10.0	6.1	20.0
Di-n-butyl phthalate	Ave	1.234	1.368	0.0500	11.1	10.0	10.8	20.0
Fluoranthene	Ave	1.170	1.241	0.0500	10.6	10.0	6.0	20.0
Benzidine	Qua		0.0104*	0.0500	0.720	10.0	-92.8*	20.0
Pyrene	Ave	1.200	1.259	0.0500	10.5	10.0	4.9	20.0
Butyl benzyl phthalate	Ave	0.5018	0.5561	0.0500	11.1	10.0	10.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3751	0.3075	0.0500	8.20	10.0	-18.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7246	0.7960	0.0500	11.0	10.0	9.9	20.0
Benzo[a]anthracene	Ave	1.108	1.155	0.0500	10.4	10.0	4.3	20.0
Chrysene	Ave	1.022	1.112	0.0500	10.9	10.0	8.9	20.0
Di-n-octyl phthalate	Qua		1.862	0.0500	11.3	10.0	13.4	20.0
Benzo[b]fluoranthene	Ave	1.241	1.411	0.0500	11.4	10.0	13.7	20.0
Benzo[k]fluoranthene	Ave	1.231	1.518	0.0500	12.3	10.0	23.4*	20.0
Benzo[a]pyrene	Ave	1.113	1.280	0.0500	11.5	10.0	15.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.227	1.471	0.0500	12.0	10.0	20.0	20.0
Dibenz(a,h)anthracene	Ave	1.035	1.237	0.0500	12.0	10.0	19.5	20.0
Benzo[g,h,i]perylene	Ave	1.017	1.235	0.0500	12.2	10.0	21.5*	20.0

Report Date: 12-Dec-2012 07:43:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211012.D
Lims ID: icv ind Client ID:
Inject. Date: 11-Dec-2012 17:12:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015722-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 68161 Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 07:43:08 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 07:40:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.099	0.0	94	112770	4.00	
* 2 Naphthalene-d8	136	7.205	7.205	0.0	98	468717	4.00	
* 3 Acenaphthene-d10	164	8.706	8.706	0.0	78	283801	4.00	
* 4 Phenanthrene-d10	188	9.972	9.972	0.0	78	478455	4.00	
* 5 Chrysene-d12	240	12.622	12.622	0.0	78	478914	4.00	
* 6 Perylene-d12	264	14.791	14.791	0.0	93	328863	4.00	
25 1,4-Dioxane	88	2.862	2.862	0.0	86	231370	11.7	
26 N-Nitrosodimethylamine	74	3.327	3.332	-0.005	85	292208	10.8	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.709	5.715	-0.006	83	99850	1.66	
43 Phenol	94	5.747	5.747	0.0	96	707666	10.4	
44 Aniline	93	5.800	5.800	0.0	95	767221	9.30	
69 Bis(2-chloroethyl)ether	93	5.848	5.848	0.0	93	556577	8.89	
46 2-Chlorophenol	128	5.907	5.907	0.0	89	407619	10.7	
47 1,3-Dichlorobenzene	146	6.051	6.051	0.0	81	460429	9.15	
48 1,4-Dichlorobenzene	146	6.115	6.115	0.0	81	465007	10.9	
49 Benzyl alcohol	108	6.201	6.206	-0.005	85	326231	11.1	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
50 1,2-Dichlorobenzene	146	6.249	6.254	-0.005	78	429268	8.95	
51 2-Methylphenol	108	6.286	6.286	0.0	94	441198	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.318	6.324	-0.006	94	575165	9.33	
21 3 & 4 Methylphenol	108	6.415	6.414	0.0	90	480710	10.5	
57 N-Nitrosodi-n-propylamine	70	6.431	6.430	0.001	73	523143	11.5	
58 Acetophenone	105	6.441	6.441	0.0	77	735262	10.7	
61 Hexachloroethane	117	6.548	6.553	-0.005	92	202375	9.23	
62 Nitrobenzene	77	6.596	6.596	0.0	77	738998	8.70	
64 Isophorone	82	6.794	6.794	0.0	95	1314843	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.869	6.869	0.0	85	216190	10.6	
65 2,4-Dimethylphenol	107	6.879	6.879	0.0	98	516281	9.69	
71 Benzoic acid	122	6.933	6.933	0.0	83	508520	19.7	
70 Bis(2-chloroethoxy)methane	93	6.965	6.965	0.0	98	692008	8.50	
73 2,4-Dichlorophenol	162	7.066	7.066	0.0	91	332130	10.7	
74 1,2,4-Trichlorobenzene	180	7.152	7.152	0.0	83	380805	8.57	
75 Naphthalene	128	7.227	7.226	0.001	98	1231331	10.3	
76 4-Chloroaniline	127	7.253	7.253	0.0	80	494005	10.2	
79 Hexachlorobutadiene	225	7.317	7.317	0.0	87	215631	8.87	
84 Caprolactam	113	7.536	7.536	0.0	78	149402	12.3	
86 4-Chloro-3-methylphenol	107	7.638	7.643	-0.005	81	484461	10.5	
87 2-Methylnaphthalene	142	7.814	7.814	0.0	86	805204	10.0	
89 Hexachlorocyclopentadiene	237	7.942	7.942	0.0	80	241165	8.94	
92 2,4,6-Trichlorophenol	196	8.039	8.038	0.001	88	252190	10.8	
93 2,4,5-Trichlorophenol	196	8.071	8.071	0.001	87	258629	10.4	
98 1,1'-Biphenyl	154	8.204	8.204	0.0	96	1016795	10.5	
100 2-Chloronaphthalene	162	8.231	8.231	0.0	97	768257	8.75	
102 2-Nitroaniline	65	8.300	8.300	0.0	72	360224	10.8	
105 Dimethyl phthalate	163	8.439	8.439	0.0	94	900581	10.6	
107 2,6-Dinitrotoluene	165	8.498	8.498	0.0	80	200285	8.90	
109 Acenaphthylene	152	8.589	8.589	0.0	87	1287217	10.4	
110 3-Nitroaniline	138	8.642	8.647	-0.005	87	187548	9.43	
112 Acenaphthene	153	8.733	8.733	0.0	89	792312	9.94	
111 2,4-Dinitrophenol	184	8.728	8.733	-0.005	68	253516	18.9	
113 4-Nitrophenol	109	8.749	8.749	0.0	84	164039	10.4	
114 2,4-Dinitrotoluene	165	8.840	8.840	0.0	76	274032	9.43	
116 Dibenzofuran	168	8.877	8.877	0.0	85	1110317	10.2	
121 Diethyl phthalate	149	9.027	9.032	-0.005	94	910166	10.7	
123 4-Chlorophenyl phenyl ether	204	9.150	9.150	0.0	93	441851	8.48	
125 4-Nitroaniline	138	9.160	9.166	-0.006	77	178987	8.08	
126 Fluorene	166	9.171	9.171	0.0	58	928258	10.2	
128 4,6-Dinitro-2-methylphenol	198	9.187	9.187	0.0	54	163584	10.1	
131 N-Nitrosodiphenylamine	169	9.246	9.246	0.0	99	670033	10.6	
133 Azobenzene	77	9.289	9.289	0.001	94	1685710	11.0	
139 4-Bromophenyl phenyl ether	248	9.572	9.572	0.0	66	234723	8.92	
141 Hexachlorobenzene	284	9.636	9.636	0.0	77	243575	9.38	
142 Atrazine	200	9.679	9.678	0.001	81	128325	6.85	
143 Pentachlorophenol	266	9.796	9.796	0.0	82	336646	20.0	
148 Phenanthrene	178	9.994	9.994	0.0	82	1305648	9.98	
149 Anthracene	178	10.036	10.036	0.0	82	1393536	11.0	
151 Carbazole	167	10.159	10.159	0.0	79	1265778	10.6	
154 Di-n-butyl phthalate	149	10.410	10.410	0.0	100	1636131	11.1	
159 Fluoranthene	202	11.019	11.019	0.0	78	1483842	10.6	
160 Benzidine	184	11.116	11.110	0.006	55	12386	0.7204	
161 Pyrene	202	11.244	11.244	0.0	72	1507854	10.5	
168 Butyl benzyl phthalate	149	11.858	11.858	0.0	87	665787	11.1	
175 3,3'-Dichlorobenzidine	252	12.542	12.542	0.0	74	368131	8.20	
173 Bis(2-ethylhexyl) phthalate	149	12.563	12.563	0.0	95	953089	11.0	
177 Benzo[a]anthracene	228	12.606	12.606	0.0	83	1383187	10.4	
178 Chrysene	228	12.659	12.659	0.0	83	1331741	10.9	
180 Di-n-octyl phthalate	149	13.514	13.514	0.0	100	1531111	11.3	
182 Benzo[b]fluoranthene	252	14.182	14.182	0.0	86	1159970	11.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.225	14.225	0.0	75	1248172	12.3	
184 Benzo[a]pyrene	252	14.700	14.700	0.0	76	1052534	11.5	
188 Indeno[1,2,3-cd]pyrene	276	16.538	16.543	-0.005	81	1209655	12.0	
189 Dibenz(a,h)anthracene	278	16.565	16.570	-0.005	57	1017162	12.0	
190 Benzo[g,h,i]perylene	276	17.035	17.035	0.0	79	1015726	12.2	

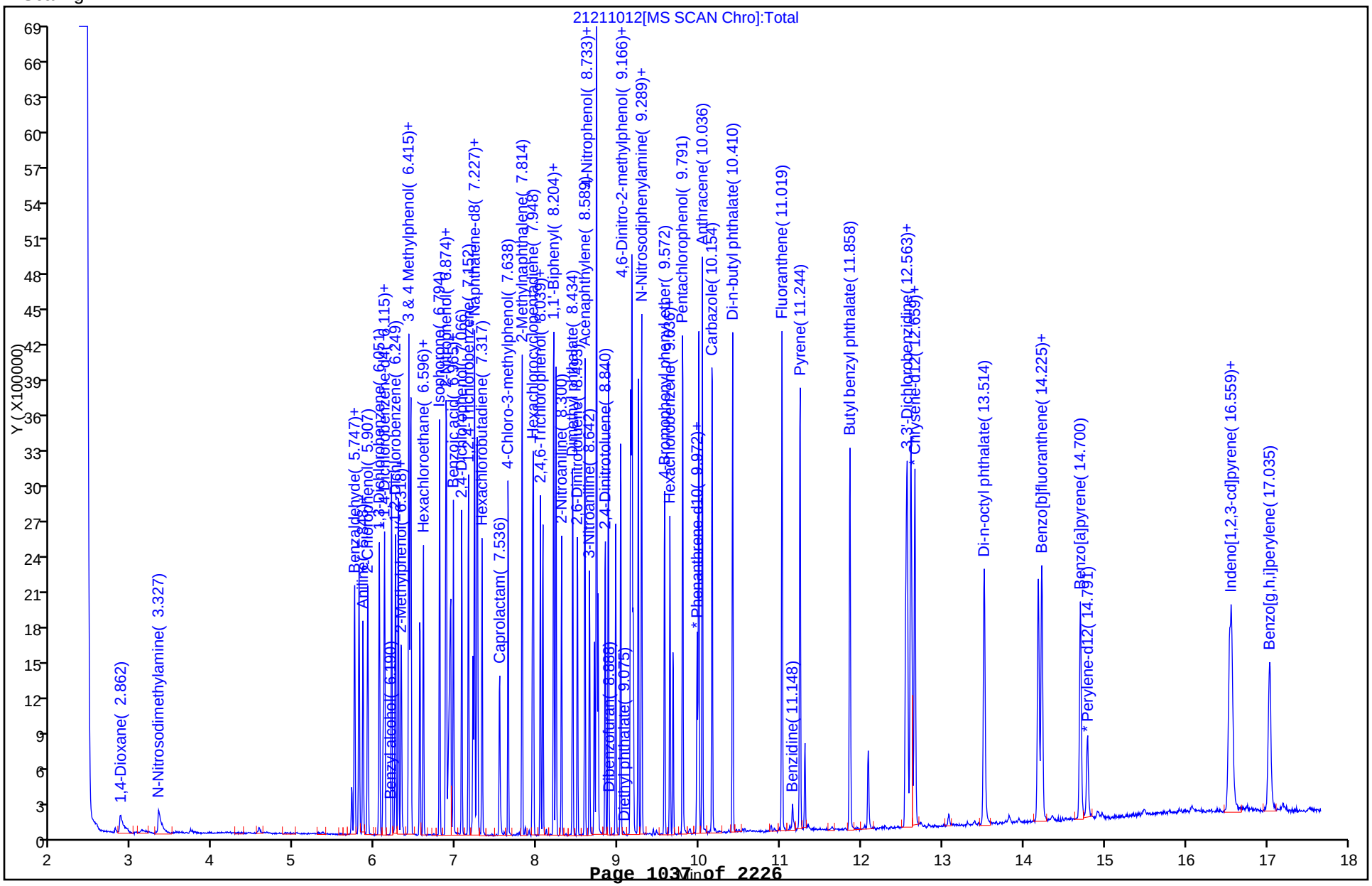
Report Date: 12-Dec-2012 07:43:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211012.D

Injection Date:	11-Dec-2012 17:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	12
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.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/11/2012 22:35

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.020			0.117	0.100		
2-Methylnaphthalene	Ave	0.6859			0.112	0.100		
1,1'-Biphenyl	Ave	1.370			0.113	0.100		
2-Chloronaphthalene	Ave	1.237			0.139	0.100		
Acenaphthylene	Ave	1.742			0.114	0.100		
Acenaphthene	Ave	1.124			0.133	0.100		
Fluorene	Ave	1.287			0.127	0.100		
Phenanthrene	Ave	1.093			0.143	0.100		
Anthracene	Ave	1.055			0.132	0.100		
Fluoranthene	Ave	1.170			0.156	0.100		
Pyrene	Ave	1.200			0.149	0.100		
Benzo[a]anthracene	Ave	1.108			0.133	0.100		
Chrysene	Ave	1.022			0.127	0.100		
Benzo[b]fluoranthene	Ave	1.241			0.120	0.100		
Benzo[k]fluoranthene	Ave	1.231			0.140	0.100		
Benzo[a]pyrene	Ave	1.113			0.130	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.112	0.100		
Dibenz(a,h)anthracene	Ave	1.035			0.120	0.100		
Benzo[g,h,i]perylene	Ave	1.017			0.141	0.100		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.701			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.785			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.508			0.000800	0.100		
1,4-Dioxane	Qua				0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2648			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4549			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
2-Chlorophenol	Ave	1.356			0.000800	0.100		
2-Methylphenol	Ave	1.516			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/11/2012 22:35

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.4702			0.000800	0.100		
2-Nitrophenol	Ave	0.1739			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.624			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	0.100		
3-Nitroaniline	Ave	0.2802			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Ave	0.2223			0.00240	0.100		
Acetophenone	Ave	2.431			0.000800	0.100		
Aniline	Ave	2.926			0.00240	0.100		
Atrazine	Ave	0.1567			0.000800	0.100		
Benzaldehyde	Ave	2.129			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.046			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5018			0.000800	0.100		
Caprolactam	Ave	0.1033			0.000800	0.100		
Carbazole	Ave	0.997			0.000800	0.100		
Dibenzofuran	Ave	1.529			0.000100	0.100		
Diethyl phthalate	Ave	1.198			0.000800	0.100		
Dimethyl phthalate	Ave	1.198			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.234			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobenzene	Ave	0.2171			0.000100	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/11/2012 22:35

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.2075			0.000800	0.100		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.100		
Hexachloroethane	Ave	0.7781			0.000800	0.100		
Isophorone	Ave	1.056			0.000800	0.100		
Nitrobenzene	Ave	0.7249			0.000100	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.416			0.000800	0.100		
Pyridine	Ave	1.899			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.111	0.100	111*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.541			0.101	0.100	101	45-105
Terphenyl-d14 (Surr)	Ave	0.8035			0.142	0.100	142*	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.462			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.119			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211025.D
Lims ID: mdll1 Client ID:
Inject. Date: 11-Dec-2012 22:35:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015722-025
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 68161 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 09:35:35 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.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: 12-Dec-2012 08:43:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.096	6.099	-0.003	95	146416	4.00	
* 2 Naphthalene-d8	136	7.202	7.205	-0.003	99	589518	4.00	
* 3 Acenaphthene-d10	164	8.703	8.706	-0.003	66	369764	4.00	
* 4 Phenanthrene-d10	188	9.964	9.972	-0.008	78	589586	4.00	
* 5 Chrysene-d12	240	12.614	12.622	-0.008	76	604826	4.00	
* 6 Perylene-d12	264	14.777	14.791	-0.014	77	472030	4.00	
$ 7 2-Fluorophenol	112		4.881					9
$ 8 Phenol-d5	99		5.736					
$ 9 Nitrobenzene-d5	82	6.572	6.580	-0.008	70	11081	0.1108	
$ 10 2-Fluorobiphenyl (Surr)	172	8.105	8.113	-0.008	55	14442	0.1014	
$ 11 2,4,6-Tribromophenol	330		9.369					9
$ 12 Terphenyl-d14	244	11.348	11.356	-0.008	63	17305	0.1424	
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.862					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
26 N-Nitrosodimethylamine	74		3.332					9
40 4-Methylcyclohexanone	55		3.356					
27 Pyridine	79		3.385					9
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
28 Ethyl methacrylate	69		3.930					9
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
29 3-Chloropropionitrile	54		4.272					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.673					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
104 1,4-Dinitrobenzene	168		5.712					
41 Benzaldehyde	77		5.715					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94		5.747					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93		5.800					
69 Bis(2-chloroethyl)ether	93		5.848					
46 2-Chlorophenol	128		5.907					
47 1,3-Dichlorobenzene	146		6.051					
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146		6.115					
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
49 Benzyl alcohol	108		6.206					
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146		6.254					9
51 2-Methylphenol	108		6.286					
122 Thionazin	97		6.305					
53 2,2'-oxybis[1-chloropropane]	45		6.324					
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108		6.414					
130 Diphenylamine	169		6.428					
57 N-Nitrosodi-n-propylamine	70		6.430					9
58 Acetophenone	105		6.441					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117		6.553					9
62 Nitrobenzene	77		6.596					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
140 Dimethoate	87		6.764					
64 Isophorone	82		6.794					
66 2-Nitrophenol	139		6.869					
67 1,3,5-Trichlorobenzene	180		6.879					
65 2,4-Dimethylphenol	107		6.879					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
71 Benzoic acid	122		6.933					9
70 Bis(2-chloroethoxy)methane	93		6.965					
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162		7.066					
74 1,2,4-Trichlorobenzene	180		7.152					
75 Naphthalene	128	7.224	7.226	-0.002	69	17546	0.1167	
76 4-Chloroaniline	127		7.253					
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225		7.317					9
80 1,2,3-Trichlorobenzene	180		7.344					
84 Caprolactam	113		7.536					9
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
86 4-Chloro-3-methylphenol	107		7.643					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.811	7.814	-0.003	64	11300	0.1118	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.897	7.900	-0.003	66	13027	0.1404	
89 Hexachlorocyclopentadiene	237		7.942					
90 1,2,3,5-Tetrachlorobenzene	216		7.942					9
92 2,4,6-Trichlorophenol	196		8.038					9
93 2,4,5-Trichlorophenol	196		8.071					
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121		8.183					
229 Aramite Peak 2	185		8.185					
99 1,2,3,4 -Tetrachlorobenzene	216		8.199					9
98 1,1'-Biphenyl	154	8.196	8.204	-0.008	64	14276	0.1127	
100 2-Chloronaphthalene	162	8.228	8.231	-0.003	80	15869	0.1387	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
164 Chlorobenzilate	139		8.297					9
102 2-Nitroaniline	65		8.300					9
105 Dimethyl phthalate	163		8.439					
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165		8.498					9
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168		8.546					9
109 Acenaphthylene	152	8.580	8.589	-0.009	73	18308	0.1137	
110 3-Nitroaniline	138		8.647					
171 2-Acetylaminofluorene	181		8.713					
112 Acenaphthene	153	8.730	8.733	-0.003	73	13794	0.1328	
111 2,4-Dinitrophenol	184		8.733					
113 4-Nitrophenol	109		8.749					9
114 2,4-Dinitrotoluene	165		8.840					9
116 Dibenzofuran	168		8.877					
118 2,3,5,6-Tetrachlorophenol	232		8.931					9
121 Diethyl phthalate	149		9.032					
123 4-Chlorophenyl phenyl ether	204		9.150					
125 4-Nitroaniline	138		9.166					
126 Fluorene	166	9.163	9.171	-0.008	63	15070	0.1266	
128 4,6-Dinitro-2-methylphenol	198		9.187					
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169		9.246					
132 1,2-Diphenylhydrazine	77		9.289					
133 Azobenzene	77		9.289					
139 4-Bromophenyl phenyl ether	248		9.572					9
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.636					9
142 Atrazine	200		9.678					9
143 Pentachlorophenol	266		9.796					9
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.985	9.994	-0.009	65	23105	0.1434	
149 Anthracene	178	10.028	10.036	-0.008	59	20513	0.1319	
150 DFTPP								
151 Carbazole	167		10.159					
154 Di-n-butyl phthalate	149		10.410					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	11.011	11.019	-0.008	83	26906	0.1560	
160 Benzidine	184		11.110					9
161 Pyrene	202	11.235	11.244	-0.009	86	27108	0.1494	
166 4,4'-DDE	246		11.303					
165 4,4'-DDD	235		11.698					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149		11.858					
170 4,4'-DDT	235		11.997					
172 3,3'-Dimethoxybenzidine	244		12.494					9
175 3,3'-Dichlorobenzidine	252		12.542					9
174 4,4'-Methylene bis(2-chloroanili	231		12.542					9
173 Bis(2-ethylhexyl) phthalate	149		12.563					
177 Benzo[a]anthracene	228	12.598	12.606	-0.008	45	22198	0.1325	
178 Chrysene	228	12.651	12.659	-0.008	24	19603	0.1269	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.514					
182 Benzo[b]fluoranthene	252	14.174	14.182	-0.008	53	17624	0.1203	
183 Benzo[k]fluoranthene	252	14.211	14.225	-0.014	49	20278	0.1396	M
184 Benzo[a]pyrene	252	14.686	14.700	-0.014	40	17114	0.1302	
188 Indeno[1,2,3-cd]pyrene	276	16.519	16.543	-0.024	63	16267	0.1124	M
189 Dibenz(a,h)anthracene	278	16.551	16.570	-0.019	0	14623	0.1197	M
190 Benzo[g,h,i]perylene	276	17.005	17.035	-0.030	57	16900	0.1409	M
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					1
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					
T 197 Hexachlorophene TIC	198		9.269					1
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
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

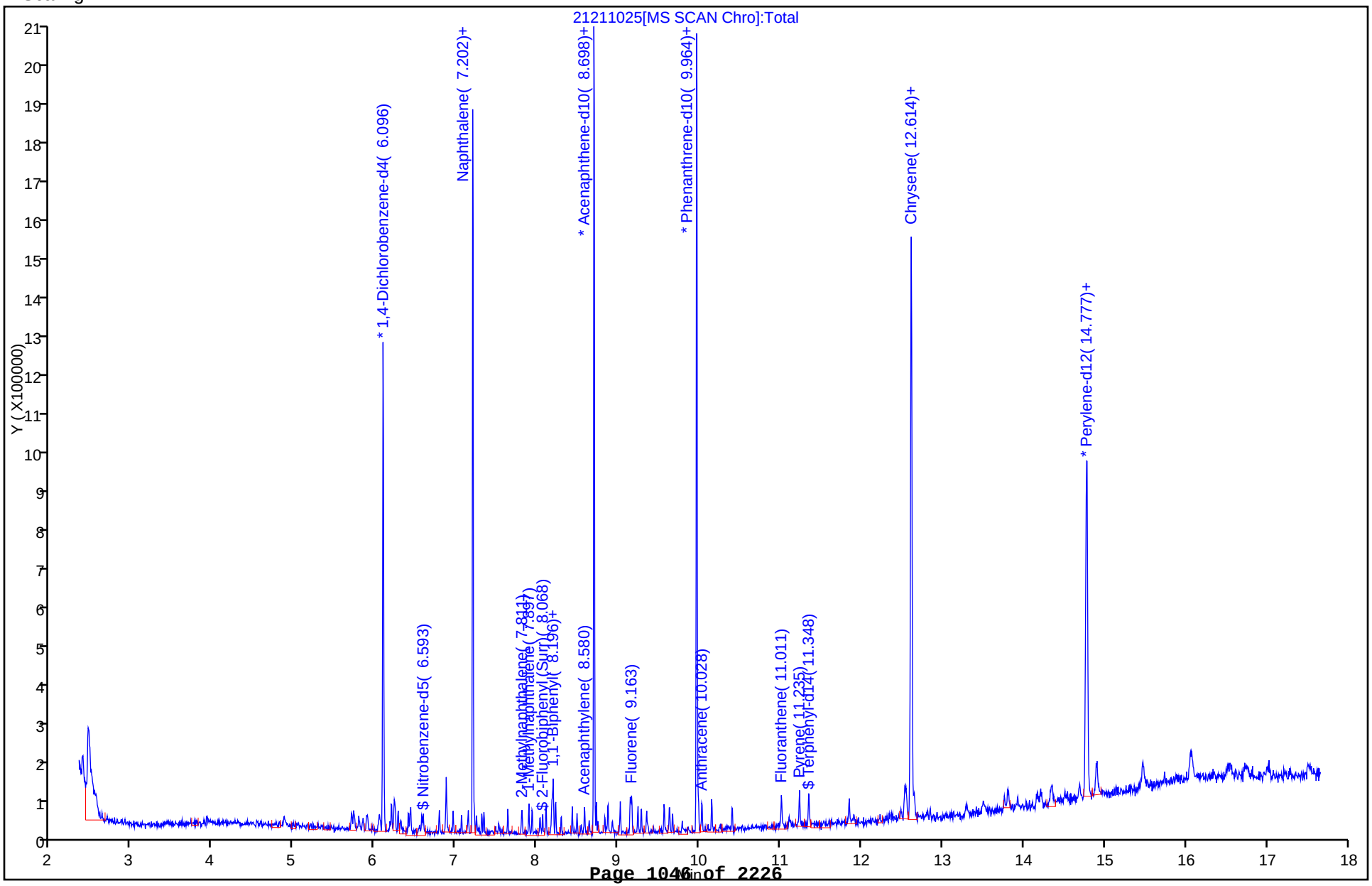
Report Date: 12-Dec-2012 09:35:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211025.D

Injection Date:	11-Dec-2012 22:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	25
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

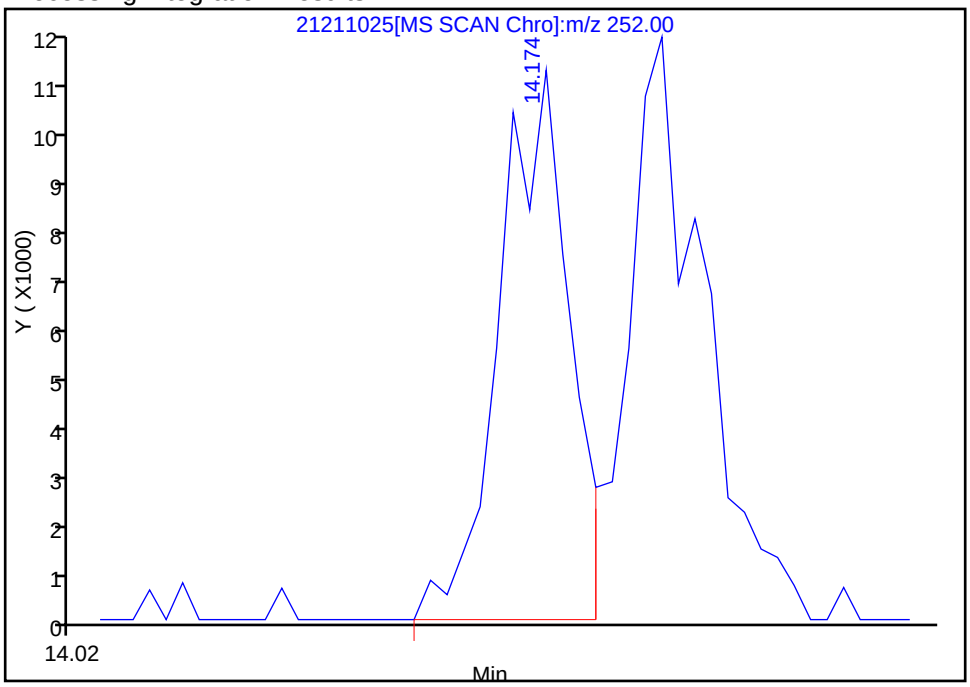
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211025.D		
Injection Date:	11-Dec-2012 22:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	25
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.22

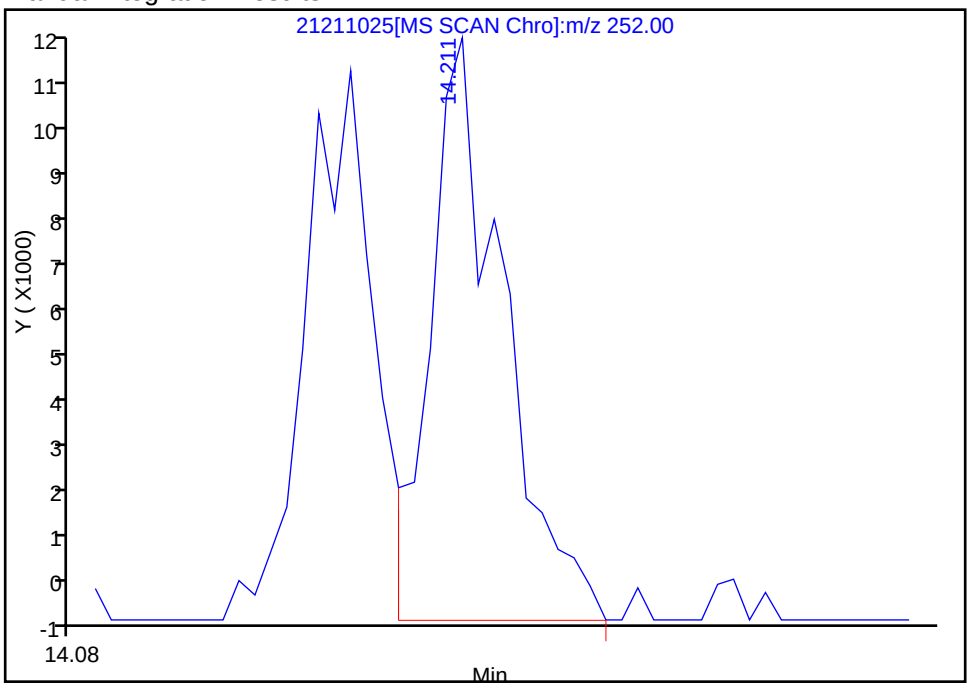
Processing Integration Results

RT: 14.17
Response: 17624
Amount: 0.121345



Manual Integration Results

RT: 14.21
Response: 20278
Amount: 0.139619



Reviewer: ulmanm, 12-Dec-2012 08:43:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

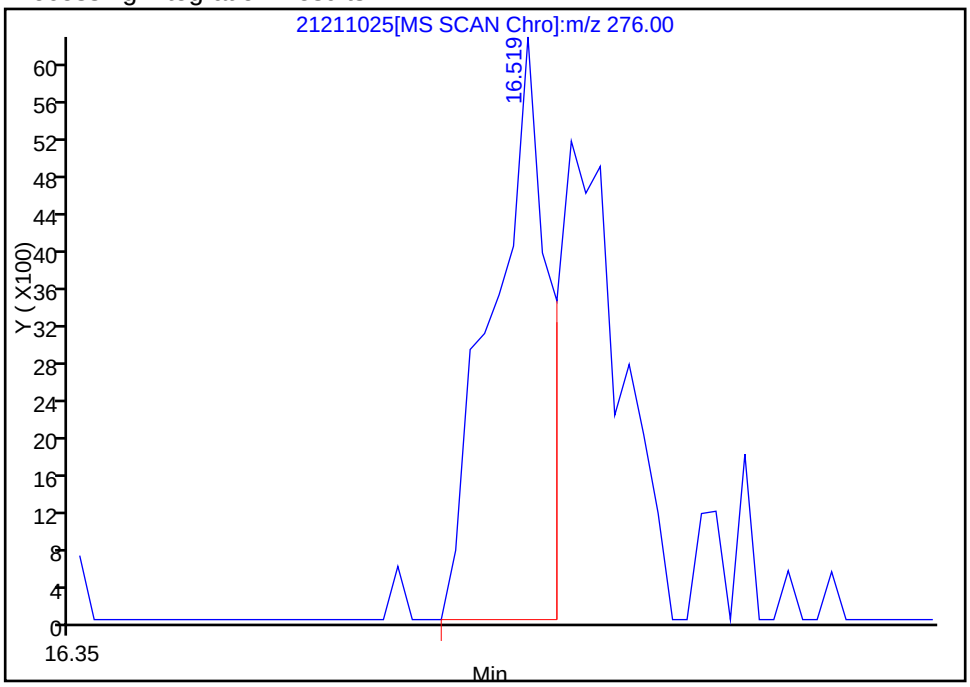
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211025.D		
Injection Date:	11-Dec-2012 22:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	25
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.54

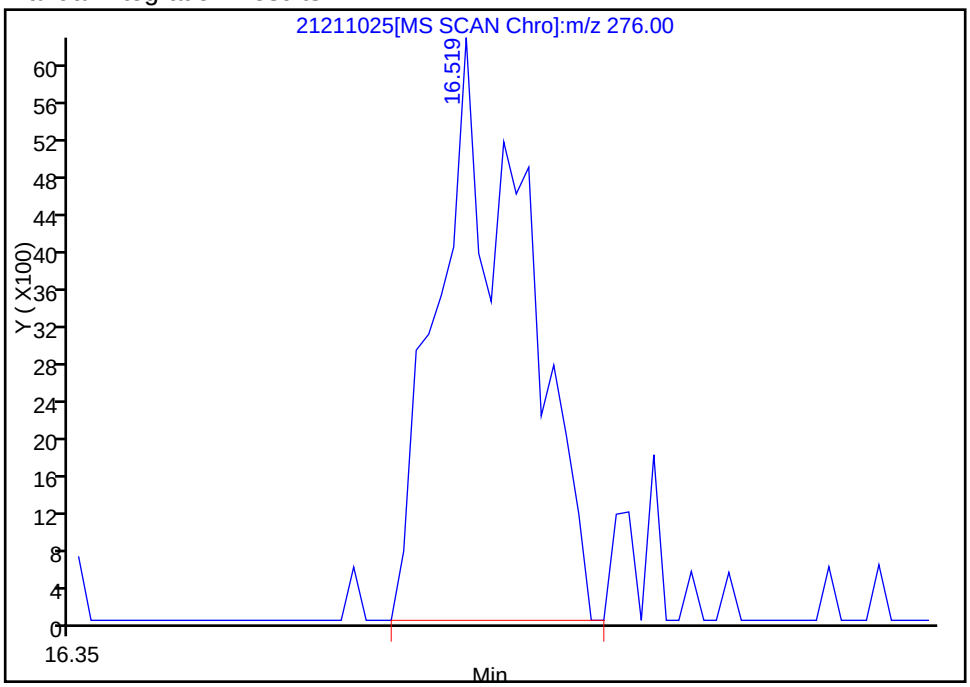
Processing Integration Results

RT: 16.52
Response: 8968
Amount: 0.061956



Manual Integration Results

RT: 16.52
Response: 16267
Amount: 0.112382



Reviewer: ulmanm, 12-Dec-2012 08:43:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

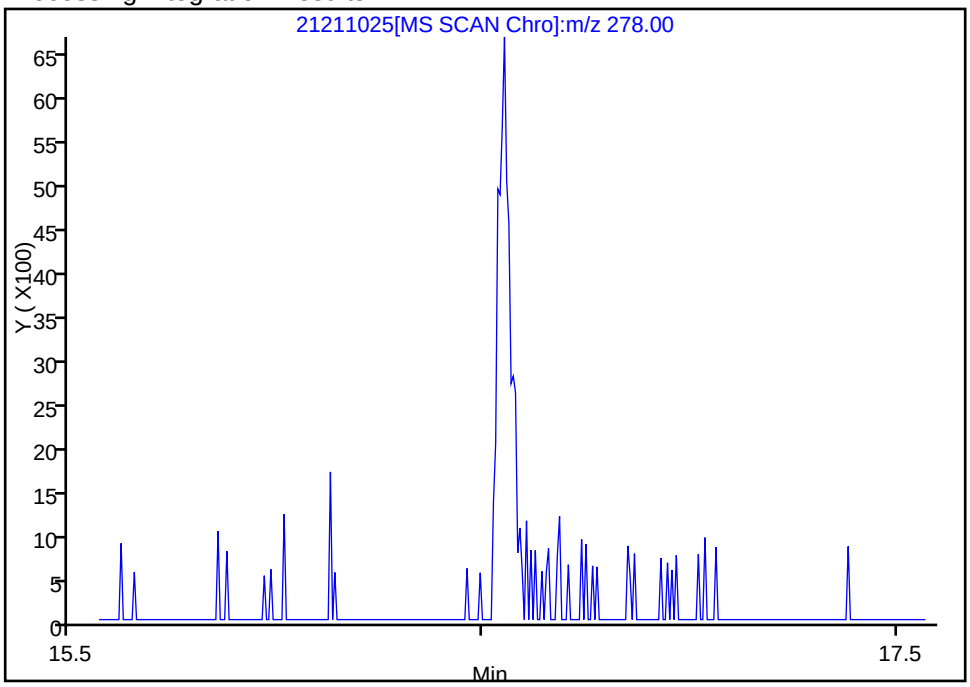
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211025.D		
Injection Date:	11-Dec-2012 22:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	25
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: 16.57

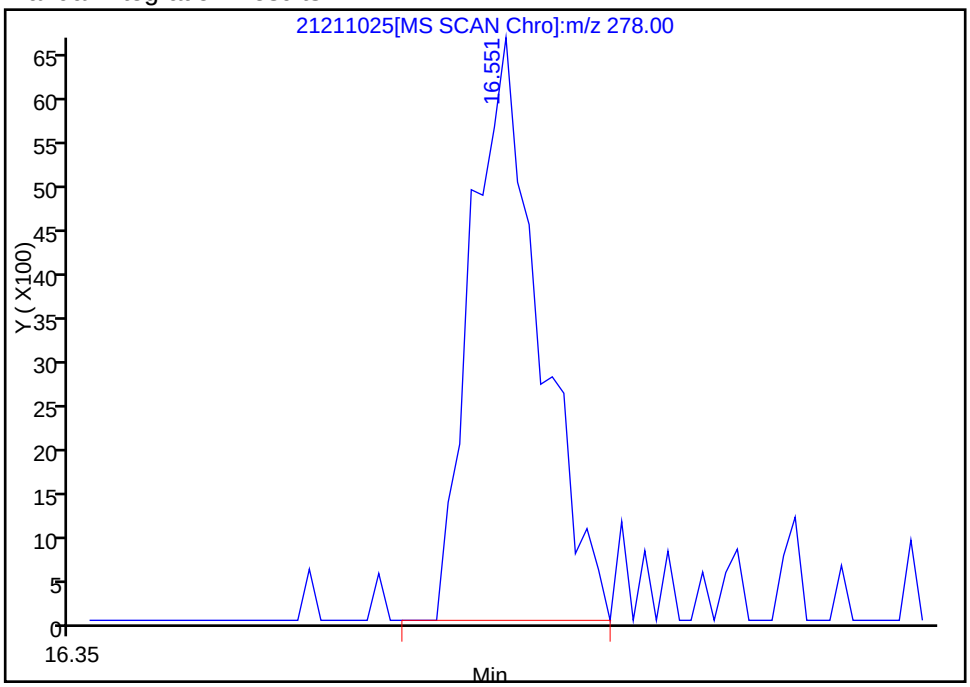
Processing Integration Results

Not Detected
Expected RT: 16.57



Manual Integration Results

RT: 16.55
Response: 14623
Amount: 0.119728



Reviewer: ulmanm, 12-Dec-2012 08:43:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

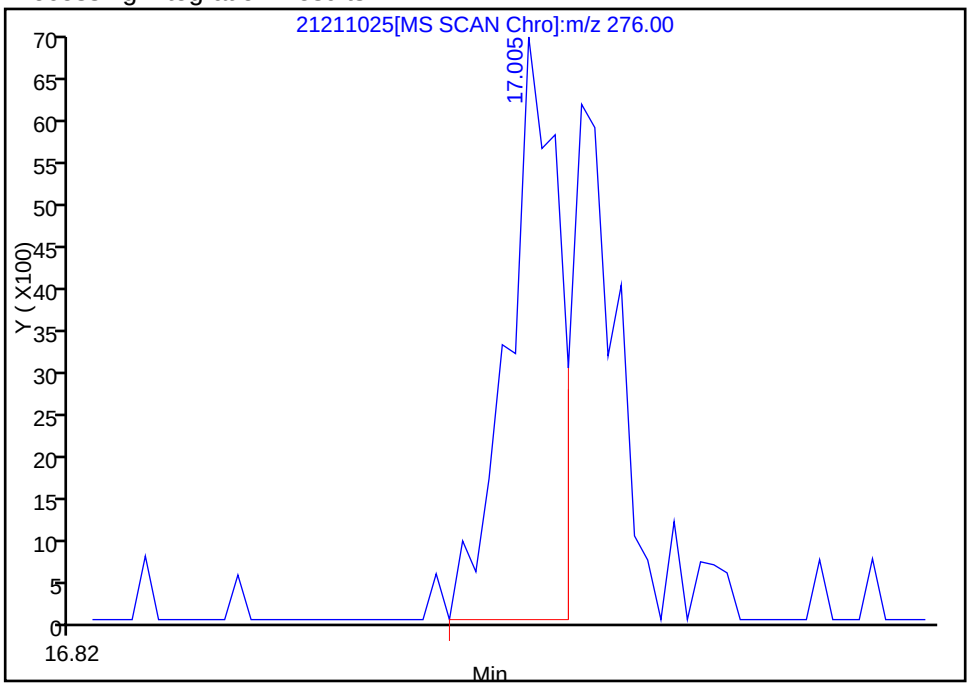
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211025.D		
Injection Date:	11-Dec-2012 22:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	25
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: 17.03

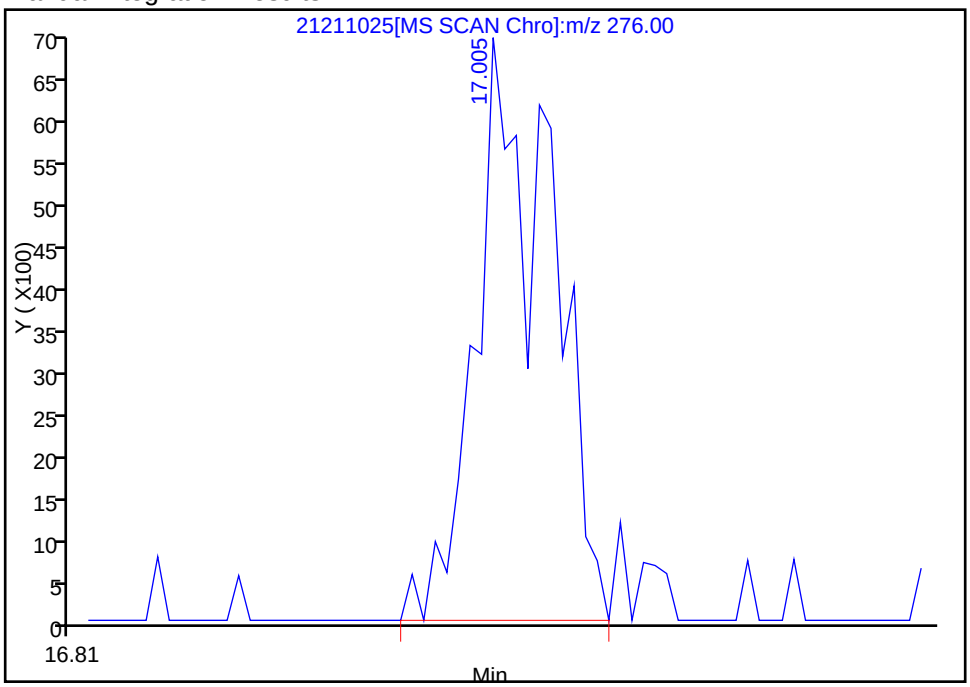
Processing Integration Results

RT: 17.00
Response: 9996
Amount: 0.083330



Manual Integration Results

RT: 17.00
Response: 16900
Amount: 0.140885



Reviewer: ulmanm, 12-Dec-2012 08:43:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/11/2012 22:59

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua				0.355	0.500		
N-Nitrosodimethylamine	Qua				0.861	0.500		
Pyridine	Ave	1.899			0.554	0.500		
Benzaldehyde	Ave	2.129			0.530	0.500		
Phenol	Ave	2.416			0.507	0.500		
Aniline	Ave	2.926			0.485	0.500		
Bis(2-chloroethyl)ether	Ave	2.220			0.537	0.500		
2-Chlorophenol	Ave	1.356			0.515	0.500		
1,3-Dichlorobenzene	Ave	1.785			0.528	0.500		
1,4-Dichlorobenzene	Ave	1.508			0.505	0.500		
Benzyl alcohol	Ave	1.046			0.505	0.500		
1,2-Dichlorobenzene	Ave	1.701			0.502	0.500		
2-Methylphenol	Ave	1.516			0.451	0.500		
3 & 4 Methylphenol	Ave	1.624			0.494	0.500		
N-Nitrosodi-n-propylamine	Ave	1.615			0.491	0.500		
Acetophenone	Ave	2.431			0.509	0.500		
Hexachloroethane	Ave	0.7781			0.314	0.500		
Nitrobenzene	Ave	0.7249			0.490	0.500		
Isophorone	Ave	1.056			0.482	0.500		
2-Nitrophenol	Ave	0.1739			0.497	0.500		
2,4-Dimethylphenol	Ave	0.4549			0.504	0.500		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.453	0.500		
2,4-Dichlorophenol	Ave	0.2648			0.428	0.500		
1,2,4-Trichlorobenzene	Ave	0.3791			0.509	0.500		
Hexachlorobutadiene	Ave	0.2075			0.466	0.500		
Caprolactam	Ave	0.1033			0.478	0.500		
4-Chloro-3-methylphenol	Ave	0.3920			0.488	0.500		
2,4,6-Trichlorophenol	Ave	0.3296			0.446	0.500		
2,4,5-Trichlorophenol	Ave	0.3509			0.434	0.500		
2-Nitroaniline	Ave	0.4702			0.490	0.500		
Dimethyl phthalate	Ave	1.198			0.415	0.500		
2,6-Dinitrotoluene	Qua				0.717	0.500		
3-Nitroaniline	Ave	0.2802			0.361	0.500		
4-Nitrophenol	Ave	0.2223			0.383	0.500		
2,4-Dinitrotoluene	Ave	0.4097			0.418	0.500		
Dibenzofuran	Ave	1.529			0.440	0.500		
Diethyl phthalate	Ave	1.198			0.477	0.500		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.501	0.500		
4-Nitroaniline	Qua				0.529	0.500		
N-Nitrosodiphenylamine	Ave	0.5305			0.460	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/11/2012 22:59

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211026.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	1.281			0.441	0.500		
4-Bromophenyl phenyl ether	Ave	0.2201			0.425	0.500		
Atrazine	Ave	0.1567			0.547	0.500		
Pentachlorophenol	Qua				0.790	1.00		
Carbazole	Ave	0.997			0.423	0.500		
Di-n-butyl phthalate	Ave	1.234			0.432	0.500		
Benzidine	Qua				0.810	0.500		
Butyl benzyl phthalate	Ave	0.5018			0.479	0.500		
3,3'-Dichlorobenzidine	Ave	0.3751			0.458	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.514	0.500		
Di-n-octyl phthalate	Qua				0.547	0.500		
1,1'-Biphenyl	Ave	1.370			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.237			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6859			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.124			0.000100	0.500		
Acenaphthylene	Ave	1.742			0.000100	0.500		
Anthracene	Ave	1.055			0.000100	0.500		
Benzo[a]anthracene	Ave	1.108			0.000100	0.500		
Benzo[a]pyrene	Ave	1.113			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.241			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.231			0.000100	0.500		
Benzoic acid	Qua				0.0100	1.00		
Chrysene	Ave	1.022			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	0.500		
Fluoranthene	Ave	1.170			0.000100	0.500		
Fluorene	Ave	1.287			0.000100	0.500		
Hexachlorobenzene	Ave	0.2171			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/11/2012 22:59

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.020			0.000100	0.500		
Phenanthrene	Ave	1.093			0.000100	0.500		
Pyrene	Ave	1.200			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.462			0.532	0.500	106*	35-105
Phenol-d5 (Surr)	Ave	2.119			0.453	0.500	91	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.313	0.500	63	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211026.D
Lims ID: mdll2 Client ID:
Inject. Date: 11-Dec-2012 22:59:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015722-026
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 68161 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 09:35:35 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.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: 12-Dec-2012 08:47:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.101	6.099	0.002	88	149944	4.00	
* 2 Naphthalene-d8	136	7.207	7.205	0.002	99	613929	4.00	
* 3 Acenaphthene-d10	164	8.702	8.706	-0.004	78	385741	4.00	
* 4 Phenanthrene-d10	188	9.969	9.972	-0.003	79	666945	4.00	
* 5 Chrysene-d12	240	12.613	12.622	-0.009	79	648689	4.00	
* 6 Perylene-d12	264	14.776	14.791	-0.015	91	517032	4.00	
$ 7 2-Fluorophenol	112	4.877	4.881	-0.004	79	29181	0.5325	
$ 8 Phenol-d5	99	5.732	5.736	-0.004	0	35994	0.4531	
$ 9 Nitrobenzene-d5	82		6.580					
$ 10 2-Fluorobiphenyl (Surr)	172		8.113					
$ 11 2,4,6-Tribromophenol	330	9.365	9.369	-0.004	16	3658	0.3130	
$ 12 Terphenyl-d14	244		11.356					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.880	2.862	0.018	0	20099	0.3549	M
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
38 2-Methylcyclohexanone	68	3.253	3.292	-0.039	1	255	0	
39 3-Methylcyclohexanone	69	3.350	3.319	0.031	1	429	0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
26 N-Nitrosodimethylamine	74	3.360	3.332	0.028	0	14804	0.8612	M
40 4-Methylcyclohexanone	55	3.398	3.356	0.042	1	1663	0	
27 Pyridine	79	3.392	3.385	0.007	65	39463	0.5542	M
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
28 Ethyl methacrylate	69	3.927	3.930	-0.003	0	35692	0.5431	M
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
29 3-Chloropropionitrile	54	4.279	4.272	0.007	50	10619	0.3637	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.673					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					9
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					9
103 1,4-Naphthoquinone	158		5.680					
104 1,4-Dinitrobenzene	168		5.712					
41 Benzaldehyde	77	5.706	5.715	-0.009	86	42262	0.5295	
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.748	5.747	0.001	86	45944	0.5072	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.796	5.800	-0.004	92	53156	0.4847	
69 Bis(2-chloroethyl)ether	93	5.850	5.848	0.002	86	44711	0.5373	
46 2-Chlorophenol	128	5.909	5.907	0.002	82	26200	0.5155	
47 1,3-Dichlorobenzene	146	6.053	6.051	0.002	84	35352	0.5284	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.112	6.115	-0.003	70	28548	0.5049	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
49 Benzyl alcohol	108	6.202	6.206	-0.004	81	19783	0.5047	
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146	6.250	6.254	-0.004	70	32022	0.5021	
51 2-Methylphenol	108	6.282	6.286	-0.004	80	25613	0.4508	
122 Thionazin	97		6.305					
53 2,2'-oxybis[1-chloropropane]	45	6.320	6.324	-0.004	96	43419	0.5295	
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108	6.411	6.414	-0.003	72	30060	0.4937	
130 Diphenylamine	169		6.428					
57 N-Nitrosodi-n-propylamine	70	6.427	6.430	-0.003	66	29726	0.4911	
58 Acetophenone	105	6.437	6.441	-0.004	83	46406	0.5093	
134 Sulfotepp	202		6.518					9
61 Hexachloroethane	117	6.544	6.553	-0.009	62	9158	0.3140	
62 Nitrobenzene	77	6.592	6.596	-0.004	76	54543	0.4902	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
140 Dimethoate	87		6.764					
64 Isophorone	82	6.790	6.794	-0.004	91	78169	0.4825	
66 2-Nitrophenol	139	6.870	6.869	0.001	81	13253	0.4967	
67 1,3,5-Trichlorobenzene	180	6.881	6.879	0.002	84	28519	0.4803	
65 2,4-Dimethylphenol	107	6.875	6.879	-0.004	94	35185	0.5040	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
71 Benzoic acid	122		6.933					9
70 Bis(2-chloroethoxy)methane	93	6.961	6.965	-0.004	94	48332	0.4532	
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.068	7.066	0.002	81	17378	0.4276	
74 1,2,4-Trichlorobenzene	180	7.148	7.152	-0.004	81	29605	0.5088	
75 Naphthalene	128		7.226					
76 4-Chloroaniline	127	7.249	7.253	-0.004	82	31113	0.4893	
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225	7.314	7.317	-0.003	78	14837	0.4659	
80 1,2,3-Trichlorobenzene	180		7.344					
84 Caprolactam	113	7.522	7.536	-0.014	68	7588	0.4784	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
86 4-Chloro-3-methylphenol	107	7.639	7.643	-0.004	81	29331	0.4876	
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.814					
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142		7.900					
89 Hexachlorocyclopentadiene	237		7.942					
90 1,2,3,5-Tetrachlorobenzene	216	7.939	7.942	-0.003	89	29416	0.5052	
92 2,4,6-Trichlorophenol	196	8.035	8.038	-0.003	69	14182	0.4461	
93 2,4,5-Trichlorophenol	196	8.067	8.071	-0.003	75	14682	0.4339	
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121	8.179	8.183	-0.004	88	19162	0.4584	
229 Aramite Peak 2	185		8.185					
99 1,2,3,4 -Tetrachlorobenzene	216		8.199					
98 1,1'-Biphenyl	154		8.204					
100 2-Chloronaphthalene	162		8.231					
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
164 Chlorobenzilate	139		8.297					9
102 2-Nitroaniline	65	8.296	8.300	-0.004	66	22226	0.4902	
105 Dimethyl phthalate	163	8.430	8.439	-0.009	87	47946	0.4150	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.489	8.498	-0.009	68	12523	0.7167	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.542	8.546	-0.004	78	7649	0.7647	
109 Acenaphthylene	152		8.589					
110 3-Nitroaniline	138	8.638	8.647	-0.009	74	9751	0.3609	
171 2-Acetylaminofluorene	181		8.713					
112 Acenaphthene	153		8.733					
111 2,4-Dinitrophenol	184		8.733					
113 4-Nitrophenol	109	8.751	8.749	0.002	70	8206	0.3828	
114 2,4-Dinitrotoluene	165	8.836	8.840	-0.004	65	16525	0.4182	
116 Dibenzofuran	168	8.873	8.877	-0.004	84	64848	0.4397	
118 2,3,5,6-Tetrachlorophenol	232	8.927	8.931	-0.004	71	10468	0.3770	
121 Diethyl phthalate	149	9.023	9.032	-0.009	91	55170	0.4774	
123 4-Chlorophenyl phenyl ether	204	9.146	9.150	-0.004	87	35520	0.5014	
125 4-Nitroaniline	138	9.157	9.166	-0.009	56	10681	0.5289	
126 Fluorene	166		9.171					
128 4,6-Dinitro-2-methylphenol	198		9.187					9
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.242	9.246	-0.004	94	40722	0.4603	
132 1,2-Diphenylhydrazine	77	9.285	9.289	-0.003	99	94210	0.4411	
133 Azobenzene	77	9.285	9.289	-0.003	91	94210	0.4411	
139 4-Bromophenyl phenyl ether	248	9.568	9.572	-0.004	62	15603	0.4251	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.636					
142 Atrazine	200	9.669	9.678	-0.009	63	14300	0.5474	
143 Pentachlorophenol	266	9.787	9.796	-0.009	50	8630	0.7899	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.994					
149 Anthracene	178		10.036					
150 DFTPP								
151 Carbazole	167	10.150	10.159	-0.009	77	70299	0.4228	
154 Di-n-butyl phthalate	149	10.401	10.410	-0.009	95	88907	0.4321	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		11.019					
160 Benzidine	184	11.106	11.110	-0.004	75	24610	0.8102	
161 Pyrene	202		11.244					
166 4,4'-DDE	246		11.303					9
165 4,4'-DDD	235		11.698					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.849	11.858	-0.009	84	39007	0.4793	
170 4,4'-DDT	235		11.997					
172 3,3'-Dimethoxybenzidine	244		12.494					9
175 3,3'-Dichlorobenzidine	252	12.533	12.542	-0.009	45	27880	0.4583	
174 4,4'-Methylene bis(2-chloroanili	231	12.538	12.542	-0.004	69	13919	0.4251	
173 Bis(2-ethylhexyl) phthalate	149	12.554	12.563	-0.009	94	60364	0.5137	
177 Benzo[a]anthracene	228		12.606					
178 Chrysene	228		12.659					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.505	13.514	-0.009	84	73190	0.5470	
182 Benzo[b]fluoranthene	252		14.182					
183 Benzo[k]fluoranthene	252		14.225					
184 Benzo[a]pyrene	252		14.700					
188 Indeno[1,2,3-cd]pyrene	276		16.543					
189 Dibenz(a,h)anthracene	278		16.570					9
190 Benzo[g,h,i]perylene	276		17.035					
S 191 Methyl Phenols,Total	100				0		0.9446	
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					1
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

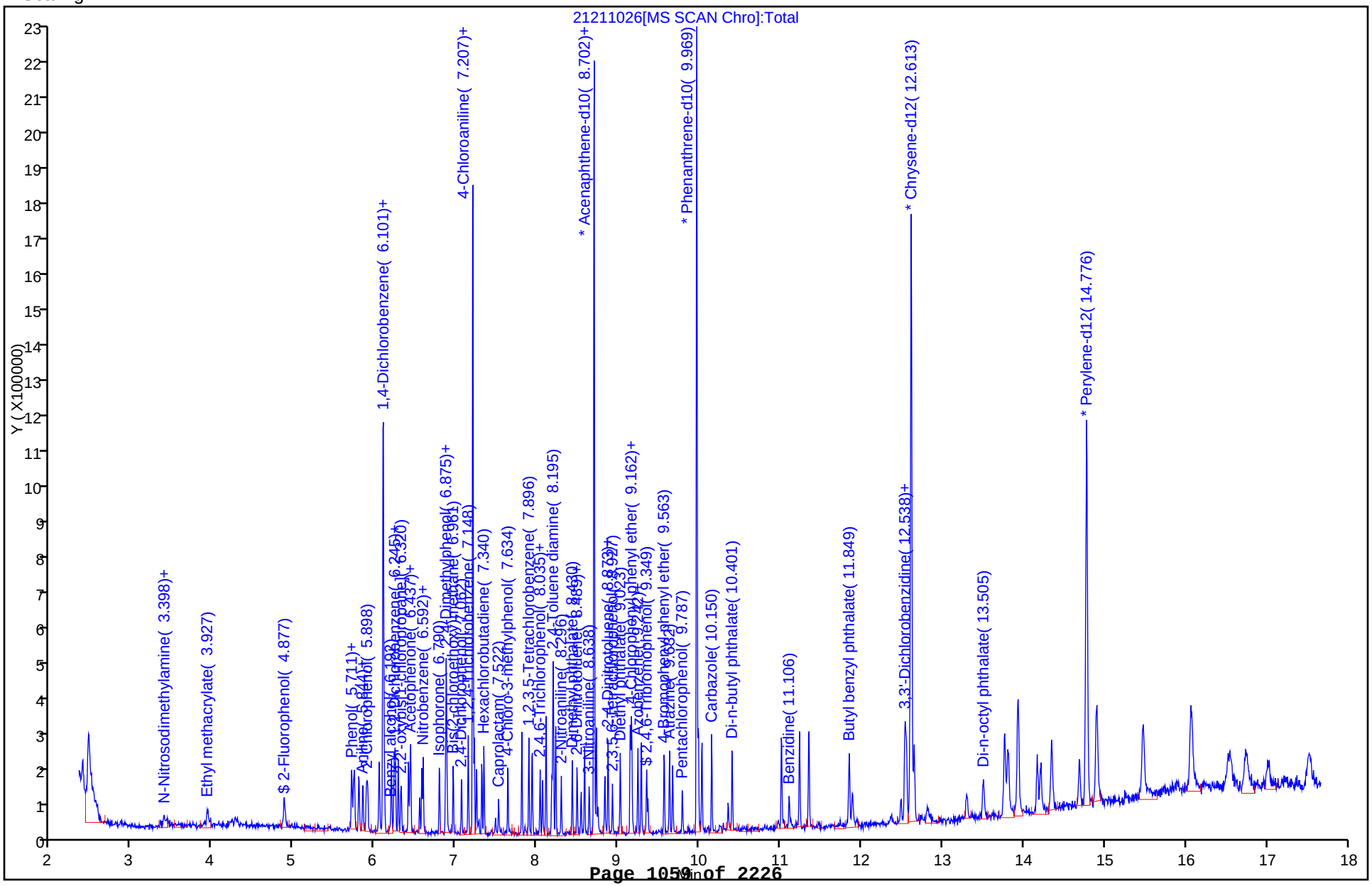
Report Date: 12-Dec-2012 09:35:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211026.D

Injection Date:	11-Dec-2012 22:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	26
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

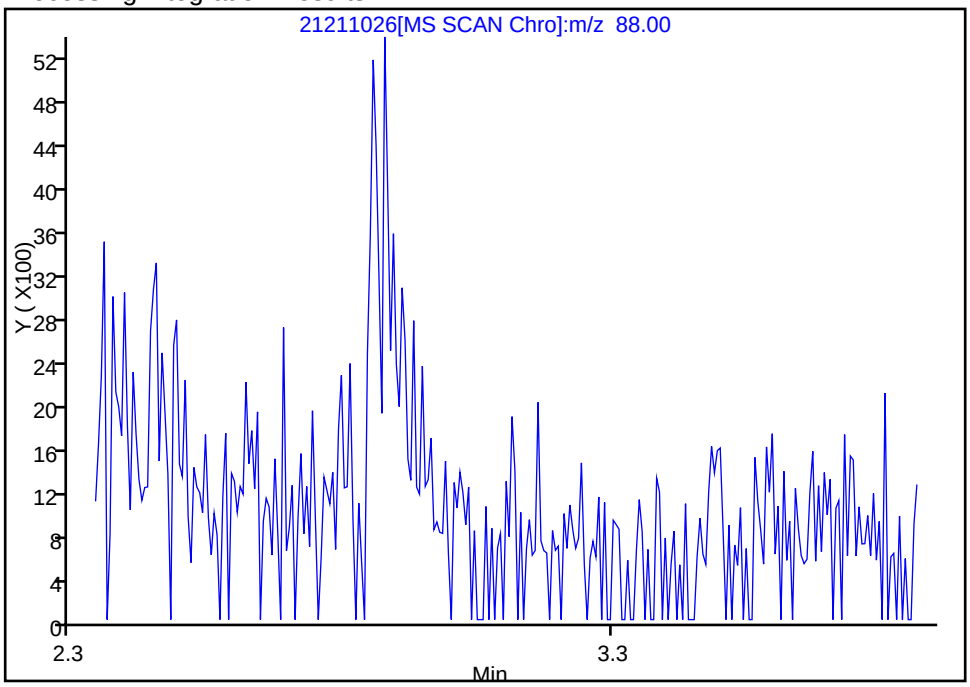
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211026.D		
Injection Date:	11-Dec-2012 22:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.86

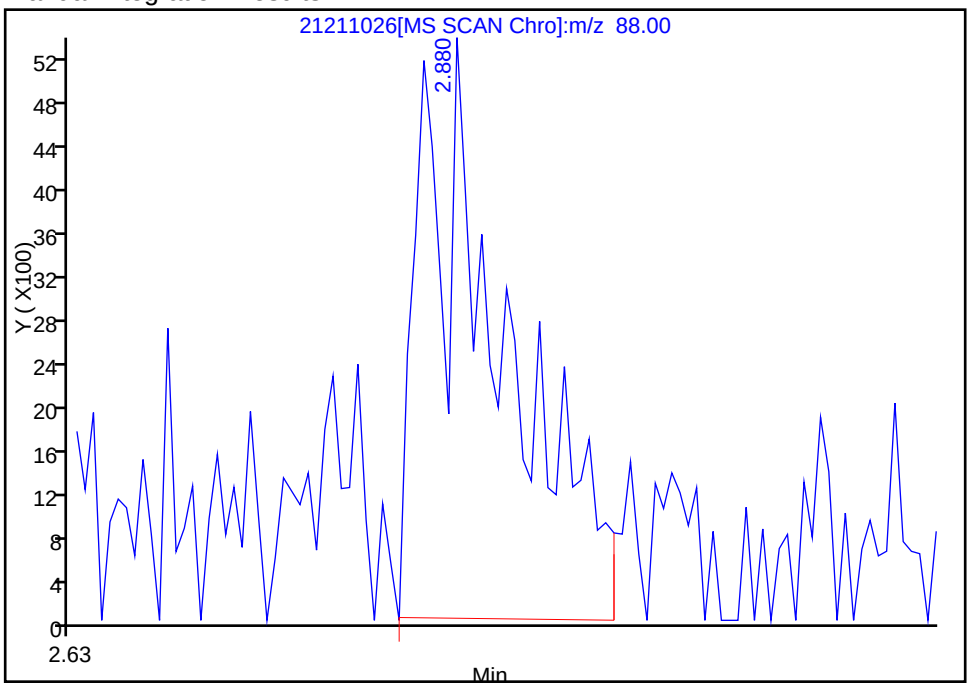
Processing Integration Results

Not Detected
Expected RT: 2.86



Manual Integration Results

RT: 2.88
Response: 20099
Amount: 0.354907



Reviewer: ulmanm, 12-Dec-2012 08:47:44
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

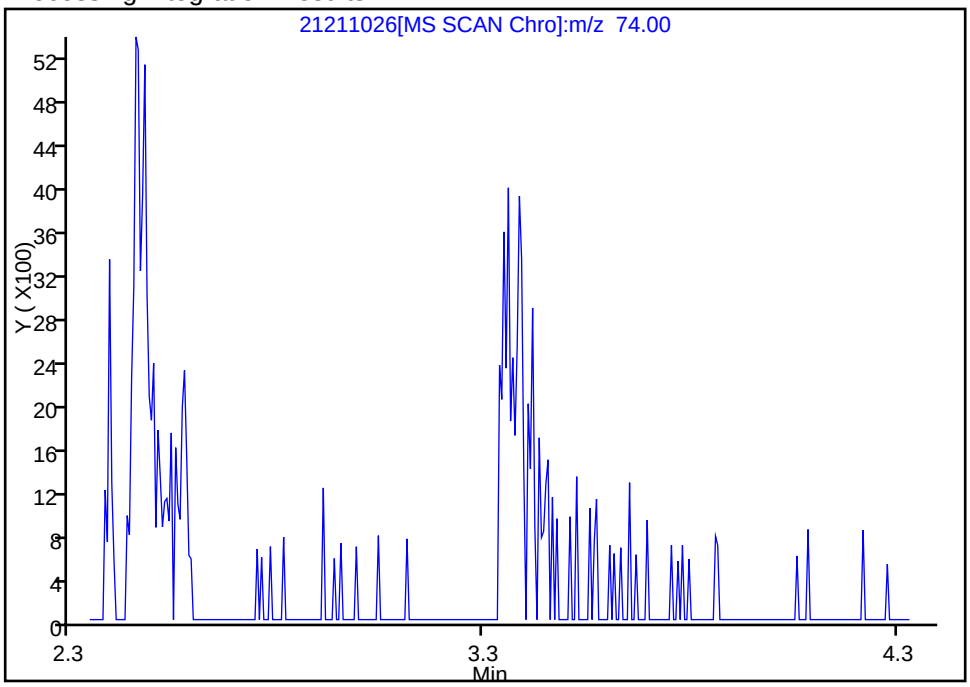
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211026.D		
Injection Date:	11-Dec-2012 22:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.33

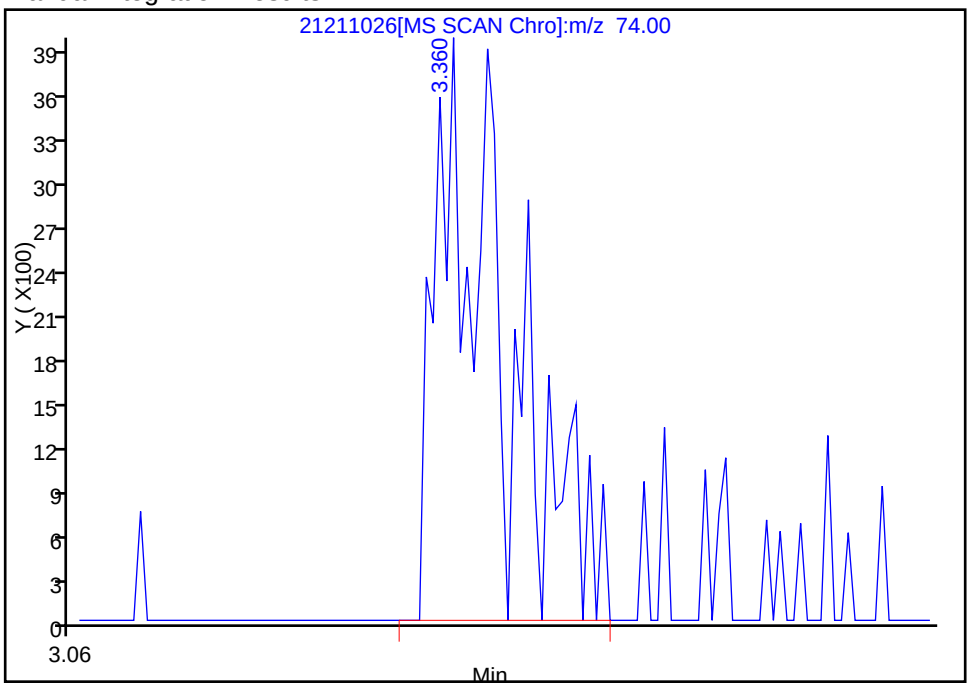
Processing Integration Results

Not Detected
Expected RT: 3.33



Manual Integration Results

RT: 3.36
Response: 14804
Amount: 0.861250



Reviewer: ulmanm, 12-Dec-2012 08:47:44
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

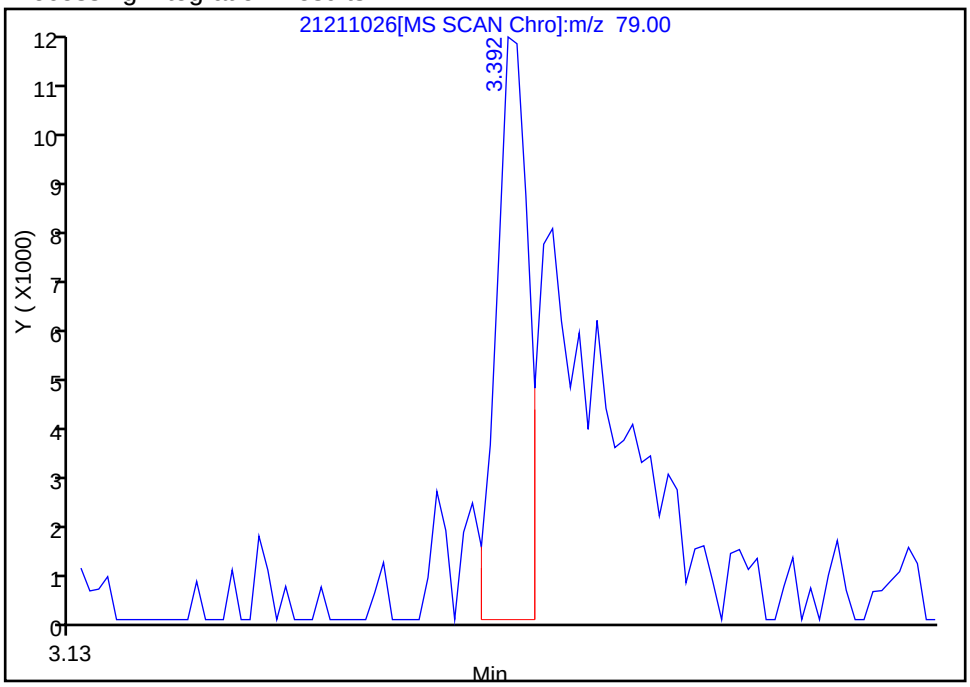
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211026.D		
Injection Date:	11-Dec-2012 22:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.39

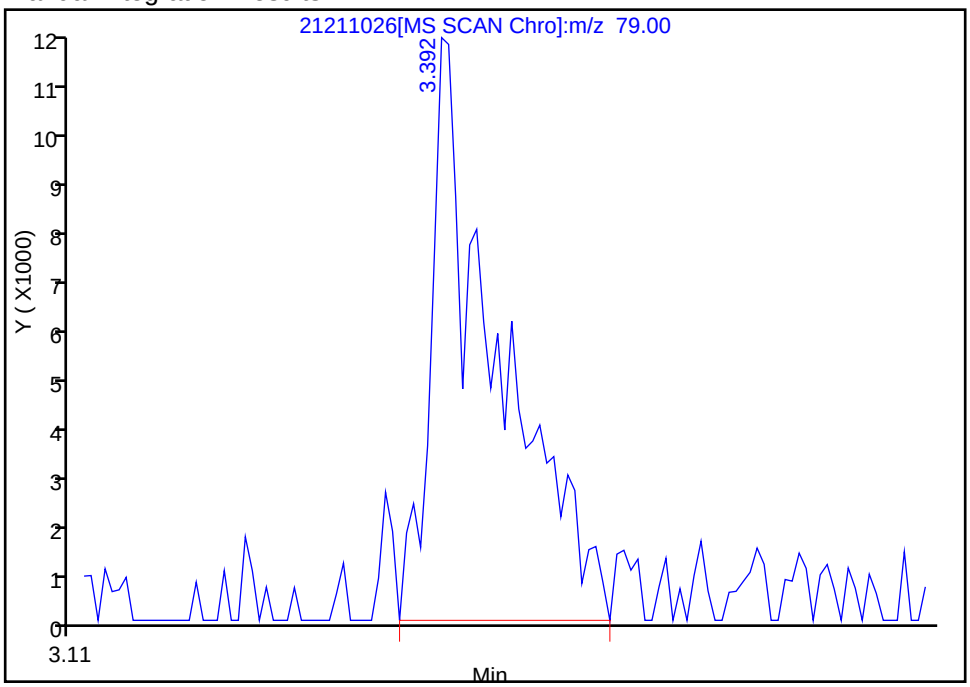
Processing Integration Results

RT: 3.39
Response: 15041
Amount: 0.211247



Manual Integration Results

RT: 3.39
Response: 39463
Amount: 0.554249



Reviewer: ulmanm, 12-Dec-2012 08:47:44
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/11/2012 23:24

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua				0.0322	1.00		
N-Nitrosodimethylamine	Qua				0.569	1.00		
Pyridine	Ave	1.899			0.925	1.00		
Benzaldehyde	Ave	2.129			1.10	1.00		
Phenol	Ave	2.416			0.943	1.00		
Aniline	Ave	2.926			0.993	1.00		
Bis(2-chloroethyl)ether	Ave	2.220			1.02	1.00		
2-Chlorophenol	Ave	1.356			1.01	1.00		
1,3-Dichlorobenzene	Ave	1.785			1.05	1.00		
1,4-Dichlorobenzene	Ave	1.508			0.996	1.00		
Benzyl alcohol	Ave	1.046			0.984	1.00		
1,2-Dichlorobenzene	Ave	1.701			0.998	1.00		
2-Methylphenol	Ave	1.516			0.951	1.00		
3 & 4 Methylphenol	Ave	1.624			0.941	1.00		
N-Nitrosodi-n-propylamine	Ave	1.615			1.08	1.00		
Acetophenone	Ave	2.431			1.06	1.00		
Hexachloroethane	Ave	0.7781			0.693	1.00		
Nitrobenzene	Ave	0.7249			0.967	1.00		
Isophorone	Ave	1.056			0.933	1.00		
2-Nitrophenol	Ave	0.1739			1.04	1.00		
2,4-Dimethylphenol	Ave	0.4549			1.02	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.960	1.00		
2,4-Dichlorophenol	Ave	0.2648			1.03	1.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.955	1.00		
Naphthalene	Ave	1.020			0.949	1.00		
Hexachlorobutadiene	Ave	0.2075			0.992	1.00		
Caprolactam	Ave	0.1033			0.978	1.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.932	1.00		
2-Methylnaphthalene	Ave	0.6859			0.969	1.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.903	1.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.894	1.00		
1,1'-Biphenyl	Ave	1.370			0.982	1.00		
2-Chloronaphthalene	Ave	1.237			0.974	1.00		
2-Nitroaniline	Ave	0.4702			1.03	1.00		
Dimethyl phthalate	Ave	1.198			0.979	1.00		
2,6-Dinitrotoluene	Qua				1.25	1.00		
Acenaphthylene	Ave	1.742			0.958	1.00		
3-Nitroaniline	Ave	0.2802			1.04	1.00		
2,4-Dinitrophenol	Qua				1.40	2.00		
Acenaphthene	Ave	1.124			0.910	1.00		
4-Nitrophenol	Ave	0.2223			0.856	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/11/2012 23:24

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrotoluene	Ave	0.4097			0.810	1.00		
Dibenzofuran	Ave	1.529			0.955	1.00		
Diethyl phthalate	Ave	1.198			0.950	1.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.939	1.00		
4-Nitroaniline	Qua				1.07	1.00		
Fluorene	Ave	1.287			0.943	1.00		
N-Nitrosodiphenylamine	Ave	0.5305			1.01	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.929	1.00		
4-Bromophenyl phenyl ether	Ave	0.2201			1.00	1.00		
Hexachlorobenzene	Ave	0.2171			0.934	1.00		
Atrazine	Ave	0.1567			0.926	1.00		
Pentachlorophenol	Qua				1.37	2.00		
Phenanthrene	Ave	1.093			0.908	1.00		
Anthracene	Ave	1.055			0.918	1.00		
Carbazole	Ave	0.997			0.911	1.00		
Di-n-butyl phthalate	Ave	1.234			0.859	1.00		
Fluoranthene	Ave	1.170			0.930	1.00		
Benzidine	Qua				1.18	1.00		
Pyrene	Ave	1.200			0.909	1.00		
Butyl benzyl phthalate	Ave	0.5018			0.960	1.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.964	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.937	1.00		
Benzo[a]anthracene	Ave	1.108			0.963	1.00		
Chrysene	Ave	1.022			0.950	1.00		
Di-n-octyl phthalate	Qua				1.00	1.00		
Benzo[b]fluoranthene	Ave	1.241			0.888	1.00		
Benzo[k]fluoranthene	Ave	1.231			0.996	1.00		
Benzo[a]pyrene	Ave	1.113			1.00	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.777	1.00		
Benzo[g,h,i]perylene	Ave	1.017			0.349	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	1.00		
Benzoic acid	Qua				0.0100	2.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	1.00		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	1.00		
2-Fluorophenol (Surr)	Ave	1.462			0.922	1.00	92	35-105
Phenol-d5 (Surr)	Ave	2.119			0.979	1.00	98	40-100
Nitrobenzene-d5 (Surr)	Ave	0.6785			1.04	1.00	104*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.541			0.936	1.00	94	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.980	1.00	98	35-125

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/11/2012 23:24

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21211027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Terphenyl-d14 (Surr)	Ave	0.8035			0.981	1.00	98	30-125

Report Date: 12-Dec-2012 09:35:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211027.D
Lims ID: mdll3 Client ID:
Inject. Date: 11-Dec-2012 23:24:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015722-027
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 68161 Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 09:35:35 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.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: 12-Dec-2012 08:52:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.100	6.099	0.001	88	149501	4.00	
* 2 Naphthalene-d8	136	7.206	7.205	0.001	99	608747	4.00	
* 3 Acenaphthene-d10	164	8.701	8.706	-0.005	69	375633	4.00	
* 4 Phenanthrene-d10	188	9.967	9.972	-0.005	81	646953	4.00	
* 5 Chrysene-d12	240	12.612	12.622	-0.010	75	656574	4.00	
* 6 Perylene-d12	264	14.775	14.791	-0.016	91	497574	4.00	
$ 7 2-Fluorophenol	112	4.876	4.881	-0.005	79	50361	0.9217	
$ 8 Phenol-d5	99	5.731	5.736	-0.005	0	77519	0.9788	
$ 9 Nitrobenzene-d5	82	6.575	6.580	-0.005	81	106904	1.04	
$ 10 2-Fluorobiphenyl (Surr)	172	8.108	8.113	-0.005	97	135390	0.9358	
$ 11 2,4,6-Tribromophenol	330	9.364	9.369	-0.005	57	11157	0.9802	
$ 12 Terphenyl-d14	244	11.346	11.356	-0.010	95	129408	0.9812	
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.868	2.862	0.006	69	12255	0.0322	
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69	3.349	3.319	0.030	1	424	0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
26 N-Nitrosodimethylamine	74	3.338	3.332	0.006	71	4436	0.5694	
40 4-Methylcyclohexanone	55	3.359	3.356	0.003	1	903	0	
27 Pyridine	79	3.386	3.385	0.001	87	65673	0.9251	
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
28 Ethyl methacrylate	69	3.931	3.930	0.001	70	68347	1.04	
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					9
63 N-Nitrosopiperidine	114		4.254					
29 3-Chloropropionitrile	54	4.273	4.272	0.001	83	13020	0.4472	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.673					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
104 1,4-Dinitrobenzene	168		5.712					
41 Benzaldehyde	77	5.710	5.715	-0.005	81	87927	1.10	
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.742	5.747	-0.005	88	85177	0.9431	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.795	5.800	-0.005	93	108542	0.99	
69 Bis(2-chloroethyl)ether	93	5.849	5.848	0.001	95	84403	1.02	
46 2-Chlorophenol	128	5.907	5.907	0.0	86	51276	1.01	
47 1,3-Dichlorobenzene	146	6.046	6.051	-0.005	83	69966	1.05	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.110	6.115	-0.005	62	56174	1.00	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
49 Benzyl alcohol	108	6.196	6.206	-0.010	87	38459	0.9840	
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146	6.249	6.254	-0.005	84	63493	1.00	
51 2-Methylphenol	108	6.281	6.286	-0.005	91	53860	0.9508	
122 Thionazin	97		6.305					9
53 2,2'-oxybis[1-chloropropane]	45	6.319	6.324	-0.005	95	88092	1.08	
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108	6.410	6.414	-0.004	87	57109	0.9408	
130 Diphenylamine	169		6.428					
57 N-Nitrosodi-n-propylamine	70	6.426	6.430	-0.004	65	65285	1.08	
58 Acetophenone	105	6.436	6.441	-0.005	87	96548	1.06	
134 Sulfotepp	202		6.518					9
61 Hexachloroethane	117	6.549	6.553	-0.004	87	20167	0.6935	
62 Nitrobenzene	77	6.591	6.596	-0.005	75	106633	0.9666	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
140 Dimethoate	87		6.764					
64 Isophorone	82	6.789	6.794	-0.005	94	149873	0.9329	
66 2-Nitrophenol	139	6.869	6.869	0.0	85	27422	1.04	
67 1,3,5-Trichlorobenzene	180	6.874	6.879	-0.005	76	59874	1.02	
65 2,4-Dimethylphenol	107	6.874	6.879	-0.005	94	70366	1.02	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
71 Benzoic acid	122		6.933					9
70 Bis(2-chloroethoxy)methane	93	6.960	6.965	-0.005	95	101528	0.9601	
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.067	7.066	0.001	91	41354	1.03	
74 1,2,4-Trichlorobenzene	180	7.147	7.152	-0.005	75	55102	0.9551	
75 Naphthalene	128	7.222	7.226	-0.004	94	147286	0.9488	
76 4-Chloroaniline	127	7.248	7.253	-0.005	78	60676	0.9624	
152 Methyl parathion	109		7.282					
79 Hexachlorobutadiene	225	7.318	7.317	0.001	84	31337	0.99	
80 1,2,3-Trichlorobenzene	180	7.345	7.344	0.0	81	55611	0	
84 Caprolactam	113	7.521	7.536	-0.015	70	15377	0.9777	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
86 4-Chloro-3-methylphenol	107	7.638	7.643	-0.005	74	55610	0.9322	
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.809	7.814	-0.005	86	101123	0.9688	
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142	7.895	7.900	-0.005	77	97194	1.01	
89 Hexachlorocyclopentadiene	237		7.942					9
90 1,2,3,5-Tetrachlorobenzene	216	7.937	7.942	-0.005	85	59051	1.04	
92 2,4,6-Trichlorophenol	196	8.034	8.038	-0.004	84	27962	0.9033	
93 2,4,5-Trichlorophenol	196	8.066	8.071	-0.004	83	29452	0.8938	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.178	8.183	-0.005	93	45838	1.42	
229 Aramite Peak 2	185		8.185					9
99 1,2,3,4 -Tetrachlorobenzene	216	8.194	8.199	-0.005	83	56315	0	
98 1,1'-Biphenyl	154	8.199	8.204	-0.005	93	126257	0.9815	
100 2-Chloronaphthalene	162	8.226	8.231	-0.005	97	113138	0.9737	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
164 Chlorobenzilate	139		8.297					9
102 2-Nitroaniline	65	8.295	8.300	-0.005	66	45509	1.03	
105 Dimethyl phthalate	163	8.429	8.439	-0.010	92	110145	0.9790	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.488	8.498	-0.010	71	27939	1.25	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.541	8.546	-0.005	74	15189	1.27	
109 Acenaphthylene	152	8.584	8.589	-0.005	84	156609	0.9575	
110 3-Nitroaniline	138	8.637	8.647	-0.010	83	27399	1.04	
171 2-Acetylaminofluorene	181		8.713					
112 Acenaphthene	153	8.728	8.733	-0.005	89	95976	0.9096	
111 2,4-Dinitrophenol	184	8.728	8.733	-0.005	18	4747	1.40	
113 4-Nitrophenol	109	8.744	8.749	-0.005	82	17875	0.8563	
114 2,4-Dinitrotoluene	165	8.835	8.840	-0.005	64	31177	0.8103	
116 Dibenzofuran	168	8.872	8.877	-0.005	89	137133	0.9549	
118 2,3,5,6-Tetrachlorophenol	232	8.926	8.931	-0.005	66	20528	0.7593	
121 Diethyl phthalate	149	9.022	9.032	-0.010	92	106896	0.9499	
123 4-Chlorophenyl phenyl ether	204	9.145	9.150	-0.005	90	64762	0.9387	
125 4-Nitroaniline	138	9.155	9.166	-0.011	73	25814	1.07	
126 Fluorene	166	9.166	9.171	-0.005	73	113955	0.9426	
128 4,6-Dinitro-2-methylphenol	198		9.187					9
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.241	9.246	-0.005	98	86418	1.01	
132 1,2-Diphenylhydrazine	77	9.284	9.289	-0.004	99	192531	0.9293	
133 Azobenzene	77	9.284	9.289	-0.004	94	192531	0.9293	
139 4-Bromophenyl phenyl ether	248	9.567	9.572	-0.005	75	35742	1.00	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.631	9.636	-0.005	73	32807	0.9343	
142 Atrazine	200	9.668	9.678	-0.010	72	23468	0.9261	
143 Pentachlorophenol	266	9.786	9.796	-0.010	65	21300	1.37	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.989	9.994	-0.005	82	160504	0.9076	
149 Anthracene	178	10.032	10.036	-0.004	84	156732	0.9184	
150 DFTPP								
151 Carbazole	167	10.149	10.159	-0.010	83	146911	0.9109	
154 Di-n-butyl phthalate	149	10.406	10.410	-0.004	99	171451	0.8589	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	11.015	11.019	-0.004	83	175964	0.9298	
160 Benzidine	184	11.105	11.110	-0.005	76	57545	1.18	
161 Pyrene	202	11.234	11.244	-0.010	94	179012	0.9088	
166 4,4'-DDE	246		11.303					9
165 4,4'-DDD	235		11.698					9
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.848	11.858	-0.010	86	79031	0.9595	
170 4,4'-DDT	235		11.997					
172 3,3'-Dimethoxybenzidine	244	12.484	12.494	-0.010	74	30068	1.01	
175 3,3'-Dichlorobenzidine	252	12.532	12.542	-0.010	64	59375	0.9643	
174 4,4'-Methylene bis(2-chloroanili	231	12.537	12.542	-0.005	69	29284	0.8836	
173 Bis(2-ethylhexyl) phthalate	149	12.553	12.563	-0.010	93	111442	0.9370	
177 Benzo[a]anthracene	228	12.596	12.606	-0.010	83	175119	0.9630	
178 Chrysene	228	12.649	12.659	-0.010	80	159279	0.9498	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.499	13.514	-0.015	94	154593	1.00	
182 Benzo[b]fluoranthene	252	14.172	14.182	-0.010	85	137081	0.8877	
183 Benzo[k]fluoranthene	252	14.204	14.225	-0.021	86	152515	1.00	
184 Benzo[a]pyrene	252	14.690	14.700	-0.010	63	138568	1.00	
188 Indeno[1,2,3-cd]pyrene	276	16.517	16.543	-0.026	81	118630	0.7775	
189 Dibenz(a,h)anthracene	278		16.570					
190 Benzo[g,h,i]perylene	276	17.003	17.035	-0.032	84	44072	0.3485	
S 191 Methyl Phenols,Total	100				0		1.89	
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	7.483	0.0	7.483	90	20756	0	
T 192 Octadecane (TIC)	57		0.000					1
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					1
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
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

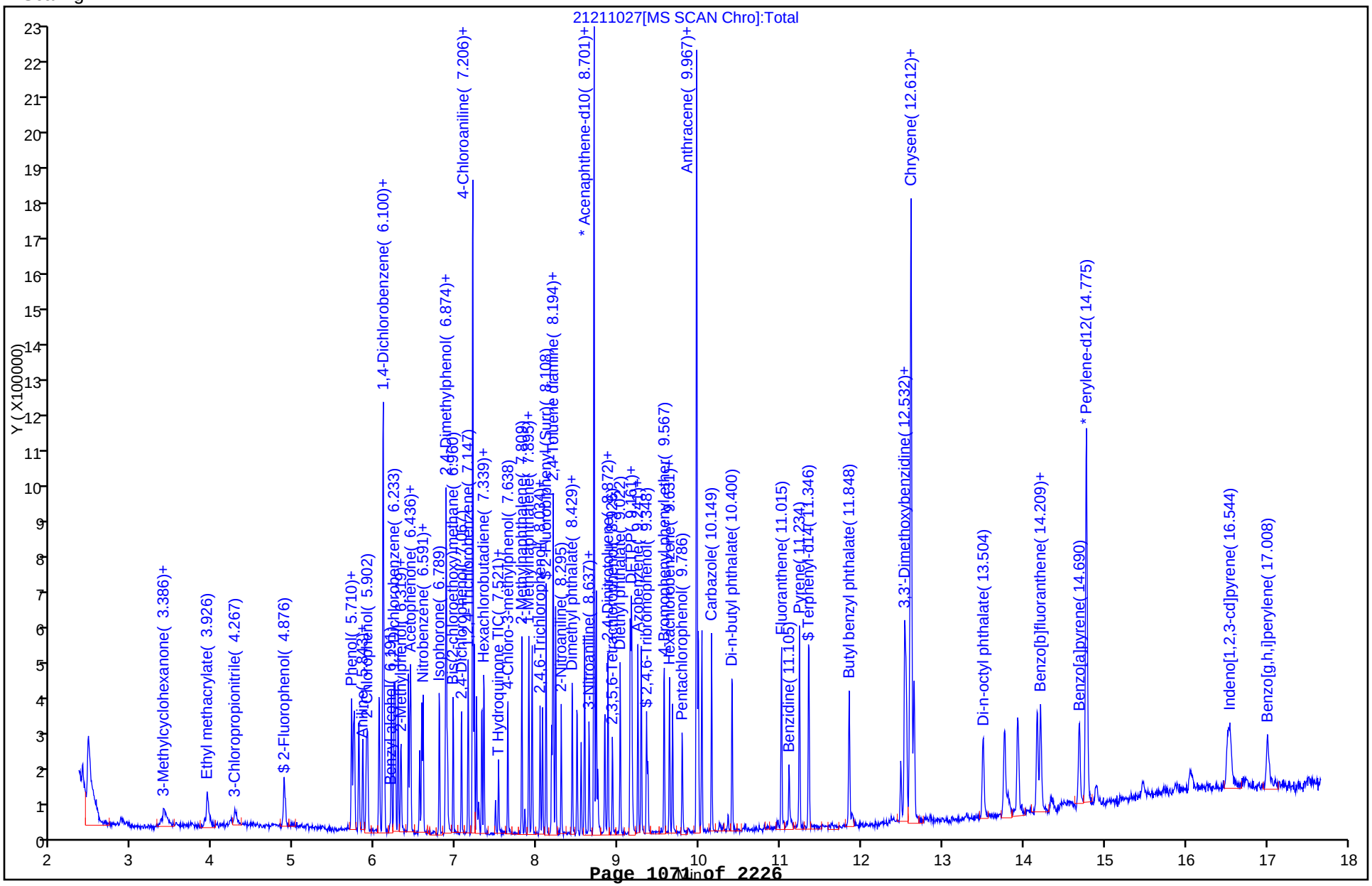
Report Date: 12-Dec-2012 09:35:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211027.D

Injection Date:	11-Dec-2012 23:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	27
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\20121203-15467.b\21203001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	03-Dec-2012 11:11:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015467-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67070	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:14	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 11:43:35

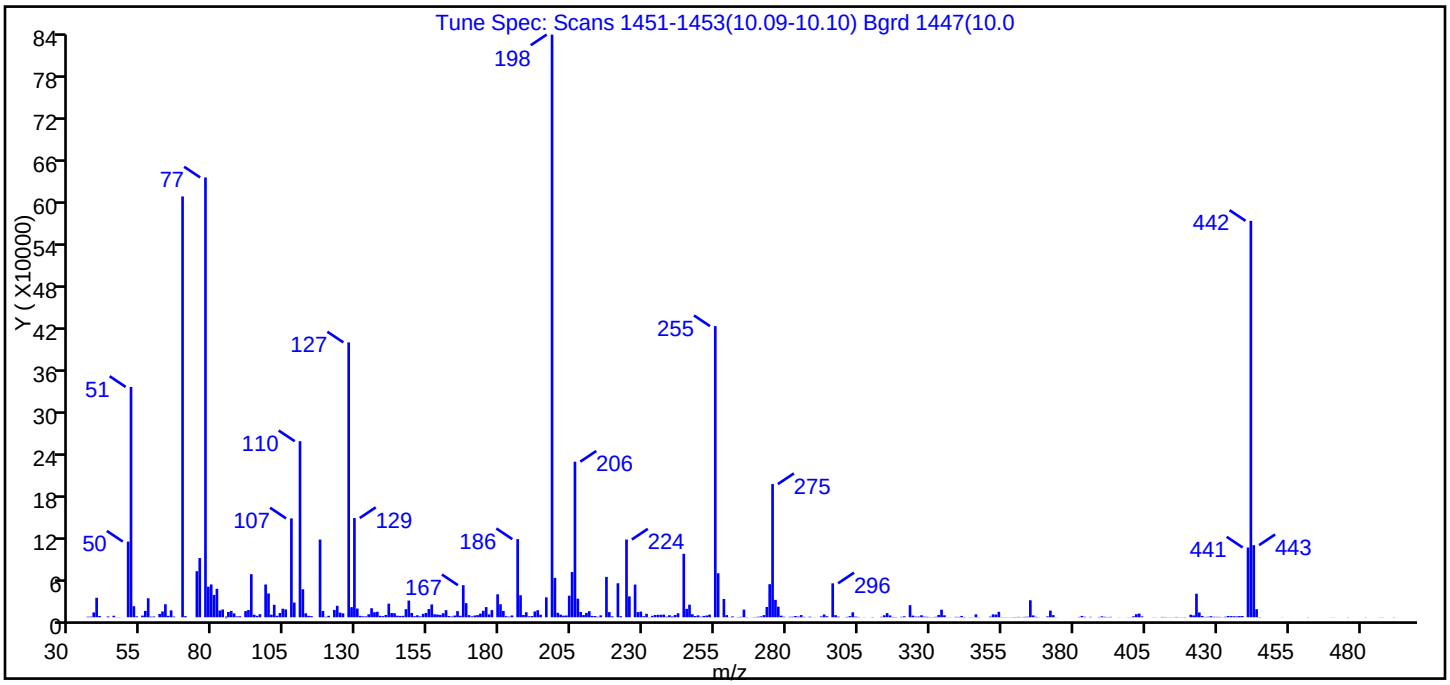
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.743	9.743	0.0	77	845991	0	
150 DFTPP								
160 Benzidine	184	11.057	11.057	0.0	88	4913458	0	
166 4,4'-DDE	246	11.233	11.233	0.0	1	3405	0	
165 4,4'-DDD	235	11.580	11.580	0.0	25	29456	0	
170 4,4'-DDT	235	11.922	11.922	0.0	92	2368324	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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	39.53
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	72.22
70	Less than 2.00% of mass 69	0.20 (0.27)
127	25.00 - 75.00% of mass 198	47.17
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	22.86
365	Greater than 0.75% of mass 198	2.92
441	Present, but less than mass 443%	11.97 (96.74)
442	40.00 - 110.00% of mass 198	68.04
443	15.00 - 24.00% of mass 442	12.38 (18.19)

Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D\8270 _9.rslt\spectra.d
Injection Date: 03-Dec-2012 11:11:30
Spectrum: Tune Spec: Scans 1451-1453(10.09-10.10) Bgrd 1447(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	805	143.00	5762	238.00	899	344.00	252
37.00	913	144.00	2208	239.00	2944	345.00	194
38.00	6881	145.00	1935	240.00	1199	346.00	4162
39.00	27752	146.00	2039	241.00	3197	347.00	293
40.00	1847	147.00	11515	242.00	5686	351.00	938
43.00	1175	148.00	23792	244.00	90544	352.00	4152
45.00	2162	149.00	6149	245.00	11968	353.00	3912
46.00	183	150.00	1505	246.00	17920	354.00	7781
47.00	281	151.00	2790	247.00	4250	355.00	244
50.00	107928	152.00	1316	248.00	1759	356.00	276
51.00	328512	153.00	4861	249.00	2729	357.00	196
52.00	15756	154.00	6172	250.00	796	358.00	184
53.00	1265	155.00	11784	251.00	1929	359.00	372
55.00	2354	156.00	18272	252.00	2492	360.00	372
56.00	9108	157.00	4229	253.00	3788	361.00	555
57.00	27096	158.00	3898	255.00	415232	362.00	231
58.00	882	159.00	3388	256.00	62760	363.00	614
59.00	1090	160.00	5803	258.00	26096	364.00	800
61.00	4674	161.00	10124	259.00	3036	365.00	24240
62.00	8247	162.00	1764	260.00	262	366.00	2609
63.00	18592	163.00	1087	261.00	1214	367.00	673
64.00	2017	164.00	2422	263.00	469	368.00	229
65.00	9825	165.00	8760	264.00	708	371.00	1221
66.00	993	166.00	2066	265.00	10931	372.00	9521
69.00	600128	167.00	45760	266.00	391	373.00	2996
70.00	1628	168.00	20160	268.00	215	374.00	197
74.00	65656	169.00	3000	269.00	455	382.00	488
75.00	84456	170.00	1316	270.00	786	383.00	1920
77.00	627264	171.00	2460	271.00	1272	384.00	719
78.00	43592	172.00	3069	272.00	3065	386.00	605
79.00	46792	173.00	5254	273.00	14640	389.00	471
80.00	31864	174.00	9203	274.00	47184	390.00	1310
81.00	40576	175.00	14490	275.00	189952	391.00	671

Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D\8270 _9.rslt\spectra.d
Injection Date: 03-Dec-2012 11:11:30
Spectrum: Tune Spec: Scans 1451-1453(10.09-10.10) Bgrd 1447(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	9621	176.00	4058	276.00	24816	392.00	374
83.00	11092	177.00	10236	277.00	15088	393.00	572
84.00	1	179.00	32696	278.00	2264	396.00	178
85.00	7518	180.00	18528	279.00	773	399.00	207
86.00	9066	181.00	9015	281.00	647	400.00	205
87.00	5515	182.00	1488	282.00	835	401.00	1382
88.00	1317	183.00	957	283.00	1794	402.00	4364
89.00	1456	184.00	2598	284.00	973	403.00	5287
91.00	8760	186.00	111416	285.00	3129	404.00	1266
92.00	10326	187.00	31432	286.00	536	408.00	221
93.00	61440	188.00	3197	288.00	810	409.00	173
94.00	3617	189.00	7175	289.00	176	411.00	499
95.00	2055	190.00	1393	290.00	170	412.00	394
96.00	4317	191.00	1812	292.00	1225	413.00	169
98.00	46744	192.00	8283	293.00	3948	414.00	201
99.00	33960	193.00	10085	294.00	1468	415.00	168
100.00	3676	194.00	3587	296.00	48368	416.00	487
101.00	17736	196.00	28408	297.00	2922	417.00	197
102.00	2056	198.00	830976	298.00	912	418.00	203
103.00	6046	199.00	56128	300.00	168	419.00	359
104.00	12231	200.00	6332	301.00	598	421.00	3613
105.00	11224	201.00	3717	302.00	1629	422.00	2627
106.00	37	202.00	2291	303.00	7068	423.00	33560
107.00	140992	203.00	2497	304.00	939	424.00	6841
108.00	20936	204.00	30736	305.00	512	425.00	1826
110.00	251136	205.00	64560	307.00	199	426.00	496
111.00	39928	206.00	221888	310.00	391	427.00	744
112.00	5609	207.00	26536	313.00	658	428.00	1504
113.00	2015	208.00	7546	314.00	2785	429.00	726
114.00	1583	209.00	3144	315.00	5914	430.00	612
117.00	110808	210.00	6205	316.00	2627	431.00	568
118.00	9054	211.00	8658	317.00	525	432.00	214
119.00	692	212.00	1909	318.00	434	433.00	709
120.00	2041	213.00	1780	320.00	690	434.00	1840

Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D\8270 _9.rslt\spectra.d
Injection Date: 03-Dec-2012 11:11:30
Spectrum: Tune Spec: Scans 1451-1453(10.09-10.10) Bgrd 1447(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 347

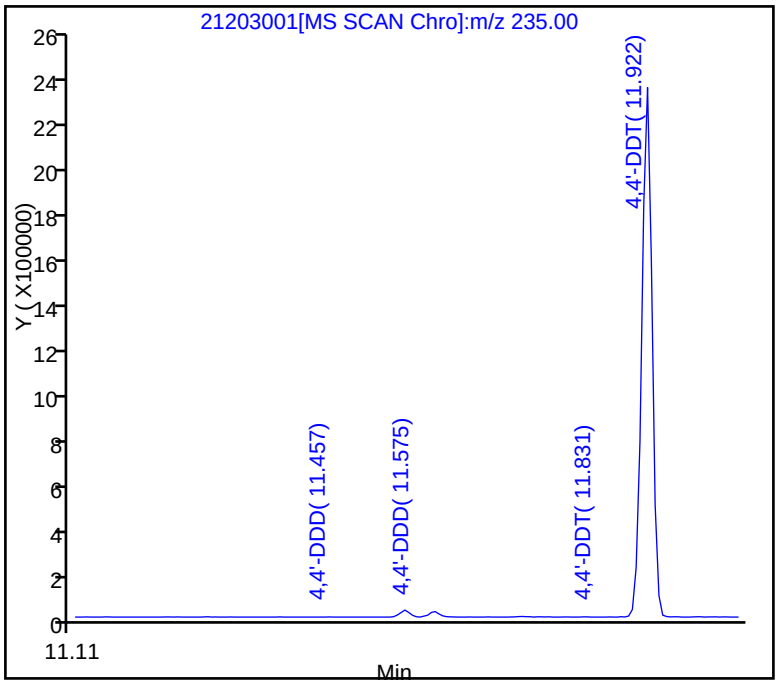
m/z	Y	m/z	Y	m/z	Y	m/z	Y
122.00	10423	214.00	744	321.00	1344	435.00	1597
123.00	16323	215.00	2759	323.00	17192	436.00	1442
124.00	6584	217.00	57576	324.00	2343	437.00	1267
125.00	5555	218.00	7254	325.00	949	438.00	1676
127.00	392000	219.00	1331	326.00	958	439.00	1707
128.00	14423	221.00	48512	327.00	2861	441.00	99488
129.00	141504	222.00	1542	328.00	820	442.00	565376
130.00	12467	224.00	110888	329.00	703	443.00	102840
131.00	1987	225.00	29760	330.00	357	444.00	11515
132.00	1355	227.00	46640	331.00	316	445.00	351
133.00	1243	228.00	7402	332.00	690	453.00	171
134.00	4293	229.00	8159	333.00	3312	462.00	262
135.00	12870	230.00	1504	334.00	10765	470.00	175
136.00	7180	231.00	4936	335.00	2758	471.00	190
137.00	7812	232.00	348	336.00	168	476.00	276
138.00	2059	233.00	2048	337.00	200	482.00	271
139.00	1655	234.00	3232	339.00	622	487.00	210
140.00	3192	235.00	3461	340.00	492	488.00	207
141.00	19360	236.00	3518	341.00	1907	492.00	291
142.00	5932	237.00	3815	342.00	371		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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 = 2368324
165 4,4'-DDD, Area = 29456
166 4,4'-DDE, Area = 3405

%Breakdown: 1.37%, Max Limit: 20.00%
Passed

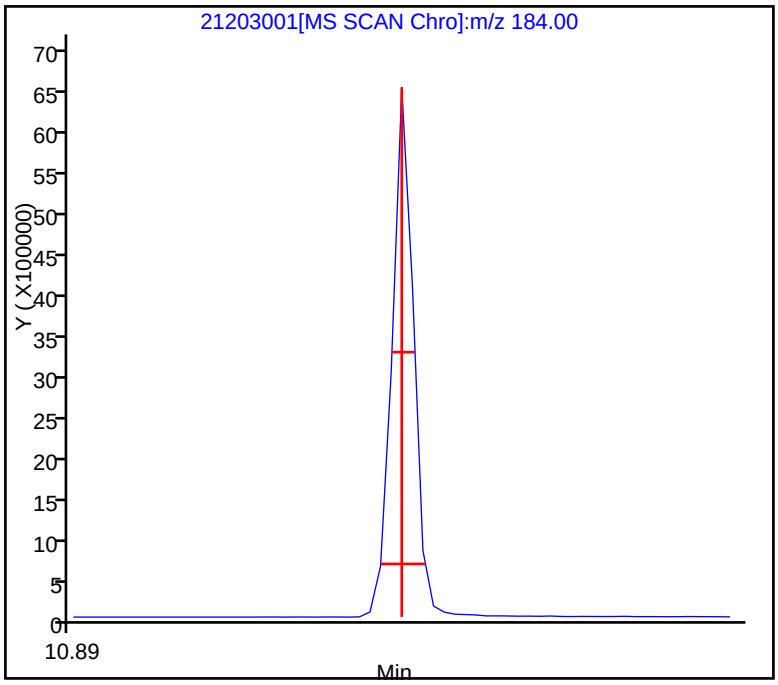
Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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 = 0.012 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed

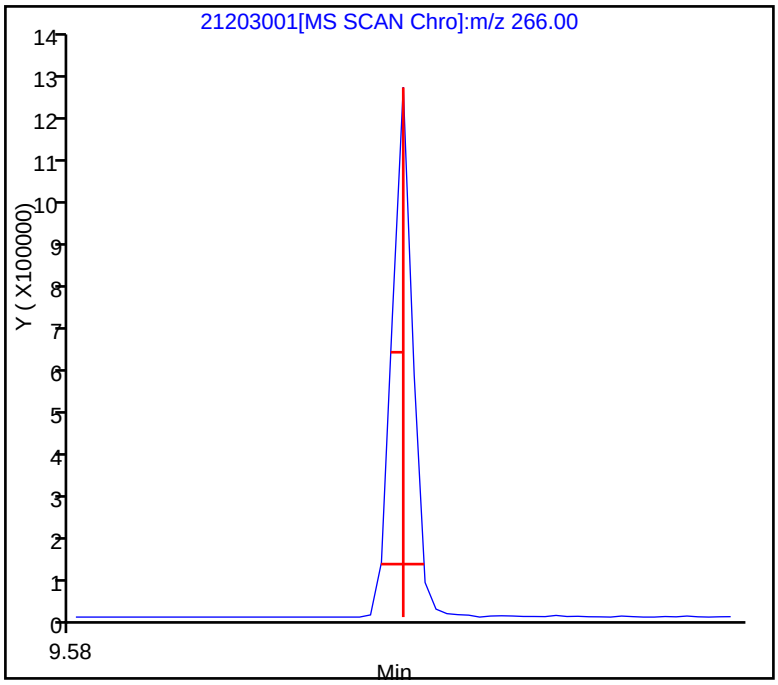
Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	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 = 0.010 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 0.9, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	07-Dec-2012 12:56:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015623-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67729	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m		
Last Update:	08-Dec-2012 11:37:45	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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:	07-Dec-2012 13:35:56

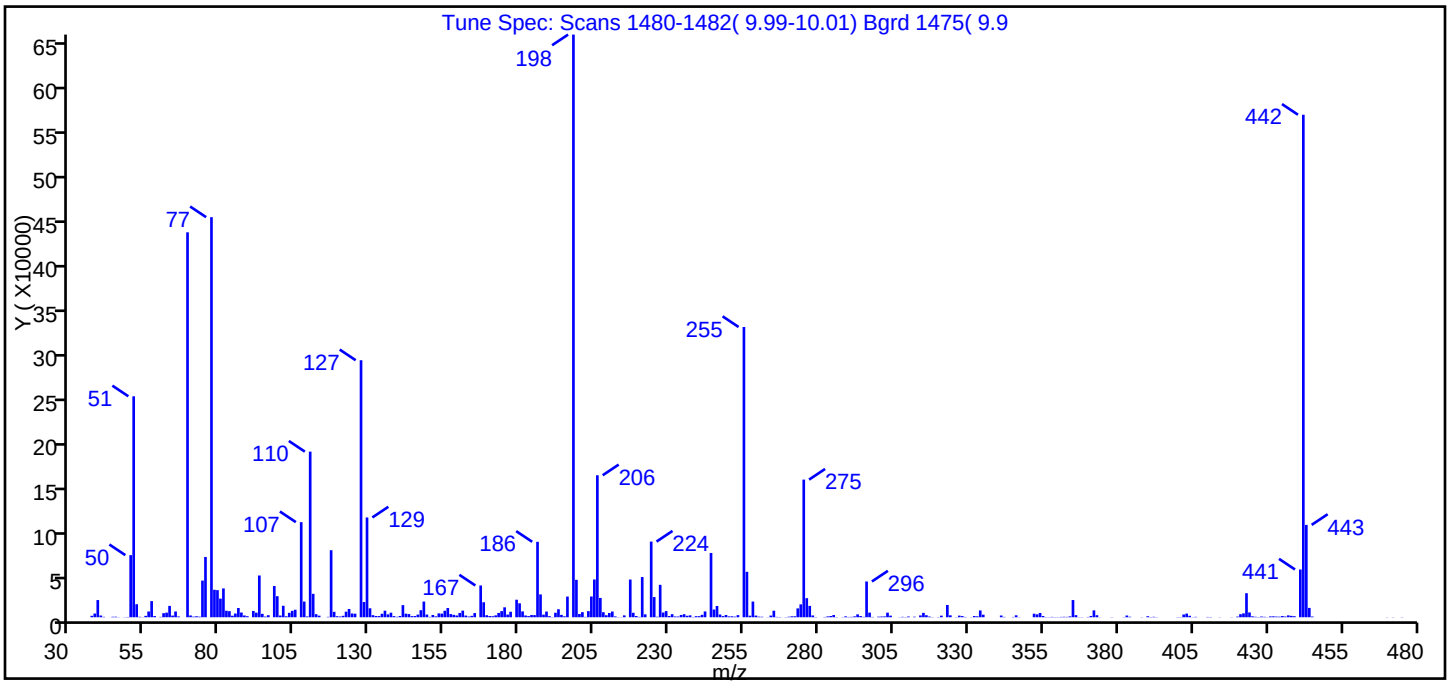
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.642	9.642	0.0	78	715722	0	
150 DFTPP								
160 Benzidine	184	10.945	10.945	0.0	87	4672631	0	
166 4,4'-DDE	246	11.111	11.111	0.0	1	2801	0	
165 4,4'-DDD	235	11.490	11.490	0.0	61	22196	0	
170 4,4'-DDT	235	11.779	11.779	0.0	85	2187325	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D		
Injection Date:	07-Dec-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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	37.92
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	66.07
70	Less than 2.00% of mass 69	0.31 (0.47)
127	25.00 - 75.00% of mass 198	44.11
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.42
275	10.00 - 30.00% of mass 198	23.62
365	Greater than 0.75% of mass 198	2.95
441	Present, but less than mass 443%	8.20 (51.71)
442	40.00 - 110.00% of mass 198	86.24
443	15.00 - 24.00% of mass 442	15.85 (18.38)

Report Date: 08-Dec-2012 11:37:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D\8270 _9.rslt\spectra.d
Injection Date: 07-Dec-2012 12:56:30
Spectrum: Tune Spec: Scans 1480-1482(9.99-10.01) Bgrd 1475(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1658	135.00	7430	226.00	581	326.00	232
38.00	4219	136.00	3267	227.00	36712	327.00	1862
39.00	19472	137.00	5180	228.00	5340	328.00	1318
40.00	1972	138.00	1302	229.00	6996	329.00	366
41.00	479	139.00	520	230.00	1387	331.00	167
43.00	62	140.00	1393	231.00	3480	332.00	1397
44.00	555	141.00	13691	232.00	883	333.00	1046
45.00	624	142.00	4054	233.00	828	334.00	7707
46.00	171	143.00	3592	234.00	2557	335.00	2899
48.00	207	144.00	1286	235.00	3450	341.00	1980
49.00	344	145.00	1374	236.00	1687	342.00	410
50.00	70320	146.00	3003	237.00	2155	345.00	341
51.00	250176	147.00	7998	238.00	268	346.00	2208
52.00	14743	148.00	17768	239.00	1236	347.00	169
53.00	525	149.00	3071	240.00	1240	352.00	4004
54.00	192	150.00	452	241.00	2726	353.00	3285
55.00	1584	151.00	2559	242.00	6583	354.00	4857
56.00	6523	152.00	1018	244.00	72792	355.00	1454
57.00	18280	153.00	4393	245.00	8784	356.00	249
58.00	1314	154.00	4130	246.00	12773	357.00	201
60.00	421	155.00	7353	247.00	3119	358.00	422
61.00	4615	156.00	10442	248.00	1309	359.00	254
62.00	5227	157.00	3605	249.00	2561	360.00	235
63.00	12876	158.00	2728	250.00	985	361.00	403
64.00	1888	159.00	1999	251.00	1091	362.00	529
65.00	6553	160.00	4868	252.00	692	363.00	423
66.00	891	161.00	7503	253.00	2412	364.00	998
69.00	435840	162.00	1896	255.00	328640	365.00	19472
70.00	2031	163.00	844	256.00	51448	366.00	2369
71.00	703	164.00	1618	257.00	1781	367.00	176
72.00	1127	165.00	4743	258.00	17776	368.00	220
73.00	679	167.00	35976	259.00	1912	370.00	362
74.00	41512	168.00	16976	260.00	696	371.00	1459

Report Date: 08-Dec-2012 11:37:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D\8270 _9.rslt\spectra.d
Injection Date: 07-Dec-2012 12:56:30
Spectrum: Tune Spec: Scans 1480-1482(9.99-10.01) Bgrd 1475(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	68256	169.00	2289	261.00	564	372.00	7788
77.00	452992	170.00	1358	263.00	188	373.00	2294
78.00	31120	171.00	1167	264.00	1918	374.00	181
79.00	30704	172.00	2122	265.00	7412	378.00	225
80.00	21056	173.00	4903	266.00	420	382.00	240
81.00	32640	174.00	6957	267.00	297	383.00	1968
82.00	7393	175.00	11257	268.00	9	384.00	597
83.00	6891	176.00	3052	269.00	230	388.00	192
84.00	1768	177.00	6209	270.00	586	390.00	1176
85.00	4235	179.00	19840	271.00	1092	391.00	283
86.00	10451	180.00	15784	272.00	1124	392.00	521
87.00	5356	181.00	6625	273.00	10034	393.00	228
88.00	2032	182.00	2014	274.00	14592	400.00	260
89.00	1168	183.00	1318	275.00	155840	401.00	272
91.00	7149	184.00	2519	276.00	21608	402.00	3130
92.00	5202	185.00	2404	277.00	12849	403.00	4165
93.00	47296	186.00	85424	278.00	2044	404.00	1689
94.00	3875	187.00	25848	279.00	324	405.00	198
95.00	784	188.00	2971	282.00	351	406.00	452
96.00	2340	189.00	6433	283.00	941	410.00	368
98.00	35352	190.00	1273	284.00	1405	411.00	314
99.00	23832	191.00	246	285.00	2516	414.00	195
100.00	1944	192.00	5099	286.00	255	418.00	173
101.00	12996	193.00	9045	288.00	195	420.00	759
102.00	1089	194.00	2708	289.00	1036	421.00	3439
103.00	5019	195.00	1052	290.00	378	422.00	4384
104.00	7253	196.00	23440	291.00	472	423.00	27240
105.00	8507	198.00	659712	292.00	1031	424.00	5447
107.00	107688	199.00	42384	293.00	3282	425.00	1058
108.00	17736	200.00	3684	294.00	1364	426.00	544
109.00	910	201.00	5789	295.00	461	427.00	288
110.00	187520	202.00	422	296.00	40496	428.00	809
111.00	26544	203.00	6937	297.00	5262	429.00	512
112.00	3481	204.00	23504	298.00	362	430.00	204

Report Date: 08-Dec-2012 11:37:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D\8270 _9.rslt\spectra.d
Injection Date: 07-Dec-2012 12:56:30
Spectrum: Tune Spec: Scans 1480-1482(9.99-10.01) Bgrd 1475(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 342

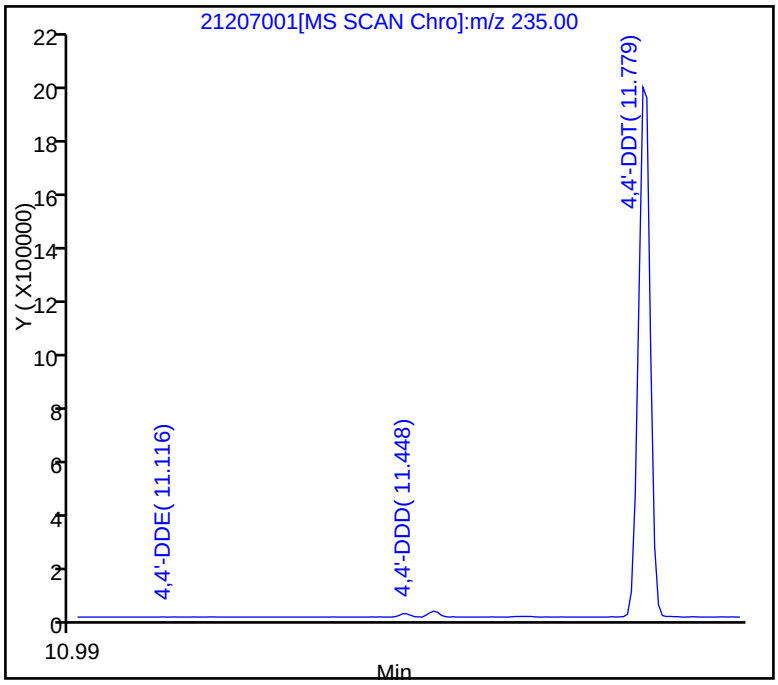
m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	1809	205.00	42776	300.00	675	431.00	984
116.00	481	206.00	160768	301.00	857	432.00	1051
117.00	75928	207.00	21880	302.00	959	433.00	786
118.00	6160	208.00	5718	303.00	5203	434.00	677
119.00	1164	209.00	2290	304.00	1825	435.00	1392
120.00	831	210.00	4826	307.00	183	436.00	810
121.00	1650	211.00	6467	308.00	469	437.00	2113
122.00	6319	212.00	926	309.00	259	438.00	1577
123.00	9346	213.00	205	310.00	836	439.00	1193
124.00	4266	214.00	167	312.00	623	441.00	54072
125.00	4038	215.00	2104	314.00	2079	442.00	568960
127.00	291008	217.00	42688	315.00	4995	443.00	104576
128.00	17264	218.00	5078	316.00	2291	444.00	10592
129.00	112992	219.00	1397	317.00	804	445.00	800
130.00	10161	220.00	428	318.00	241	470.00	173
131.00	2341	221.00	45512	320.00	263	472.00	205
132.00	1433	222.00	3282	321.00	1818	475.00	208
133.00	1349	224.00	85672	323.00	13897		
134.00	3958	225.00	22856	324.00	2172		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D		
Injection Date:	07-Dec-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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 = 2187325
165 4,4'-DDD, Area = 22196
166 4,4'-DDE, Area = 2801

%Breakdown: 1.13%, Max Limit: 20.00%
Passed

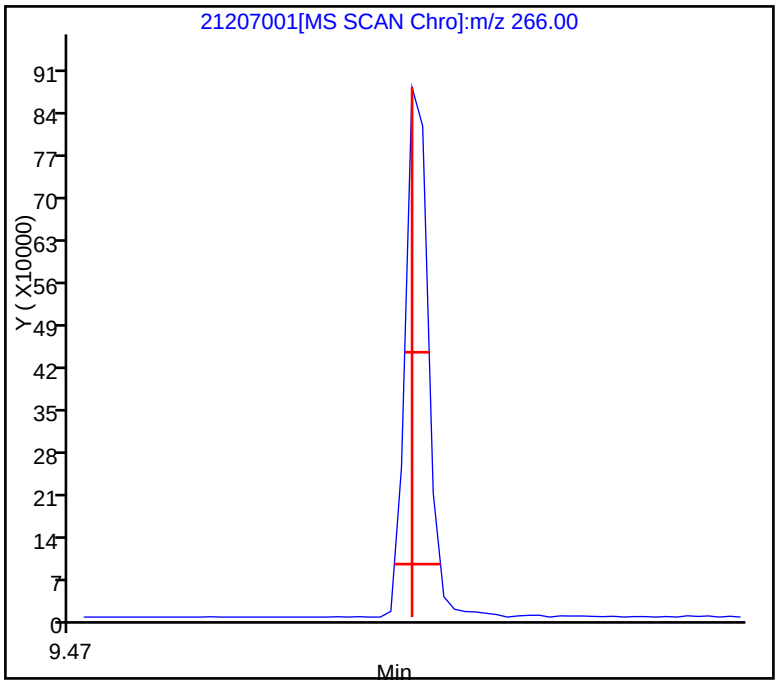
Report Date: 08-Dec-2012 11:37:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D		
Injection Date:	07-Dec-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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 = 0.014 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.6, Max. Tailing < 5.00
Passed

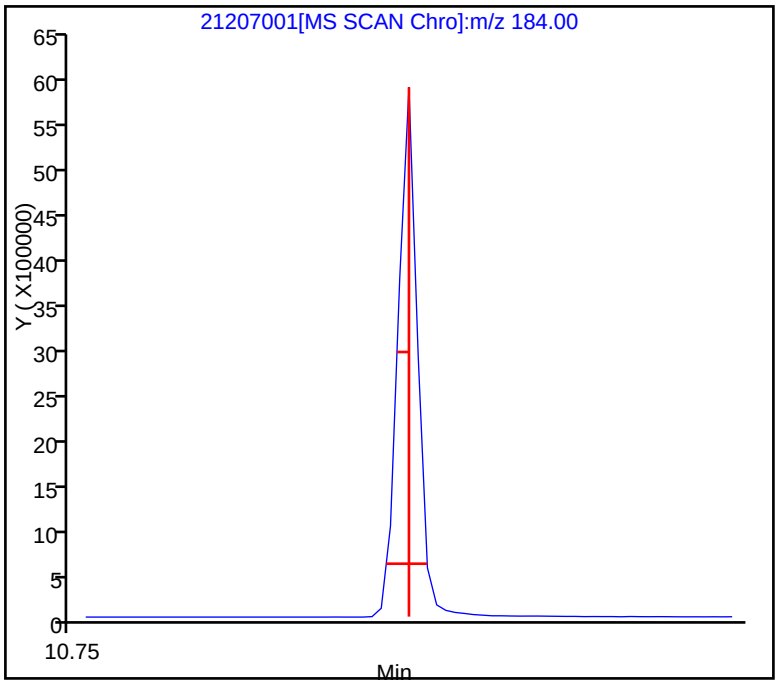
Report Date: 08-Dec-2012 11:37:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207001.D		
Injection Date:	07-Dec-2012 12:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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 = 0.011 (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\A4HP9\20121211-15722.b\21211001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	11-Dec-2012 11:50:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015722-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	68161	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:51	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 12:22:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.796	9.796	0.0	74	431325	0	
150 DFTPP								
160 Benzidine	184	11.121	11.121	0.0	87	2611207	0	
166 4,4'-DDE	246	11.303	11.303	0.0	1	2094	0	
165 4,4'-DDD	235	11.698	11.698	0.0	54	15008	0	
170 4,4'-DDT	235	11.997	11.997	0.0	84	1278429	0	

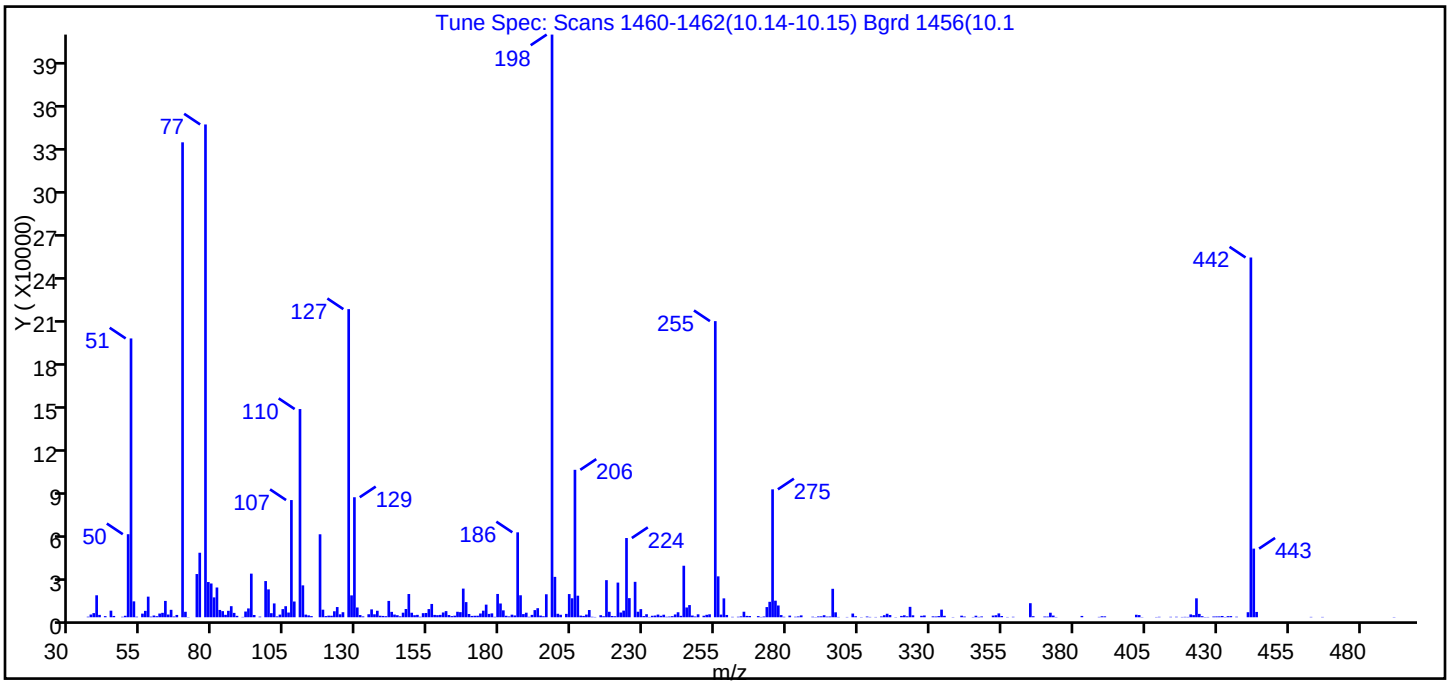
Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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	47.85
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	81.51
70	Less than 2.00% of mass 69	0.94 (1.15)
127	25.00 - 75.00% of mass 198	52.88
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.93
275	10.00 - 30.00% of mass 198	21.95
365	Greater than 0.75% of mass 198	2.41
441	Present, but less than mass 443%	0.86 (7.34)
442	40.00 - 110.00% of mass 198	61.74
443	15.00 - 24.00% of mass 442	11.78 (19.08)

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D\8270 _9.rslt\spectra.d
Injection Date: 11-Dec-2012 11:50:30
Spectrum: Tune Spec: Scans 1460-1462(10.14-10.15) Bgrd 1456(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	380	129.00	82560	210.00	1854	304.00	692
37.00	1870	130.00	6725	211.00	4980	306.00	175
38.00	2847	131.00	1525	212.00	334	308.00	520
39.00	15118	132.00	583	213.00	208	309.00	232
40.00	1629	134.00	2075	215.00	1410	311.00	204
42.00	771	135.00	5424	216.00	679	313.00	552
44.00	4530	136.00	2042	217.00	25520	314.00	1406
45.00	899	137.00	4470	218.00	3766	315.00	2418
48.00	336	138.00	1050	219.00	878	316.00	1550
49.00	1017	139.00	908	220.00	698	318.00	169
50.00	57128	140.00	722	221.00	23856	320.00	926
51.00	191808	141.00	11238	222.00	3257	321.00	1343
52.00	10937	142.00	3712	223.00	4558	322.00	639
53.00	386	143.00	1845	224.00	54504	323.00	7161
55.00	2493	144.00	1397	225.00	13156	324.00	1323
56.00	4389	145.00	630	227.00	24368	327.00	1000
57.00	14182	146.00	3133	228.00	3801	328.00	1235
58.00	442	147.00	5680	229.00	5595	331.00	616
59.00	1199	148.00	15986	230.00	809	332.00	531
60.00	723	149.00	3104	231.00	2082	333.00	820
61.00	2552	150.00	1402	232.00	237	334.00	5248
62.00	3043	151.00	1649	233.00	1015	335.00	980
63.00	11246	152.00	337	234.00	1164	338.00	181
64.00	1883	153.00	2815	235.00	1844	341.00	1076
65.00	5115	154.00	2938	236.00	1006	342.00	486
66.00	522	155.00	5626	237.00	1739	345.00	193
67.00	1595	156.00	9154	238.00	341	346.00	1055
69.00	326720	157.00	1614	239.00	495	347.00	253
70.00	3772	158.00	1431	240.00	750	348.00	546
71.00	171	159.00	1620	241.00	1931	352.00	1153
74.00	29728	160.00	3291	242.00	3438	353.00	1376
75.00	44384	161.00	4230	243.00	976	354.00	2657
77.00	339008	162.00	1517	244.00	35440	355.00	862

Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D\8270 _9.rslt\spectra.d
Injection Date: 11-Dec-2012 11:50:30
Spectrum: Tune Spec: Scans 1460-1462(10.14-10.15) Bgrd 1456(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	24224	163.00	806	245.00	6732	357.00	193
79.00	23232	164.00	1076	246.00	8384	359.00	323
80.00	13670	165.00	3771	247.00	1175	365.00	9674
81.00	20472	166.00	3516	248.00	522	366.00	724
82.00	5028	167.00	19712	249.00	2018	370.00	498
83.00	4208	168.00	10427	251.00	1039	371.00	469
84.00	1670	169.00	2253	252.00	1693	372.00	3106
85.00	4434	170.00	921	253.00	2031	373.00	1150
86.00	7622	171.00	1023	255.00	203712	374.00	200
87.00	3007	172.00	1051	256.00	28136	383.00	911
88.00	972	173.00	2584	257.00	1823	389.00	252
90.00	236	174.00	4520	258.00	12993	390.00	683
91.00	3942	175.00	8684	259.00	1586	391.00	614
92.00	6071	176.00	2304	261.00	284	402.00	1726
93.00	30008	177.00	2678	263.00	347	403.00	1495
94.00	1558	178.00	298	264.00	612	404.00	182
96.00	442	179.00	16030	265.00	3808	409.00	191
98.00	24896	180.00	9472	266.00	933	410.00	311
99.00	19176	181.00	4742	267.00	845	414.00	304
100.00	2809	182.00	1017	270.00	800	416.00	344
101.00	9511	183.00	588	271.00	231	418.00	214
102.00	597	184.00	1778	272.00	529	419.00	273
103.00	1821	185.00	1229	273.00	6997	420.00	226
104.00	5602	186.00	58424	274.00	10624	421.00	1956
105.00	7595	187.00	15119	275.00	87992	422.00	1482
106.00	3241	188.00	2189	276.00	11409	423.00	13021
107.00	80624	189.00	3131	277.00	8096	424.00	2306
108.00	10832	190.00	328	278.00	1499	425.00	738
110.00	143232	191.00	1627	279.00	329	426.00	176
111.00	21936	192.00	4919	281.00	1141	427.00	214
112.00	1817	193.00	6238	283.00	361	429.00	518
113.00	1285	194.00	1159	284.00	552	430.00	573
114.00	780	195.00	684	285.00	1287	431.00	592
115.00	10	196.00	15819	289.00	369	432.00	870

Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D\8270 _9.rslt\spectra.d
Injection Date: 11-Dec-2012 11:50:30
Spectrum: Tune Spec: Scans 1460-1462(10.14-10.15) Bgrd 1456(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 312

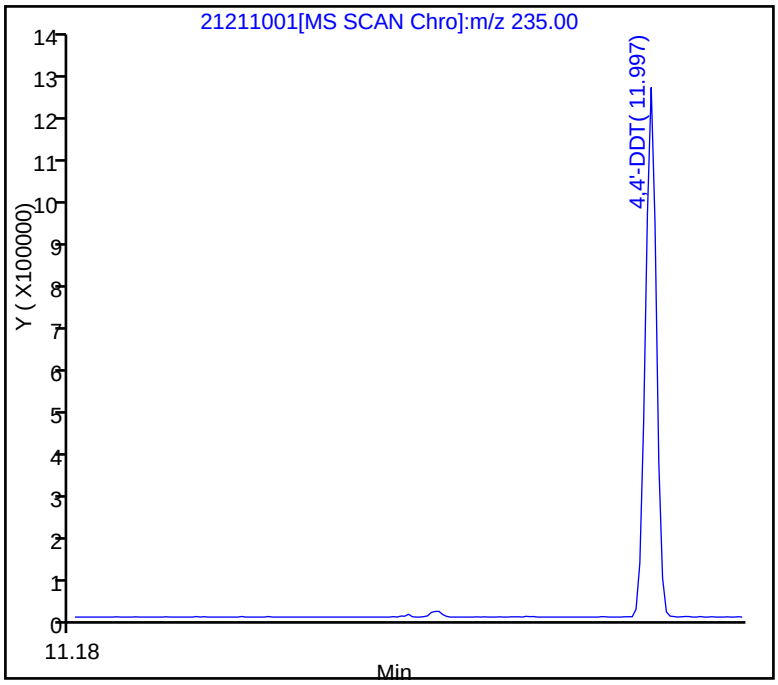
m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	57080	198.00	400832	290.00	167	433.00	195
118.00	5207	199.00	27784	291.00	574	434.00	764
119.00	804	200.00	2389	292.00	628	435.00	813
120.00	1111	201.00	1704	293.00	1399	437.00	373
121.00	1041	203.00	2328	294.00	440	441.00	3466
122.00	4117	204.00	15952	295.00	508	442.00	247488
123.00	7020	205.00	13055	296.00	19576	443.00	47216
124.00	2034	206.00	101432	297.00	3399	444.00	3659
125.00	3472	207.00	14831	298.00	220	463.00	249
127.00	211968	208.00	1140	301.00	207	467.00	228
128.00	15045	209.00	917	303.00	2552	492.00	181

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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 = 1278429
165 4,4'-DDD, Area = 15008
166 4,4'-DDE, Area = 2094

%Breakdown: 1.32%, Max Limit: 20.00%
Passed

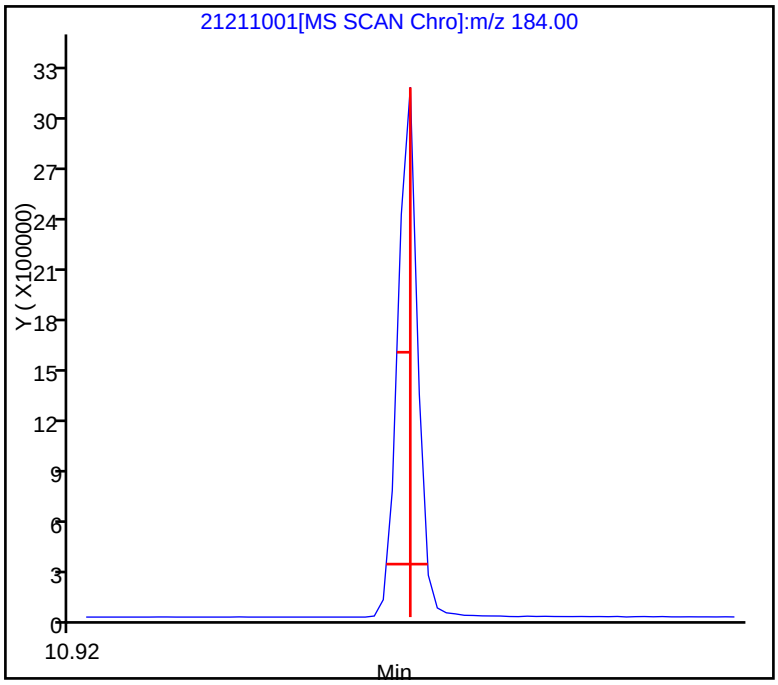
Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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 = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

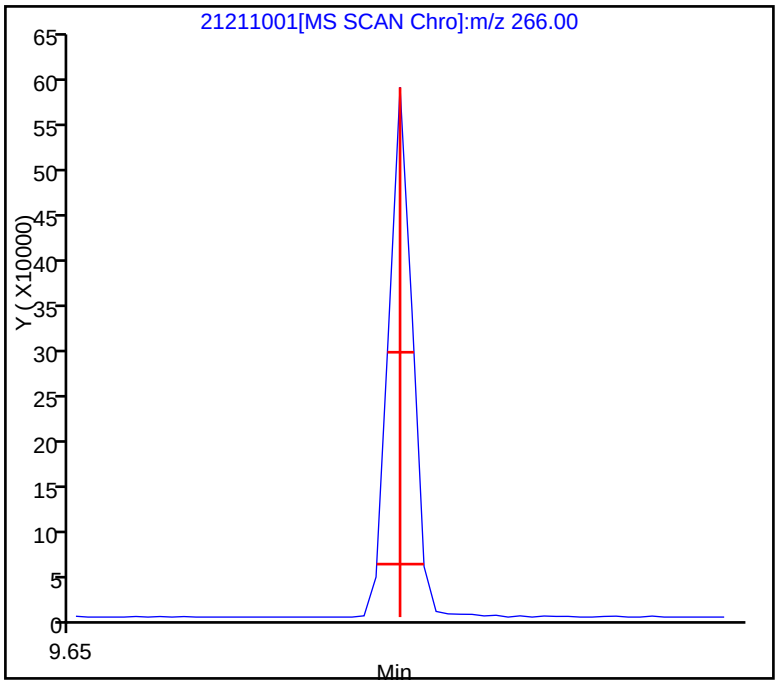
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D

Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	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 = 0.011 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65933/23-A

Matrix: Solid | Lab File ID: 21203014.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 16:43

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.: 67070 | 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	90.1		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	15.8	J	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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65933/23-A

Matrix: Solid | Lab File ID: 21203014.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 16:43

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.: 67070 | 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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65933/23-A

Matrix: Solid | Lab File ID: 21203014.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 16:43

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.: 67070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	76		45-105
367-12-4	2-Fluorophenol (Surr)	81		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	78		35-100
1718-51-0	Terphenyl-d14 (Surr)	93		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	56		35-125
4165-62-2	Phenol-d5 (Surr)	86		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203014.D
Lims ID: MB 240-65933/23-A Client ID:
Inject. Date: 03-Dec-2012 16:43:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015467-014
Misc. Info.: MB 240-65933/23-A =MB 240-65933/23-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67070 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 08:07:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.050	0.003	88	124013	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	98	533683	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	65	327896	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	78	567124	4.00	
* 5 Chrysene-d12	240	12.533	12.541	-0.008	77	584002	4.00	
* 6 Perylene-d12	264	14.676	14.677	-0.001	80	417389	4.00	
$ 7 2-Fluorophenol	112	4.841	4.832	0.009	92	594426	12.2	
$ 8 Phenol-d5	99	5.690	5.687	0.003	0	912803	13.0	
$ 9 Nitrobenzene-d5	82	6.529	6.531	-0.002	84	635474	7.78	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.059	0.003	99	824149	7.57	
$ 11 2,4,6-Tribromophenol	330	9.317	9.319	-0.002	85	106354	8.38	
$ 12 Terphenyl-d14	244	11.289	11.291	-0.002	80	1111627	9.29	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.807					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74		3.272					9
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.320					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.876					9
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.218					9
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					9
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.665					9
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94		5.703					9
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
44 Aniline	93		5.751					9
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93		5.804					
46 2-Chlorophenol	128		5.858					9
47 1,3-Dichlorobenzene	146		6.002					
48 1,4-Dichlorobenzene	146		6.066					
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108		6.157					9
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	59	11231	0.2373	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108		6.237					9
53 2,2'-oxybis[1-chloropropane]	45		6.274					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108		6.365					
127 Tributyl phosphate	99		6.379					9
57 N-Nitrosodi-n-propylamine	70		6.386					
58 Acetophenone	105		6.392					9
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117		6.504					
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77		6.547					9
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
230 Diallate Peak 2	86		6.695					
64 Isophorone	82		6.744					
140 Dimethoate	87		6.764					
66 2-Nitrophenol	139		6.819					
65 2,4-Dimethylphenol	107		6.830					
67 1,3,5-Trichlorobenzene	180		6.830					
71 Benzoic acid	122	6.839	6.889	-0.050	65	8959	1.81	
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93		6.915					9
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162		7.017					
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180		7.102					
75 Naphthalene	128		7.177					9
76 4-Chloroaniline	127		7.204					
79 Hexachlorobutadiene	225		7.268					
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180		7.295					
84 Caprolactam	113		7.487					
155 Ethyl Parathion	97		7.560					9
86 4-Chloro-3-methylphenol	107		7.594					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.759					
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142		7.850					
90 1,2,3,5-Tetrachlorobenzene	216		7.888					
89 Hexachlorocyclopentadiene	237		7.893					
92 2,4,6-Trichlorophenol	196		7.989					
93 2,4,5-Trichlorophenol	196		8.016					
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121		8.133					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					
98 1,1'-Biphenyl	154		8.149					9
100 2-Chloronaphthalene	162		8.181					
229 Aramite Peak 2	185		8.185					
102 2-Nitroaniline	65		8.246					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.384					9
107 2,6-Dinitrotoluene	165		8.443					9
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168		8.497					
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152		8.534					
110 3-Nitroaniline	138		8.593					
111 2,4-Dinitrophenol	184		8.678					
112 Acenaphthene	153		8.678					
113 4-Nitrophenol	109		8.700					
171 2-Acetylaminofluorene	181		8.713					
114 2,4-Dinitrotoluene	165		8.785					9
116 Dibenzofuran	168		8.822					
118 2,3,5,6-Tetrachlorophenol	232		8.881					
121 Diethyl phthalate	149		8.977					9
123 4-Chlorophenyl phenyl ether	204		9.100					
125 4-Nitroaniline	138		9.111					
126 Fluorene	166		9.116					
128 4,6-Dinitro-2-methylphenol	198		9.132					
131 N-Nitrosodiphenylamine	169		9.191					
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77		9.234					
132 1,2-Diphenylhydrazine	77		9.234					
139 4-Bromophenyl phenyl ether	248		9.517					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.581					
142 Atrazine	200		9.624					
143 Pentachlorophenol	266		9.741					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.939					9
149 Anthracene	178		9.982					9
151 Carbazole	167		10.105					
154 Di-n-butyl phthalate	149		10.356					9
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.959					9
160 Benzidine	184		11.050					
161 Pyrene	202		11.178					9
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149		11.787					9
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244		12.418					
174 4,4'-Methylene bis(2-chloroanili	231		12.466					9
175 3,3'-Dichlorobenzidine	252		12.466					
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	89	162279	1.35	
177 Benzo[a]anthracene	228		12.525					9
178 Chrysene	228		12.573					9
180 Di-n-octyl phthalate	149		13.422					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252		14.079					9
183 Benzo[k]fluoranthene	252		14.122					9
184 Benzo[a]pyrene	252		14.597					9
188 Indeno[1,2,3-cd]pyrene	276		16.403					
189 Dibenz(a,h)anthracene	278		16.430					9
190 Benzo[g,h,i]perylene	276		16.889					
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					1
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					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					
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					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

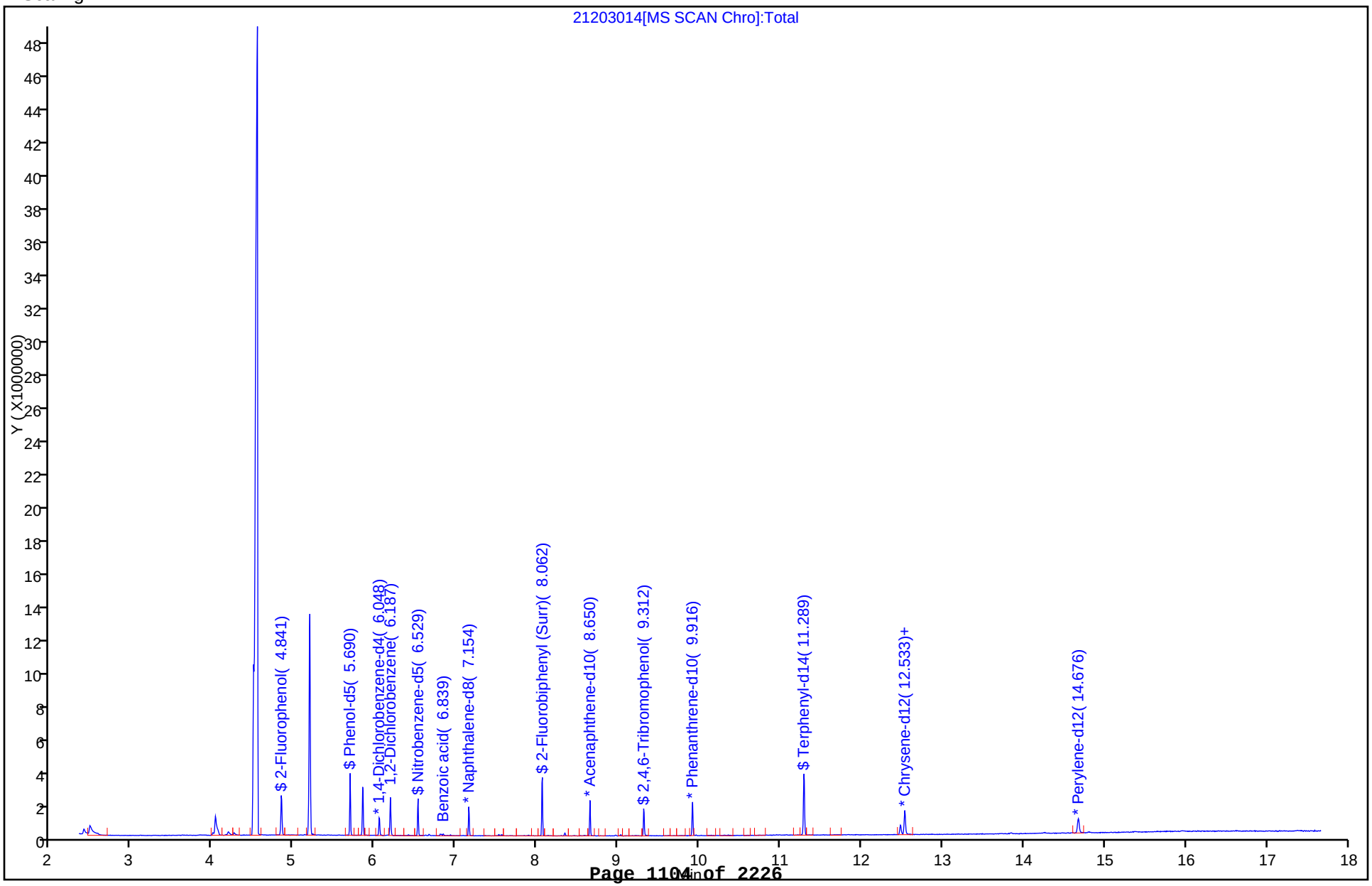
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 04-Dec-2012 09:30:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203014.D		
Injection Date:	03-Dec-2012 16:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



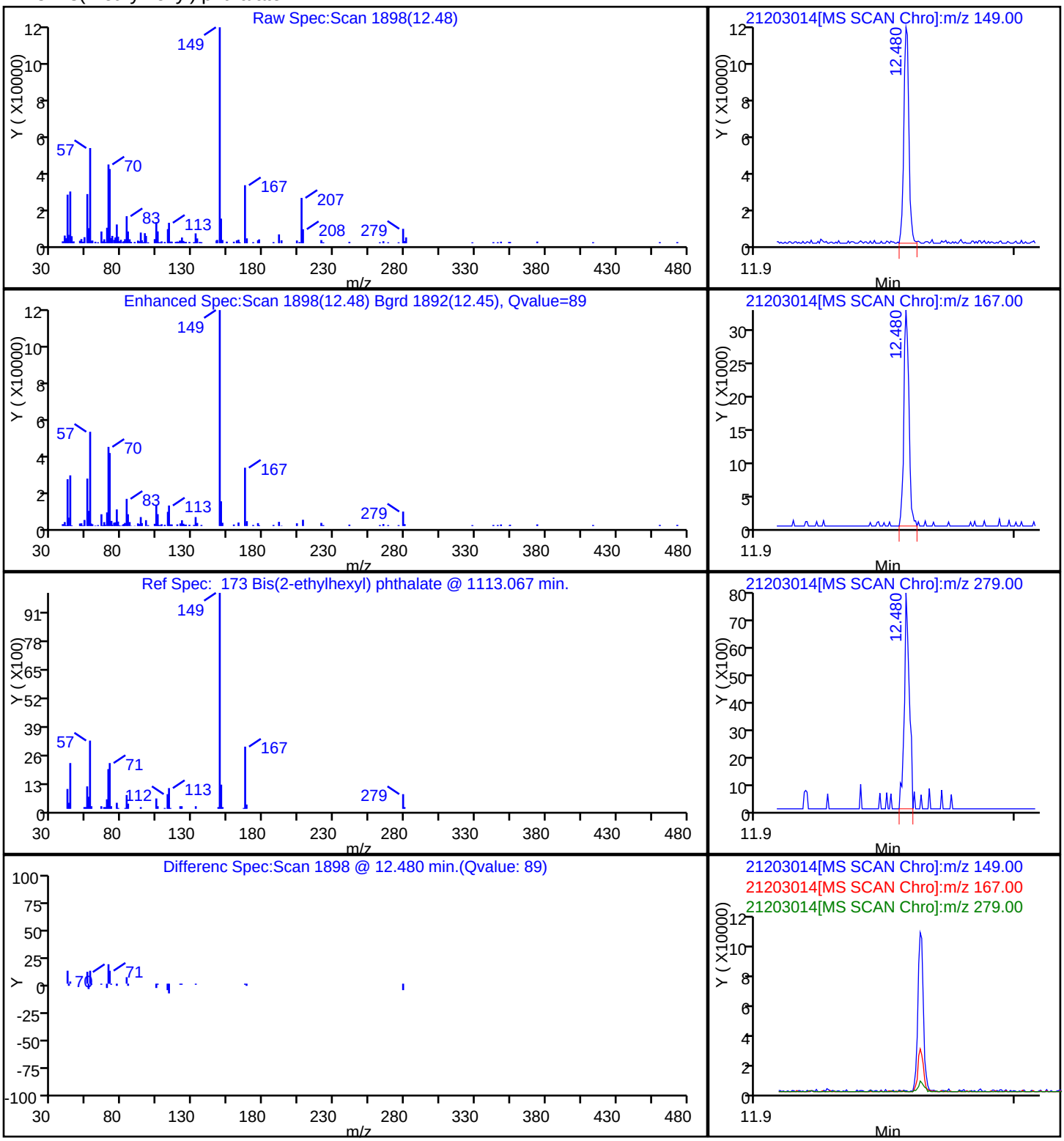
Report Date: 04-Dec-2012 09:30:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203014.D

Injection Date:	03-Dec-2012 16:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



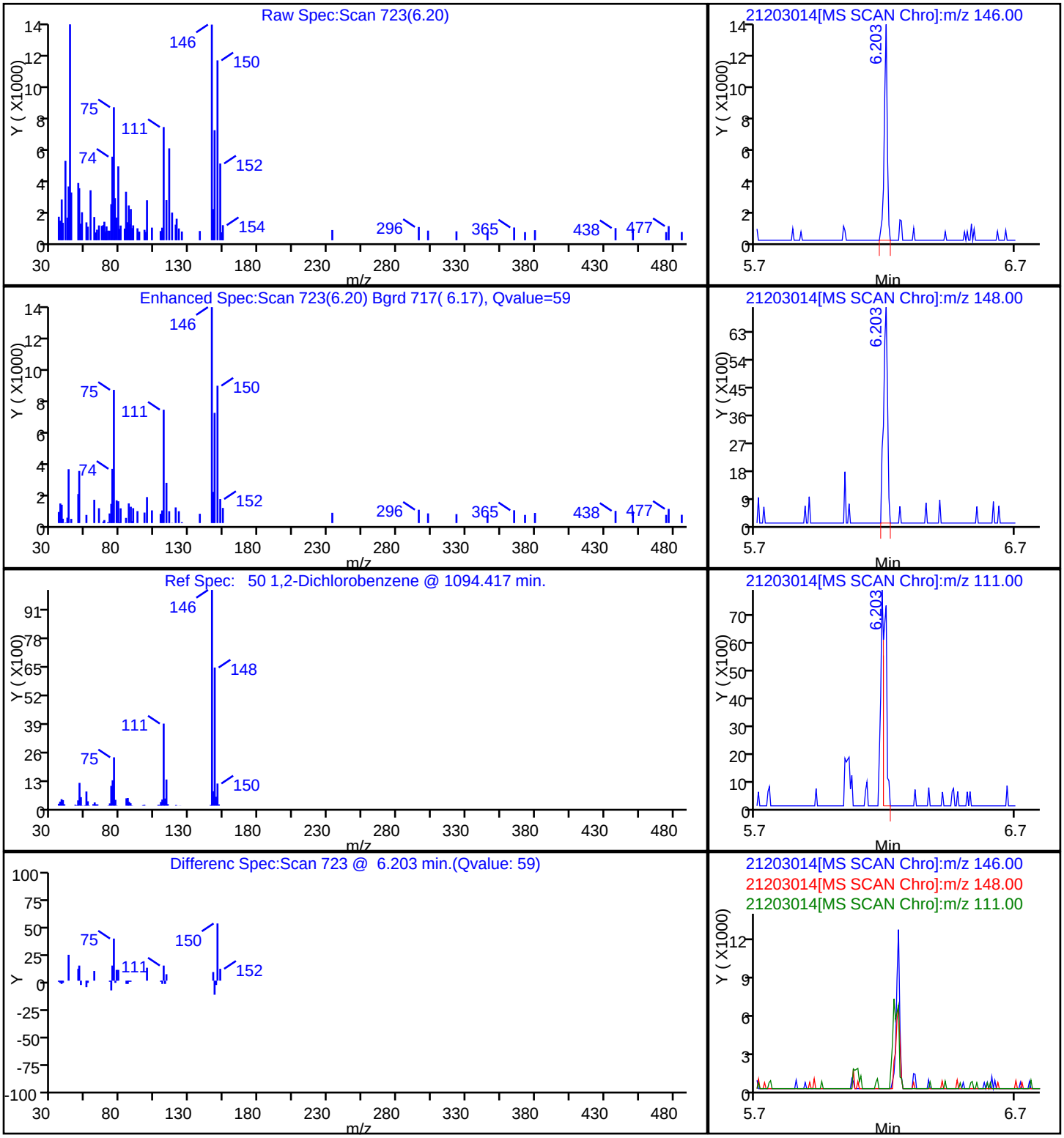
Report Date: 04-Dec-2012 09:30:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203014.D

Injection Date:	03-Dec-2012 16:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

50 1,2-Dichlorobenzene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-67436/23-A

Matrix: Solid | Lab File ID: 21207004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/07/2012 14:08

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.: 67729 | 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	27	U	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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-67436/23-A

Matrix: Solid | Lab File ID: 21207004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/07/2012 14:08

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.: 67729 | 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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-67436/23-A

Matrix: Solid | Lab File ID: 21207004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/07/2012 14:08

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.: 67729 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	65		45-105
367-12-4	2-Fluorophenol (Surr)	76		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	77		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125
4165-62-2	Phenol-d5 (Surr)	77		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207004.D
Lims ID: MB 240-67436/23-A Client ID:
Inject. Date: 07-Dec-2012 14:08:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015623-004
Misc. Info.: MB 240-67436/23-A =MB 240-67436/23-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67729 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 11:37:47 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 07-Dec-2012 14:43:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.951	5.949	0.002	86	127822	4.00	
* 2 Naphthalene-d8	136	7.067	7.066	0.001	98	524706	4.00	
* 3 Acenaphthene-d10	164	8.558	8.561	-0.003	63	339802	4.00	
* 4 Phenanthrene-d10	188	9.818	9.817	0.001	77	585620	4.00	
* 5 Chrysene-d12	240	12.383	12.381	0.002	77	583771	4.00	
* 6 Perylene-d12	264	14.466	14.470	-0.004	74	465793	4.00	
$ 7 2-Fluorophenol	112	4.701	4.688	0.013	92	573435	11.4	
$ 8 Phenol-d5	99	5.593	5.591	0.002	0	836706	11.5	
$ 9 Nitrobenzene-d5	82	6.431	6.435	-0.004	84	554439	6.90	
$ 10 2-Fluorobiphenyl (Surr)	172	7.970	7.974	-0.004	95	733669	6.50	
$ 11 2,4,6-Tribromophenol	330	9.225	9.224	0.001	88	114155	8.68	
$ 12 Terphenyl-d14	244	11.175	11.174	0.001	78	920506	7.70	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.418					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.899					
27 Pyridine	79		2.947					9
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.631					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.548					9
43 Phenol	94		5.602					9
44 Aniline	93		5.645					9
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.698					9
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.751					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.896					
48 1,4-Dichlorobenzene	146		5.965					
49 Benzyl alcohol	108		6.056					
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.099					
51 2-Methylphenol	108		6.147					9
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.179					9
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.280					
57 N-Nitrosodi-n-propylamine	70		6.291					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.296					9
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117		6.403					
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77		6.451					9
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
64 Isophorone	82		6.654					9
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139		6.729					
67 1,3,5-Trichlorobenzene	180		6.740					
65 2,4-Dimethylphenol	107		6.745					
140 Dimethoate	87		6.764					9
71 Benzoic acid	122		6.814					9
70 Bis(2-chloroethoxy)methane	93		6.831					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.932					
146 Disulfoton	88		7.010					9
74 1,2,4-Trichlorobenzene	180		7.012					
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.087					
76 4-Chloroaniline	127		7.114					
79 Hexachlorobutadiene	225		7.183					
80 1,2,3-Trichlorobenzene	180		7.204					
152 Methyl parathion	109		7.282					
84 Caprolactam	113		7.402					
86 4-Chloro-3-methylphenol	107		7.509					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.675					
88 1-Methylnaphthalene	142		7.760					
90 1,2,3,5-Tetrachlorobenzene	216		7.803					
89 Hexachlorocyclopentadiene	237		7.803					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196		7.899					
93 2,4,5-Trichlorophenol	196		7.931					
97 2,4-Toluene diamine	121		8.043					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.054					
98 1,1'-Biphenyl	154		8.065					
100 2-Chloronaphthalene	162		8.091					
226 Aramite Peak 1	185		8.131					
102 2-Nitroaniline	65		8.161					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.300					
107 2,6-Dinitrotoluene	165		8.358					
108 1,2-Dinitrobenzene	168		8.406					
109 Acenaphthylene	152		8.444					
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.503					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.588					
111 2,4-Dinitrophenol	184		8.593					
113 4-Nitrophenol	109		8.620					9
114 2,4-Dinitrotoluene	165		8.700					
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.732					
118 2,3,5,6-Tetrachlorophenol	232		8.791					
121 Diethyl phthalate	149		8.887					9
123 4-Chlorophenyl phenyl ether	204		9.005					
125 4-Nitroaniline	138		9.021					
126 Fluorene	166		9.021					
128 4,6-Dinitro-2-methylphenol	198		9.042					
131 N-Nitrosodiphenylamine	169		9.101					
133 Azobenzene	77		9.144					9
132 1,2-Diphenylhydrazine	77		9.144					9
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.421					
141 Hexachlorobenzene	284		9.486					
142 Atrazine	200		9.534					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.646					
148 Phenanthrene	178		9.838					9
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178		9.881					9
151 Carbazole	167		10.004					
154 Di-n-butyl phthalate	149		10.260					9
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.848					9
160 Benzidine	184		10.944					
161 Pyrene	202		11.061					
166 4,4'-DDE	246		11.111					9
165 4,4'-DDD	235		11.490					
168 Butyl benzyl phthalate	149		11.654					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.269					
175 3,3'-Dichlorobenzidine	252		12.312					
174 4,4'-Methylene bis(2-chloroanili	231		12.312					9
173 Bis(2-ethylhexyl) phthalate	149		12.333					9
177 Benzo[a]anthracene	228		12.370					9
178 Chrysene	228		12.418					9
180 Di-n-octyl phthalate	149		13.246					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252		13.887					
183 Benzo[k]fluoranthene	252		13.930					
184 Benzo[a]pyrene	252		14.390					9
188 Indeno[1,2,3-cd]pyrene	276		16.142					
189 Dibenz(a,h)anthracene	278		16.169					
190 Benzo[g,h,i]perylene	276		16.601					
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 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-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

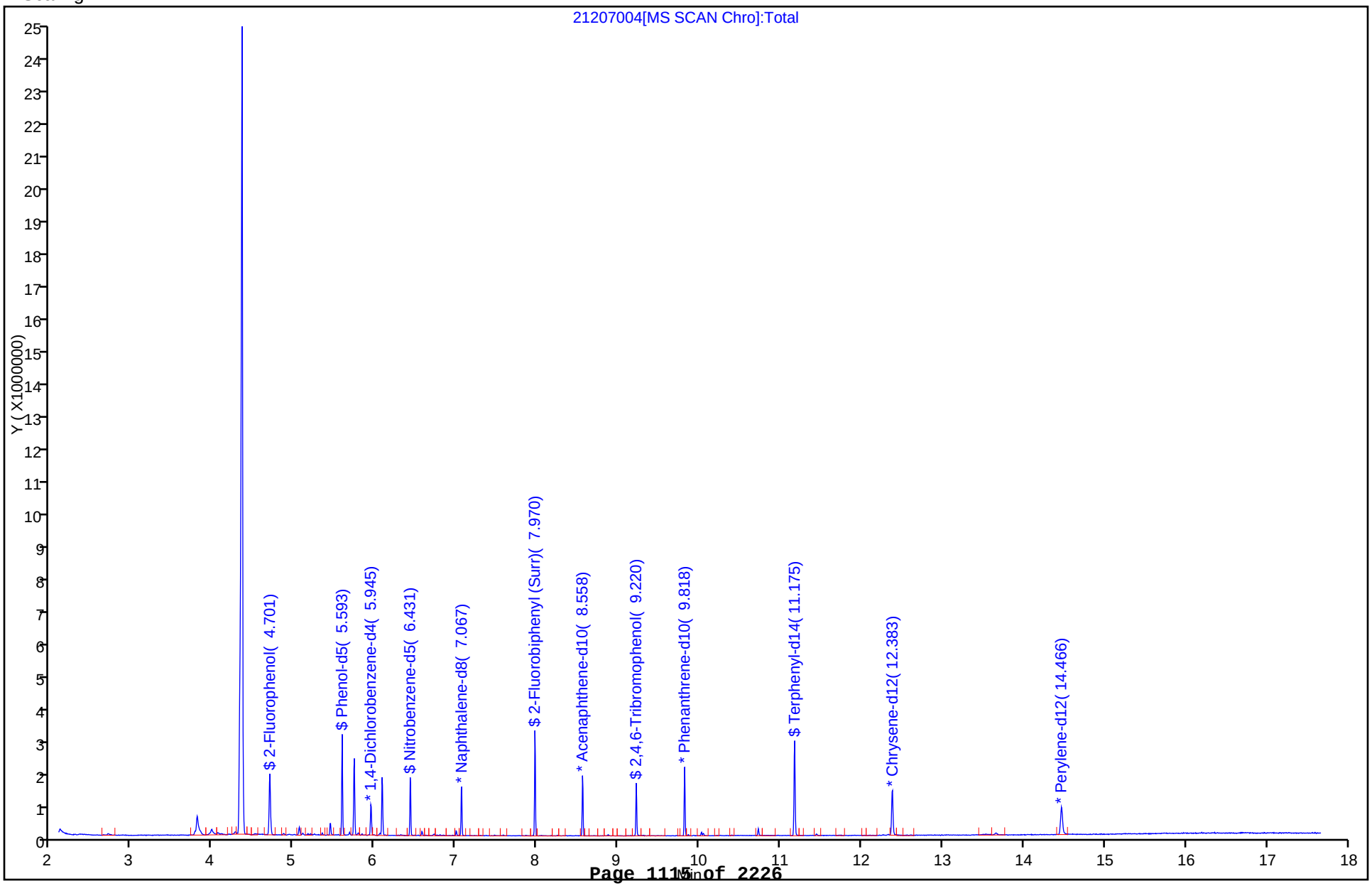
Report Date: 08-Dec-2012 11:37:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207004.D

Injection Date:	07-Dec-2012 14:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65933/24-A

Matrix: Solid | Lab File ID: 21203015.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 17:08

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.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	497		6.7	3.3	3.3
208-96-8	Acenaphthylene	494		6.7	3.3	3.3
120-12-7	Anthracene	487		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	485		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	451		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	502		6.7	3.3	3.3
65-85-0	Benzoic acid	502	J	660	330	330
207-08-9	Benzo[k]fluoranthene	513		6.7	3.3	3.3
100-51-6	Benzyl alcohol	455		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	489		100	27	22
111-44-4	Bis(2-chloroethyl)ether	475		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	467		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	518		50	27	19
101-55-3	4-Bromophenyl phenyl ether	523		50	27	13
85-68-7	Butyl benzyl phthalate	488		50	27	10
86-74-8	Carbazole	482		50	27	27
106-47-8	4-Chloroaniline	366		150	27	17
59-50-7	4-Chloro-3-methylphenol	495		150	27	21
91-58-7	2-Chloronaphthalene	485		50	3.3	3.3
95-57-8	2-Chlorophenol	474		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	508		50	27	13
218-01-9	Chrysene	521		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	503		6.7	3.3	3.3
132-64-9	Dibenzofuran	502		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	461		50	27	20
95-50-1	1,2-Dichlorobenzene	599		50	27	9.7
541-73-1	1,3-Dichlorobenzene	433		50	27	11
91-94-1	3,3'-Dichlorobenzidine	335		100	80	18
120-83-2	2,4-Dichlorophenol	495		150	27	20
84-66-2	Diethyl phthalate	514		50	27	16
105-67-9	2,4-Dimethylphenol	275		150	80	20
131-11-3	Dimethyl phthalate	508		50	27	17
84-74-2	Di-n-butyl phthalate	504		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65933/24-A

Matrix: Solid | Lab File ID: 21203015.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 17:08

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.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	428		150	80	80
51-28-5	2,4-Dinitrophenol	413		330	80	80
121-14-2	2,4-Dinitrotoluene	561		200	27	27
606-20-2	2,6-Dinitrotoluene	580		200	27	21
117-84-0	Di-n-octyl phthalate	476		50	27	27
206-44-0	Fluoranthene	501		6.7	3.3	3.3
86-73-7	Fluorene	504		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	494		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	465		50	27	27
77-47-4	Hexachlorocyclopentadiene	410		330	27	27
67-72-1	Hexachloroethane	433		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	502		6.7	3.3	3.3
78-59-1	Isophorone	483		50	27	13
91-57-6	2-Methylnaphthalene	488		6.7	3.3	3.3
95-48-7	2-Methylphenol	448		200	80	80
15831-10-4	3 & 4 Methylphenol	974		400	80	20
91-20-3	Naphthalene	477		6.7	3.3	3.3
88-74-4	2-Nitroaniline	516		200	27	9.1
99-09-2	3-Nitroaniline	453		200	80	16
100-01-6	4-Nitroaniline	492		200	27	26
98-95-3	Nitrobenzene	499		100	3.3	2.2
88-75-5	2-Nitrophenol	502		50	27	27
100-02-7	4-Nitrophenol	565		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	491		50	27	27
86-30-6	N-Nitrosodiphenylamine	484		50	27	21
87-86-5	Pentachlorophenol	385		150	80	80
85-01-8	Phenanthrene	498		6.7	3.3	3.3
108-95-2	Phenol	472		50	27	27
129-00-0	Pyrene	494		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	448		50	27	27
95-95-4	2,4,5-Trichlorophenol	474		150	27	25
88-06-2	2,4,6-Trichlorophenol	475		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65933/24-A

Matrix: Solid | Lab File ID: 21203015.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 17:08

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.: 67070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	68		45-105
367-12-4	2-Fluorophenol (Surr)	74		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	72		35-100
1718-51-0	Terphenyl-d14 (Surr)	77		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125
4165-62-2	Phenol-d5 (Surr)	75		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203015.D
Lims ID: LCS 240-65933/24-A Client ID:
Inject. Date: 03-Dec-2012 17:08:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015467-015
Misc. Info.: LCS 240-65933/24-A =LCS 240-65933/24-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67070 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 08:09:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.048	6.050	-0.002	80	148506	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	96	598299	4.00	
* 3 Acenaphthene-d10	164	8.649	8.652	-0.003	63	366348	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	77	660166	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	79	664965	4.00	
* 6 Perylene-d12	264	14.675	14.677	-0.002	88	519884	4.00	
$ 7 2-Fluorophenol	112	4.841	4.832	0.009	94	646900	11.1	
$ 8 Phenol-d5	99	5.690	5.687	0.003	0	949225	11.2	
$ 9 Nitrobenzene-d5	82	6.529	6.531	-0.002	83	657560	7.18	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.059	0.003	98	831822	6.84	
$ 11 2,4,6-Tribromophenol	330	9.317	9.319	-0.002	86	155062	10.9	
$ 12 Terphenyl-d14	244	11.288	11.291	-0.003	80	1045101	7.67	
31 2-Picoline	93		2.310					
25 1,4-Dioxane	88	2.789	2.807	-0.018	76	82193	2.85	
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74	3.270	3.272	-0.002	89	240633	6.35	
27 Pyridine	79	3.313	3.320	-0.007	93	395406	5.12	
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
41 Benzaldehyde	77	5.663	5.665	-0.002	83	496623	6.85	
43 Phenol	94	5.706	5.703	0.003	94	676832	7.08	
104 1,4-Dinitrobenzene	168		5.712					
44 Aniline	93	5.754	5.751	0.003	83	528374	4.42	
106 1,3-Dinitrobenzene	168		5.771					
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	95	525305	7.12	
46 2-Chlorophenol	128	5.861	5.858	0.003	83	385697	7.11	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	80	378496	6.49	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	77	407414	6.92	
49 Benzyl alcohol	108	6.155	6.157	-0.002	84	305037	6.82	
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	79	509388	8.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
119 2,3,4,6-Tetrachlorophenol	232		6.203					
51 2-Methylphenol	108	6.240	6.237	0.003	94	428563	6.72	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.274	-0.002	96	527056	7.01	
21 3 & 4 Methylphenol	108	6.368	6.365	0.003	94	991759	14.6	
57 N-Nitrosodi-n-propylamine	70	6.384	6.386	-0.002	71	492138	7.36	
58 Acetophenone	105	6.390	6.392	-0.002	69	672640	6.83	
61 Hexachloroethane	117	6.502	6.504	-0.002	90	178987	6.50	
62 Nitrobenzene	77	6.545	6.547	-0.002	77	720777	7.48	
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.742	6.744	-0.002	94	1274613	7.25	
66 2-Nitrophenol	139	6.817	6.819	-0.002	82	198068	7.54	
65 2,4-Dimethylphenol	107	6.828	6.830	-0.002	95	304450	4.12	
71 Benzoic acid	122	6.865	6.889	-0.024	78	203643	7.54	
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	97	659869	7.34	
144 Pronamide	173		6.919					9
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	90	314576	7.42	
74 1,2,4-Trichlorobenzene	180	7.100	7.102	-0.002	76	351967	6.71	
75 Naphthalene	128	7.175	7.177	-0.002	81	1174524	7.15	
76 4-Chloroaniline	127	7.202	7.204	-0.002	78	357259	5.50	
79 Hexachlorobutadiene	225	7.266	7.268	-0.002	85	199516	6.98	
84 Caprolactam	113	7.480	7.487	-0.007	76	131746	7.62	
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	81	461852	7.43	
87 2-Methylnaphthalene	142	7.763	7.759	0.004	86	754674	7.33	
88 1-Methylnaphthalene	142	7.848	7.850	-0.002	80	722336	7.25	
89 Hexachlorocyclopentadiene	237	7.891	7.893	-0.002	81	181141	6.15	
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	82	226109	7.13	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	89	248301	7.11	
98 1,1'-Biphenyl	154	8.147	8.149	-0.002	95	959915	7.25	
100 2-Chloronaphthalene	162	8.179	8.181	-0.002	91	735414	7.28	
102 2-Nitroaniline	65	8.249	8.246	0.003	72	364060	7.74	
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.388	8.384	0.004	92	906974	7.62	
107 2,6-Dinitrotoluene	165	8.446	8.443	0.003	72	215369	8.70	
108 1,2-Dinitrobenzene	168	8.495	8.497	-0.002	79	97568	8.02	
109 Acenaphthylene	152	8.532	8.534	-0.002	87	1194362	7.41	
110 3-Nitroaniline	138	8.591	8.593	-0.002	82	180877	6.79	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	47	83628	6.19	
112 Acenaphthene	153	8.676	8.678	-0.002	89	761952	7.46	
113 4-Nitrophenol	109	8.698	8.700	-0.002	74	165947	8.47	
114 2,4-Dinitrotoluene	165	8.788	8.785	0.003	78	279367	8.41	
116 Dibenzofuran	168	8.826	8.822	0.004	84	1109931	7.53	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.881	-0.002	85	187859	6.48	
121 Diethyl phthalate	149	8.975	8.977	-0.002	94	908276	7.71	
123 4-Chlorophenyl phenyl ether	204	9.098	9.100	-0.002	86	482314	7.61	
125 4-Nitroaniline	138	9.109	9.111	-0.002	75	206970	7.38	
126 Fluorene	166	9.114	9.116	-0.002	70	944259	7.56	
128 4,6-Dinitro-2-methylphenol	198	9.130	9.132	-0.002	72	152035	6.42	
131 N-Nitrosodiphenylamine	169	9.194	9.191	0.003	94	662157	7.26	
133 Azobenzene	77	9.232	9.234	-0.002	93	1701696	7.66	
132 1,2-Diphenylhydrazine	77	9.232	9.234	-0.002	100	1702024	7.66	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	68	261040	7.84	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Hexachlorobenzene	284	9.579	9.581	-0.002	72	249101	7.42	
142 Atrazine	200	9.622	9.624	-0.002	72	277633	9.56	
143 Pentachlorophenol	266	9.739	9.741	-0.002	80	133253	5.77	
148 Phenanthrene	178	9.937	9.939	-0.002	83	1472992	7.47	
149 Anthracene	178	9.980	9.982	-0.002	84	1442031	7.30	
151 Carbazole	167	10.103	10.105	-0.002	62	1279047	7.23	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	100	1643394	7.56	
159 Fluoranthene	202	10.957	10.959	-0.002	78	1693024	7.52	
161 Pyrene	202	11.176	11.178	-0.002	73	1704041	7.41	
168 Butyl benzyl phthalate	149	11.785	11.787	-0.002	85	672339	7.32	
175 3,3'-Dichlorobenzidine	252	12.464	12.466	-0.002	62	371364	5.03	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1062120	7.77	
177 Benzo[a]anthracene	228	12.523	12.525	-0.003	80	1505914	7.27	
178 Chrysene	228	12.571	12.573	-0.002	87	1483877	7.82	
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	98	1518332	7.14	
182 Benzo[b]fluoranthene	252	14.077	14.079	-0.002	87	1347478	7.48	
183 Benzo[k]fluoranthene	252	14.120	14.122	-0.002	80	1427088	7.70	
184 Benzo[a]pyrene	252	14.590	14.597	-0.007	77	1151948	6.77	
188 Indeno[1,2,3-cd]pyrene	276	16.396	16.403	-0.007	81	1406771	7.53	
189 Dibenz(a,h)anthracene	278	16.422	16.430	-0.008	50	1156788	7.54	
190 Benzo[g,h,i]perylene	276	16.876	16.889	-0.013	79	1182198	7.53	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

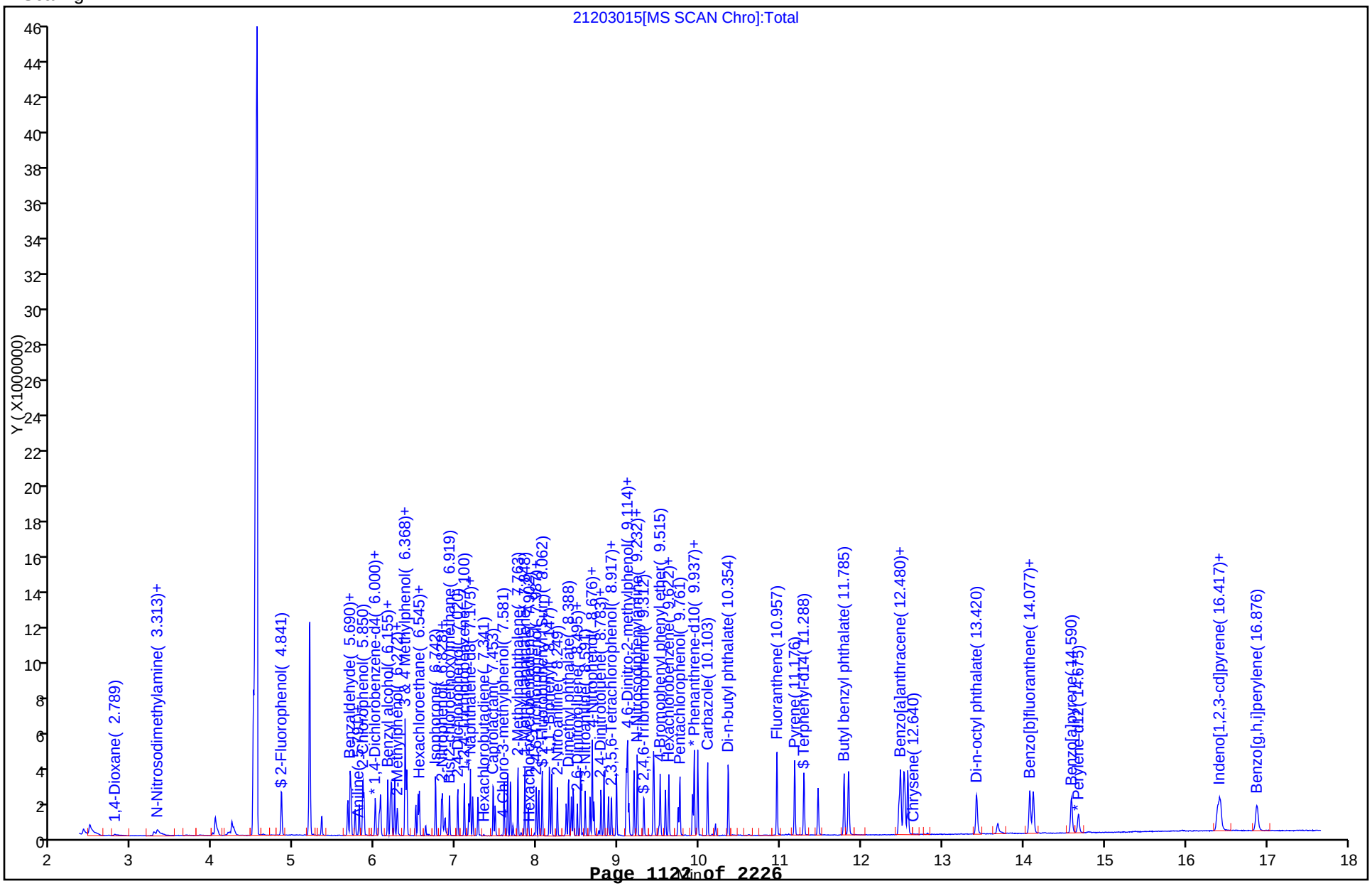
Report Date: 04-Dec-2012 09:30:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203015.D

Injection Date:	03-Dec-2012 17:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	15
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-67436/24-A

Matrix: Solid | Lab File ID: 21207005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/07/2012 14:33

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.: 67729 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	455		6.7	3.3	3.3
208-96-8	Acenaphthylene	474		6.7	3.3	3.3
120-12-7	Anthracene	500		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	486		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	455		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	485		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	526		6.7	3.3	3.3
65-85-0	Benzoic acid	381	J	660	330	330
207-08-9	Benzo[k]fluoranthene	501		6.7	3.3	3.3
100-51-6	Benzyl alcohol	494		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	444		100	27	22
111-44-4	Bis(2-chloroethyl)ether	483		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	494		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	440		50	27	19
101-55-3	4-Bromophenyl phenyl ether	552		50	27	13
85-68-7	Butyl benzyl phthalate	464		50	27	10
86-74-8	Carbazole	491		50	27	27
106-47-8	4-Chloroaniline	347		150	27	17
59-50-7	4-Chloro-3-methylphenol	475		150	27	21
91-58-7	2-Chloronaphthalene	464		50	3.3	3.3
95-57-8	2-Chlorophenol	497		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	505		50	27	13
218-01-9	Chrysene	521		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	515		6.7	3.3	3.3
132-64-9	Dibenzofuran	474		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	476		50	27	20
95-50-1	1,2-Dichlorobenzene	468		50	27	9.7
541-73-1	1,3-Dichlorobenzene	481		50	27	11
91-94-1	3,3'-Dichlorobenzidine	334		100	80	18
120-83-2	2,4-Dichlorophenol	495		150	27	20
84-66-2	Diethyl phthalate	477		50	27	16
105-67-9	2,4-Dimethylphenol	262		150	80	20
131-11-3	Dimethyl phthalate	489		50	27	17
84-74-2	Di-n-butyl phthalate	480		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-67436/24-A

Matrix: Solid | Lab File ID: 21207005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/07/2012 14:33

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.: 67729 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	476		150	80	80
51-28-5	2,4-Dinitrophenol	367		330	80	80
121-14-2	2,4-Dinitrotoluene	552		200	27	27
606-20-2	2,6-Dinitrotoluene	549		200	27	21
117-84-0	Di-n-octyl phthalate	426		50	27	27
206-44-0	Fluoranthene	511		6.7	3.3	3.3
86-73-7	Fluorene	468		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	511		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	439		50	27	27
77-47-4	Hexachlorocyclopentadiene	384		330	27	27
67-72-1	Hexachloroethane	457		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	502		6.7	3.3	3.3
78-59-1	Isophorone	442		50	27	13
91-57-6	2-Methylnaphthalene	479		6.7	3.3	3.3
95-48-7	2-Methylphenol	482		200	80	80
15831-10-4	3 & 4 Methylphenol	1020		400	80	20
91-20-3	Naphthalene	460		6.7	3.3	3.3
88-74-4	2-Nitroaniline	493		200	27	9.1
99-09-2	3-Nitroaniline	477		200	80	16
100-01-6	4-Nitroaniline	541		200	27	26
98-95-3	Nitrobenzene	442		100	3.3	2.2
88-75-5	2-Nitrophenol	501		50	27	27
100-02-7	4-Nitrophenol	502		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	480		50	27	27
86-30-6	N-Nitrosodiphenylamine	499		50	27	21
87-86-5	Pentachlorophenol	337		150	80	80
85-01-8	Phenanthrene	494		6.7	3.3	3.3
108-95-2	Phenol	512		50	27	27
129-00-0	Pyrene	487		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	452		50	27	27
95-95-4	2,4,5-Trichlorophenol	482		150	27	25
88-06-2	2,4,6-Trichlorophenol	464		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-67436/24-A

Matrix: Solid | Lab File ID: 21207005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/07/2012 14:33

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.: 67729 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	63		45-105
367-12-4	2-Fluorophenol (Surr)	76		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	65		35-100
1718-51-0	Terphenyl-d14 (Surr)	75		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	78		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207005.D
Lims ID: LCS 240-67436/24-A Client ID:
Inject. Date: 07-Dec-2012 14:33:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015623-005
Misc. Info.: LCS 240-67436/24-A =LCS 240-67436/24-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67729 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 11:37:47 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 08-Dec-2012 10:51:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.945	5.949	-0.005	86	121871	4.00	
* 2 Naphthalene-d8	136	7.066	7.066	0.0	99	522204	4.00	
* 3 Acenaphthene-d10	164	8.557	8.561	-0.004	68	328438	4.00	
* 4 Phenanthrene-d10	188	9.818	9.817	0.001	77	576794	4.00	
* 5 Chrysene-d12	240	12.382	12.381	0.001	73	590901	4.00	
* 6 Perylene-d12	264	14.471	14.470	0.001	80	473235	4.00	
$ 7 2-Fluorophenol	112	4.700	4.688	0.012	94	549432	11.5	
$ 8 Phenol-d5	99	5.592	5.591	0.001	0	806303	11.6	
$ 9 Nitrobenzene-d5	82	6.436	6.435	0.001	81	522210	6.53	
$ 10 2-Fluorobiphenyl (Surr)	172	7.969	7.974	-0.005	94	691580	6.34	
$ 11 2,4,6-Tribromophenol	330	9.225	9.224	0.001	90	150691	11.8	
$ 12 Terphenyl-d14	244	11.174	11.174	0.0	79	913538	7.55	
31 2-Picoline	93		2.310					
25 1,4-Dioxane	88	2.403	2.418	-0.015	78	86348	3.65	M
26 N-Nitrosodimethylamine	74	2.894	2.899	-0.005	78	243924	7.85	
27 Pyridine	79	2.942	2.947	-0.005	89	342880	5.41	M
37 Ethyl methanesulfonate	79		3.105					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
41 Benzaldehyde	77	5.549	5.548	0.001	85	409994	6.90	
43 Phenol	94	5.608	5.602	0.006	93	602684	7.68	
44 Aniline	93	5.645	5.645	0.0	94	418157	4.27	
69 Bis(2-chloroethyl)ether	93	5.699	5.698	0.001	95	438323	7.24	
104 1,4-Dinitrobenzene	168		5.712					
46 2-Chlorophenol	128	5.758	5.751	0.007	86	331446	7.45	
106 1,3-Dinitrobenzene	168		5.771					
47 1,3-Dichlorobenzene	146	5.896	5.896	0.0	87	344954	7.21	
48 1,4-Dichlorobenzene	146	5.966	5.965	0.001	79	345009	7.14	
49 Benzyl alcohol	108	6.057	6.056	0.001	84	271710	7.41	
50 1,2-Dichlorobenzene	146	6.099	6.099	0.0	78	326710	7.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
51 2-Methylphenol	108	6.148	6.147	0.001	94	377984	7.22	
53 2,2'-oxybis[1-chloropropane]	45	6.180	6.179	0.001	94	457210	7.41	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
21 3 & 4 Methylphenol	108	6.281	6.280	0.001	94	852844	15.3	
57 N-Nitrosodi-n-propylamine	70	6.292	6.291	0.001	72	394737	7.19	
58 Acetophenone	105	6.297	6.296	0.001	88	552839	6.84	
61 Hexachloroethane	117	6.404	6.403	0.001	90	154867	6.85	
62 Nitrobenzene	77	6.452	6.451	0.001	72	557817	6.63	
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.655	6.654	0.001	95	1016458	6.62	
66 2-Nitrophenol	139	6.730	6.729	0.001	93	172447	7.52	
65 2,4-Dimethylphenol	107	6.746	6.745	0.001	82	252803	3.92	
71 Benzoic acid	122	6.783	6.814	-0.031	78	123134	5.71	
70 Bis(2-chloroethoxy)methane	93	6.831	6.831	0.001	95	523112	6.66	
144 Pronamide	173		6.919					9
73 2,4-Dichlorophenol	162	6.933	6.932	0.001	93	274773	7.43	
74 1,2,4-Trichlorobenzene	180	7.013	7.012	0.001	78	310221	6.78	
75 Naphthalene	128	7.082	7.087	-0.005	81	989676	6.90	
76 4-Chloroaniline	127	7.114	7.114	0.0	78	295307	5.21	
79 Hexachlorobutadiene	225	7.179	7.183	-0.004	87	164317	6.58	
84 Caprolactam	113	7.387	7.402	-0.015	79	134151	8.89	
86 4-Chloro-3-methylphenol	107	7.510	7.509	0.001	80	386490	7.12	
87 2-Methylnaphthalene	142	7.670	7.675	-0.005	85	645368	7.18	
88 1-Methylnaphthalene	142	7.755	7.760	-0.005	79	612675	7.04	
89 Hexachlorocyclopentadiene	237	7.798	7.803	-0.005	86	152207	5.76	
92 2,4,6-Trichlorophenol	196	7.900	7.899	0.001	83	197757	6.95	
93 2,4,5-Trichlorophenol	196	7.932	7.931	0.001	90	226319	7.23	
98 1,1'-Biphenyl	154	8.060	8.065	-0.005	95	779772	6.57	
100 2-Chloronaphthalene	162	8.087	8.091	-0.004	93	629547	6.95	
102 2-Nitroaniline	65	8.161	8.161	0.0	74	311507	7.39	
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163	8.300	8.300	0.0	93	782196	7.33	
107 2,6-Dinitrotoluene	165	8.354	8.358	-0.004	77	182702	8.23	
108 1,2-Dinitrobenzene	168	8.407	8.406	0.001	75	83972	7.70	
109 Acenaphthylene	152	8.445	8.444	0.001	87	1027546	7.11	
110 3-Nitroaniline	138	8.503	8.503	0.0	85	170798	7.16	
112 Acenaphthene	153	8.589	8.588	0.001	91	625334	6.83	
111 2,4-Dinitrophenol	184	8.589	8.593	-0.004	49	63839	5.51	
113 4-Nitrophenol	109	8.616	8.620	-0.004	85	132181	7.53	
114 2,4-Dinitrotoluene	165	8.696	8.700	-0.004	74	246727	8.29	
116 Dibenzofuran	168	8.733	8.732	0.001	85	940845	7.12	
118 2,3,5,6-Tetrachlorophenol	232	8.787	8.791	-0.004	78	164877	6.35	
121 Diethyl phthalate	149	8.888	8.887	0.001	95	756401	7.16	
123 4-Chlorophenyl phenyl ether	204	9.006	9.005	0.001	89	430371	7.58	
125 4-Nitroaniline	138	9.016	9.021	-0.005	81	204059	8.12	
126 Fluorene	166	9.022	9.021	0.001	71	784962	7.01	
128 4,6-Dinitro-2-methylphenol	198	9.043	9.042	0.001	80	149602	7.15	
131 N-Nitrosodiphenylamine	169	9.102	9.101	0.001	92	596564	7.49	
133 Azobenzene	77	9.139	9.144	-0.005	93	1338492	6.90	
132 1,2-Diphenylhydrazine	77	9.139	9.144	-0.005	100	1338251	6.90	
139 4-Bromophenyl phenyl ether	248	9.422	9.421	0.001	63	240885	8.28	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Hexachlorobenzene	284	9.486	9.486	0.0	80	224827	7.66	
142 Atrazine	200	9.529	9.534	-0.005	82	233789	9.22	
143 Pentachlorophenol	266	9.647	9.646	0.001	83	100453	5.05	
148 Phenanthrene	178	9.839	9.838	0.001	81	1277001	7.41	
149 Anthracene	178	9.882	9.881	0.001	83	1294439	7.50	
151 Carbazole	167	10.005	10.004	0.001	61	1139557	7.37	
154 Di-n-butyl phthalate	149	10.261	10.260	0.001	100	1366998	7.20	
159 Fluoranthene	202	10.849	10.848	0.001	77	1506676	7.66	
161 Pyrene	202	11.062	11.061	0.001	77	1493139	7.30	
168 Butyl benzyl phthalate	149	11.655	11.654	0.001	86	567856	6.96	
175 3,3'-Dichlorobenzidine	252	12.312	12.312	0.0	60	328882	5.01	
173 Bis(2-ethylhexyl) phthalate	149	12.328	12.333	-0.005	95	800703	6.59	
177 Benzo[a]anthracene	228	12.366	12.370	-0.004	79	1340421	7.28	
178 Chrysene	228	12.414	12.418	-0.004	78	1319467	7.82	
180 Di-n-octyl phthalate	149	13.247	13.246	0.001	99	1222596	6.39	
182 Benzo[b]fluoranthene	252	13.883	13.887	-0.004	77	1192345	7.27	
183 Benzo[k]fluoranthene	252	13.926	13.930	-0.004	75	1267341	7.51	
184 Benzo[a]pyrene	252	14.385	14.390	-0.005	75	1056873	6.83	
188 Indeno[1,2,3-cd]pyrene	276	16.143	16.142	0.001	82	1279708	7.52	
189 Dibenz(a,h)anthracene	278	16.169	16.169	0.0	67	1077778	7.72	
190 Benzo[g,h,i]perylene	276	16.597	16.601	-0.004	85	1127205	7.89	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

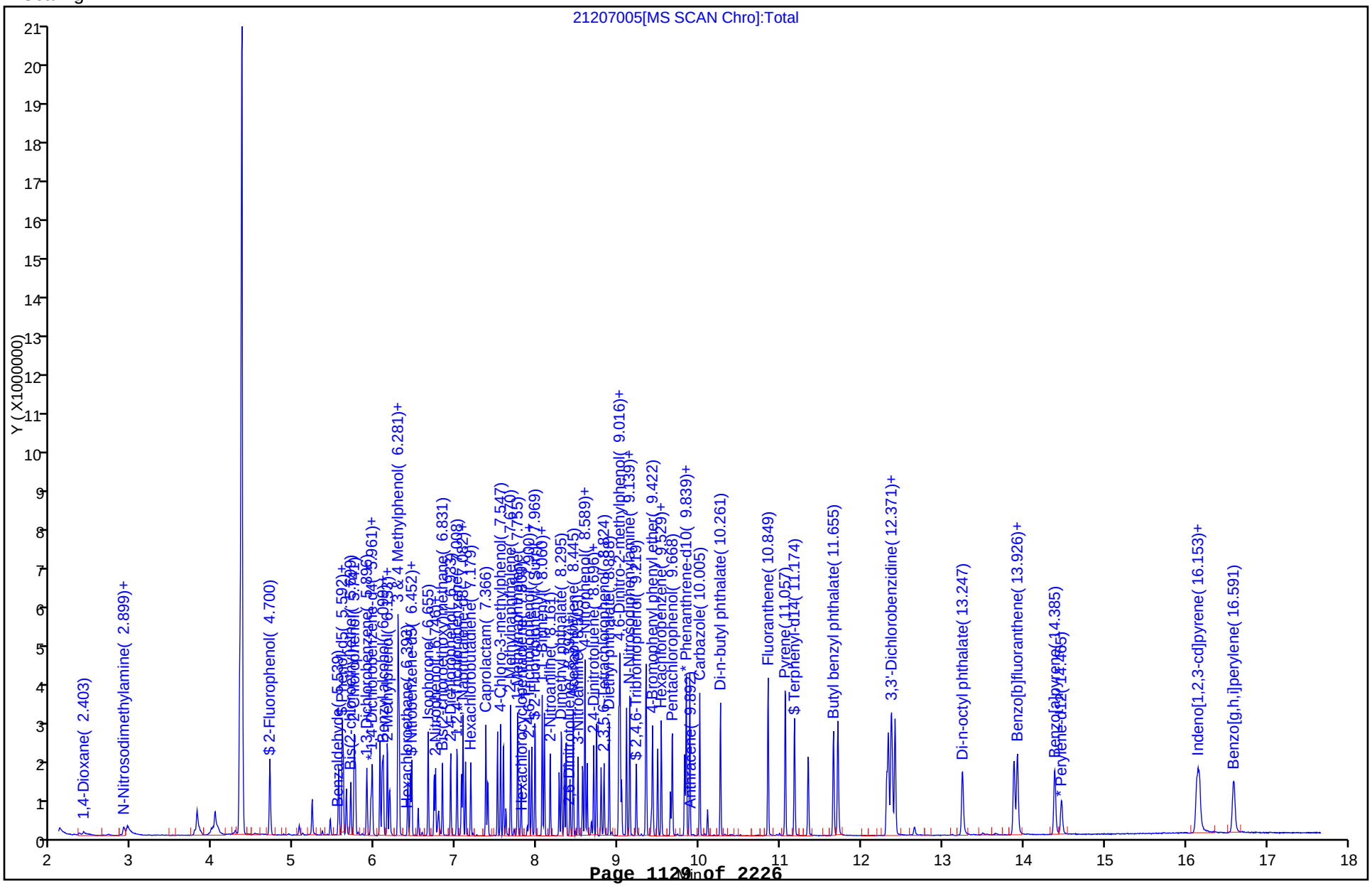
Review Flags
M - Manually Integrated

Report Date: 08-Dec-2012 11:37:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207005.D		
Injection Date:	07-Dec-2012 14:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67070/13

Matrix: Solid | Lab File ID: 21203013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 16:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.89		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.98		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.05		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	4.94		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.94		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.87		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.95	M	0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.09		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.96		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.75		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.14		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.57		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.12		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.85		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.70		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.99		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.87		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.95		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.94		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.85		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.92		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.89		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.90		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.89		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.05		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	4.92		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.80		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	4.82		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.94		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.85		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.87		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.93		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67070/13

Matrix: Solid | Lab File ID: 21203013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 16:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.22		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.99		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.75		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.91		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.84		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.97		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.96		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.84		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.95		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.00		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.71		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.86		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.04		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.97		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.70		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.00		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.14		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.85		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.74		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	4.95		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.53		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	4.95		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.90		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.60		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.73		0.00020	0.00010	0.00010
108-95-2	Phenol	5.09		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.87		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.74		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.94		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.16		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67070/13

Matrix: Solid | Lab File ID: 21203013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 16:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	94		50-150
367-12-4	2-Fluorophenol (Surr)	100		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	98		50-150
1718-51-0	Terphenyl-d14 (Surr)	93		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	101		50-150
4165-62-2	Phenol-d5 (Surr)	101	Q	50-150

Report Date: 04-Dec-2012 08:09:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203013.D
Lims ID: mrl qc Client ID:
Inject. Date: 03-Dec-2012 16:18:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015467-013
Misc. Info.: MRL QC =MRL QC
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67070 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:09:39 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 08:06:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.052	6.050	0.002	79	171464	4.00	
* 2 Naphthalene-d8	136	7.157	7.156	0.001	98	713458	4.00	
* 3 Acenaphthene-d10	164	8.653	8.652	0.001	79	437258	4.00	
* 4 Phenanthrene-d10	188	9.914	9.918	-0.004	77	775651	4.00	
* 5 Chrysene-d12	240	12.537	12.541	-0.004	75	807050	4.00	
* 6 Perylene-d12	264	14.679	14.677	0.002	88	626925	4.00	
$ 7 2-Fluorophenol	112	4.828	4.832	-0.004	93	336426	4.99	
$ 8 Phenol-d5	99	5.688	5.687	0.001	0	493745	5.07	
$ 9 Nitrobenzene-d5	82	6.527	6.531	-0.004	82	534761	4.90	
$ 10 2-Fluorobiphenyl (Surr)	172	8.060	8.059	0.001	98	682101	4.70	
$ 11 2,4,6-Tribromophenol	330	9.316	9.319	-0.003	74	85826	5.07	
$ 12 Terphenyl-d14	244	11.292	11.291	0.001	96	766677	4.64	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					9
25 1,4-Dioxane	88	2.804	2.807	-0.003	83	177153	5.32	
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74	3.279	3.272	0.007	81	212971	4.87	
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.322	3.320	0.002	93	457556	5.13	
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.877	3.876	0.001	77	440761	5.09	
232 1-Methyl-2-pyrrilidinone	99		3.880					1
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.219	4.218	0.001	81	151801	4.80	
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.662	5.665	-0.003	83	411609	4.75	
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94	5.699	5.703	-0.004	91	561442	5.09	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93	5.752	5.751	0.001	82	686548	4.98	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93	5.800	5.804	-0.004	89	438120	5.14	
46 2-Chlorophenol	128	5.859	5.858	0.001	89	309922	4.95	
47 1,3-Dichlorobenzene	146	6.003	6.002	0.001	80	339693	5.05	
48 1,4-Dichlorobenzene	146	6.068	6.066	0.002	77	333181	4.90	
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108	6.153	6.157	-0.004	84	256090	4.96	
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146	6.201	6.199	0.002	75	319805	4.89	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
51 2-Methylphenol	108	6.239	6.237	0.002	93	370908	5.04	
53 2,2'-oxybis[1-chloropropane]	45	6.271	6.274	-0.003	96	445437	5.13	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.367	6.365	0.002	90	389556	4.97	
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70	6.383	6.386	-0.003	68	382150	4.95	
58 Acetophenone	105	6.393	6.392	0.001	78	560956	4.93	
130 Diphenylamine	169		6.428					9
61 Hexachloroethane	117	6.500	6.504	-0.004	89	157504	4.95	
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77	6.543	6.547	-0.004	74	544856	4.74	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
64 Isophorone	82	6.746	6.744	0.002	95	986454	4.71	
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139	6.821	6.819	0.002	84	155139	4.95	
65 2,4-Dimethylphenol	107	6.826	6.830	-0.004	93	424487	4.82	
67 1,3,5-Trichlorobenzene	180	6.832	6.830	0.002	77	311356	4.84	
71 Benzoic acid	122	6.869	6.889	-0.020	82	342811	9.95	M
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93	6.917	6.915	0.002	93	509852	4.75	
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162	7.019	7.017	0.001	85	242506	4.80	
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180	7.099	7.102	-0.003	78	296513	4.74	
75 Naphthalene	128	7.173	7.177	-0.004	80	921139	4.70	
76 4-Chloroaniline	127	7.205	7.204	0.001	77	374018	4.83	
79 Hexachlorobutadiene	225	7.270	7.268	0.002	86	169030	4.96	
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180	7.296	7.295	0.001	80	279091	0	
84 Caprolactam	113	7.478	7.487	-0.009	71	114643	5.56	
155 Ethyl Parathion	97		7.560					9
86 4-Chloro-3-methylphenol	107	7.590	7.594	-0.004	77	370100	4.99	
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142	7.761	7.759	0.002	80	596833	4.86	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.847	7.850	-0.003	78	581581	4.89	
90 1,2,3,5-Tetrachlorobenzene	216	7.889	7.888	0.001	83	306135	5.02	
89 Hexachlorocyclopentadiene	237	7.889	7.893	-0.004	71	170064	4.84	
92 2,4,6-Trichlorophenol	196	7.985	7.989	-0.004	86	195174	5.16	
93 2,4,5-Trichlorophenol	196	8.017	8.016	0.001	89	205622	4.94	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.130	8.133	-0.003	96	151373	4.33	
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					
98 1,1'-Biphenyl	154	8.151	8.149	0.002	95	805597	5.10	
100 2-Chloronaphthalene	162	8.178	8.181	-0.003	97	587183	4.87	
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65	8.247	8.246	0.001	69	280796	5.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.386	8.384	0.002	92	702029	4.94	
107 2,6-Dinitrotoluene	165	8.445	8.443	0.002	72	147419	4.99	
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168	8.493	8.497	-0.004	73	77419	5.33	
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152	8.536	8.534	0.002	86	958114	4.98	
110 3-Nitroaniline	138	8.589	8.593	-0.004	75	163460	5.14	
111 2,4-Dinitrophenol	184	8.675	8.678	-0.003	64	182060	9.93	
112 Acenaphthene	153	8.680	8.678	0.002	86	596907	4.89	
113 4-Nitrophenol	109	8.696	8.700	-0.004	81	129280	5.53	
171 2-Acetylaminofluorene	181		8.713					9
114 2,4-Dinitrotoluene	165	8.787	8.785	0.002	73	206986	5.22	
116 Dibenzofuran	168	8.824	8.822	0.002	84	861287	4.89	
118 2,3,5,6-Tetrachlorophenol	232	8.878	8.881	-0.003	82	179831	5.20	
121 Diethyl phthalate	149	8.979	8.977	0.002	94	689956	4.91	
123 4-Chlorophenyl phenyl ether	204	9.097	9.100	-0.003	88	373671	4.94	
125 4-Nitroaniline	138	9.107	9.111	-0.004	75	162276	4.85	
126 Fluorene	166	9.113	9.116	-0.003	61	720492	4.84	
128 4,6-Dinitro-2-methylphenol	198	9.134	9.132	0.002	71	130371	4.87	
131 N-Nitrosodiphenylamine	169	9.193	9.191	0.002	94	525294	4.90	
176 Hexabromobenzene	232	9.134	9.208	-0.074	1	501	0	
133 Azobenzene	77	9.235	9.234	0.001	94	1292537	4.95	
132 1,2-Diphenylhydrazine	77	9.235	9.234	0.001	100	1292611	4.95	
139 4-Bromophenyl phenyl ether	248	9.519	9.517	0.002	65	200438	5.12	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.583	9.581	0.002	79	196278	4.97	
142 Atrazine	200	9.625	9.624	0.001	85	193333	5.67	
143 Pentachlorophenol	266	9.738	9.741	-0.003	77	271309	9.60	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.935	9.939	-0.004	81	1095246	4.73	
149 Anthracene	178	9.978	9.982	-0.004	82	1172260	5.05	
150 DFTPP								
151 Carbazole	167	10.101	10.105	-0.004	79	977269	4.70	
154 Di-n-butyl phthalate	149	10.357	10.356	0.001	99	1239572	4.85	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.956	10.959	-0.003	78	1299521	4.91	
160 Benzidine	184	11.052	11.050	0.002	85	590124	4.36	
161 Pyrene	202	11.175	11.178	-0.003	72	1358523	4.87	
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149	11.784	11.787	-0.003	84	540299	4.85	
186 Dibenz[a,j]acridine	279		11.804					9
170 4,4'-DDT	235		11.922					9
172 3,3'-Dimethoxybenzidine	244	12.414	12.418	-0.004	83	248025	4.25	
174 4,4'-Methylene bis(2-chloroanili	231	12.462	12.466	-0.004	68	215816	4.79	
175 3,3'-Dichlorobenzidine	252	12.462	12.466	-0.004	72	440342	4.92	
173 Bis(2-ethylhexyl) phthalate	149	12.478	12.482	-0.004	93	757410	4.57	
177 Benzo[a]anthracene	228	12.521	12.525	-0.004	83	1216333	4.84	
178 Chrysene	228	12.574	12.573	0.001	83	1118669	4.85	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.418	13.422	-0.004	98	1172675	4.75	
182 Benzo[b]fluoranthene	252	14.075	14.079	-0.004	86	1073621	4.94	
183 Benzo[k]fluoranthene	252	14.118	14.122	-0.004	76	1138517	5.09	
184 Benzo[a]pyrene	252	14.588	14.597	-0.009	75	1012627	4.94	
188 Indeno[1,2,3-cd]pyrene	276	16.394	16.403	-0.009	81	1126514	5.00	
189 Dibenz(a,h)anthracene	278	16.426	16.430	-0.004	66	909295	4.92	
190 Benzo[g,h,i]perylene	276	16.880	16.889	-0.009	73	921344	4.87	
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					1
T 235 4-isopropylphenol TIC	121		4.756					
T 236 3-isopropylphenol TIC	121		4.756					
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					
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					
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

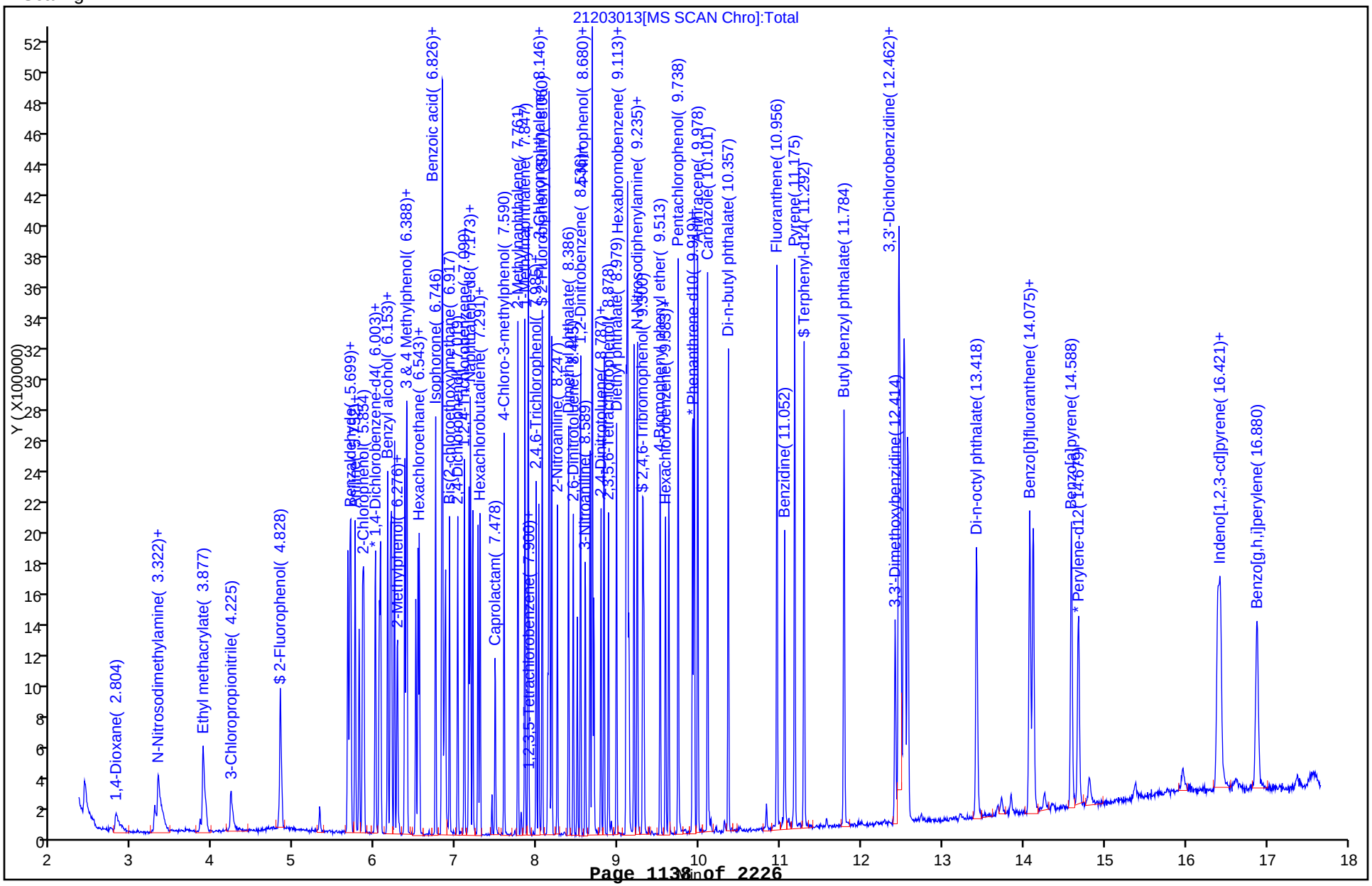
Report Date: 04-Dec-2012 08:09:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203013.D

Injection Date:	03-Dec-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	13
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

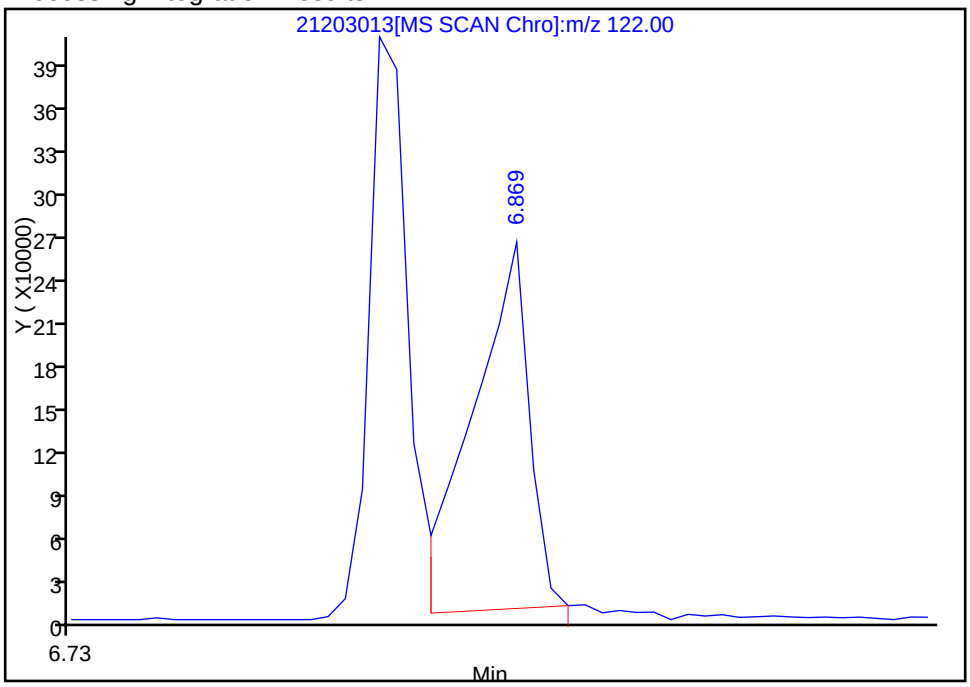
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203013.D		
Injection Date:	03-Dec-2012 16:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	13
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: 6.89

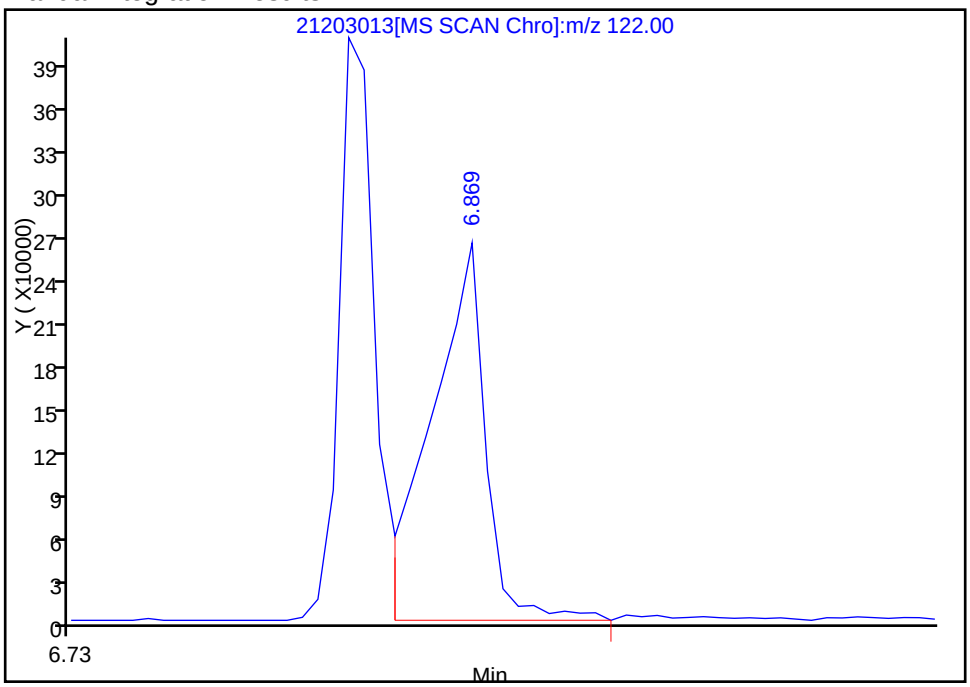
Processing Integration Results

RT: 6.87
Response: 312557
Amount: 9.223663



Manual Integration Results

RT: 6.87
Response: 342811
Amount: 9.950044



Reviewer: ulmanm, 04-Dec-2012 08:06:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67070/24

Matrix: Solid | Lab File ID: 21203024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 20:56

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.89		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.93		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.86		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.78		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.82		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.20		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	2.89	^	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	5.01		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.21		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.90		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.19		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.05		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.89		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.21		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.79		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.05		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.76		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.09		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	4.88		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	3.42	^	0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.75		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	5.03		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.00		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.15		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.04		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.86		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.08		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.82		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.03		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	2.31	^	0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	3.74	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67070/24

Matrix: Solid | Lab File ID: 21203024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 20:56

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.29		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.26		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	6.12		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.77		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.89		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.94		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.64		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.535	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	2.91	^	0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	3.35	^	0.00020	0.00010	0.00010
78-59-1	Isophorone	4.95		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.81		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.07		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.19		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.79		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.37		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.57		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.39		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.93		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.19		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.02		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	4.97		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.63		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.64		0.00020	0.00010	0.00010
108-95-2	Phenol	5.12		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	4.86		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.89		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.76		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67070/24

Matrix: Solid | Lab File ID: 21203024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 20:56

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	95		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	100		50-150
1718-51-0	Terphenyl-d14 (Surr)	95		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	110		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150

Report Date: 04-Dec-2012 09:30:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203024.D
Lims ID: mrl qccl Client ID:
Inject. Date: 03-Dec-2012 20:56:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015467-024
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 67070 Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 09:12:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.048	6.050	-0.002	85	216038	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	97	917595	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	65	576647	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	77	1039673	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	75	1040456	4.00	
* 6 Perylene-d12	264	14.676	14.677	-0.001	85	755234	4.00	
$ 7 2-Fluorophenol	112	4.830	4.832	-0.002	90	438353	5.16	
$ 8 Phenol-d5	99	5.690	5.687	0.003	0	640319	5.22	
$ 9 Nitrobenzene-d5	82	6.529	6.531	-0.002	84	699260	4.98	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.059	0.003	99	908082	4.74	
$ 11 2,4,6-Tribromophenol	330	9.318	9.319	-0.001	76	123352	5.52	
$ 12 Terphenyl-d14	244	11.289	11.291	-0.002	96	1010947	4.74	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.800	2.807	-0.007	78	200925	4.79	
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74	3.276	3.272	0.004	78	301698	5.48	
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.324	3.320	0.004	92	570096	5.07	
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					9
28 Ethyl methacrylate	69	3.879	3.876	0.003	79	565967	5.19	
232 1-Methyl-2-pyrrilidinone	99		3.880					1
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.221	4.218	0.003	81	221572	5.56	
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
33 Malononitrile	66		4.627					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					9
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					9
82 Quinoline	129		5.099					9
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					9
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.664	5.665	-0.001	82	542225	4.98	
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94	5.701	5.703	-0.002	90	711871	5.12	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93	5.754	5.751	0.003	82	896184	5.16	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	96	556911	5.19	
46 2-Chlorophenol	128	5.861	5.858	0.003	88	401886	5.09	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	79	424459	5.00	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	75	421819	4.92	
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108	6.155	6.157	-0.002	84	338450	5.21	
117 1-Naphthylamine	143		6.166					
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	78	414654	5.03	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					9
51 2-Methylphenol	108	6.240	6.237	0.003	93	470192	5.07	
53 2,2'-oxybis[1-chloropropane]	45	6.273	6.274	-0.002	96	572706	5.24	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.365	-0.002	93	512588	5.19	
127 Tributyl phosphate	99		6.379					9
57 N-Nitrosodi-n-propylamine	70	6.385	6.386	-0.001	69	508602	5.23	
58 Acetophenone	105	6.390	6.392	-0.002	81	716946	5.00	
130 Diphenylamine	169		6.428					9
61 Hexachloroethane	117	6.502	6.504	-0.002	88	116732	2.91	
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77	6.545	6.547	-0.002	75	729003	4.93	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
64 Isophorone	82	6.743	6.744	-0.001	94	1333540	4.95	
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139	6.817	6.819	-0.002	84	209043	5.19	
65 2,4-Dimethylphenol	107	6.828	6.830	-0.002	94	575375	5.08	
67 1,3,5-Trichlorobenzene	180	6.828	6.830	-0.002	68	396187	4.79	
71 Benzoic acid	122	6.876	6.889	-0.013	76	448134	10.1	
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	98	675880	4.90	
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	91	327747	5.04	
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180	7.101	7.102	-0.001	73	390756	4.86	
75 Naphthalene	128	7.175	7.177	-0.002	79	1207752	4.79	
76 4-Chloroaniline	127	7.202	7.204	-0.002	78	499727	5.01	
79 Hexachlorobutadiene	225	7.266	7.268	-0.002	85	203361	4.64	
152 Methyl parathion	109		7.282					9
80 1,2,3-Trichlorobenzene	180		7.295					
84 Caprolactam	113	7.485	7.487	-0.002	82	151688	5.72	
155 Ethyl Parathion	97		7.560					
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	78	481277	5.05	
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142	7.763	7.759	0.004	85	760291	4.81	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.848	7.850	-0.002	79	736211	4.82	
90 1,2,3,5-Tetrachlorobenzene	216	7.886	7.888	-0.002	81	385817	4.80	
89 Hexachlorocyclopentadiene	237	7.891	7.893	-0.002	32	24823	0.5355	
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	85	237659	4.76	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	88	268592	4.89	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.132	8.133	-0.001	93	215630	4.80	
99 1,2,3,4 -Tetrachlorobenzene	216	8.142	8.144	-0.002	85	382909	0	
98 1,1'-Biphenyl	154	8.148	8.149	-0.001	95	997928	4.79	
100 2-Chloronaphthalene	162	8.180	8.181	-0.001	97	756243	4.76	
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65	8.249	8.246	0.003	66	397227	5.37	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.388	8.384	0.004	93	902392	4.82	
107 2,6-Dinitrotoluene	165	8.447	8.443	0.004	77	204888	5.26	
167 Famphur	218		8.473					9
108 1,2-Dinitrobenzene	168	8.495	8.497	-0.002	81	95707	5.00	
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152	8.532	8.534	-0.002	89	1249198	4.93	
110 3-Nitroaniline	138	8.591	8.593	-0.002	76	233306	5.57	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	43	61724	3.74	
112 Acenaphthene	153	8.676	8.678	-0.002	91	786853	4.89	
113 4-Nitrophenol	109	8.703	8.700	0.003	81	154774	5.02	
171 2-Acetylaminofluorene	181		8.713					
114 2,4-Dinitrotoluene	165	8.789	8.785	0.004	77	276341	5.29	
116 Dibenzofuran	168	8.821	8.822	-0.001	85	1103564	4.75	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.881	-0.002	83	226462	4.97	
121 Diethyl phthalate	149	8.976	8.977	-0.001	94	901315	4.86	
123 4-Chlorophenyl phenyl ether	204	9.098	9.100	-0.002	88	495723	4.97	
125 4-Nitroaniline	138	9.109	9.111	-0.002	77	238065	5.39	
126 Fluorene	166	9.115	9.116	-0.001	68	961248	4.89	
128 4,6-Dinitro-2-methylphenol	198	9.131	9.132	-0.001	72	68089	2.31	
131 N-Nitrosodiphenylamine	169	9.195	9.191	0.004	94	713434	4.97	
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77	9.232	9.234	-0.002	93	1765085	5.05	
132 1,2-Diphenylhydrazine	77	9.232	9.234	-0.002	100	1765483	5.05	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	67	256461	4.89	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.579	9.581	-0.002	78	261065	4.94	
142 Atrazine	200	9.622	9.624	-0.002	77	247951	5.42	
143 Pentachlorophenol	266	9.740	9.741	-0.001	75	324135	8.63	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.937	9.939	-0.002	82	1441704	4.64	
149 Anthracene	178	9.980	9.982	-0.002	83	1512747	4.86	
150 DFTPP								
151 Carbazole	167	10.103	10.105	-0.002	62	1333699	4.79	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	100	1721181	5.03	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.958	10.959	-0.001	78	1691858	4.77	
160 Benzidine	184	11.054	11.050	0.004	87	868214	4.89	
161 Pyrene	202	11.177	11.178	-0.001	73	1787098	4.96	
166 4,4'-DDE	246		11.233					9
165 4,4'-DDD	235		11.580					9
187 Dibenz[a,h]acridine	279		11.729					9
168 Butyl benzyl phthalate	149	11.786	11.787	-0.001	84	748351	5.21	
186 Dibenz[a,j]acridine	279		11.804					9
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244	12.416	12.418	-0.002	82	432296	5.51	
174 4,4'-Methylene bis(2-chloroanili	231	12.459	12.466	-0.007	66	296364	5.10	
175 3,3'-Dichlorobenzidine	252	12.464	12.466	-0.002	67	595782	5.15	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1080558	5.05	
177 Benzo[a]anthracene	228	12.523	12.525	-0.002	80	1548923	4.78	
178 Chrysene	228	12.571	12.573	-0.002	82	1449928	4.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	98	1859931	6.12	
182 Benzo[b]fluoranthene	252	14.077	14.079	-0.002	82	1361374	5.20	
183 Benzo[k]fluoranthene	252	14.120	14.122	-0.002	83	1348994	5.01	
184 Benzo[a]pyrene	252	14.590	14.597	-0.007	77	1192053	4.82	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.403	-0.002	79	909581	3.35	
189 Dibenz(a,h)anthracene	278	16.423	16.430	-0.007	59	761331	3.42	
190 Benzo[g,h,i]perylene	276	16.871	16.889	-0.018	78	658925	2.89	
S 191 Methyl Phenols,Total	100				0		10.3	
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					
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					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					
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					
T 197 Hexachlorophene TIC	198		9.269					2
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
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

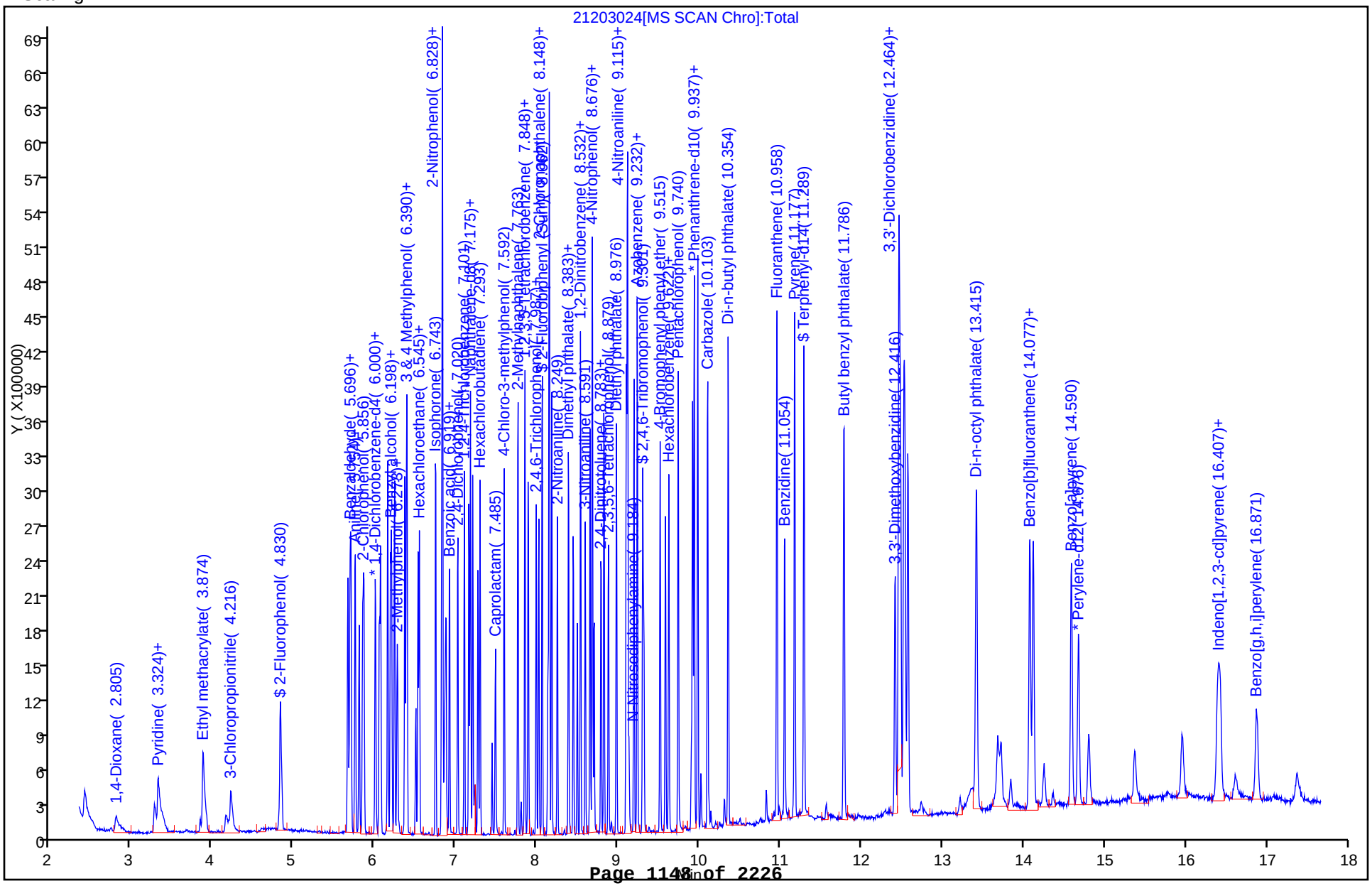
Report Date: 04-Dec-2012 09:30:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203024.D

Injection Date:	03-Dec-2012 20:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	24
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67729/3

Matrix: Solid | Lab File ID: 21207003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/07/2012 13:43

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67729 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.83		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.84		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.97		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.28		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.33		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.29		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.49		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	7.85		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.50		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.54		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.57		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.80		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.86		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.97		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.19		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.88		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.88		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.61		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.25		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.43		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.44		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.40		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.78		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.33		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.40		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.61		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.52		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.31		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.29		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.78		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.61		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.59		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	8.55		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67729/3

Matrix: Solid | Lab File ID: 21207003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/07/2012 13:43

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67729 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.88		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.66		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.89		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.78		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.61		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.43		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.71		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.60		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.02		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.48		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.72		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.08		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.53		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.68		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.85		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.80		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.37		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.41		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.46		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.66		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.75		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.27		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.17		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.86		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.77		0.00020	0.00010	0.00010
108-95-2	Phenol	5.58		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.32		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.55		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.06		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.95		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67729/3

Matrix: Solid | Lab File ID: 21207003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/07/2012 13:43

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67729 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	107	Q	50-150
367-12-4	2-Fluorophenol (Surr)	108	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	109	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	106		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	108		50-150
4165-62-2	Phenol-d5 (Surr)	113	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207003.D
Lims ID: mrl qc Client ID:
Inject. Date: 07-Dec-2012 13:43:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015623-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 67729 Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 11:37:47 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 07-Dec-2012 14:42:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.950	5.949	0.001	86	204636	4.00	
* 2 Naphthalene-d8	136	7.067	7.066	0.001	98	871123	4.00	
* 3 Acenaphthene-d10	164	8.563	8.561	0.002	68	541865	4.00	
* 4 Phenanthrene-d10	188	9.818	9.817	0.001	78	896068	4.00	
* 5 Chrysene-d12	240	12.382	12.381	0.001	74	829131	4.00	
* 6 Perylene-d12	264	14.471	14.470	0.001	77	688574	4.00	
$ 7 2-Fluorophenol	112	4.684	4.688	-0.004	93	433770	5.39	
$ 8 Phenol-d5	99	5.587	5.591	-0.004	0	658694	5.67	
$ 9 Nitrobenzene-d5	82	6.436	6.435	0.001	84	726431	5.45	
$ 10 2-Fluorobiphenyl (Surr)	172	7.975	7.974	0.001	95	963421	5.35	
$ 11 2,4,6-Tribromophenol	330	9.225	9.224	0.001	86	113657	5.42	
$ 12 Terphenyl-d14	244	11.175	11.174	0.001	95	897527	5.28	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.414	2.418	-0.004	87	186665	4.70	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.905	2.899	0.006	72	327350	6.27	
27 Pyridine	79	2.953	2.947	0.006	84	557710	5.24	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.632	3.631	0.001	81	487878	4.72	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54	4.022	4.021	0.001	83	239033	6.33	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.550	5.548	0.002	84	527589	5.13	
43 Phenol	94	5.603	5.602	0.001	95	734440	5.58	
44 Aniline	93	5.646	5.645	0.001	83	896380	5.45	
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93	5.699	5.698	0.001	95	589549	5.80	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.753	5.751	0.002	86	392418	5.25	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.897	5.896	0.001	81	450801	5.61	
48 1,4-Dichlorobenzene	146	5.966	5.965	0.001	81	432686	5.33	
49 Benzyl alcohol	108	6.057	6.056	0.001	84	341442	5.54	
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146	6.100	6.099	0.001	80	421731	5.40	
51 2-Methylphenol	108	6.148	6.147	0.001	94	486267	5.53	
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45	6.180	6.179	0.001	93	617555	5.96	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.276	6.280	-0.004	92	531564	5.68	
57 N-Nitrosodi-n-propylamine	70	6.292	6.291	0.001	71	485188	5.27	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.298	6.296	0.002	85	680087	5.01	
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117	6.404	6.403	0.001	90	190591	5.02	
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77	6.453	6.451	0.001	73	766617	5.46	
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.656	6.654	0.002	95	1208484	4.72	
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139	6.730	6.729	0.001	93	216436	5.66	
67 1,3,5-Trichlorobenzene	180	6.741	6.740	0.001	83	420956	5.36	
65 2,4-Dimethylphenol	107	6.746	6.745	0.001	95	513207	4.78	
140 Dimethoate	87		6.764					9
71 Benzoic acid	122	6.794	6.814	-0.020	78	312122	7.85	
70 Bis(2-chloroethoxy)methane	93	6.832	6.831	0.002	98	729398	5.57	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162	6.933	6.932	0.001	90	327998	5.31	
146 Disulfoton	88		7.010					
74 1,2,4-Trichlorobenzene	180	7.013	7.012	0.001	77	423853	5.55	
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.083	7.087	-0.004	79	1160081	4.85	
76 4-Chloroaniline	127	7.115	7.114	0.001	79	496951	5.25	
79 Hexachlorobutadiene	225	7.179	7.183	-0.004	87	237688	5.71	
80 1,2,3-Trichlorobenzene	180	7.206	7.204	0.002	79	412275	0	
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.393	7.402	-0.009	78	146335	5.81	
86 4-Chloro-3-methylphenol	107	7.510	7.509	0.001	80	441920	4.88	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.671	7.675	-0.004	87	761430	5.08	
88 1-Methylnaphthalene	142	7.761	7.760	0.001	81	705645	4.86	
90 1,2,3,5-Tetrachlorobenzene	216	7.799	7.803	-0.004	83	441727	5.84	
89 Hexachlorocyclopentadiene	237	7.804	7.803	0.001	72	200171	4.60	
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196	7.900	7.899	0.001	83	232371	4.95	
93 2,4,5-Trichlorophenol	196	7.932	7.931	0.001	90	261456	5.06	
97 2,4-Toluene diamine	121	8.044	8.043	0.001	97	161136	3.78	
99 1,2,3,4 -Tetrachlorobenzene	216		8.054					
98 1,1'-Biphenyl	154	8.061	8.065	-0.005	95	949357	4.85	
100 2-Chloronaphthalene	162	8.087	8.091	-0.004	93	838525	5.61	
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65	8.162	8.161	0.001	74	333557	4.80	
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.301	8.300	0.001	95	811060	4.61	
107 2,6-Dinitrotoluene	165	8.360	8.358	0.002	83	207320	5.66	
108 1,2-Dinitrobenzene	168	8.408	8.406	0.002	74	93910	5.22	
109 Acenaphthylene	152	8.445	8.444	0.001	86	1154467	4.84	
167 Famphur	218		8.473					
110 3-Nitroaniline	138	8.504	8.503	0.001	83	211312	5.37	
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153	8.589	8.588	0.001	87	730247	4.83	
111 2,4-Dinitrophenol	184	8.589	8.593	-0.004	64	187885	8.55	
113 4-Nitrophenol	109	8.616	8.620	-0.004	85	137579	4.75	
114 2,4-Dinitrotoluene	165	8.696	8.700	-0.004	81	289053	5.88	
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168	8.734	8.732	0.002	85	1041443	4.78	
118 2,3,5,6-Tetrachlorophenol	232	8.787	8.791	-0.004	86	208572	4.87	
121 Diethyl phthalate	149	8.889	8.887	0.002	95	748168	4.29	
123 4-Chlorophenyl phenyl ether	204	9.006	9.005	0.001	92	508662	5.43	
125 4-Nitroaniline	138	9.017	9.021	-0.004	76	224342	5.41	
126 Fluorene	166	9.022	9.021	0.001	70	852027	4.61	
128 4,6-Dinitro-2-methylphenol	198	9.043	9.042	0.001	78	157637	5.07	
131 N-Nitrosodiphenylamine	169	9.102	9.101	0.001	92	640449	5.17	
133 Azobenzene	77	9.140	9.144	-0.004	93	1426644	4.73	
132 1,2-Diphenylhydrazine	77	9.140	9.144	-0.004	100	1426644	4.73	
176 Hexabromobenzene	232	9.209	9.208	0.001	1	745	0	
139 4-Bromophenyl phenyl ether	248	9.423	9.421	0.002	65	269914	5.97	
141 Hexachlorobenzene	284	9.487	9.486	0.001	81	247658	5.43	
142 Atrazine	200	9.530	9.534	-0.004	77	206646	5.24	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.647	9.646	0.001	80	322234	9.86	
148 Phenanthrene	178	9.839	9.838	0.001	82	1276330	4.77	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.882	9.881	0.001	82	1333897	4.97	
150 DFTPP								
151 Carbazole	167	10.005	10.004	0.001	65	1171189	4.88	
154 Di-n-butyl phthalate	149	10.261	10.260	0.001	100	1355297	4.59	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.849	10.848	0.001	78	1459528	4.78	
160 Benzidine	184	10.945	10.944	0.001	87	740167	5.18	
161 Pyrene	202	11.063	11.061	0.002	73	1525474	5.32	
166 4,4'-DDE	246		11.111					9
165 4,4'-DDD	235		11.490					
168 Butyl benzyl phthalate	149	11.656	11.654	0.002	90	594665	5.19	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.270	12.269	0.001	84	339940	5.45	
175 3,3'-Dichlorobenzidine	252	12.313	12.312	0.001	66	510933	5.52	
174 4,4'-Methylene bis(2-chloroanili	231	12.313	12.312	0.001	67	256407	5.54	
173 Bis(2-ethylhexyl) phthalate	149	12.334	12.333	0.001	95	827386	4.86	
177 Benzo[a]anthracene	228	12.366	12.370	-0.004	81	1362276	5.28	
178 Chrysene	228	12.414	12.418	-0.004	83	1286966	5.44	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.248	13.246	0.002	100	1328741	4.89	
182 Benzo[b]fluoranthene	252	13.883	13.887	-0.004	80	1263591	5.29	
183 Benzo[k]fluoranthene	252	13.926	13.930	-0.004	84	1350477	5.50	
184 Benzo[a]pyrene	252	14.386	14.390	-0.004	75	1200491	5.33	
188 Indeno[1,2,3-cd]pyrene	276	16.143	16.142	0.001	66	1357490	5.48	
189 Dibenz(a,h)anthracene	278	16.165	16.169	-0.005	53	1096404	5.40	
190 Benzo[g,h,i]perylene	276	16.592	16.601	-0.009	74	1142232	5.49	
S 191 Methyl Phenols,Total	100				0		11.2	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57	15.160	0.0	15.160	86	87533	0	
T 195 Hydroquinone TIC	110	7.361	0.0	7.361	87	76740	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135	5.192	5.098	0.092	1	354	0	
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	7.804	8.280	-0.477	1	24689	0.1191	
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	9.214	9.150	0.064	21	123917	0	
T 197 Hexachlorophene TIC	198	11.175	9.268	1.906	1	23294	0.1353	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

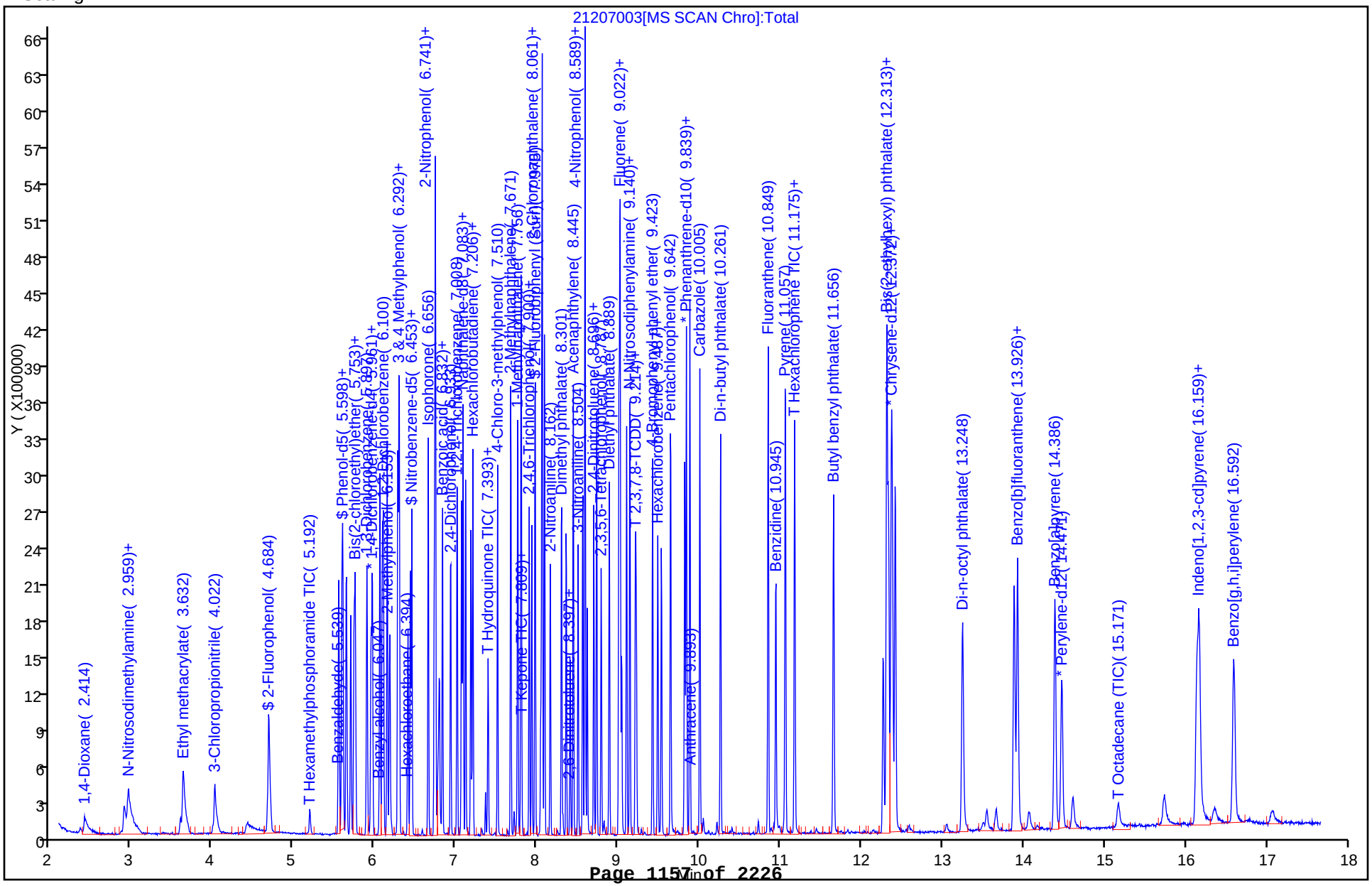
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 08-Dec-2012 11:37:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207003.D		
Injection Date:	07-Dec-2012 13:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	3
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67729/15

Matrix: Solid | Lab File ID: 21207015.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/07/2012 18:43

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67729 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.75		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.91		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.26		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.14		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.17		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.23		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.46		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.56		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.03		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.58		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.12		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.34		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.83		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.82		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.88		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.08		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.76		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.11		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.22		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.07		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.17		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.85		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.77		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.13		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.34		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.28		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.41		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.18		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.43		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.86		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.54		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.83		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.99		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.50		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67729/15

Matrix: Solid | Lab File ID: 21207015.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/07/2012 18:43

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67729 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.43		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.52		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.05		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.14		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.71		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.35		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.05		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.542	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	3.79		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.78		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.59		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.95		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.50		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.58		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.72		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.74		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.39		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.27		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.85		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.43		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.65		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.14		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.35		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.52		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.03		0.00020	0.00010	0.00010
108-95-2	Phenol	5.30		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.14		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.12		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.78		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.05		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-67729/15

Matrix: Solid Lab File ID: 21207015.D

Analysis Method: 8270C/DoD Date Collected:

Extract. Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/07/2012 18:43

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67729 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	101		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	99		50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	112		50-150
4165-62-2	Phenol-d5 (Surr)	110	Q	50-150

Report Date: 08-Dec-2012 11:37:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207015.D
Lims ID: mrl qccl Client ID:
Inject. Date: 07-Dec-2012 18:43:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015623-015
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67729 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121207-15623.b\8270 _9.m
Last Update: 08-Dec-2012 11:37:47 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.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: 08-Dec-2012 11:23:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.946	5.949	-0.003	87	283292	4.00	
* 2 Naphthalene-d8	136	7.068	7.066	0.002	99	1250981	4.00	
* 3 Acenaphthene-d10	164	8.559	8.561	-0.002	65	782669	4.00	
* 4 Phenanthrene-d10	188	9.819	9.817	0.002	76	1273090	4.00	
* 5 Chrysene-d12	240	12.384	12.381	0.003	70	1288644	4.00	
* 6 Perylene-d12	264	14.467	14.470	-0.003	78	1081295	4.00	
$ 7 2-Fluorophenol	112	4.691	4.688	0.003	94	573905	5.15	
$ 8 Phenol-d5	99	5.588	5.591	-0.003	0	885152	5.50	
$ 9 Nitrobenzene-d5	82	6.432	6.435	-0.003	84	948763	4.96	
$ 10 2-Fluorobiphenyl (Surr)	172	7.971	7.974	-0.003	94	1318035	5.07	
$ 11 2,4,6-Tribromophenol	330	9.221	9.224	-0.003	75	169153	5.58	
$ 12 Terphenyl-d14	244	11.171	11.174	-0.003	96	1321167	5.00	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.415	2.418	-0.003	87	240641	4.38	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.901	2.899	0.002	77	448079	6.20	
27 Pyridine	79	2.955	2.947	0.008	92	717610	4.87	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.633	3.631	0.002	79	652577	4.56	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
29 3-Chloropropionitrile	54	4.023	4.021	0.002	81	324265	6.21	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.416					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.551	5.548	0.003	83	713498	5.00	
43 Phenol	94	5.604	5.602	0.002	97	966203	5.30	
44 Aniline	93	5.642	5.645	-0.003	94	1223547	5.37	
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93	5.701	5.698	0.003	92	751262	5.34	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.754	5.751	0.003	89	540044	5.22	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.898	5.896	0.002	82	587211	5.28	
48 1,4-Dichlorobenzene	146	5.962	5.965	-0.003	80	576193	5.13	
49 Benzyl alcohol	108	6.059	6.056	0.003	84	475738	5.58	
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146	6.101	6.099	0.002	80	577211	5.34	
51 2-Methylphenol	108	6.149	6.147	0.002	94	669283	5.50	
117 1-Naphthylamine	143		6.166					9
53 2,2'-oxybis[1-chloropropane]	45	6.181	6.179	0.002	94	819541	5.72	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.278	6.280	-0.002	93	721804	5.58	
57 N-Nitrosodi-n-propylamine	70	6.294	6.291	0.003	71	655797	5.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.299	6.296	0.003	90	957259	5.09	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117	6.406	6.403	0.003	90	199296	3.79	
130 Diphenylamine	169		6.428					9
62 Nitrobenzene	77	6.454	6.451	0.003	70	978185	4.85	
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
64 Isophorone	82	6.657	6.654	0.003	95	1688470	4.59	
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139	6.726	6.729	-0.003	90	298248	5.43	
67 1,3,5-Trichlorobenzene	180	6.737	6.740	-0.003	84	563367	5.00	
65 2,4-Dimethylphenol	107	6.748	6.745	0.003	97	750257	4.86	
140 Dimethoate	87		6.764					9
71 Benzoic acid	122	6.801	6.814	-0.013	76	499669	8.56	
70 Bis(2-chloroethoxy)methane	93	6.828	6.831	-0.002	98	963283	5.12	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162	6.929	6.932	-0.003	92	459441	5.18	
146 Disulfoton	88		7.010					
74 1,2,4-Trichlorobenzene	180	7.009	7.012	-0.003	80	560813	5.12	
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.084	7.087	-0.003	80	1620010	4.72	
76 4-Chloroaniline	127	7.116	7.114	0.002	80	700799	5.16	
79 Hexachlorobutadiene	225	7.180	7.183	-0.003	84	302163	5.05	
80 1,2,3-Trichlorobenzene	180		7.204					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.399	7.402	-0.003	79	200980	5.56	
86 4-Chloro-3-methylphenol	107	7.512	7.509	0.003	79	619235	4.76	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142	7.672	7.675	-0.003	86	1066235	4.95	
88 1-Methylnaphthalene	142	7.757	7.760	-0.003	81	1013191	4.86	
90 1,2,3,5-Tetrachlorobenzene	216	7.800	7.803	-0.003	85	562968	5.16	
89 Hexachlorocyclopentadiene	237	7.800	7.803	-0.003	34	34075	0.5416	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.902	7.899	0.003	84	342464	5.05	
93 2,4,5-Trichlorophenol	196	7.934	7.931	0.003	89	356180	4.78	
97 2,4-Toluene diamine	121	8.040	8.043	-0.003	95	262594	4.29	
99 1,2,3,4 -Tetrachlorobenzene	216	8.056	8.054	0.002	79	563972	0	
98 1,1'-Biphenyl	154	8.062	8.065	-0.003	94	1353206	4.79	
100 2-Chloronaphthalene	162	8.089	8.091	-0.002	93	1101512	5.11	
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65	8.158	8.161	-0.003	72	476079	4.74	
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163	8.297	8.300	-0.003	93	1154718	4.54	
107 2,6-Dinitrotoluene	165	8.356	8.358	-0.002	80	291976	5.52	
108 1,2-Dinitrobenzene	168	8.409	8.406	0.003	82	132201	5.09	
109 Acenaphthylene	152	8.441	8.444	-0.003	86	1690290	4.91	
167 Famphur	218		8.473					
110 3-Nitroaniline	138	8.505	8.503	0.002	84	306809	5.39	
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153	8.585	8.588	-0.003	87	1036690	4.75	
111 2,4-Dinitrophenol	184	8.591	8.593	-0.002	64	269405	8.50	
113 4-Nitrophenol	109	8.617	8.620	-0.003	85	194607	4.65	
114 2,4-Dinitrotoluene	165	8.698	8.700	-0.002	78	385295	5.43	
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168	8.735	8.732	0.003	86	1503886	4.77	
118 2,3,5,6-Tetrachlorophenol	232	8.788	8.791	-0.003	83	300010	4.85	
121 Diethyl phthalate	149	8.890	8.887	0.003	96	1114560	4.43	
123 4-Chlorophenyl phenyl ether	204	9.007	9.005	0.002	86	685515	5.07	
125 4-Nitroaniline	138	9.018	9.021	-0.003	78	315448	5.27	
126 Fluorene	166	9.023	9.021	0.002	68	1256252	4.71	
128 4,6-Dinitro-2-methylphenol	198	9.039	9.042	-0.003	78	219999	4.99	
131 N-Nitrosodiphenylamine	169	9.104	9.101	0.003	92	941175	5.35	
133 Azobenzene	77	9.141	9.144	-0.003	91	2019837	4.72	
132 1,2-Diphenylhydrazine	77	9.141	9.144	-0.003	99	2021003	4.72	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.424	9.421	0.003	65	373826	5.82	
141 Hexachlorobenzene	284	9.488	9.486	0.002	79	346309	5.35	
142 Atrazine	200	9.531	9.534	-0.003	82	301613	5.39	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.643	9.646	-0.003	78	441143	9.52	
148 Phenanthrene	178	9.841	9.838	0.003	81	1914780	5.03	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.884	9.881	0.003	83	2002707	5.26	
150 DFTPP								
151 Carbazole	167	10.006	10.004	0.002	79	1732350	5.08	
154 Di-n-butyl phthalate	149	10.257	10.260	-0.003	100	2026752	4.83	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.845	10.848	-0.003	78	2230066	5.14	
160 Benzidine	184	10.941	10.944	-0.003	78	1116522	5.05	
161 Pyrene	202	11.059	11.061	-0.002	73	2290611	5.14	
166 4,4'-DDE	246		11.111					9
165 4,4'-DDD	235		11.490					9
168 Butyl benzyl phthalate	149	11.652	11.654	-0.002	86	869281	4.88	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.779					9
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.266	12.269	-0.003	77	611439	6.19	
175 3,3'-Dichlorobenzidine	252	12.309	12.312	-0.003	58	777429	5.41	
174 4,4'-Methylene bis(2-chloroanili	231	12.309	12.312	-0.003	60	374051	5.20	
173 Bis(2-ethylhexyl) phthalate	149	12.330	12.333	-0.003	95	1279583	4.83	
177 Benzo[a]anthracene	228	12.368	12.370	-0.002	79	2061136	5.14	
178 Chrysene	228	12.416	12.418	-0.002	84	1901504	5.17	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.244	13.246	-0.002	99	2160525	5.05	
182 Benzo[b]fluoranthene	252	13.885	13.887	-0.002	78	1958610	5.23	
183 Benzo[k]fluoranthene	252	13.922	13.930	-0.008	71	1939325	5.03	
184 Benzo[a]pyrene	252	14.387	14.390	-0.003	73	1829449	5.17	
188 Indeno[1,2,3-cd]pyrene	276	16.139	16.142	-0.003	78	1859620	4.78	
189 Dibenz(a,h)anthracene	278	16.166	16.169	-0.003	65	1545543	4.85	
190 Benzo[g,h,i]perylene	276	16.593	16.601	-0.008	71	1456770	4.46	
S 191 Methyl Phenols,Total	100				0		11.1	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-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					
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					
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

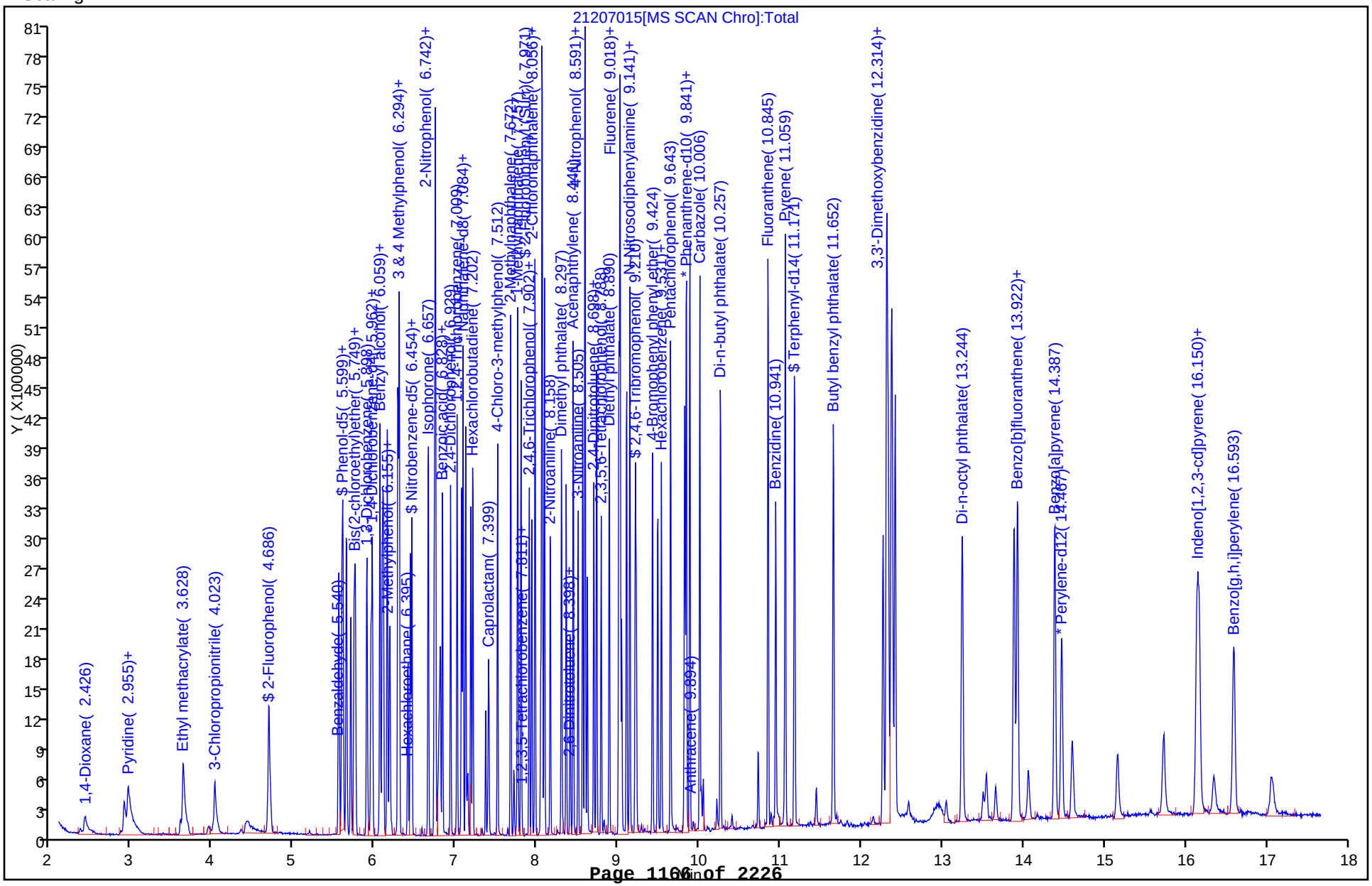
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 08-Dec-2012 11:37:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121207-15623.b\21207015.D		
Injection Date:	07-Dec-2012 18:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67729	Lims Sample ID:	15
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68161/13

Matrix: Solid | Lab File ID: 21211013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/11/2012 17:36

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.75		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.73		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.02		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.91		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	5.00		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.94		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.75		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	4.77		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.02		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.09		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.00		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.18		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.75		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.86		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.92		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.72		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.18		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.69		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.90		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.75		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.82		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.20		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.06		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.14		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	4.98		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.96		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.99		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.31		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.82		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.88		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.55		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.37		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68161/13

Matrix: Solid | Lab File ID: 21211013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/11/2012 17:36

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	4.98		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.07		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.64		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.90		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.73		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.80		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.23		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.73		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	4.88		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.12		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.86		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.25		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.00		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.97		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.89		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.25		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.91		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.10		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.12		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.36		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.09		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.00		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.71		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.77		0.00020	0.00010	0.00010
108-95-2	Phenol	5.10		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.82		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.99		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.64		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.62		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68161/13

Matrix: Solid | Lab File ID: 21211013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/11/2012 17:36

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	95		50-150
367-12-4	2-Fluorophenol (Surr)	102		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	103	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	90		50-150
4165-62-2	Phenol-d5 (Surr)	101	Q	50-150

Report Date: 12-Dec-2012 07:43:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211013.D
Lims ID: mrl qc Client ID:
Inject. Date: 11-Dec-2012 17:36:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015722-013
Misc. Info.: MRL QC =MRL QC
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 68161 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 07:43:32 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 07:43:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.099	0.0	87	114460	4.00	
* 2 Naphthalene-d8	136	7.205	7.205	0.0	98	457847	4.00	
* 3 Acenaphthene-d10	164	8.701	8.706	-0.005	79	294905	4.00	
* 4 Phenanthrene-d10	188	9.967	9.972	-0.005	76	493363	4.00	
* 5 Chrysene-d12	240	12.622	12.622	0.0	84	506496	4.00	
* 6 Perylene-d12	264	14.780	14.791	-0.011	91	377338	4.00	
$ 7 2-Fluorophenol	112	4.876	4.881	-0.005	91	214230	5.12	
$ 8 Phenol-d5	99	5.730	5.736	-0.006	0	305212	5.03	
$ 9 Nitrobenzene-d5	82	6.574	6.580	-0.006	81	399106	5.14	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.113	0.0	99	537432	4.73	
$ 11 2,4,6-Tribromophenol	330	9.368	9.369	-0.001	71	40310	4.51	
$ 12 Terphenyl-d14	244	11.356	11.356	0.0	90	506814	4.98	
20 Dimethylformamide	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71	2.765	2.744	0.021	24	162	0	
25 1,4-Dioxane	88	2.867	2.862	0.005	85	82481	3.94	
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69	3.273	3.319	-0.046	1	245	0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
26 N-Nitrosodimethylamine	74	3.337	3.332	0.005	79	128008	5.06	
40 4-Methylcyclohexanone	55	3.358	3.356	0.002	1	1068	0	
27 Pyridine	79	3.385	3.385	0.0	93	272727	5.02	
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99	3.893	3.880	0.013	0	1595	0	
28 Ethyl methacrylate	69	3.930	3.930	0.0	81	260959	5.20	
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
29 3-Chloropropionitrile	54	4.267	4.272	-0.005	81	117109	5.25	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.673					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					9
227 Isosafrole Peak 2	162		5.498					9
103 1,4-Naphthoquinone	158		5.680					
104 1,4-Dinitrobenzene	168		5.712					
41 Benzaldehyde	77	5.709	5.715	-0.006	86	319813	5.25	
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.746	5.747	-0.001	94	352825	5.10	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.800	5.800	0.0	96	432603	5.17	
69 Bis(2-chloroethyl)ether	93	5.848	5.848	0.0	97	323145	5.09	
46 2-Chlorophenol	128	5.907	5.907	0.0	89	201002	5.18	
47 1,3-Dichlorobenzene	146	6.051	6.051	0.0	90	262721	5.14	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.115	6.115	0.0	87	224658	5.20	
117 1-Naphthylamine	143		6.166					9
49 Benzyl alcohol	108	6.200	6.206	-0.006	82	142840	4.77	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					9
50 1,2-Dichlorobenzene	146	6.248	6.254	-0.006	82	246434	5.06	
51 2-Methylphenol	108	6.286	6.286	0.0	94	227884	5.25	
122 Thionazin	97		6.305					9
53 2,2'-oxybis[1-chloropropane]	45	6.318	6.324	-0.006	95	322432	5.15	
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108	6.409	6.414	-0.005	86	232280	5.00	
130 Diphenylamine	169		6.428					
57 N-Nitrosodi-n-propylamine	70	6.430	6.430	0.0	69	235250	5.09	
58 Acetophenone	105	6.441	6.441	0.0	81	371681	5.34	
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117	6.553	6.553	0.0	90	109713	4.93	
62 Nitrobenzene	77	6.596	6.596	0.0	73	423472	5.10	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
140 Dimethoate	87		6.764					
64 Isophorone	82	6.793	6.794	-0.001	95	618569	5.12	
66 2-Nitrophenol	139	6.868	6.869	-0.001	88	101847	5.12	
67 1,3,5-Trichlorobenzene	180	6.879	6.879	0.0	84	236284	5.34	
65 2,4-Dimethylphenol	107	6.874	6.879	-0.005	93	276412	5.31	
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122	6.911	6.933	-0.022	82	198479	8.75	
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
70 Bis(2-chloroethoxy)methane	93	6.964	6.965	-0.001	94	399055	5.02	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.066	7.066	0.0	88	150475	4.96	
74 1,2,4-Trichlorobenzene	180	7.151	7.152	-0.001	83	216525	4.99	
75 Naphthalene	128	7.226	7.226	0.0	97	580845	4.97	
76 4-Chloroaniline	127	7.253	7.253	0.0	77	234728	4.95	
152 Methyl parathion	109		7.282					
79 Hexachlorobutadiene	225	7.317	7.317	0.0	84	124176	5.23	
80 1,2,3-Trichlorobenzene	180	7.344	7.344	0.0	84	207738	0	
84 Caprolactam	113	7.531	7.536	-0.005	82	65189	5.51	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
86 4-Chloro-3-methylphenol	107	7.637	7.643	-0.006	81	220521	4.92	
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.814	7.814	0.0	84	381474	4.86	
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142	7.899	7.900	-0.001	81	373511	5.18	
89 Hexachlorocyclopentadiene	237	7.942	7.942	0.0	75	132515	4.73	
90 1,2,3,5-Tetrachlorobenzene	216	7.937	7.942	-0.005	81	219598	4.93	
92 2,4,6-Trichlorophenol	196	8.038	8.038	0.0	86	112326	4.62	
93 2,4,5-Trichlorophenol	196	8.065	8.071	-0.005	86	120001	4.64	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.177	8.183	-0.006	91	81289	3.66	
229 Aramite Peak 2	185		8.185					9
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.199	-0.001	84	211066	0	
98 1,1'-Biphenyl	154	8.198	8.204	-0.006	96	495824	4.91	
100 2-Chloronaphthalene	162	8.230	8.231	-0.001	97	430738	4.72	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
164 Chlorobenzilate	139		8.297					9
102 2-Nitroaniline	65	8.300	8.300	0.0	74	169466	4.89	
105 Dimethyl phthalate	163	8.433	8.439	-0.006	93	425818	4.82	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.492	8.498	-0.006	72	112777	5.07	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.546	8.546	0.0	78	53131	4.69	
109 Acenaphthylene	152	8.588	8.589	-0.001	92	607132	4.73	
110 3-Nitroaniline	138	8.642	8.647	-0.005	88	108403	5.25	
171 2-Acetylaminofluorene	181		8.713					
112 Acenaphthene	153	8.733	8.733	0.0	92	393798	4.75	
111 2,4-Dinitrophenol	184	8.727	8.733	-0.006	64	103385	8.37	
113 4-Nitrophenol	109	8.749	8.749	0.0	84	71457	4.36	
114 2,4-Dinitrotoluene	165	8.834	8.840	-0.006	79	150413	4.98	
116 Dibenzofuran	168	8.877	8.877	0.0	82	543020	4.82	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.931	-0.001	81	100861	4.75	
121 Diethyl phthalate	149	9.026	9.032	-0.006	94	440872	4.99	
123 4-Chlorophenyl phenyl ether	204	9.149	9.150	-0.001	93	254064	4.69	
125 4-Nitroaniline	138	9.160	9.166	-0.006	78	108598	4.91	
126 Fluorene	166	9.165	9.171	-0.006	64	449096	4.73	
128 4,6-Dinitro-2-methylphenol	198	9.181	9.187	-0.006	70	67409	4.55	
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.245	9.246	-0.001	97	327245	5.00	
132 1,2-Diphenylhydrazine	77	9.283	9.289	-0.005	100	780813	4.94	
133 Azobenzene	77	9.283	9.289	-0.005	93	780813	4.94	
139 4-Bromophenyl phenyl ether	248	9.566	9.572	-0.006	72	140764	5.18	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.635	9.636	-0.001	81	128457	4.80	
142 Atrazine	200	9.673	9.678	-0.005	80	98983	5.12	
143 Pentachlorophenol	266	9.790	9.796	-0.006	72	143169	8.71	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.988	9.994	-0.006	83	642874	4.77	
149 Anthracene	178	10.036	10.036	0.0	87	653318	5.02	
150 DFTPP								
151 Carbazole	167	10.154	10.159	-0.005	83	597782	4.86	
154 Di-n-butyl phthalate	149	10.410	10.410	0.0	100	743381	4.88	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	11.019	11.019	0.0	78	707732	4.90	
160 Benzidine	184	11.110	11.110	0.0	86	257706	4.27	
161 Pyrene	202	11.238	11.244	-0.006	70	732724	4.82	
166 4,4'-DDE	246		11.303					9
165 4,4'-DDD	235		11.698					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.852	11.858	-0.006	88	301982	4.75	
170 4,4'-DDT	235		11.997					
172 3,3'-Dimethoxybenzidine	244	12.493	12.494	-0.001	86	124135	4.27	
175 3,3'-Dichlorobenzidine	252	12.542	12.542	0.0	73	236700	4.98	
174 4,4'-Methylene bis(2-chloroanili	231	12.542	12.542	0.0	72	122625	4.80	
173 Bis(2-ethylhexyl) phthalate	149	12.558	12.563	-0.005	95	459166	5.00	
177 Benzo[a]anthracene	228	12.606	12.606	0.0	80	689320	4.91	
178 Chrysene	228	12.654	12.659	-0.005	86	634156	4.90	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.508	13.514	-0.006	99	650055	4.64	
182 Benzo[b]fluoranthene	252	14.176	14.182	-0.006	86	585148	5.00	
183 Benzo[k]fluoranthene	252	14.219	14.225	-0.006	82	614872	5.30	
184 Benzo[a]pyrene	252	14.700	14.700	0.0	75	537414	5.12	
188 Indeno[1,2,3-cd]pyrene	276	16.537	16.543	-0.006	83	564896	4.88	
189 Dibenz(a,h)anthracene	278	16.564	16.570	-0.006	55	464016	4.75	
190 Benzo[g,h,i]perylene	276	17.024	17.035	-0.011	78	473749	4.94	
S 191 Methyl Phenols,Total	100				0		10.3	
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	7.488	0.0	7.488	91	60068	0	
T 192 Octadecane (TIC)	57		0.000					1
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	5.896	5.100	0.796	6	3675	0	
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	7.942	8.274	-0.339	0	16282	0.1286	
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					1
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

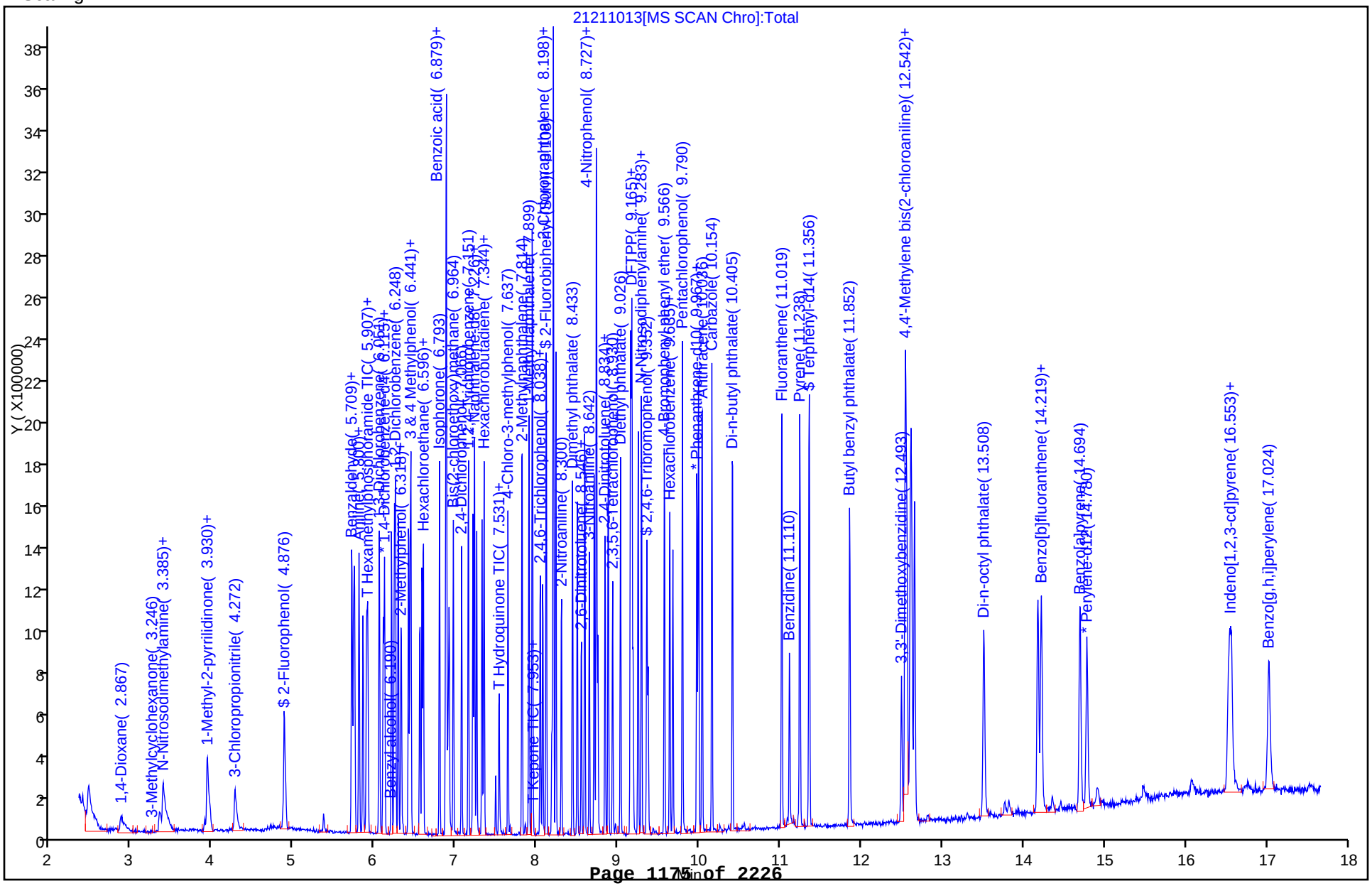
Report Date: 12-Dec-2012 07:43:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211013.D

Injection Date:	11-Dec-2012 17:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	13
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68161/24

Matrix: Solid | Lab File ID: 21211024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/11/2012 22:10

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.48		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.57		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.08		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.58		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.91		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.57		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.08		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.70		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.04		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.11		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.69		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.12		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.97		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.94		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.22		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.78		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.88		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.53		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	4.44		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.57		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.28		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.52		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.80		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.79		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.96		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.10		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.82		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.69		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.98		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.55		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.93		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	2.78	^	0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	3.89	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68161/24

Matrix: Solid | Lab File ID: 21211024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/11/2012 22:10

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	4.65		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	5.38		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.84		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.49		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.84		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.49		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.668	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	3.65		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.24		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.79		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.48		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.09		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.97		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.62		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.85		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	4.85		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.07		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.76		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	4.65		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.34		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.15		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.05		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	7.54		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.63		0.00020	0.00010	0.00010
108-95-2	Phenol	5.05		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.67		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.71		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.77		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.69		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68161/24

Matrix: Solid | Lab File ID: 21211024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/11/2012 22:10

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	89		50-150
367-12-4	2-Fluorophenol (Surr)	98		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	97		50-150
1718-51-0	Terphenyl-d14 (Surr)	93		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	108		50-150
4165-62-2	Phenol-d5 (Surr)	103	Q	50-150

Report Date: 12-Dec-2012 08:52:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211024.D
Lims ID: mrl qccl Client ID:
Inject. Date: 11-Dec-2012 22:10:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015722-024
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 68161 Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 08:51:59 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 08:40:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.096	6.099	-0.003	84	142986	4.00	
* 2 Naphthalene-d8	136	7.202	7.205	-0.003	99	606022	4.00	
* 3 Acenaphthene-d10	164	8.703	8.706	-0.003	77	376254	4.00	
* 4 Phenanthrene-d10	188	9.969	9.972	-0.003	94	614559	4.00	
* 5 Chrysene-d12	240	12.614	12.622	-0.008	75	646554	4.00	
* 6 Perylene-d12	264	14.777	14.791	-0.014	95	503603	4.00	
$ 7 2-Fluorophenol	112	4.878	4.881	-0.003	94	256569	4.91	
$ 8 Phenol-d5	99	5.733	5.736	-0.003	0	389308	5.14	
$ 9 Nitrobenzene-d5	82	6.577	6.580	-0.003	82	498714	4.85	
$ 10 2-Fluorobiphenyl (Surr)	172	8.110	8.113	-0.003	99	645353	4.45	
$ 11 2,4,6-Tribromophenol	330	9.366	9.369	-0.003	70	61698	5.41	
$ 12 Terphenyl-d14	244	11.348	11.356	-0.008	96	606975	4.67	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.864	2.862	0.002	86	120622	4.68	M
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
38 2-Methylcyclohexanone	68	3.313	3.292	0.021	1	265	0	
39 3-Methylcyclohexanone	69	3.313	3.319	-0.006	1	356	0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
26 N-Nitrosodimethylamine	74	3.334	3.332	0.002	73	167082	5.26	
40 4-Methylcyclohexanone	55	3.350	3.356	-0.006	1	2518	0	
27 Pyridine	79	3.377	3.385	-0.008	90	334934	4.93	
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					
28 Ethyl methacrylate	69	3.927	3.930	-0.003	78	317111	5.06	
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
29 3-Chloropropionitrile	54	4.264	4.272	-0.008	84	139876	5.02	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.673					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					9
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
104 1,4-Dinitrobenzene	168		5.712					
41 Benzaldehyde	77	5.712	5.715	-0.003	81	422130	5.55	
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.744	5.747	-0.003	91	436322	5.05	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.797	5.800	-0.003	94	534289	5.11	
69 Bis(2-chloroethyl)ether	93	5.845	5.848	-0.003	96	406648	5.12	
46 2-Chlorophenol	128	5.909	5.907	0.002	88	233803	4.82	
47 1,3-Dichlorobenzene	146	6.048	6.051	-0.003	80	316618	4.96	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.112	6.115	-0.003	81	258875	4.80	
117 1-Naphthylamine	143		6.166					9
119 2,3,4,6-Tetrachlorophenol	232		6.203					
49 Benzyl alcohol	108	6.203	6.206	-0.003	86	190935	5.11	
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146	6.246	6.254	-0.008	77	291418	4.79	
51 2-Methylphenol	108	6.283	6.286	-0.003	94	275591	5.09	
122 Thionazin	97		6.305					9
53 2,2'-oxybis[1-chloropropane]	45	6.315	6.324	-0.009	96	404066	5.17	
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					9
21 3 & 4 Methylphenol	108	6.411	6.414	-0.003	82	288726	4.97	
130 Diphenylamine	169		6.428					
57 N-Nitrosodi-n-propylamine	70	6.427	6.430	-0.003	70	297183	5.15	
58 Acetophenone	105	6.438	6.441	-0.003	87	448659	5.16	
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117	6.545	6.553	-0.008	93	101520	3.65	
62 Nitrobenzene	77	6.593	6.596	-0.003	78	523208	4.76	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
140 Dimethoate	87		6.764					
64 Isophorone	82	6.791	6.794	-0.003	94	766596	4.79	
66 2-Nitrophenol	139	6.865	6.869	-0.004	82	122494	4.65	
67 1,3,5-Trichlorobenzene	180	6.876	6.879	-0.003	81	262331	4.48	
65 2,4-Dimethylphenol	107	6.876	6.879	-0.003	96	343397	4.98	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
71 Benzoic acid	122	6.914	6.933	-0.019	75	260853	8.70	
70 Bis(2-chloroethoxy)methane	93	6.962	6.965	-0.003	98	493305	4.69	
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.068	7.066	0.002	92	193421	4.82	
74 1,2,4-Trichlorobenzene	180	7.149	7.152	-0.003	82	270551	4.71	
75 Naphthalene	128	7.223	7.226	-0.003	97	713622	4.62	
76 4-Chloroaniline	127	7.250	7.253	-0.003	78	298262	4.75	
152 Methyl parathion	109		7.282					
79 Hexachlorobutadiene	225	7.314	7.317	-0.003	85	141222	4.49	
80 1,2,3-Trichlorobenzene	180		7.344					
84 Caprolactam	113	7.528	7.536	-0.008	78	87591	5.59	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
86 4-Chloro-3-methylphenol	107	7.640	7.643	-0.003	83	289943	4.88	
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.811	7.814	-0.003	85	465841	4.48	
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142	7.896	7.900	-0.004	81	444544	4.66	
89 Hexachlorocyclopentadiene	237	7.939	7.942	-0.003	37	23874	0.6678	
90 1,2,3,5-Tetrachlorobenzene	216	7.939	7.942	-0.003	86	262464	4.62	
92 2,4,6-Trichlorophenol	196	8.035	8.038	-0.003	84	145437	4.69	
93 2,4,5-Trichlorophenol	196	8.067	8.071	-0.003	91	157427	4.77	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.174	8.183	-0.009	92	114793	3.92	
229 Aramite Peak 2	185		8.185					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.199					
98 1,1'-Biphenyl	154	8.196	8.204	-0.008	95	576830	4.48	
100 2-Chloronaphthalene	162	8.228	8.231	-0.003	97	527665	4.53	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
164 Chlorobenzilate	139		8.297					
102 2-Nitroaniline	65	8.297	8.300	-0.003	68	214667	4.85	
105 Dimethyl phthalate	163	8.431	8.439	-0.008	92	512571	4.55	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.489	8.498	-0.009	70	135722	4.81	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.543	8.546	-0.003	79	63927	4.45	
109 Acenaphthylene	152	8.586	8.589	-0.003	88	748469	4.57	
110 3-Nitroaniline	138	8.639	8.647	-0.008	82	127866	4.85	
171 2-Acetylaminofluorene	181		8.713					
112 Acenaphthene	153	8.730	8.733	-0.003	92	473592	4.48	
111 2,4-Dinitrophenol	184	8.725	8.733	-0.008	50	49632	3.89	
113 4-Nitrophenol	109	8.746	8.749	-0.003	85	90824	4.34	
114 2,4-Dinitrotoluene	165	8.837	8.840	-0.003	74	179394	4.65	
116 Dibenzofuran	168	8.874	8.877	-0.003	85	649640	4.52	
118 2,3,5,6-Tetrachlorophenol	232	8.928	8.931	-0.003	84	123139	4.55	
121 Diethyl phthalate	149	9.024	9.032	-0.008	94	528849	4.69	
123 4-Chlorophenyl phenyl ether	204	9.147	9.150	-0.003	92	307146	4.44	
125 4-Nitroaniline	138	9.157	9.166	-0.009	77	143430	5.07	
126 Fluorene	166	9.163	9.171	-0.008	68	544156	4.49	
128 4,6-Dinitro-2-methylphenol	198	9.179	9.187	-0.008	63	45089	2.78	
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.243	9.246	-0.003	98	411387	5.05	
132 1,2-Diphenylhydrazine	77	9.280	9.289	-0.008	100	972095	4.94	
133 Azobenzene	77	9.280	9.289	-0.008	93	973768	4.95	
139 4-Bromophenyl phenyl ether	248	9.569	9.572	-0.003	67	167025	4.94	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.633	9.636	-0.003	74	161305	4.84	
142 Atrazine	200	9.670	9.678	-0.008	77	127860	5.31	
143 Pentachlorophenol	266	9.788	9.796	-0.008	70	152731	7.54	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					9
148 Phenanthrene	178	9.985	9.994	-0.009	83	778553	4.63	
149 Anthracene	178	10.033	10.036	-0.003	82	823427	5.08	
150 DFTPP								
151 Carbazole	167	10.151	10.159	-0.008	83	732659	4.78	
154 Di-n-butyl phthalate	149	10.402	10.410	-0.008	99	935668	4.93	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	11.011	11.019	-0.008	78	870118	4.84	
160 Benzidine	184	11.107	11.110	-0.003	86	368122	4.71	
161 Pyrene	202	11.235	11.244	-0.009	72	905707	4.67	
166 4,4'-DDE	246		11.303					9
165 4,4'-DDD	235		11.698					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.850	11.858	-0.008	89	423343	5.22	
170 4,4'-DDT	235		11.997					
172 3,3'-Dimethoxybenzidine	244	12.485	12.494	-0.009	80	219219	5.71	
175 3,3'-Dichlorobenzidine	252	12.539	12.542	-0.003	73	309363	5.10	
174 4,4'-Methylene bis(2-chloroanili	231	12.539	12.542	-0.003	70	159455	4.89	
173 Bis(2-ethylhexyl) phthalate	149	12.549	12.563	-0.014	94	582074	4.97	
177 Benzo[a]anthracene	228	12.598	12.606	-0.008	79	819318	4.58	
178 Chrysene	228	12.651	12.659	-0.008	85	754231	4.57	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.500	13.514	-0.014	100	1020918	5.38	
182 Benzo[b]fluoranthene	252	14.168	14.182	-0.014	87	713548	4.57	
183 Benzo[k]fluoranthene	252	14.211	14.225	-0.014	88	780391	5.04	
184 Benzo[a]pyrene	252	14.686	14.700	-0.014	73	688004	4.91	
188 Indeno[1,2,3-cd]pyrene	276	16.524	16.543	-0.019	80	655091	4.24	
189 Dibenz(a,h)anthracene	278	16.556	16.570	-0.014	57	557771	4.28	
190 Benzo[g,h,i]perylene	276	17.021	17.035	-0.014	82	521691	4.08	
S 191 Methyl Phenols,Total	100				0		10.1	
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					
T 192 Octadecane (TIC)	57		0.000					1
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					
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					
T 197 Hexachlorophene TIC	198		9.269					24
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
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

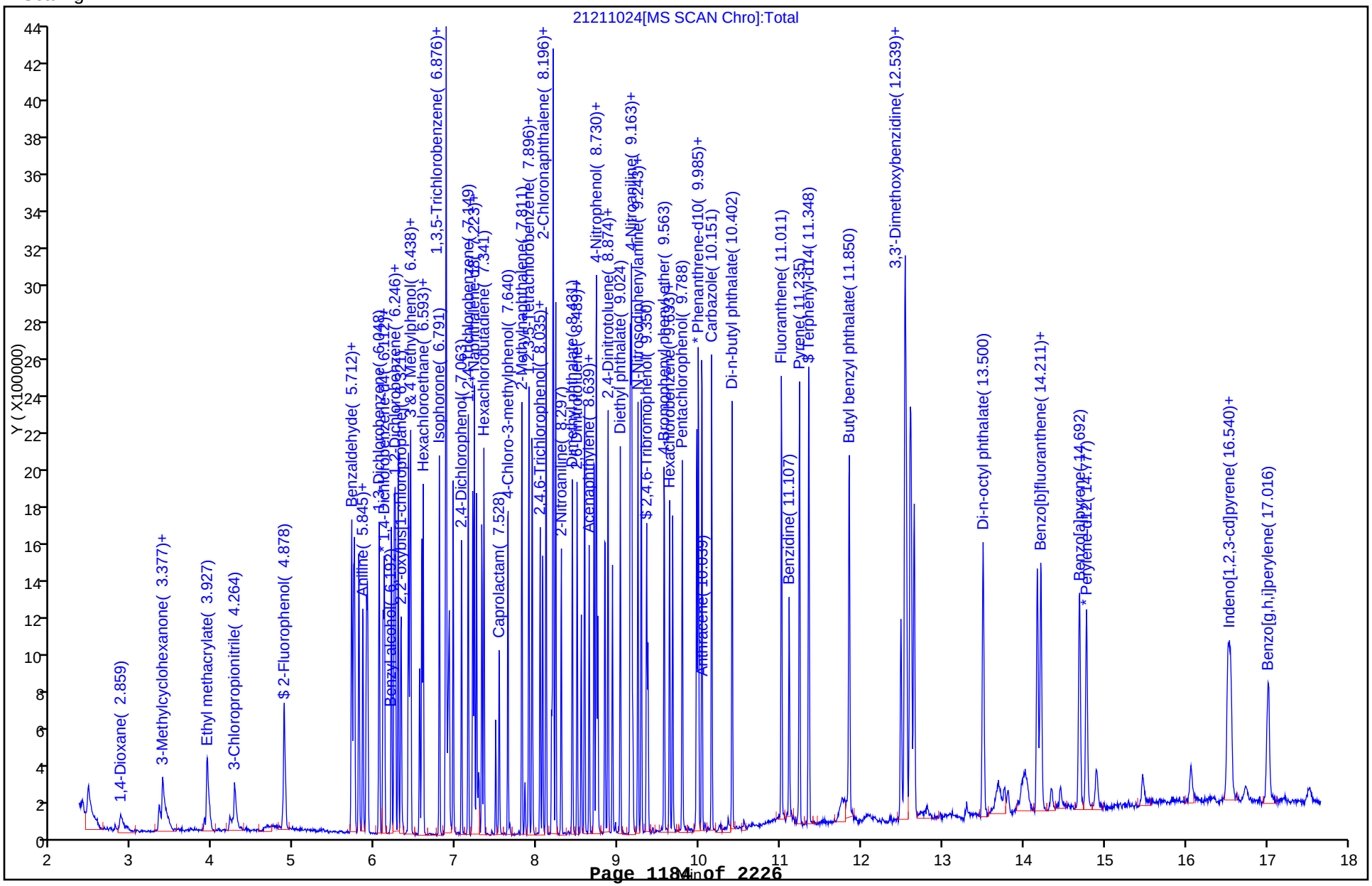
Report Date: 12-Dec-2012 08:52:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211024.D

Injection Date:	11-Dec-2012 22:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	24
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS | Lab Sample ID: 240-17467-2 MS

Matrix: Solid | Lab File ID: 21203022.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.06(g) | Date Analyzed: 12/03/2012 20:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	737		11	5.2	5.2
208-96-8	Acenaphthylene	730		11	5.2	5.2
120-12-7	Anthracene	749		11	5.2	5.2
56-55-3	Benzo[a]anthracene	985		11	5.2	5.2
50-32-8	Benzo[a]pyrene	919		11	5.2	5.2
205-99-2	Benzo[b]fluoranthene	1130		11	5.2	5.2
191-24-2	Benzo[g,h,i]perylene	550		11	5.2	5.2
65-85-0	Benzoic acid	1210	J	1000	530	530
207-08-9	Benzo[k]fluoranthene	914		11	5.2	5.2
100-51-6	Benzyl alcohol	775		520	43	33
111-91-1	Bis(2-chloroethoxy)methane	740		160	43	35
111-44-4	Bis(2-chloroethyl)ether	720		160	5.2	3.2
108-60-1	bis (2-chloroisopropyl) ether	757		160	43	15
101-55-3	4-Bromophenyl phenyl ether	737		79	43	21
85-68-7	Butyl benzyl phthalate	772		79	43	16
86-74-8	Carbazole	695		79	43	43
106-47-8	4-Chloroaniline	352		240	43	27
59-50-7	4-Chloro-3-methylphenol	760		240	43	33
91-58-7	2-Chloronaphthalene	701		79	5.2	5.2
95-57-8	2-Chlorophenol	717		79	43	43
7005-72-3	4-Chlorophenyl phenyl ether	710		79	43	21
218-01-9	Chrysene	1030		11	5.2	1.7
53-70-3	Dibenz(a,h)anthracene	523		11	5.2	5.2
132-64-9	Dibenzofuran	721		79	5.2	5.2
106-46-7	1,4-Dichlorobenzene	743		79	43	32
95-50-1	1,2-Dichlorobenzene	796		79	43	15
541-73-1	1,3-Dichlorobenzene	663		79	43	17
91-94-1	3,3'-Dichlorobenzidine	57.9	J	160	130	29
120-83-2	2,4-Dichlorophenol	744		240	43	32
84-66-2	Diethyl phthalate	711		79	43	25
105-67-9	2,4-Dimethylphenol	501		240	130	32
131-11-3	Dimethyl phthalate	721		79	43	27
84-74-2	Di-n-butyl phthalate	726		79	43	24
534-52-1	4,6-Dinitro-2-methylphenol	380		240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS | Lab Sample ID: 240-17467-2 MS

Matrix: Solid | Lab File ID: 21203022.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.06(g) | Date Analyzed: 12/03/2012 20:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	353	J	520	130	130
121-14-2	2,4-Dinitrotoluene	755		320	43	43
606-20-2	2,6-Dinitrotoluene	787		320	43	33
117-84-0	Di-n-octyl phthalate	878		79	43	43
206-44-0	Fluoranthene	1420		11	5.2	5.2
86-73-7	Fluorene	743		11	5.2	5.2
118-74-1	Hexachlorobenzene	691		11	5.2	3.3
87-68-3	Hexachlorobutadiene	641		79	43	43
77-47-4	Hexachlorocyclopentadiene	43	U	520	43	43
67-72-1	Hexachloroethane	418		79	43	14
193-39-5	Indeno[1,2,3-cd]pyrene	622		11	5.2	5.2
78-59-1	Isophorone	727		79	43	21
91-57-6	2-Methylnaphthalene	737		11	5.2	5.2
95-48-7	2-Methylphenol	708		320	130	130
15831-10-4	3 & 4 Methylphenol	1510		630	130	32
91-20-3	Naphthalene	693		11	5.2	5.2
88-74-4	2-Nitroaniline	784		320	43	14
99-09-2	3-Nitroaniline	316	J	320	130	25
100-01-6	4-Nitroaniline	322	J	320	43	41
98-95-3	Nitrobenzene	734		160	5.2	3.5
88-75-5	2-Nitrophenol	761		79	43	43
100-02-7	4-Nitrophenol	810		520	130	130
621-64-7	N-Nitrosodi-n-propylamine	793		79	43	43
86-30-6	N-Nitrosodiphenylamine	714		79	43	33
87-86-5	Pentachlorophenol	456		240	130	130
85-01-8	Phenanthrene	1040		11	5.2	5.2
108-95-2	Phenol	766		79	43	43
129-00-0	Pyrene	1280		11	5.2	5.2
120-82-1	1,2,4-Trichlorobenzene	660		79	43	43
95-95-4	2,4,5-Trichlorophenol	729		240	43	40
88-06-2	2,4,6-Trichlorophenol	688		240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS | Lab Sample ID: 240-17467-2 MS

Matrix: Solid | Lab File ID: 21203022.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.06(g) | Date Analyzed: 12/03/2012 20:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	64		35-125
4165-62-2	Phenol-d5 (Surr)	73		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203022.D
Lims ID: 240-17467-M-2-B MS Client ID: 075SD-0002-0002-SD
Inject. Date: 03-Dec-2012 20:06:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015467-022
Misc. Info.: 240-17467-M-2-B MS =240-17467-M-2-B MS
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 67070 Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 09:05:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.052	6.050	0.002	85	143297	4.00	
* 2 Naphthalene-d8	136	7.157	7.156	0.001	98	631390	4.00	
* 3 Acenaphthene-d10	164	8.653	8.652	0.001	77	407807	4.00	
* 4 Phenanthrene-d10	188	9.914	9.918	-0.004	75	728383	4.00	
* 5 Chrysene-d12	240	12.537	12.541	-0.004	77	728313	4.00	
* 6 Perylene-d12	264	14.679	14.677	0.002	91	517282	4.00	
$ 7 2-Fluorophenol	112	4.844	4.832	0.012	92	557175	9.88	
$ 8 Phenol-d5	99	5.694	5.687	0.007	0	896180	11.0	
$ 9 Nitrobenzene-d5	82	6.527	6.531	-0.004	84	620260	6.42	
$ 10 2-Fluorobiphenyl (Surr)	172	8.060	8.059	0.001	97	829430	6.12	
$ 11 2,4,6-Tribromophenol	330	9.316	9.319	-0.003	82	151882	9.62	
$ 12 Terphenyl-d14	244	11.292	11.291	0.001	82	1010598	6.77	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.777	2.807	-0.030	66	108237	3.89	M
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74	3.268	3.272	-0.004	74	256429	7.02	
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.311	3.320	-0.009	90	415425	5.57	
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.876					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					9
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					9
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					9
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.662	5.665	-0.003	80	489127	7.01	
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94	5.704	5.703	0.001	92	669117	7.25	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
44 Aniline	93	5.752	5.751	0.001	84	312416	2.71	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93	5.800	5.804	-0.004	89	485207	6.82	
46 2-Chlorophenol	128	5.865	5.858	0.007	84	355152	6.79	
47 1,3-Dichlorobenzene	146	6.003	6.002	0.001	80	353036	6.28	
48 1,4-Dichlorobenzene	146	6.068	6.066	0.002	70	399623	7.03	
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108	6.153	6.157	-0.004	82	316339	7.33	
117 1-Naphthylamine	143		6.166					9
50 1,2-Dichlorobenzene	146	6.201	6.199	0.002	74	412193	7.54	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					9
51 2-Methylphenol	108	6.244	6.237	0.007	93	412402	6.70	
53 2,2'-oxybis[1-chloropropane]	45	6.271	6.274	-0.003	94	519857	7.17	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.372	6.365	0.007	91	938400	14.3	
127 Tributyl phosphate	99		6.379					
57 N-Nitrosodi-n-propylamine	70	6.383	6.386	-0.003	69	484250	7.50	
58 Acetophenone	105	6.393	6.392	0.001	66	650864	6.85	
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117	6.500	6.504	-0.004	86	105081	3.95	
134 Sulfotepp	202		6.518					9
62 Nitrobenzene	77	6.543	6.547	-0.004	72	707137	6.95	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
64 Isophorone	82	6.746	6.744	0.002	94	1276314	6.88	
140 Dimethoate	87		6.764					9
66 2-Nitrophenol	139	6.821	6.819	0.002	88	199682	7.20	
65 2,4-Dimethylphenol	107	6.831	6.830	0.001	96	369449	4.74	
67 1,3,5-Trichlorobenzene	180		6.830					9
71 Benzoic acid	122	6.874	6.889	-0.015	69	359797	11.5	
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93	6.917	6.915	0.002	99	665058	7.01	
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
146 Disulfoton	88		7.010					9
73 2,4-Dichlorophenol	162	7.018	7.017	0.001	89	315204	7.05	
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180	7.099	7.102	-0.003	77	345726	6.25	
75 Naphthalene	128	7.173	7.177	-0.004	79	1137967	6.56	
76 4-Chloroaniline	127	7.205	7.204	0.001	68	228769	3.34	
79 Hexachlorobutadiene	225	7.270	7.268	0.002	85	182989	6.06	
152 Methyl parathion	109		7.282					
80 1,2,3-Trichlorobenzene	180		7.295					9
84 Caprolactam	113	7.483	7.487	-0.004	80	157085	8.61	
155 Ethyl Parathion	97		7.560					
86 4-Chloro-3-methylphenol	107	7.590	7.594	-0.004	80	471958	7.19	
156 4-Nitroquinoline-1-oxide	190		7.613					9
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.761	7.759	0.002	85	758481	6.98	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.846	7.850	-0.004	82	725350	6.90	
90 1,2,3,5-Tetrachlorobenzene	216		7.888					9
89 Hexachlorocyclopentadiene	237		7.893					
92 2,4,6-Trichlorophenol	196	7.985	7.989	-0.004	85	229832	6.51	
93 2,4,5-Trichlorophenol	196	8.017	8.016	0.001	83	268015	6.90	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.133					
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					9
98 1,1'-Biphenyl	154	8.151	8.149	0.002	94	968550	6.58	
100 2-Chloronaphthalene	162	8.178	8.181	-0.003	97	746236	6.64	
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65	8.247	8.246	0.001	70	388391	7.42	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163	8.386	8.384	0.002	93	904572	6.83	
107 2,6-Dinitrotoluene	165	8.445	8.443	0.002	73	205179	7.45	
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168	8.493	8.497	-0.004	81	94018	6.94	
169 3,3'-Dimethylbenzidine	212		8.516					9
109 Acenaphthylene	152	8.536	8.534	0.002	73	1239890	6.91	
110 3-Nitroaniline	138	8.594	8.593	0.001	79	88754	2.99	
111 2,4-Dinitrophenol	184	8.680	8.678	0.002	45	35724	3.34	
112 Acenaphthene	153	8.680	8.678	0.002	92	793640	6.98	
113 4-Nitrophenol	109	8.701	8.700	0.001	85	167269	7.67	
171 2-Acetylaminofluorene	181		8.713					9
114 2,4-Dinitrotoluene	165	8.787	8.785	0.002	77	264112	7.14	
116 Dibenzofuran	168	8.824	8.822	0.002	87	1121110	6.83	
118 2,3,5,6-Tetrachlorophenol	232	8.878	8.881	-0.003	82	174308	5.40	
121 Diethyl phthalate	149	8.979	8.977	0.002	95	882876	6.73	
123 4-Chlorophenyl phenyl ether	204	9.097	9.100	-0.003	87	474100	6.72	
125 4-Nitroaniline	138	9.113	9.111	0.002	67	95015	3.04	
126 Fluorene	166	9.118	9.116	0.002	55	977347	7.03	
128 4,6-Dinitro-2-methylphenol	198	9.129	9.132	-0.003	71	85159	3.59	
131 N-Nitrosodiphenylamine	169	9.193	9.191	0.002	95	680327	6.76	
176 Hexabromobenzene	232	9.198	9.208	-0.010	1	1226	0	
133 Azobenzene	77	9.230	9.234	-0.004	93	1687383	6.89	
132 1,2-Diphenylhydrazine	77	9.230	9.234	-0.004	100	1690295	6.90	
139 4-Bromophenyl phenyl ether	248	9.519	9.517	0.002	65	256182	6.97	
179 6-Methylchrysene	242		9.576					9
141 Hexachlorobenzene	284	9.583	9.581	0.002	81	242302	6.54	
142 Atrazine	200	9.625	9.624	0.001	76	268418	8.38	
143 Pentachlorophenol	266	9.738	9.741	-0.003	78	106597	4.32	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.935	9.939	-0.004	81	2149667	9.88	
149 Anthracene	178	9.978	9.982	-0.004	83	1545668	7.09	
151 Carbazole	167	10.101	10.105	-0.004	62	1284867	6.58	
154 Di-n-butyl phthalate	149	10.357	10.356	0.001	99	1648133	6.87	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.956	10.959	-0.003	77	3346646	13.5	
160 Benzidine	184		11.050					
161 Pyrene	202	11.175	11.178	-0.003	73	3064077	12.2	
166 4,4'-DDE	246		11.233					
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149	11.784	11.787	-0.003	83	735113	7.31	
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244		12.418					
174 4,4'-Methylene bis(2-chloroanili	231		12.466					
175 3,3'-Dichlorobenzidine	252	12.473	12.466	0.007	9	26949	0.5484	
173 Bis(2-ethylhexyl) phthalate	149	12.478	12.482	-0.004	92	1097315	7.33	
177 Benzo[a]anthracene	228	12.521	12.525	-0.004	85	2115492	9.33	
178 Chrysene	228	12.574	12.573	0.001	84	2018144	9.70	
180 Di-n-octyl phthalate	149	13.418	13.422	-0.004	98	1789647	8.31	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	14.081	14.079	0.002	83	1911872	10.7	
183 Benzo[k]fluoranthene	252	14.123	14.122	0.001	90	1595882	8.65	
184 Benzo[a]pyrene	252	14.594	14.597	-0.003	76	1473039	8.70	
188 Indeno[1,2,3-cd]pyrene	276	16.399	16.403	-0.004	71	1094350	5.89	
189 Dibenz(a,h)anthracene	278	16.431	16.430	0.001	70	755598	4.95	
190 Benzo[g,h,i]perylene	276	16.885	16.889	-0.004	78	812987	5.21	
S 191 Methyl Phenols,Total	100				0		21.0	
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					1
T 192 Octadecane (TIC)	57		0.000					1
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					1
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
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

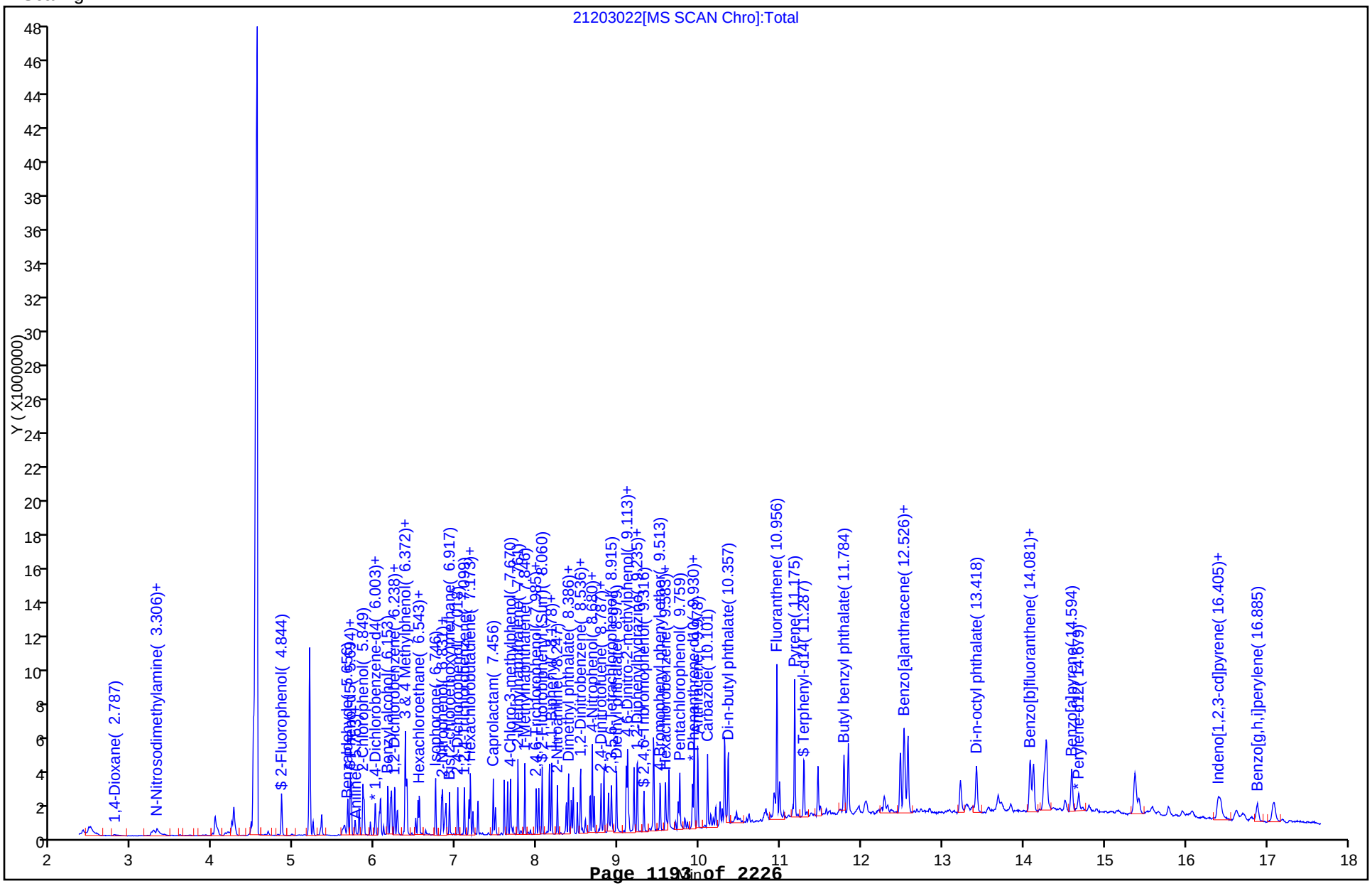
Report Date: 04-Dec-2012 09:30:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203022.D

Injection Date:	03-Dec-2012 20:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0002-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	22
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS RE | Lab Sample ID: 240-17467-2 MS RE

Matrix: Solid | Lab File ID: 21211021.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.52(g) | Date Analyzed: 12/11/2012 20:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	*Acenaphthene*	*781*	*H*	*11*	5.3	*5.3*
208-96-8	*Acenaphthylene*	*810*	*H*	*11*	5.3	*5.3*
120-12-7	*Anthracene*	*971*	*H*	*11*	5.3	*5.3*
56-55-3	*Benzo[a]anthracene*	*1000*	*H*	*11*	5.3	*5.3*
50-32-8	*Benzo[a]pyrene*	*997*	*H*	*11*	5.3	*5.3*
205-99-2	*Benzo[b]fluoranthene*	*1100*	*H*	*11*	5.3	*5.3*
191-24-2	*Benzo[g,h,i]perylene*	*849*	*H*	*11*	5.3	*5.3*
65-85-0	*Benzoic acid*	*1160*	*H*	*1100*	540	*540*
207-08-9	*Benzo[k]fluoranthene*	*1030*	*H*	*11*	5.3	*5.3*
100-51-6	*Benzyl alcohol*	*744*	*H*	*530*	44	*34*
111-91-1	*Bis(2-chloroethoxy)methane*	*538*	*H*	*160*	44	*35*
111-44-4	*Bis(2-chloroethyl)ether*	*538*	*H*	*160*	5.3	*3.2*
108-60-1	*bis (2-chloroisopropyl) ether*	*544*	*H*	*160*	44	*15*
117-81-7	Bis(2-ethylhexyl) phthalate	1040	H	81	44	31
101-55-3	*4-Bromophenyl phenyl ether*	*761*	*H*	*81*	44	*21*
85-68-7	*Butyl benzyl phthalate*	*1040*	*H*	*81*	44	*16*
86-74-8	*Carbazole*	*902*	*H*	*81*	44	*44*
106-47-8	*4-Chloroaniline*	*335*	*H*	*240*	44	*27*
59-50-7	*4-Chloro-3-methylphenol*	*906*	*H*	*240*	44	*34*
91-58-7	*2-Chloronaphthalene*	*643*	*H*	*81*	5.3	*5.3*
95-57-8	*2-Chlorophenol*	*690*	*H*	*81*	44	*44*
7005-72-3	*4-Chlorophenyl phenyl ether*	*719*	*H*	*81*	44	*21*
218-01-9	*Chrysene*	*1090*	*H*	*11*	5.3	*1.8*
53-70-3	*Dibenz(a,h)anthracene*	*837*	*H*	*11*	5.3	*5.3*
132-64-9	*Dibenzofuran*	*845*	*H*	*81*	5.3	*5.3*
106-46-7	*1,4-Dichlorobenzene*	*586*	*H*	*81*	44	*32*
95-50-1	*1,2-Dichlorobenzene*	*521*	*H*	*81*	44	*16*
541-73-1	*1,3-Dichlorobenzene*	*474*	*H*	*81*	44	*18*
91-94-1	*3,3'-Dichlorobenzidine*	*130*	*U H J*	*160*	130	*29*
120-83-2	*2,4-Dichlorophenol*	*822*	*H*	*240*	44	*32*
84-66-2	*Diethyl phthalate*	*913*	*H*	*81*	44	*26*
105-67-9	*2,4-Dimethylphenol*	*704*	*H*	*240*	130	*32*
131-11-3	*Dimethyl phthalate*	*880*	*H*	*81*	44	*27*
84-74-2	*Di-n-butyl phthalate*	*1010*	*H*	*81*	44	*24*

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS RE | Lab Sample ID: 240-17467-2 MS RE

Matrix: Solid | Lab File ID: 21211021.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.52(g) | Date Analyzed: 12/11/2012 20:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	788	H	240	130	130
51-28-5	2,4-Dinitrophenol	726	H	530	130	130
121-14-2	2,4-Dinitrotoluene	816	H	320	44	44
606-20-2	2,6-Dinitrotoluene	803	H	320	44	34
117-84-0	Di-n-octyl phthalate	1040	H	81	44	44
206-44-0	Fluoranthene	1190	H	11	5.3	5.3
86-73-7	Fluorene	859	H	11	5.3	5.3
118-74-1	Hexachlorobenzene	747	H	11	5.3	3.4
87-68-3	Hexachlorobutadiene	492	H	81	44	44
77-47-4	Hexachlorocyclopentadiene	44	U H	530	44	44
67-72-1	Hexachloroethane	338	H J	81	44	15
193-39-5	Indeno[1,2,3-cd]pyrene	902	H	11	5.3	5.3
78-59-1	Isophorone	704	H	81	44	21
91-57-6	2-Methylnaphthalene	677	H	11	5.3	5.3
95-48-7	2-Methylphenol	768	H	320	130	130
15831-10-4	3 & 4 Methylphenol	1580	H	650	130	32
91-20-3	Naphthalene	613	H	11	5.3	5.3
88-74-4	2-Nitroaniline	936	H	320	44	15
99-09-2	3-Nitroaniline	307	J H	320	130	26
100-01-6	4-Nitroaniline	262	H J	320	44	42
98-95-3	Nitrobenzene	522	H	160	5.3	3.5
88-75-5	2-Nitrophenol	701	H	81	44	44
100-02-7	4-Nitrophenol	953	H	530	130	130
621-64-7	N-Nitrosodi-n-propylamine	701	H	81	44	44
86-30-6	N-Nitrosodiphenylamine	946	H	81	44	34
87-86-5	Pentachlorophenol	527	H	240	130	130
85-01-8	Phenanthrene	1030	H	11	5.3	5.3
108-95-2	Phenol	744	H	81	44	44
129-00-0	Pyrene	1090	H	11	5.3	5.3
120-82-1	1,2,4-Trichlorobenzene	505	H	81	44	44
95-95-4	2,4,5-Trichlorophenol	894	H	240	44	40
88-06-2	2,4,6-Trichlorophenol	830	H	240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS RE | Lab Sample ID: 240-17467-2 MS RE

Matrix: Solid | Lab File ID: 21211021.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.52(g) | Date Analyzed: 12/11/2012 20:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	47		35-100
1718-51-0	Terphenyl-d14 (Surr)	74		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211021.D
Lims ID: 240-17467-L-2-H MS Client ID: 075SD-0002-0002-SD
Inject. Date: 11-Dec-2012 20:55:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015722-021
Misc. Info.: 240-17467-L-2-H MS =240-17467-L-2-H MS
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 68161 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 08:51:59 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 08:33:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.100	6.099	0.001	94	107514	4.00	
* 2 Naphthalene-d8	136	7.206	7.205	0.001	99	449227	4.00	
* 3 Acenaphthene-d10	164	8.701	8.706	-0.005	69	271802	4.00	
* 4 Phenanthrene-d10	188	9.967	9.972	-0.005	75	445518	4.00	
* 5 Chrysene-d12	240	12.617	12.622	-0.005	78	461302	4.00	
* 6 Perylene-d12	264	14.781	14.791	-0.010	86	345888	4.00	
$ 7 2-Fluorophenol	112	4.887	4.881	0.006	93	353477	9.00	
$ 8 Phenol-d5	99	5.736	5.736	0.0	0	581600	10.2	
$ 9 Nitrobenzene-d5	82	6.575	6.580	-0.005	82	360627	4.73	
$ 10 2-Fluorobiphenyl (Surr)	172	8.108	8.113	-0.005	95	535119	5.11	
$ 11 2,4,6-Tribromophenol	330	9.369	9.369	0.0	83	94088	11.4	
$ 12 Terphenyl-d14	244	11.351	11.356	-0.005	82	685606	7.40	
43 Phenol	94	5.747	5.747	0.0	94	449037	6.91	
69 Bis(2-chloroethyl)ether	93	5.849	5.848	0.001	88	298233	5.00	
46 2-Chlorophenol	128	5.907	5.907	0.0	89	233897	6.42	
47 1,3-Dichlorobenzene	146	6.046	6.051	-0.005	79	211309	4.40	
48 1,4-Dichlorobenzene	146	6.116	6.115	0.001	81	220856	5.45	
49 Benzyl alcohol	108	6.201	6.206	-0.005	83	194447	6.92	
50 1,2-Dichlorobenzene	146	6.249	6.254	-0.005	85	221326	4.84	
51 2-Methylphenol	108	6.287	6.286	0.001	92	290927	7.14	
53 2,2'-oxybis[1-chloropropane]	45	6.319	6.324	-0.005	97	297477	5.06	
21 3 & 4 Methylphenol	108	6.415	6.414	0.001	93	639846	14.7	
57 N-Nitrosodi-n-propylamine	70	6.431	6.430	0.001	69	282879	6.52	
61 Hexachloroethane	117	6.548	6.553	-0.005	87	65701	3.14	
62 Nitrobenzene	77	6.591	6.596	-0.005	73	395088	4.85	
64 Isophorone	82	6.794	6.794	0.0	95	775659	6.54	
66 2-Nitrophenol	139	6.869	6.869	0.0	87	127296	6.52	
65 2,4-Dimethylphenol	107	6.874	6.879	-0.005	96	334128	6.54	
71 Benzoic acid	122	6.917	6.933	-0.016	80	247974	10.8	
70 Bis(2-chloroethoxy)methane	93	6.960	6.965	-0.005	96	390512	5.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162	7.067	7.066	0.001	88	227245	7.64	
74 1,2,4-Trichlorobenzene	180	7.147	7.152	-0.005	79	199978	4.70	
75 Naphthalene	128	7.222	7.226	-0.004	97	653151	5.70	
76 4-Chloroaniline	127	7.254	7.253	0.001	68	144708	3.11	
79 Hexachlorobutadiene	225	7.318	7.317	0.001	86	106512	4.57	
86 4-Chloro-3-methylphenol	107	7.638	7.643	-0.005	80	370786	8.42	
87 2-Methylnaphthalene	142	7.809	7.814	-0.005	87	484493	6.29	
89 Hexachlorocyclopentadiene	237		7.942					
92 2,4,6-Trichlorophenol	196	8.034	8.038	-0.004	82	172902	7.72	
93 2,4,5-Trichlorophenol	196	8.066	8.071	-0.004	88	198177	8.31	
100 2-Chloronaphthalene	162	8.226	8.231	-0.005	97	502394	5.98	
102 2-Nitroaniline	65	8.295	8.300	-0.005	71	278096	8.70	
105 Dimethyl phthalate	163	8.434	8.439	-0.005	93	665824	8.18	
107 2,6-Dinitrotoluene	165	8.493	8.498	-0.005	77	158521	7.47	
109 Acenaphthylene	152	8.584	8.589	-0.005	87	891713	7.53	
110 3-Nitroaniline	138	8.643	8.647	-0.004	87	54300	2.85	
112 Acenaphthene	153	8.728	8.733	-0.005	91	554577	7.26	
111 2,4-Dinitrophenol	184	8.728	8.733	-0.005	55	73546	6.75	
113 4-Nitrophenol	109	8.749	8.749	0.0	85	133826	8.86	
114 2,4-Dinitrotoluene	165	8.835	8.840	-0.005	76	211085	7.58	
116 Dibenzofuran	168	8.872	8.877	-0.005	87	816374	7.86	
121 Diethyl phthalate	149	9.027	9.032	-0.005	95	691324	8.49	
123 4-Chlorophenyl phenyl ether	204	9.150	9.150	0.0	94	333488	6.68	
125 4-Nitroaniline	138	9.161	9.166	-0.005	38	47037	2.44	
126 Fluorene	166	9.166	9.171	-0.005	70	698366	7.98	
128 4,6-Dinitro-2-methylphenol	198	9.182	9.187	-0.005	71	105906	7.32	
131 N-Nitrosodiphenylamine	169	9.241	9.246	-0.005	93	519544	8.79	
139 4-Bromophenyl phenyl ether	248	9.567	9.572	-0.005	67	173502	7.08	
141 Hexachlorobenzene	284	9.636	9.636	0.0	77	167815	6.94	
143 Pentachlorophenol	266	9.791	9.796	-0.005	74	69331	4.90	
148 Phenanthrene	178	9.989	9.994	-0.005	83	1170058	9.61	
149 Anthracene	178	10.032	10.036	-0.004	86	1060729	9.03	
151 Carbazole	167	10.154	10.159	-0.005	83	930972	8.38	
154 Di-n-butyl phthalate	149	10.405	10.410	-0.005	99	1289221	9.38	
159 Fluoranthene	202	11.014	11.019	-0.005	77	1445647	11.1	
161 Pyrene	202	11.239	11.244	-0.005	74	1404642	10.1	
168 Butyl benzyl phthalate	149	11.853	11.858	-0.005	85	559810	9.67	
175 3,3'-Dichlorobenzidine	252		12.542					9
173 Bis(2-ethylhexyl) phthalate	149	12.553	12.563	-0.010	94	806378	9.65	
177 Benzo[a]anthracene	228	12.601	12.606	-0.005	85	1188748	9.30	
178 Chrysene	228	12.654	12.659	-0.005	82	1190576	10.1	
180 Di-n-octyl phthalate	149	13.504	13.514	-0.010	99	1337655	9.63	
182 Benzo[b]fluoranthene	252	14.177	14.182	-0.005	90	1098790	10.2	
183 Benzo[k]fluoranthene	252	14.214	14.225	-0.011	89	1018035	9.57	
184 Benzo[a]pyrene	252	14.695	14.700	-0.005	75	892702	9.27	
188 Indeno[1,2,3-cd]pyrene	276	16.533	16.543	-0.010	80	889868	8.39	
189 Dibenz(a,h)anthracene	278	16.560	16.570	-0.010	75	696551	7.78	
190 Benzo[g,h,i]perylene	276	17.030	17.035	-0.005	86	693993	7.90	

QC Flag Legend

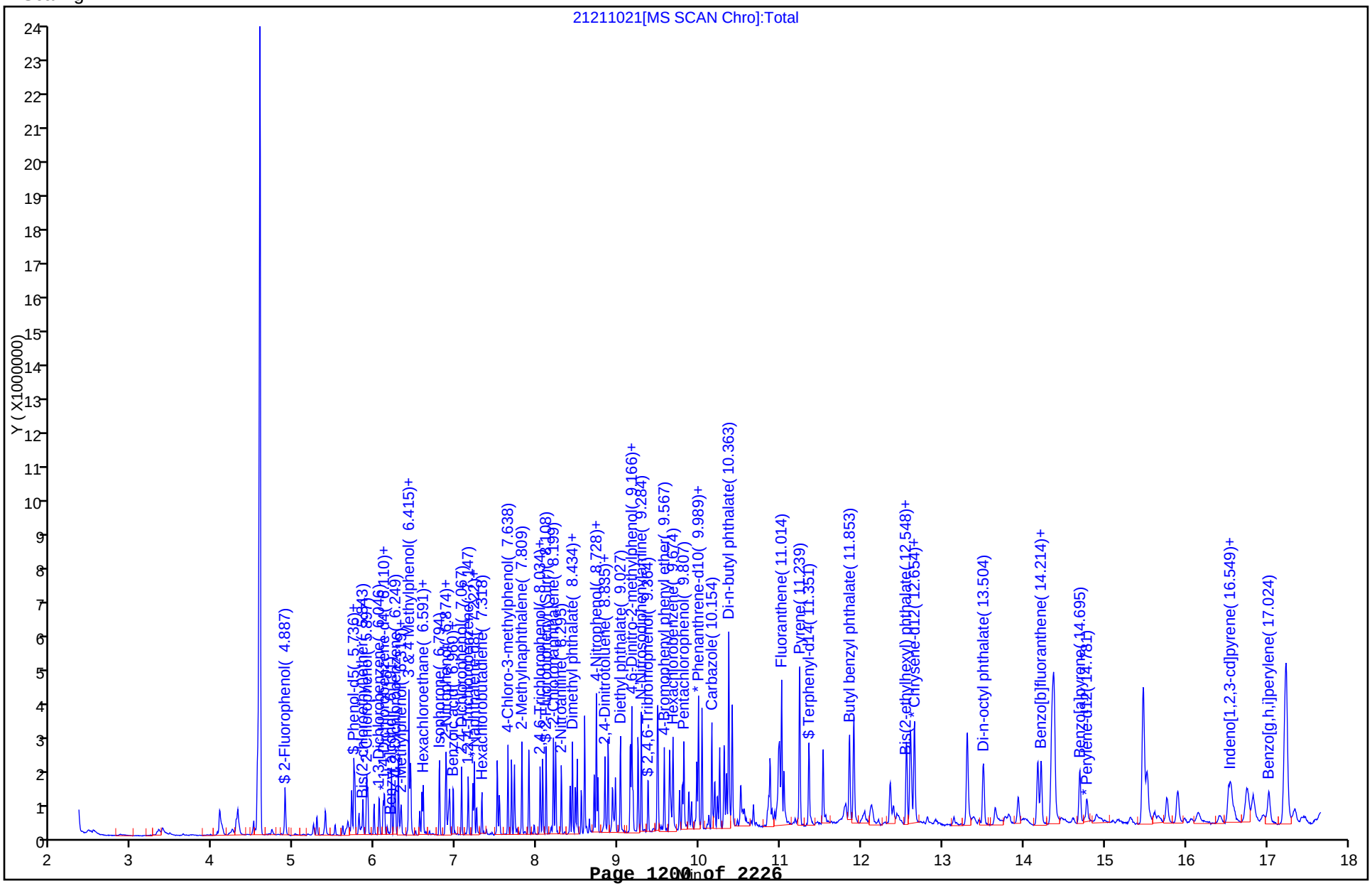
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 12-Dec-2012 08:52:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211021.D		
Injection Date:	11-Dec-2012 20:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0002-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	21
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD | Lab Sample ID: 240-17467-2 MSD

Matrix: Solid | Lab File ID: 21203023.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.08(g) | Date Analyzed: 12/03/2012 20:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	695		11	5.2	5.2
208-96-8	Acenaphthylene	689		11	5.2	5.2
120-12-7	Anthracene	773		11	5.2	5.2
56-55-3	Benzo[a]anthracene	1020		11	5.2	5.2
50-32-8	Benzo[a]pyrene	922		11	5.2	5.2
205-99-2	Benzo[b]fluoranthene	1190		11	5.2	5.2
191-24-2	Benzo[g,h,i]perylene	514	J	11	5.2	5.2
65-85-0	Benzoic acid	1150		1000	530	530
207-08-9	Benzo[k]fluoranthene	893		11	5.2	5.2
100-51-6	Benzyl alcohol	713		520	43	33
111-91-1	Bis(2-chloroethoxy)methane	648		160	43	35
111-44-4	Bis(2-chloroethyl)ether	660		160	5.2	3.2
108-60-1	bis (2-chloroisopropyl) ether	659		160	43	15
101-55-3	4-Bromophenyl phenyl ether	688		79	43	21
85-68-7	Butyl benzyl phthalate	788		79	43	16
86-74-8	Carbazole	700		79	43	43
106-47-8	4-Chloroaniline	285		240	43	27
59-50-7	4-Chloro-3-methylphenol	678		240	43	33
91-58-7	2-Chloronaphthalene	674		79	5.2	5.2
95-57-8	2-Chlorophenol	654		79	43	43
7005-72-3	4-Chlorophenyl phenyl ether	693		79	43	21
218-01-9	Chrysene	1100		11	5.2	1.7
53-70-3	Dibenz(a,h)anthracene	489		11	5.2	5.2
132-64-9	Dibenzofuran	712		79	5.2	5.2
106-46-7	1,4-Dichlorobenzene	654		79	43	32
95-50-1	1,2-Dichlorobenzene	682		79	43	15
541-73-1	1,3-Dichlorobenzene	596		79	43	17
91-94-1	3,3'-Dichlorobenzidine	130	U J	160	130	29
120-83-2	2,4-Dichlorophenol	684		240	43	32
84-66-2	Diethyl phthalate	695		79	43	25
105-67-9	2,4-Dimethylphenol	397		240	130	32
131-11-3	Dimethyl phthalate	706		79	43	27
84-74-2	Di-n-butyl phthalate	712		79	43	24
534-52-1	4,6-Dinitro-2-methylphenol	317		240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD | Lab Sample ID: 240-17467-2 MSD

Matrix: Solid | Lab File ID: 21203023.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.08(g) | Date Analyzed: 12/03/2012 20:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
51-28-5	2,4-Dinitrophenol	336	J	520	130	130
121-14-2	2,4-Dinitrotoluene	748		320	43	43
606-20-2	2,6-Dinitrotoluene	749		320	43	33
117-84-0	Di-n-octyl phthalate	878		79	43	43
206-44-0	Fluoranthene	1540		11	5.2	5.2
86-73-7	Fluorene	707		11	5.2	5.2
118-74-1	Hexachlorobenzene	679		11	5.2	3.3
87-68-3	Hexachlorobutadiene	587		79	43	43
77-47-4	Hexachlorocyclopentadiene	43	U	520	43	43
67-72-1	Hexachloroethane	335	J	79	43	14
193-39-5	Indeno[1,2,3-cd]pyrene	570		11	5.2	5.2
78-59-1	Isophorone	658		79	43	21
91-57-6	2-Methylnaphthalene	675		11	5.2	5.2
95-48-7	2-Methylphenol	616		320	130	130
15831-10-4	3 & 4 Methylphenol	1310		630	130	32
91-20-3	Naphthalene	638		11	5.2	5.2
88-74-4	2-Nitroaniline	824		320	43	14
99-09-2	3-Nitroaniline	253	J	320	130	25
100-01-6	4-Nitroaniline	259	J	320	43	41
98-95-3	Nitrobenzene	661		160	5.2	3.5
88-75-5	2-Nitrophenol	689		79	43	43
100-02-7	4-Nitrophenol	821		520	130	130
621-64-7	N-Nitrosodi-n-propylamine	714		79	43	43
86-30-6	N-Nitrosodiphenylamine	703		79	43	33
87-86-5	Pentachlorophenol	416		240	130	130
85-01-8	Phenanthrene	1070		11	5.2	5.2
108-95-2	Phenol	696		79	43	43
129-00-0	Pyrene	1340		11	5.2	5.2
120-82-1	1,2,4-Trichlorobenzene	600		79	43	43
95-95-4	2,4,5-Trichlorophenol	707		240	43	40
88-06-2	2,4,6-Trichlorophenol	666		240	130	130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD | Lab Sample ID: 240-17467-2 MSD

Matrix: Solid | Lab File ID: 21203023.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 11/21/2012 11:36

Sample wt/vol: 30.08(g) | Date Analyzed: 12/03/2012 20:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	60		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)	65		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

Report Date: 04-Dec-2012 09:30:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203023.D
Lims ID: 240-17467-M-2-C MSD Client ID: 075SD-0002-0003-SD
Inject. Date: 03-Dec-2012 20:31:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: -0015467-023
Misc. Info.: 240-17467-M-2-C MSD =240-17467-M-2-C MSD
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 67070 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 09:30:37 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm Date: 04-Dec-2012 09:07:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.050	0.003	84	155229	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	98	680295	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	68	417449	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	71	738701	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	79	726330	4.00	
* 6 Perylene-d12	264	14.681	14.677	0.004	81	526864	4.00	
$ 7 2-Fluorophenol	112	4.846	4.832	0.014	92	546581	8.95	
$ 8 Phenol-d5	99	5.695	5.687	0.008	0	897269	10.2	
$ 9 Nitrobenzene-d5	82	6.529	6.531	-0.002	85	617961	5.94	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.059	0.003	98	840065	6.06	
$ 11 2,4,6-Tribromophenol	330	9.317	9.319	-0.002	85	158136	9.78	
$ 12 Terphenyl-d14	244	11.289	11.291	-0.002	80	1014471	6.82	
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.789	2.807	-0.018	77	95257	3.16	M
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74	3.270	3.272	-0.002	77	247806	6.26	
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.313	3.320	-0.007	81	377138	4.67	
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					9
28 Ethyl methacrylate	69		3.876					9
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					9
29 3-Chloropropionitrile	54		4.218					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.627					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					9
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					9
82 Quinoline	129		5.099					9
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					9
227 Isosafrole Peak 2	162		5.498					9
41 Benzaldehyde	77	5.663	5.665	-0.002	80	447283	5.80	
103 1,4-Naphthoquinone	158		5.680					
43 Phenol	94	5.706	5.703	0.003	93	659023	6.60	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
44 Aniline	93	5.754	5.751	0.003	80	291248	2.33	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	93	482236	6.26	
46 2-Chlorophenol	128	5.861	5.858	0.003	86	351037	6.19	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	78	343968	5.64	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	82	381394	6.20	
115 Pentachlorobenzene	250		6.091					
49 Benzyl alcohol	108	6.155	6.157	-0.002	83	315512	6.75	
117 1-Naphthylamine	143		6.166					9
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	75	382618	6.46	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					9
51 2-Methylphenol	108	6.240	6.237	0.003	94	389227	5.84	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.274	-0.002	94	490855	6.25	
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.368	6.365	0.003	87	882032	12.4	
127 Tributyl phosphate	99		6.379					9
57 N-Nitrosodi-n-propylamine	70	6.385	6.386	-0.001	71	472934	6.77	
58 Acetophenone	105	6.390	6.392	-0.002	65	644197	6.26	
130 Diphenylamine	169		6.428					
61 Hexachloroethane	117	6.497	6.504	-0.007	84	91372	3.17	
134 Sulfotepp	202		6.518					
62 Nitrobenzene	77	6.545	6.547	-0.002	75	685781	6.26	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
64 Isophorone	82	6.742	6.744	-0.002	95	1245760	6.23	
140 Dimethoate	87		6.764					
66 2-Nitrophenol	139	6.823	6.819	0.004	91	195047	6.53	
65 2,4-Dimethylphenol	107	6.833	6.830	0.003	96	315566	3.76	
67 1,3,5-Trichlorobenzene	180		6.830					
71 Benzoic acid	122	6.876	6.889	-0.013	76	363980	10.9	
129 4-Aminobiphenyl	169		6.892					
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	94	627685	6.14	
145 Pentachloronitrobenzene	237		6.919					
144 Pronamide	173		6.919					9
146 Disulfoton	88		7.010					
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	86	312226	6.48	
147 Dinoseb	211		7.020					
74 1,2,4-Trichlorobenzene	180	7.100	7.102	-0.002	77	339082	5.69	
75 Naphthalene	128	7.175	7.177	-0.002	80	1128295	6.04	
76 4-Chloroaniline	127	7.207	7.204	0.003	77	199566	2.70	
79 Hexachlorobutadiene	225	7.266	7.268	-0.002	86	180711	5.56	
152 Methyl parathion	109		7.282					
80 1,2,3-Trichlorobenzene	180		7.295					9
84 Caprolactam	113	7.485	7.487	-0.002	78	150667	7.66	
155 Ethyl Parathion	97		7.560					
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	80	454179	6.42	
156 4-Nitroquinoline-1-oxide	190		7.613					9
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142	7.763	7.759	0.004	88	748764	6.39	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.848	7.850	-0.002	81	717164	6.33	
90 1,2,3,5-Tetrachlorobenzene	216		7.888					9
89 Hexachlorocyclopentadiene	237		7.893					
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	83	227963	6.31	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	90	266208	6.69	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.133					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.144					9
98 1,1'-Biphenyl	154	8.147	8.149	-0.002	94	945863	6.27	
100 2-Chloronaphthalene	162	8.179	8.181	-0.002	93	734506	6.38	
229 Aramite Peak 2	185		8.185					9
102 2-Nitroaniline	65	8.249	8.246	0.003	69	418423	7.81	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163	8.388	8.384	0.004	93	907120	6.69	
107 2,6-Dinitrotoluene	165	8.447	8.443	0.004	70	200031	7.09	
167 Famphur	218		8.473					
108 1,2-Dinitrobenzene	168	8.495	8.497	-0.002	77	92298	6.66	
169 3,3'-Dimethylbenzidine	212		8.516					
109 Acenaphthylene	152	8.532	8.534	-0.002	90	1197572	6.52	
110 3-Nitroaniline	138	8.596	8.593	0.003	83	72595	2.39	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	48	33390	3.19	
112 Acenaphthene	153	8.676	8.678	-0.002	92	766891	6.59	
113 4-Nitrophenol	109	8.703	8.700	0.003	85	173564	7.77	
171 2-Acetylaminofluorene	181		8.713					9
114 2,4-Dinitrotoluene	165	8.788	8.785	0.003	80	268090	7.08	
116 Dibenzofuran	168	8.821	8.822	-0.001	86	1134041	6.75	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.881	-0.002	75	180474	5.47	
121 Diethyl phthalate	149	8.975	8.977	-0.002	94	883860	6.58	
123 4-Chlorophenyl phenyl ether	204	9.098	9.100	-0.002	92	473934	6.57	
125 4-Nitroaniline	138	9.109	9.111	-0.002	62	78427	2.45	
126 Fluorene	166	9.114	9.116	-0.002	69	952278	6.70	
128 4,6-Dinitro-2-methylphenol	198	9.130	9.132	-0.002	65	68806	3.00	
131 N-Nitrosodiphenylamine	169	9.194	9.191	0.003	94	679341	6.66	
176 Hexabromobenzene	232		9.208					
133 Azobenzene	77	9.232	9.234	-0.002	93	1681678	6.77	
132 1,2-Diphenylhydrazine	77	9.232	9.234	-0.002	100	1681678	6.77	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	70	242704	6.52	
179 6-Methylchrysene	242		9.576					9
141 Hexachlorobenzene	284	9.584	9.581	0.003	76	241673	6.43	
142 Atrazine	200	9.627	9.624	0.003	73	260614	8.02	
143 Pentachlorophenol	266	9.739	9.741	-0.002	78	97503	3.94	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					9
148 Phenanthrene	178	9.937	9.939	-0.002	82	2232439	10.1	
149 Anthracene	178	9.980	9.982	-0.002	82	1619611	7.33	
151 Carbazole	167	10.103	10.105	-0.002	65	1312979	6.63	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	99	1640543	6.74	
185 3-Methylcholanthrene	268		10.594					9
159 Fluoranthene	202	10.957	10.959	-0.002	76	3674524	14.6	
160 Benzidine	184		11.050					9
161 Pyrene	202	11.176	11.178	-0.002	73	3190708	12.7	
166 4,4'-DDE	246		11.233					
165 4,4'-DDD	235		11.580					
187 Dibenz[a,h]acridine	279		11.729					
168 Butyl benzyl phthalate	149	11.785	11.787	-0.002	87	748445	7.46	
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.922					
172 3,3'-Dimethoxybenzidine	244		12.418					
174 4,4'-Methylene bis(2-chloroanili	231		12.466					
175 3,3'-Dichlorobenzidine	252		12.466					
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1189599	7.97	
177 Benzo[a]anthracene	228	12.523	12.525	-0.002	82	2188233	9.67	
178 Chrysene	228	12.571	12.573	-0.002	84	2155318	10.4	
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	99	1824589	8.32	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	14.083	14.079	0.004	83	2062903	11.3	
183 Benzo[k]fluoranthene	252	14.125	14.122	0.003	83	1589380	8.46	
184 Benzo[a]pyrene	252	14.595	14.597	-0.002	78	1505361	8.73	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.403	-0.002	82	1022500	5.40	
189 Dibenz(a,h)anthracene	278	16.433	16.430	0.003	65	719722	4.63	
190 Benzo[g,h,i]perylene	276	16.882	16.889	-0.007	79	774606	4.87	
S 191 Methyl Phenols,Total	100				0		18.3	
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					1
T 235 4-isopropylphenol TIC	121		4.756					
T 236 3-isopropylphenol TIC	121		4.756					
T 193 Hexamethylphosphoramide TIC	135		5.100					1
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

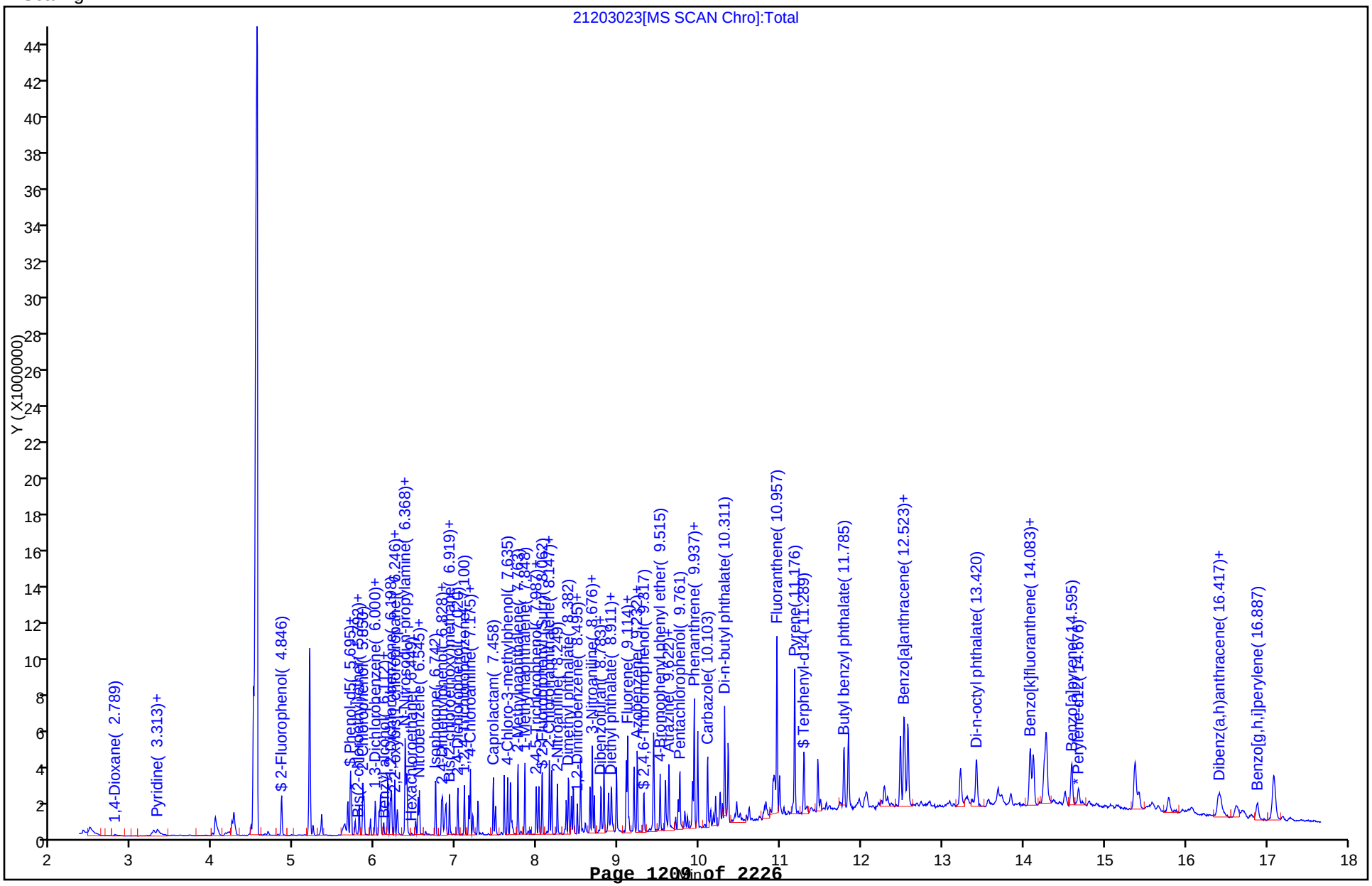
Report Date: 04-Dec-2012 09:30:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203023.D

Injection Date:	03-Dec-2012 20:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0003-SD	Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	23
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD RE | Lab Sample ID: 240-17467-2 MSD RE

Matrix: Solid | Lab File ID: 21211022.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.79(g) | Date Analyzed: 12/11/2012 21:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	*Acenaphthene*	*893*	*H*	*11*	5.3	*5.3*
208-96-8	*Acenaphthylene*	*926*	*H*	*11*	5.3	*5.3*
120-12-7	*Anthracene*	*991*	*H*	*11*	5.3	*5.3*
56-55-3	*Benzo[a]anthracene*	*1000*	*H*	*11*	5.3	*5.3*
50-32-8	*Benzo[a]pyrene*	*1030*	*H*	*11*	5.3	*5.3*
205-99-2	*Benzo[b]fluoranthene*	*1080*	*H*	*11*	5.3	*5.3*
191-24-2	*Benzo[g,h,i]perylene*	*873*	*H*	*11*	5.3	*5.3*
65-85-0	*Benzoic acid*	*1510*	*H J*	*1100*	530	*530*
207-08-9	*Benzo[k]fluoranthene*	*1050*	*H*	*11*	5.3	*5.3*
100-51-6	*Benzyl alcohol*	*963*	*H*	*530*	43	*34*
111-91-1	*Bis(2-chloroethoxy)methane*	*727*	*H*	*160*	43	*35*
111-44-4	*Bis(2-chloroethyl)ether*	*723*	*H*	*160*	5.3	*3.2*
108-60-1	*bis (2-chloroisopropyl) ether*	*763*	*H J*	*160*	43	*15*
117-81-7	Bis(2-ethylhexyl) phthalate	1080	H	80	43	30
101-55-3	*4-Bromophenyl phenyl ether*	*778*	*H*	*80*	43	*21*
85-68-7	*Butyl benzyl phthalate*	*1060*	*H*	*80*	43	*16*
86-74-8	*Carbazole*	*896*	*H*	*80*	43	*43*
106-47-8	*4-Chloroaniline*	*329*	*H*	*240*	43	*27*
59-50-7	*4-Chloro-3-methylphenol*	*954*	*H*	*240*	43	*34*
91-58-7	*2-Chloronaphthalene*	*751*	*H*	*80*	5.3	*5.3*
95-57-8	*2-Chlorophenol*	*897*	*H*	*80*	43	*43*
7005-72-3	*4-Chlorophenyl phenyl ether*	*803*	*H*	*80*	43	*21*
218-01-9	*Chrysene*	*1080*	*H*	*11*	5.3	*1.8*
53-70-3	*Dibenz(a,h)anthracene*	*852*	*H*	*11*	5.3	*5.3*
132-64-9	*Dibenzofuran*	*953*	*H*	*80*	5.3	*5.3*
106-46-7	*1,4-Dichlorobenzene*	*777*	*H*	*80*	43	*32*
95-50-1	*1,2-Dichlorobenzene*	*666*	*H*	*80*	43	*16*
541-73-1	*1,3-Dichlorobenzene*	*637*	*H*	*80*	43	*18*
91-94-1	*3,3'-Dichlorobenzidine*	*130*	*U H J*	*160*	130	*29*
120-83-2	*2,4-Dichlorophenol*	*976*	*H*	*240*	43	*32*
84-66-2	*Diethyl phthalate*	*1000*	*H*	*80*	43	*26*
105-67-9	*2,4-Dimethylphenol*	*855*	*H*	*240*	130	*32*
131-11-3	*Dimethyl phthalate*	*965*	*H*	*80*	43	*27*
84-74-2	*Di-n-butyl phthalate*	*1000*	*H*	*80*	43	*24*

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD RE | Lab Sample ID: 240-17467-2 MSD RE

Matrix: Solid | Lab File ID: 21211022.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.79(g) | Date Analyzed: 12/11/2012 21:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	*4,6-Dinitro-2-methylphenol*	*830*	*H*	*240*	130	*130*
51-28-5	*2,4-Dinitrophenol*	*858*	*H*	*530*	130	*130*
121-14-2	*2,4-Dinitrotoluene*	*858*	*H*	*320*	43	*43*
606-20-2	*2,6-Dinitrotoluene*	*808*	*H*	*320*	43	*34*
117-84-0	*Di-n-octyl phthalate*	*1100*	*H*	*80*	43	*43*
206-44-0	*Fluoranthene*	*1220*	*H*	*11*	5.3	*5.3*
86-73-7	*Fluorene*	*947*	*H*	*11*	5.3	*5.3*
118-74-1	*Hexachlorobenzene*	*760*	*H*	*11*	5.3	*3.4*
87-68-3	*Hexachlorobutadiene*	*659*	*H*	*80*	43	*43*
77-47-4	*Hexachlorocyclopentadiene*	*43*	*U H*	*530*	43	*43*
67-72-1	*Hexachloroethane*	*412*	*H*	*80*	43	*14*
193-39-5	*Indeno[1,2,3-cd]pyrene*	*896*	*H*	*11*	5.3	*5.3*
78-59-1	*Isophorone*	*913*	*H*	*80*	43	*21*
91-57-6	*2-Methylnaphthalene*	*848*	*H*	*11*	5.3	*5.3*
95-48-7	*2-Methylphenol*	*940*	*H*	*320*	130	*130*
15831-10-4	*3 & 4 Methylphenol*	*1920*	*H*	*640*	130	*32*
91-20-3	*Naphthalene*	*824*	*H*	*11*	5.3	*5.3*
88-74-4	*2-Nitroaniline*	*1030*	*H*	*320*	43	*15*
99-09-2	*3-Nitroaniline*	*182*	*H J*	*320*	130	*26*
100-01-6	*4-Nitroaniline*	*235*	*H J*	*320*	43	*42*
98-95-3	*Nitrobenzene*	*723*	*H J*	*160*	5.3	*3.5*
88-75-5	*2-Nitrophenol*	*895*	*H*	*80*	43	*43*
100-02-7	*4-Nitrophenol*	*1090*	*H*	*530*	130	*130*
621-64-7	*N-Nitrosodi-n-propylamine*	*908*	*H*	*80*	43	*43*
86-30-6	*N-Nitrosodiphenylamine*	*973*	*H*	*80*	43	*34*
87-86-5	*Pentachlorophenol*	*439*	*H*	*240*	130	*130*
85-01-8	*Phenanthrene*	*1030*	*H*	*11*	5.3	*5.3*
108-95-2	*Phenol*	*910*	*H*	*80*	43	*43*
129-00-0	*Pyrene*	*1110*	*H*	*11*	5.3	*5.3*
120-82-1	*1,2,4-Trichlorobenzene*	*655*	*H*	*80*	43	*43*
95-95-4	*2,4,5-Trichlorophenol*	*1030*	*H*	*240*	43	*40*
88-06-2	*2,4,6-Trichlorophenol*	*896*	*H*	*240*	130	*130*

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD RE | Lab Sample ID: 240-17467-2 MSD RE

Matrix: Solid | Lab File ID: 21211022.D

Analysis Method: 8270C/DoD | Date Collected: 11/09/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/05/2012 10:50

Sample wt/vol: 29.79(g) | Date Analyzed: 12/11/2012 21:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	75		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	65		35-100
1718-51-0	Terphenyl-d14 (Surr)	76		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	81		35-125
4165-62-2	Phenol-d5 (Surr)	82		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211022.D
Lims ID: 240-17467-L-2-I MSD Client ID: 075SD-0002-0003-SD
Inject. Date: 11-Dec-2012 21:20:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015722-022
Misc. Info.: 240-17467-L-2-I MSD =240-17467-L-2-I MSD
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 68161 Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m
Last Update: 12-Dec-2012 08:51:59 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK010

First Level Reviewer: ulmanm Date: 12-Dec-2012 08:34:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.097	6.099	-0.002	86	100655	4.00	
* 2 Naphthalene-d8	136	7.203	7.205	-0.002	98	417605	4.00	
* 3 Acenaphthene-d10	164	8.704	8.706	-0.002	67	247434	4.00	
* 4 Phenanthrene-d10	188	9.970	9.972	-0.002	92	432385	4.00	
* 5 Chrysene-d12	240	12.614	12.622	-0.008	79	443339	4.00	
* 6 Perylene-d12	264	14.778	14.791	-0.013	90	330923	4.00	
$ 7 2-Fluorophenol	112	4.889	4.881	0.008	93	415472	11.3	
$ 8 Phenol-d5	99	5.739	5.736	0.003	0	653710	12.3	
$ 9 Nitrobenzene-d5	82	6.578	6.580	-0.002	83	463483	6.54	
$ 10 2-Fluorobiphenyl (Surr)	172	8.111	8.113	-0.002	98	584094	6.13	
$ 11 2,4,6-Tribromophenol	330	9.366	9.369	-0.003	76	90859	12.1	
$ 12 Terphenyl-d14	244	11.353	11.356	-0.003	95	679498	7.63	
43 Phenol	94	5.749	5.747	0.002	90	518915	8.53	
69 Bis(2-chloroethyl)ether	93	5.851	5.848	0.003	90	378790	6.78	
46 2-Chlorophenol	128	5.910	5.907	0.003	88	287145	8.42	
47 1,3-Dichlorobenzene	146	6.049	6.051	-0.002	82	268388	5.98	
48 1,4-Dichlorobenzene	146	6.113	6.115	-0.002	80	276804	7.29	
49 Benzyl alcohol	108	6.204	6.206	-0.002	84	237751	9.04	
50 1,2-Dichlorobenzene	146	6.252	6.254	-0.002	81	267480	6.25	
51 2-Methylphenol	108	6.289	6.286	0.003	93	336229	8.82	
53 2,2'-oxybis[1-chloropropane]	45	6.321	6.324	-0.003	94	394184	7.16	
21 3 & 4 Methylphenol	108	6.417	6.414	0.003	93	735459	18.0	
57 N-Nitrosodi-n-propylamine	70	6.428	6.430	-0.002	68	346069	8.52	
61 Hexachloroethane	117	6.545	6.553	-0.008	86	75752	3.87	
62 Nitrobenzene	77	6.594	6.596	-0.002	74	512999	6.78	
64 Isophorone	82	6.791	6.794	-0.003	95	944510	8.57	
66 2-Nitrophenol	139	6.866	6.869	-0.003	86	152412	8.40	
65 2,4-Dimethylphenol	107	6.877	6.879	-0.002	97	380874	8.02	
71 Benzoic acid	122	6.925	6.933	-0.008	76	313307	14.2	
70 Bis(2-chloroethoxy)methane	93	6.962	6.965	-0.003	98	494590	6.82	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162	7.069	7.066	0.003	91	253031	9.15	
74 1,2,4-Trichlorobenzene	180	7.149	7.152	-0.003	81	243204	6.14	
75 Naphthalene	128	7.224	7.226	-0.002	96	823318	7.73	
76 4-Chloroaniline	127	7.251	7.253	-0.002	72	133439	3.09	
79 Hexachlorobutadiene	225	7.315	7.317	-0.002	85	134009	6.19	
86 4-Chloro-3-methylphenol	107	7.641	7.643	-0.002	78	366442	8.95	
87 2-Methylnaphthalene	142	7.812	7.814	-0.002	85	569870	7.96	
89 Hexachlorocyclopentadiene	237		7.942					9
92 2,4,6-Trichlorophenol	196	8.036	8.038	-0.002	85	171441	8.41	
93 2,4,5-Trichlorophenol	196	8.068	8.071	-0.002	91	209186	9.64	
100 2-Chloronaphthalene	162	8.228	8.231	-0.003	95	539167	7.04	
102 2-Nitroaniline	65	8.298	8.300	-0.002	70	281649	9.68	
105 Dimethyl phthalate	163	8.437	8.439	-0.002	93	670912	9.05	
107 2,6-Dinitrotoluene	165	8.490	8.498	-0.008	68	146719	7.58	
109 Acenaphthylene	152	8.586	8.589	-0.003	87	936367	8.69	
110 3-Nitroaniline	138	8.650	8.647	0.003	83	29646	1.71	
112 Acenaphthene	153	8.730	8.733	-0.003	95	582220	8.38	
111 2,4-Dinitrophenol	184	8.725	8.733	-0.008	60	82811	8.05	
113 4-Nitrophenol	109	8.752	8.749	0.003	88	140836	10.2	
114 2,4-Dinitrotoluene	165	8.837	8.840	-0.003	81	204103	8.05	
116 Dibenzofuran	168	8.875	8.877	-0.002	85	845532	8.94	
121 Diethyl phthalate	149	9.024	9.032	-0.008	95	698030	9.42	
123 4-Chlorophenyl phenyl ether	204	9.147	9.150	-0.003	93	342563	7.54	
125 4-Nitroaniline	138	9.163	9.166	-0.003	28	38490	2.21	
126 Fluorene	166	9.168	9.171	-0.003	54	707318	8.88	
128 4,6-Dinitro-2-methylphenol	198	9.179	9.187	-0.008	76	110234	7.79	
131 N-Nitrosodiphenylamine	169	9.243	9.246	-0.003	99	523693	9.13	
139 4-Bromophenyl phenyl ether	248	9.569	9.572	-0.003	66	173746	7.30	
141 Hexachlorobenzene	284	9.633	9.636	-0.003	72	167360	7.13	
143 Pentachlorophenol	266	9.788	9.796	-0.008	65	55390	4.12	
148 Phenanthrene	178	9.986	9.994	-0.008	82	1138420	9.63	
149 Anthracene	178	10.034	10.036	-0.002	83	1060253	9.30	
151 Carbazole	167	10.151	10.159	-0.008	83	905884	8.40	
154 Di-n-butyl phthalate	149	10.408	10.410	-0.002	100	1255235	9.41	
159 Fluoranthene	202	11.017	11.019	-0.002	76	1448737	11.5	
161 Pyrene	202	11.236	11.244	-0.008	76	1388163	10.4	
168 Butyl benzyl phthalate	149	11.850	11.858	-0.008	84	552308	9.93	
175 3,3'-Dichlorobenzidine	252		12.542					9
173 Bis(2-ethylhexyl) phthalate	149	12.555	12.563	-0.008	94	814880	10.1	
177 Benzo[a]anthracene	228	12.603	12.606	-0.003	89	1155060	9.41	
178 Chrysene	228	12.652	12.659	-0.007	84	1142694	10.1	
180 Di-n-octyl phthalate	149	13.501	13.514	-0.013	99	1378386	10.3	
182 Benzo[b]fluoranthene	252	14.174	14.182	-0.008	81	1044243	10.2	
183 Benzo[k]fluoranthene	252	14.217	14.225	-0.008	88	1003526	9.86	
184 Benzo[a]pyrene	252	14.692	14.700	-0.008	78	893676	9.70	
188 Indeno[1,2,3-cd]pyrene	276	16.530	16.543	-0.013	80	852900	8.40	
189 Dibenz(a,h)anthracene	278	16.557	16.570	-0.013	70	684385	7.99	
190 Benzo[g,h,i]perylene	276	17.027	17.035	-0.008	77	688663	8.19	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

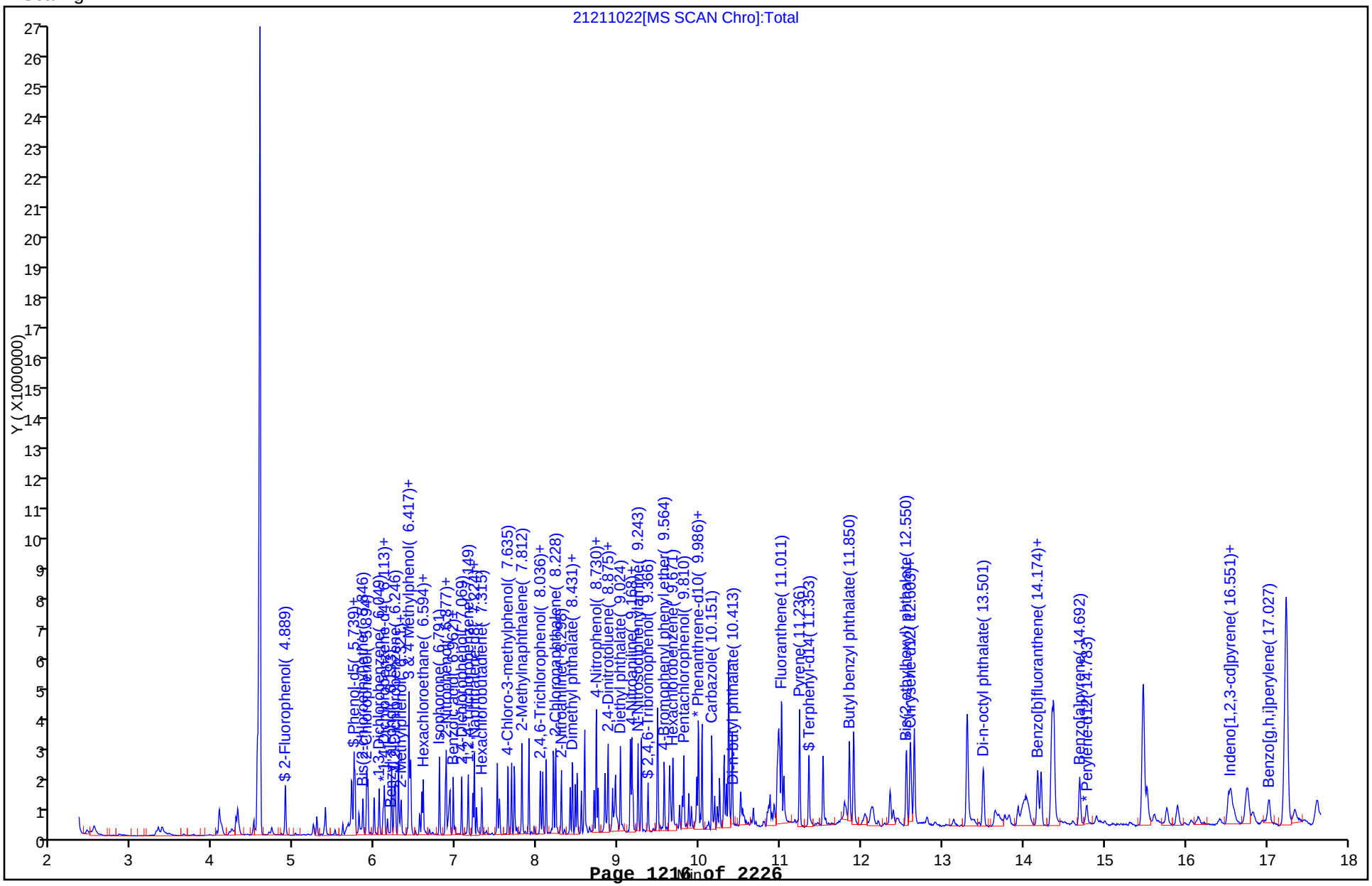
Report Date: 12-Dec-2012 08:52:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211022.D

Injection Date:	11-Dec-2012 21:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	075SD-0002-0003-SD	Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	22
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.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/03/2012 11:11

Analysis Batch Number: 67070 End Date: 12/03/2012 22:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67070/1		12/03/2012 11:11	1	21203001.D	RXI-5SILMS 0.45(mm)
STD5 240-67070/2 IC		12/03/2012 11:32	1	21203002.D	RXI-5SILMS 0.45(mm)
STD4 240-67070/3 IC		12/03/2012 11:57	1	21203003.D	RXI-5SILMS 0.45(mm)
STD3 240-67070/4 IC		12/03/2012 12:23	1	21203004.D	RXI-5SILMS 0.45(mm)
STD2 240-67070/5 IC		12/03/2012 12:48	1	21203005.D	RXI-5SILMS 0.45(mm)
STD1 240-67070/6 IC		12/03/2012 13:13	1	21203006.D	RXI-5SILMS 0.45(mm)
STD9 240-67070/7 IC		12/03/2012 13:39	1	21203007.D	RXI-5SILMS 0.45(mm)
STD8 240-67070/8 IC		12/03/2012 14:04	1	21203008.D	RXI-5SILMS 0.45(mm)
STD7 240-67070/9 IC		12/03/2012 14:36	1	21203009.D	RXI-5SILMS 0.45(mm)
STD6 240-67070/10 ICIS		12/03/2012 15:01	1	21203010.D	RXI-5SILMS 0.45(mm)
ICV 240-67070/12		12/03/2012 15:52	1	21203012.D	RXI-5SILMS 0.45(mm)
MRL 240-67070/13		12/03/2012 16:18	1	21203013.D	RXI-5SILMS 0.45(mm)
MB 240-65933/23-A		12/03/2012 16:43	1	21203014.D	RXI-5SILMS 0.45(mm)
LCS 240-65933/24-A		12/03/2012 17:08	1	21203015.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 17:34	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 17:59	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 18:24	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 18:50	1		RXI-5SILMS 0.45(mm)
240-17467-4	075SD-0003-0001-SD	12/03/2012 19:15	1	21203020.D	RXI-5SILMS 0.45(mm)
240-17467-2	075SD-0002-0001-SD	12/03/2012 19:40	1	21203021.D	RXI-5SILMS 0.45(mm)
240-17467-2 MS	075SD-0002-0001-SD MS	12/03/2012 20:06	1	21203022.D	RXI-5SILMS 0.45(mm)
240-17467-2 MSD	075SD-0002-0001-SD MSD	12/03/2012 20:31	1	21203023.D	RXI-5SILMS 0.45(mm)
MRL 240-67070/24		12/03/2012 20:56	1	21203024.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/03/2012 21:21	1	21203025.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/03/2012 21:47	1	21203026.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/03/2012 22:12	1	21203027.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/03/2012 22:37	1	21203028.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/07/2012 12:56

Analysis Batch Number: 67729 End Date: 12/07/2012 22:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67729/1		12/07/2012 12:56	1	21207001.D	RXI-5SILMS 0.45(mm)
CCV 240-67729/2		12/07/2012 13:16	1	21207002.D	RXI-5SILMS 0.45(mm)
MRL 240-67729/3		12/07/2012 13:43	1	21207003.D	RXI-5SILMS 0.45(mm)
MB 240-67436/23-A		12/07/2012 14:08	1	21207004.D	RXI-5SILMS 0.45(mm)
LCS 240-67436/24-A		12/07/2012 14:33	1	21207005.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 14:58	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 15:23	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 15:48	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 16:13	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 16:38	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 17:03	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 17:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 17:53	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 18:18	1		RXI-5SILMS 0.45(mm)
MRL 240-67729/15		12/07/2012 18:43	1	21207015.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/07/2012 19:08	1	21207016.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/07/2012 19:33	1	21207017.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/07/2012 19:58	1	21207018.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/07/2012 20:23	1	21207019.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 20:48	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 21:13	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 21:38	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/07/2012 22:02	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/11/2012 11:50

Analysis Batch Number: 68161 End Date: 12/11/2012 23:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-68161/1		12/11/2012 11:50	1	21211001.D	RXI-5SILMS 0.45(mm)
STD5 240-68161/2 IC		12/11/2012 12:10	1	21211002.D	RXI-5SILMS 0.45(mm)
STD4 240-68161/3 IC		12/11/2012 12:35	1	21211003.D	RXI-5SILMS 0.45(mm)
STD3 240-68161/4 IC		12/11/2012 12:59	1	21211004.D	RXI-5SILMS 0.45(mm)
STD2 240-68161/5 IC		12/11/2012 13:24	1	21211005.D	RXI-5SILMS 0.45(mm)
STD1 240-68161/6 IC		12/11/2012 13:49	1	21211006.D	RXI-5SILMS 0.45(mm)
STD9 240-68161/7 IC		12/11/2012 14:14	1	21211007.D	RXI-5SILMS 0.45(mm)
STD8 240-68161/8 IC		12/11/2012 14:38	1	21211008.D	RXI-5SILMS 0.45(mm)
STD7 240-68161/9 IC		12/11/2012 15:03	1	21211009.D	RXI-5SILMS 0.45(mm)
STD6 240-68161/10 ICIS		12/11/2012 15:28	1	21211010.D	RXI-5SILMS 0.45(mm)
ICV 240-68161/12		12/11/2012 17:12	1	21211012.D	RXI-5SILMS 0.45(mm)
MRL 240-68161/13		12/11/2012 17:36	1	21211013.D	RXI-5SILMS 0.45(mm)
240-17467-2 RE	075SD-0002-0001-SD RE	12/11/2012 20:30	1	21211020.D	RXI-5SILMS 0.45(mm)
240-17467-2 MS RE	075SD-0002-0001-SD MS RE	12/11/2012 20:55	1	21211021.D	RXI-5SILMS 0.45(mm)
240-17467-2 MSD RE	075SD-0002-0001-SD MSD RE	12/11/2012 21:20	1	21211022.D	RXI-5SILMS 0.45(mm)
240-17467-4 RE	075SD-0003-0001-SD RE	12/11/2012 21:45	1	21211023.D	RXI-5SILMS 0.45(mm)
MRL 240-68161/24		12/11/2012 22:10	1	21211024.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/11/2012 22:35	1	21211025.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/11/2012 22:59	1	21211026.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/11/2012 23:24	1	21211027.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Batch Number: 65933 Batch Start Date: 11/21/12 14:30 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/22/12 06:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17467-M-2	075SD-0002-0001-SD	3540C, 8270C/DoD	T	29.87 g	2 mL		1 mL		
240-17467-M-2 MS	075SD-0002-0001-SD	3540C, 8270C/DoD	T	30.06 g	2 mL	1 mL	1 mL	1 mL	
240-17467-M-2 MSD	075SD-0002-0001-SD	3540C, 8270C/DoD	T	30.08 g	2 mL	1 mL	1 mL	1 mL	
240-17467-E-4	075SD-0003-0001-SD	3540C, 8270C/DoD	T	30.31 g	2 mL		1 mL		
MB 240-65933/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-65933/24		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Na2SO4 Lot Number	677237
Prep Solvent Lot #	719012

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Batch Number: 67436 Batch Start Date: 12/05/12 14:05 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/06/12 06:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-17467-L-2	075SD-0002-0001-SD	3540C, 8270C/DoD	T	29.90 g	2 mL		1 mL		
240-17467-L-2 MS	075SD-0002-0001-SD	3540C, 8270C/DoD	T	29.52 g	2 mL	1 mL	1 mL	1 mL	
240-17467-L-2 MSD	075SD-0002-0001-SD	3540C, 8270C/DoD	T	29.79 g	2 mL	1 mL	1 mL	1 mL	
240-17467-E-4	075SD-0003-0001-SD	3540C, 8270C/DoD	T	30.44 g	2 mL		1 mL		
MB 240-67436/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-67436/24		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 #	763280

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.: 240-17467-1

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	#
075SD-0002-0001-SD	240-17467-2	128	Q	111		206	Q	110	
075SD-0003-0001-SD	240-17467-4	122		101		124		88	
	MB 240-65759/17-A	86		86		92		88	
	LCS 240-65759/18-A	85		81		97		92	
075SD-0002-0001-SD MS	240-17467-2 MS	114		96		154	Q	93	
075SD-0002-0001-SD MSD	240-17467-2 MSD	129	Q	108		183	Q	86	

	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112731.D

Lab ID: LCS 240-65759/18-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	33.3	35.3	106	30-135	
4,4'-DDE	33.3	33.5	100	70-125	
4,4'-DDT	33.3	36.3	109	45-140	
Aldrin	33.3	34.2	103	45-140	
alpha-BHC	33.3	36.2	109	60-125	
alpha-Chlordane	33.3	33.4	100	65-120	
beta-BHC	33.3	33.4	100	60-125	
delta-BHC	33.3	40.3	121	55-130	
Dieldrin	33.3	35.1	105	65-125	
Endosulfan I	33.3	25.3	76	15-135	
Endosulfan II	33.3	28.4	85	35-140	
Endosulfan sulfate	33.3	37.2	112	60-135	
Endrin	33.3	32.0	96	60-135	
Endrin aldehyde	33.3	33.5	101	35-145	
Endrin ketone	33.3	32.3	97	65-135	
gamma-BHC (Lindane)	33.3	33.8	101	60-125	
gamma-Chlordane	33.3	33.1	99	65-125	
Heptachlor	33.3	29.4	88	50-140	
Heptachlor epoxide	33.3	34.6	104	65-130	
Methoxychlor	33.3	32.8	99	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.: 240-17467-1

SDG No.:

Matrix: Solid 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.: 240-17467-1

SDG No.:

Matrix: Solid 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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112733.D

Lab ID: 240-17467-2 MS Client ID: 075SD-0002-0001-SD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	53.5	21 U	38.8 J	72	30-135	D
4,4'-DDE	53.5	13 J	48.1 J	66	70-125	J D
4,4'-DDT	53.5	29 J	48.8 J	37	45-140	J D
Aldrin	53.5	42 U	46.8 J	88	45-140	D
alpha-BHC	53.5	42 U	36.5 J	68	60-125	D
alpha-Chlordane	53.5	42 U	39.7 J	74	65-120	D
beta-BHC	53.5	42 U	43.1 J	81	60-125	D M
delta-BHC	53.5	42 U	41.8 J	78	55-130	D
Dieldrin	53.5	21 U	39.5 J	74	65-125	D
Endosulfan I	53.5	21 U	30.0 J	56	15-135	D
Endosulfan II	53.5	42 U	31.7 J	59	35-140	D
Endosulfan sulfate	53.5	42 U	38.3 J	71	60-135	D
Endrin	53.5	21 U	39.9 J	75	60-135	D
Endrin aldehyde	53.5	42 U	33.5 J	63	35-145	D
Endrin ketone	53.5	21 U	37.6 J	70	65-135	D
gamma-BHC (Lindane)	53.5	42 U	40.8 J	76	60-125	D
gamma-Chlordane	53.5	21 U	50.7 J	95	65-125	D
Heptachlor	53.5	42 U	47.0 J	88	50-140	D
Heptachlor epoxide	53.5	42 U	64.2 J	120	65-130	D
Methoxychlor	53.5	110 U	61.9 J	116	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112734.D

Lab ID: 240-17467-2 MSD Client ID: 075SD-0002-0001-SD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	52.1	37.8 J	73	3	30	30-135	D
4,4'-DDE	52.1	57.3	85	17	30	70-125	D
4,4'-DDT	52.1	49.2 J	38	1	30	45-140	D J
Aldrin	52.1	50.3 J	96	7	30	45-140	D
alpha-BHC	52.1	37.5 J	72	3	30	60-125	D
alpha-Chlordane	52.1	45.2 J	87	13	30	65-120	D
beta-BHC	52.1	48.4 J	93	12	30	60-125	D
delta-BHC	52.1	43.2 J	83	3	30	55-130	D
Dieldrin	52.1	42.6 J	82	8	30	65-125	D
Endosulfan I	52.1	33.7 J	65	12	30	15-135	D
Endosulfan II	52.1	31.2 J	60	2	30	35-140	D
Endosulfan sulfate	52.1	39.8 J	76	4	30	60-135	D
Endrin	52.1	40.6 J	78	2	30	60-135	D
Endrin aldehyde	52.1	38.8 J	75	15	30	35-145	D
Endrin ketone	52.1	38.0 J	73	1	30	65-135	D
gamma-BHC (Lindane)	52.1	42.2 J	81	3	30	60-125	D
gamma-Chlordane	52.1	58.0	111	14	30	65-125	D
Heptachlor	52.1	42.9 J	82	9	30	50-140	D
Heptachlor epoxide	52.1	68.9 J	132	7	30	65-130	J D
Methoxychlor	52.1	55.5 J	107	11	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.: 240-17467-1

SDG No.:

Lab Sample ID: MB 240-65759/17-A

Matrix: Solid Date Extracted: 11/20/2012 11:21

Lab File ID:(1) P9112751.D Lab File ID:(2) P9112751.D

Date Analyzed:(1) 11/29/2012 00:47 Date Analyzed:(2) 11/29/2012 00:47

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 240-65759/18-A	11/28/2012 15:36	11/28/2012 15:36
075SD-0002-0001-SD	240-17467-2	11/28/2012 16:04	11/28/2012 16:04
075SD-0002-0001-SD MS	240-17467-2 MS	11/28/2012 16:31	11/28/2012 16:31
075SD-0002-0001-SD MSD	240-17467-2 MSD	11/28/2012 16:59	11/28/2012 16:59
075SD-0003-0001-SD	240-17467-4	11/28/2012 17:27	11/28/2012 17:27

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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	
PEM 240-66500/29		11/28/2012 14:40	P9112729.D	3.54		
CCV 240-66500/30		11/28/2012 15:08	P9112730.D	3.54	12.86	
LCS 240-65759/18-A		11/28/2012 15:36	P9112731.D	3.54	12.86	
240-17467-2	075SD-0002-0001-SD	11/28/2012 16:04	P9112732.D	3.54	12.86	
240-17467-2 MS	075SD-0002-0001-SD MS	11/28/2012 16:31	P9112733.D	3.54	12.87	
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/28/2012 16:59	P9112734.D	3.54	12.86	
240-17467-4	075SD-0003-0001-SD	11/28/2012 17:27	P9112735.D	3.54	12.86	
CCV 240-66500/41		11/28/2012 20:15	P9112741.D	3.54	12.86	
MB 240-65759/17-A		11/29/2012 00:47	P9112751.D	3.54	12.86	
CCV 240-66500/53		11/29/2012 01:41	P9112753.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.: 240-17467-1

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	
PEM 240-66500/29		11/28/2012 14:40	P9112729.D	4.14		
CCV 240-66500/30		11/28/2012 15:08	P9112730.D	4.14	14.33	
LCS 240-65759/18-A		11/28/2012 15:36	P9112731.D	4.14	14.32	
240-17467-2	075SD-0002-0001-SD	11/28/2012 16:04	P9112732.D	4.14	14.33	
240-17467-2 MS	075SD-0002-0001-SD MS	11/28/2012 16:31	P9112733.D	4.14	14.33	
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/28/2012 16:59	P9112734.D	4.14	14.32	
240-17467-4	075SD-0003-0001-SD	11/28/2012 17:27	P9112735.D	4.14	14.32	
CCV 240-66500/41		11/28/2012 20:15	P9112741.D	4.14	14.32	
MB 240-65759/17-A		11/29/2012 00:47	P9112751.D	4.14	14.32	
CCV 240-66500/53		11/29/2012 01:41	P9112753.D	4.14	14.32	

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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD Lab Sample ID: 240-17467-2

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 16:04 Date Analyzed (2): 11/28/2012 16:04

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	
4,4'-DDE	1		8.00	7.97	8.03	14		6.3
	2		9.79	9.76	9.82	13		
4,4'-DDT	1		9.78	9.75	9.81	23		23.1
	2		11.29	11.26	11.32	29		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS Lab Sample ID: 240-17467-2 MS

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 16:31 Date Analyzed (2): 11/28/2012 16:31

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	40.8		11.1
	2		4.98	4.95	5.01	36.5		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	38.5		5.9
	2		5.55	5.52	5.58	40.8		
beta-BHC	1		4.74	4.71	4.77	51.1		17.0
	2		5.73	5.70	5.76	43.1		
Heptachlor	1		5.24	5.21	5.28	42.8		9.5
	2		6.39	6.36	6.43	47.0		
Aldrin	1		5.71	5.68	5.74	48.1		2.7
	2		7.13	7.10	7.16	46.8		
Heptachlor epoxide	1		6.96	6.93	6.99	42.4		41.0
	2		8.61	8.58	8.64	64.2		
gamma-Chlordane	1		7.27	7.25	7.31	45.0		12.0
	2		9.03	9.00	9.06	50.7		
alpha-Chlordane	1		7.62	7.59	7.65	45.6		13.9
	2		9.33	9.31	9.37	39.7		
Endosulfan I	1		7.90	7.87	7.93	31.9		6.3
	2		9.39	9.37	9.43	30.0		
4,4'-DDE	1		8.00	7.97	8.03	48.6		0.9
	2		9.79	9.76	9.82	48.1		
Dieldrin	1		8.46	8.43	8.49	42.0		6.1
	2		9.93	9.90	9.96	39.5		
Endrin	1		8.91	8.88	8.94	44.5		10.8
	2		10.44	10.42	10.48	39.9		
4,4'-DDD	1		9.26	9.23	9.29	38.8		13.2
	2		10.81	10.78	10.84	34.0		
Endosulfan II	1		9.35	9.33	9.39	31.7		6.7
	2		10.81	10.78	10.84	34.0		
4,4'-DDT	1		9.78	9.75	9.81	47.8		2.1
	2		11.29	11.26	11.32	48.8		
Endrin aldehyde	1		10.14	10.11	10.17	34.5		2.9
	2		11.38	11.36	11.42	33.5		
Endosulfan sulfate	1		10.86	10.83	10.89	38.7		1.1
	2		11.81	11.79	11.85	38.3		
Endrin ketone	1		11.26	11.23	11.29	40.6		7.6
	2		12.55	12.52	12.58	37.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD Lab Sample ID: 240-17467-2 MSD

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 16:59 Date Analyzed (2): 11/28/2012 16:59

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	43.3		14.1
	2		4.98	4.95	5.01	37.5		
gamma-BHC (Lindane)	1		4.60	4.58	4.64	39.1		7.5
	2		5.55	5.52	5.58	42.2		
beta-BHC	1		4.74	4.71	4.77	54.7		12.3
	2		5.73	5.70	5.76	48.4		
delta-BHC	1		4.96	4.93	4.99	39.3		9.6
	2		6.29	6.26	6.32	43.2		
Heptachlor	1		5.24	5.21	5.28	38.1		11.8
	2		6.39	6.36	6.43	42.9		
Aldrin	1		5.71	5.68	5.74	50.7		0.9
	2		7.13	7.10	7.16	50.3		
Heptachlor epoxide	1		6.96	6.93	6.99	45.9		40.0
	2		8.61	8.58	8.64	68.9		
gamma-Chlordane	1		7.27	7.25	7.31	52.4		10.2
	2		9.03	9.00	9.06	58.0		
alpha-Chlordane	1		7.62	7.59	7.65	50.5		11.1
	2		9.33	9.31	9.37	45.2		
Endosulfan I	1		7.90	7.87	7.93	35.5		5.1
	2		9.40	9.37	9.43	33.7		
4,4'-DDE	1		7.99	7.97	8.03	53.6		6.7
	2		9.79	9.76	9.82	57.3		
Dieldrin	1		8.46	8.43	8.49	45.3		6.1
	2		9.93	9.90	9.96	42.6		
Endrin	1		8.91	8.88	8.94	45.8		11.9
	2		10.44	10.42	10.48	40.6		
4,4'-DDD	1		9.26	9.23	9.29	37.8		5.2
	2		10.81	10.78	10.84	35.9		
Endosulfan II	1		9.35	9.33	9.39	31.2		13.9
	2		10.81	10.78	10.84	35.9		
4,4'-DDT	1		9.78	9.75	9.81	44.5		10.0
	2		11.29	11.26	11.32	49.2		
Endrin aldehyde	1		10.14	10.11	10.17	36.2		7.2
	2		11.38	11.36	11.42	38.8		
Endosulfan sulfate	1		10.86	10.83	10.89	40.1		0.5
	2		11.81	11.79	11.85	39.8		
Endrin ketone	1		11.26	11.23	11.29	42.3		10.8
	2		12.55	12.52	12.58	38.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65759/18-A

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/28/2012 15:36 Date Analyzed (2): 11/28/2012 15:36

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	36.1		0.5
	2		4.98	4.95	5.01	36.2		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	35.9		6.1
	2		5.55	5.52	5.58	33.8		
beta-BHC	1		4.74	4.71	4.77	33.7		0.9
	2		5.73	5.70	5.76	33.4		
delta-BHC	1		4.96	4.93	4.99	38.9		3.7
	2		6.29	6.26	6.32	40.3		
Heptachlor	1		5.25	5.21	5.28	31.4		6.8
	2		6.39	6.36	6.43	29.4		
Aldrin	1		5.71	5.68	5.74	34.1		0.2
	2		7.13	7.10	7.16	34.2		
Heptachlor epoxide	1		6.96	6.93	6.99	36.9		6.4
	2		8.60	8.58	8.64	34.6		
gamma-Chlordane	1		7.28	7.25	7.31	35.1		5.8
	2		9.03	9.00	9.06	33.1		
alpha-Chlordane	1		7.63	7.59	7.65	33.5		0.5
	2		9.33	9.31	9.37	33.4		
Endosulfan I	1		7.90	7.87	7.93	27.1		6.8
	2		9.40	9.37	9.43	25.3		
4,4'-DDE	1		8.00	7.97	8.03	33.5		0.0
	2		9.79	9.76	9.82	33.5		
Dieldrin	1		8.46	8.43	8.49	36.3		3.4
	2		9.93	9.90	9.96	35.1		
Endrin	1		8.91	8.88	8.94	33.4		4.4
	2		10.45	10.42	10.48	32.0		
4,4'-DDD	1		9.27	9.23	9.29	35.3		13.8
	2		10.81	10.78	10.84	30.7		
Endosulfan II	1		9.35	9.33	9.39	28.4		7.7
	2		10.81	10.78	10.84	30.7		
4,4'-DDT	1		9.78	9.75	9.81	36.6		0.9
	2		11.29	11.26	11.32	36.3		
Endrin aldehyde	1		10.14	10.11	10.17	35.1		4.6
	2		11.38	11.36	11.42	33.5		
Methoxychlor	1		10.72	10.69	10.75	36.1		9.3
	2		12.37	12.34	12.40	32.8		
Endosulfan sulfate	1		10.86	10.83	10.89	38.2		2.5
	2		11.82	11.79	11.85	37.2		
Endrin ketone	1		11.26	11.23	11.29	33.3		2.9
	2		12.55	12.52	12.58	32.3		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD Lab Sample ID: 240-17467-2

Matrix: Solid Lab File ID: P9112732.D

Analysis Method: 8081/DOD Date Collected: 11/09/2012 14:00

Extraction Method: 3540C Date Extracted: 11/20/2012 11:21

Sample wt/vol: 29.82(g) Date Analyzed: 11/28/2012 16:04

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 37.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	206	Q	55-130
877-09-8	Tetrachloro-m-xylene	128	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Lims ID:	240-17467-N-2-D	Client ID:	075SD-0002-0001-SD
Inject. Date:	28-Nov-2012 16:04:03	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	240-0015316-032		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	66500	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	04-Dec-2012 07:09:35	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:	XAWRK008		

First Level Reviewer: vandorenc Date: 04-Dec-2012 07:09:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	3086676	0.001278			
2	100	4.141	4.141	0.000	7918680	0.001114			
						RPD = 13.68			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									1
1	100		4.012						
2	100		4.758						
5 alpha-BHC									1
1	100		4.226						
2	100		4.979						
20 gamma-BHC (Lindane)									1
1	100		4.606						
2	100		5.548						
7 beta-BHC									1
1	100		4.739						
2	100		5.728						
11 delta-BHC									1
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
1	100		5.244						
2	100		6.394						
4 Aldrin									1
1	100		5.705						
2	100		7.131						
25 Isodrin									1
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.606						
21 gamma-Chlordane									1
1	100		7.275						
2	100		9.026						
6 alpha-Chlordane									M
1	100	7.619	7.624	-0.005	1357678	0.000500			7
2	100	9.335	9.336	-0.001	1566762	0.000223			7M
						RPD = 76.83			
LOD = 0.000500									
14 Endosulfan I									1
1	100		7.898						
2	100		9.396						
2 4,4'-DDE									M
1	100	7.995	7.997	-0.002	3724321	0.001287			
2	100	9.786	9.788	-0.002	8705948	0.001208			M
						RPD = 6.31			
13 Dieldrin									
1	100		8.458						
2	100		9.927						
17 Endrin									1
1	100		8.909						
2	100		10.446						
26 Kepone									1
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									1
1	100		9.231						
2	100		10.524						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
1 4,4'-DDD									M
1	100	9.264	9.264	0.000	514255	0.000287			M
2	100	10.796	10.810	-0.014	1944419	0.000198			
						RPD = 36.59			
15 Endosulfan II									1
1	100		9.355						
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	9.780	9.781	-0.001	3096363	0.002180			
2	100	11.290	11.293	-0.003	9156221	0.002750			
						RPD = 23.11			
18 Endrin aldehyde									1
1	100		10.142						
2	100		11.385						
28 Mirex									1
1	100		10.476						
2	100		12.377						
27 Methoxychlor									1
1	100		10.723						
2	100		12.366						
16 Endosulfan sulfate									1
1	100		10.861						
2	100		11.816						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.861	12.863	-0.002	4247931	0.002060			
2	100	14.325	14.325	0.000	5190480	0.001097			
						RPD = 61.03			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

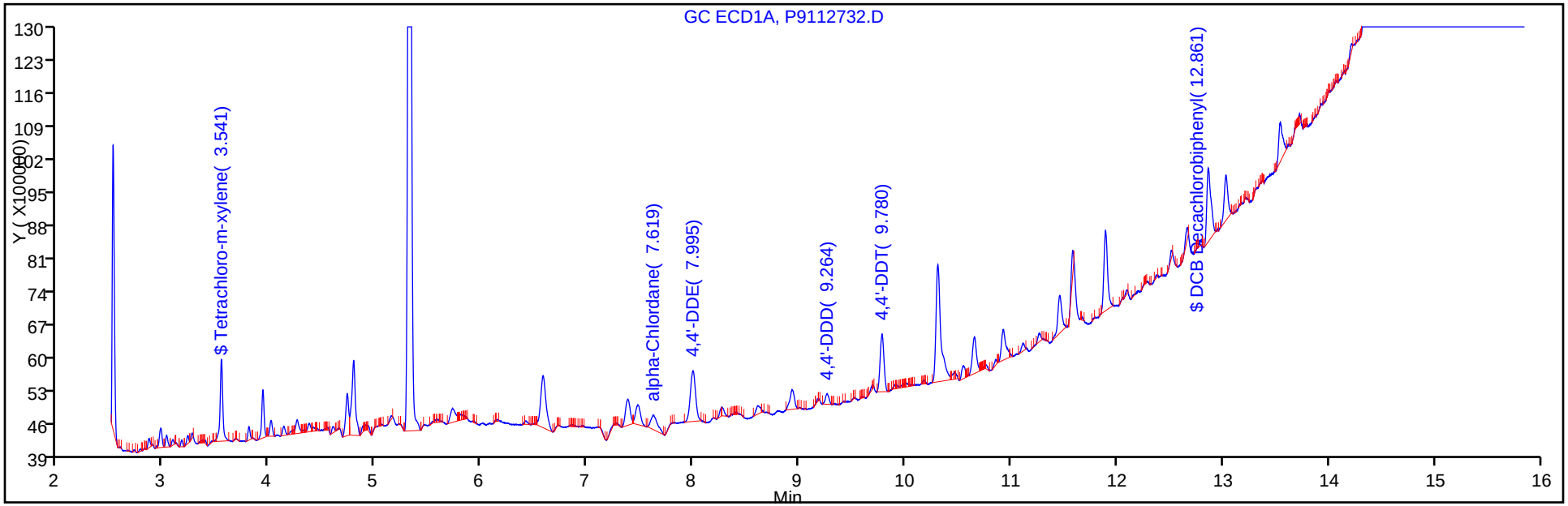
Review Flags
M - Manually Integrated

Report Date: 04-Dec-2012 07:09:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

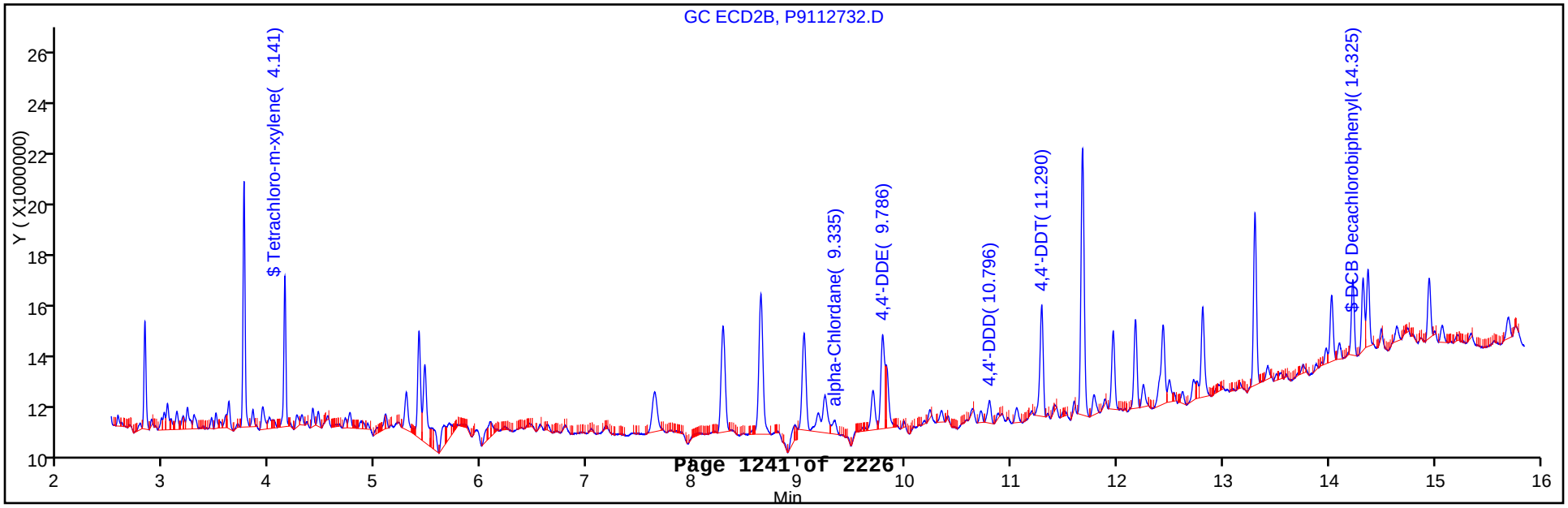
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Injection Date:	28-Nov-2012 16:04:03	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	32
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

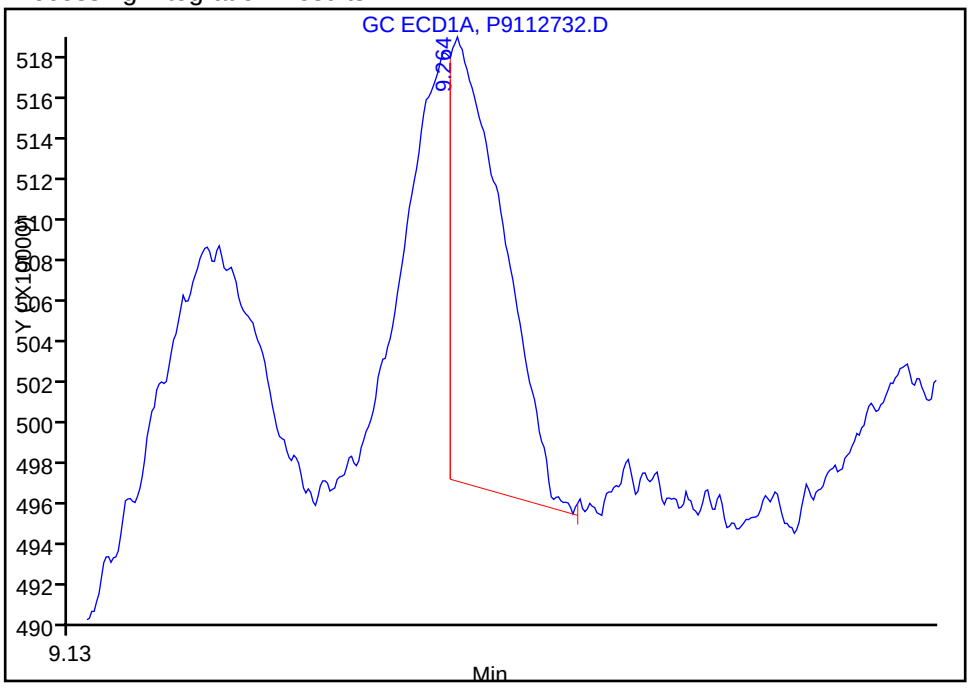
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Injection Date:	28-Nov-2012 16:04:03	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	32
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.26, Det: GC ECD1A

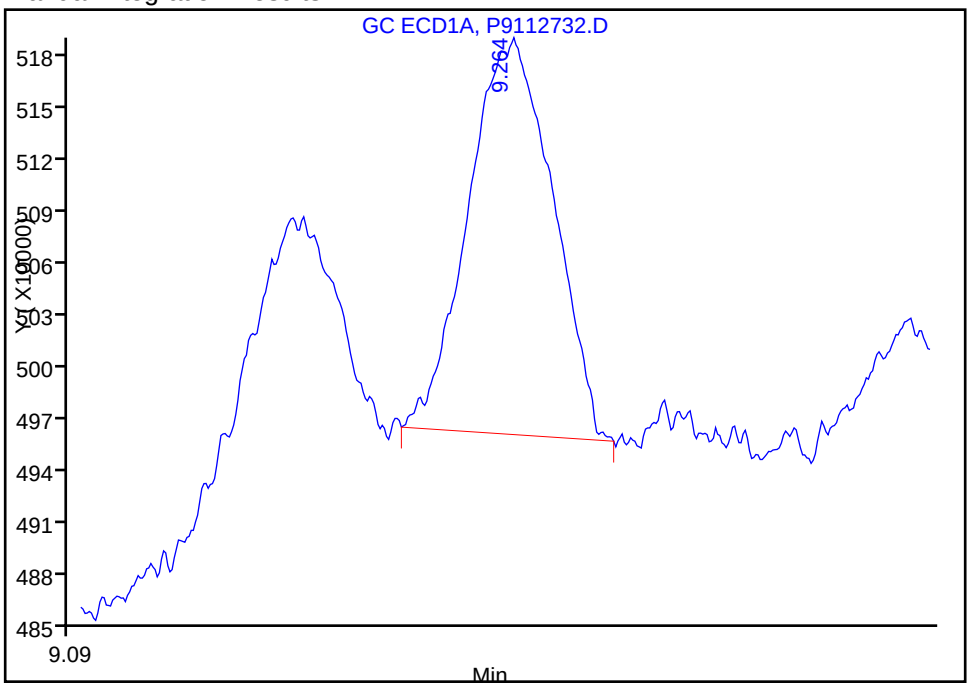
Processing Integration Results

RT: 9.26
Response: 267897
Amount: 0.000150



Manual Integration Results

RT: 9.26
Response: 514255
Amount: 0.000287



Reviewer: vandorenc, 04-Dec-2012 07:09:35
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

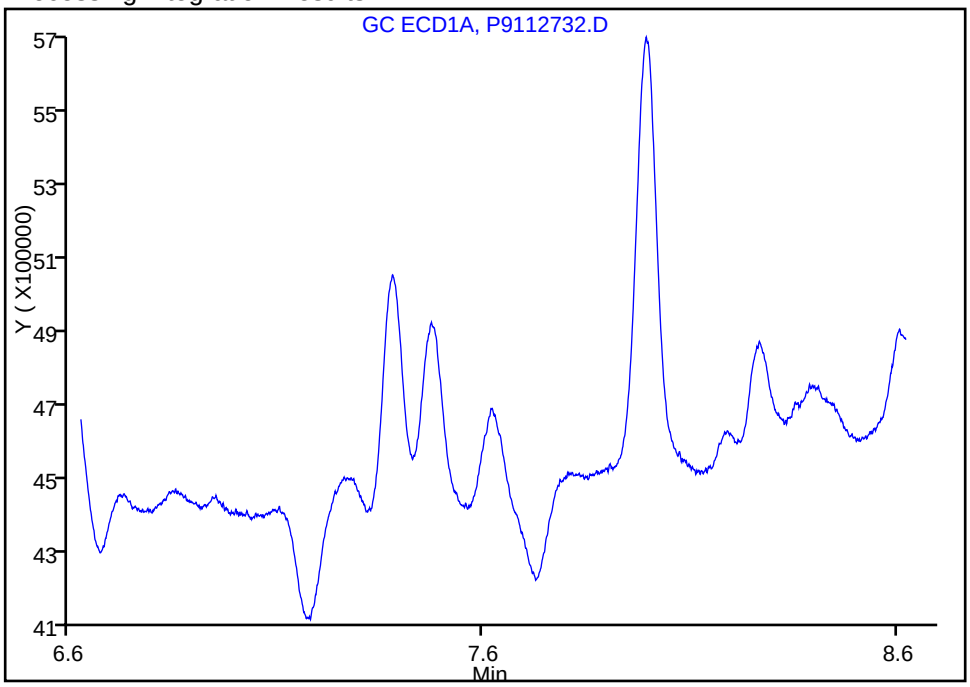
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Injection Date:	28-Nov-2012 16:04:03	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	32
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 alpha-Chlordane, Signal: 1, Type: quant, RT: 7.62, Det: GC ECD1A

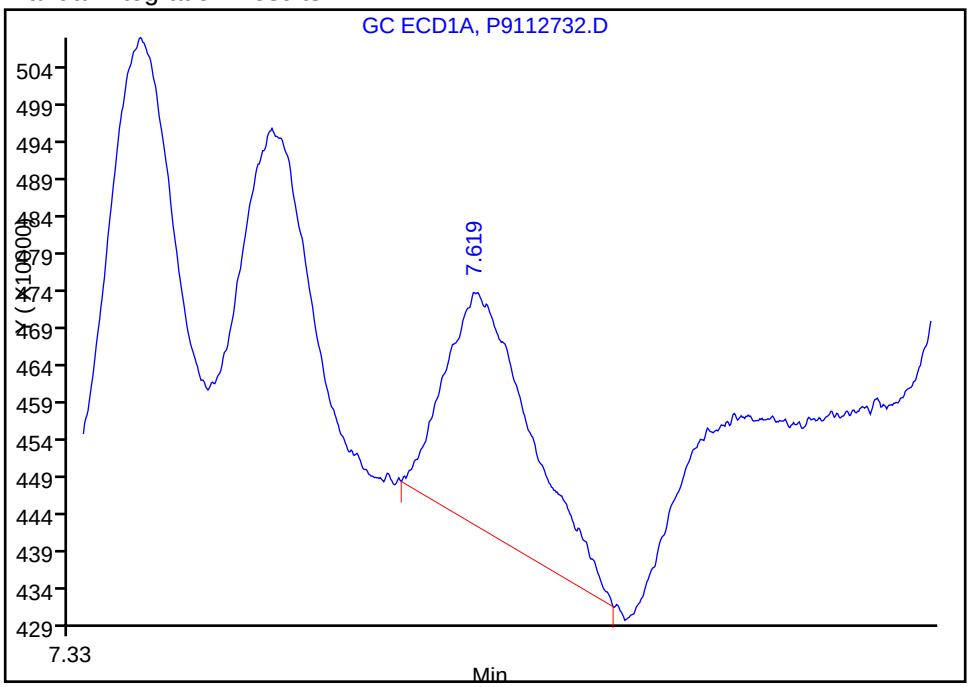
Not Detected
Expected RT: 7.62

Processing Integration Results



Manual Integration Results

RT: 7.62
Response: 1357678
Amount: 0.000500



Reviewer: vandorenc, 29-Nov-2012 10:43:55
Audit Action: Assigned Compound ID
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD | Lab Sample ID: 240-17467-2

Matrix: Solid | Lab File ID: P9112732.D

Analysis Method: 8081/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 29.82(g) | Date Analyzed: 11/28/2012 16:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 37.0 | 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	21	U	64	21	20
72-55-9	4,4'-DDE	13	J D M	54	21	12
50-29-3	4,4'-DDT	29	J D	64	21	20
309-00-2	Aldrin	42	U	130	42	38
319-84-6	alpha-BHC	42	U	80	42	23
5103-71-9	alpha-Chlordane	42	U M	96	42	30
319-85-7	beta-BHC	42	U	110	42	35
319-86-8	delta-BHC	42	U	130	42	38
60-57-1	Dieldrin	21	U	54	21	15
959-98-8	Endosulfan I	21	U	54	21	17
33213-65-9	Endosulfan II	42	U	80	42	26
1031-07-8	Endosulfan sulfate	42	U	96	42	28
72-20-8	Endrin	21	U	54	21	16
7421-93-4	Endrin aldehyde	42	U	96	42	32
53494-70-5	Endrin ketone	21	U	64	21	20
58-89-9	gamma-BHC (Lindane)	42	U	80	42	24
5103-74-2	gamma-Chlordane	21	U	54	21	13
76-44-8	Heptachlor	42	U	110	42	35
1024-57-3	Heptachlor epoxide	42	U J	80	42	26
72-43-5	Methoxychlor	110	U	160	110	48
8001-35-2	Toxaphene	640	U	2100	640	610

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		55-130
877-09-8	Tetrachloro-m-xylene	111		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Lims ID:	240-17467-N-2-D	Client ID:	075SD-0002-0001-SD
Inject. Date:	28-Nov-2012 16:04:03	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	240-0015316-032		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	66500	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	04-Dec-2012 07:09:35	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:	XAWRK008		

First Level Reviewer: vandorenc Date: 04-Dec-2012 07:09:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	3086676	0.001278			
2	100	4.141	4.141	0.000	7918680	0.001114			
						RPD = 13.68			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									1
1	100		4.012						
2	100		4.758						
5 alpha-BHC									1
1	100		4.226						
2	100		4.979						
20 gamma-BHC (Lindane)									1
1	100		4.606						
2	100		5.548						
7 beta-BHC									1
1	100		4.739						
2	100		5.728						
11 delta-BHC									1
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
1	100		5.244						
2	100		6.394						
4 Aldrin									1
1	100		5.705						
2	100		7.131						
25 Isodrin									1
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.606						
21 gamma-Chlordane									1
1	100		7.275						
2	100		9.026						
6 alpha-Chlordane									M
1	100	7.619	7.624	-0.005	1357678	0.000500			7
2	100	9.335	9.336	-0.001	1566762	0.000223			7M
						RPD = 76.83			
LOD = 0.000500									
14 Endosulfan I									1
1	100		7.898						
2	100		9.396						
2 4,4'-DDE									M
1	100	7.995	7.997	-0.002	3724321	0.001287			
2	100	9.786	9.788	-0.002	8705948	0.001208			M
						RPD = 6.31			
13 Dieldrin									
1	100		8.458						
2	100		9.927						
17 Endrin									1
1	100		8.909						
2	100		10.446						
26 Kepone									1
1	100		9.002						
2	100		10.667						
9 Chlorobenzilate									1
1	100		9.231						
2	100		10.524						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
1 4,4'-DDD									M
1	100	9.264	9.264	0.000	514255	0.000287			M
2	100	10.796	10.810	-0.014	1944419	0.000198			
						RPD = 36.59			
15 Endosulfan II									1
1	100		9.355						
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	9.780	9.781	-0.001	3096363	0.002180			
2	100	11.290	11.293	-0.003	9156221	0.002750			
						RPD = 23.11			
18 Endrin aldehyde									1
1	100		10.142						
2	100		11.385						
28 Mirex									1
1	100		10.476						
2	100		12.377						
27 Methoxychlor									1
1	100		10.723						
2	100		12.366						
16 Endosulfan sulfate									1
1	100		10.861						
2	100		11.816						
19 Endrin ketone									
1	100		11.260						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.861	12.863	-0.002	4247931	0.002060			
2	100	14.325	14.325	0.000	5190480	0.001097			
						RPD = 61.03			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

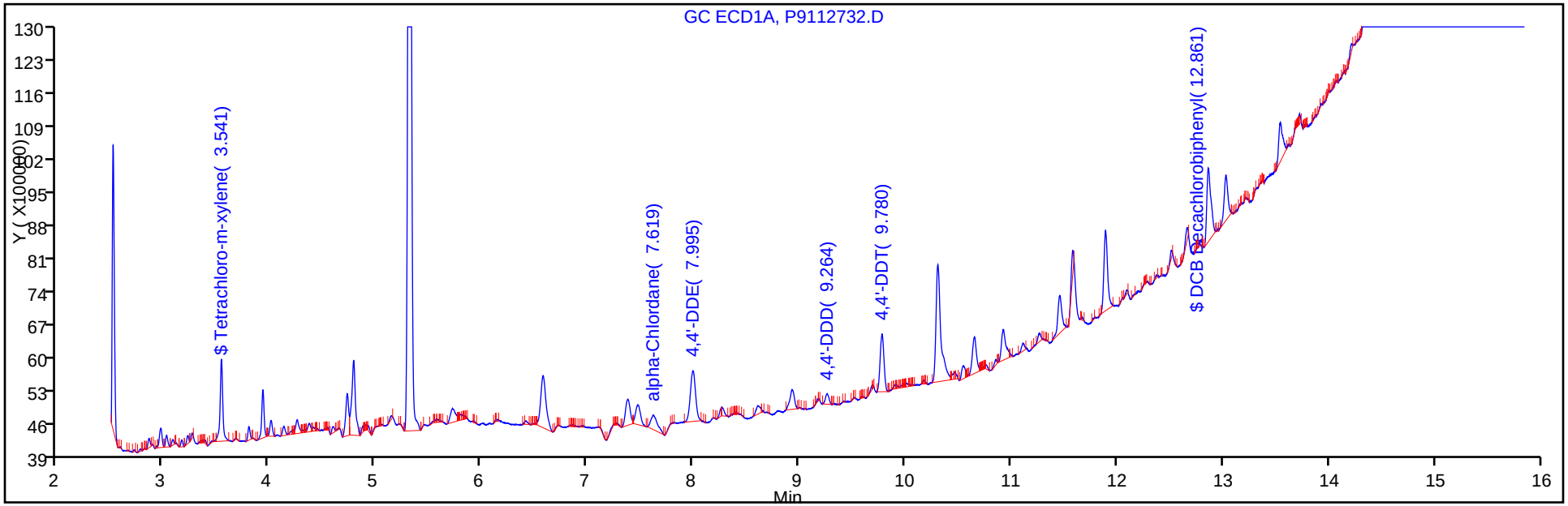
Review Flags
M - Manually Integrated

Report Date: 04-Dec-2012 07:09:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

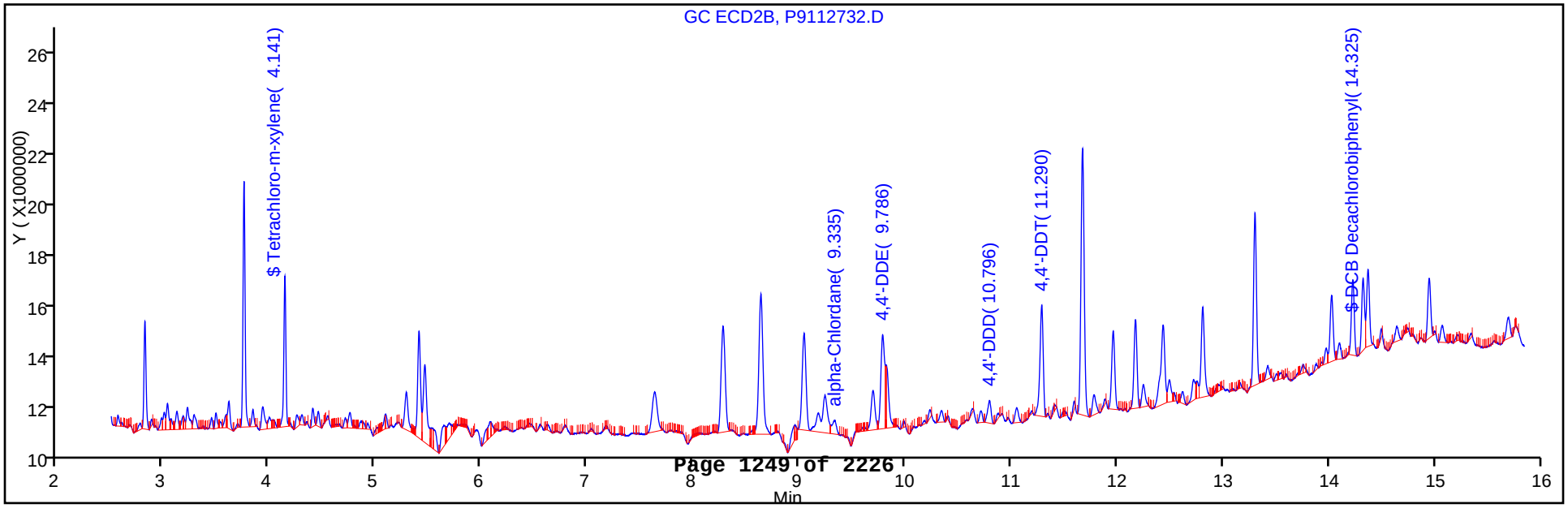
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Injection Date:	28-Nov-2012 16:04:03	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	32
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: 04-Dec-2012 07:09:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

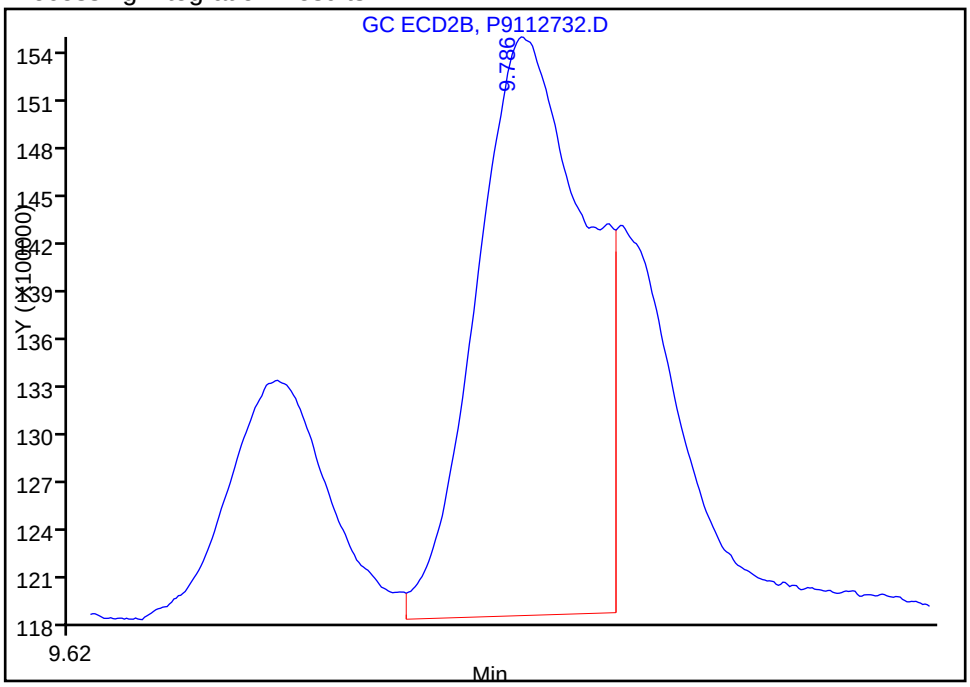
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Injection Date:	28-Nov-2012 16:04:03	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	32
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

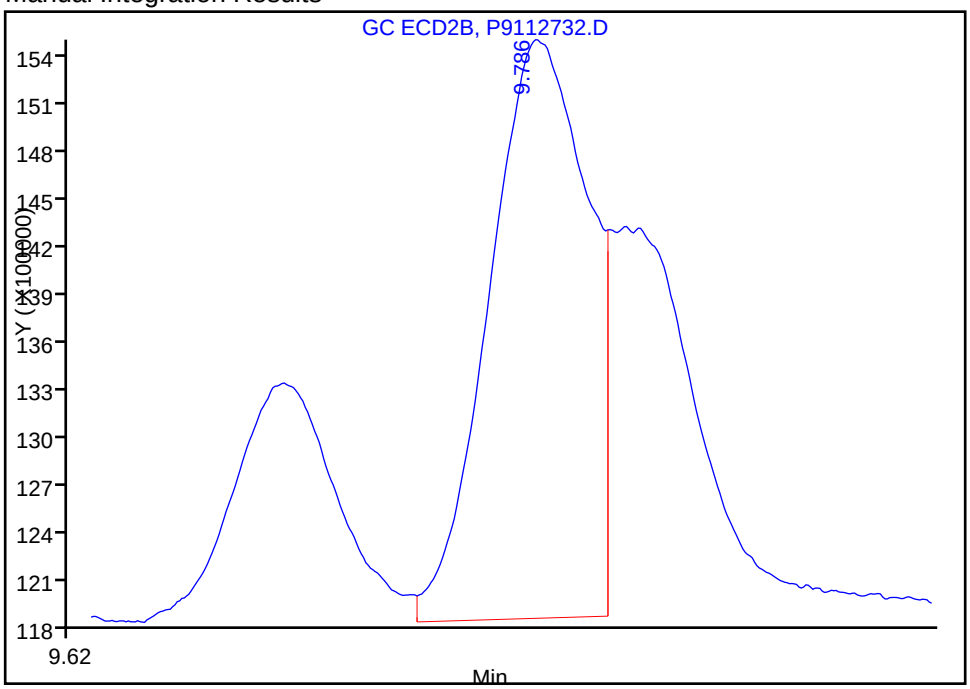
Processing Integration Results

RT: 9.79
Response: 10004096
Amount: 0.001388



Manual Integration Results

RT: 9.79
Response: 8705948
Amount: 0.001208



Reviewer: vandorenc, 29-Nov-2012 10:43:55
Audit Action: Split an Integrated Peak
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

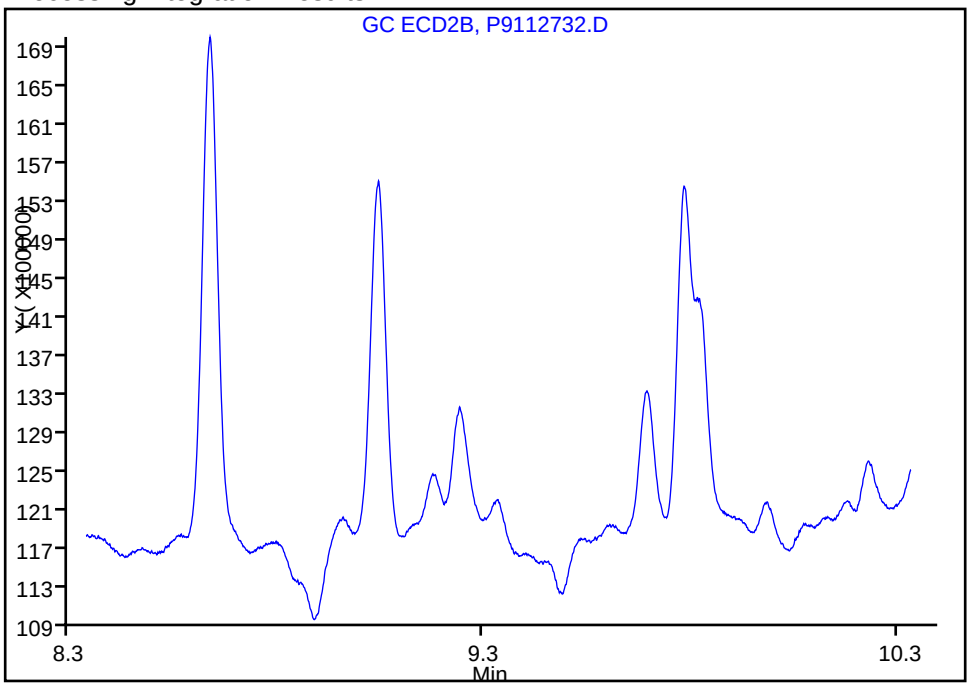
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112732.D		
Injection Date:	28-Nov-2012 16:04:03	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	32
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 alpha-Chlordane, Signal: 2, Type: quant, RT: 9.34, Det: GC ecd2b

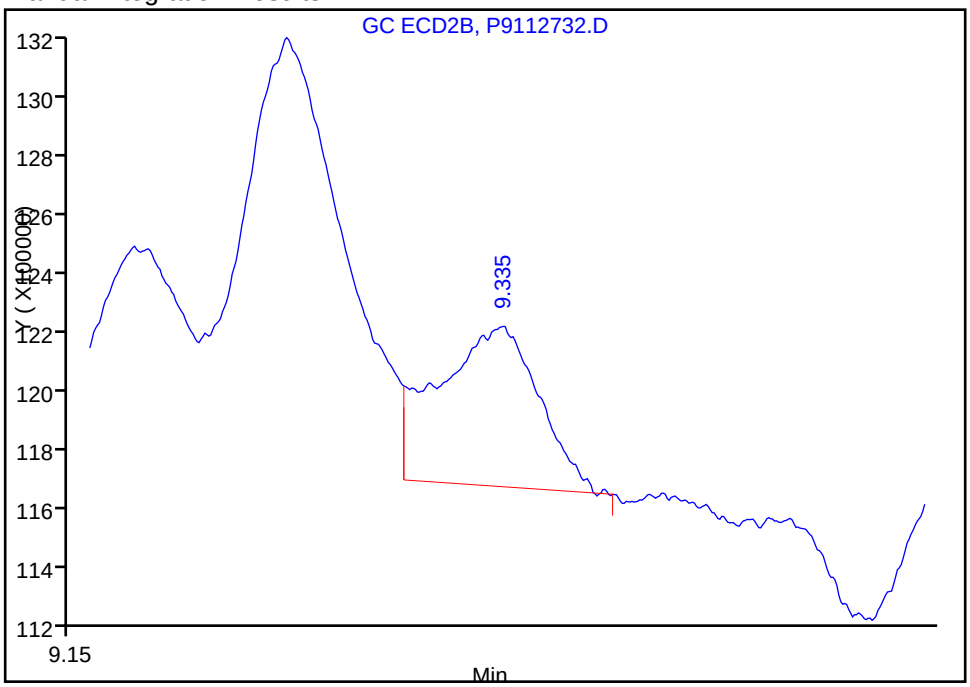
Processing Integration Results

Not Detected
Expected RT: 9.34



Manual Integration Results

RT: 9.33
Response: 1566762
Amount: 0.000223



Reviewer: vandorenc, 29-Nov-2012 10:43:55
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD Lab Sample ID: 240-17467-4

Matrix: Solid Lab File ID: P9112735.D

Analysis Method: 8081/DOD Date Collected: 11/09/2012 14:00

Extraction Method: 3540C Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.38(g) Date Analyzed: 11/28/2012 17:27

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 36.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 66500 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		55-130
877-09-8	Tetrachloro-m-xylene	122		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112735.D
Lims ID: 240-17467-E-4-B
Client ID: 075SD-0003-0001-SD
Inject. Date: 28-Nov-2012 17:27:58
Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015316-035
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 35
Lims Batch ID: 66500
Lims Sample ID: 35
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

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:47:01

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	5876908	0.002433			
2	100	4.141	4.141	0.000	14396313	0.002025			
						RPD = 18.27			
5 alpha-BHC									1
1	100		4.226						
2	100		4.979						
20 gamma-BHC (Lindane)									1
1	100		4.606						
2	100		5.548						
7 beta-BHC									1
1	100		4.739						
2	100		5.728						
11 delta-BHC									1
1	100		4.957						
2	100		6.292						
22 Heptachlor									1
1	100		5.244						
2	100		6.394						
4 Aldrin									1
1	100		5.705						
2	100		7.131						
23 Heptachlor epoxide									1
1	100		6.961						
2	100		8.606						
21 gamma-Chlordane									1
1	100		7.275						
2	100		9.026						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									1
1	100		7.624						
2	100		9.336						
14 Endosulfan I									1
1	100		7.898						
2	100		9.396						
2 4,4'-DDE									
1	100	7.996	7.997	-0.001	1428057	0.000493			
2	100	9.789	9.788	0.001	2147991	0.000298			
						RPD = 49.36			
13 Dieldrin									1
1	100		8.458						
2	100		9.927						
17 Endrin									1
1	100		8.909						
2	100		10.446						
1 4,4'-DDD									1
1	100		9.264						
2	100		10.810						
15 Endosulfan II									1
1	100		9.355						
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									M
1	100	9.783	9.781	0.002	607651	0.000428			7
2	100	11.283	11.293	-0.010	2991053	0.000898			7
						RPD = 70.95			
LOD = 0.000500									
18 Endrin aldehyde									1
1	100		10.142						
2	100		11.385						
27 Methoxychlor									1
1	100		10.723						
2	100		12.366						
16 Endosulfan sulfate									1
1	100		10.861						
2	100		11.816						
19 Endrin ketone									1
1	100		11.260						
2	100		12.552						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.863	-0.001	5109220	0.002478			
2	100	14.324	14.325	-0.001	8320469	0.001758			
						RPD = 33.98			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

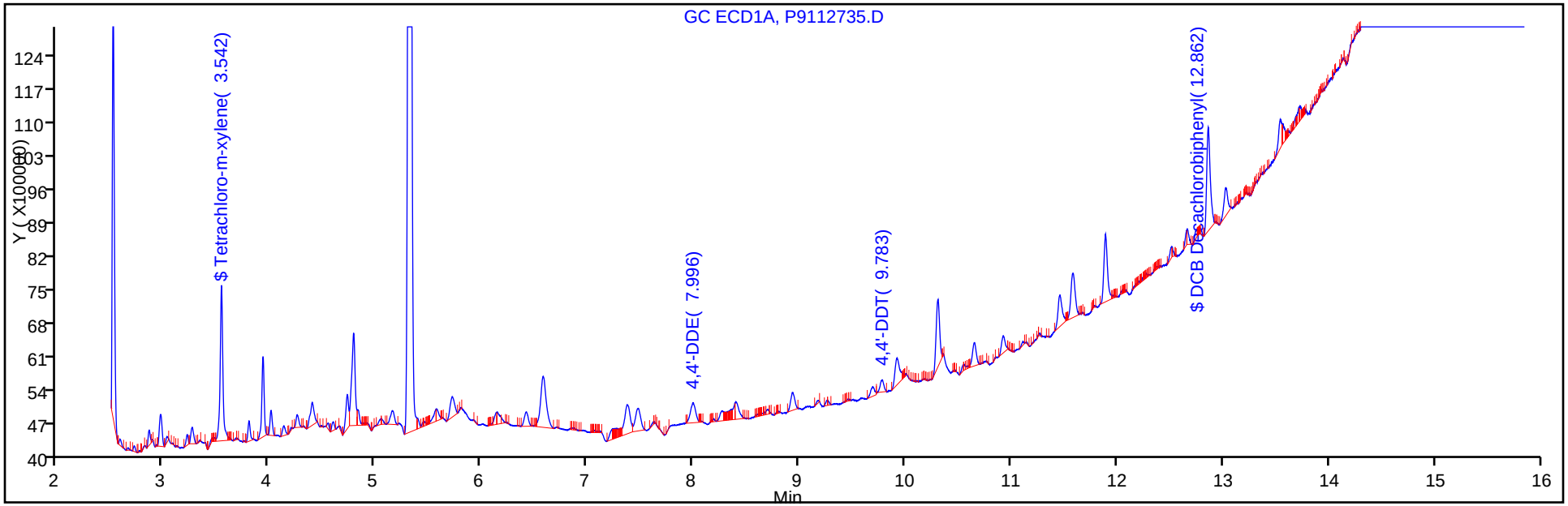
Report Date: 29-Nov-2012 11:21:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

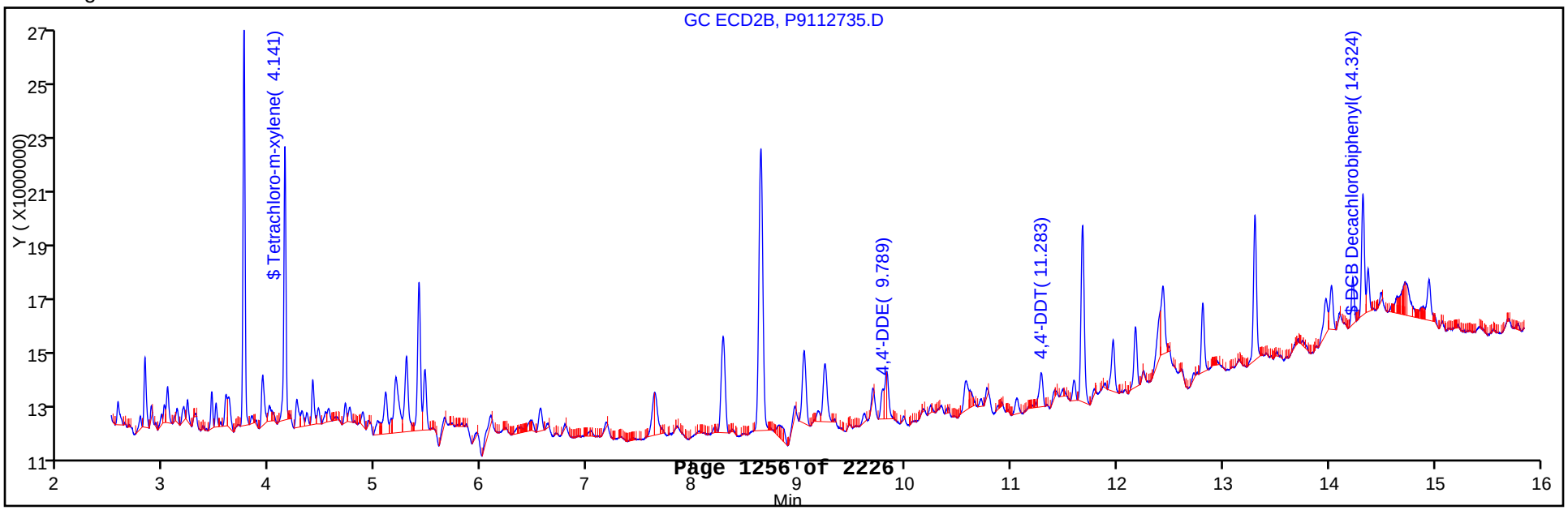
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112735.D

Injection Date:	28-Nov-2012 17:27:58	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	35
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD | Lab Sample ID: 240-17467-4

Matrix: Solid | Lab File ID: P9112735.D

Analysis Method: 8081/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.38(g) | Date Analyzed: 11/28/2012 17:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 36.9 | 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	10	U	31	10	9.7
72-55-9	4,4'-DDE	10	U	27	10	6.1
50-29-3	4,4'-DDT	10	U	31	10	9.9
309-00-2	Aldrin	21	U	63	21	19
319-84-6	alpha-BHC	21	U	39	21	11
5103-71-9	alpha-Chlordane	21	U	47	21	15
319-85-7	beta-BHC	21	U	55	21	17
319-86-8	delta-BHC	21	U	63	21	19
60-57-1	Dieldrin	10	U	27	10	7.4
959-98-8	Endosulfan I	10	U	27	10	8.1
33213-65-9	Endosulfan II	21	U	39	21	13
1031-07-8	Endosulfan sulfate	21	U	47	21	14
72-20-8	Endrin	10	U	27	10	7.8
7421-93-4	Endrin aldehyde	21	U	47	21	16
53494-70-5	Endrin ketone	10	U	31	10	9.9
58-89-9	gamma-BHC (Lindane)	21	U	39	21	12
5103-74-2	gamma-Chlordane	10	U	27	10	6.6
76-44-8	Heptachlor	21	U	55	21	17
1024-57-3	Heptachlor epoxide	21	U	39	21	13
72-43-5	Methoxychlor	52	U	78	52	23
8001-35-2	Toxaphene	310	U	1000	310	300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		55-130
877-09-8	Tetrachloro-m-xylene	101		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112735.D
Lims ID: 240-17467-E-4-B
Client ID: 075SD-0003-0001-SD
Inject. Date: 28-Nov-2012 17:27:58
Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015316-035
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 35
Lims Batch ID: 66500
Lims Sample ID: 35
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

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:47:01

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	5876908	0.002433			
2	100	4.141	4.141	0.000	14396313	0.002025			
						RPD = 18.27			
5 alpha-BHC									1
1	100		4.226						
2	100		4.979						
20 gamma-BHC (Lindane)									1
1	100		4.606						
2	100		5.548						
7 beta-BHC									1
1	100		4.739						
2	100		5.728						
11 delta-BHC									1
1	100		4.957						
2	100		6.292						
22 Heptachlor									1
1	100		5.244						
2	100		6.394						
4 Aldrin									1
1	100		5.705						
2	100		7.131						
23 Heptachlor epoxide									1
1	100		6.961						
2	100		8.606						
21 gamma-Chlordane									1
1	100		7.275						
2	100		9.026						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									1
1	100		7.624						
2	100		9.336						
14 Endosulfan I									1
1	100		7.898						
2	100		9.396						
2 4,4'-DDE									
1	100	7.996	7.997	-0.001	1428057	0.000493			
2	100	9.789	9.788	0.001	2147991	0.000298			
						RPD = 49.36			
13 Dieldrin									1
1	100		8.458						
2	100		9.927						
17 Endrin									1
1	100		8.909						
2	100		10.446						
1 4,4'-DDD									1
1	100		9.264						
2	100		10.810						
15 Endosulfan II									1
1	100		9.355						
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									M
1	100	9.783	9.781	0.002	607651	0.000428			7
2	100	11.283	11.293	-0.010	2991053	0.000898			7
						RPD = 70.95			
LOD = 0.000500									
18 Endrin aldehyde									1
1	100		10.142						
2	100		11.385						
27 Methoxychlor									1
1	100		10.723						
2	100		12.366						
16 Endosulfan sulfate									1
1	100		10.861						
2	100		11.816						
19 Endrin ketone									1
1	100		11.260						
2	100		12.552						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.863	-0.001	5109220	0.002478			
2	100	14.324	14.325	-0.001	8320469	0.001758			
						RPD = 33.98			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

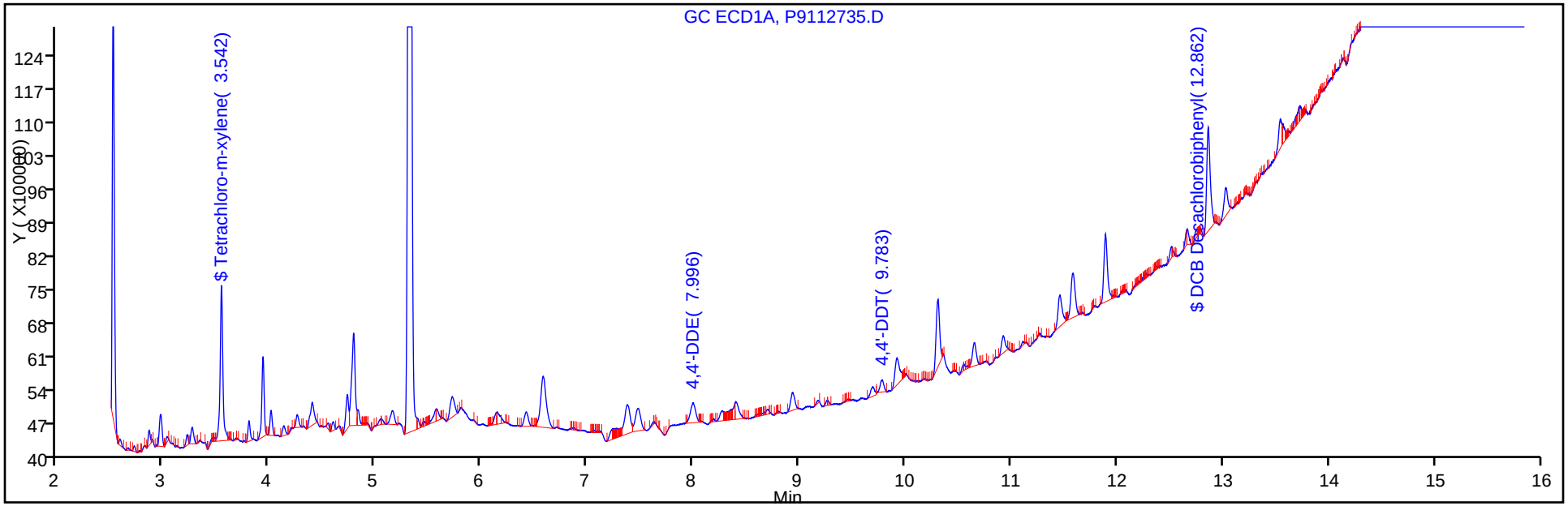
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 11:21:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

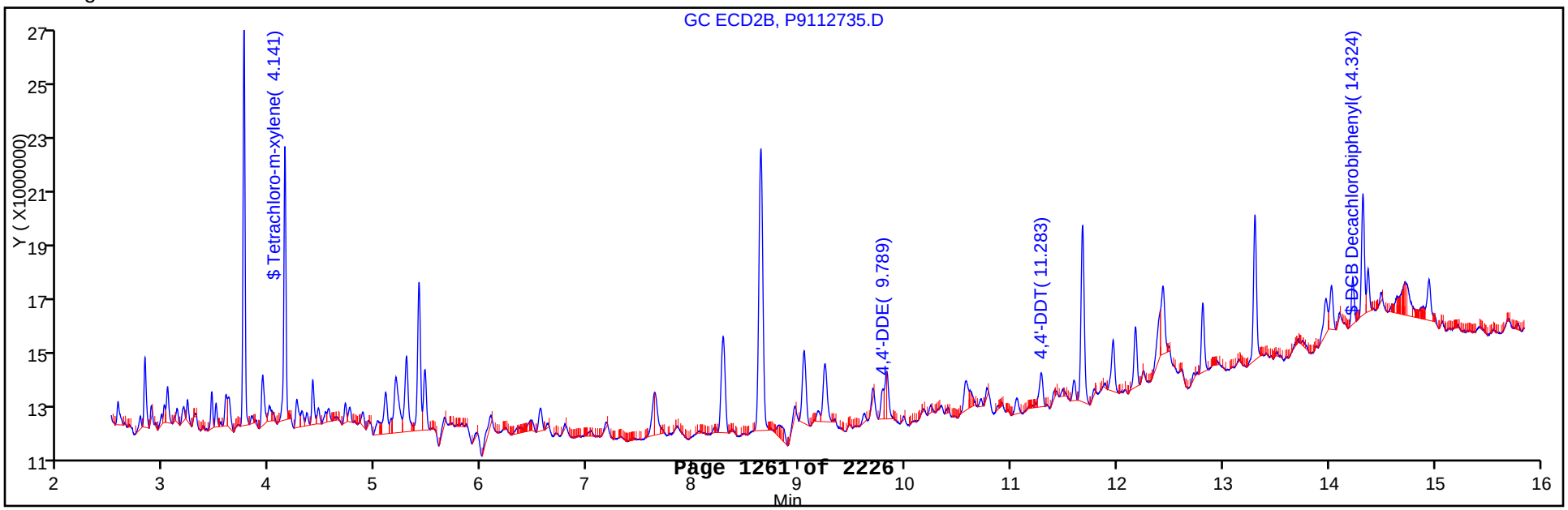
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112735.D		
Injection Date:	28-Nov-2012 17:27:58	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	35
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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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			

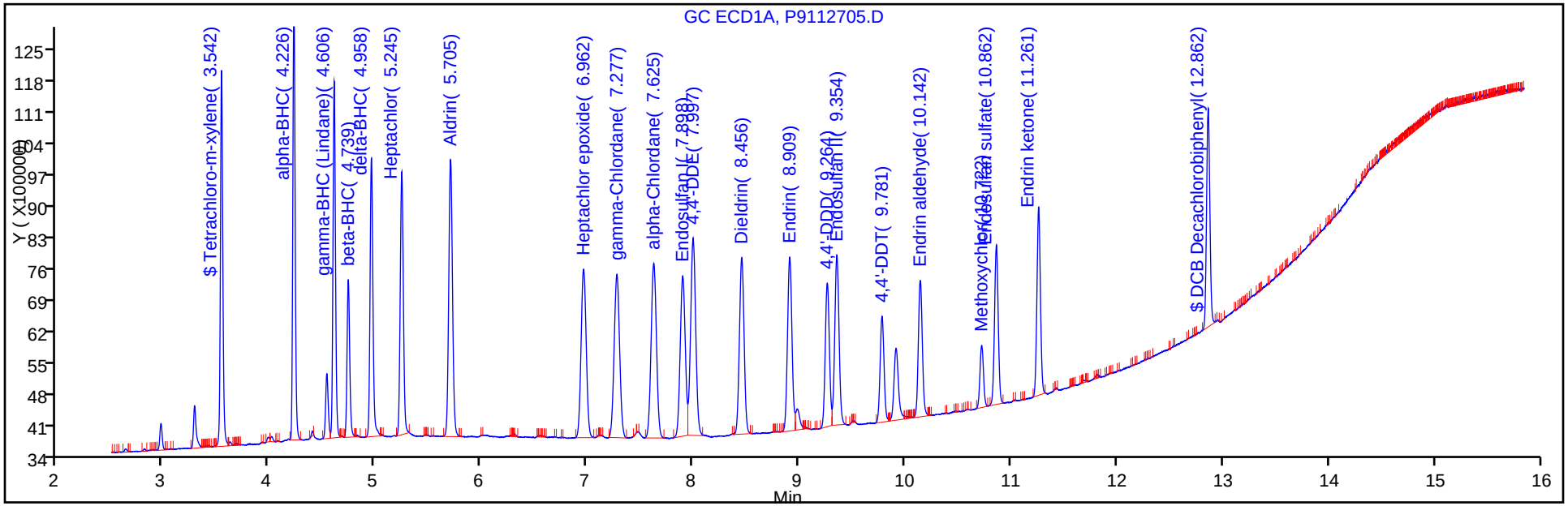
Report Date: 29-Nov-2012 09:55:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

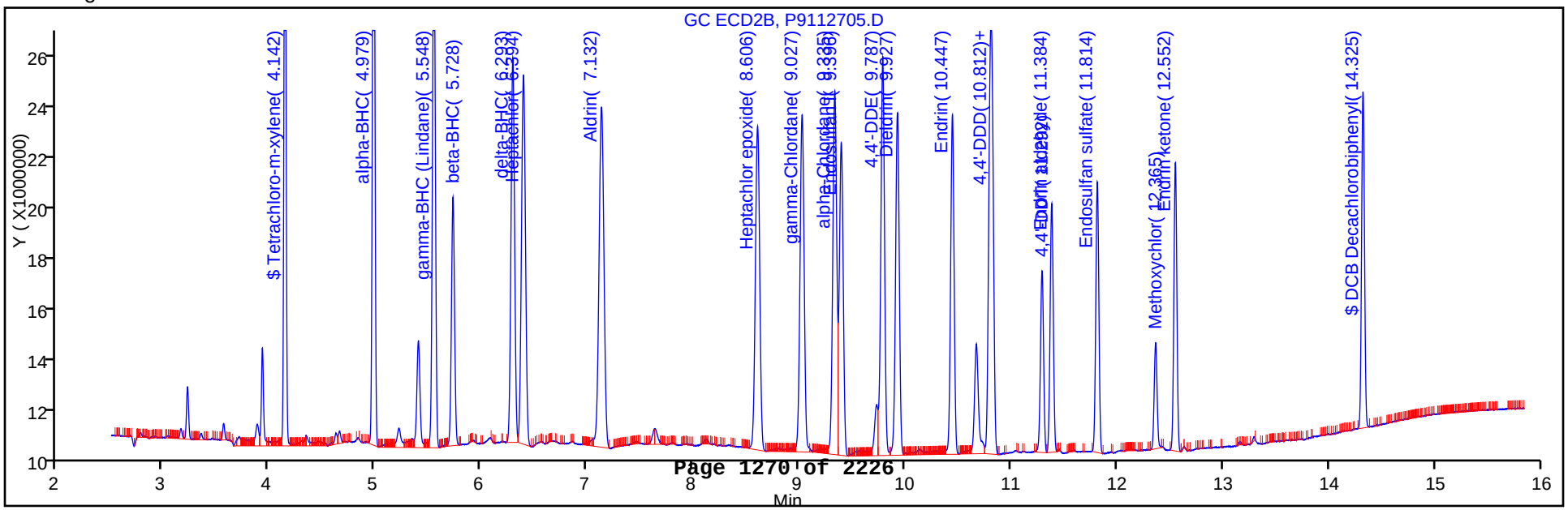
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112705.D

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			

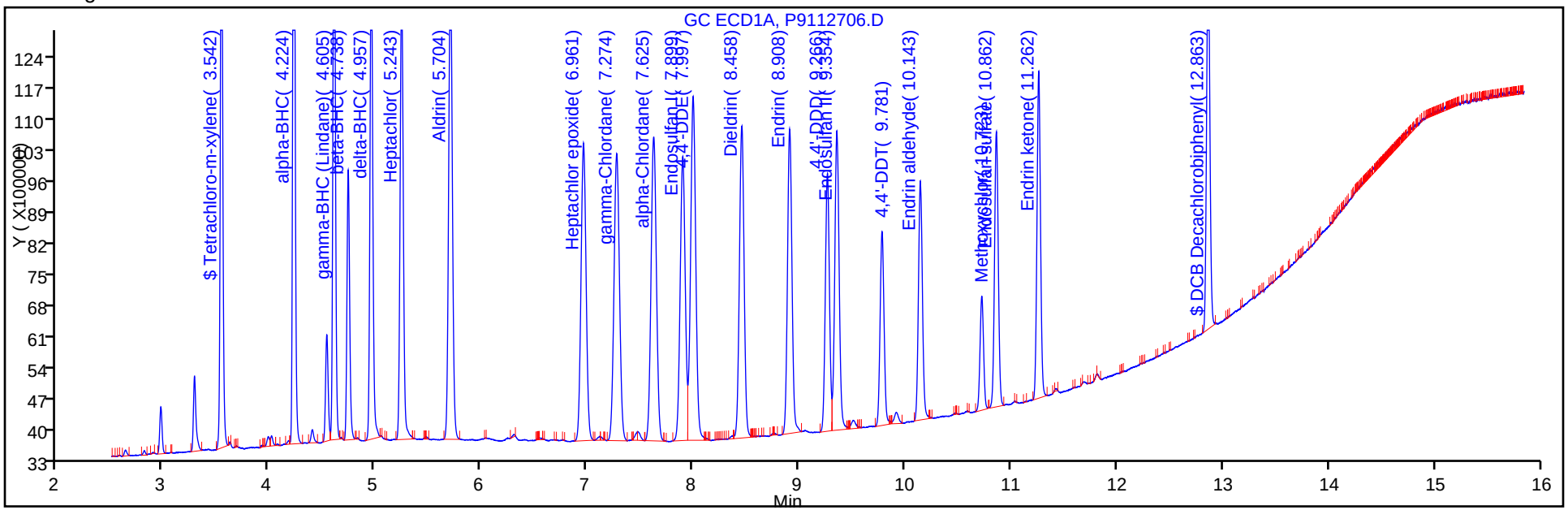
Report Date: 29-Nov-2012 09:55:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

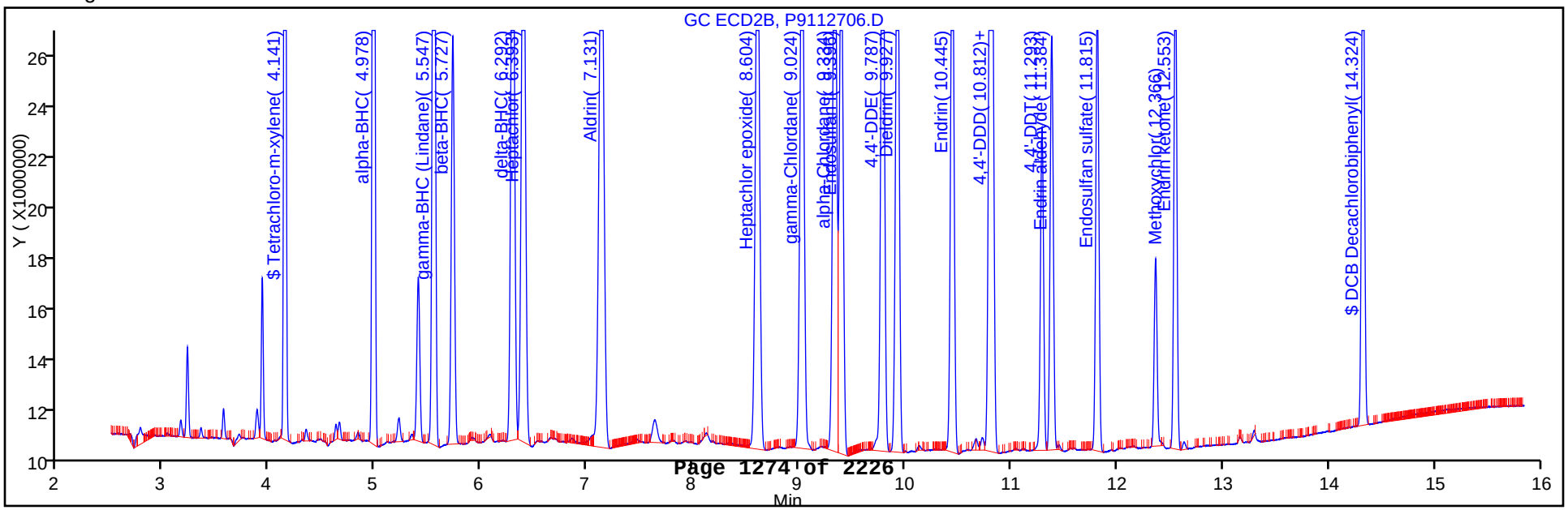
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112706.D

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

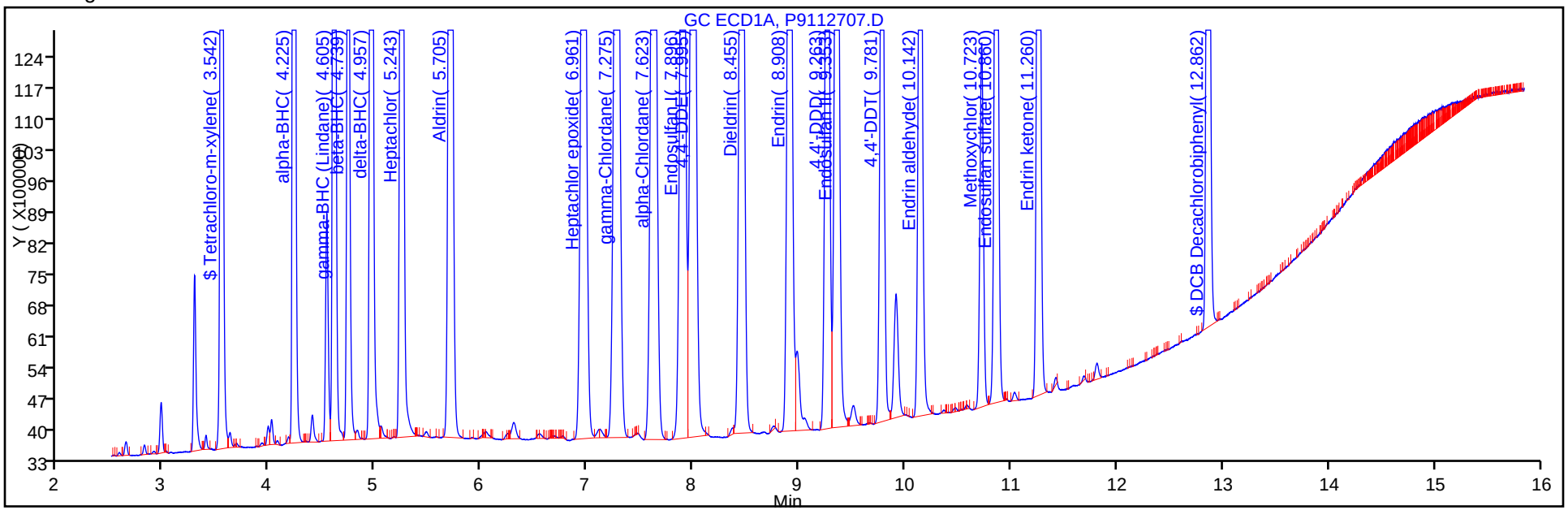
Report Date: 29-Nov-2012 09:55:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

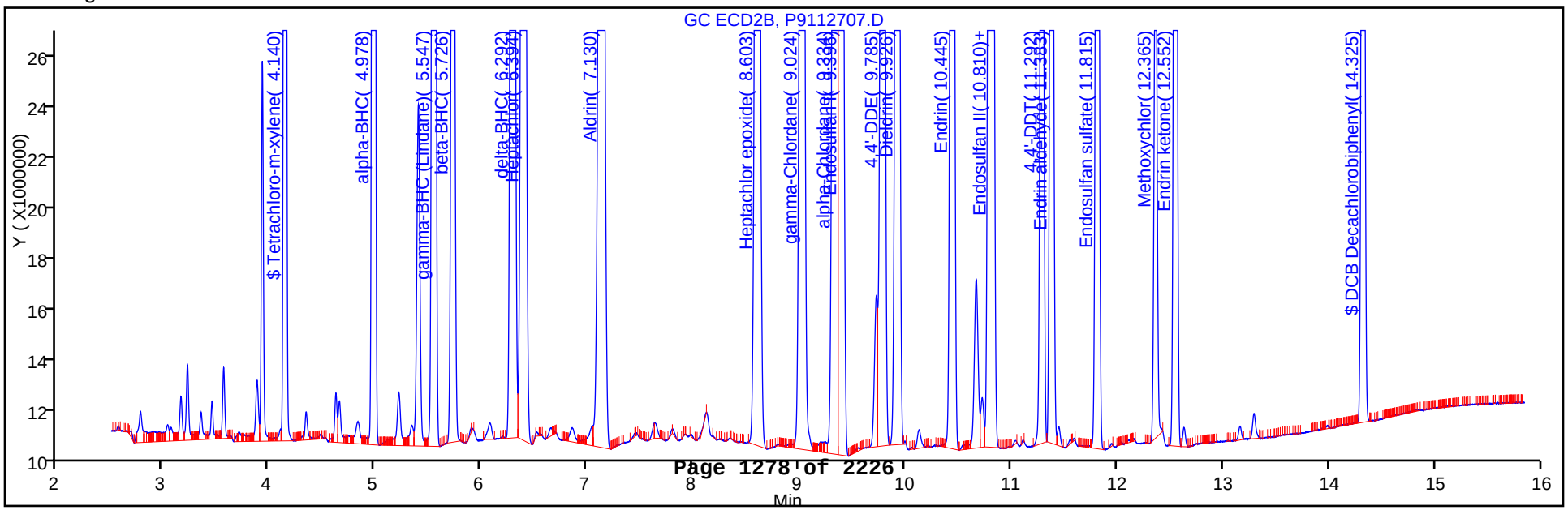
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112707.D

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



Manual Integration/User Assign Peak Report

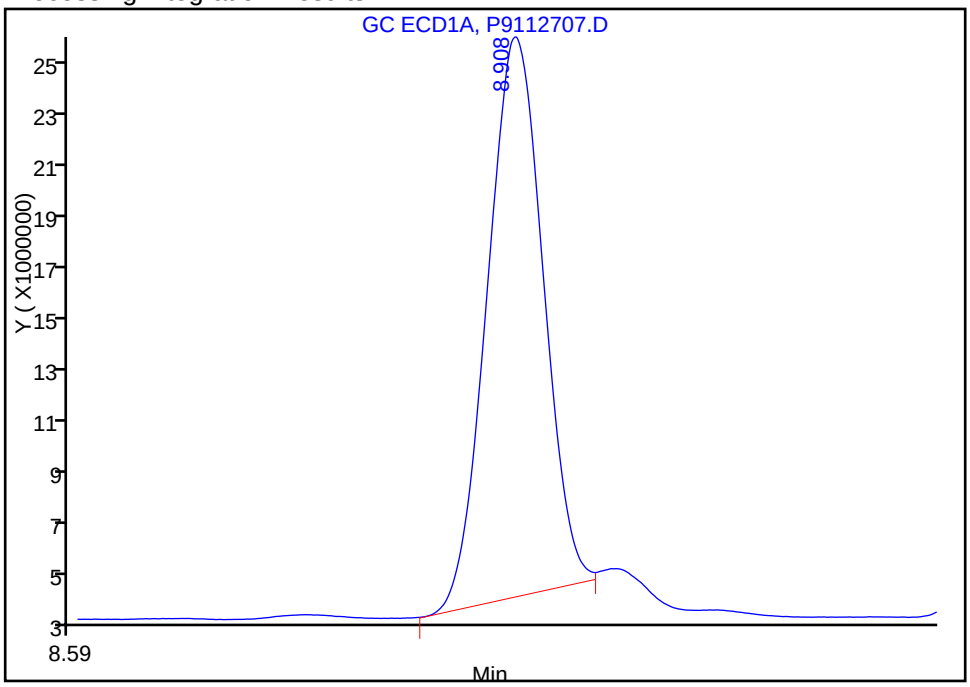
TestAmerica Canton

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

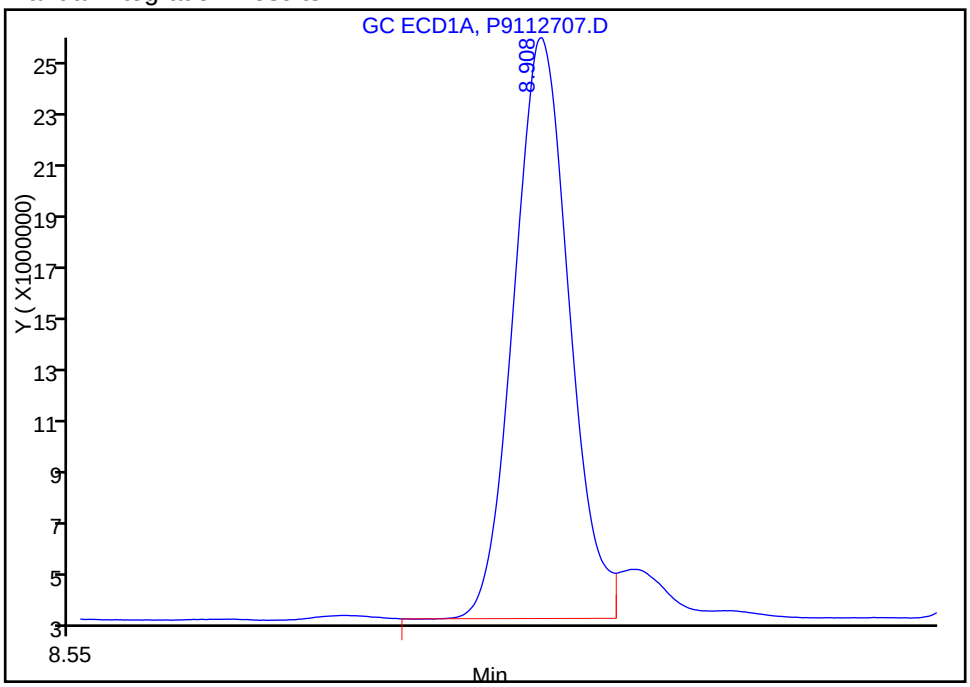
Processing Integration Results

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			

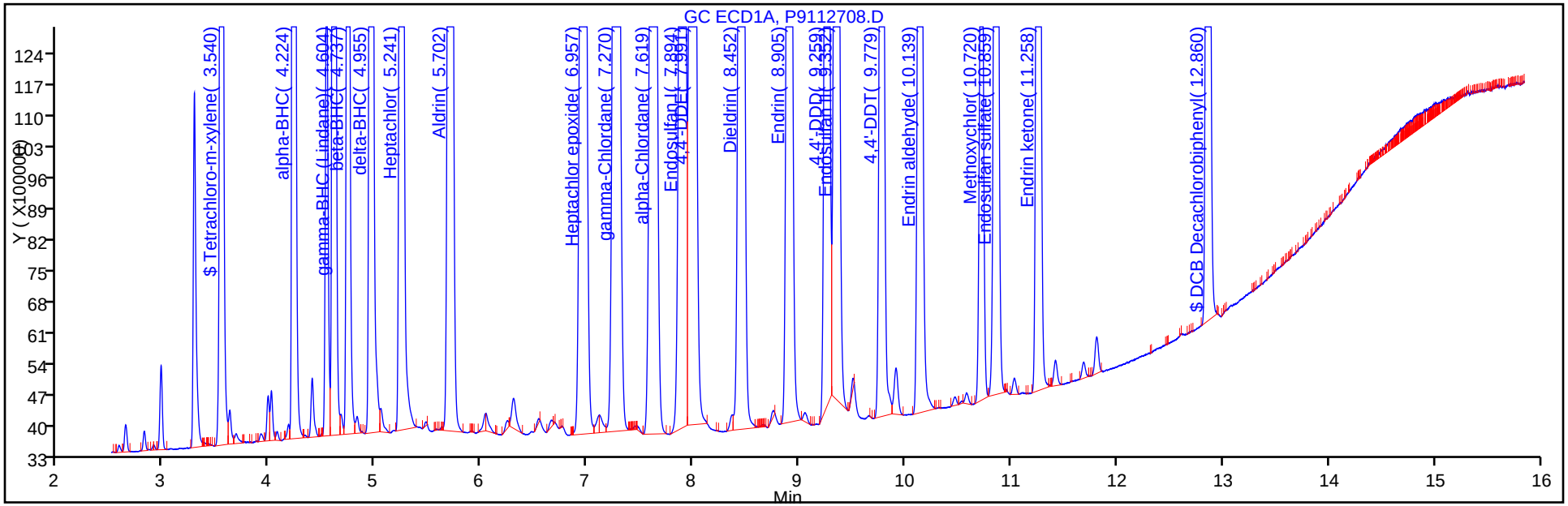
Report Date: 29-Nov-2012 09:55:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

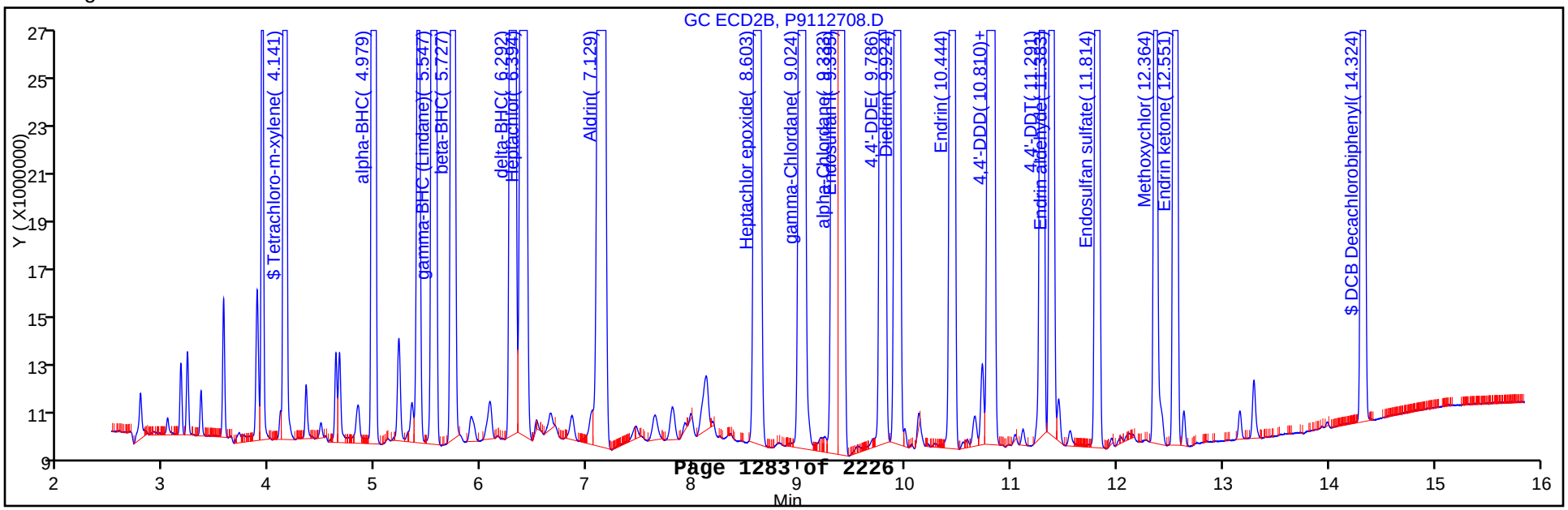
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112708.D

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			

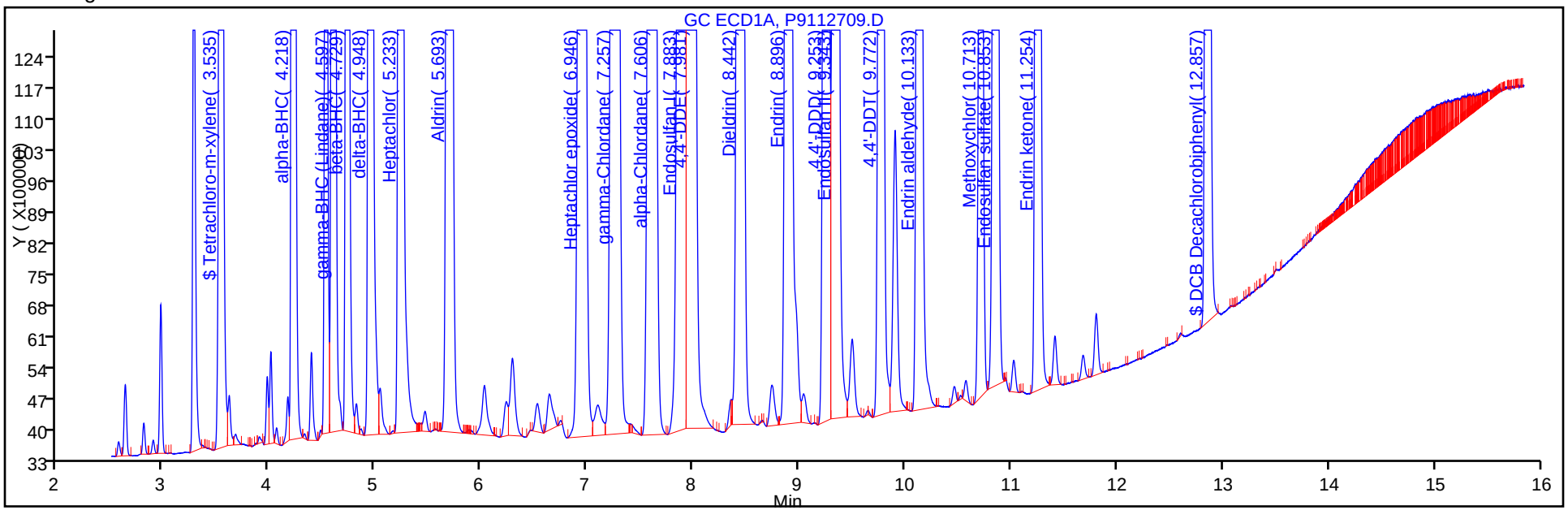
Report Date: 29-Nov-2012 09:55:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

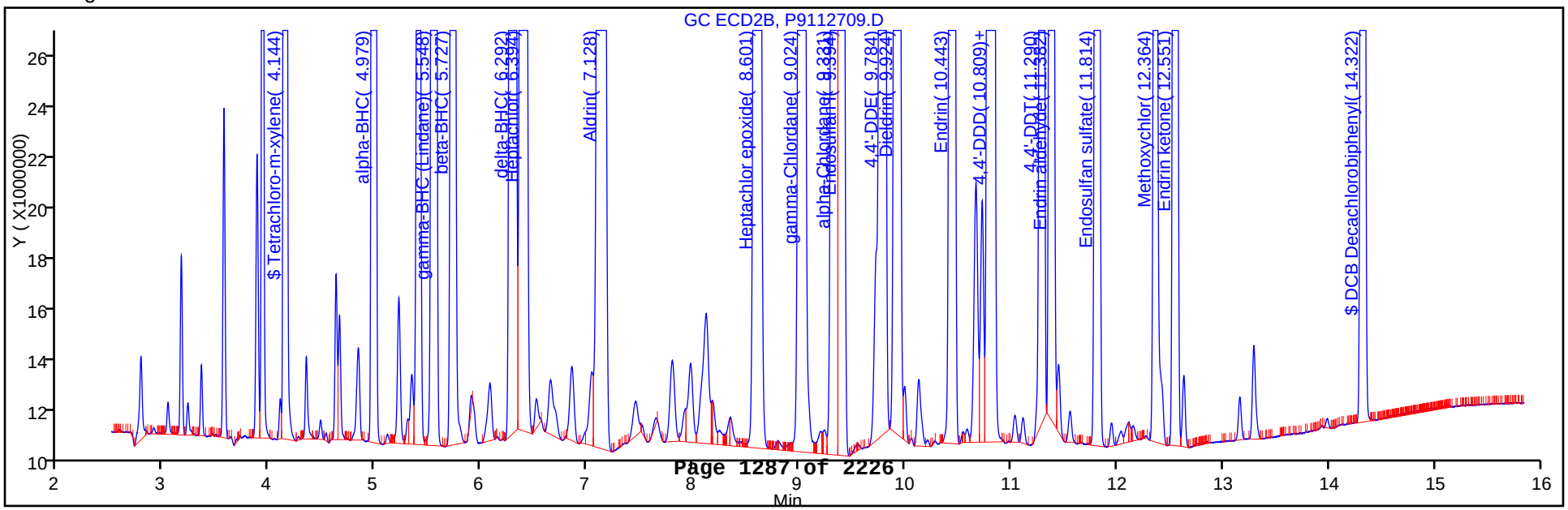
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112709.D

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			

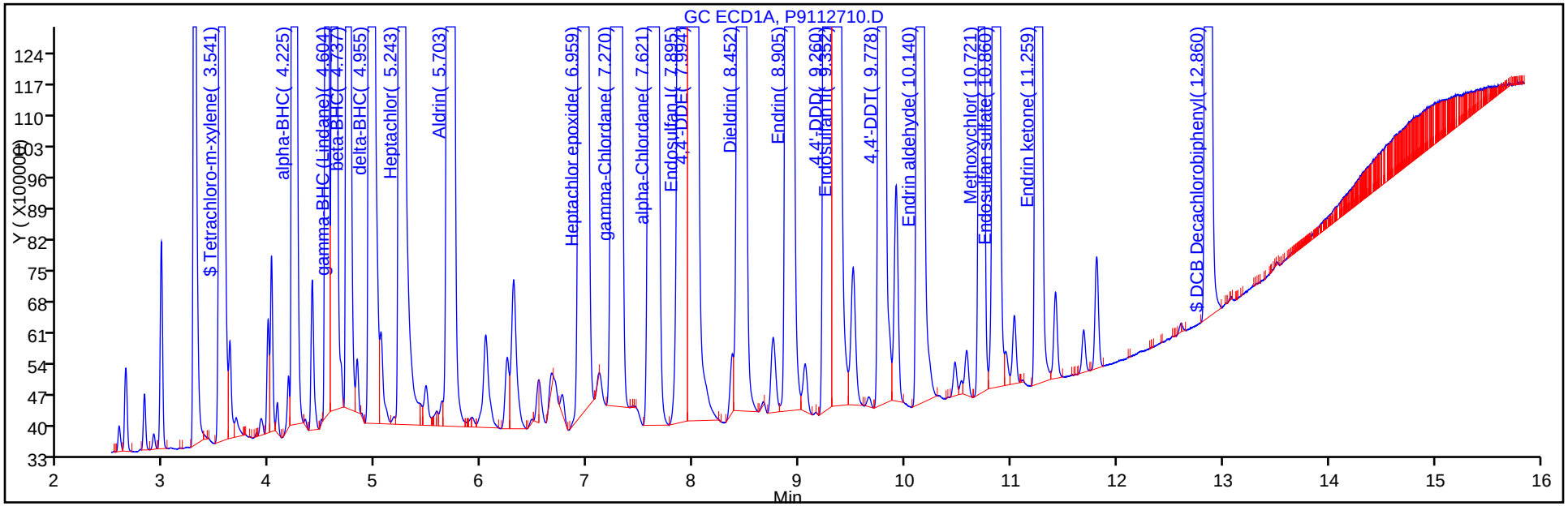
Report Date: 29-Nov-2012 09:55:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

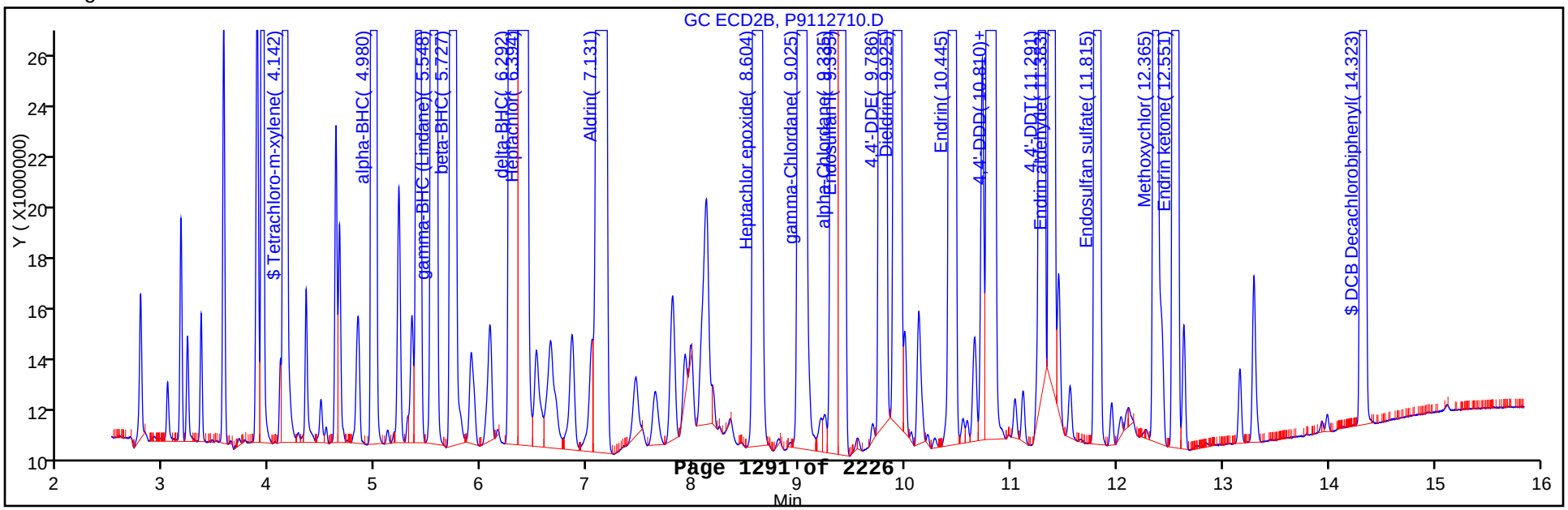
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112710.D

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.: 240-17467-1 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.: 240-17467-1 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 9681652400	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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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			

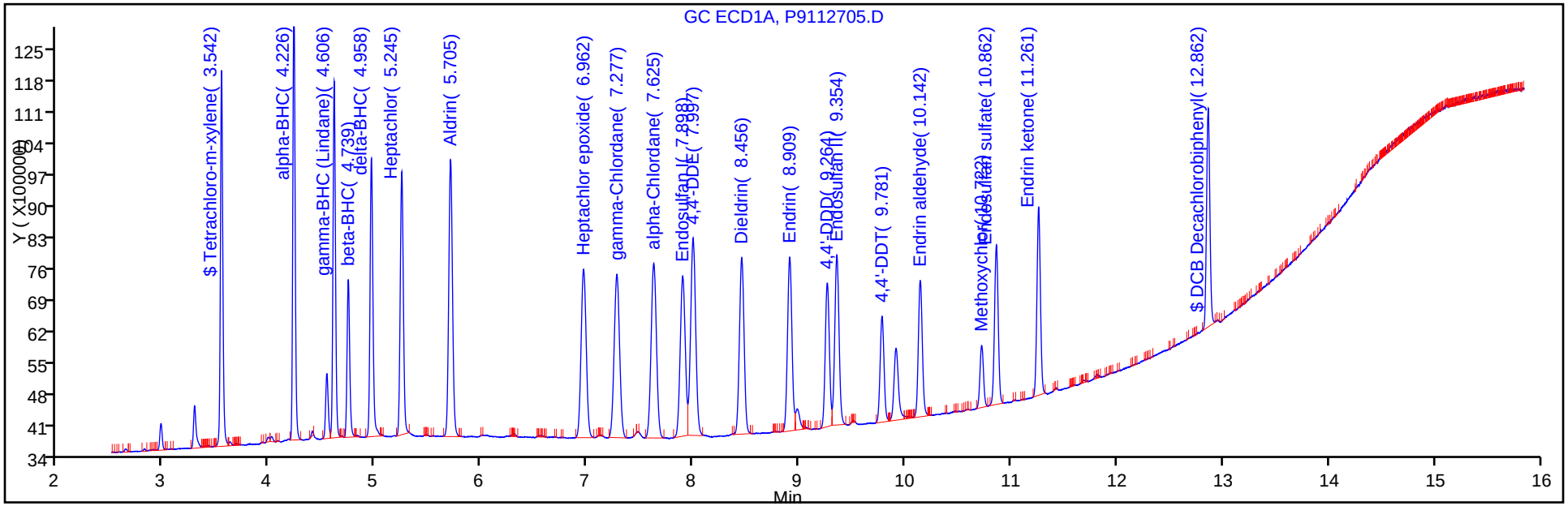
Report Date: 29-Nov-2012 09:55:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

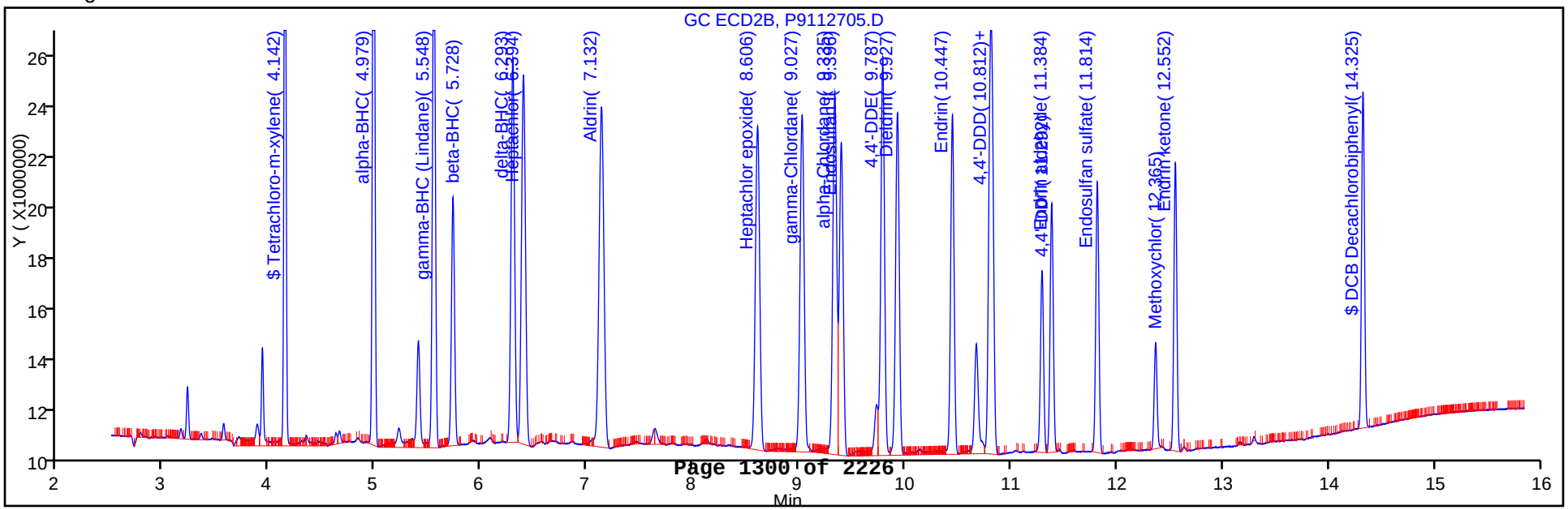
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112705.D

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			

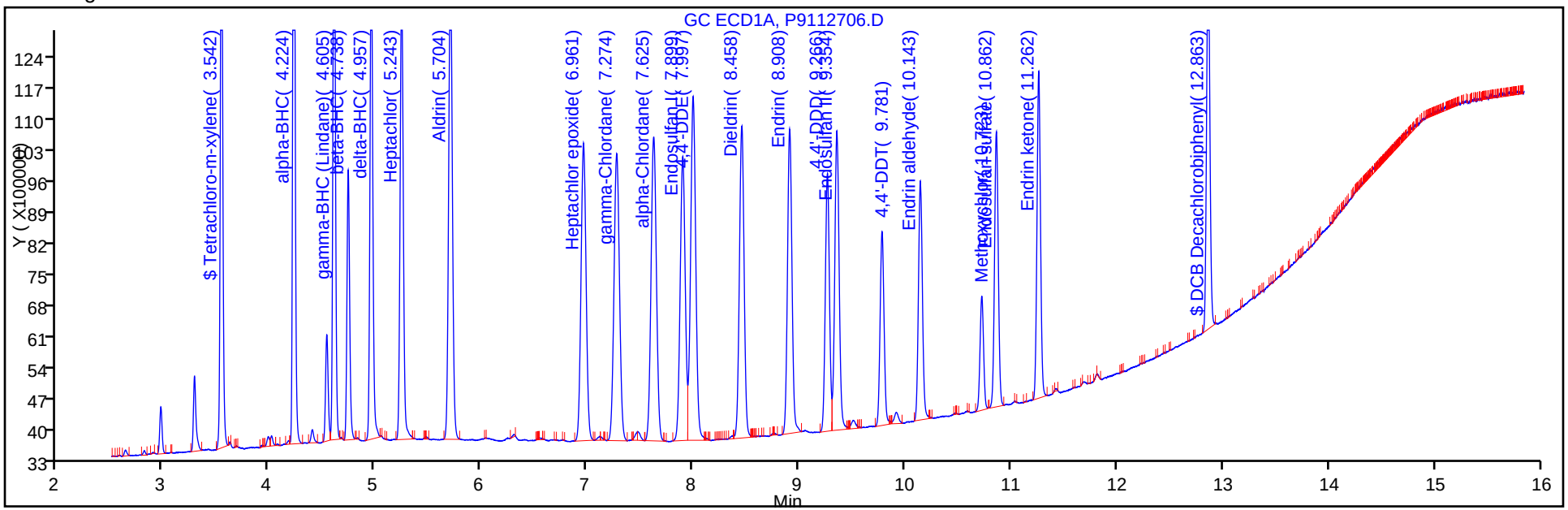
Report Date: 29-Nov-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

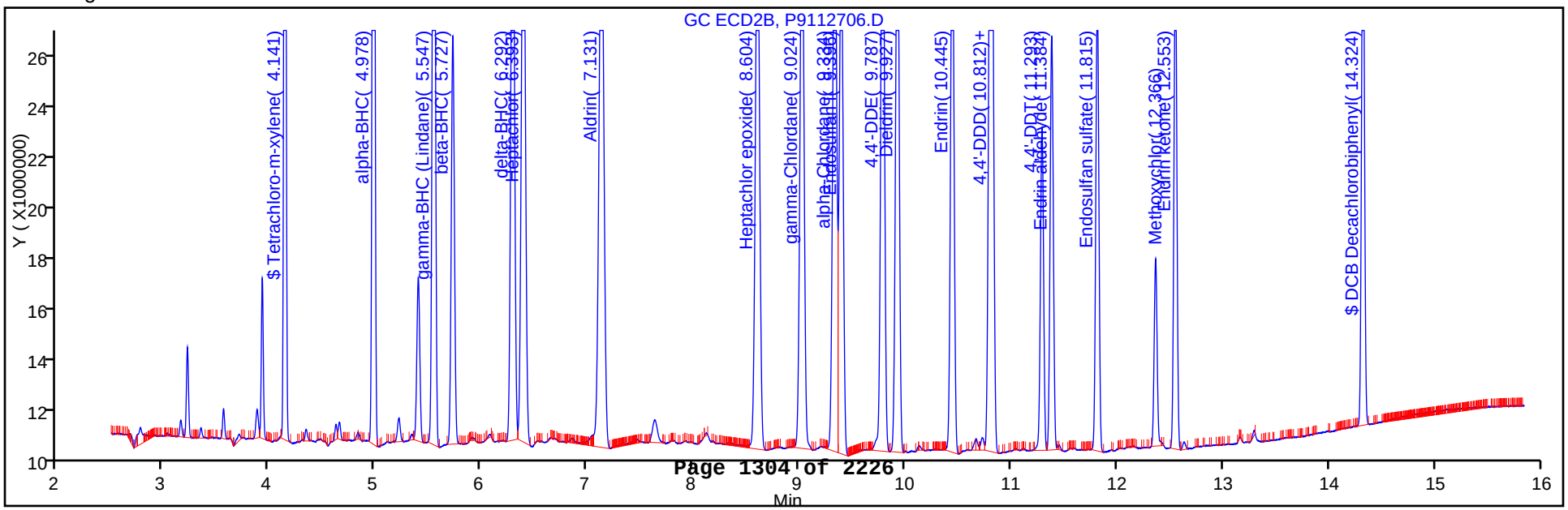
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Injection Date:	28-Nov-2012 04:19:44	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

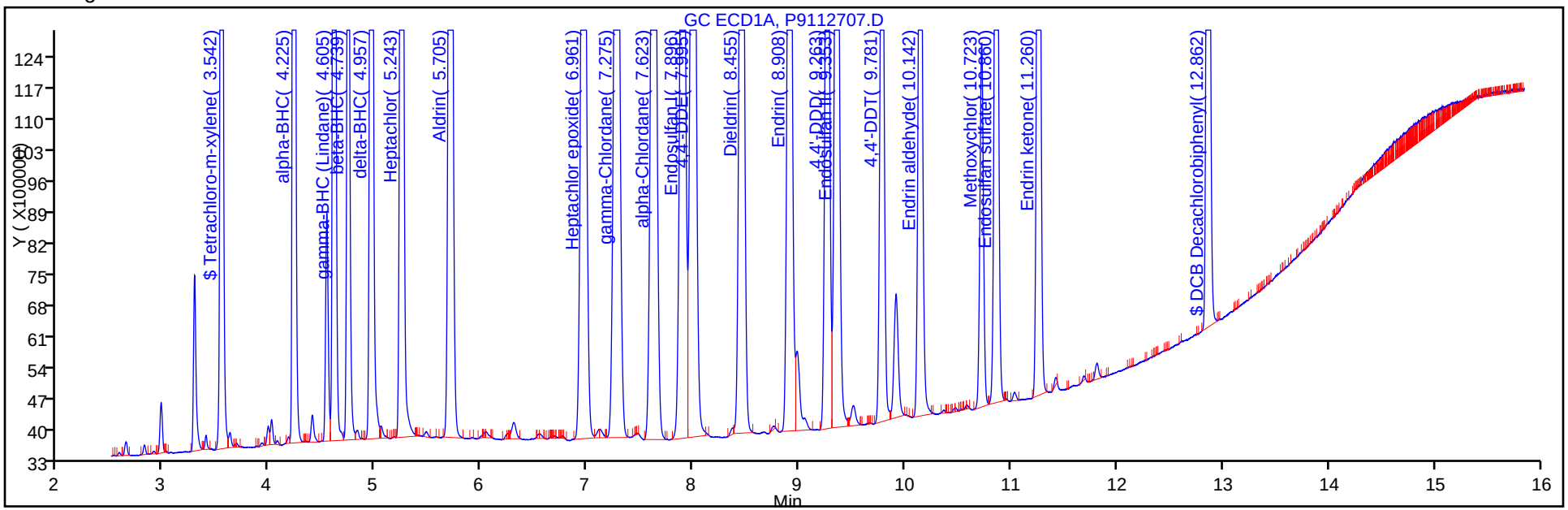
Report Date: 29-Nov-2012 09:55:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

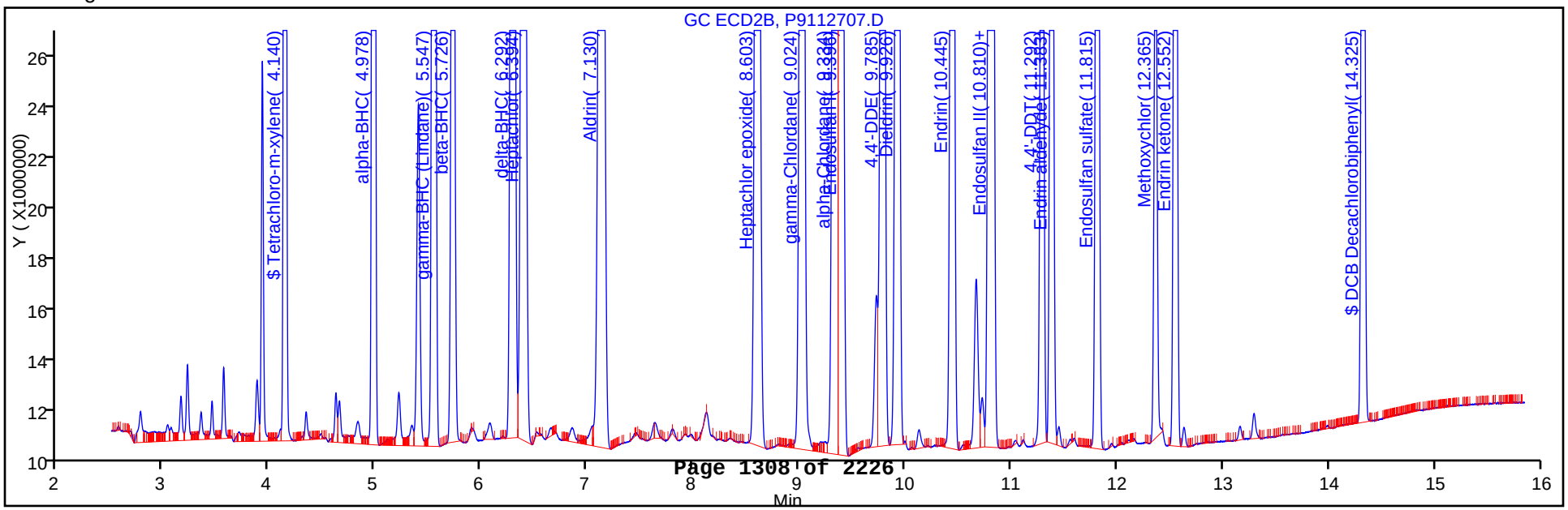
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112707.D

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			

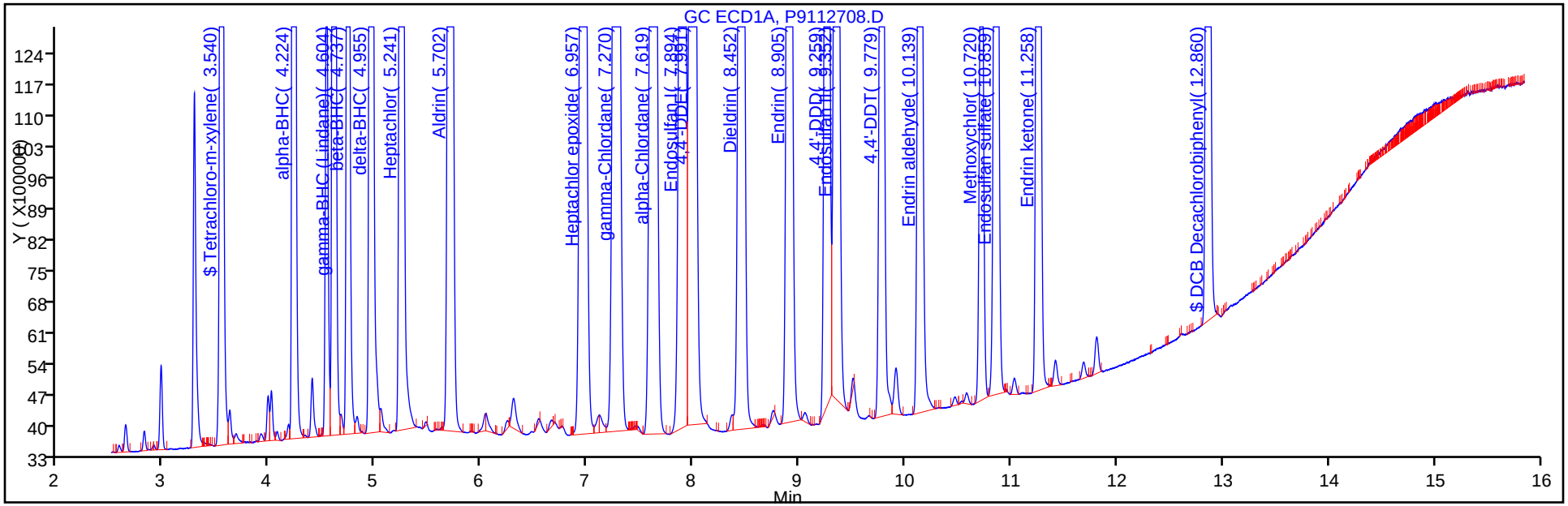
Report Date: 29-Nov-2012 09:55:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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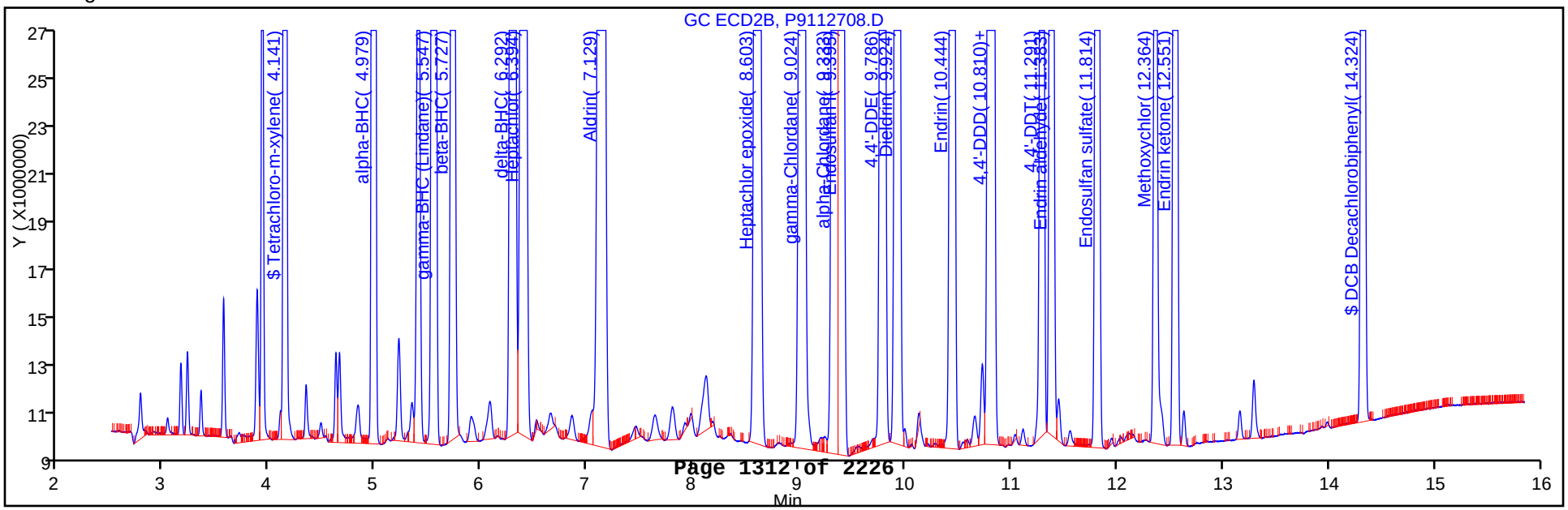
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112708.D

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			

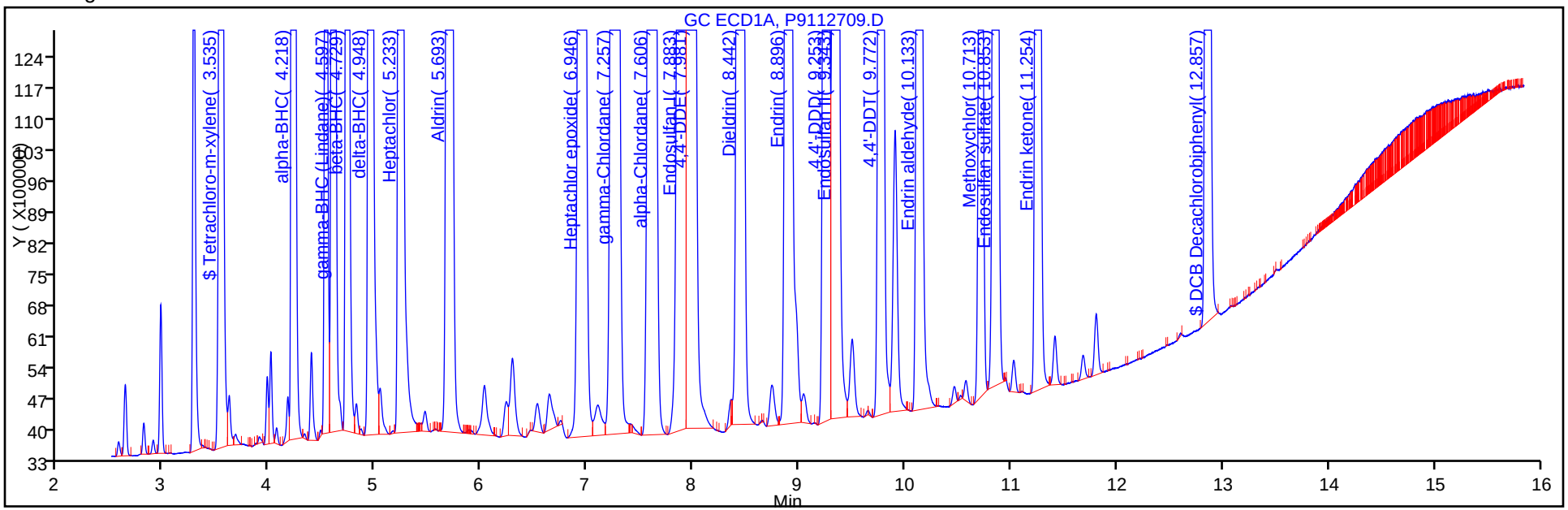
Report Date: 29-Nov-2012 09:55:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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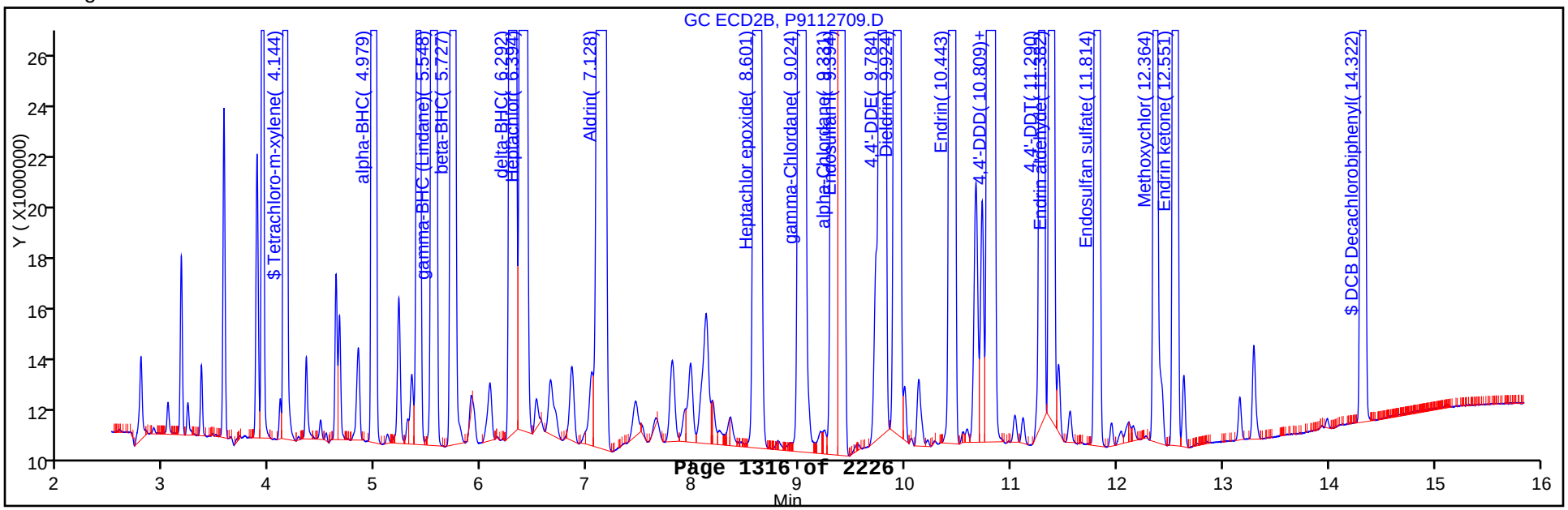
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112709.D

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			

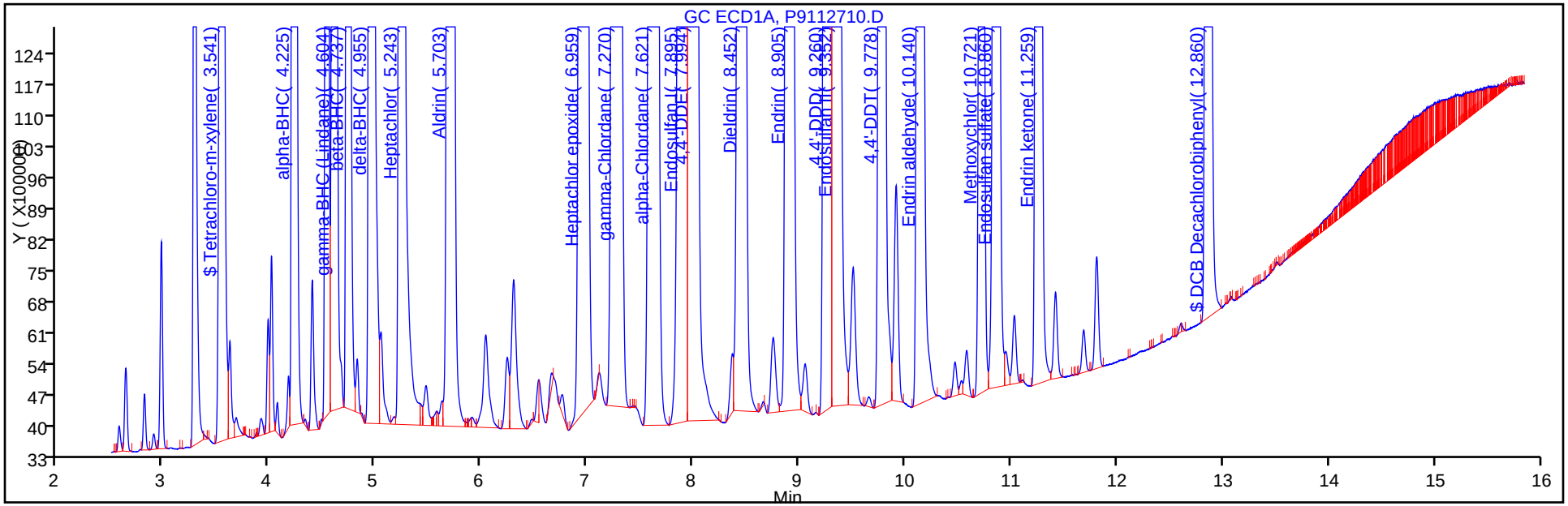
Report Date: 29-Nov-2012 09:55:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

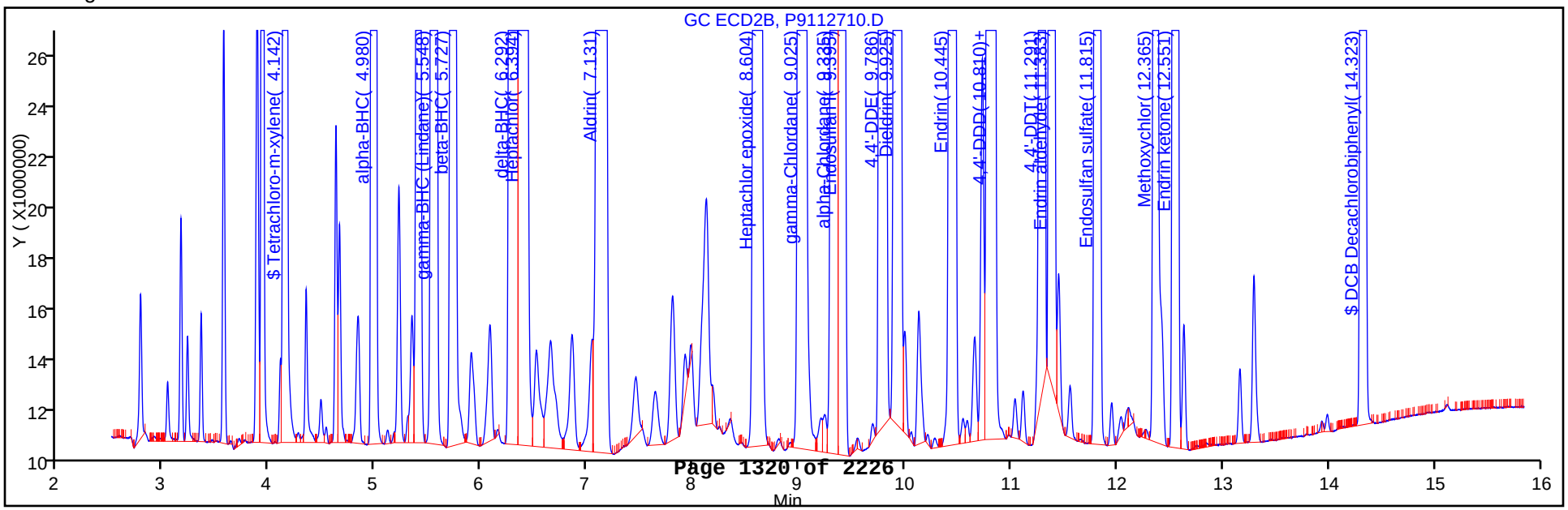
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112710.D

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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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

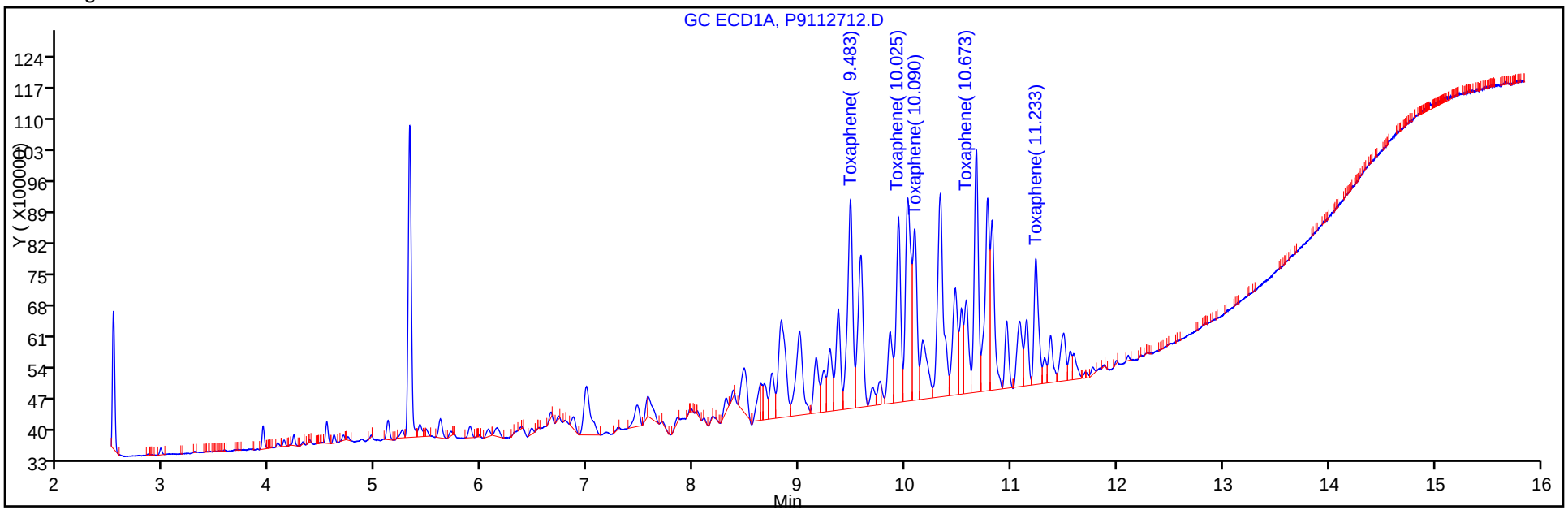
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

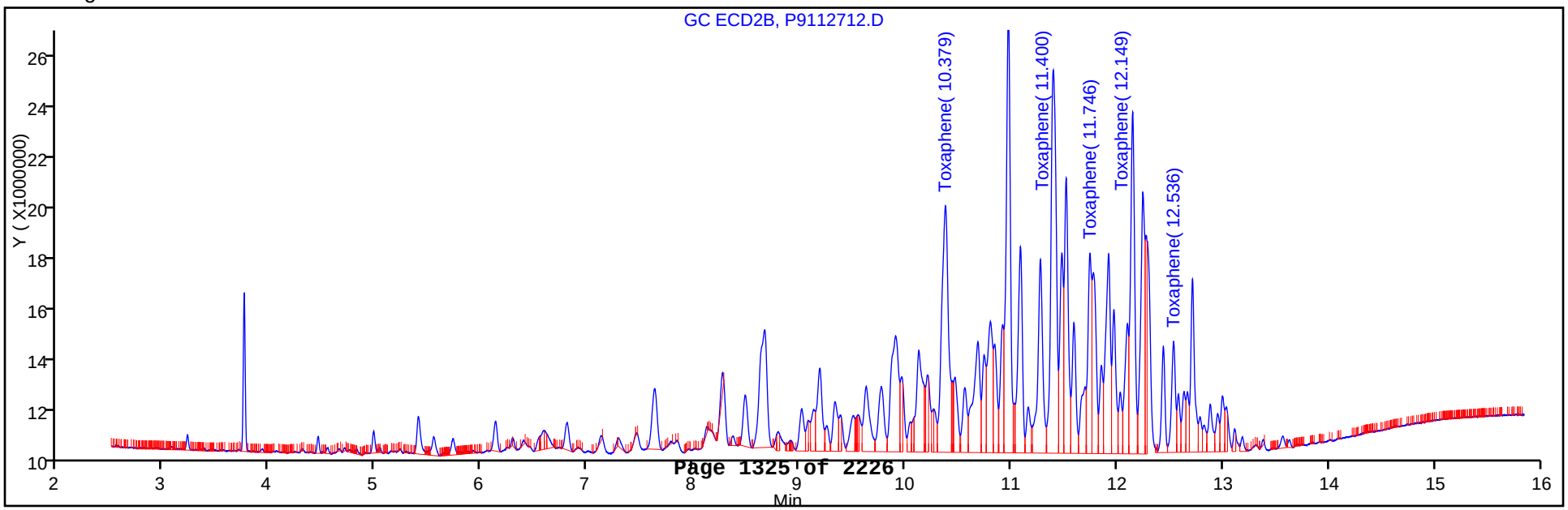
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

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



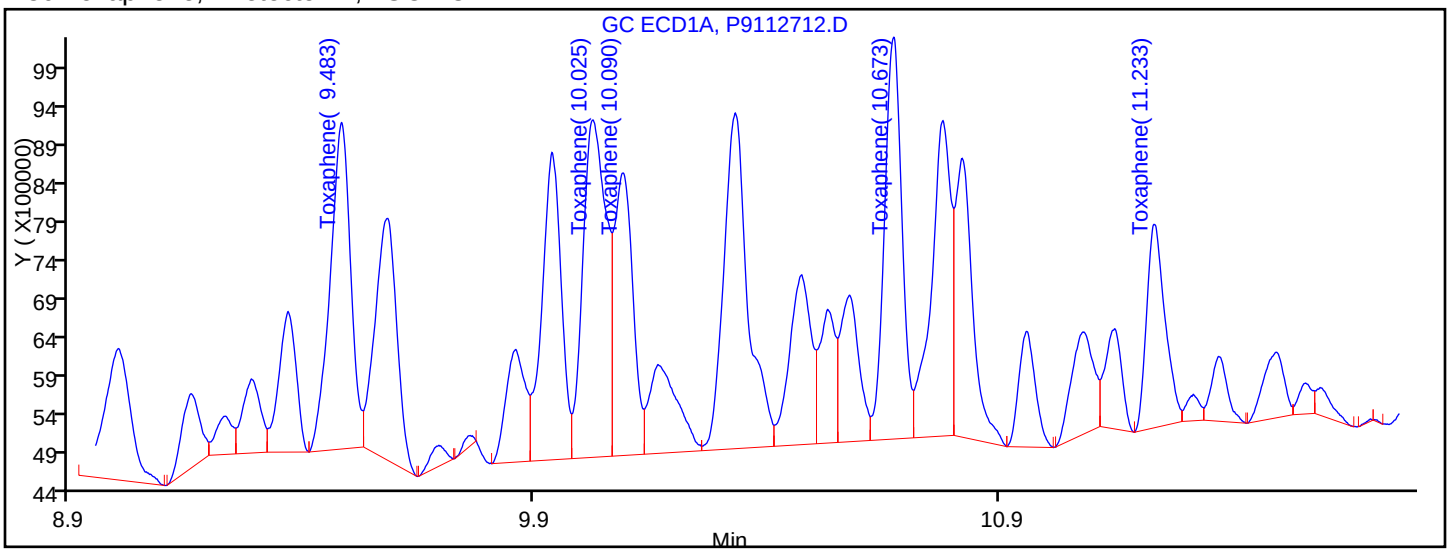
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

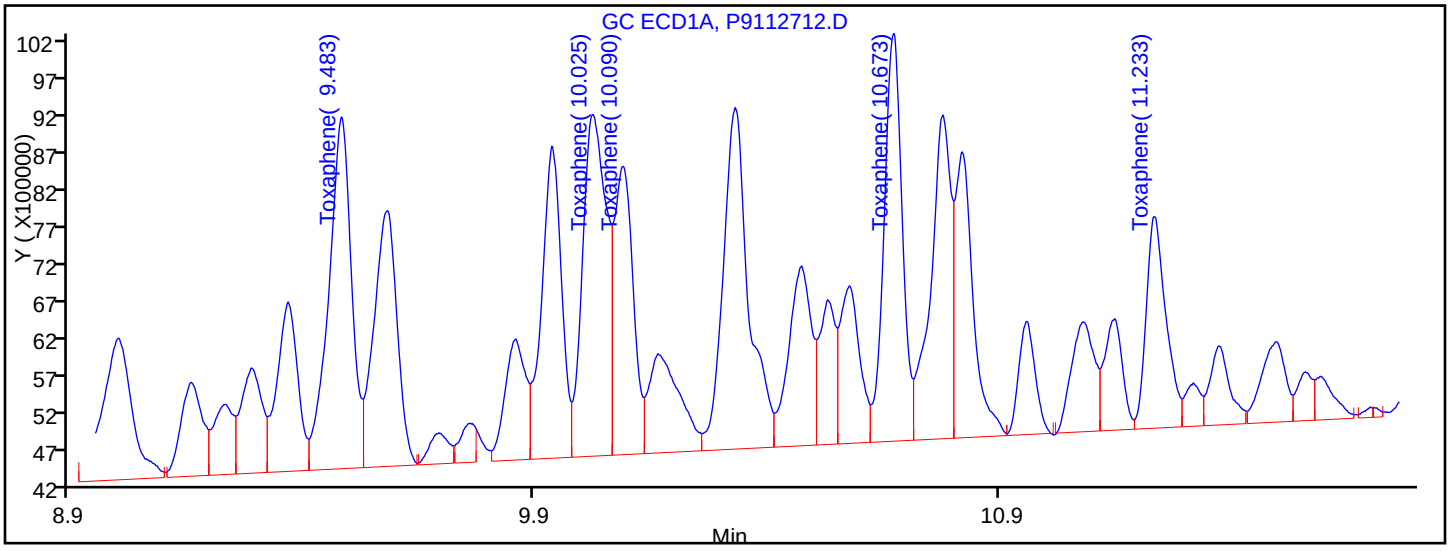
Injection Date:	28-Nov-2012 06:50:48	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

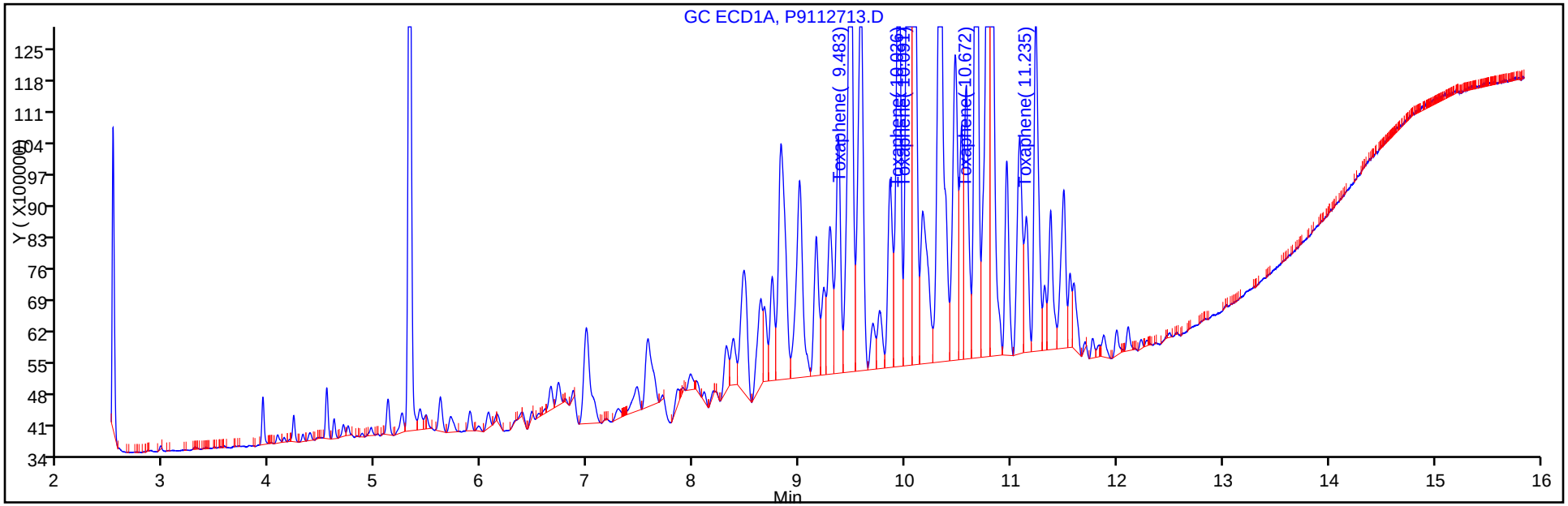
Report Date: 29-Nov-2012 09:55:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

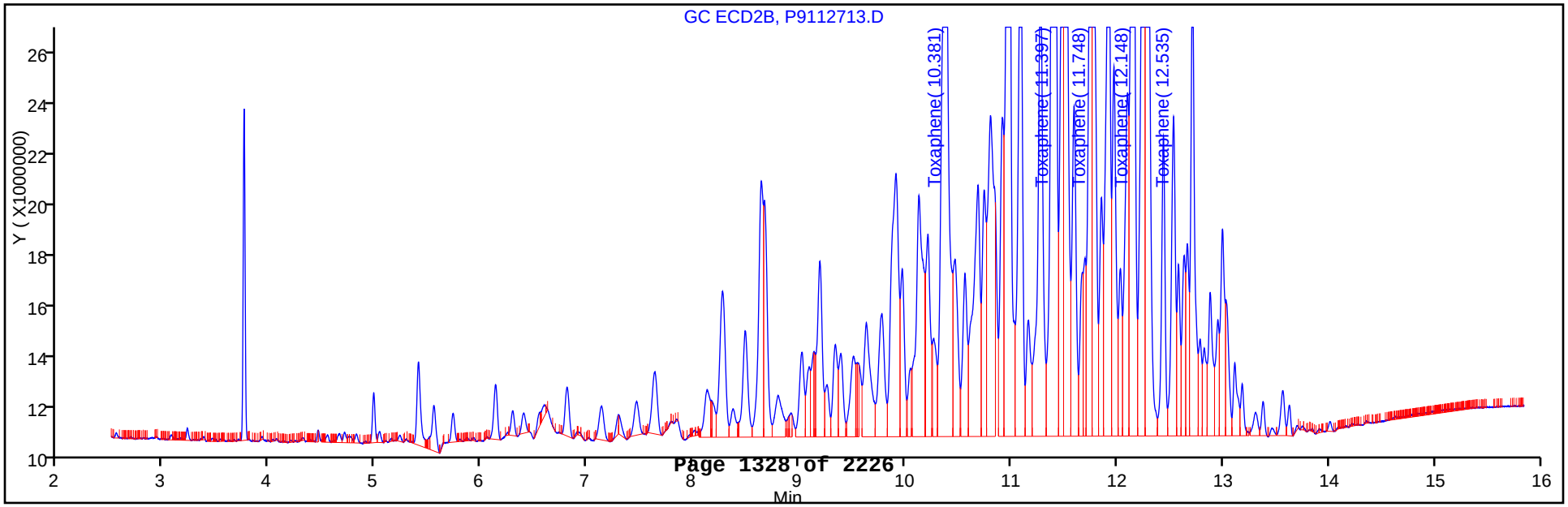
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D

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

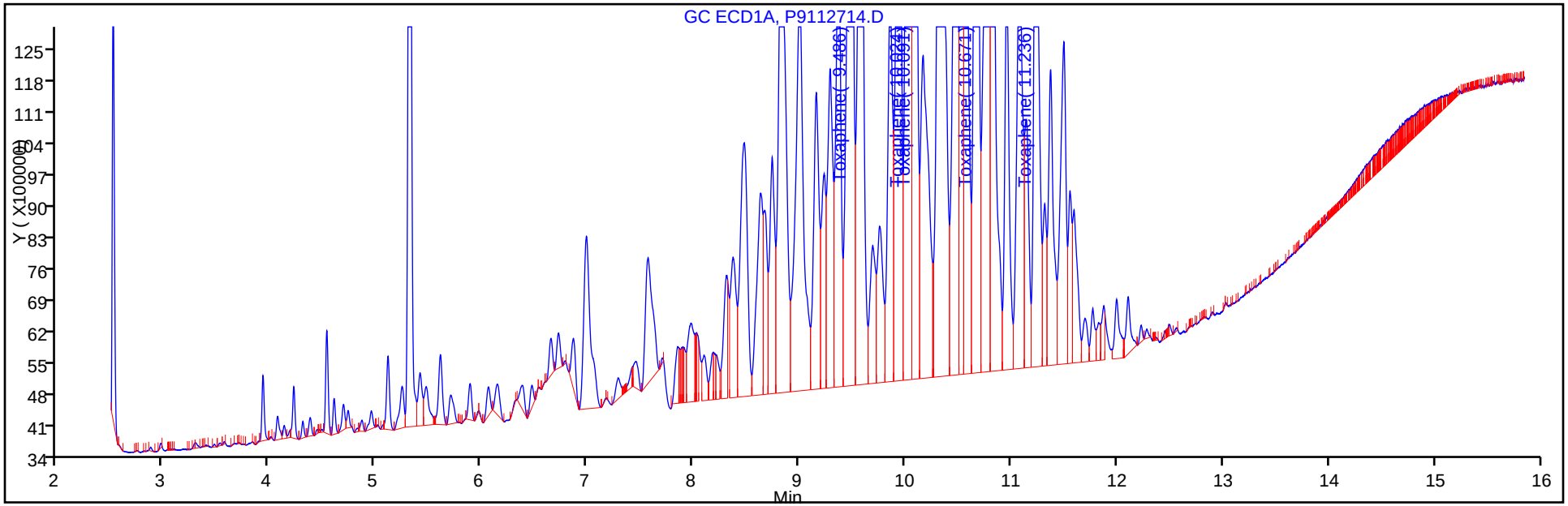
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

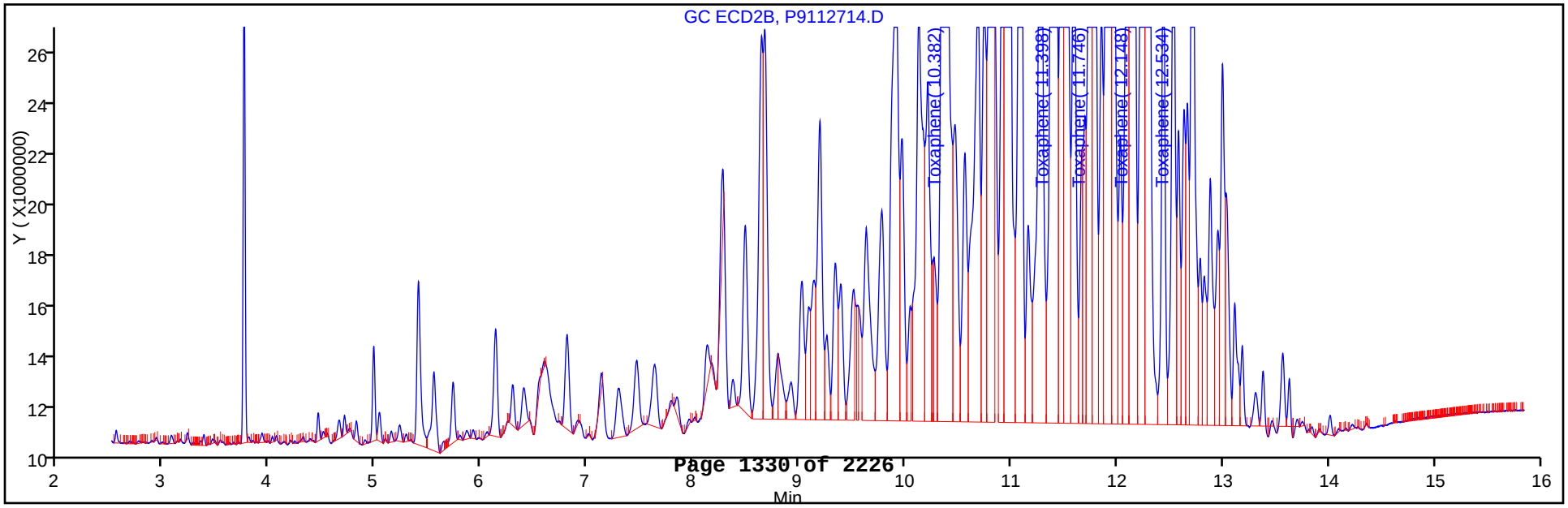
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

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



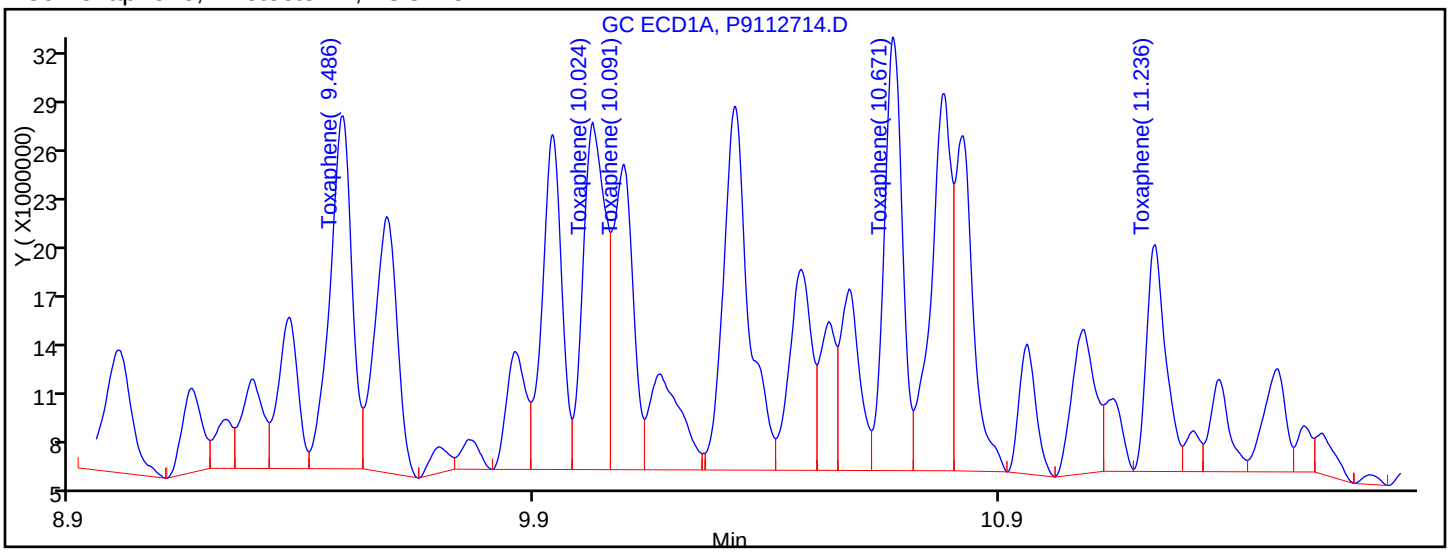
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

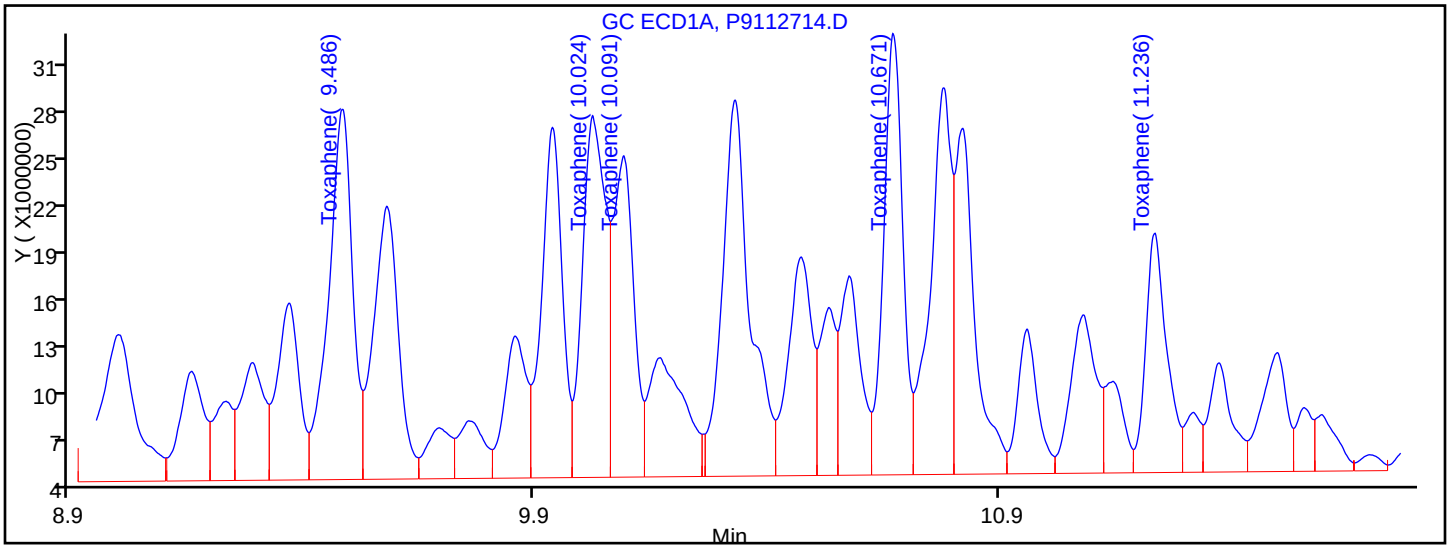
Injection Date:	28-Nov-2012 07:46:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

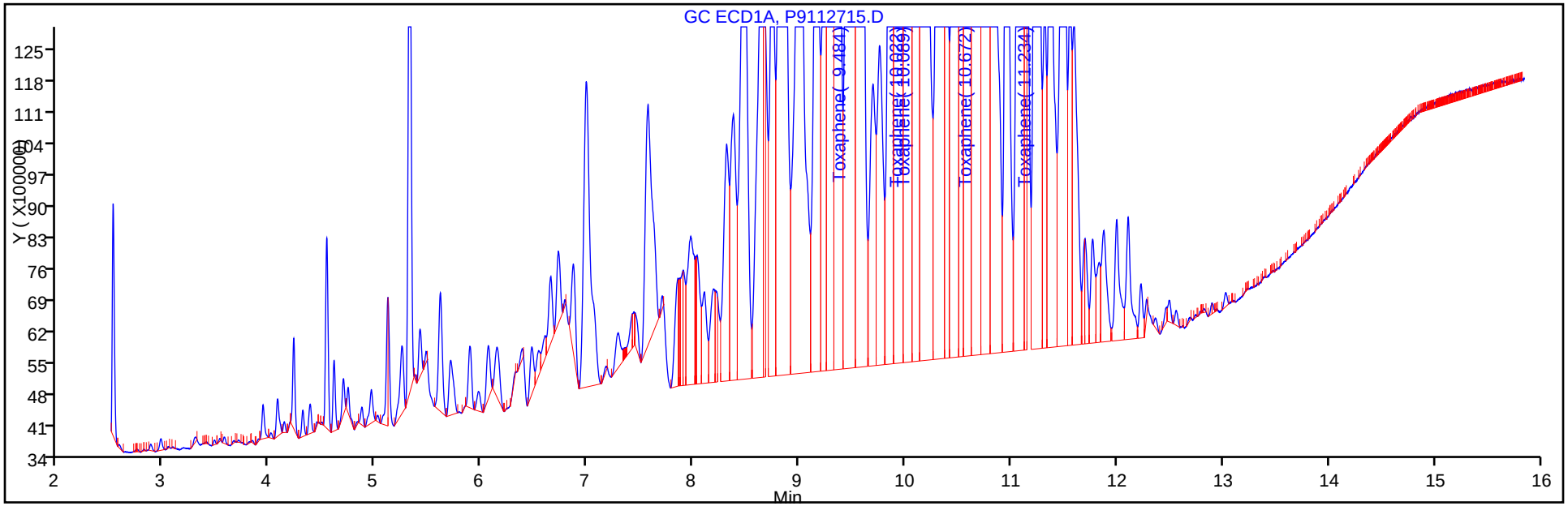
Report Date: 29-Nov-2012 09:55:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

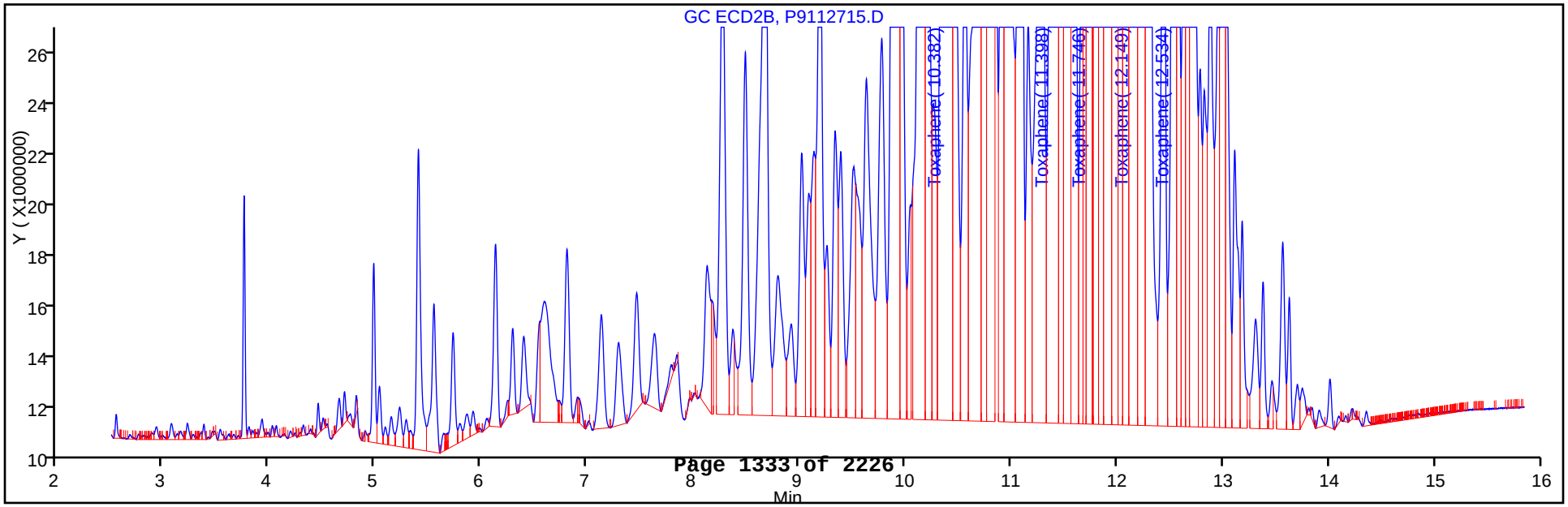
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

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



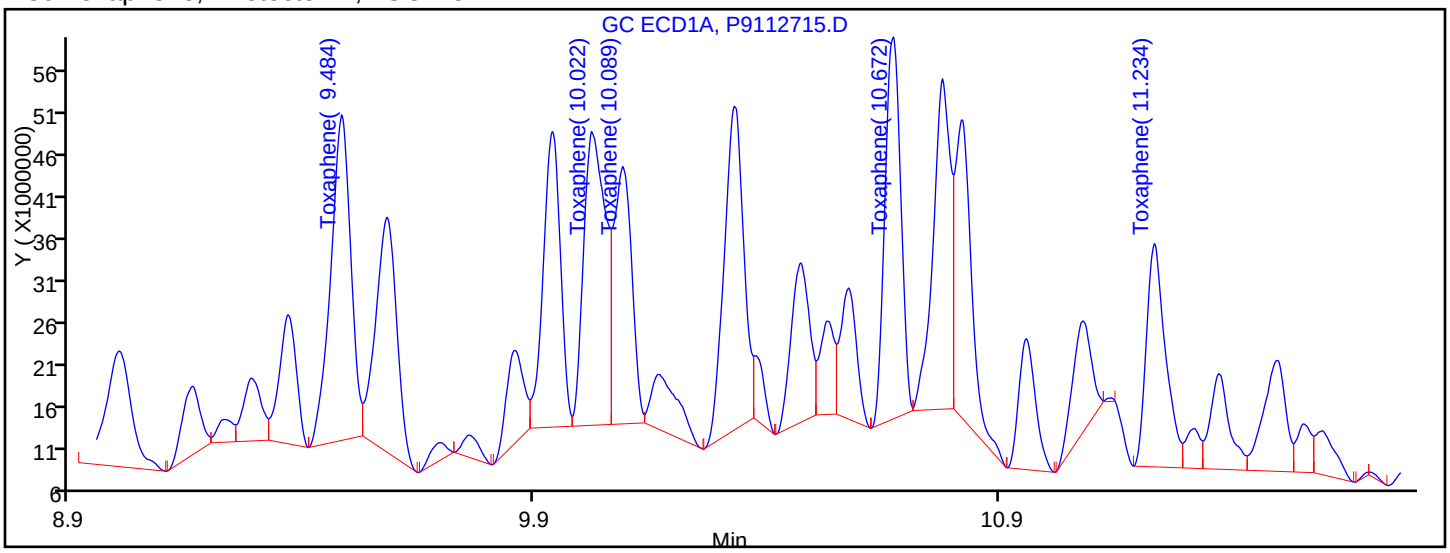
Report Date: 29-Nov-2012 09:55:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

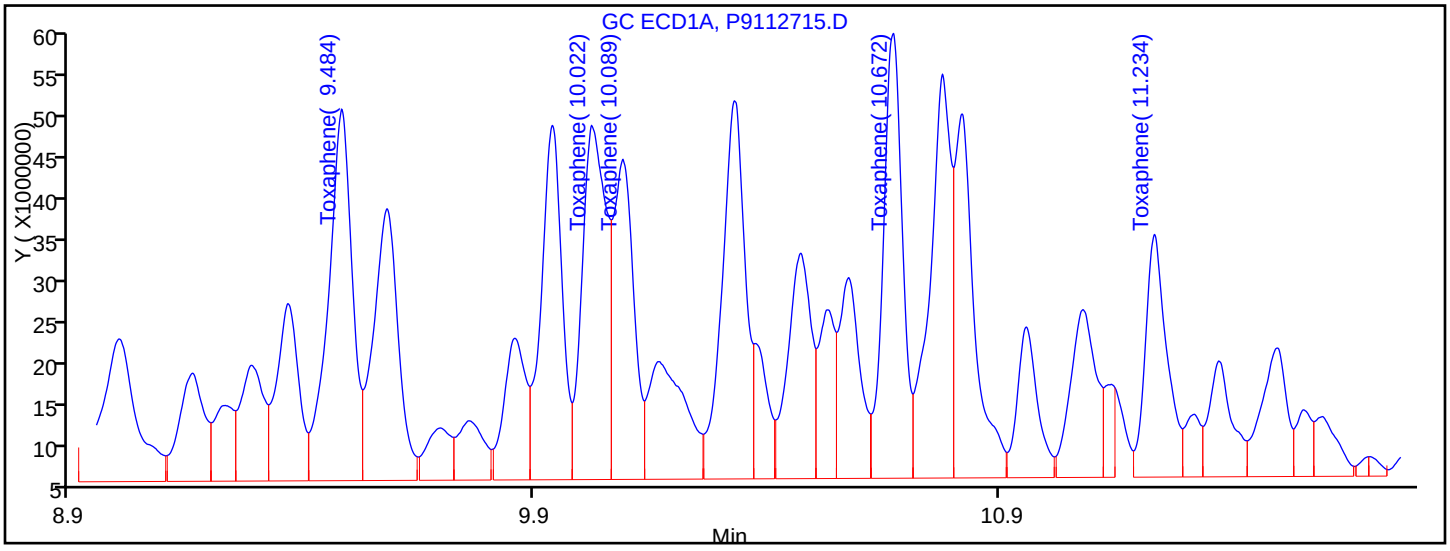
Injection Date:	28-Nov-2012 08:14:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

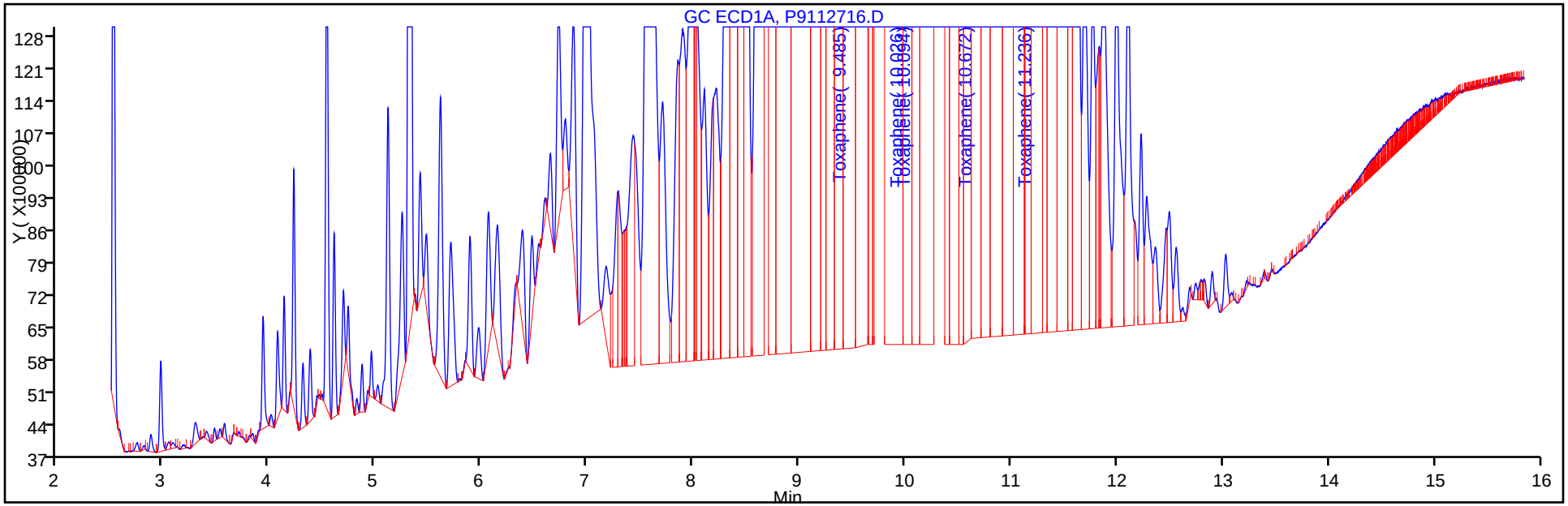
Report Date: 29-Nov-2012 09:55:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

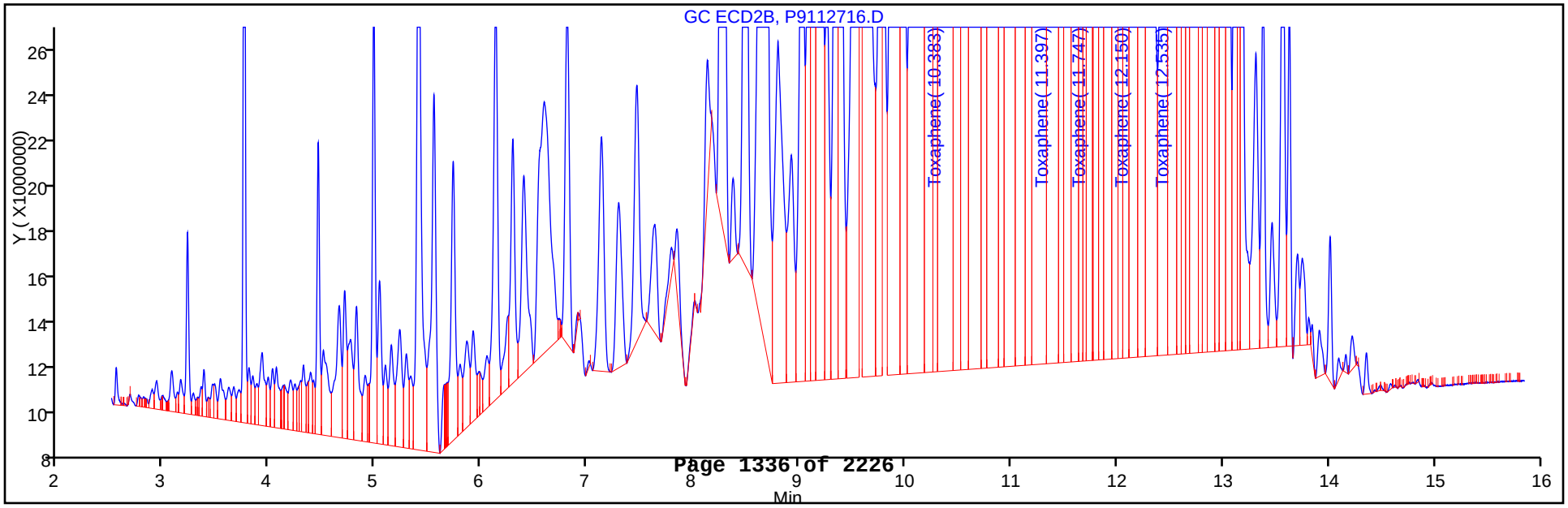
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

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



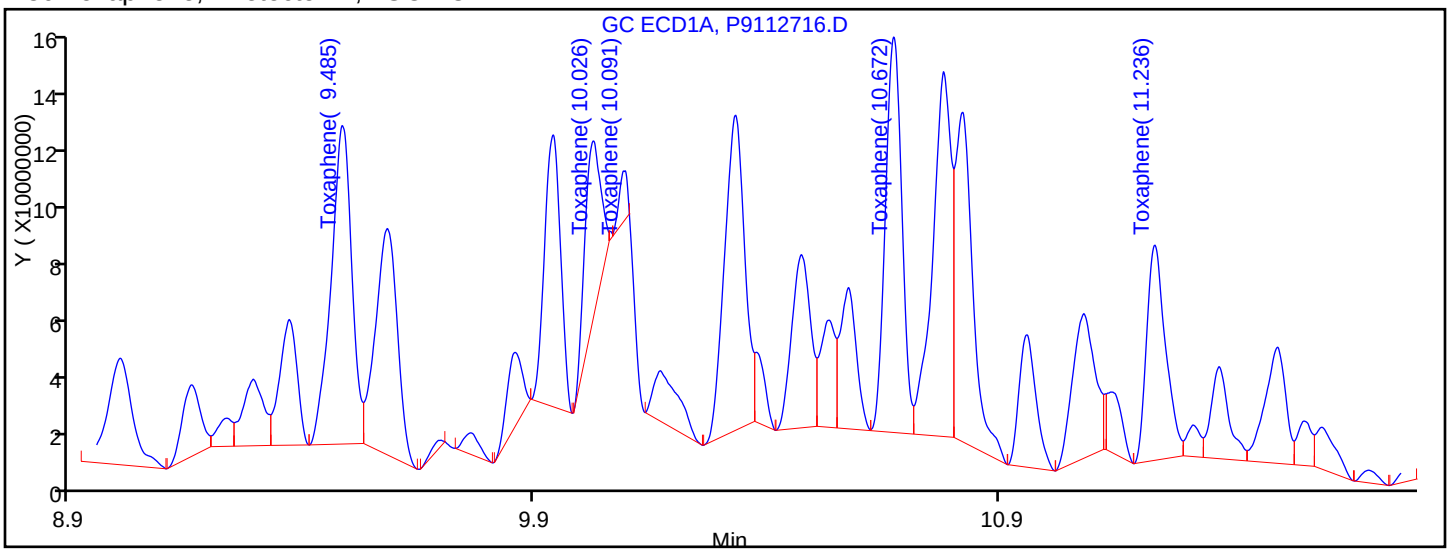
Report Date: 29-Nov-2012 09:55:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

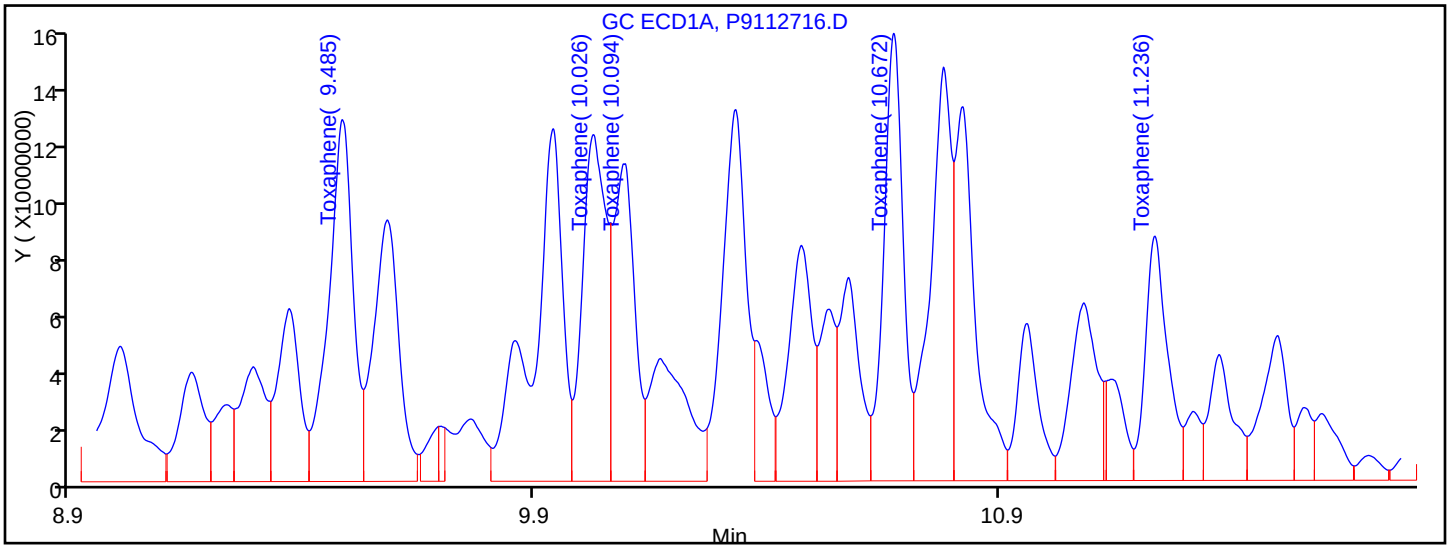
Injection Date:	28-Nov-2012 08:42:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1 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.: 240-17467-1 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.: 240-17467-1 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

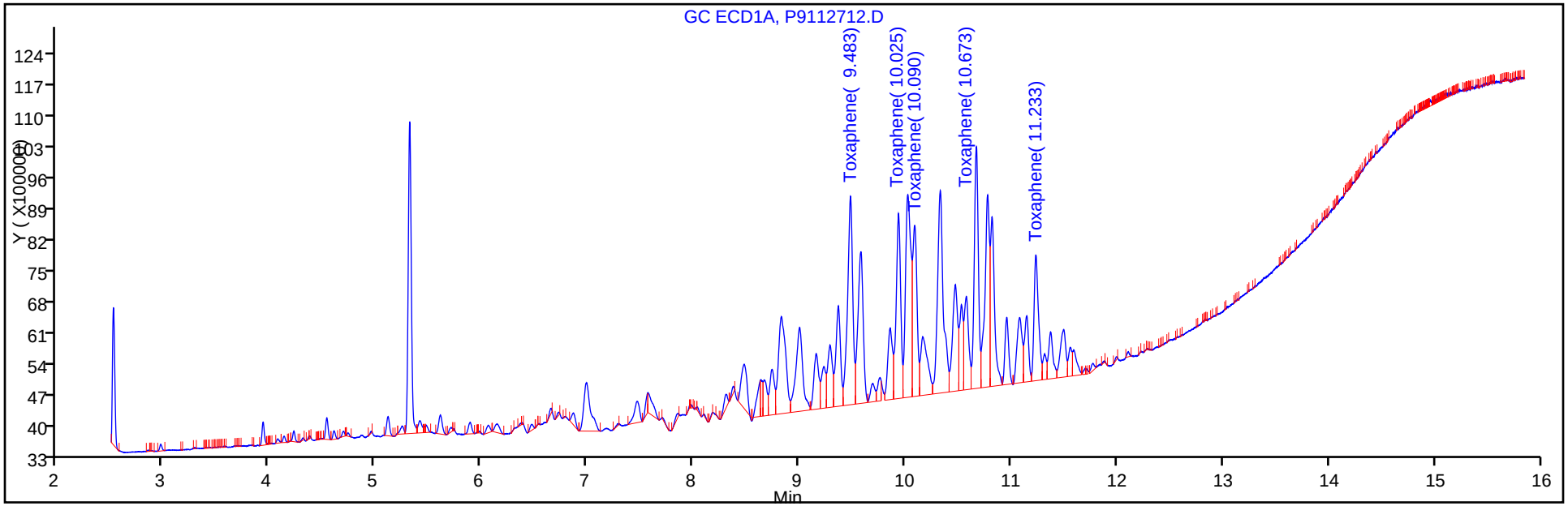
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

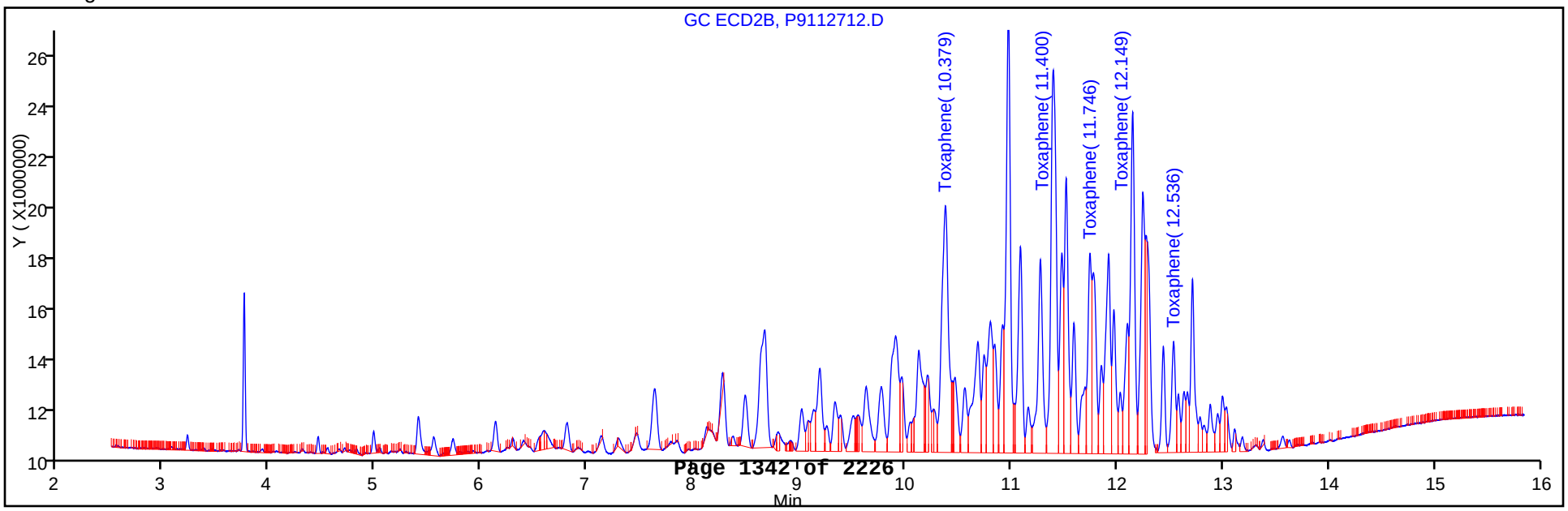
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

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



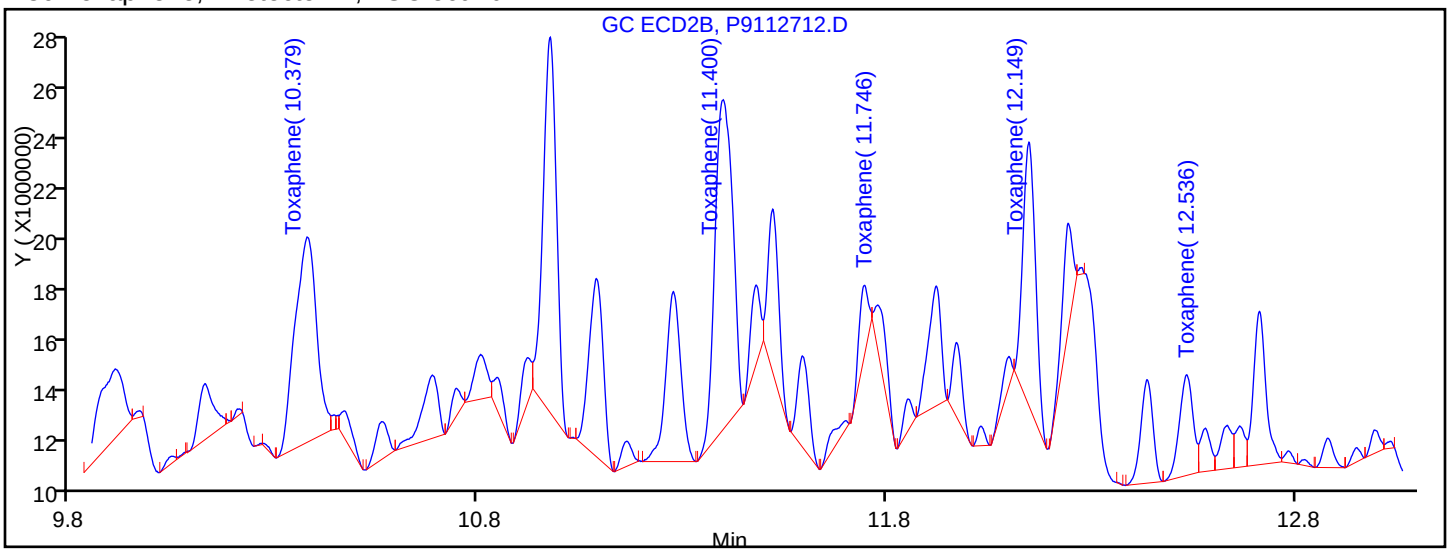
Report Date: 29-Nov-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112712.D

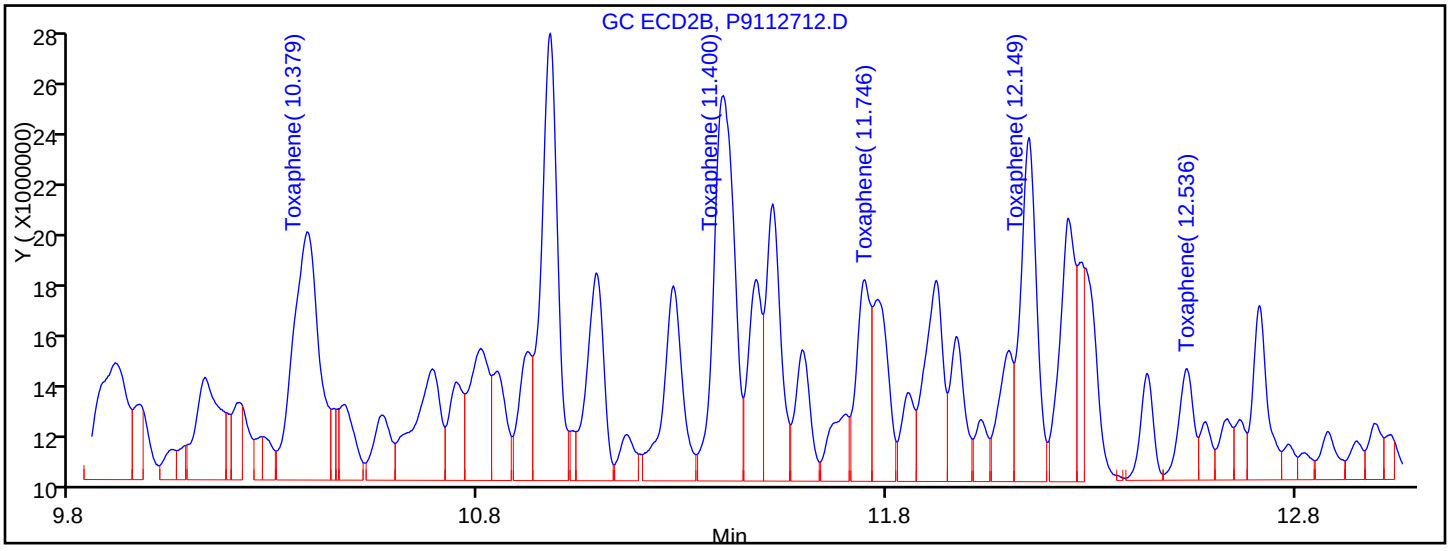
Injection Date:	28-Nov-2012 06:50:48	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

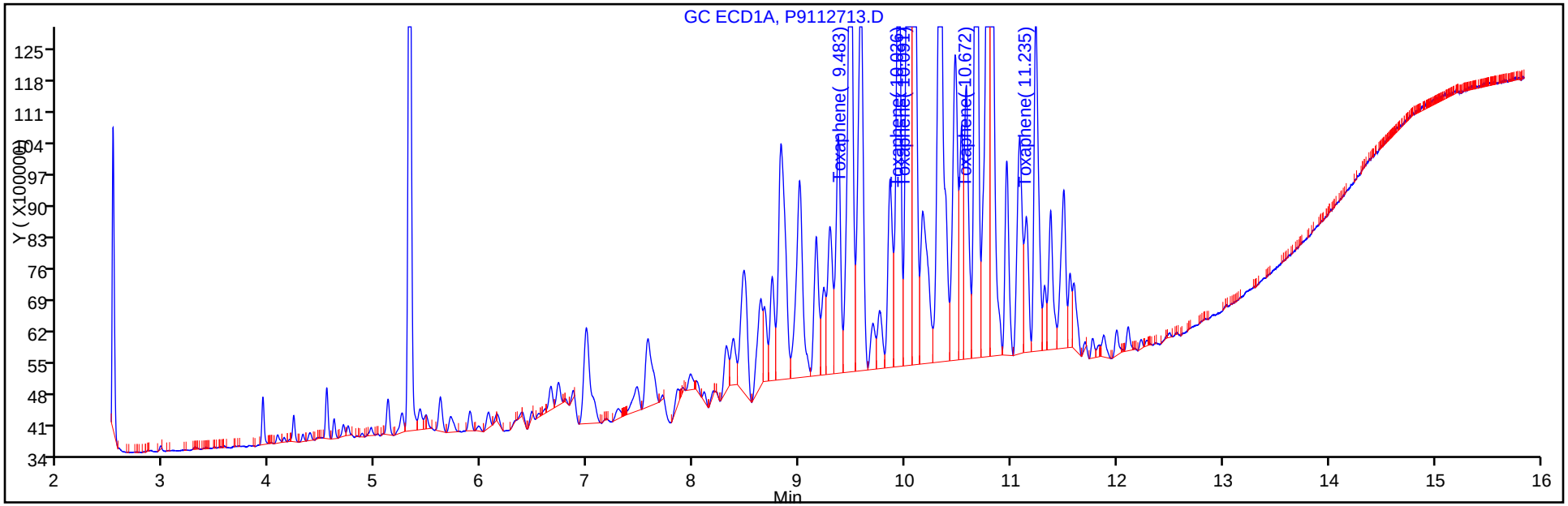
Report Date: 29-Nov-2012 09:55:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

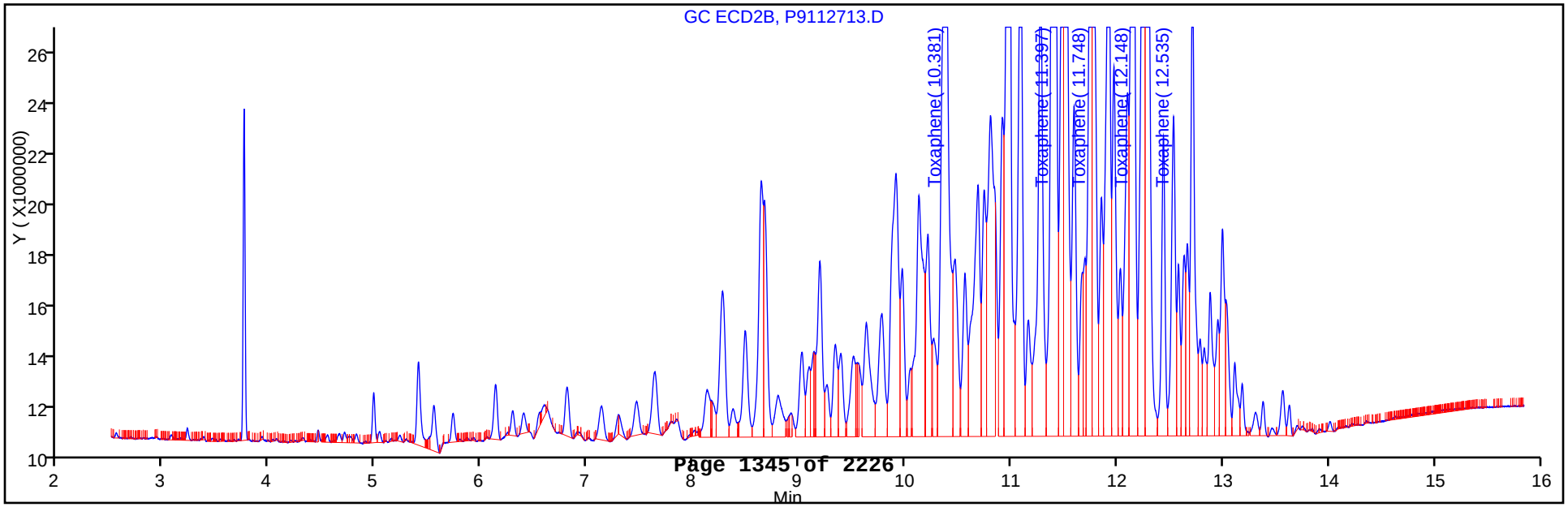
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D

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



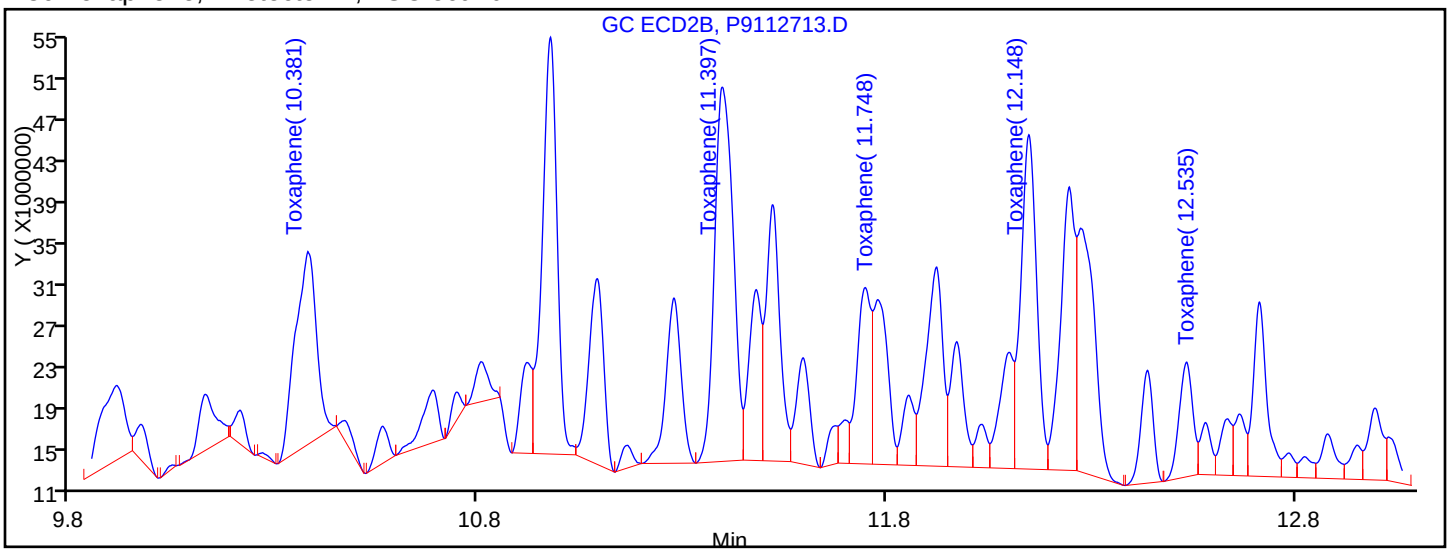
Report Date: 29-Nov-2012 09:55:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112713.D

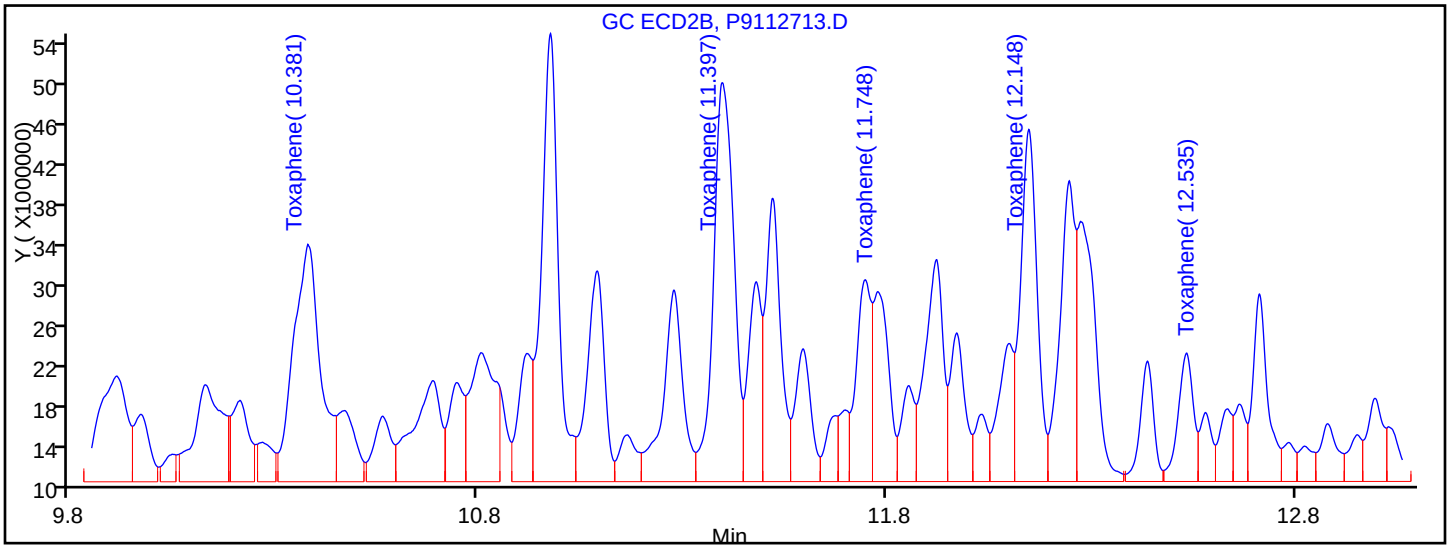
Injection Date:	28-Nov-2012 07:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

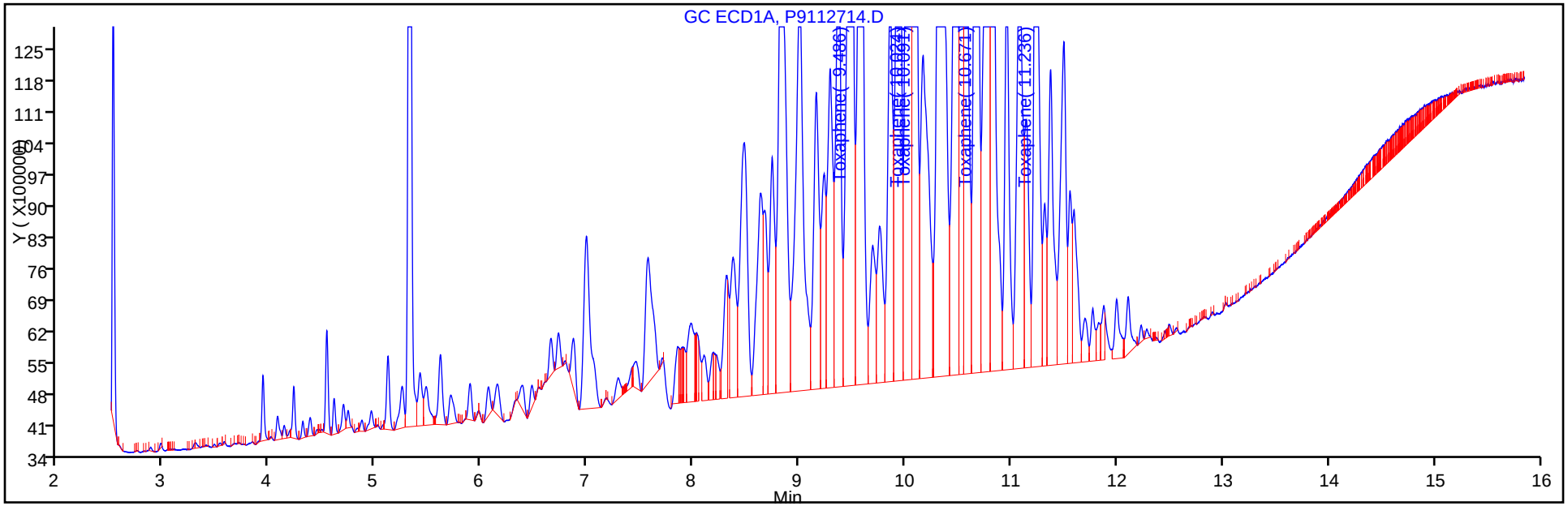
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

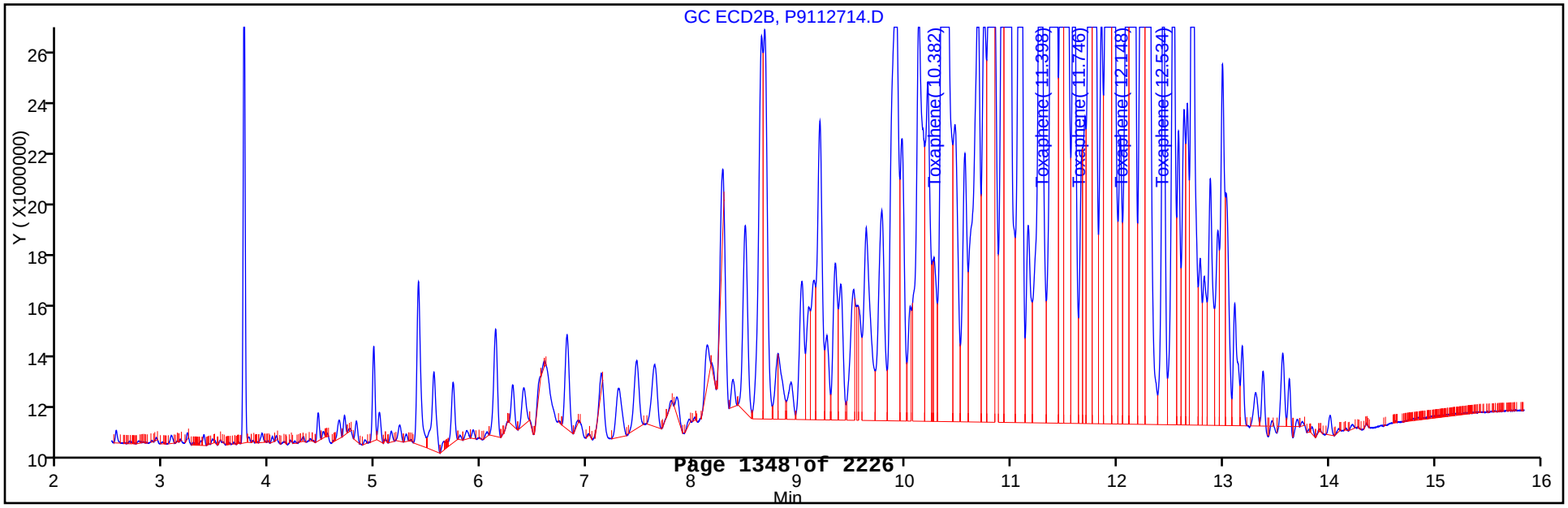
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

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



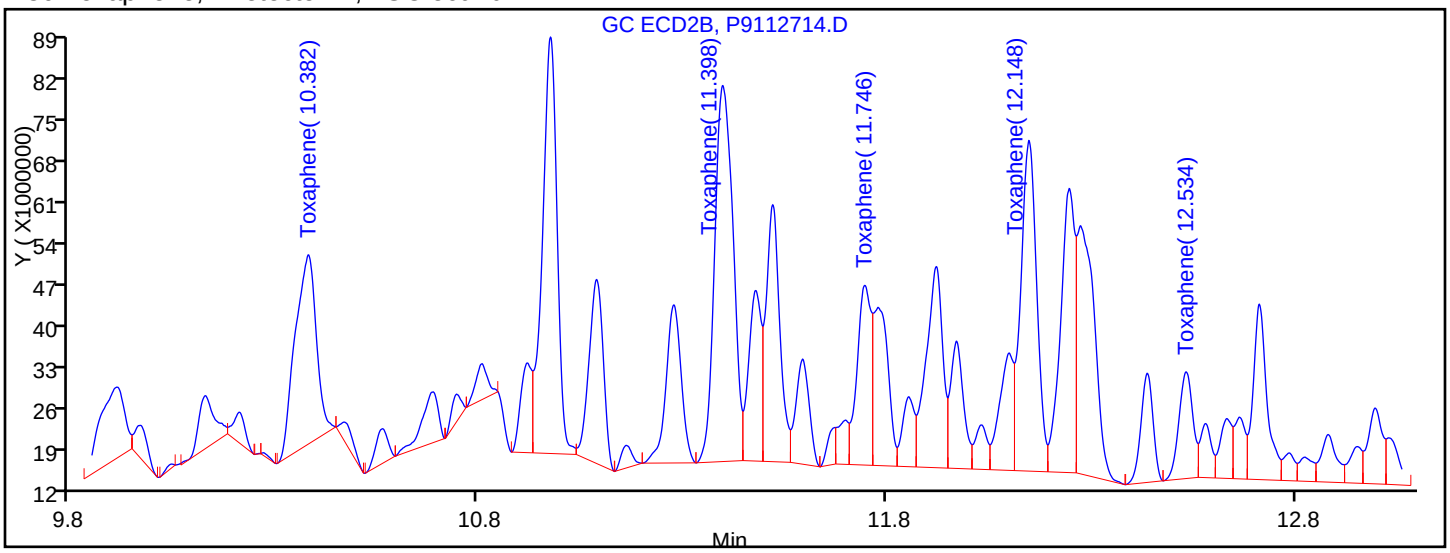
Report Date: 29-Nov-2012 09:55:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112714.D

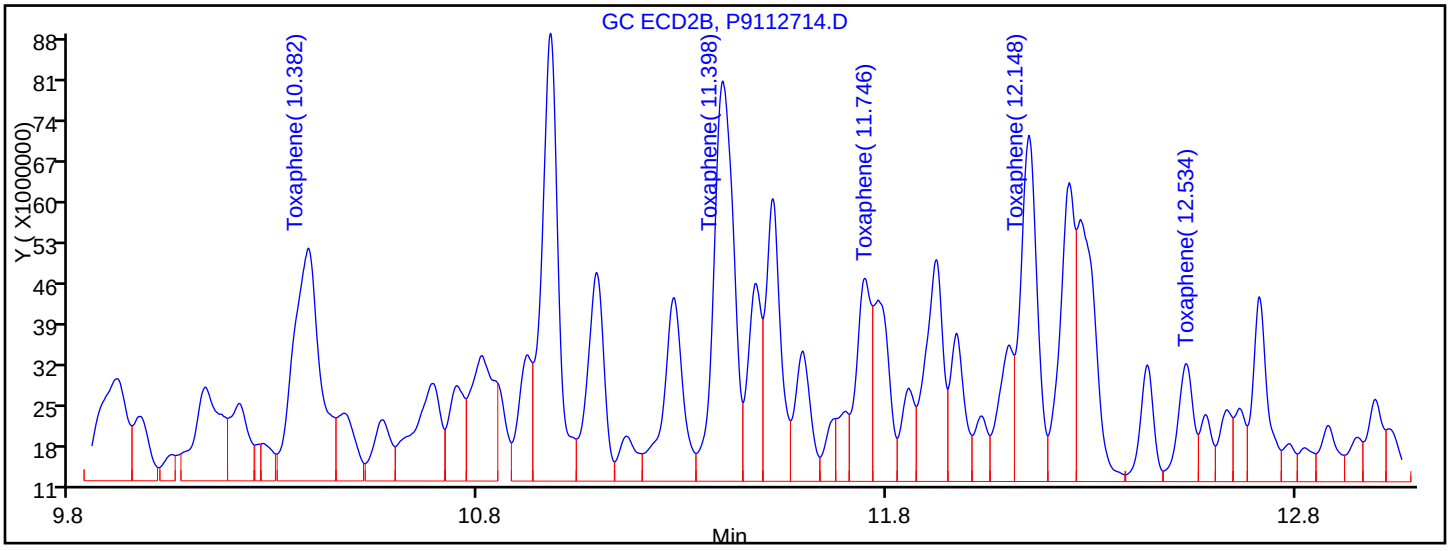
Injection Date:	28-Nov-2012 07:46:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

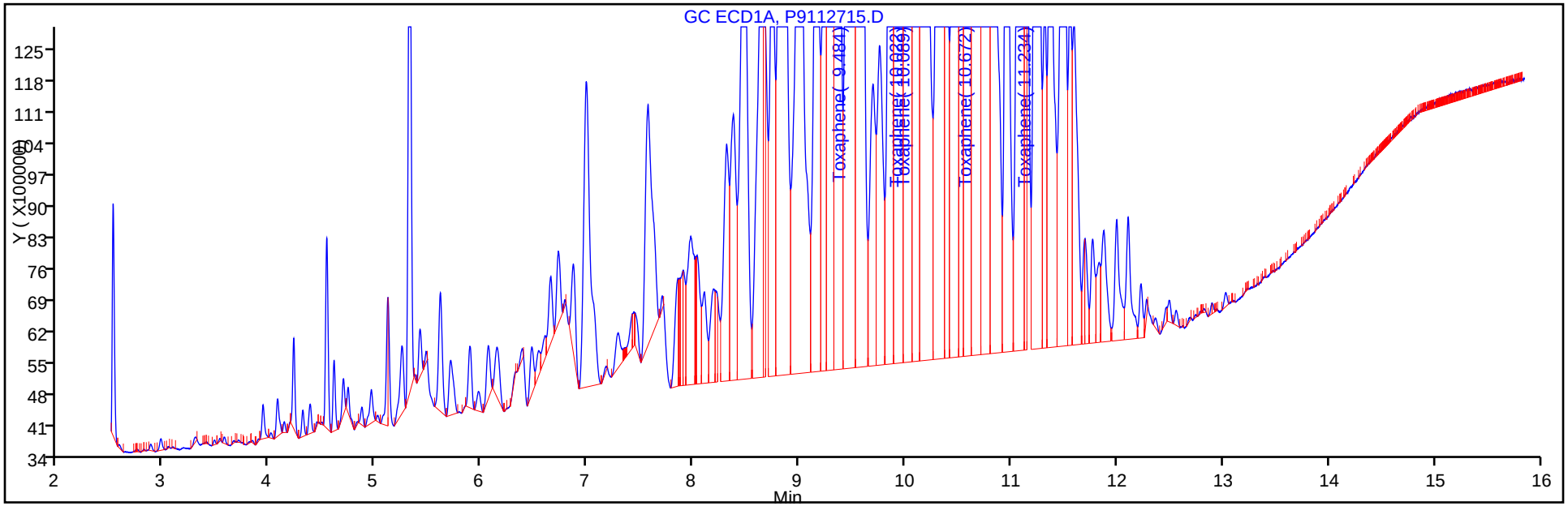
Report Date: 29-Nov-2012 09:55:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

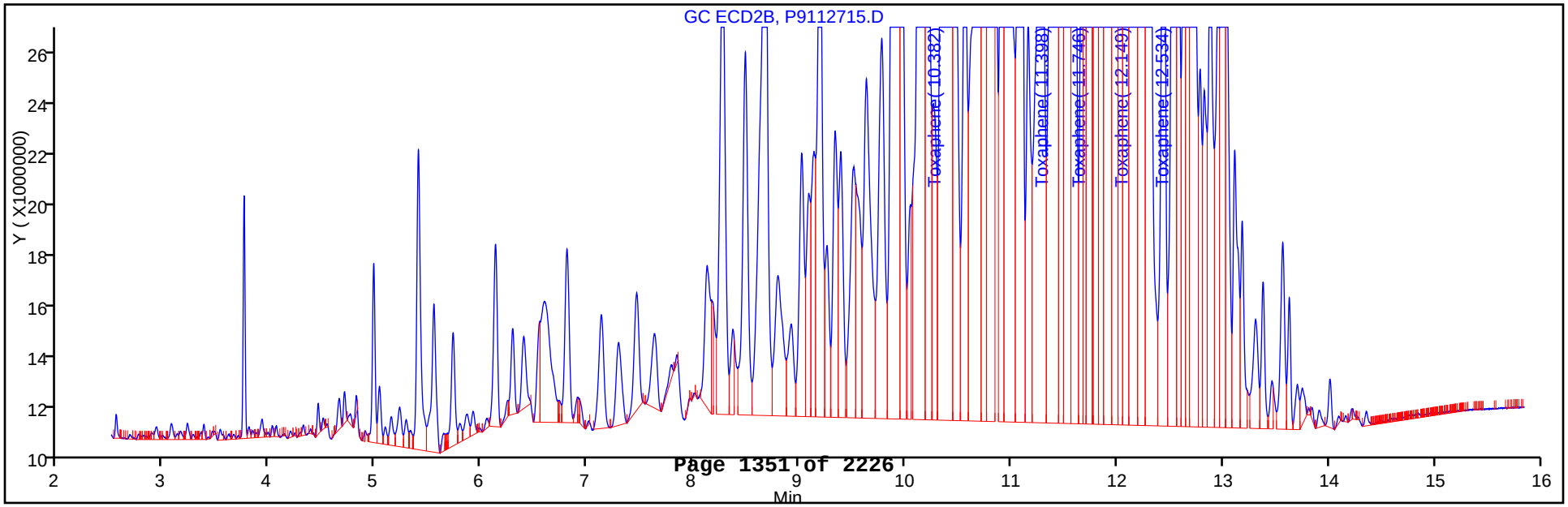
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

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



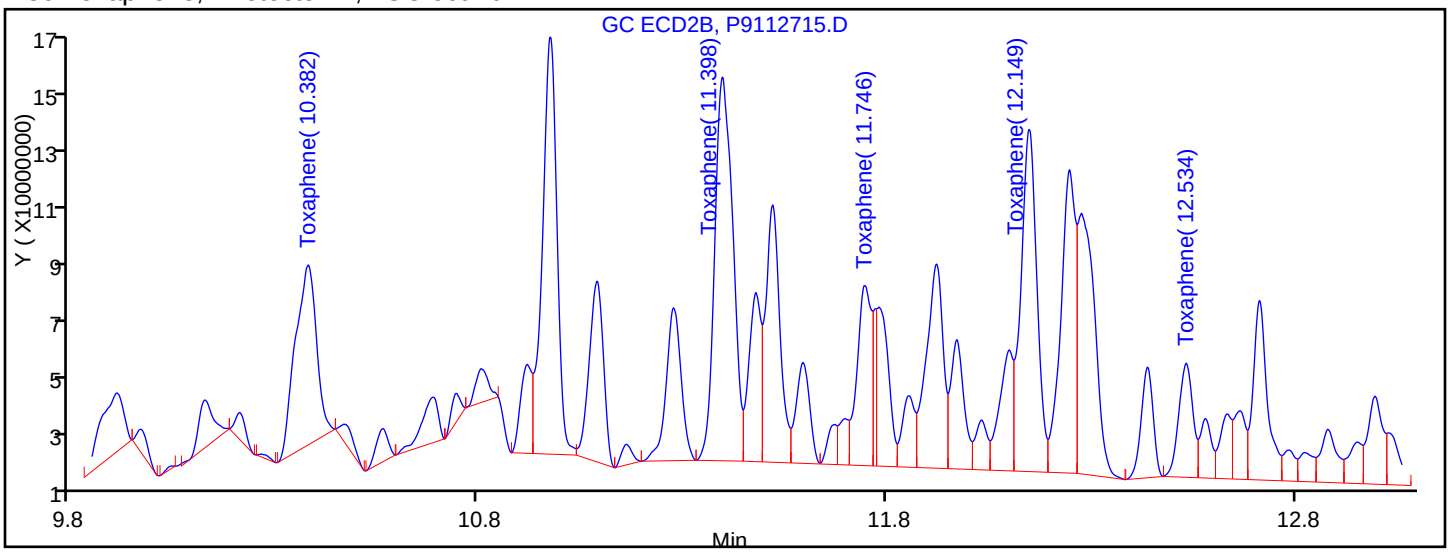
Report Date: 29-Nov-2012 09:55:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112715.D

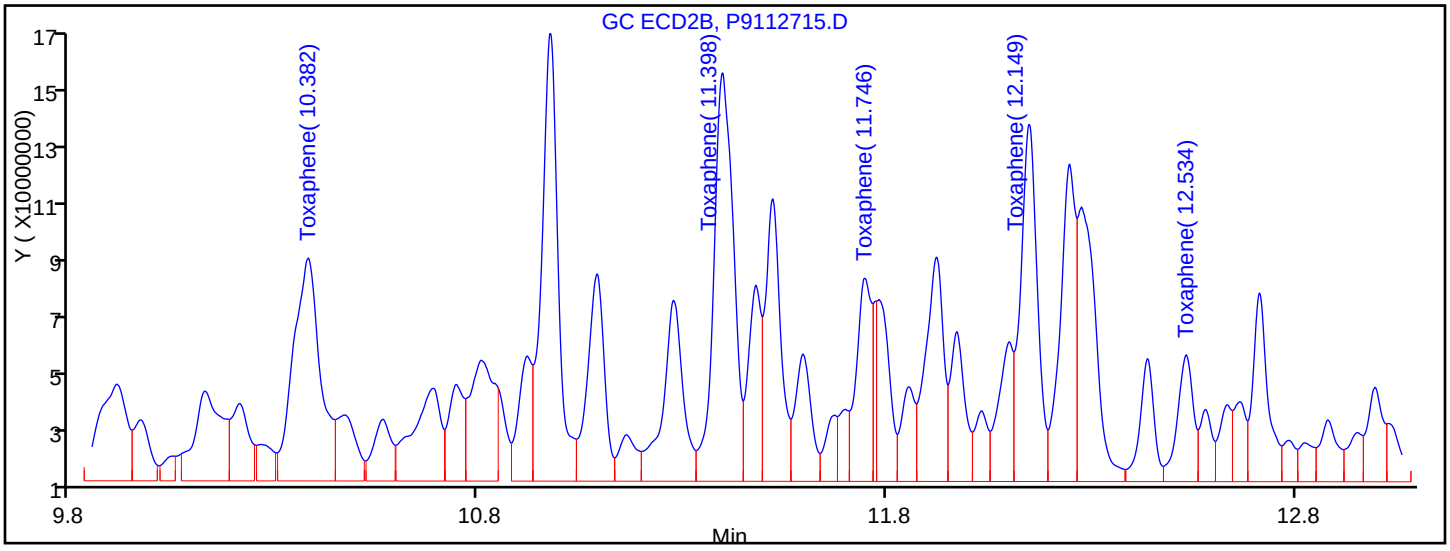
Injection Date:	28-Nov-2012 08:14:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

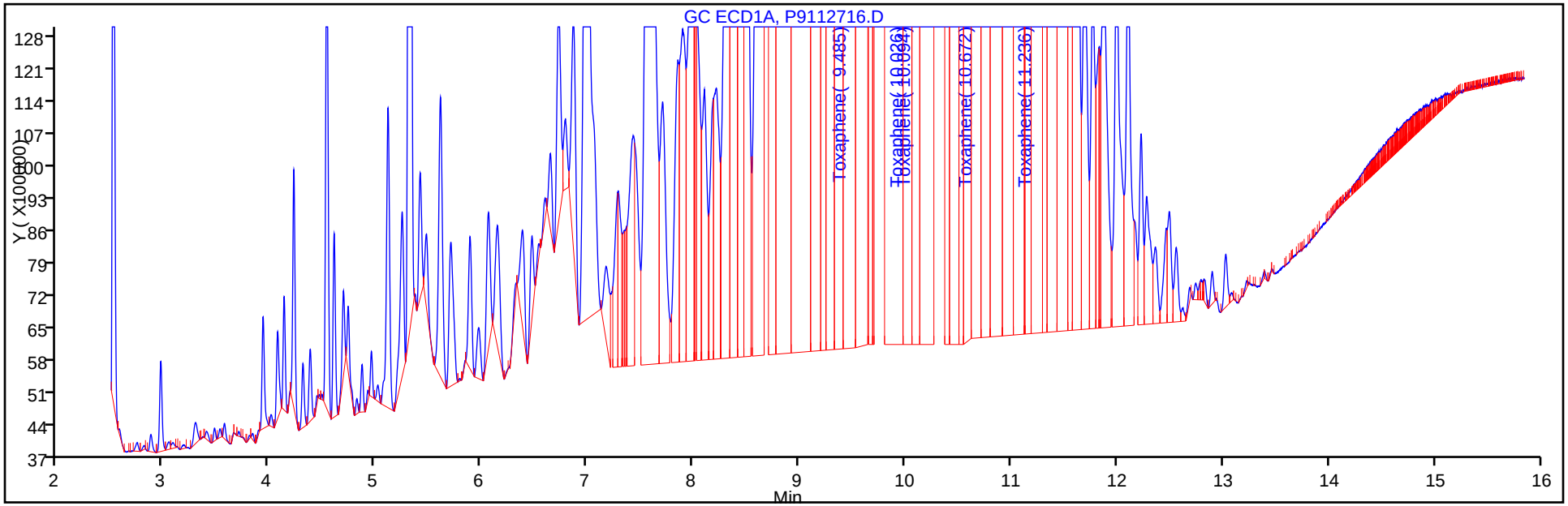
Report Date: 29-Nov-2012 09:55:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

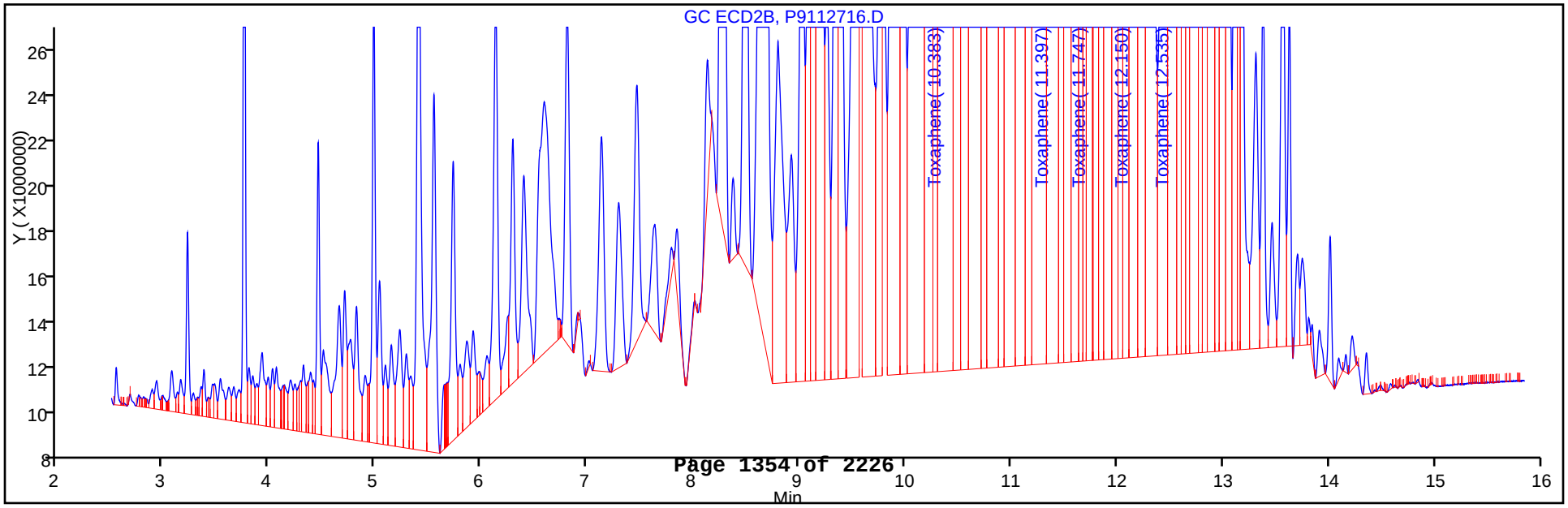
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

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



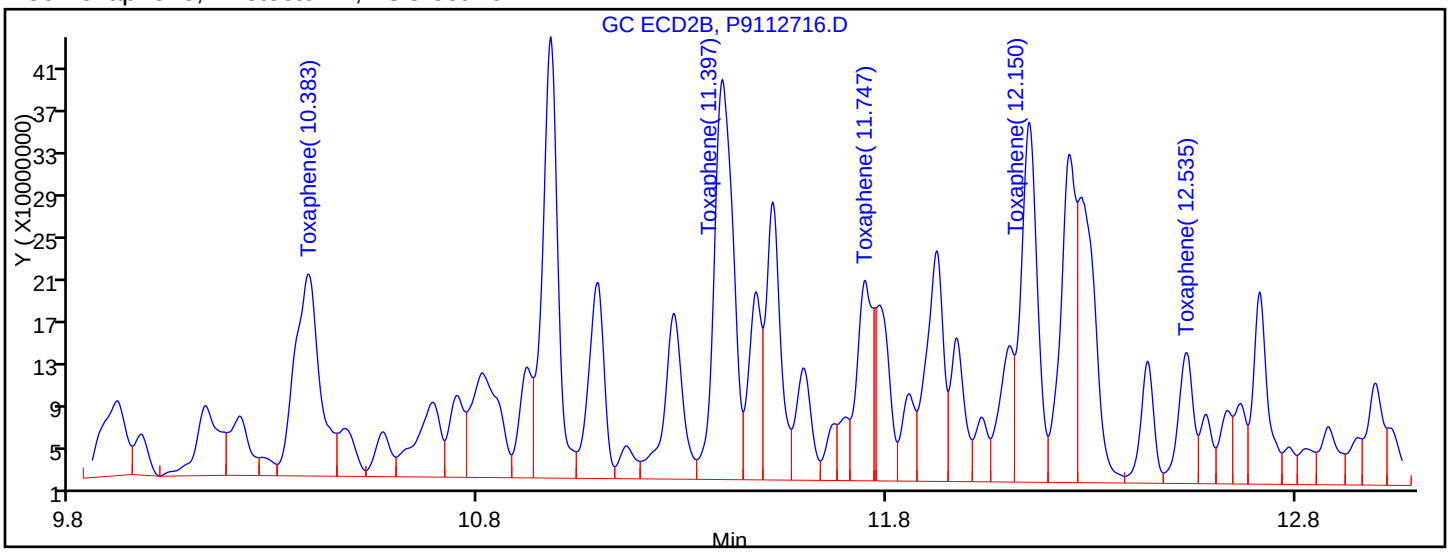
Report Date: 29-Nov-2012 09:55:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112716.D

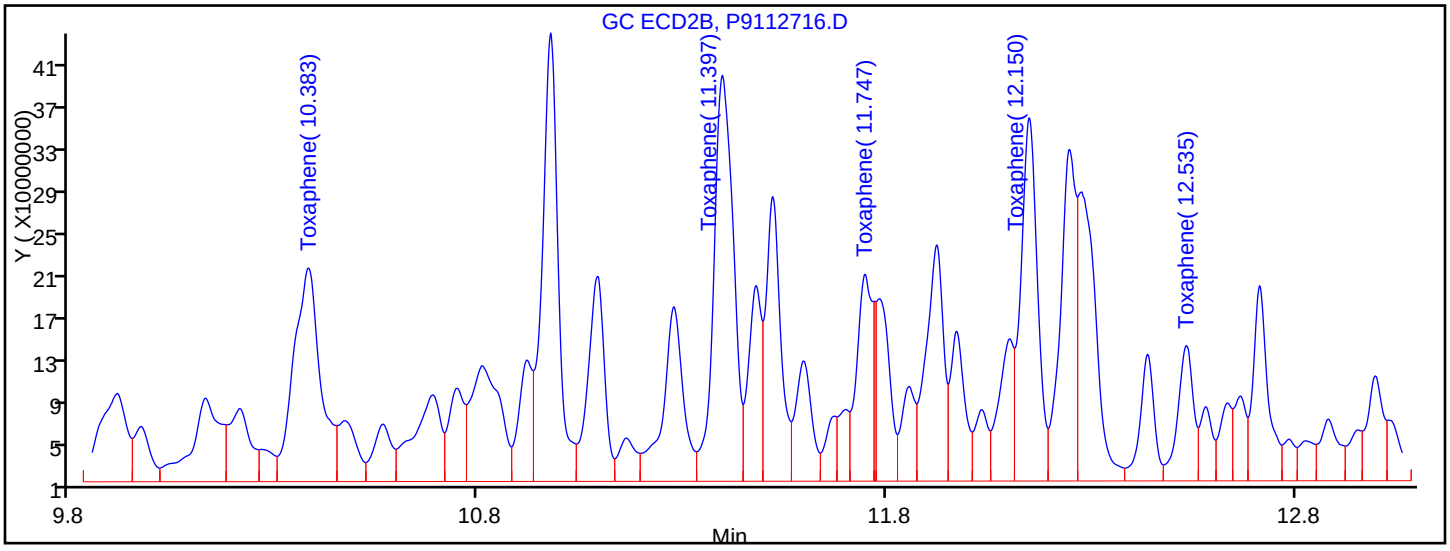
Injection Date:	28-Nov-2012 08:42:02	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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

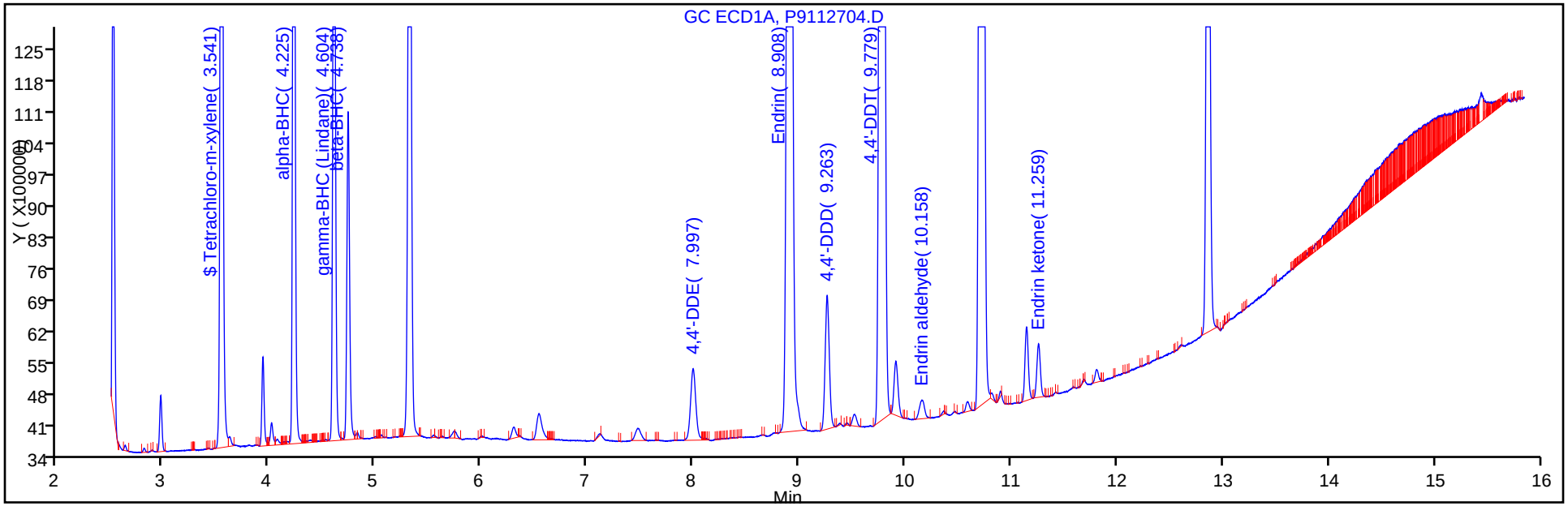
Report Date: 29-Nov-2012 09:55:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

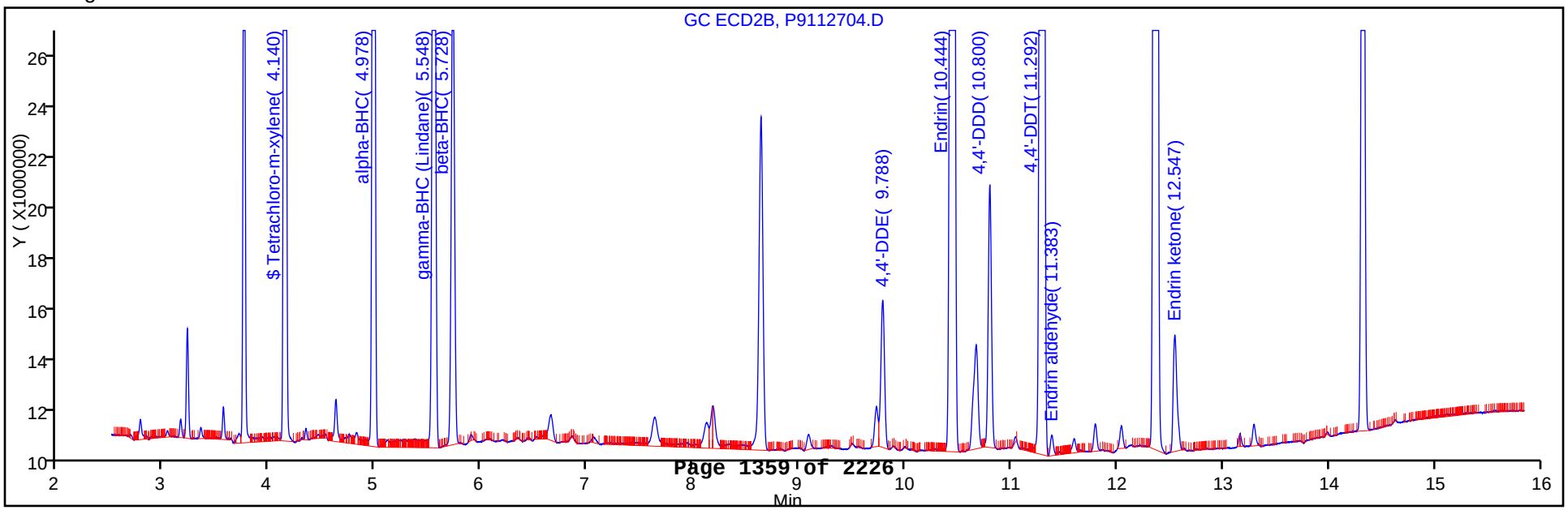
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Injection Date:	28-Nov-2012 03:23:52	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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

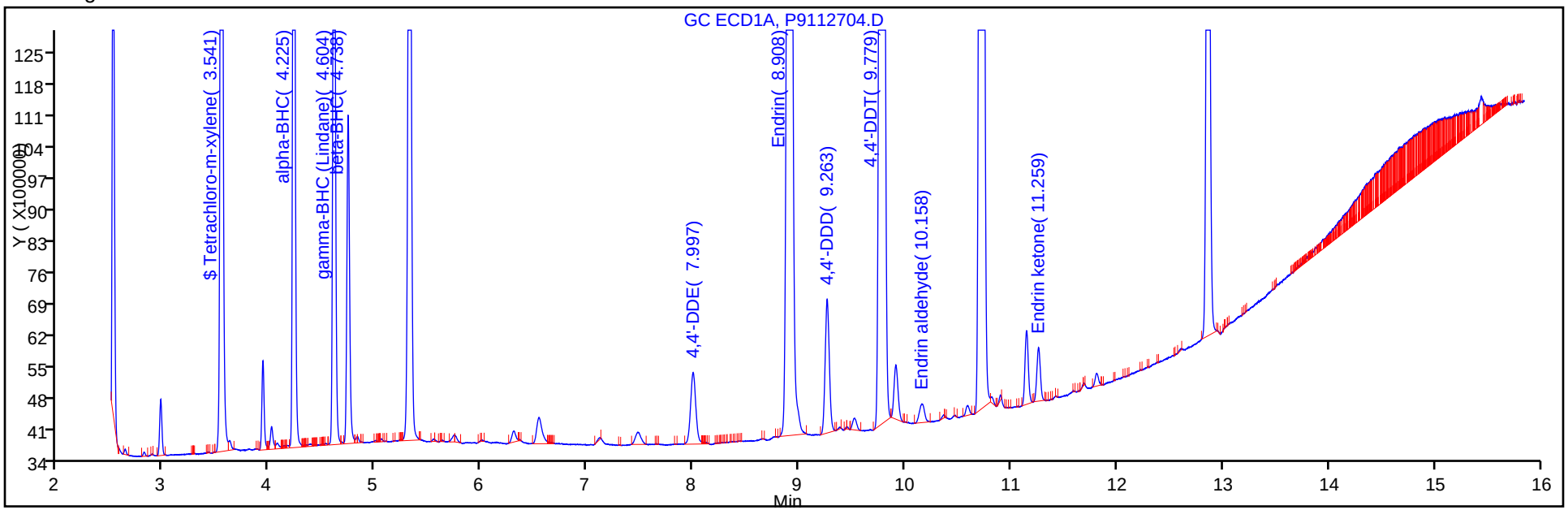
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TestAmerica Canton

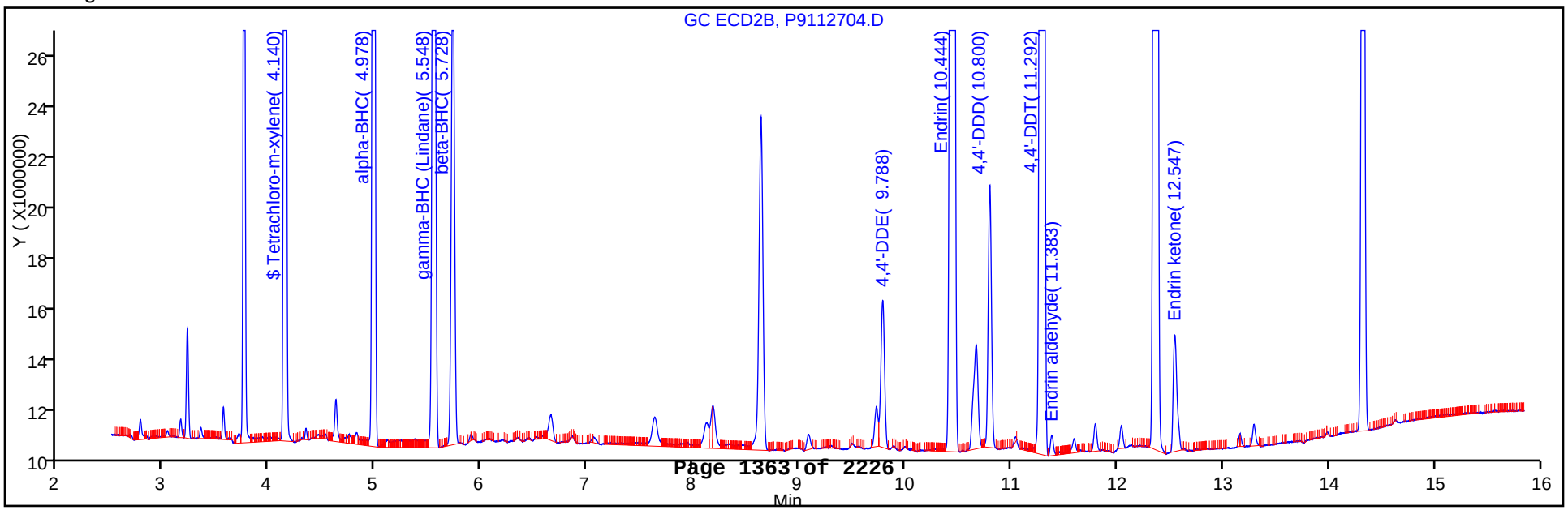
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112704.D

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.: 240-17467-1

SDG No.:

Lab Sample ID: PEM 240-66500/29 Calibration Date: 11/28/2012 14:40

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: P9112729.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.91	125666461	3.64	15	
Endrin aldehyde	10.16	1633091			
Endrin ketone	11.26	3112348			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	9.78	185640051	6.57	15	
4,4'-DDD	9.26	9476336			
4,4'-DDE	8.00	3568461			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112729.D
Lims ID: PEM Client ID:
Inject. Date: 28-Nov-2012 14:40:30 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015316-029
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 66500 Lims Sample ID: 29
Sublist:
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 10:09:23

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	53048503	0.0220			
2	100	4.140	4.140	0.000	70065033	0.009857			
						RPD = 76.07			
5 alpha-BHC									
1	100	4.225	4.225	0.000	38688004	0.0122			
2	100	4.977	4.978	-0.001	111655859	0.0112			
						RPD = 8.33			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	33075371	0.0123			
2	100	5.547	5.547	0.000	96802849	0.0117			
						RPD = 4.97			
7 beta-BHC									
1	100	4.738	4.739	-0.001	14741627	0.0124			
2	100	5.727	5.726	0.001	44975992	0.0125			
						RPD = 0.87			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	3568461	0.001233			
2	100	9.787	9.785	0.002	8718153	0.001210			
						RPD = 1.90			
17 Endrin									
1	100	8.909	8.908	0.001	125666461	0.0563			
2	100	10.446	10.445	0.001	311147587	0.0535			
						RPD = 5.09			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	9476336	0.005288			
2	100	10.800	10.810	-0.010	23413991	0.002387			
						RPD = 75.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.782	9.781	0.001	185640051	0.1307			
2	100	11.293	11.292	0.001	437923569	0.1315			
						RPD = 0.61			
18 Endrin aldehyde									
1	100	10.162	10.142	0.020	1633091	0.001037			7
2	100	11.383	11.383	0.000	1526089	0.000399			7
						RPD = 88.90			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
19 Endrin ketone									
1	100	11.260	11.260	0.000	3112348	0.001644			
2	100	12.548	12.552	-0.004	12686763	0.002894			
						RPD = 55.07			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

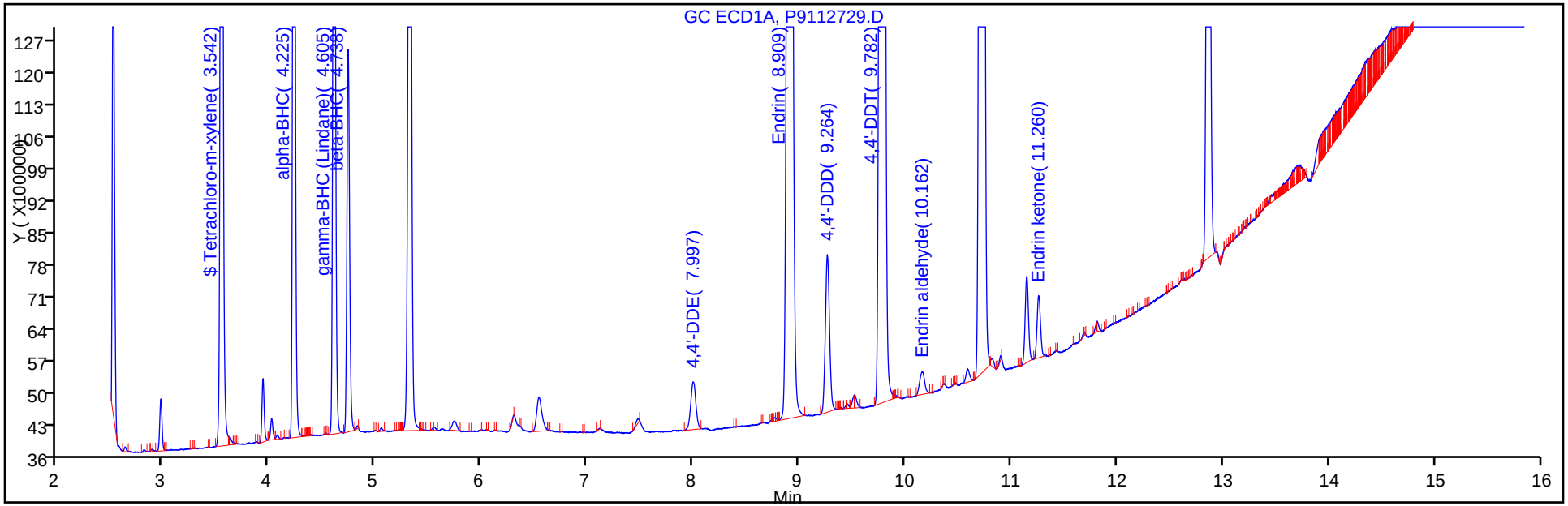
Report Date: 29-Nov-2012 11:21:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

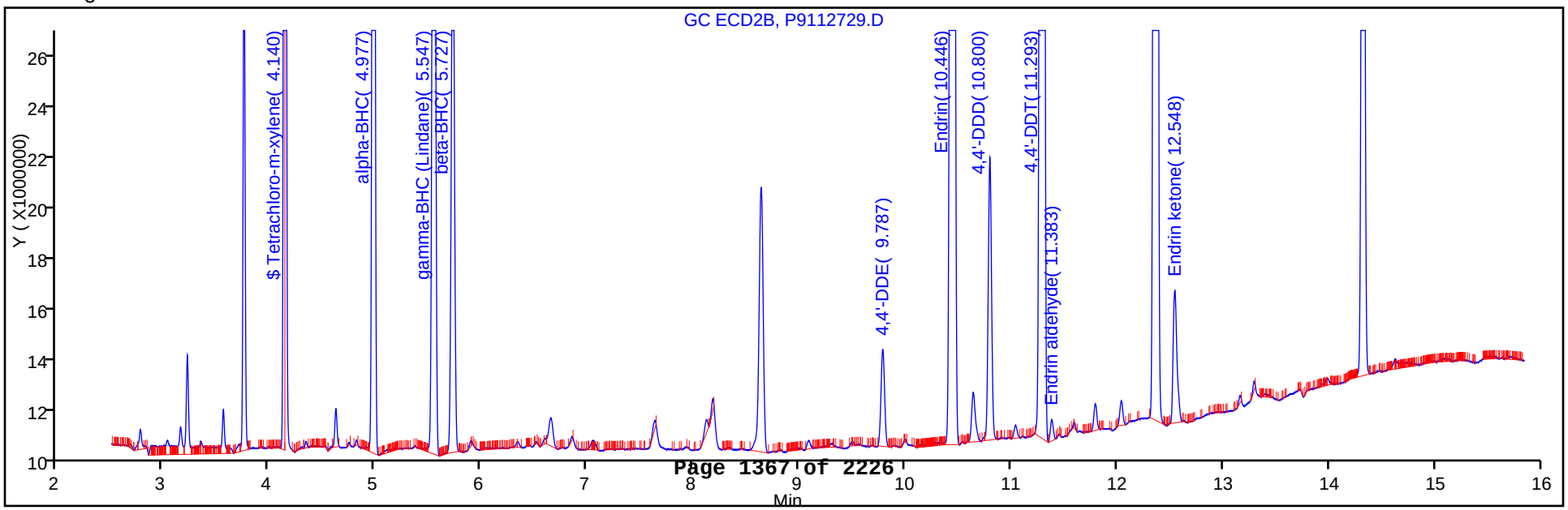
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112729.D

Injection Date:	28-Nov-2012 14:40:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	29
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.: 240-17467-1

SDG No.:

Lab Sample ID: PEM 240-66500/29 Calibration Date: 11/28/2012 14:40

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: P9112729.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	10.45	311147587	4.37	15	
Endrin aldehyde	11.38	1526089			
Endrin ketone	12.55	12686763			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	11.29	437923569	6.84	15	
4,4'-DDD	10.80	23413991			
4,4'-DDE	9.79	8718153			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112729.D
Lims ID: PEM Client ID:
Inject. Date: 28-Nov-2012 14:40:30 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015316-029
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 66500 Lims Sample ID: 29
Sublist:
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 10:09:23

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	53048503	0.0220			
2	100	4.140	4.140	0.000	70065033	0.009857			
						RPD = 76.07			
5 alpha-BHC									
1	100	4.225	4.225	0.000	38688004	0.0122			
2	100	4.977	4.978	-0.001	111655859	0.0112			
						RPD = 8.33			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	33075371	0.0123			
2	100	5.547	5.547	0.000	96802849	0.0117			
						RPD = 4.97			
7 beta-BHC									
1	100	4.738	4.739	-0.001	14741627	0.0124			
2	100	5.727	5.726	0.001	44975992	0.0125			
						RPD = 0.87			
2 4,4'-DDE									
1	100	7.997	7.995	0.002	3568461	0.001233			
2	100	9.787	9.785	0.002	8718153	0.001210			
						RPD = 1.90			
17 Endrin									
1	100	8.909	8.908	0.001	125666461	0.0563			
2	100	10.446	10.445	0.001	311147587	0.0535			
						RPD = 5.09			
1 4,4'-DDD									
1	100	9.264	9.263	0.001	9476336	0.005288			
2	100	10.800	10.810	-0.010	23413991	0.002387			
						RPD = 75.61			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.782	9.781	0.001	185640051	0.1307			
2	100	11.293	11.292	0.001	437923569	0.1315			
						RPD = 0.61			
18 Endrin aldehyde									
1	100	10.162	10.142	0.020	1633091	0.001037			7
2	100	11.383	11.383	0.000	1526089	0.000399			7
						RPD = 88.90			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.723						
2	100		12.365						
19 Endrin ketone									
1	100	11.260	11.260	0.000	3112348	0.001644			
2	100	12.548	12.552	-0.004	12686763	0.002894			
						RPD = 55.07			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

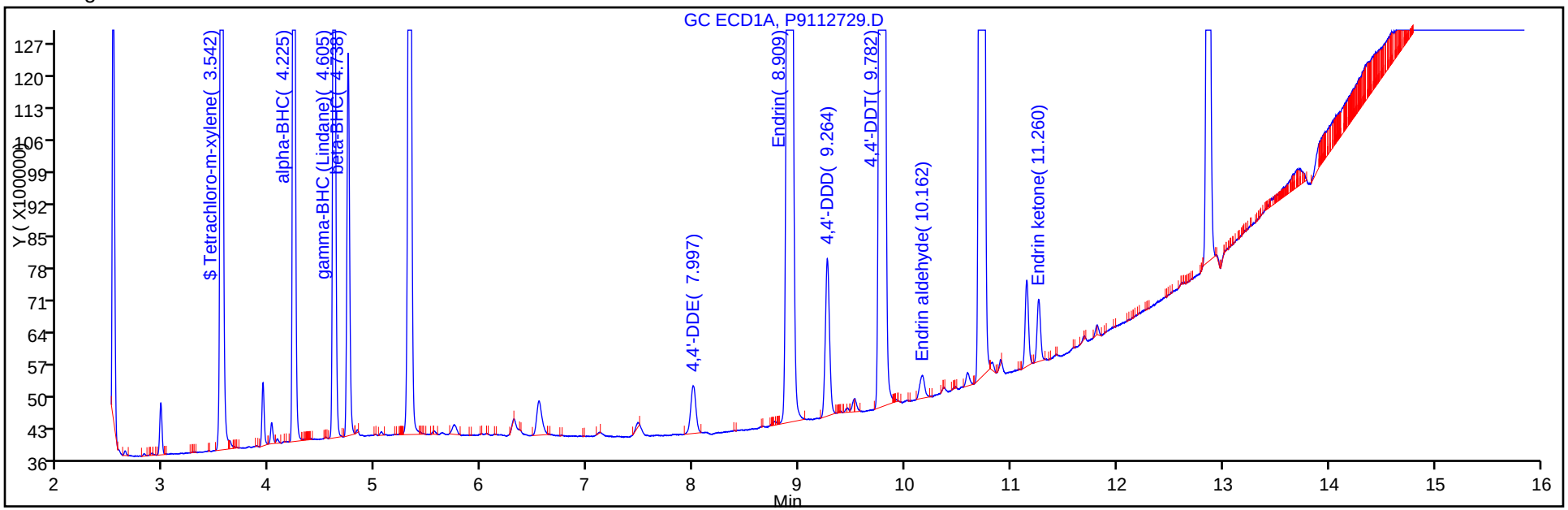
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TestAmerica Canton

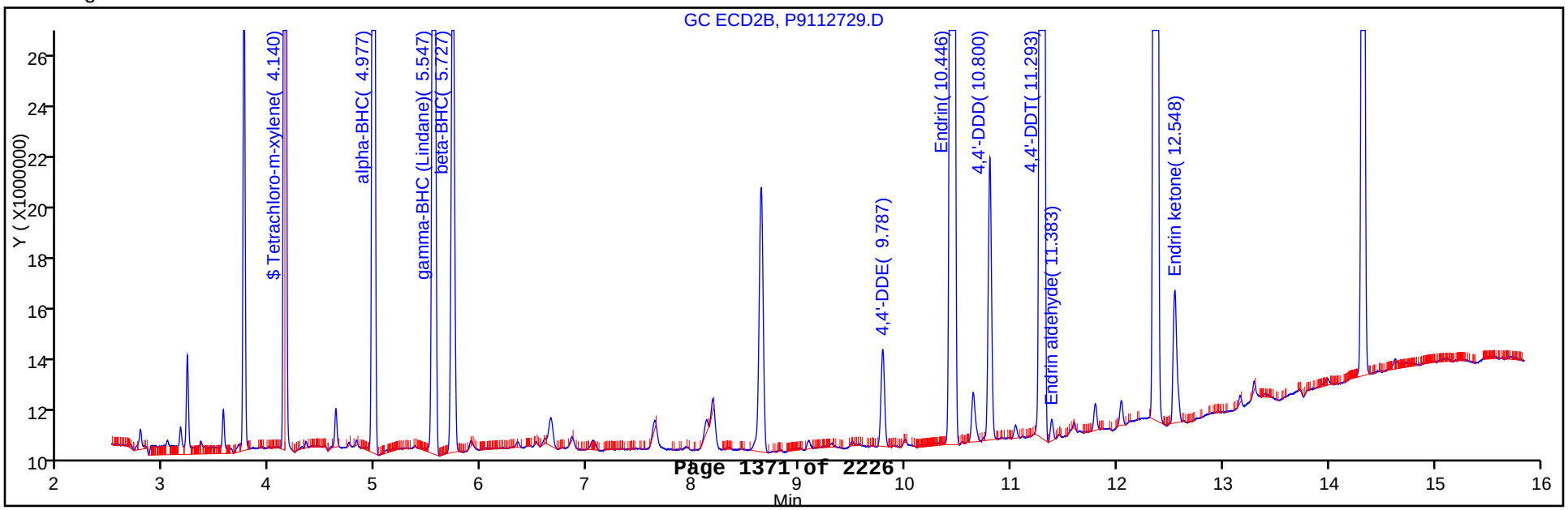
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Injection Date:	28-Nov-2012 14:40:30	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	29
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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.: 240-17467-1

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

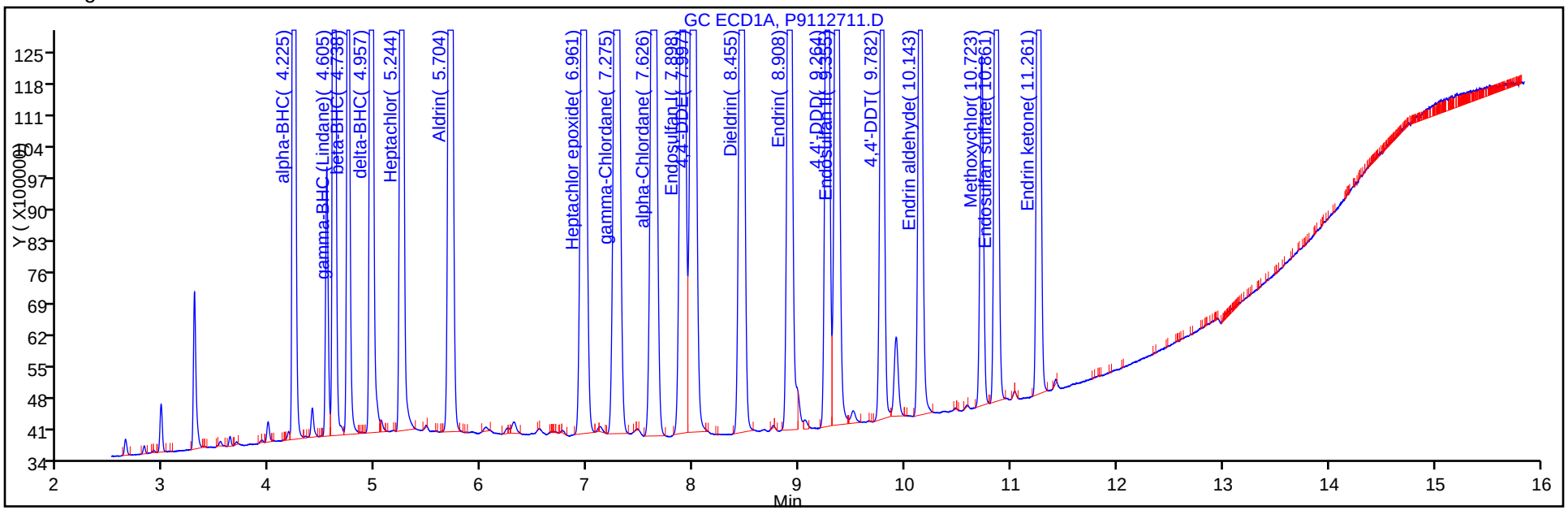
Report Date: 29-Nov-2012 09:55:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

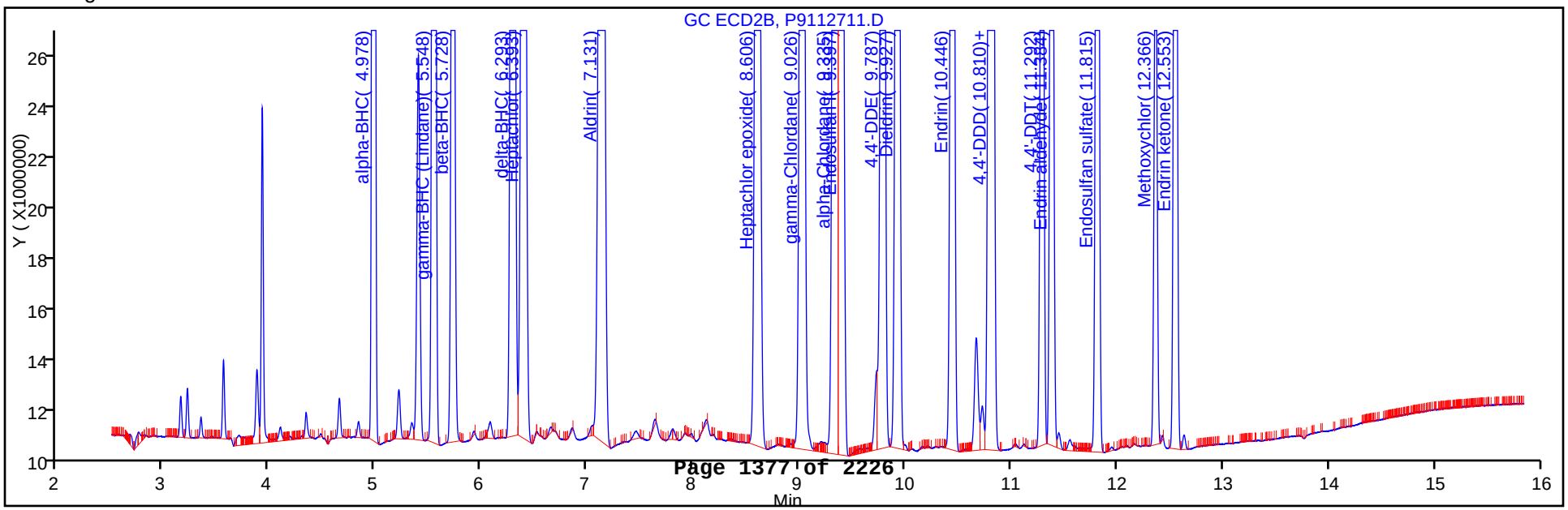
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Injection Date:	28-Nov-2012 06:22:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

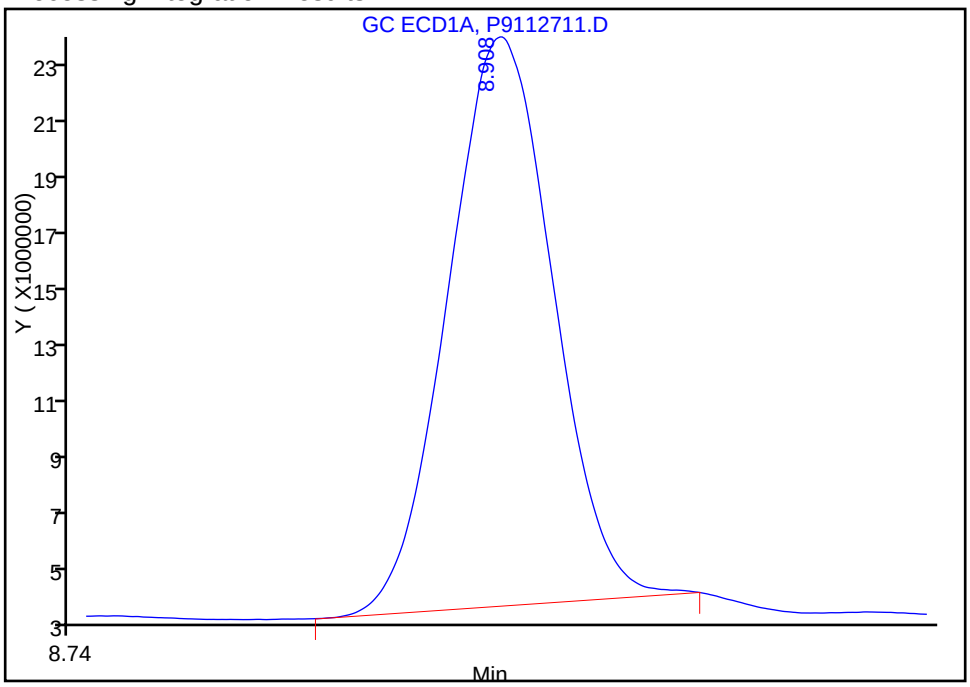
TestAmerica Canton

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

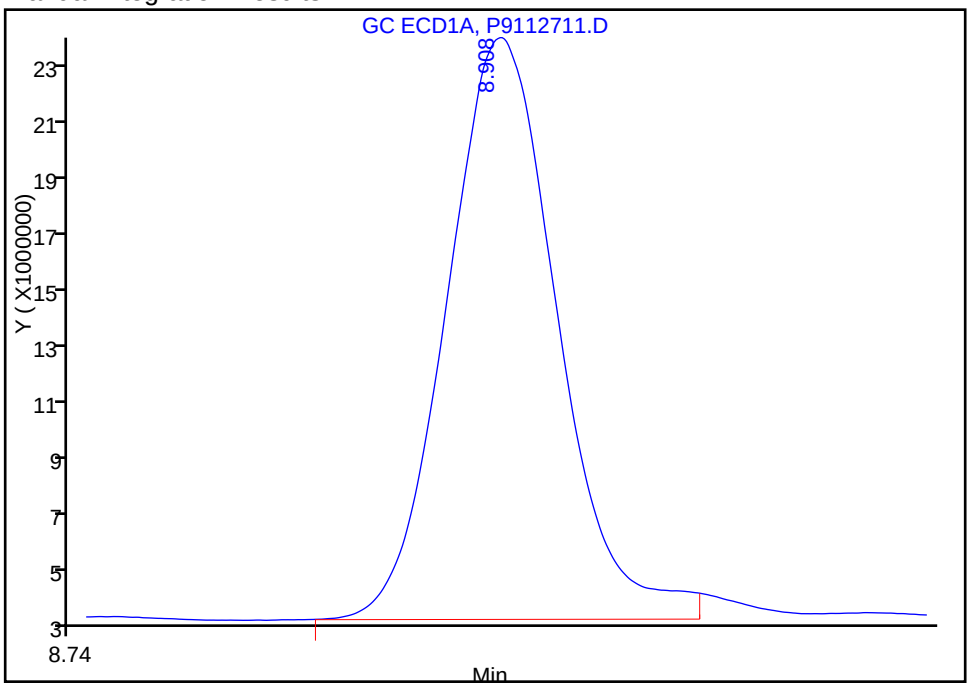
Processing Integration Results

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.: 240-17467-1

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.: 240-17467-1

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

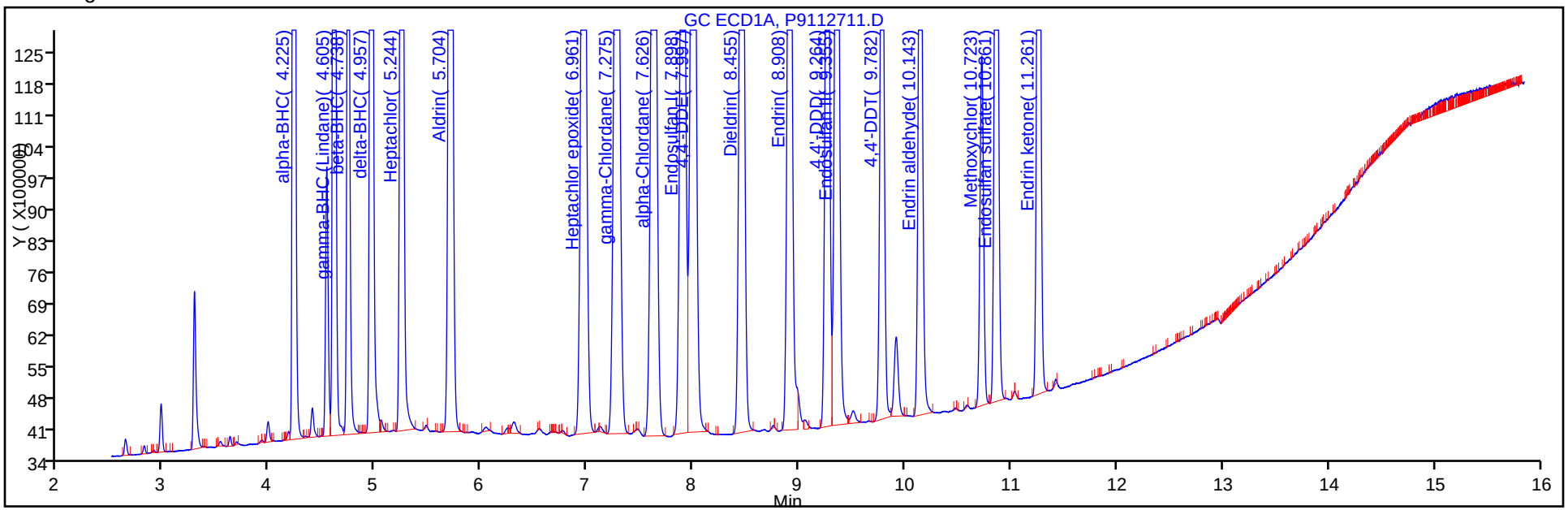
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TestAmerica Canton

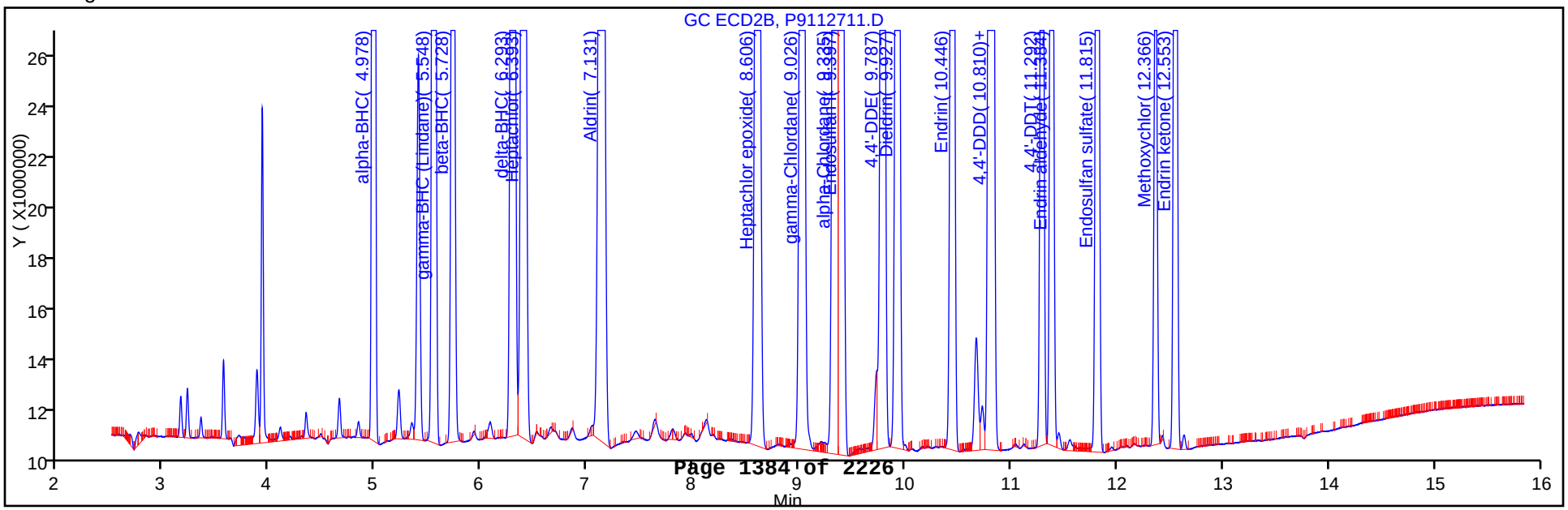
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Injection Date:	28-Nov-2012 06:22:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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.: 240-17467-1

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

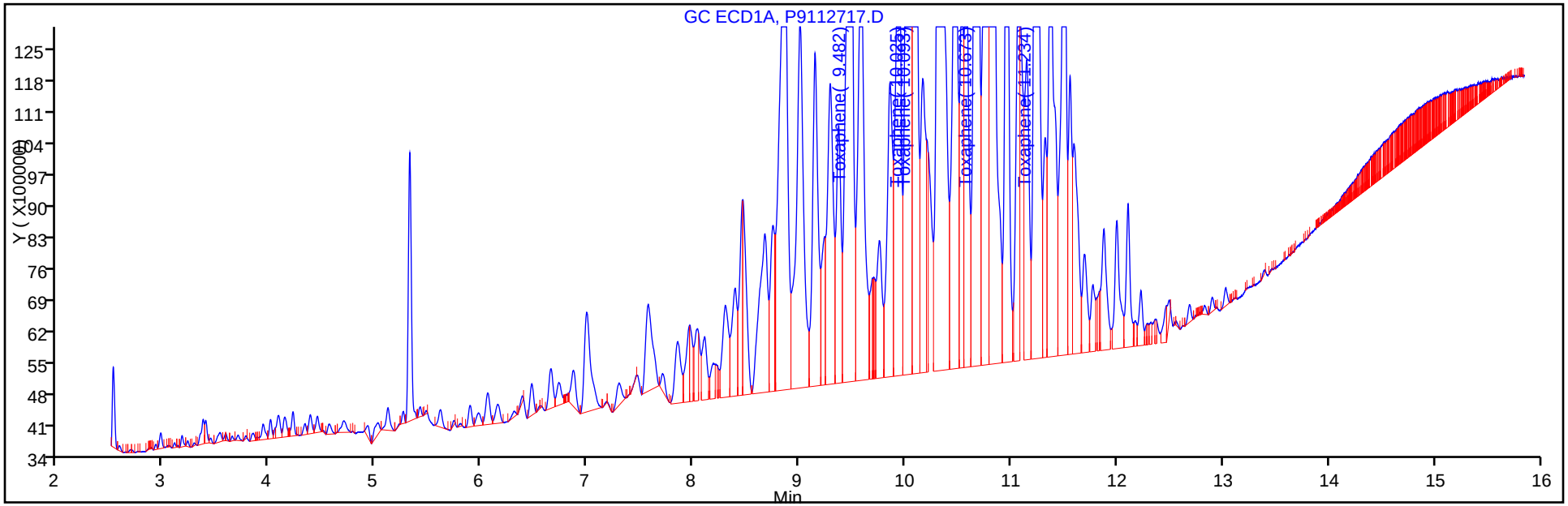
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

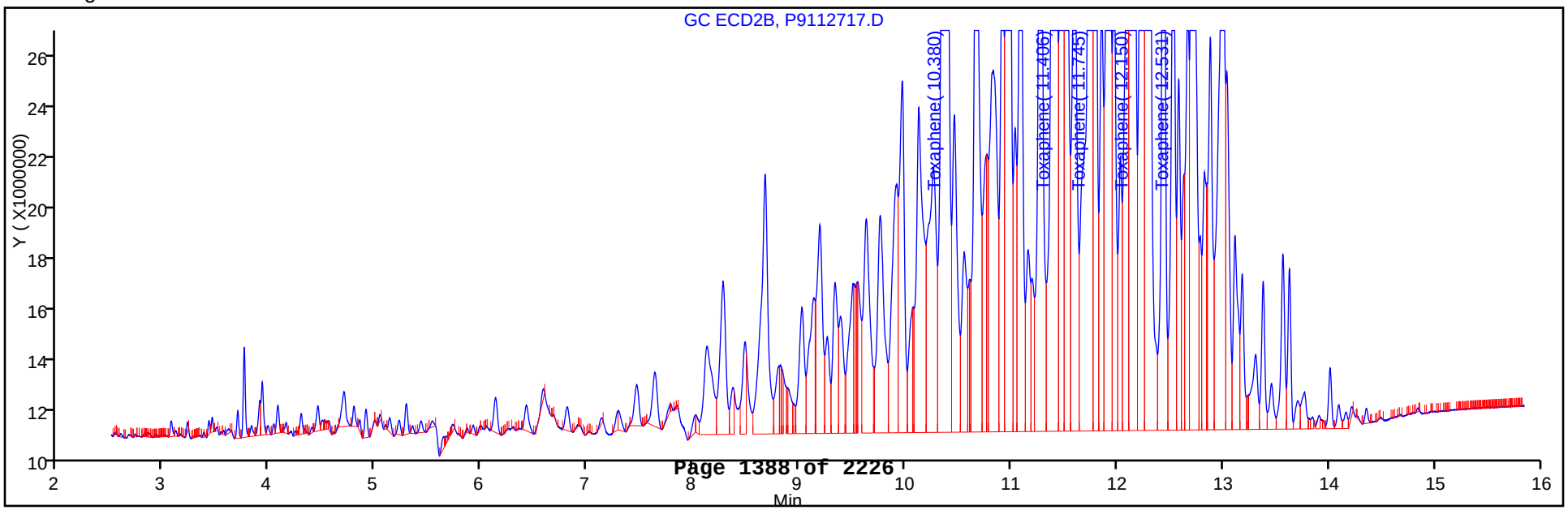
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Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



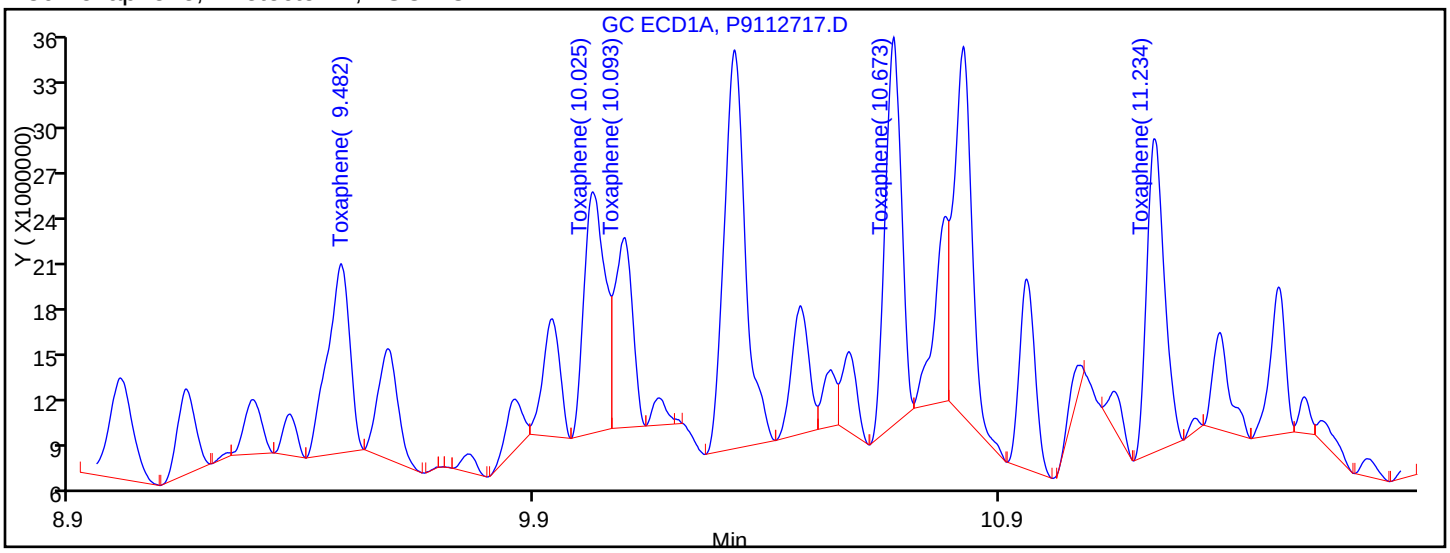
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D

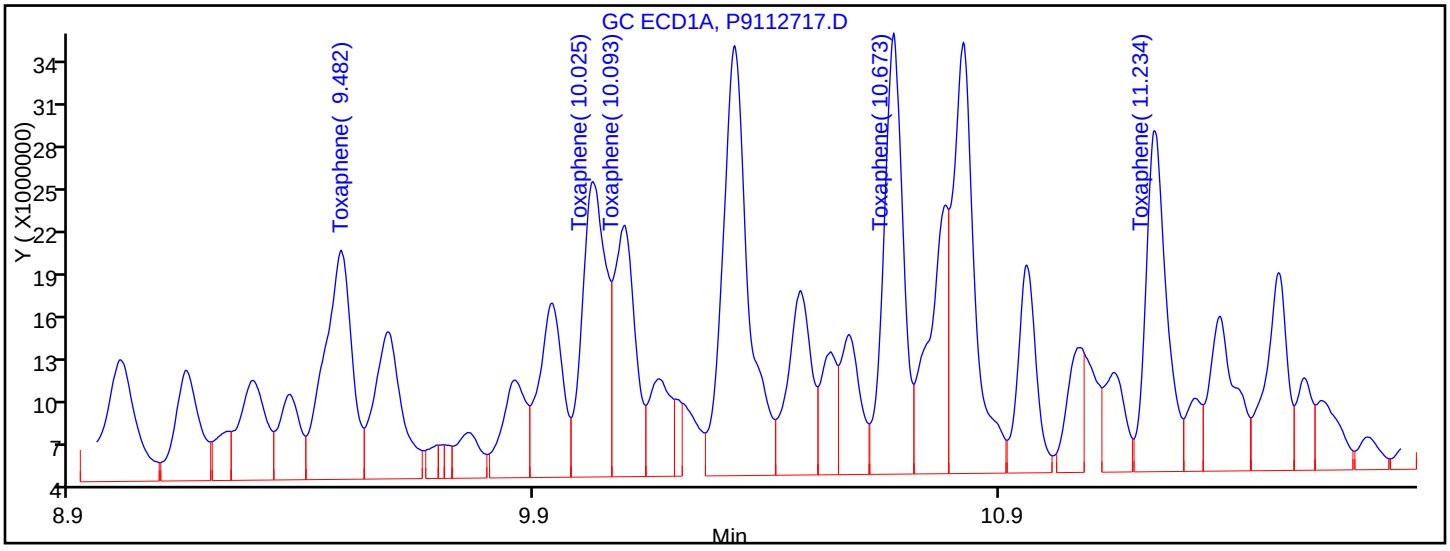
Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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.: 240-17467-1

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

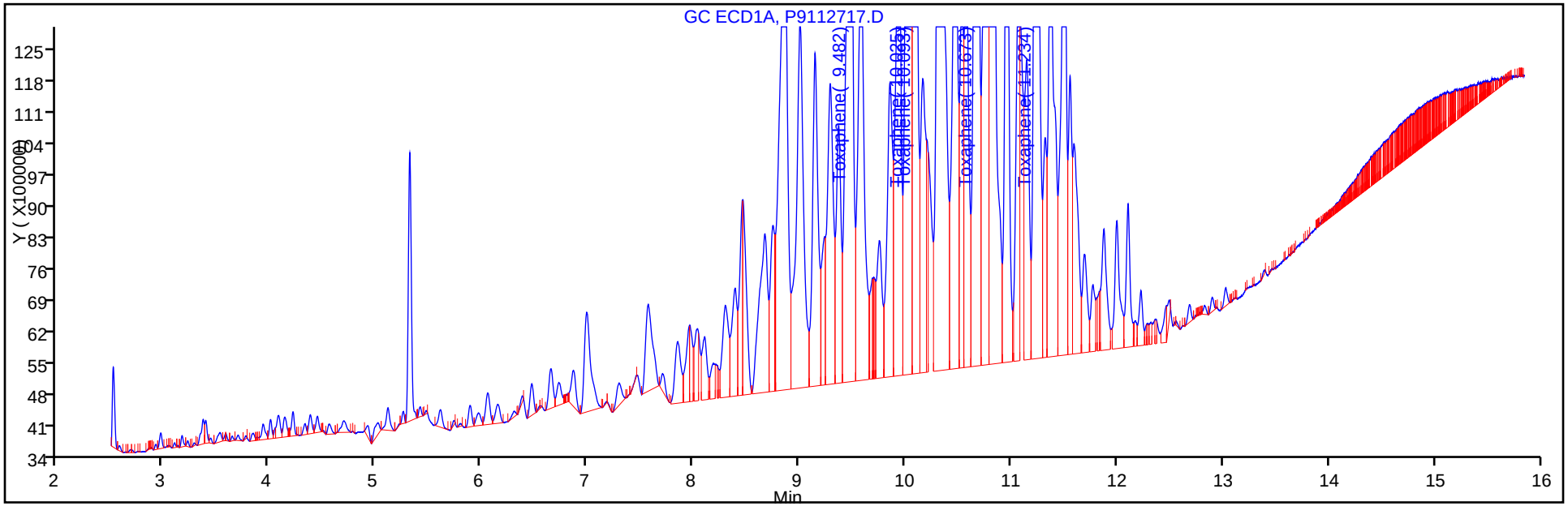
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

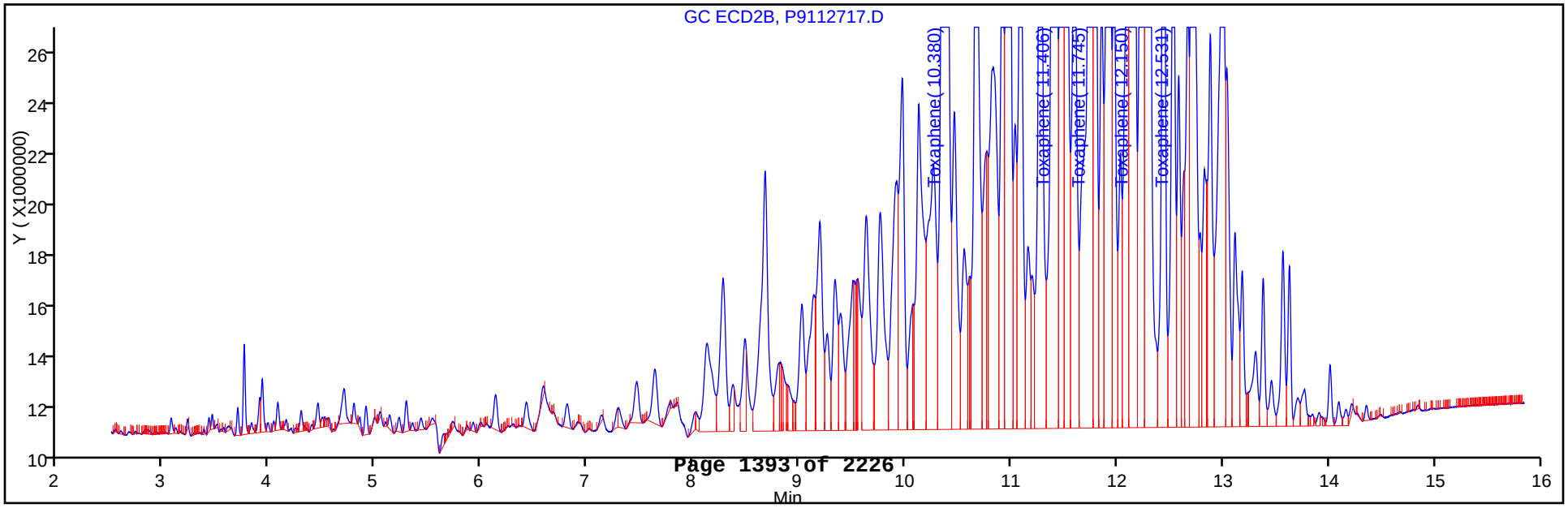
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



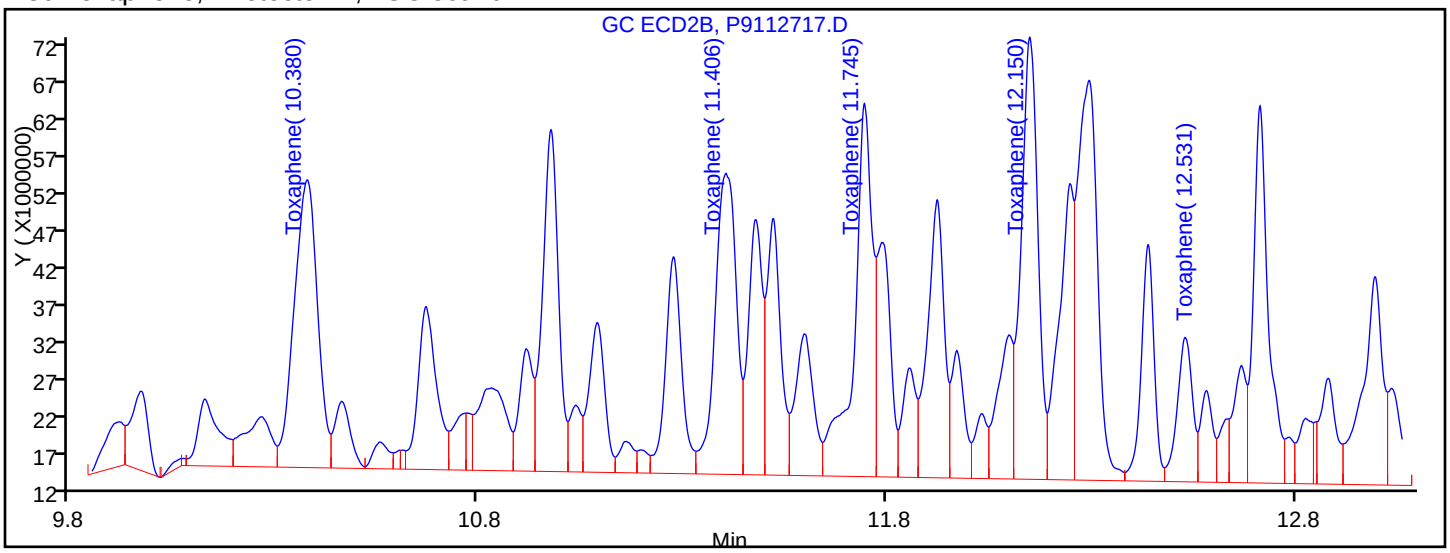
Report Date: 29-Nov-2012 09:55:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112717.D

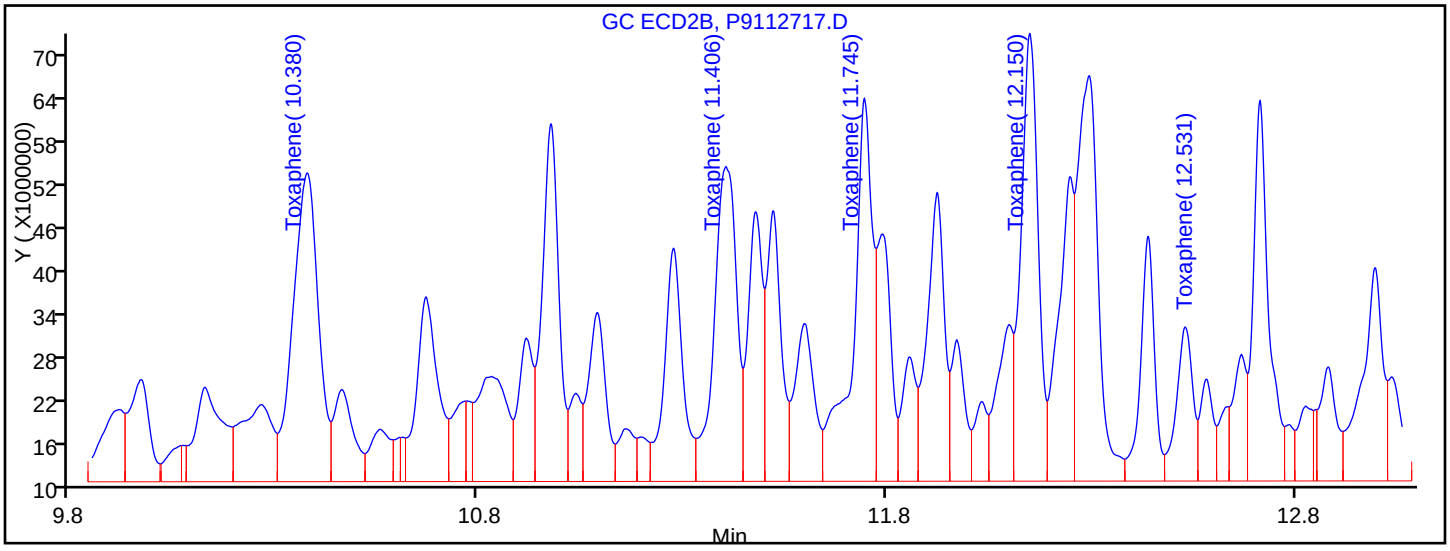
Injection Date:	28-Nov-2012 09:09:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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.: 240-17467-1

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			

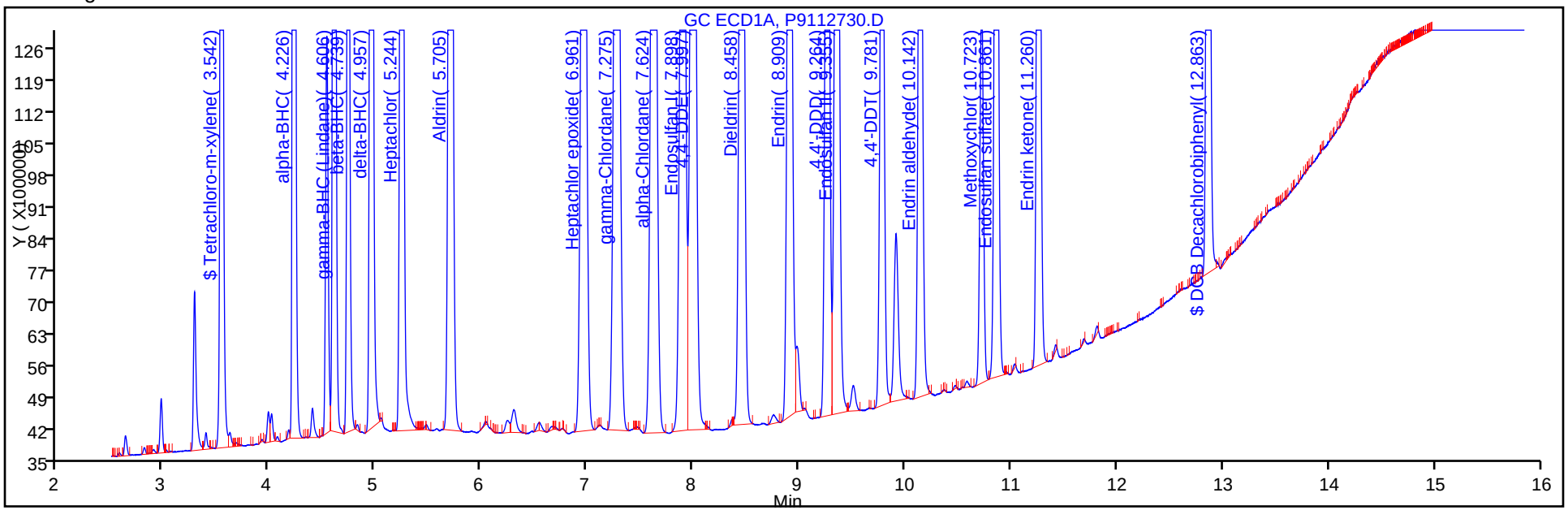
Report Date: 29-Nov-2012 11:21:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

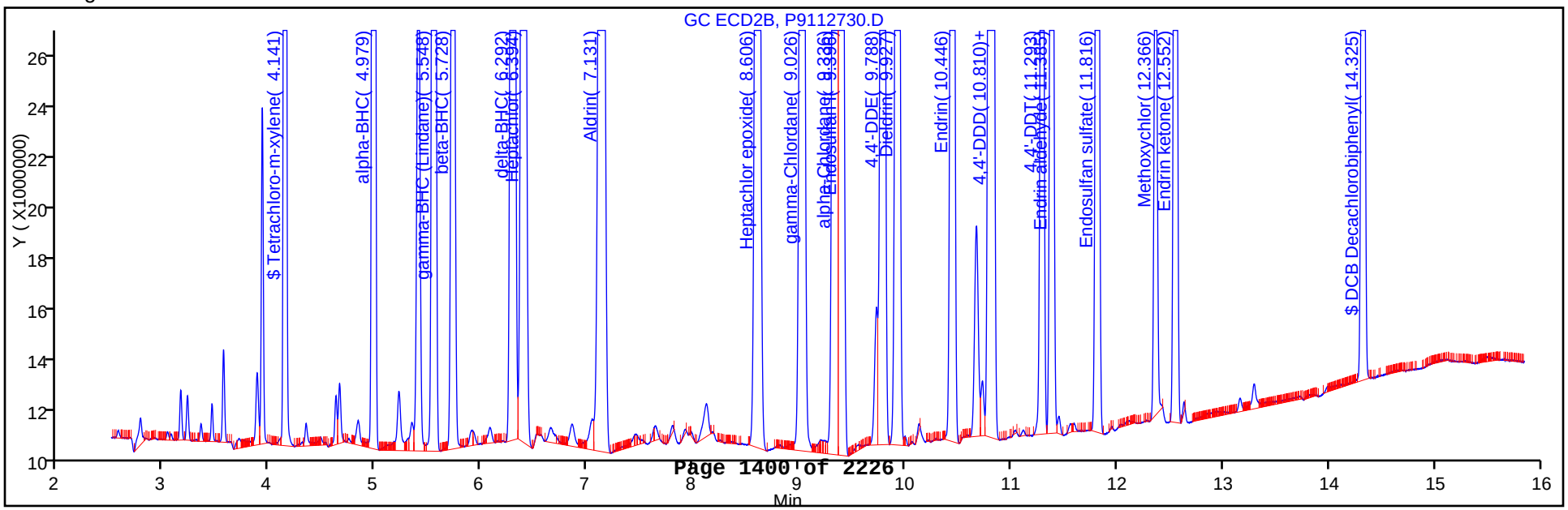
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112730.D

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.: 240-17467-1

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.: 240-17467-1

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			

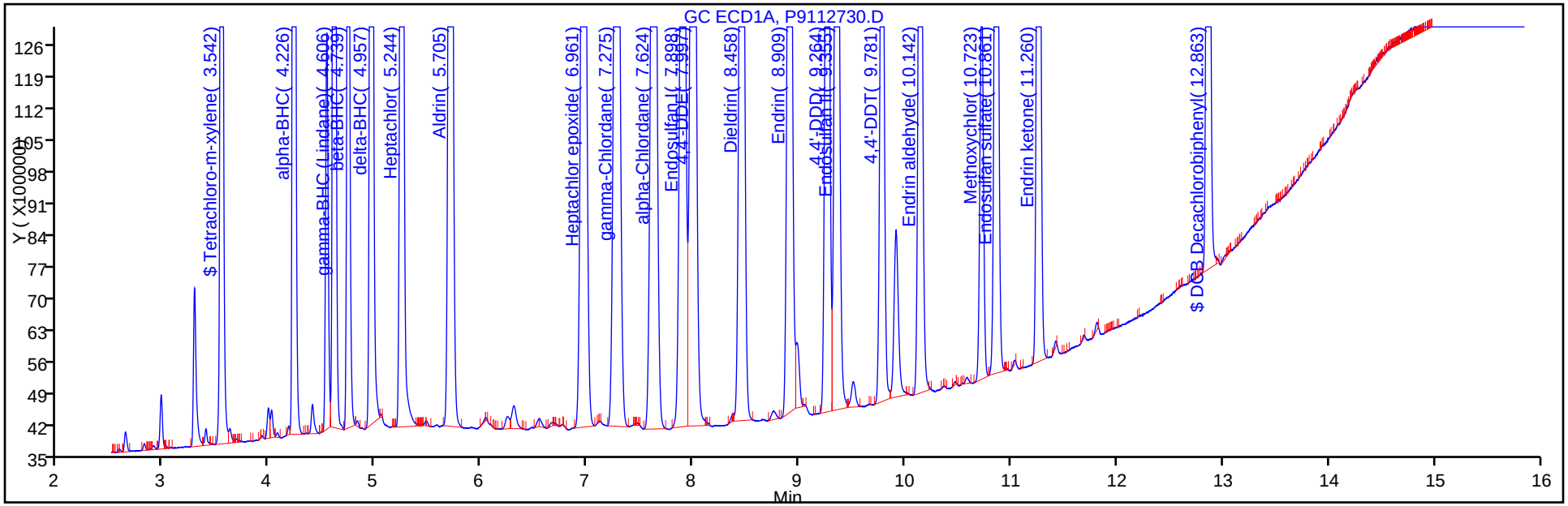
Report Date: 29-Nov-2012 11:21:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

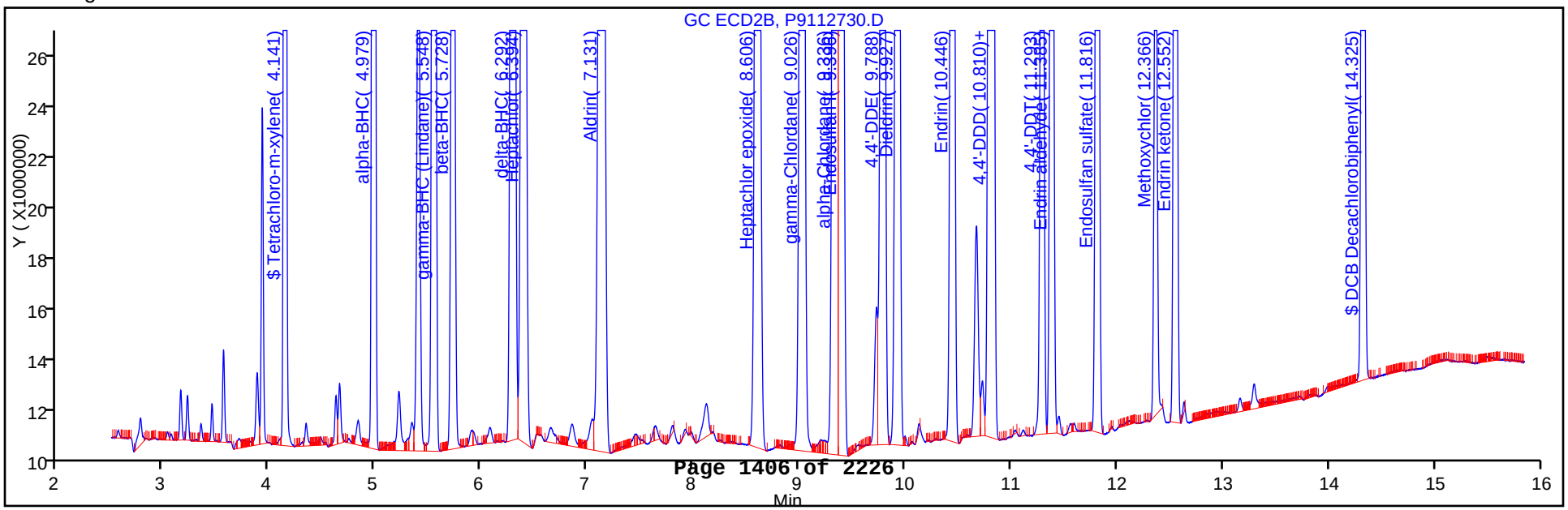
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112730.D

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.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/41 Calibration Date: 11/28/2012 20:15

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: P9112741.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3168667215	4365977160		0.0344	0.0250	37.8*	20.0
gamma-BHC (Lindane)	Ave	2696239648	3698201760		0.0343	0.0250	37.2*	20.0
beta-BHC	Ave	1192117427	1604763080		0.0337	0.0250	34.6*	20.0
delta-BHC	Ave	2593377382	3593306240		0.0346	0.0250	38.6*	20.0
Heptachlor	Ave	2436929739	3216611000		0.0330	0.0250	32.0*	20.0
Aldrin	Ave	2967053625	3921148880		0.0330	0.0250	32.2*	20.0
Heptachlor epoxide	Ave	2465306798	3281699640		0.0333	0.0250	33.1*	20.0
gamma-Chlordane	Ave	2642311293	3486527960		0.0330	0.0250	31.9*	20.0
alpha-Chlordane	Ave	2713419924	3565233320		0.0328	0.0250	31.4*	20.0
Endosulfan I	Ave	2329014810	3093166720		0.0332	0.0250	32.8*	20.0
4,4'-DDE	Ave	2894548445	3714310840		0.0321	0.0250	28.3*	20.0
Dieldrin	Ave	2429335459	3222838800		0.0332	0.0250	32.7*	20.0
Endrin	Ave	2233310440	2920396400		0.0327	0.0250	30.8*	20.0
4,4'-DDD	Ave	1791905190	2447204360		0.0341	0.0250	36.6*	20.0
Endosulfan II	Ave	2120779171	2862107320		0.0337	0.0250	35.0*	20.0
4,4'-DDT	Ave	1420166233	1861491120		0.0328	0.0250	31.1*	20.0
Endrin aldehyde	Ave	1574397867	2055865520		0.0326	0.0250	30.6*	20.0
Methoxychlor	Ave	679722133	897030560		0.0330	0.0250	32.0*	20.0
Endosulfan sulfate	Ave	1727152069	2351626800		0.0340	0.0250	36.2*	20.0
Endrin ketone	Ave	1892819765	2544882640		0.0336	0.0250	34.4*	20.0
Tetrachloro-m-xylene	Ave	2415797538	2806110480		0.0290	0.0250	16.2	20.0
DCB Decachlorobiphenyl	Ave	2061793819	2632651200		0.0319	0.0250	27.7*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/41 Calibration Date: 11/28/2012 20:15

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: P9112741.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	5.67	5.73
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	9.35	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
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\P9112741.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 28-Nov-2012 20:15:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-041
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 66500 Lims Sample ID: 41
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 11:21:47 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 10:11:31

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	70152762	0.0290			
2	100	4.140	4.140	0.000	197739586	0.0278			
						RPD = 4.29			
5 alpha-BHC									
1	100	4.225	4.225	0.000	109149429	0.0344			
2	100	4.978	4.978	0.000	322250865	0.0324			
						RPD = 6.06			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	92455044	0.0343			
2	100	5.547	5.547	0.000	265375224	0.0320			
						RPD = 6.92			
7 beta-BHC									
1	100	4.738	4.738	0.000	40119077	0.0337			
2	100	5.727	5.727	0.000	114456923	0.0317			
						RPD = 5.84			
11 delta-BHC									
1	100	4.956	4.956	0.000	89832656	0.0346			
2	100	6.292	6.292	0.000	258625325	0.0327			
						RPD = 5.81			
22 Heptachlor									
1	100	5.242	5.242	0.000	80415275	0.0330			
2	100	6.393	6.393	0.000	221543812	0.0310			
						RPD = 6.16			
4 Aldrin									
1	100	5.704	5.704	0.000	98028722	0.0330			
2	100	7.132	7.132	0.000	258865932	0.0315			
						RPD = 4.73			

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	82042491	0.0333			
2	100	8.605	8.605	0.000	216315262	0.0317			
						RPD = 4.98			
21 gamma-Chlordane									M
1	100	7.275	7.275	0.000	87163199	0.0330			M
2	100	9.025	9.025	0.000	217851877	0.0313			
						RPD = 5.37			
6 alpha-Chlordane									
1	100	7.623	7.623	0.000	89130833	0.0328			
2	100	9.333	9.333	0.000	218874761	0.0311			
						RPD = 5.47			
14 Endosulfan I									
1	100	7.897	7.897	0.000	77329168	0.0332			
2	100	9.396	9.396	0.000	182464534	0.0317			
						RPD = 4.70			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	92857771	0.0321			
2	100	9.787	9.787	0.000	216547038	0.0300			
						RPD = 6.55			
13 Dieldrin									
1	100	8.455	8.455	0.000	80570970	0.0332			
2	100	9.927	9.927	0.000	199025310	0.0315			
						RPD = 5.14			
17 Endrin									
1	100	8.908	8.908	0.000	73009910	0.0327			
2	100	10.444	10.444	0.000	180849286	0.0311			
						RPD = 5.05			
1 4,4'-DDD									
1	100	9.264	9.264	0.000	61180109	0.0341			
2	100	10.810	10.810	0.000	314814438	0.0321			
						RPD = 6.19			
15 Endosulfan II									
1	100	9.354	9.354	0.000	71552683	0.0337			
2	100	10.810	10.810	0.000	314814438	0.0321			
						RPD = 5.00			
3 4,4'-DDT									
1	100	9.780	9.780	0.000	46537278	0.0328			
2	100	11.292	11.292	0.000	103354364	0.0310			
						RPD = 5.42			
18 Endrin aldehyde									
1	100	10.141	10.141	0.000	51396638	0.0326			
2	100	11.383	11.383	0.000	118786875	0.0310			
						RPD = 5.01			
27 Methoxychlor									
1	100	10.722	10.722	0.000	22425764	0.0330			
2	100	12.365	12.365	0.000	51832358	0.0312			
						RPD = 5.64			

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	58790670	0.0340			
2	100	11.814	11.814	0.000	139239866	0.0323			
						RPD = 5.32			
19 Endrin ketone									
1	100	11.261	11.261	0.000	63622066	0.0336			
2	100	12.552	12.552	0.000	140321406	0.0320			
						RPD = 4.89			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	65816280	0.0319			
2	100	14.324	14.324	0.000	142344940	0.0301			
						RPD = 5.94			

QC Flag Legend

Review Flags
M - Manually Integrated

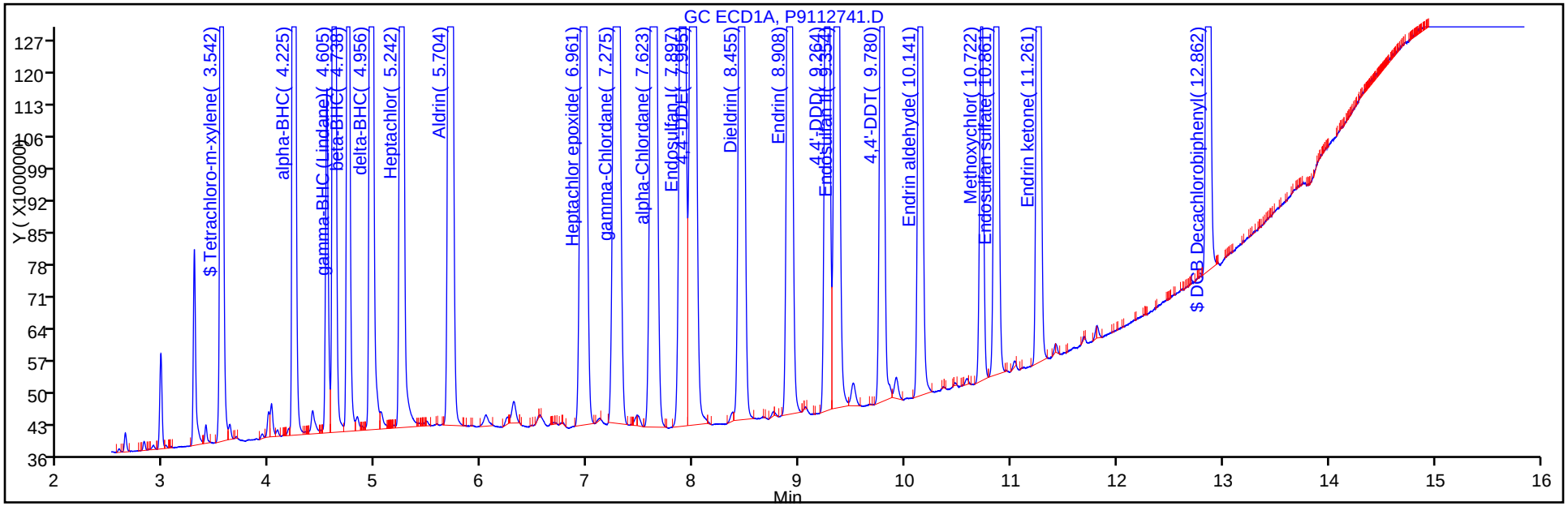
Report Date: 29-Nov-2012 11:21:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

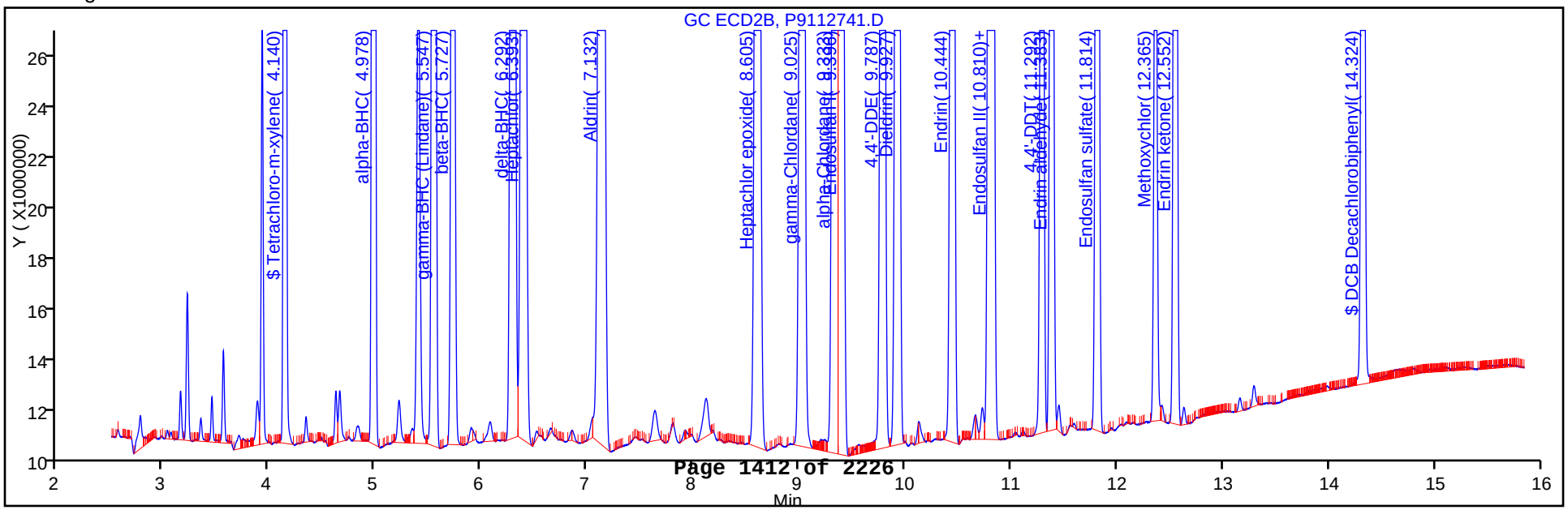
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Injection Date:	28-Nov-2012 20:15:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	41
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

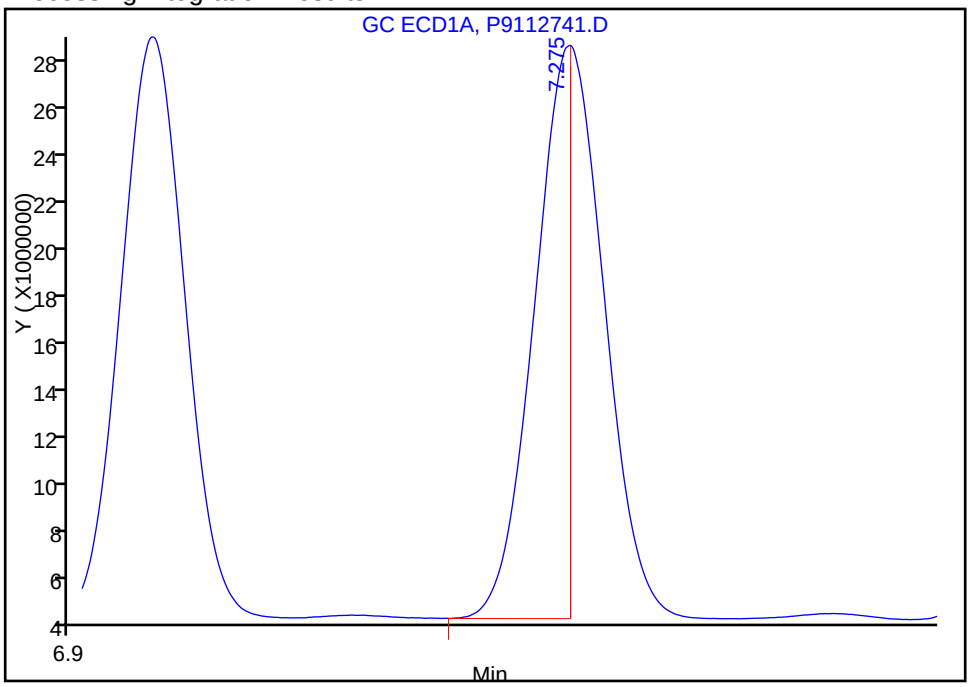
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112741.D		
Injection Date:	28-Nov-2012 20:15:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	41
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 gamma-Chlordane, Signal: 1, Type: quant, RT: 7.27, Det: GC ECD1A

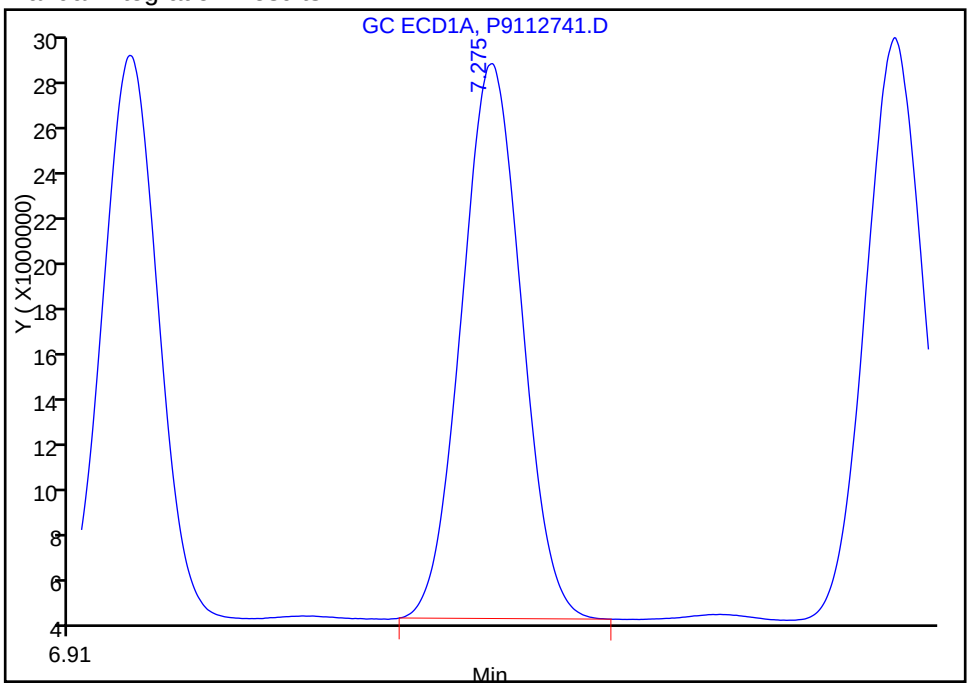
Processing Integration Results

RT: 7.27
Response: 44403729
Amount: 0.016805



Manual Integration Results

RT: 7.27
Response: 87163199
Amount: 0.032987



Reviewer: vandorenc, 29-Nov-2012 10:11:31
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/41 Calibration Date: 11/28/2012 20:15

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: P9112741.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	9940089371	12890034600		0.0324	0.0250	29.7*	20.0
gamma-BHC (Lindane)	Ave	8293601368	10615008960		0.0320	0.0250	28.0*	20.0
beta-BHC	Ave	3605562217	4578276920		0.0317	0.0250	27.0*	20.0
delta-BHC	Ave	7912733268	10345013000		0.0327	0.0250	30.7*	20.0
Heptachlor	Ave	7140697065	8861752480		0.0310	0.0250	24.1*	20.0
Aldrin	Ave	8215129958	10354637280		0.0315	0.0250	26.0*	20.0
Heptachlor epoxide	Ave	6831839093	8652610480		0.0317	0.0250	26.7*	20.0
gamma-Chlordane	Ave	6968754018	8714075080		0.0313	0.0250	25.0*	20.0
alpha-Chlordane	Ave	7037942515	8754990440		0.0311	0.0250	24.4*	20.0
Endosulfan I	Ave	5759774207	7298581360		0.0317	0.0250	26.7*	20.0
4,4'-DDE	Ave	7207034711	8661881520		0.0300	0.0250	20.2*	20.0
Dieldrin	Ave	6317654321	7961012400		0.0315	0.0250	26.0*	20.0
Endrin	Ave	5818678867	7233971440		0.0311	0.0250	24.3*	20.0
4,4'-DDD	Ave	9809607119	12592577520		0.0321	0.0250	28.4*	20.0
Endosulfan II	Ave	9809607119	12592577520		0.0321	0.0250	28.4*	20.0
4,4'-DDT	Ave	3329664076	4134174560		0.0310	0.0250	24.2*	20.0
Endrin aldehyde	Ave	3825777334	4751475000		0.0310	0.0250	24.2*	20.0
Endosulfan sulfate	Ave	4314206102	5569594640		0.0323	0.0250	29.1*	20.0
Methoxychlor	Ave	1662173652	2073294320		0.0312	0.0250	24.7*	20.0
Endrin ketone	Ave	4384149523	5612856240		0.0320	0.0250	28.0*	20.0
Tetrachloro-m-xylene	Ave	7107894572	7909583440		0.0278	0.0250	11.3	20.0
DCB Decachlorobiphenyl	Ave	4732054895	5693797600		0.0301	0.0250	20.3*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/41 Calibration Date: 11/28/2012 20:15

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: P9112741.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	9.33	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	10.44	10.41	10.47
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	11.81	11.78	11.84
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	14.32	14.29	14.35

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112741.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 28-Nov-2012 20:15:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-041
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 66500 Lims Sample ID: 41
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 11:21:47 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 10:11:31

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	70152762	0.0290			
2	100	4.140	4.140	0.000	197739586	0.0278			
						RPD = 4.29			
5 alpha-BHC									
1	100	4.225	4.225	0.000	109149429	0.0344			
2	100	4.978	4.978	0.000	322250865	0.0324			
						RPD = 6.06			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	92455044	0.0343			
2	100	5.547	5.547	0.000	265375224	0.0320			
						RPD = 6.92			
7 beta-BHC									
1	100	4.738	4.738	0.000	40119077	0.0337			
2	100	5.727	5.727	0.000	114456923	0.0317			
						RPD = 5.84			
11 delta-BHC									
1	100	4.956	4.956	0.000	89832656	0.0346			
2	100	6.292	6.292	0.000	258625325	0.0327			
						RPD = 5.81			
22 Heptachlor									
1	100	5.242	5.242	0.000	80415275	0.0330			
2	100	6.393	6.393	0.000	221543812	0.0310			
						RPD = 6.16			
4 Aldrin									
1	100	5.704	5.704	0.000	98028722	0.0330			
2	100	7.132	7.132	0.000	258865932	0.0315			
						RPD = 4.73			

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	82042491	0.0333			
2	100	8.605	8.605	0.000	216315262	0.0317			
						RPD = 4.98			
21 gamma-Chlordane									M
1	100	7.275	7.275	0.000	87163199	0.0330			M
2	100	9.025	9.025	0.000	217851877	0.0313			
						RPD = 5.37			
6 alpha-Chlordane									
1	100	7.623	7.623	0.000	89130833	0.0328			
2	100	9.333	9.333	0.000	218874761	0.0311			
						RPD = 5.47			
14 Endosulfan I									
1	100	7.897	7.897	0.000	77329168	0.0332			
2	100	9.396	9.396	0.000	182464534	0.0317			
						RPD = 4.70			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	92857771	0.0321			
2	100	9.787	9.787	0.000	216547038	0.0300			
						RPD = 6.55			
13 Dieldrin									
1	100	8.455	8.455	0.000	80570970	0.0332			
2	100	9.927	9.927	0.000	199025310	0.0315			
						RPD = 5.14			
17 Endrin									
1	100	8.908	8.908	0.000	73009910	0.0327			
2	100	10.444	10.444	0.000	180849286	0.0311			
						RPD = 5.05			
1 4,4'-DDD									
1	100	9.264	9.264	0.000	61180109	0.0341			
2	100	10.810	10.810	0.000	314814438	0.0321			
						RPD = 6.19			
15 Endosulfan II									
1	100	9.354	9.354	0.000	71552683	0.0337			
2	100	10.810	10.810	0.000	314814438	0.0321			
						RPD = 5.00			
3 4,4'-DDT									
1	100	9.780	9.780	0.000	46537278	0.0328			
2	100	11.292	11.292	0.000	103354364	0.0310			
						RPD = 5.42			
18 Endrin aldehyde									
1	100	10.141	10.141	0.000	51396638	0.0326			
2	100	11.383	11.383	0.000	118786875	0.0310			
						RPD = 5.01			
27 Methoxychlor									
1	100	10.722	10.722	0.000	22425764	0.0330			
2	100	12.365	12.365	0.000	51832358	0.0312			
						RPD = 5.64			

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	58790670	0.0340			
2	100	11.814	11.814	0.000	139239866	0.0323			
						RPD = 5.32			
19 Endrin ketone									
1	100	11.261	11.261	0.000	63622066	0.0336			
2	100	12.552	12.552	0.000	140321406	0.0320			
						RPD = 4.89			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	65816280	0.0319			
2	100	14.324	14.324	0.000	142344940	0.0301			
						RPD = 5.94			

QC Flag Legend

Review Flags
M - Manually Integrated

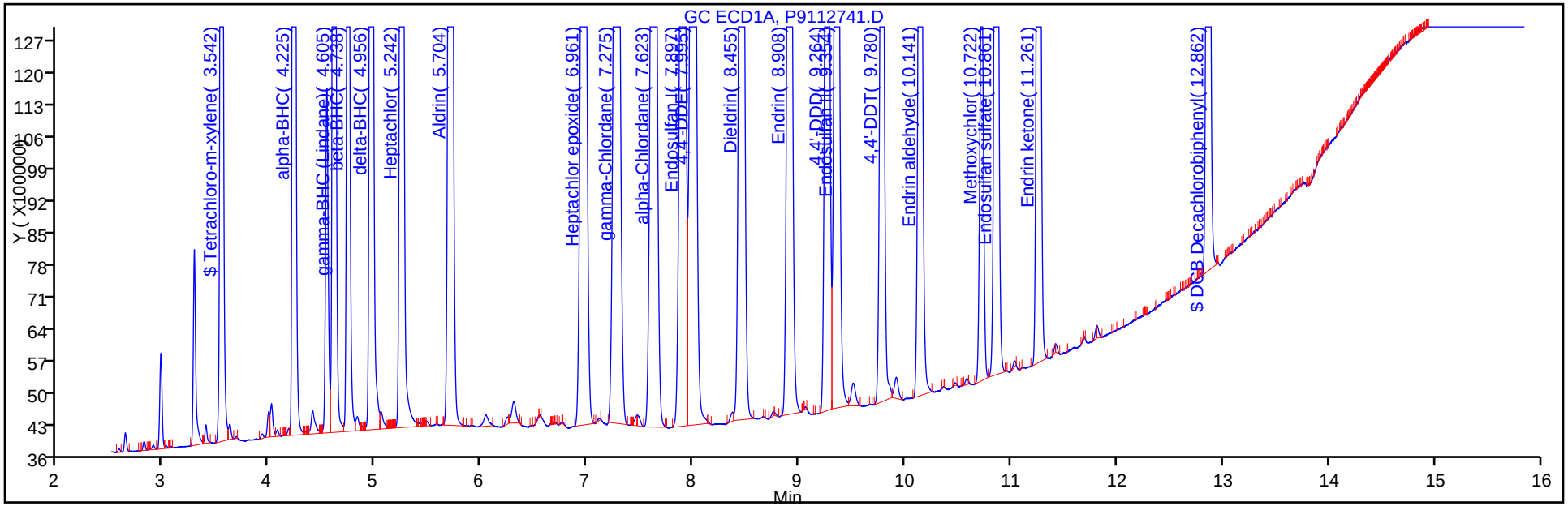
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TestAmerica Canton

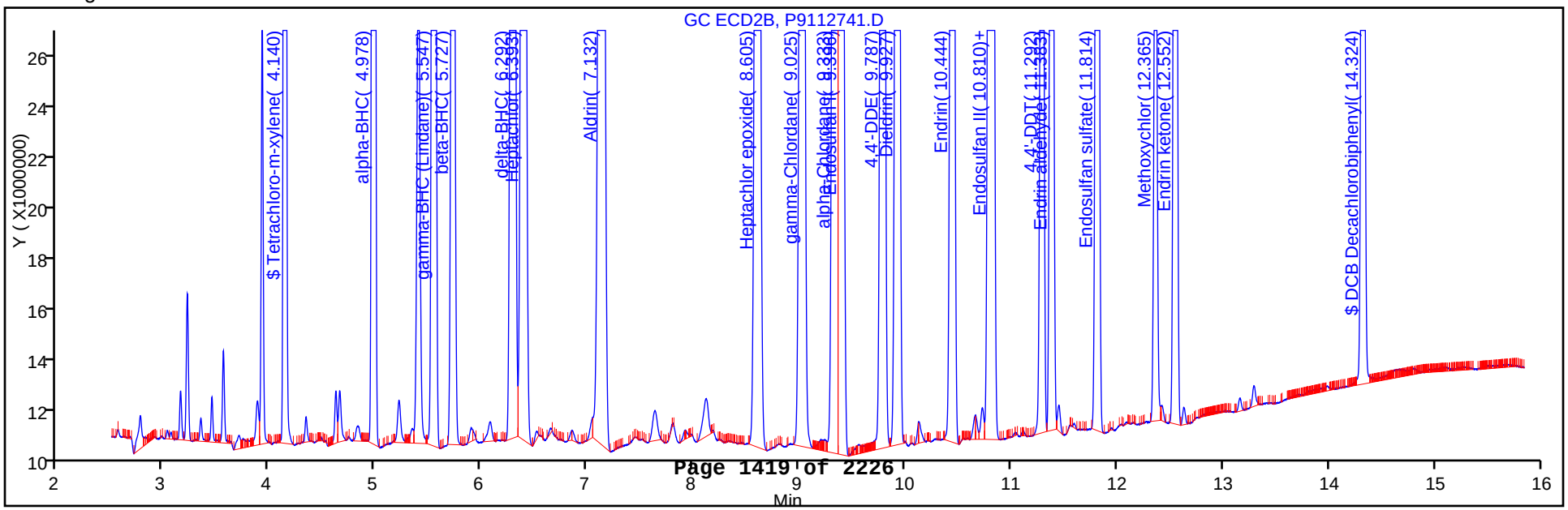
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Injection Date:	28-Nov-2012 20:15:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	41
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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.: 240-17467-1

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

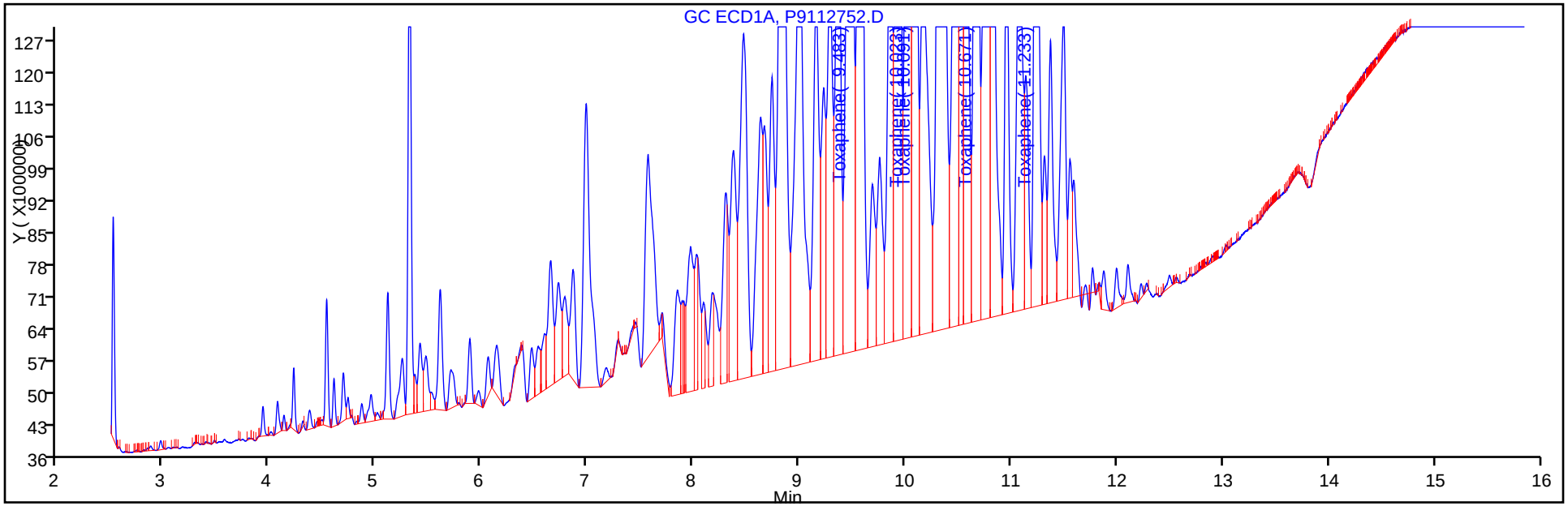
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TestAmerica Canton

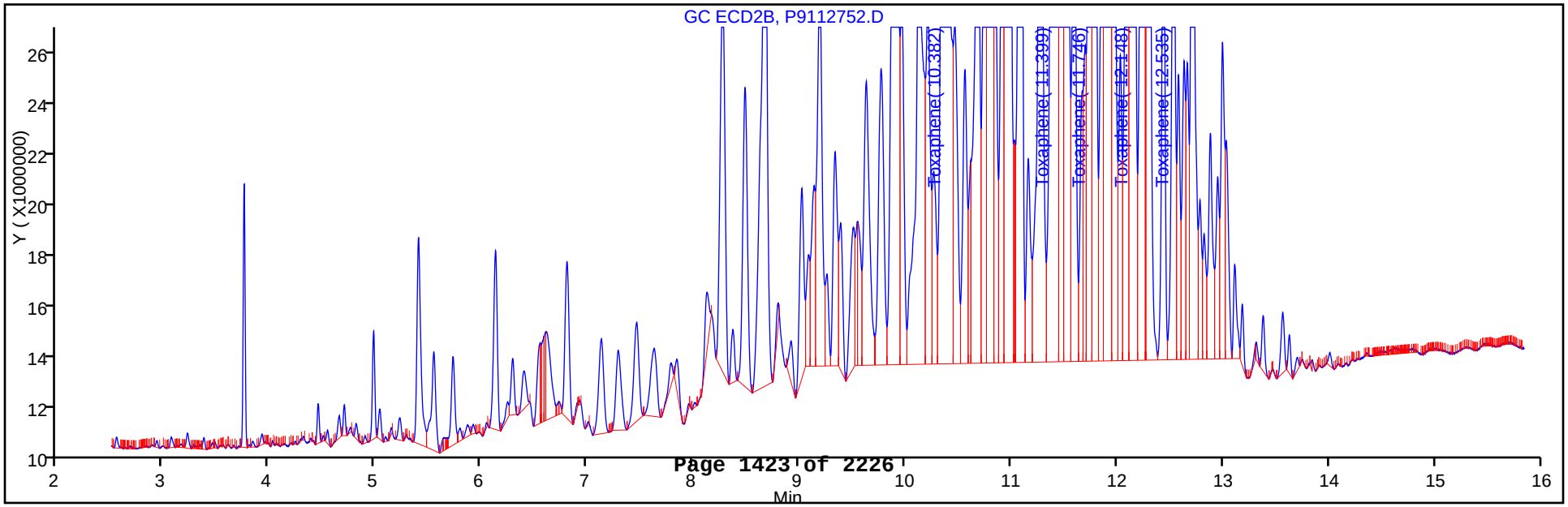
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Injection Date:	29-Nov-2012 01:13:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	52
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



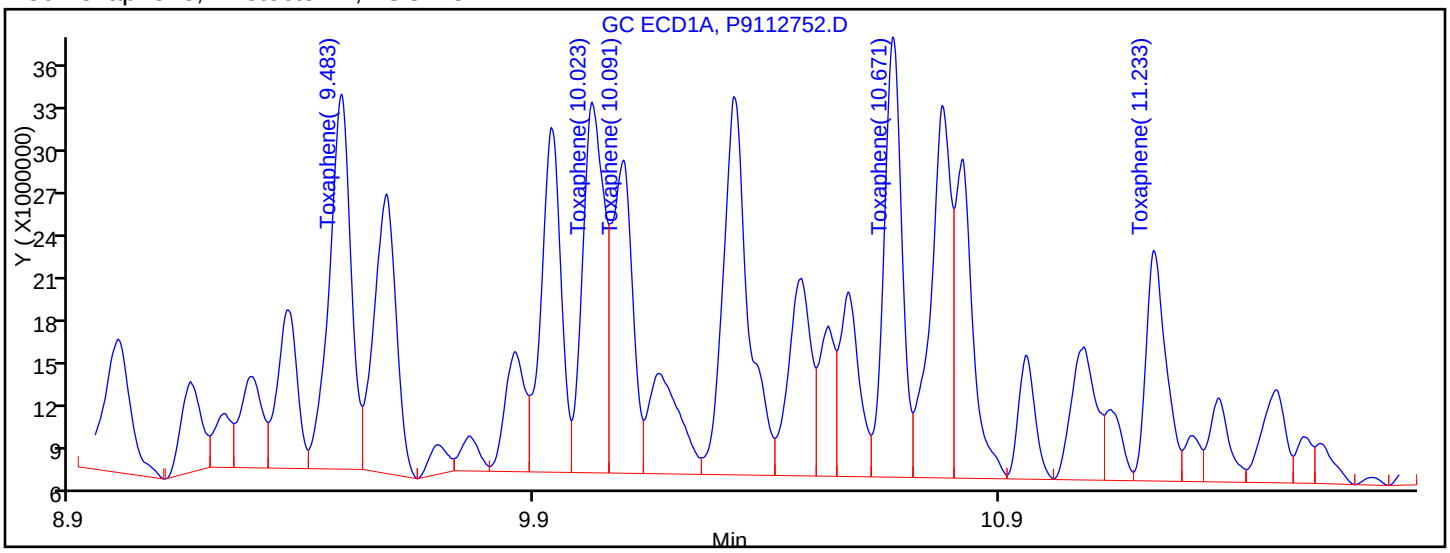
Report Date: 29-Nov-2012 11:21:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112752.D

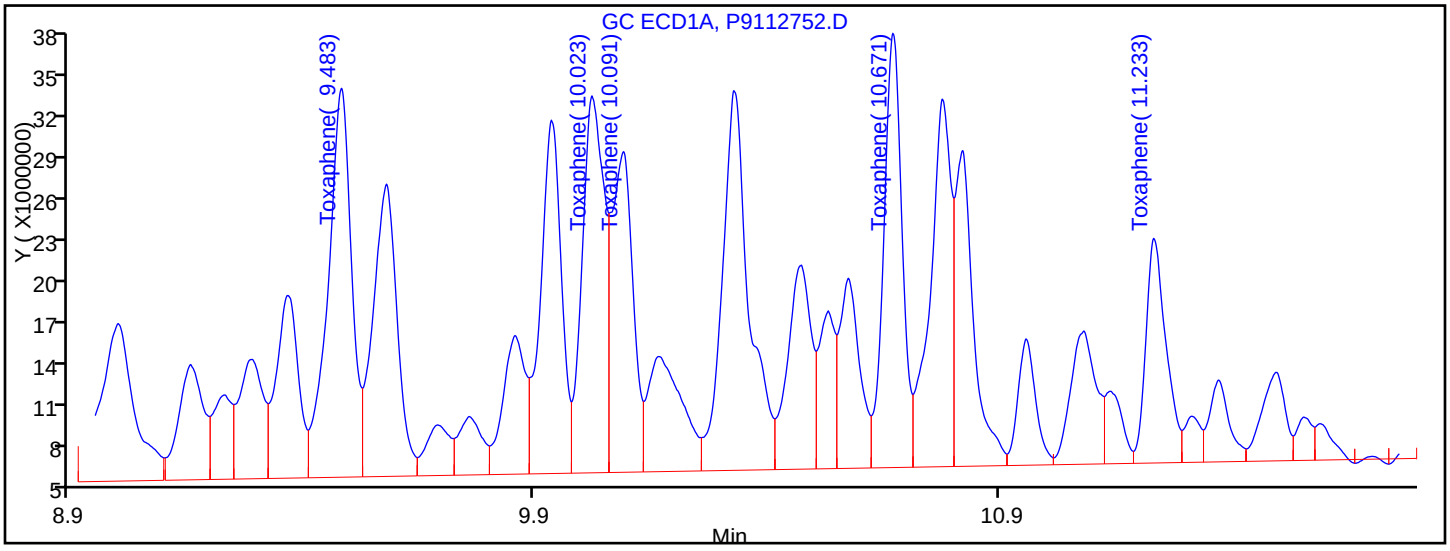
Injection Date:	29-Nov-2012 01:13:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	52
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

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.: 240-17467-1

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

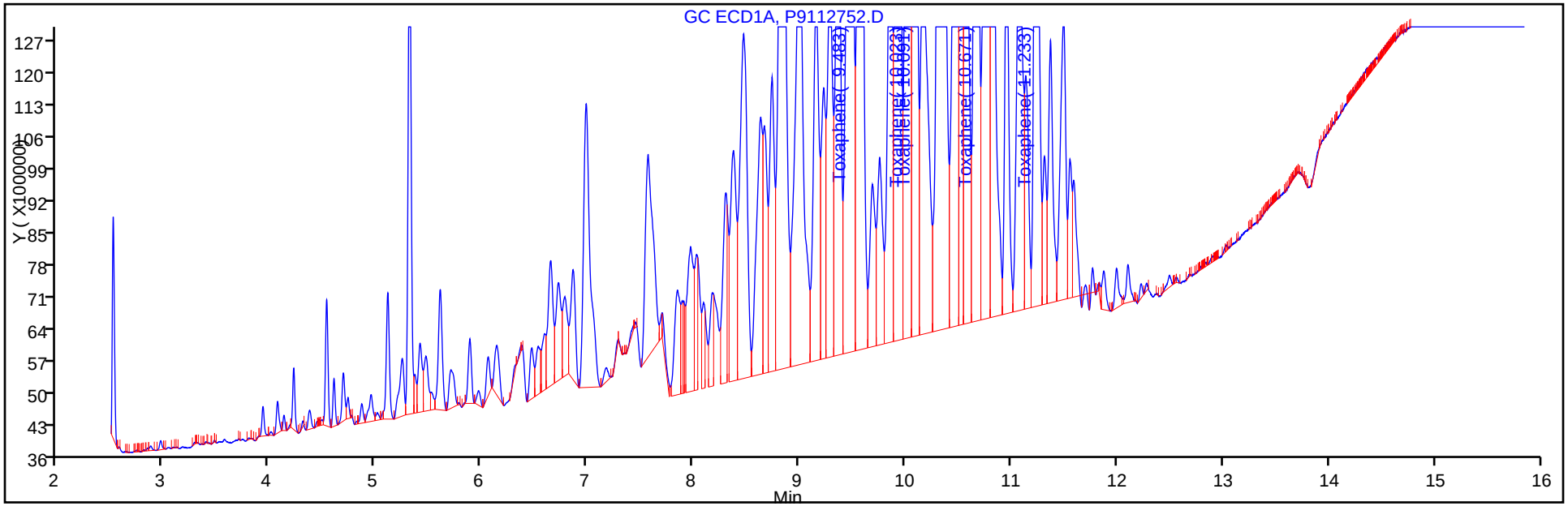
Report Date: 29-Nov-2012 11:21:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

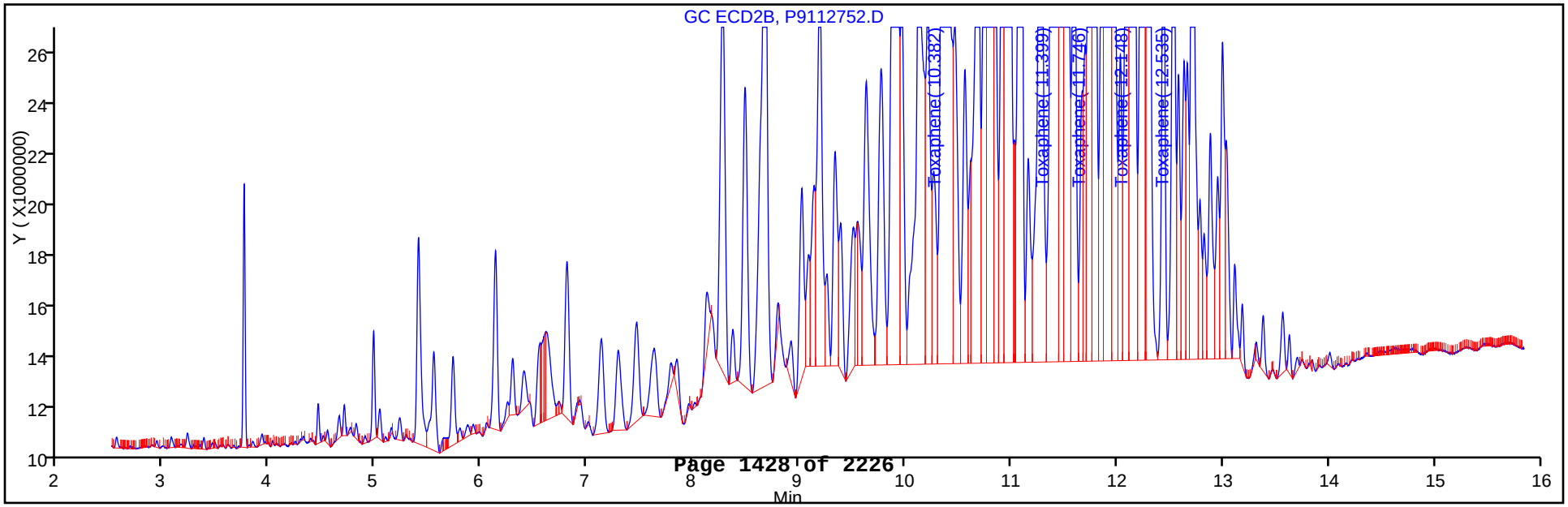
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112752.D

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 VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/53 Calibration Date: 11/29/2012 01:41

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: P9112753.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3168667215	4326674720		0.0341	0.0250	36.5*	20.0
gamma-BHC (Lindane)	Ave	2696239648	3554145160		0.0330	0.0250	31.8*	20.0
beta-BHC	Ave	1192117427	1577755240		0.0331	0.0250	32.3*	20.0
delta-BHC	Ave	2593377382	3583439800		0.0345	0.0250	38.2*	20.0
Heptachlor	Ave	2436929739	2953642960		0.0303	0.0250	21.2*	20.0
Aldrin	Ave	2967053625	3929403440		0.0331	0.0250	32.4*	20.0
Heptachlor epoxide	Ave	2465306798	3240314400		0.0329	0.0250	31.4*	20.0
gamma-Chlordane	Ave	2642311293	3467763880		0.0328	0.0250	31.2*	20.0
alpha-Chlordane	Ave	2713419924	3540959560		0.0326	0.0250	30.5*	20.0
Endosulfan I	Ave	2329014810	3011910000		0.0323	0.0250	29.3*	20.0
4,4'-DDE	Ave	2894548445	3663560040		0.0316	0.0250	26.6*	20.0
Dieldrin	Ave	2429335459	3185046240		0.0328	0.0250	31.1*	20.0
Endrin	Ave	2233310440	2771738240		0.0310	0.0250	24.1*	20.0
4,4'-DDD	Ave	1791905190	2339386640		0.0326	0.0250	30.6*	20.0
Endosulfan II	Ave	2120779171	2736200680		0.0323	0.0250	29.0*	20.0
4,4'-DDT	Ave	1420166233	1740584680		0.0306	0.0250	22.6*	20.0
Endrin aldehyde	Ave	1574397867	1911154480		0.0303	0.0250	21.4*	20.0
Methoxychlor	Ave	679722133	860390160		0.0316	0.0250	26.6*	20.0
Endosulfan sulfate	Ave	1727152069	2292034120		0.0332	0.0250	32.7*	20.0
Endrin ketone	Ave	1892819765	2369886000		0.0313	0.0250	25.2*	20.0
Tetrachloro-m-xylene	Ave	2415797538	2793206640		0.0289	0.0250	15.6	20.0
DCB Decachlorobiphenyl	Ave	2061793819	2432835160		0.0295	0.0250	18.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/53 Calibration Date: 11/29/2012 01:41

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: P9112753.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.22	4.19	4.25
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	5.67	5.73
Heptachlor epoxide	6.96	6.93	6.99
gamma-Chlordane	7.27	7.24	7.30
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	8.45	8.42	8.48
Endrin	8.91	8.88	8.94
4,4'-DDD	9.26	9.23	9.29
Endosulfan II	9.35	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
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\P9112753.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 29-Nov-2012 01:41:19 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-053
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 53
Lims Batch ID: 66500 Lims Sample ID: 53
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 11:21:59 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	3.540	0.000	69830166	0.0289			
2	100	4.141	4.141	0.000	197193810	0.0277			
						RPD = 4.10			
5 alpha-BHC									
1	100	4.224	4.224	0.000	108166868	0.0341			
2	100	4.978	4.978	0.000	321183782	0.0323			
						RPD = 5.49			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	88853629	0.0330			
2	100	5.547	5.547	0.000	257075898	0.0310			
						RPD = 6.12			
7 beta-BHC									
1	100	4.737	4.737	0.000	39443881	0.0331			
2	100	5.727	5.727	0.000	114141083	0.0317			
						RPD = 4.42			
11 delta-BHC									
1	100	4.956	4.956	0.000	89585995	0.0345			
2	100	6.292	6.292	0.000	260598953	0.0329			
						RPD = 4.77			
22 Heptachlor									
1	100	5.242	5.242	0.000	73841074	0.0303			
2	100	6.393	6.393	0.000	206156128	0.0289			
						RPD = 4.83			
4 Aldrin									
1	100	5.703	5.703	0.000	98235086	0.0331			
2	100	7.130	7.130	0.000	260600139	0.0317			
						RPD = 4.28			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.960	6.960	0.000	81007860	0.0329			
2	100	8.605	8.605	0.000	214449392	0.0314			
						RPD = 4.57			
21 gamma-Chlordane									
1	100	7.274	7.274	0.000	86694097	0.0328			
2	100	9.026	9.026	0.000	217450634	0.0312			
						RPD = 5.02			
6 alpha-Chlordane									
1	100	7.624	7.624	0.000	88523989	0.0326			
2	100	9.334	9.334	0.000	215409521	0.0306			
						RPD = 6.38			
14 Endosulfan I									
1	100	7.897	7.897	0.000	75297750	0.0323			
2	100	9.395	9.395	0.000	177780800	0.0309			
						RPD = 4.63			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	91589001	0.0316			
2	100	9.786	9.786	0.000	212797699	0.0295			
						RPD = 6.92			
13 Dieldrin									
1	100	8.453	8.453	0.000	79626156	0.0328			
2	100	9.926	9.926	0.000	195654966	0.0310			
						RPD = 5.67			
17 Endrin									
1	100	8.908	8.908	0.000	69293456	0.0310			
2	100	10.444	10.444	0.000	171258051	0.0294			
						RPD = 5.28			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	58484666	0.0326			
2	100	10.810	10.810	0.000	300953761	0.0307			
						RPD = 6.19			
15 Endosulfan II									
1	100	9.352	9.352	0.000	68405017	0.0323			
2	100	10.810	10.810	0.000	300953761	0.0307			
						RPD = 5.01			
3 4,4'-DDT									
1	100	9.779	9.779	0.000	43514617	0.0306			
2	100	11.292	11.292	0.000	98659271	0.0296			
						RPD = 3.35			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	47778862	0.0303			
2	100	11.382	11.382	0.000	111089949	0.0290			
						RPD = 4.41			
27 Methoxychlor									
1	100	10.723	10.723	0.000	21509754	0.0316			
2	100	12.365	12.365	0.000	47589433	0.0286			
						RPD = 10.00			

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	57300853	0.0332			
2	100	11.814	11.814	0.000	134469247	0.0312			
						RPD = 6.24			
19 Endrin ketone									
1	100	11.260	11.260	0.000	59247150	0.0313			
2	100	12.552	12.552	0.000	129638391	0.0296			
						RPD = 5.69			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	60820879	0.0295			
2	100	14.323	14.323	0.000	132484924	0.0280			
						RPD = 5.22			

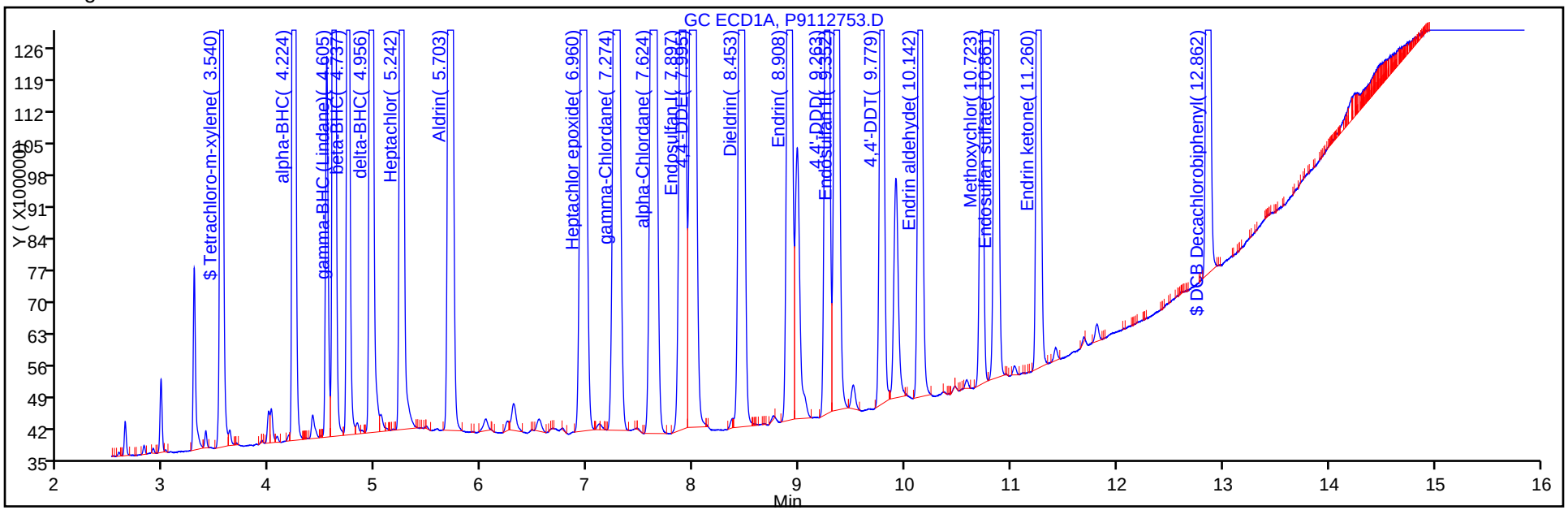
Report Date: 29-Nov-2012 11:21:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

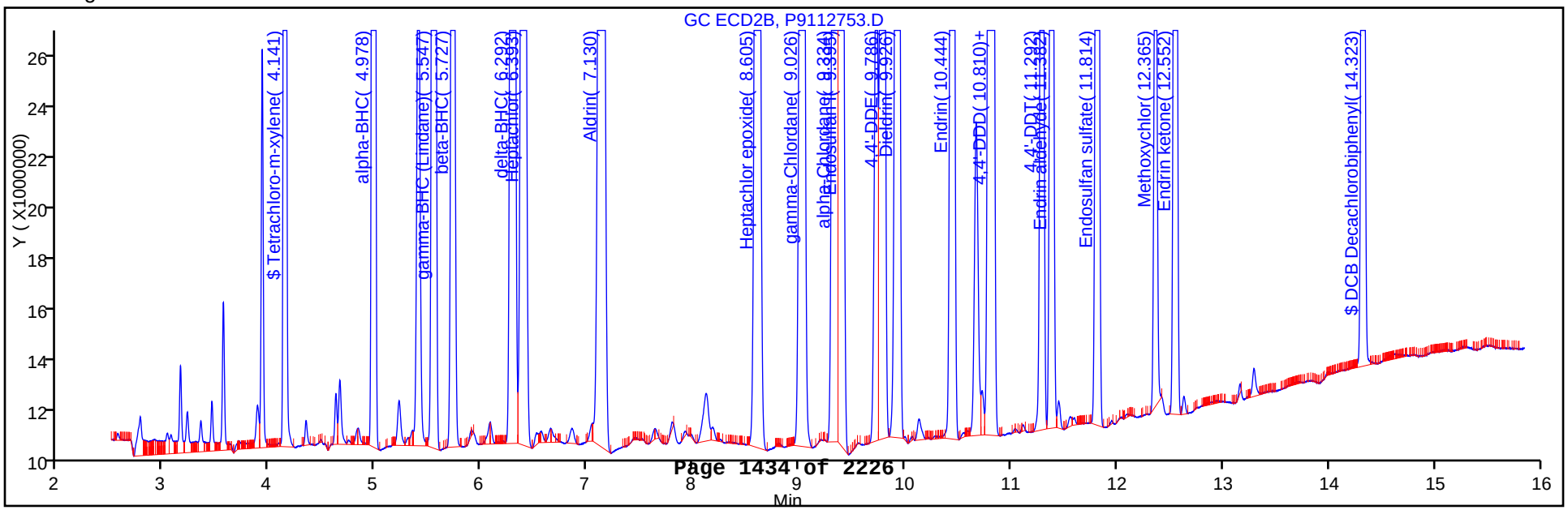
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Injection Date:	29-Nov-2012 01:41:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	53
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/53 Calibration Date: 11/29/2012 01:41

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: P9112753.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	9940089371	12847351280		0.0323	0.0250	29.2*	20.0
gamma-BHC (Lindane)	Ave	8293601368	10283035920		0.0310	0.0250	24.0*	20.0
beta-BHC	Ave	3605562217	4565643320		0.0317	0.0250	26.6*	20.0
delta-BHC	Ave	7912733268	10423958120		0.0329	0.0250	31.7*	20.0
Heptachlor	Ave	7140697065	8246245120		0.0289	0.0250	15.5	20.0
Aldrin	Ave	8215129958	10424005560		0.0317	0.0250	26.9*	20.0
Heptachlor epoxide	Ave	6831839093	8577975680		0.0314	0.0250	25.6*	20.0
gamma-Chlordane	Ave	6968754018	8698025360		0.0312	0.0250	24.8*	20.0
alpha-Chlordane	Ave	7037942515	8616380840		0.0306	0.0250	22.4*	20.0
Endosulfan I	Ave	5759774207	7111232000		0.0309	0.0250	23.5*	20.0
4,4'-DDE	Ave	7207034711	8511907960		0.0295	0.0250	18.1	20.0
Dieldrin	Ave	6317654321	7826198640		0.0310	0.0250	23.9*	20.0
Endrin	Ave	5818678867	6850322040		0.0294	0.0250	17.7	20.0
4,4'-DDD	Ave	9809607119	12038150440		0.0307	0.0250	22.7*	20.0
Endosulfan II	Ave	9809607119	12038150440		0.0307	0.0250	22.7*	20.0
4,4'-DDT	Ave	3329664076	3946370840		0.0296	0.0250	18.5	20.0
Endrin aldehyde	Ave	3825777334	4443597960		0.0290	0.0250	16.1	20.0
Endosulfan sulfate	Ave	4314206102	5378769880		0.0312	0.0250	24.7*	20.0
Methoxychlor	Ave	1662173652	1903577320		0.0286	0.0250	14.5	20.0
Endrin ketone	Ave	4384149523	5185535640		0.0296	0.0250	18.3	20.0
Tetrachloro-m-xylene	Ave	7107894572	7887752400		0.0277	0.0250	11.0	20.0
DCB Decachlorobiphenyl	Ave	4732054895	5299396960		0.0280	0.0250	12.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66500/53 Calibration Date: 11/29/2012 01:41

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: P9112753.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	9.33	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	10.44	10.41	10.47
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	11.81	11.78	11.84
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	14.32	14.29	14.35

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112753.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 29-Nov-2012 01:41:19 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015316-053
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 53
Lims Batch ID: 66500 Lims Sample ID: 53
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 11:21:59 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	3.540	0.000	69830166	0.0289			
2	100	4.141	4.141	0.000	197193810	0.0277			
						RPD = 4.10			
5 alpha-BHC									
1	100	4.224	4.224	0.000	108166868	0.0341			
2	100	4.978	4.978	0.000	321183782	0.0323			
						RPD = 5.49			
20 gamma-BHC (Lindane)									
1	100	4.605	4.605	0.000	88853629	0.0330			
2	100	5.547	5.547	0.000	257075898	0.0310			
						RPD = 6.12			
7 beta-BHC									
1	100	4.737	4.737	0.000	39443881	0.0331			
2	100	5.727	5.727	0.000	114141083	0.0317			
						RPD = 4.42			
11 delta-BHC									
1	100	4.956	4.956	0.000	89585995	0.0345			
2	100	6.292	6.292	0.000	260598953	0.0329			
						RPD = 4.77			
22 Heptachlor									
1	100	5.242	5.242	0.000	73841074	0.0303			
2	100	6.393	6.393	0.000	206156128	0.0289			
						RPD = 4.83			
4 Aldrin									
1	100	5.703	5.703	0.000	98235086	0.0331			
2	100	7.130	7.130	0.000	260600139	0.0317			
						RPD = 4.28			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.960	6.960	0.000	81007860	0.0329			
2	100	8.605	8.605	0.000	214449392	0.0314			
						RPD = 4.57			
21 gamma-Chlordane									
1	100	7.274	7.274	0.000	86694097	0.0328			
2	100	9.026	9.026	0.000	217450634	0.0312			
						RPD = 5.02			
6 alpha-Chlordane									
1	100	7.624	7.624	0.000	88523989	0.0326			
2	100	9.334	9.334	0.000	215409521	0.0306			
						RPD = 6.38			
14 Endosulfan I									
1	100	7.897	7.897	0.000	75297750	0.0323			
2	100	9.395	9.395	0.000	177780800	0.0309			
						RPD = 4.63			
2 4,4'-DDE									
1	100	7.995	7.995	0.000	91589001	0.0316			
2	100	9.786	9.786	0.000	212797699	0.0295			
						RPD = 6.92			
13 Dieldrin									
1	100	8.453	8.453	0.000	79626156	0.0328			
2	100	9.926	9.926	0.000	195654966	0.0310			
						RPD = 5.67			
17 Endrin									
1	100	8.908	8.908	0.000	69293456	0.0310			
2	100	10.444	10.444	0.000	171258051	0.0294			
						RPD = 5.28			
1 4,4'-DDD									
1	100	9.263	9.263	0.000	58484666	0.0326			
2	100	10.810	10.810	0.000	300953761	0.0307			
						RPD = 6.19			
15 Endosulfan II									
1	100	9.352	9.352	0.000	68405017	0.0323			
2	100	10.810	10.810	0.000	300953761	0.0307			
						RPD = 5.01			
3 4,4'-DDT									
1	100	9.779	9.779	0.000	43514617	0.0306			
2	100	11.292	11.292	0.000	98659271	0.0296			
						RPD = 3.35			
18 Endrin aldehyde									
1	100	10.142	10.142	0.000	47778862	0.0303			
2	100	11.382	11.382	0.000	111089949	0.0290			
						RPD = 4.41			
27 Methoxychlor									
1	100	10.723	10.723	0.000	21509754	0.0316			
2	100	12.365	12.365	0.000	47589433	0.0286			
						RPD = 10.00			

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	57300853	0.0332			
2	100	11.814	11.814	0.000	134469247	0.0312			
						RPD = 6.24			
19 Endrin ketone									
1	100	11.260	11.260	0.000	59247150	0.0313			
2	100	12.552	12.552	0.000	129638391	0.0296			
						RPD = 5.69			
$ 10 DCB Decachlorobiphenyl									
1	100	12.862	12.862	0.000	60820879	0.0295			
2	100	14.323	14.323	0.000	132484924	0.0280			
						RPD = 5.22			

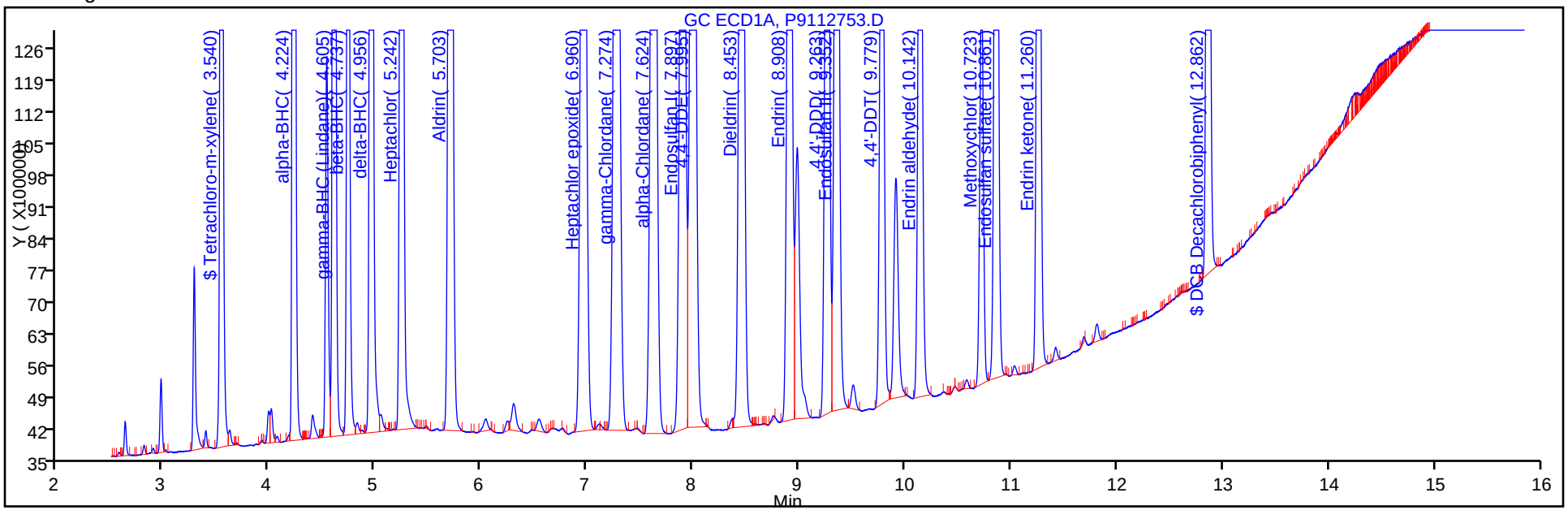
Report Date: 29-Nov-2012 11:22:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

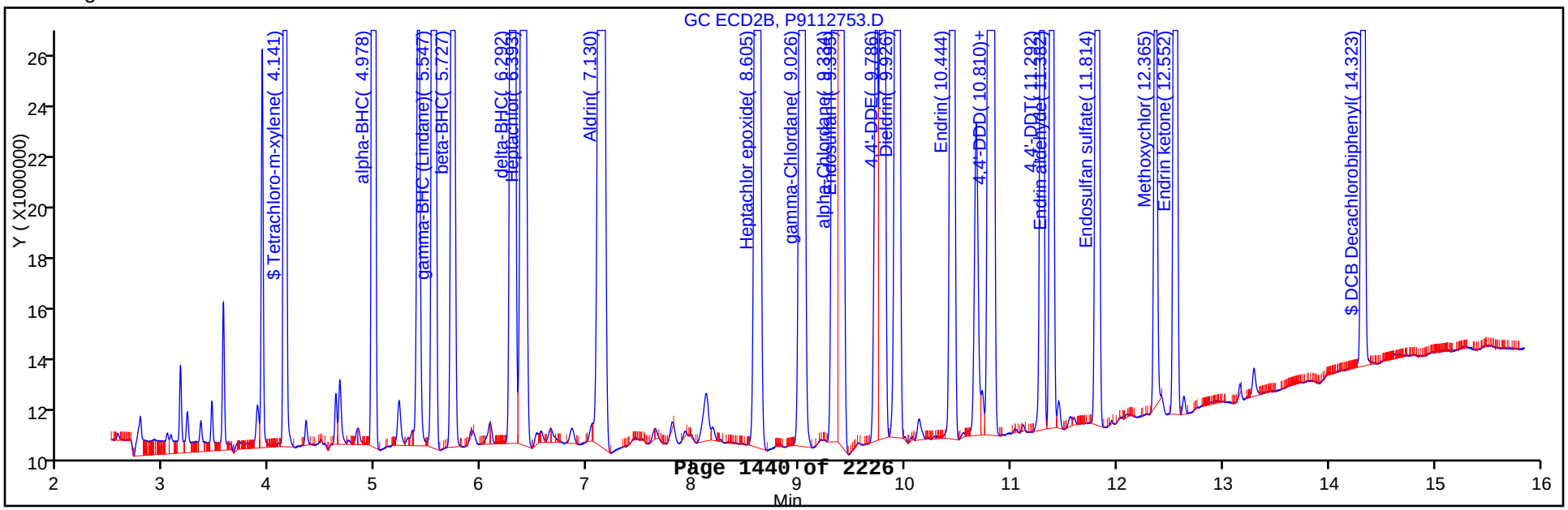
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112753.D

Injection Date:	29-Nov-2012 01:41:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	53
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.: 240-17467-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65759/17-A

Matrix: Solid Lab File ID: P9112751.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.00(g) Date Analyzed: 11/29/2012 00:47

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	92		55-130
877-09-8	Tetrachloro-m-xylene	86		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112751.D		
Lims ID:	MB 240-65759/17-A	Client ID:	
Inject. Date:	29-Nov-2012 00:47:38	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015316-051		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	51
Lims Batch ID:	66500	Lims Sample ID:	51
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m		
Last Update:	29-Nov-2012 11:21:47	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 11:10:06

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	41360468	0.0171			
2	100	4.141	4.140	0.001	122778245	0.0173			
						RPD = 0.89			
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		4.738						
2	100		5.727						
11 delta-BHC									
1	100		4.956						
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		5.242						
2	100		6.393						
4 Aldrin									
1	100		5.704						
2	100		7.132						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.605						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.025						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.333						
14 Endosulfan I									
1	100		7.897						
2	100		9.396						
2 4,4'-DDE									
1	100		7.995						
2	100		9.787						
13 Dieldrin									
1	100		8.455						
2	100		9.927						
17 Endrin									1
1	100		8.908						
2	100		10.444						
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						
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		9.354						
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		9.780						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.141						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.722						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.861						
2	100		11.814						
19 Endrin ketone									
1	100		11.261						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.859	12.862	-0.003	37843459	0.0184			
2	100	14.323	14.324	-0.001	83499944	0.0176			
						RPD = 3.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

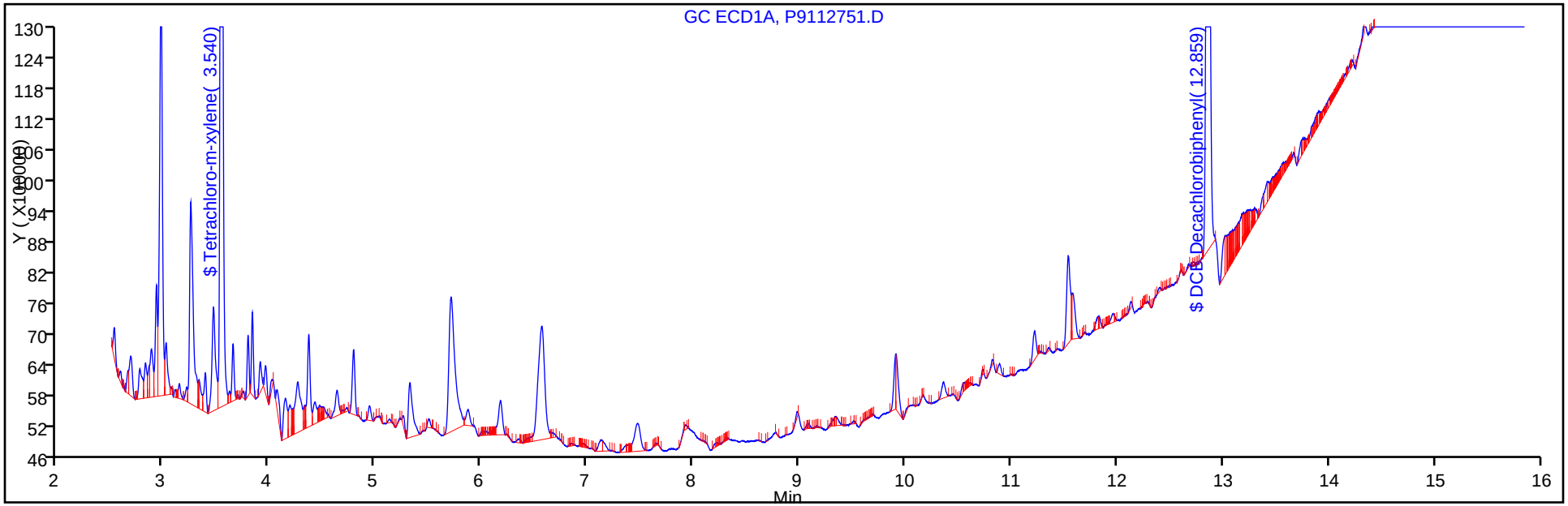
Report Date: 29-Nov-2012 11:21:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

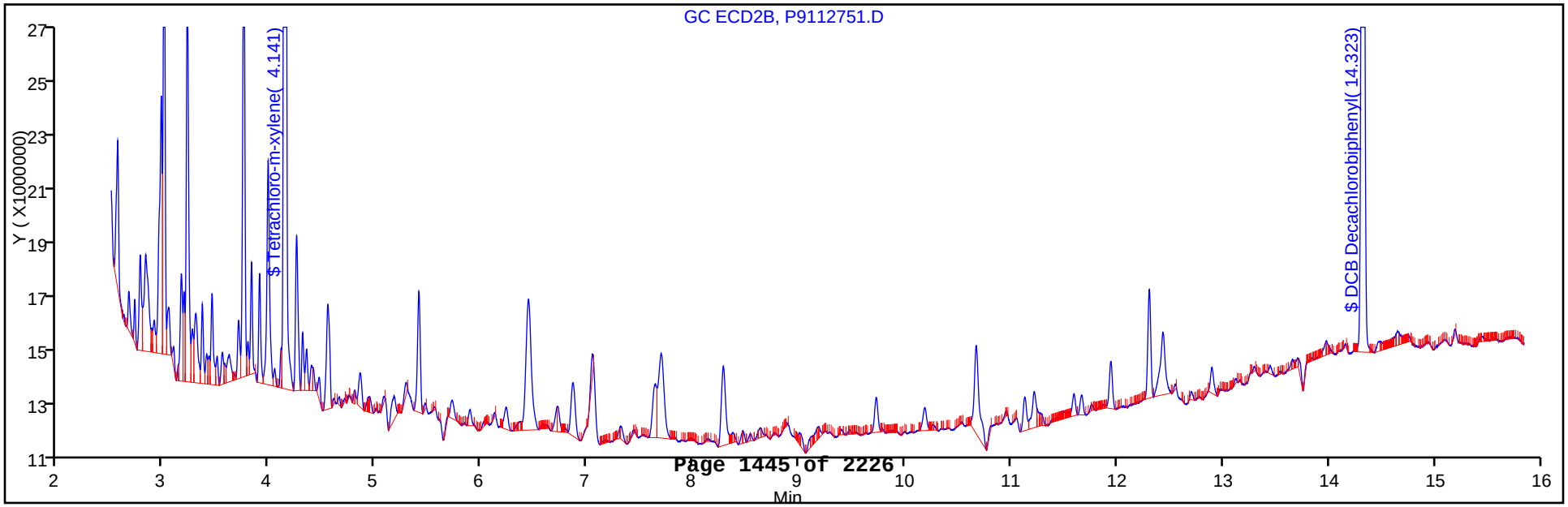
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112751.D

Injection Date:	29-Nov-2012 00:47:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	51
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65759/17-A

Matrix: Solid | Lab File ID: P9112751.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 00:47

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	88		55-130
877-09-8	Tetrachloro-m-xylene	86		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112751.D
Lims ID: MB 240-65759/17-A
Client ID:
Inject. Date: 29-Nov-2012 00:47:38
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015316-051
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 51
Lims Batch ID: 66500
Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\PEST9.m
Last Update: 29-Nov-2012 11:21:47
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 11:10:06

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	41360468	0.0171			
2	100	4.141	4.140	0.001	122778245	0.0173			
						RPD = 0.89			
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		4.738						
2	100		5.727						
11 delta-BHC									
1	100		4.956						
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		5.242						
2	100		6.393						
4 Aldrin									
1	100		5.704						
2	100		7.132						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.605						
21 gamma-Chlordane									
1	100		7.275						
2	100		9.025						
6 alpha-Chlordane									
1	100		7.623						
2	100		9.333						
14 Endosulfan I									
1	100		7.897						
2	100		9.396						
2 4,4'-DDE									
1	100		7.995						
2	100		9.787						
13 Dieldrin									
1	100		8.455						
2	100		9.927						
17 Endrin									1
1	100		8.908						
2	100		10.444						
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						
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		9.354						
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		9.780						
2	100		11.292						
18 Endrin aldehyde									
1	100		10.141						
2	100		11.383						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.722						
2	100		12.365						
16 Endosulfan sulfate									
1	100		10.861						
2	100		11.814						
19 Endrin ketone									
1	100		11.261						
2	100		12.552						
$ 10 DCB Decachlorobiphenyl									
1	100	12.859	12.862	-0.003	37843459	0.0184			
2	100	14.323	14.324	-0.001	83499944	0.0176			
						RPD = 3.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

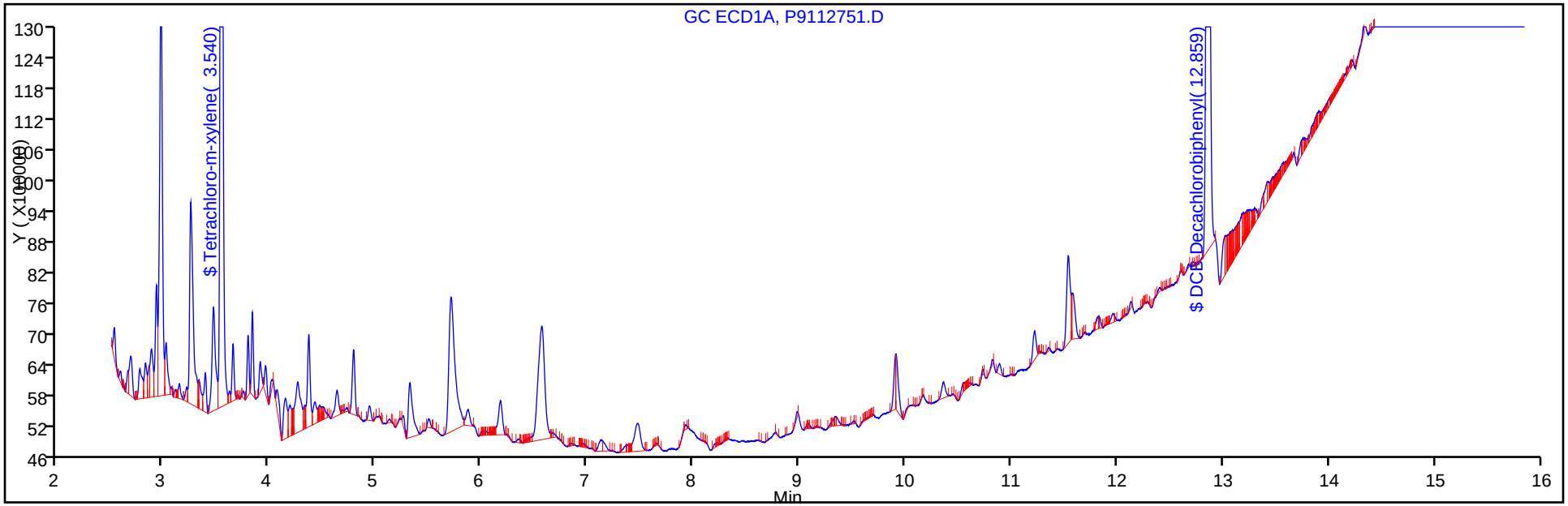
Report Date: 29-Nov-2012 11:21:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

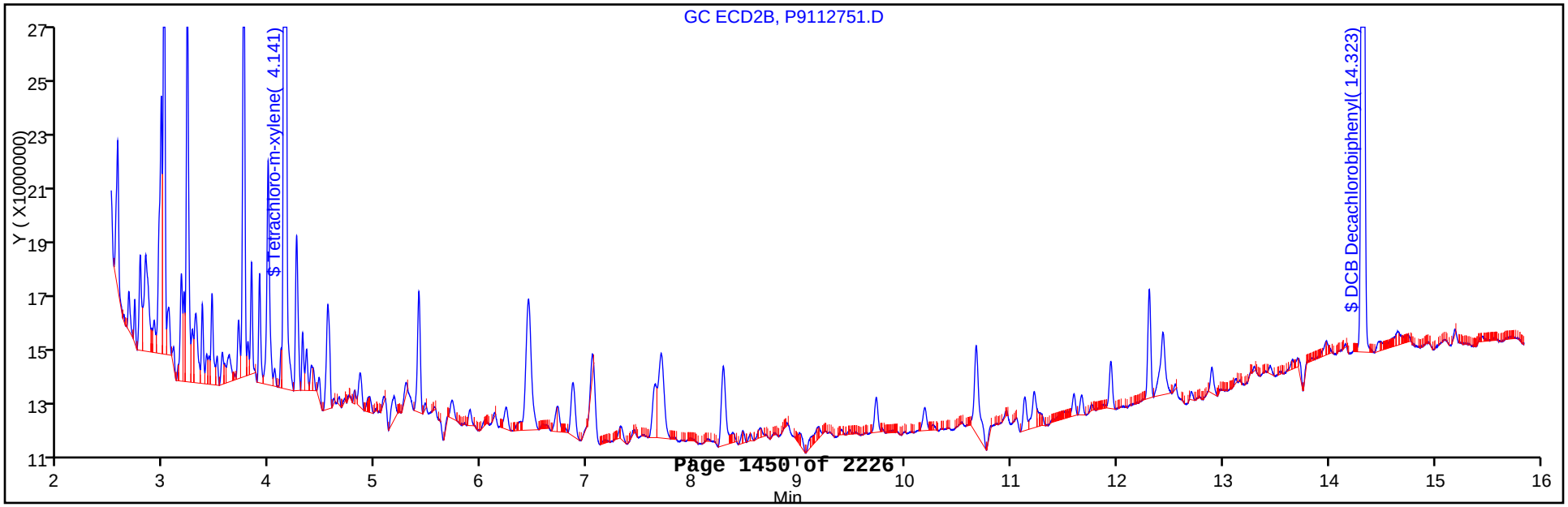
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112751.D

Injection Date:	29-Nov-2012 00:47:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	51
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65759/18-A

Matrix: Solid | Lab File ID: P9112731.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.00(g) | Date Analyzed: 11/28/2012 15:36

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	35.3		2.0	0.67	0.62
33213-65-9	Endosulfan II	28.4		2.5	1.3	0.82

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		55-130
877-09-8	Tetrachloro-m-xylene	85		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112731.D
Lims ID: LCS 240-65759/18-A Client ID:
Inject. Date: 28-Nov-2012 15:36:12 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015316-031
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 66500 Lims Sample ID: 31
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	3.544	3.542	0.002	41028369	0.0170			
2	100	4.142	4.141	0.001	115395114	0.0162			
						RPD = 4.51			
5 alpha-BHC									
1	100	4.227	4.226	0.001	342811162	0.1082			
2	100	4.980	4.979	0.001	1080982441	0.1087			
						RPD = 0.52			
20 gamma-BHC (Lindane)									
1	100	4.607	4.606	0.001	290349045	0.1077			
2	100	5.549	5.548	0.001	840040880	0.1013			
						RPD = 6.12			
7 beta-BHC									
1	100	4.739	4.739	0.000	120505798	0.1011			
2	100	5.729	5.728	0.001	361343251	0.1002			
						RPD = 0.86			
11 delta-BHC									
1	100	4.958	4.957	0.001	302329469	0.1166			
2	100	6.294	6.292	0.002	956780306	0.1209			
						RPD = 3.65			
22 Heptachlor									
1	100	5.245	5.244	0.001	229667927	0.0942			
2	100	6.394	6.394	0.000	628848522	0.0881			
						RPD = 6.78			
4 Aldrin									
1	100	5.705	5.705	0.000	303559222	0.1023			
2	100	7.132	7.131	0.001	842579391	0.1026			
						RPD = 0.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.963	6.961	0.002	273050316	0.1108			
2	100	8.604	8.606	-0.002	709410091	0.1038			
						RPD = 6.45			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	278149828	0.1053			
2	100	9.027	9.026	0.001	692546118	0.0994			
						RPD = 5.76			
6 alpha-Chlordane									
1	100	7.625	7.624	0.001	272910172	0.1006			
2	100	9.334	9.336	-0.002	704352854	0.1001			
						RPD = 0.50			
14 Endosulfan I									
1	100	7.898	7.898	0.000	189026452	0.0812			
2	100	9.397	9.396	0.001	436874591	0.0758			
						RPD = 6.77			
2 4,4'-DDE									
1	100	7.997	7.997	0.000	290785094	0.1005			
2	100	9.788	9.788	0.000	723731085	0.1004			
						RPD = 0.04			
13 Dieldrin									
1	100	8.457	8.458	-0.001	264717054	0.1090			
2	100	9.927	9.927	0.000	665465343	0.1053			
						RPD = 3.39			
17 Endrin									
1	100	8.909	8.909	0.000	223931037	0.1003			
2	100	10.445	10.446	-0.001	558169523	0.0959			
						RPD = 4.43			
1 4,4'-DDD									
1	100	9.265	9.264	0.001	189726217	0.1059			
2	100	10.807	10.810	-0.003	904333203	0.0922			
						RPD = 13.82			
15 Endosulfan II									
1	100	9.354	9.355	-0.001	180987809	0.0853			
2	100	10.807	10.810	-0.003	904333203	0.0922			
						RPD = 7.72			
3 4,4'-DDT									
1	100	9.780	9.781	-0.001	155957667	0.1098			
2	100	11.293	11.293	0.000	362215278	0.1088			
						RPD = 0.94			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	165744818	0.1053			
2	100	11.384	11.385	-0.001	384615638	0.1005			
						RPD = 4.61			
27 Methoxychlor									
1	100	10.723	10.723	0.000	73538120	0.1082			
2	100	12.366	12.366	0.000	163782725	0.0985			
						RPD = 9.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.862	10.861	0.001	197703428	0.1145			
2	100	11.815	11.816	-0.001	481559737	0.1116			
						RPD = 2.52			
19 Endrin ketone									
1	100	11.261	11.260	0.001	188994880	0.0998			
2	100	12.553	12.552	0.001	425178505	0.0970			
						RPD = 2.91			
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.863	0.000	39962325	0.0194			
2	100	14.324	14.325	-0.001	87451866	0.0185			
						RPD = 4.76			

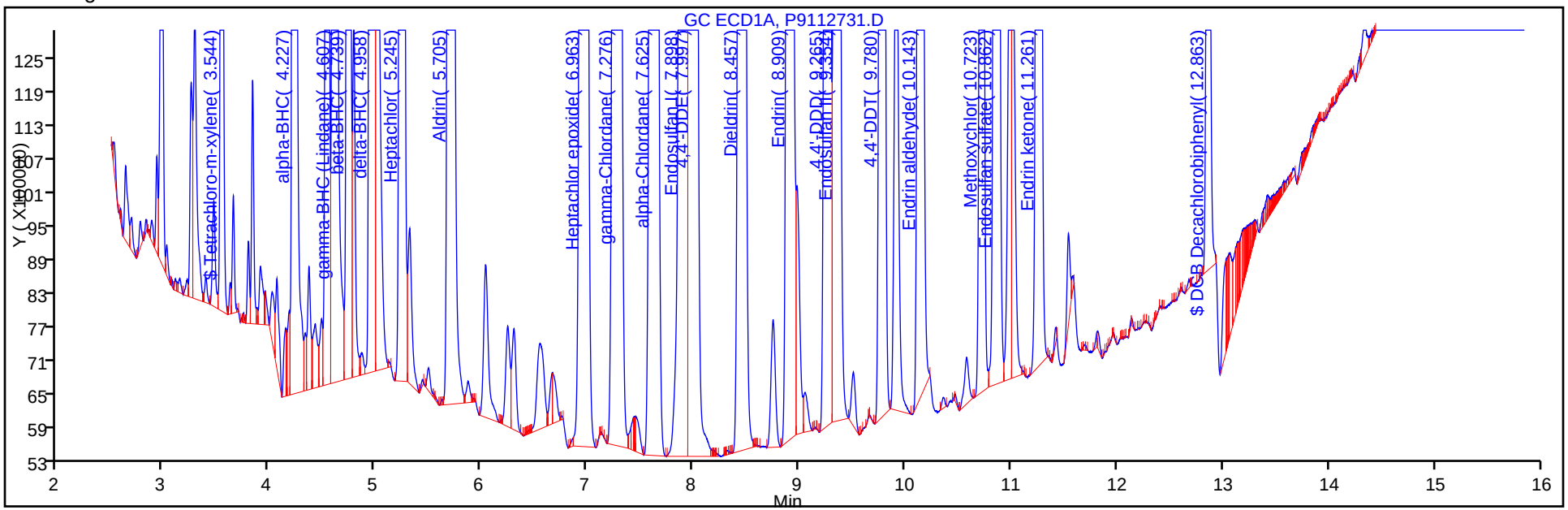
Report Date: 29-Nov-2012 11:21:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

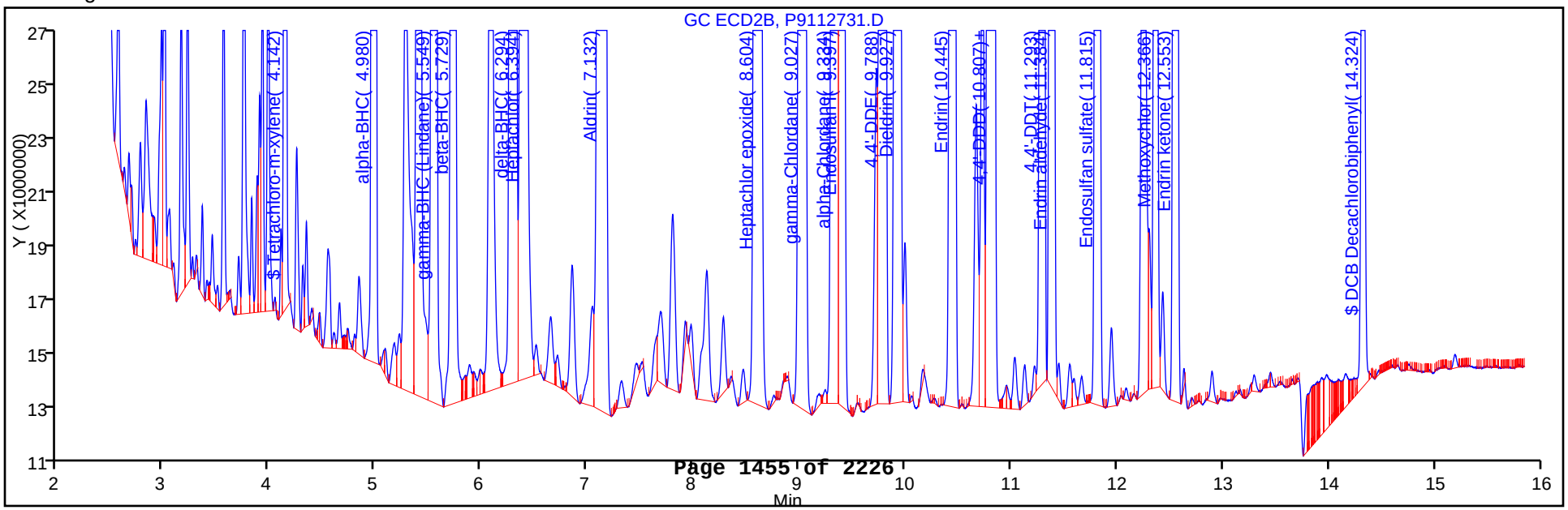
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112731.D

Injection Date:	28-Nov-2012 15:36:12	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	31
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65759/18-A

Matrix: Solid | Lab File ID: P9112731.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.00(g) | Date Analyzed: 11/28/2012 15:36

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	33.5		1.7	0.67	0.39
50-29-3	4,4'-DDT	36.3		2.0	0.67	0.63
309-00-2	Aldrin	34.2		4.0	1.3	1.2
319-84-6	alpha-BHC	36.2		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	33.4		3.0	1.3	0.94
319-85-7	beta-BHC	33.4		3.5	1.3	1.1
319-86-8	delta-BHC	40.3		4.0	1.3	1.2
60-57-1	Dieldrin	35.1		1.7	0.67	0.47
959-98-8	Endosulfan I	25.3		1.7	0.67	0.52
1031-07-8	Endosulfan sulfate	37.2		3.0	1.3	0.87
72-20-8	Endrin	32.0		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	33.5		3.0	1.3	1.0
53494-70-5	Endrin ketone	32.3		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	33.8		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	33.1		1.7	0.67	0.42
76-44-8	Heptachlor	29.4		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	34.6		2.5	1.3	0.80
72-43-5	Methoxychlor	32.8		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		55-130
877-09-8	Tetrachloro-m-xylene	81		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112731.D
Lims ID: LCS 240-65759/18-A Client ID:
Inject. Date: 28-Nov-2012 15:36:12 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015316-031
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 66500 Lims Sample ID: 31
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	3.544	3.542	0.002	41028369	0.0170			
2	100	4.142	4.141	0.001	115395114	0.0162			
						RPD = 4.51			
5 alpha-BHC									
1	100	4.227	4.226	0.001	342811162	0.1082			
2	100	4.980	4.979	0.001	1080982441	0.1087			
						RPD = 0.52			
20 gamma-BHC (Lindane)									
1	100	4.607	4.606	0.001	290349045	0.1077			
2	100	5.549	5.548	0.001	840040880	0.1013			
						RPD = 6.12			
7 beta-BHC									
1	100	4.739	4.739	0.000	120505798	0.1011			
2	100	5.729	5.728	0.001	361343251	0.1002			
						RPD = 0.86			
11 delta-BHC									
1	100	4.958	4.957	0.001	302329469	0.1166			
2	100	6.294	6.292	0.002	956780306	0.1209			
						RPD = 3.65			
22 Heptachlor									
1	100	5.245	5.244	0.001	229667927	0.0942			
2	100	6.394	6.394	0.000	628848522	0.0881			
						RPD = 6.78			
4 Aldrin									
1	100	5.705	5.705	0.000	303559222	0.1023			
2	100	7.132	7.131	0.001	842579391	0.1026			
						RPD = 0.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.963	6.961	0.002	273050316	0.1108			
2	100	8.604	8.606	-0.002	709410091	0.1038			
						RPD = 6.45			
21 gamma-Chlordane									
1	100	7.276	7.275	0.001	278149828	0.1053			
2	100	9.027	9.026	0.001	692546118	0.0994			
						RPD = 5.76			
6 alpha-Chlordane									
1	100	7.625	7.624	0.001	272910172	0.1006			
2	100	9.334	9.336	-0.002	704352854	0.1001			
						RPD = 0.50			
14 Endosulfan I									
1	100	7.898	7.898	0.000	189026452	0.0812			
2	100	9.397	9.396	0.001	436874591	0.0758			
						RPD = 6.77			
2 4,4'-DDE									
1	100	7.997	7.997	0.000	290785094	0.1005			
2	100	9.788	9.788	0.000	723731085	0.1004			
						RPD = 0.04			
13 Dieldrin									
1	100	8.457	8.458	-0.001	264717054	0.1090			
2	100	9.927	9.927	0.000	665465343	0.1053			
						RPD = 3.39			
17 Endrin									
1	100	8.909	8.909	0.000	223931037	0.1003			
2	100	10.445	10.446	-0.001	558169523	0.0959			
						RPD = 4.43			
1 4,4'-DDD									
1	100	9.265	9.264	0.001	189726217	0.1059			
2	100	10.807	10.810	-0.003	904333203	0.0922			
						RPD = 13.82			
15 Endosulfan II									
1	100	9.354	9.355	-0.001	180987809	0.0853			
2	100	10.807	10.810	-0.003	904333203	0.0922			
						RPD = 7.72			
3 4,4'-DDT									
1	100	9.780	9.781	-0.001	155957667	0.1098			
2	100	11.293	11.293	0.000	362215278	0.1088			
						RPD = 0.94			
18 Endrin aldehyde									
1	100	10.143	10.142	0.001	165744818	0.1053			
2	100	11.384	11.385	-0.001	384615638	0.1005			
						RPD = 4.61			
27 Methoxychlor									
1	100	10.723	10.723	0.000	73538120	0.1082			
2	100	12.366	12.366	0.000	163782725	0.0985			
						RPD = 9.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.862	10.861	0.001	197703428	0.1145			
2	100	11.815	11.816	-0.001	481559737	0.1116			
						RPD = 2.52			
19 Endrin ketone									
1	100	11.261	11.260	0.001	188994880	0.0998			
2	100	12.553	12.552	0.001	425178505	0.0970			
						RPD = 2.91			
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.863	0.000	39962325	0.0194			
2	100	14.324	14.325	-0.001	87451866	0.0185			
						RPD = 4.76			

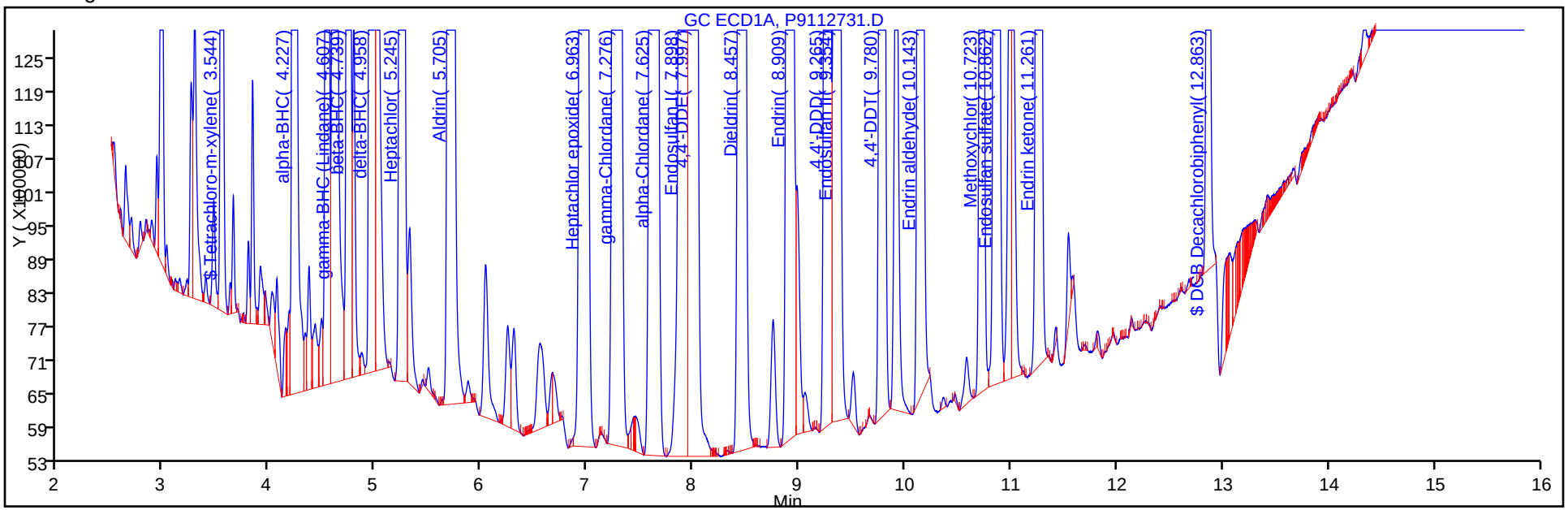
Report Date: 29-Nov-2012 11:21:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

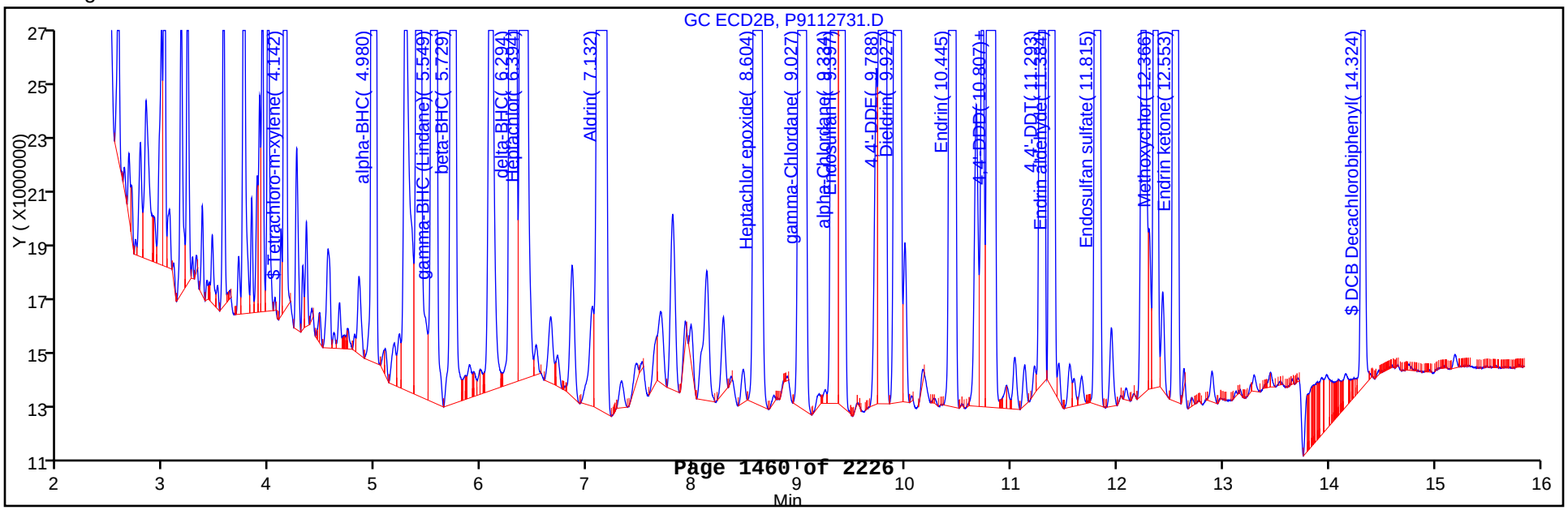
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112731.D

Injection Date:	28-Nov-2012 15:36:12	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	31
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.: 240-17467-1

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

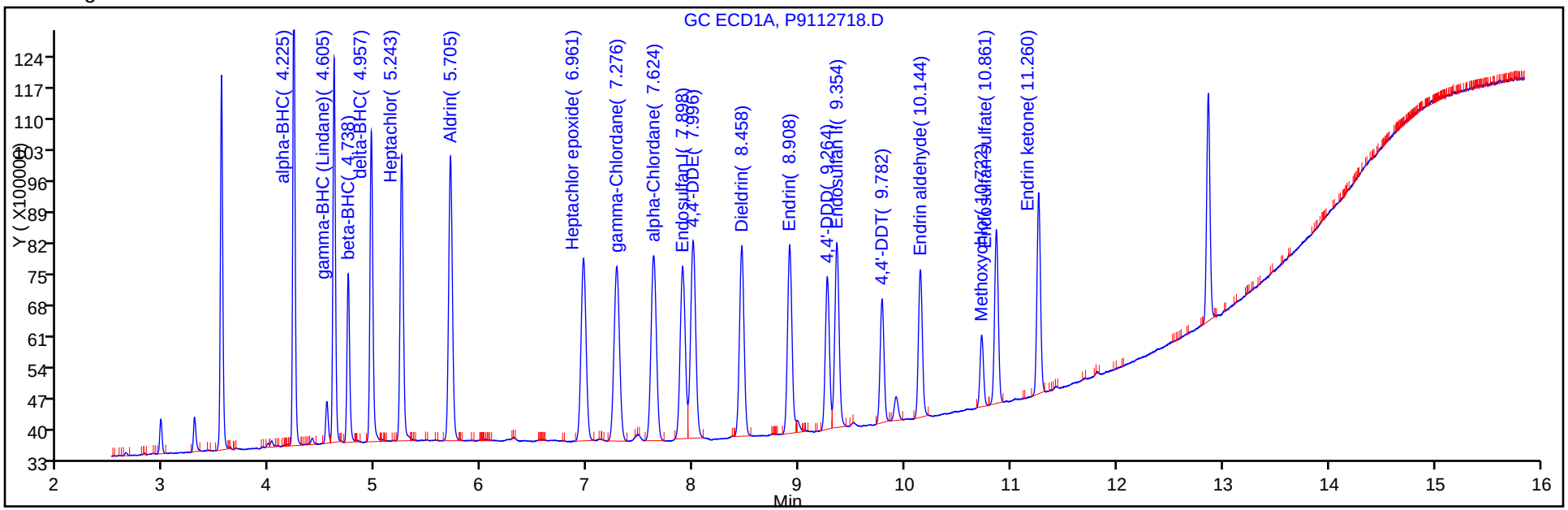
Report Date: 29-Nov-2012 11:21:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

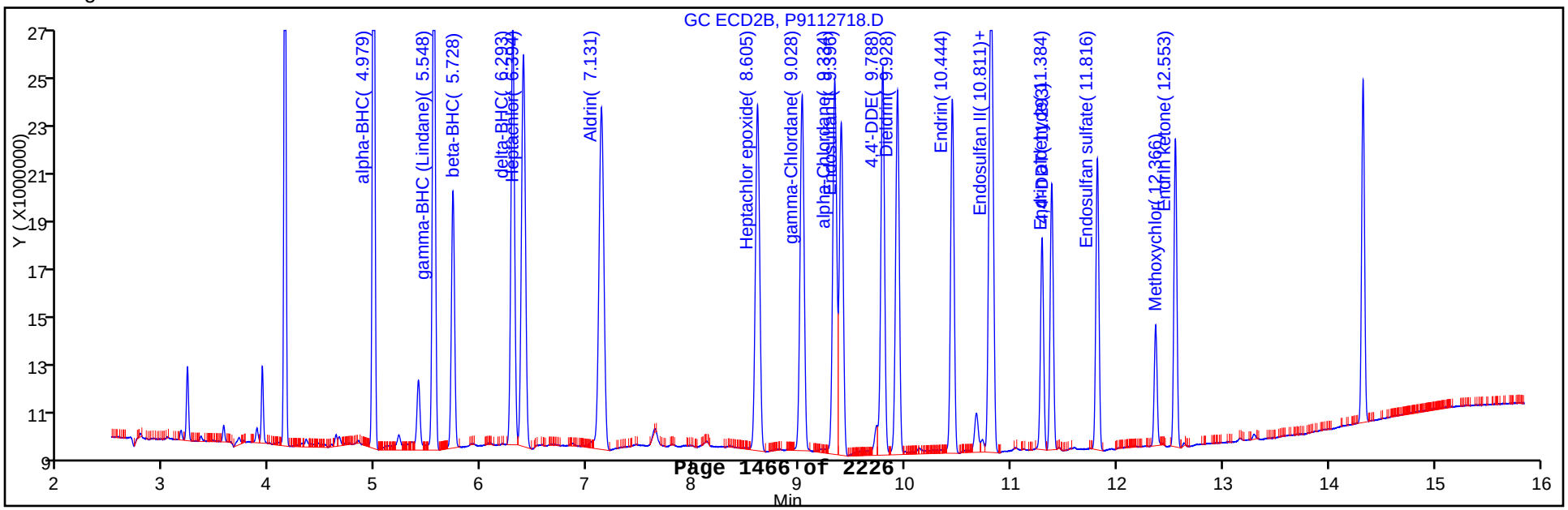
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112718.D

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.: 240-17467-1

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

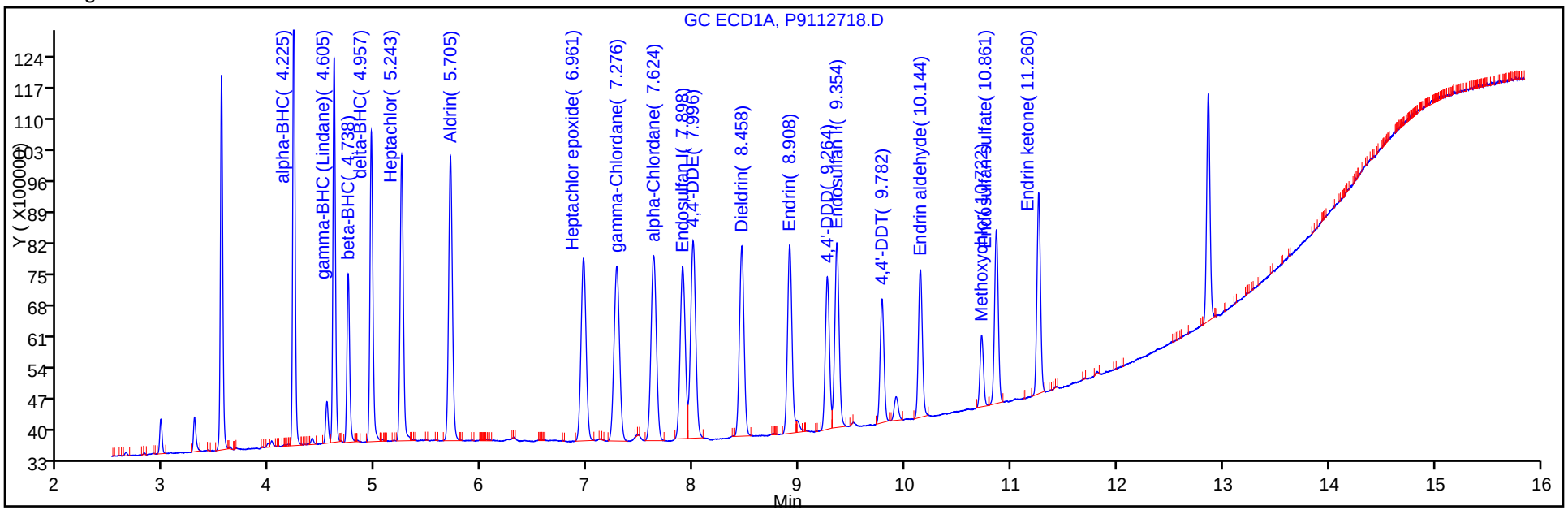
Report Date: 29-Nov-2012 11:21:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

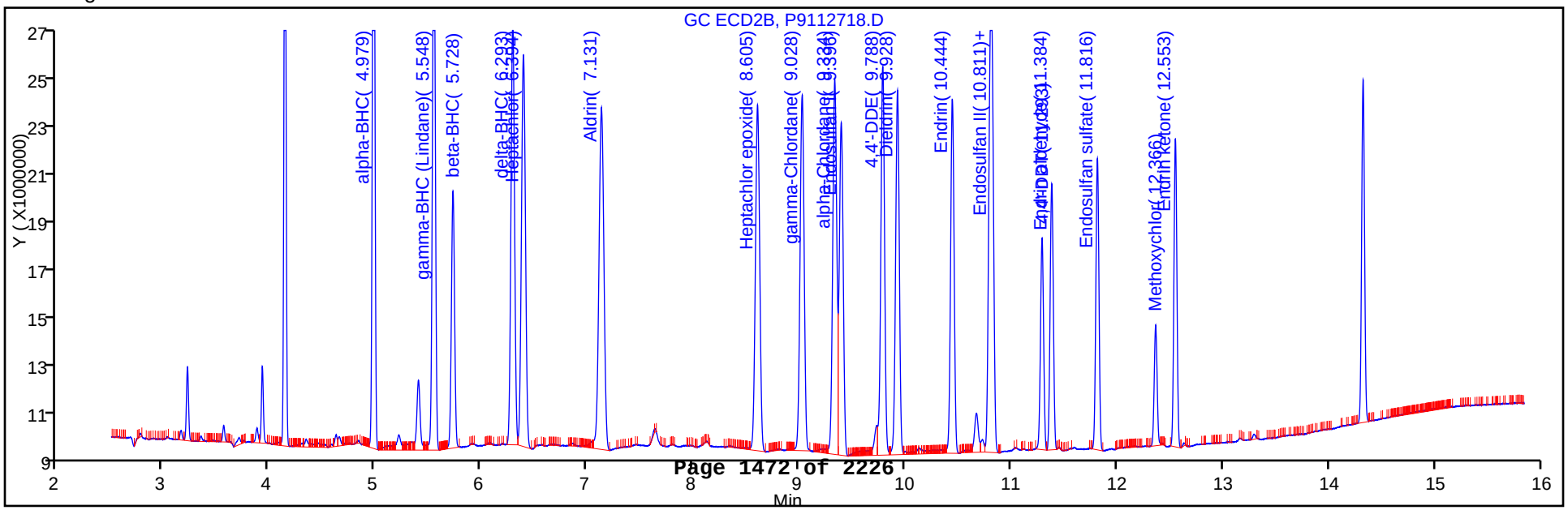
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112718.D

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.: 240-17467-1

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

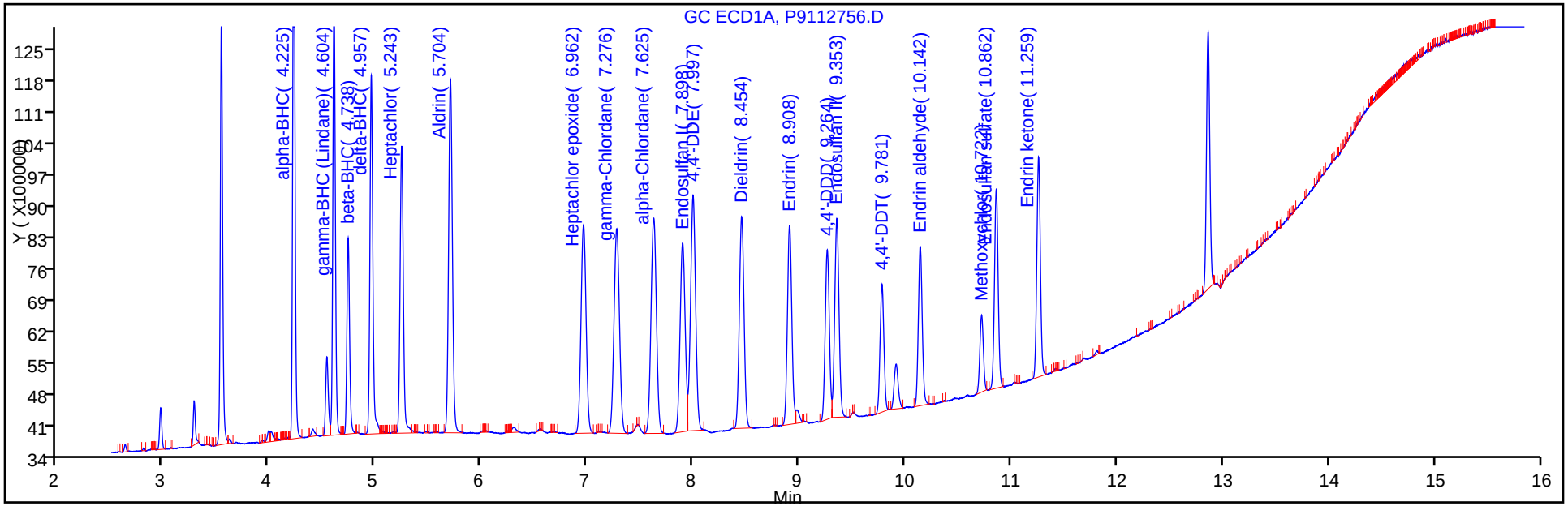
Report Date: 29-Nov-2012 11:22:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

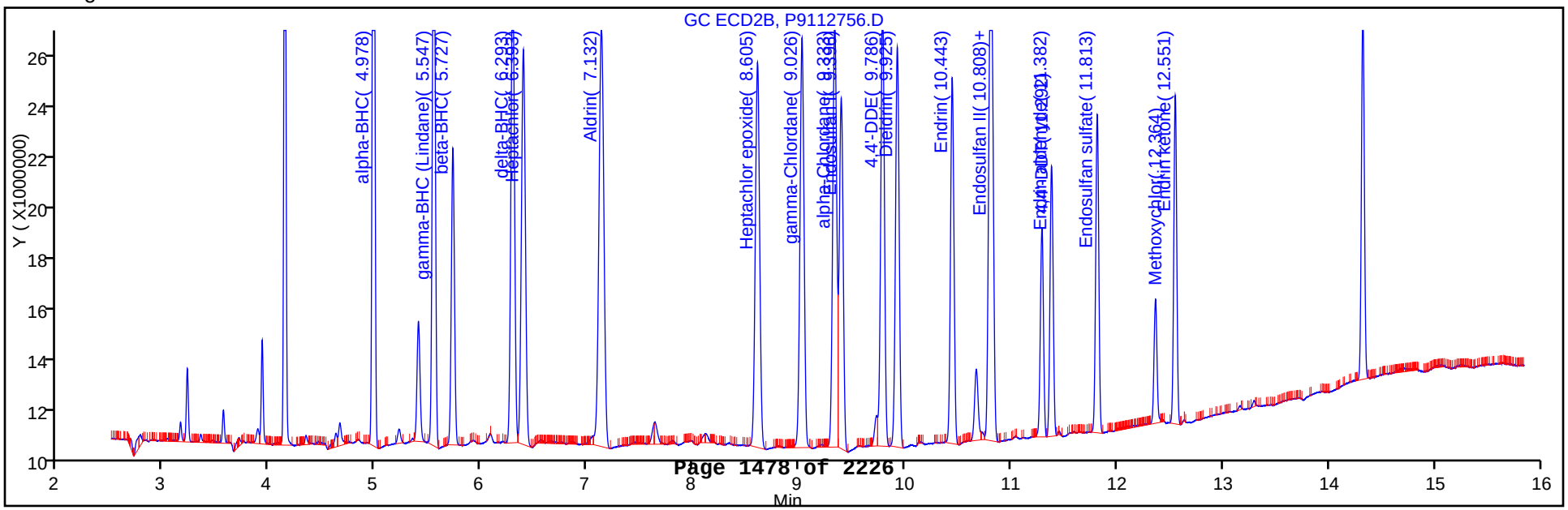
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112756.D

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.: 240-17467-1

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

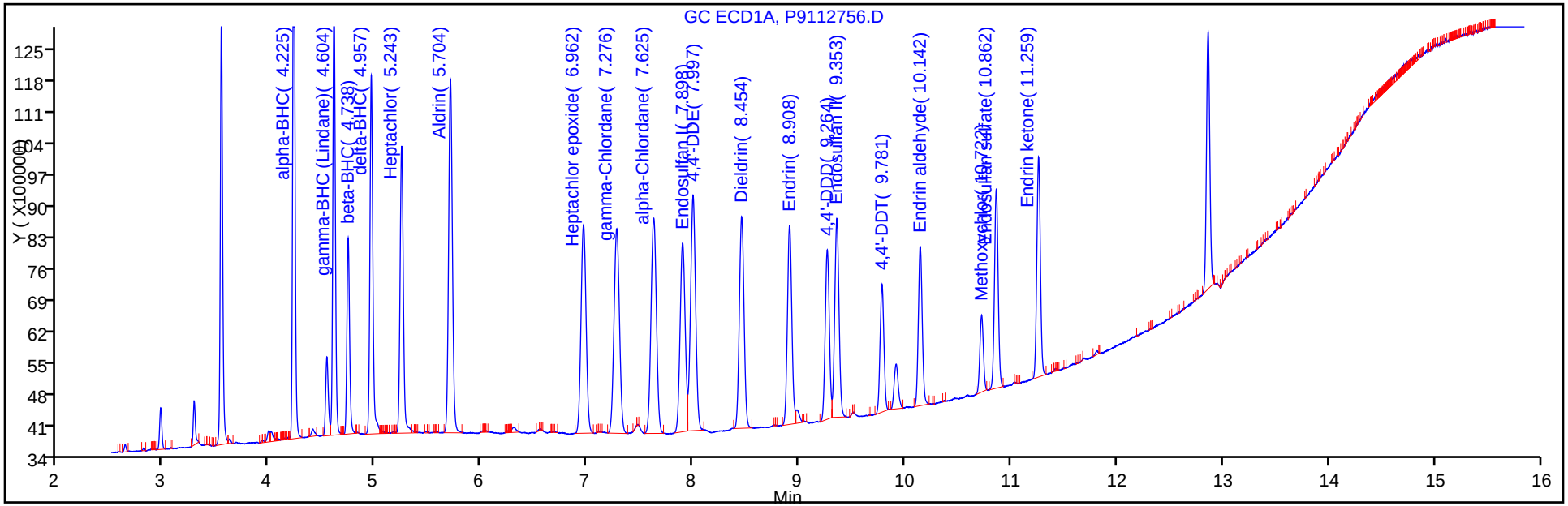
Report Date: 29-Nov-2012 11:22:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

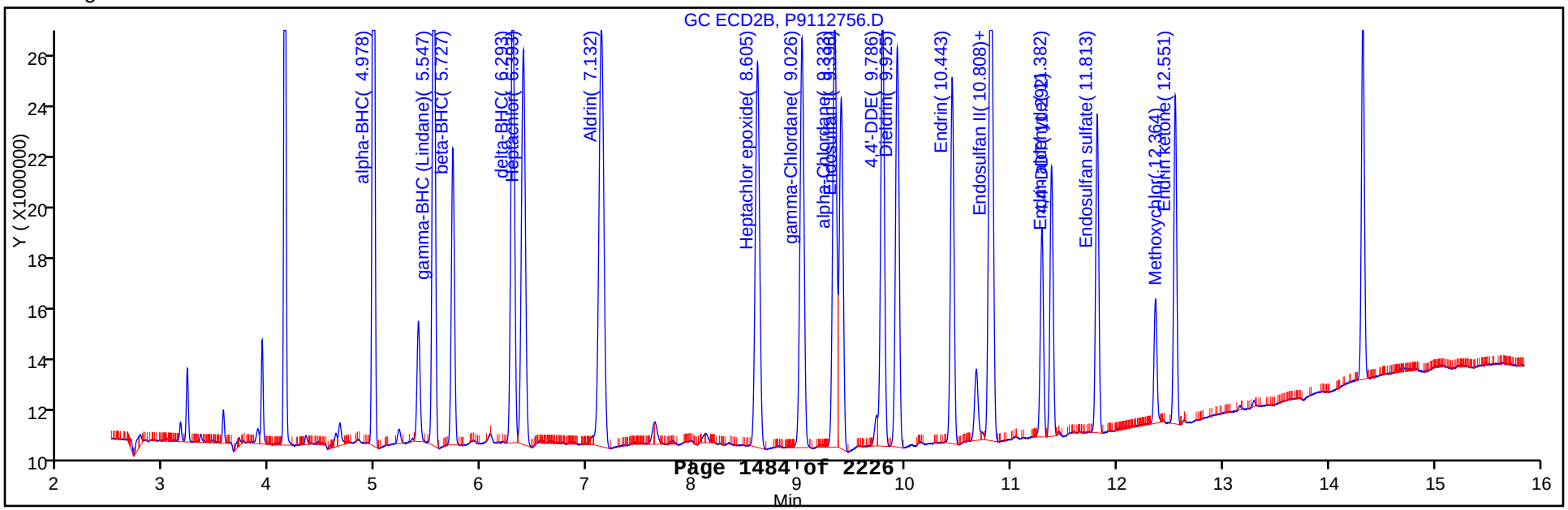
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112756.D

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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS | Lab Sample ID: 240-17467-2 MS

Matrix: Solid | Lab File ID: P9112733.D

Analysis Method: 8081/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 29.67(g) | Date Analyzed: 11/28/2012 16:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 37.0 | 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	38.8	J D	64	22	20
33213-65-9	Endosulfan II	31.7	J D	80	43	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	154	*Q*	55-130
877-09-8	Tetrachloro-m-xylene	114		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112733.D
Lims ID: 240-17467-N-2-E MS
Client ID: 075SD-0002-0002-SD
Inject. Date: 28-Nov-2012 16:31:56
Dil. Factor: 20.0000
Sample Type: MS
Sample ID: 240-0015316-033
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 33
Lims Batch ID: 66500
Lims Sample ID: 33
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

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:45:07

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	2763133	0.001144			
2	100	4.141	4.141	0.000	6797147	0.000956			
						RPD = 17.86			
5 alpha-BHC									
1	100	4.225	4.226	-0.001	12073678	0.003810			
2	100	4.978	4.979	-0.001	33888440	0.003409			
						RPD = 11.11			
20 gamma-BHC (Lindane)									
1	100	4.605	4.606	-0.001	9690832	0.003594			
2	100	5.547	5.548	-0.001	31617748	0.003812			
						RPD = 5.89			
7 beta-BHC									M
1	100	4.737	4.739	-0.002	5691566	0.004774			
2	100	5.727	5.728	-0.001	14517052	0.004026			M
						RPD = 17.00			
11 delta-BHC									
1	100	4.956	4.957	-0.001	9269433	0.003574			
2	100	6.292	6.292	0.000	30890759	0.003904			
						RPD = 8.82			
22 Heptachlor									
1	100	5.244	5.244	0.000	9741753	0.003998			
2	100	6.393	6.394	-0.001	31390199	0.004396			
						RPD = 9.49			
4 Aldrin									
1	100	5.705	5.705	0.000	13342051	0.004497			
2	100	7.130	7.131	-0.001	35948892	0.004376			
						RPD = 2.72			

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	9756653	0.003958			
2	100	8.607	8.606	0.001	40975505	0.005998			
						RPD = 40.99			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	11099448	0.004201			
2	100	9.027	9.026	0.001	32997431	0.004735			
						RPD = 11.96			
6 alpha-Chlordane									
1	100	7.624	7.624	0.000	11573805	0.004265			
2	100	9.334	9.336	-0.002	26127708	0.003712			
						RPD = 13.86			
14 Endosulfan I									
1	100	7.898	7.898	0.000	6949400	0.002984			
2	100	9.394	9.396	-0.002	16128609	0.002800			
						RPD = 6.35			
2 4,4'-DDE									
1	100	7.997	7.997	0.000	13137100	0.004539			
2	100	9.786	9.788	-0.002	32410898	0.004497			
						RPD = 0.92			
13 Dieldrin									
1	100	8.456	8.458	-0.002	9528666	0.003922			
2	100	9.926	9.927	-0.001	23322895	0.003692			
						RPD = 6.06			
17 Endrin									
1	100	8.907	8.909	-0.002	9284975	0.004157			
2	100	10.444	10.446	-0.002	21705471	0.003730			
						RPD = 10.83			
1 4,4'-DDD									
1	100	9.262	9.264	-0.002	6491110	0.003622			
2	100	10.805	10.810	-0.005	31128168	0.003173			
						RPD = 13.22			
15 Endosulfan II									
1	100	9.354	9.355	-0.001	6291577	0.002967			
2	100	10.805	10.810	-0.005	31128168	0.003173			
						RPD = 6.73			

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	6343198	0.004467			
2	100	11.291	11.293	-0.002	15193341	0.004563			
						RPD = 2.14			
18 Endrin aldehyde									
1	100	10.141	10.142	-0.001	5076043	0.003224			
2	100	11.384	11.385	-0.001	11978105	0.003131			
						RPD = 2.93			
27 Methoxychlor									
1	100	10.723	10.723	0.000	2526849	0.003717			
2	100	12.366	12.366	0.000	9611553	0.005783			
						RPD = 43.47			
16 Endosulfan sulfate									
1	100	10.861	10.861	0.000	6240639	0.003613			
2	100	11.814	11.816	-0.002	15420482	0.003574			
						RPD = 1.08			
19 Endrin ketone									
1	100	11.259	11.260	-0.001	7180739	0.003794			
2	100	12.551	12.552	-0.001	15406674	0.003514			
						RPD = 7.65			
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.863	0.002	3179951	0.001542			
2	100	14.326	14.325	0.001	4390646	0.000928			
						RPD = 49.75			

QC Flag Legend

Review Flags
M - Manually Integrated

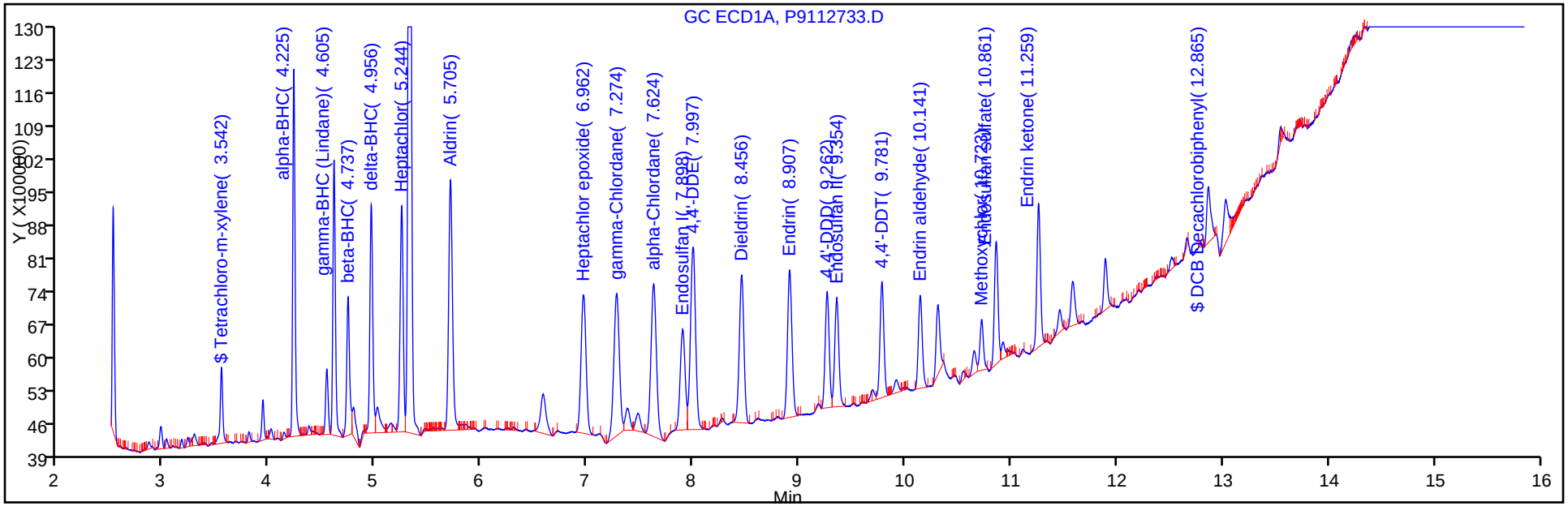
Report Date: 29-Nov-2012 11:21:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

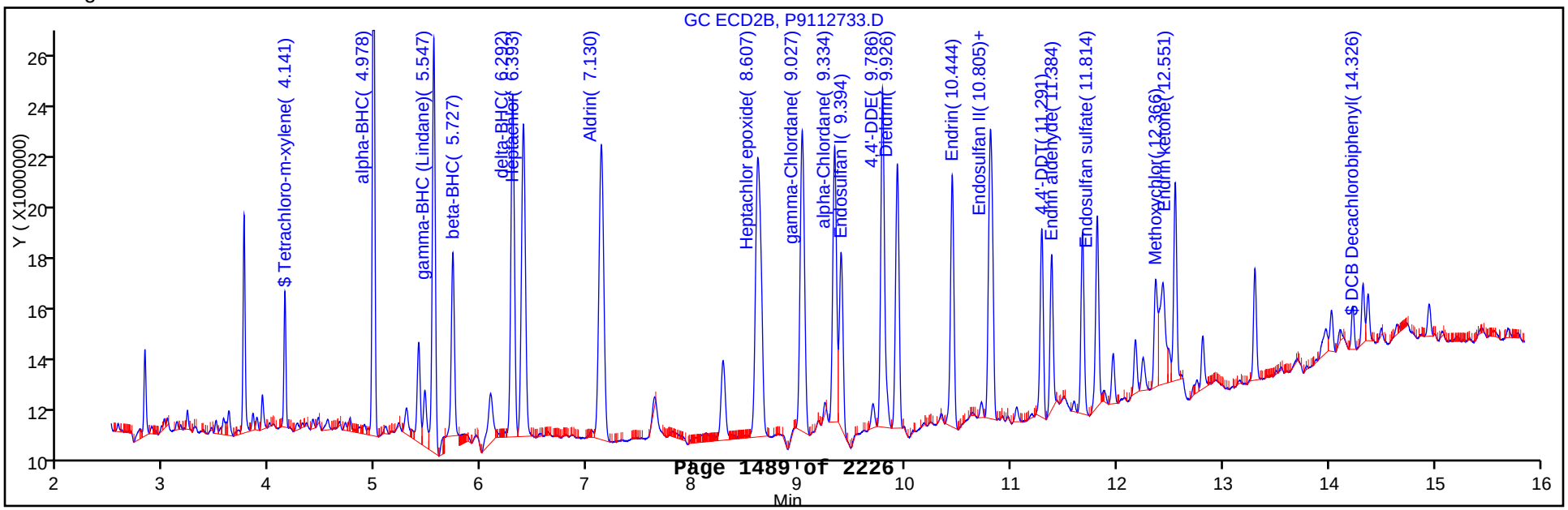
Data File: \\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112733.D

Injection Date:	28-Nov-2012 16:31:56	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0002-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	33
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS | Lab Sample ID: 240-17467-2 MS

Matrix: Solid | Lab File ID: P9112733.D

Analysis Method: 8081/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 29.67(g) | Date Analyzed: 11/28/2012 16:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 37.0 | 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	48.1	J D	55	22	13
50-29-3	4,4'-DDT	48.8	J D	64	22	20
309-00-2	Aldrin	46.8	J D	130	43	39
319-84-6	alpha-BHC	36.5	J D	80	43	23
5103-71-9	alpha-Chlordane	39.7	J D	96	43	30
319-85-7	beta-BHC	43.1	J D M	110	43	35
319-86-8	delta-BHC	41.8	J D	130	43	39
60-57-1	Dieldrin	39.5	J D	55	22	15
959-98-8	Endosulfan I	30.0	J D	55	22	17
1031-07-8	Endosulfan sulfate	38.3	J D	96	43	28
72-20-8	Endrin	39.9	J D	55	22	16
7421-93-4	Endrin aldehyde	33.5	J D	96	43	32
53494-70-5	Endrin ketone	37.6	J D	64	22	20
58-89-9	gamma-BHC (Lindane)	40.8	J D	80	43	24
5103-74-2	gamma-Chlordane	50.7	J D	55	22	13
76-44-8	Heptachlor	47.0	J D	110	43	35
1024-57-3	Heptachlor epoxide	64.2	J D	80	43	26
72-43-5	Methoxychlor	61.9	J D	160	110	48
8001-35-2	Toxaphene	640	U	2200	640	610

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		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\P9112733.D
Lims ID: 240-17467-N-2-E MS
Client ID: 075SD-0002-0002-SD
Inject. Date: 28-Nov-2012 16:31:56
Dil. Factor: 20.0000
Sample Type: MS
Sample ID: 240-0015316-033
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 33
Lims Batch ID: 66500
Lims Sample ID: 33
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

First Level Reviewer: vandorenc
Date: 29-Nov-2012 10:45:07

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	2763133	0.001144			
2	100	4.141	4.141	0.000	6797147	0.000956			
						RPD = 17.86			
5 alpha-BHC									
1	100	4.225	4.226	-0.001	12073678	0.003810			
2	100	4.978	4.979	-0.001	33888440	0.003409			
						RPD = 11.11			
20 gamma-BHC (Lindane)									
1	100	4.605	4.606	-0.001	9690832	0.003594			
2	100	5.547	5.548	-0.001	31617748	0.003812			
						RPD = 5.89			
7 beta-BHC									M
1	100	4.737	4.739	-0.002	5691566	0.004774			
2	100	5.727	5.728	-0.001	14517052	0.004026			M
						RPD = 17.00			
11 delta-BHC									
1	100	4.956	4.957	-0.001	9269433	0.003574			
2	100	6.292	6.292	0.000	30890759	0.003904			
						RPD = 8.82			
22 Heptachlor									
1	100	5.244	5.244	0.000	9741753	0.003998			
2	100	6.393	6.394	-0.001	31390199	0.004396			
						RPD = 9.49			
4 Aldrin									
1	100	5.705	5.705	0.000	13342051	0.004497			
2	100	7.130	7.131	-0.001	35948892	0.004376			
						RPD = 2.72			

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	9756653	0.003958			
2	100	8.607	8.606	0.001	40975505	0.005998			
						RPD = 40.99			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	11099448	0.004201			
2	100	9.027	9.026	0.001	32997431	0.004735			
						RPD = 11.96			
6 alpha-Chlordane									
1	100	7.624	7.624	0.000	11573805	0.004265			
2	100	9.334	9.336	-0.002	26127708	0.003712			
						RPD = 13.86			
14 Endosulfan I									
1	100	7.898	7.898	0.000	6949400	0.002984			
2	100	9.394	9.396	-0.002	16128609	0.002800			
						RPD = 6.35			
2 4,4'-DDE									
1	100	7.997	7.997	0.000	13137100	0.004539			
2	100	9.786	9.788	-0.002	32410898	0.004497			
						RPD = 0.92			
13 Dieldrin									
1	100	8.456	8.458	-0.002	9528666	0.003922			
2	100	9.926	9.927	-0.001	23322895	0.003692			
						RPD = 6.06			
17 Endrin									
1	100	8.907	8.909	-0.002	9284975	0.004157			
2	100	10.444	10.446	-0.002	21705471	0.003730			
						RPD = 10.83			
1 4,4'-DDD									
1	100	9.262	9.264	-0.002	6491110	0.003622			
2	100	10.805	10.810	-0.005	31128168	0.003173			
						RPD = 13.22			
15 Endosulfan II									
1	100	9.354	9.355	-0.001	6291577	0.002967			
2	100	10.805	10.810	-0.005	31128168	0.003173			
						RPD = 6.73			

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	6343198	0.004467			
2	100	11.291	11.293	-0.002	15193341	0.004563			
						RPD = 2.14			
18 Endrin aldehyde									
1	100	10.141	10.142	-0.001	5076043	0.003224			
2	100	11.384	11.385	-0.001	11978105	0.003131			
						RPD = 2.93			
27 Methoxychlor									
1	100	10.723	10.723	0.000	2526849	0.003717			
2	100	12.366	12.366	0.000	9611553	0.005783			
						RPD = 43.47			
16 Endosulfan sulfate									
1	100	10.861	10.861	0.000	6240639	0.003613			
2	100	11.814	11.816	-0.002	15420482	0.003574			
						RPD = 1.08			
19 Endrin ketone									
1	100	11.259	11.260	-0.001	7180739	0.003794			
2	100	12.551	12.552	-0.001	15406674	0.003514			
						RPD = 7.65			
$ 10 DCB Decachlorobiphenyl									
1	100	12.865	12.863	0.002	3179951	0.001542			
2	100	14.326	14.325	0.001	4390646	0.000928			
						RPD = 49.75			

QC Flag Legend

Review Flags
M - Manually Integrated

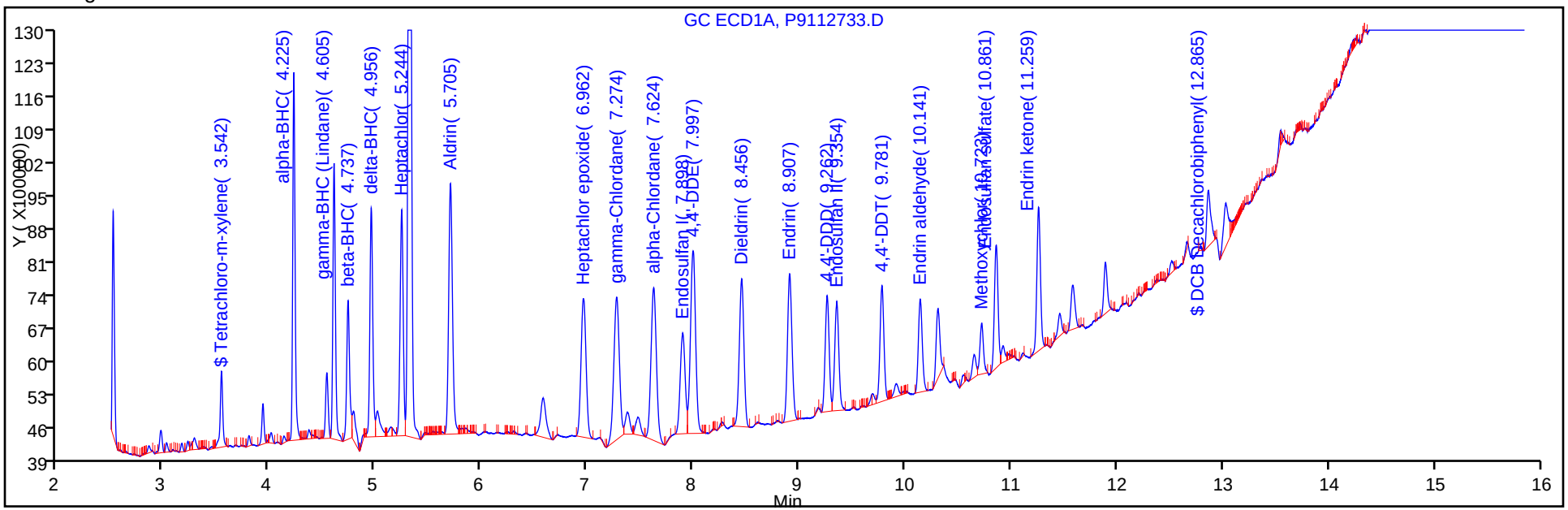
Report Date: 29-Nov-2012 11:21:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

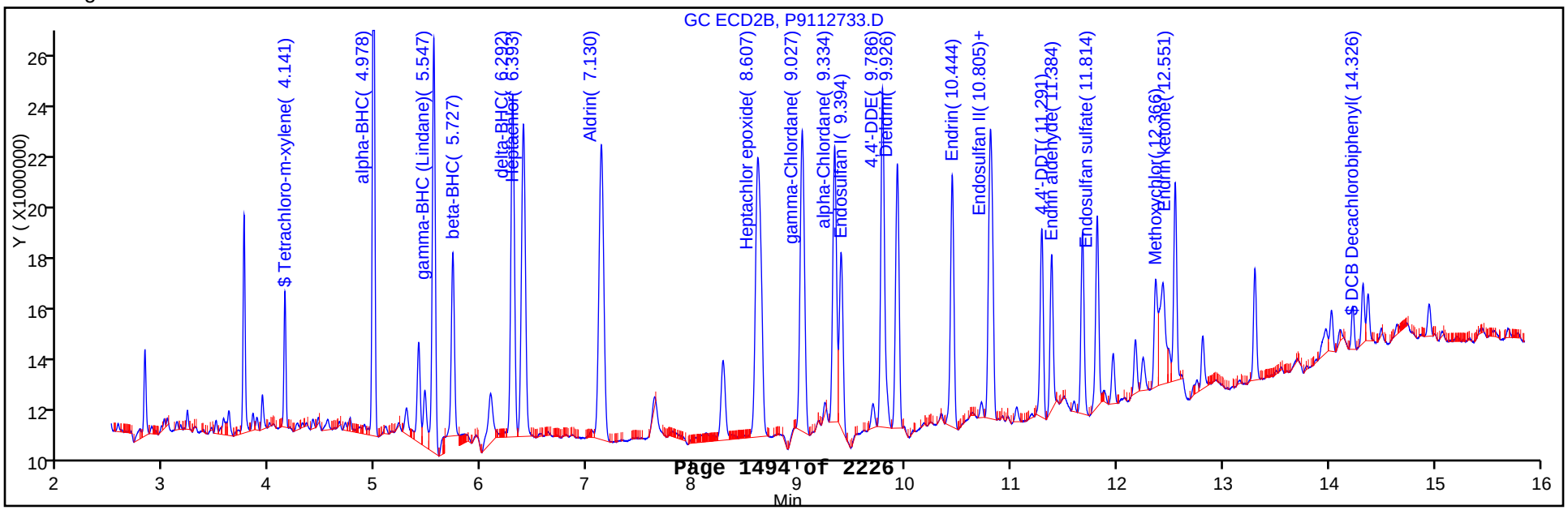
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Injection Date:	28-Nov-2012 16:31:56	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0002-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	33
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

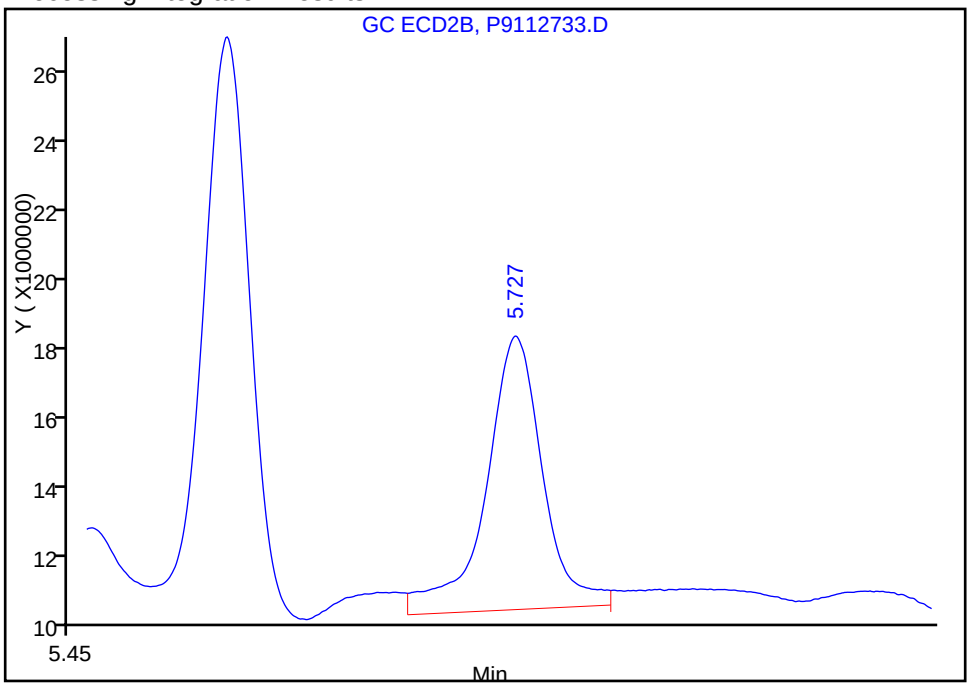
TestAmerica Canton

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Injection Date:	28-Nov-2012 16:31:56	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0002-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	33
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 beta-BHC, Signal: 2, Type: quant, RT: 5.73, Det: GC ecd2b

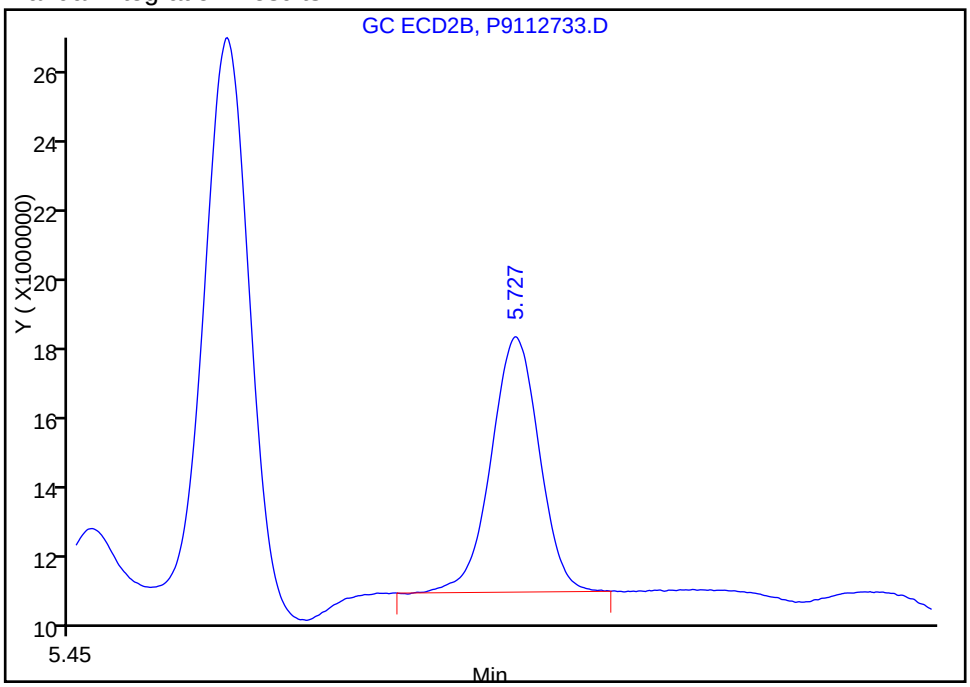
Processing Integration Results

RT: 5.73
Response: 18342118
Amount: 0.005087



Manual Integration Results

RT: 5.73
Response: 14517052
Amount: 0.004026



Reviewer: vandorenc, 29-Nov-2012 10:45:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD | Lab Sample ID: 240-17467-2 MSD

Matrix: Solid | Lab File ID: P9112734.D

Analysis Method: 8081/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.46(g) | Date Analyzed: 11/28/2012 16:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 37.0 | 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	37.8	J D	63	21	19
33213-65-9	Endosulfan II	31.2	J D	78	42	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	183	*Q*	55-130
877-09-8	Tetrachloro-m-xylene	129	*Q*	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112734.D		
Lims ID:	240-17467-N-2-F MSD	Client ID:	075SD-0002-0003-SD
Inject. Date:	28-Nov-2012 16:59:46	Dil. Factor:	20.0000
Sample Type:	MSD		
Sample ID:	240-0015316-034		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	66500	Lims Sample ID:	34
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		
First Level Reviewer: vandorenc		Date:	29-Nov-2012 10:45:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	3119106	0.001291			
2	100	4.141	4.141	0.000	7706255	0.001084			
						RPD = 17.42			
5 alpha-BHC									
1	100	4.225	4.226	-0.001	13147163	0.004149			
2	100	4.979	4.979	0.000	35800691	0.003602			
						RPD = 14.13			
20 gamma-BHC (Lindane)									
1	100	4.604	4.606	-0.002	10114984	0.003752			
2	100	5.548	5.548	0.000	33546682	0.004045			
						RPD = 7.53			
7 beta-BHC									
1	100	4.737	4.739	-0.002	6255825	0.005248			
2	100	5.728	5.728	0.000	16725604	0.004639			
						RPD = 12.32			
11 delta-BHC									
1	100	4.956	4.957	-0.001	9773316	0.003769			
2	100	6.292	6.292	0.000	32825039	0.004148			
						RPD = 9.59			
22 Heptachlor									
1	100	5.244	5.244	0.000	8903071	0.003653			
2	100	6.394	6.394	0.000	29373004	0.004113			
						RPD = 11.85			
4 Aldrin									
1	100	5.705	5.705	0.000	14430828	0.004864			
2	100	7.131	7.131	0.000	39600614	0.004820			
						RPD = 0.89			

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	10864609	0.004407			
2	100	8.609	8.606	0.003	45170571	0.006612			
						RPD = 40.02			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	13280171	0.005026			
2	100	9.028	9.026	0.002	38804296	0.005568			
						RPD = 10.24			
6 alpha-Chlordane									
1	100	7.621	7.624	-0.003	13152997	0.004847			
2	100	9.334	9.336	-0.002	30541035	0.004339			
						RPD = 11.06			
14 Endosulfan I									
1	100	7.898	7.898	0.000	7922542	0.003402			
2	100	9.396	9.396	0.000	18619508	0.003233			
						RPD = 5.09			
2 4,4'-DDE									
1	100	7.994	7.997	-0.003	14877017	0.005140			
2	100	9.787	9.788	-0.001	39595880	0.005494			
						RPD = 6.67			
13 Dieldrin									
1	100	8.455	8.458	-0.003	10564931	0.004349			
2	100	9.926	9.927	-0.001	25840920	0.004090			
						RPD = 6.13			
17 Endrin									
1	100	8.910	8.909	0.001	9809012	0.004392			
2	100	10.444	10.446	-0.002	22685588	0.003899			
						RPD = 11.90			
1 4,4'-DDD									
1	100	9.262	9.264	-0.002	6498471	0.003627			
2	100	10.807	10.810	-0.003	33772656	0.003443			
						RPD = 5.20			
15 Endosulfan II									
1	100	9.354	9.355	-0.001	6353510	0.002996			
2	100	10.807	10.810	-0.003	33772656	0.003443			
						RPD = 13.88			

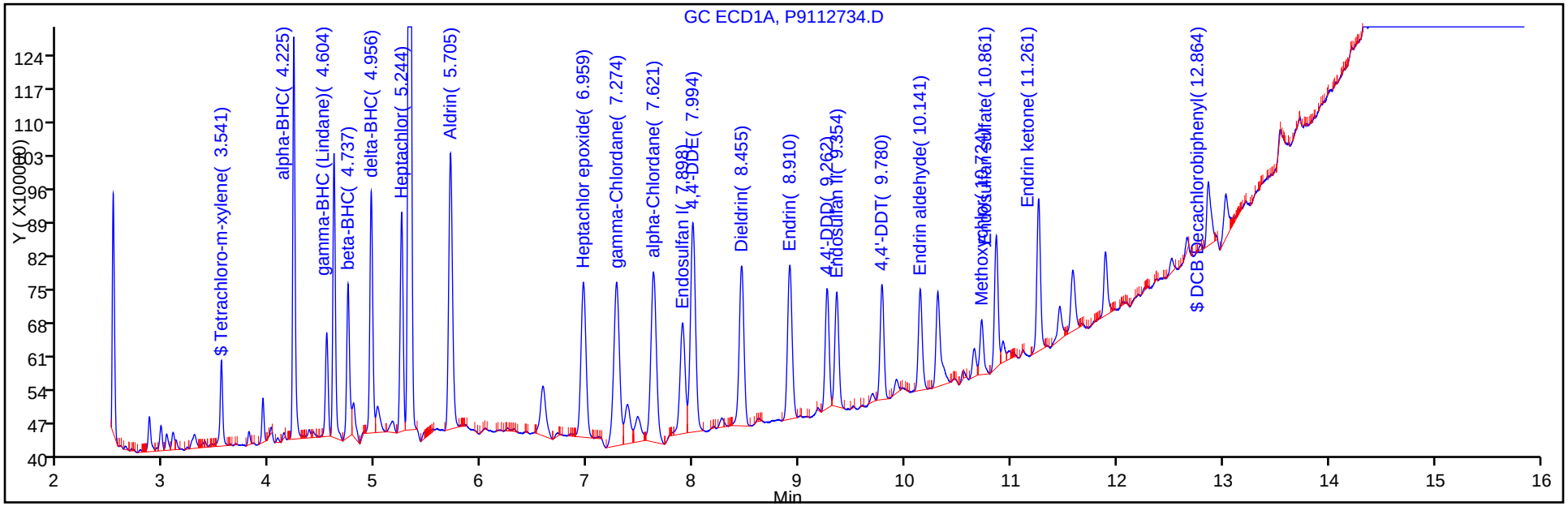
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.780	9.781	-0.001	6069096	0.004274			
2	100	11.290	11.293	-0.003	15726296	0.004723			
						RPD = 9.99			
18 Endrin aldehyde									
1	100	10.141	10.142	-0.001	5460076	0.003468			
2	100	11.384	11.385	-0.001	14255030	0.003726			
						RPD = 7.17			
27 Methoxychlor									
1	100	10.724	10.723	0.001	2866172	0.004217			
2	100	12.365	12.366	-0.001	8852785	0.005326			
						RPD = 23.25			
16 Endosulfan sulfate									
1	100	10.861	10.861	0.000	6637240	0.003843			
2	100	11.814	11.816	-0.002	16491843	0.003823			
						RPD = 0.53			
19 Endrin ketone									
1	100	11.261	11.260	0.001	7688400	0.004062			
2	100	12.551	12.552	-0.001	15981664	0.003645			
						RPD = 10.81			
$ 10 DCB Decachlorobiphenyl									
1	100	12.864	12.863	0.001	3776908	0.001832			
2	100	14.324	14.325	-0.001	4089647	0.000864			
						RPD = 71.78			

Report Date: 29-Nov-2012 11:21:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

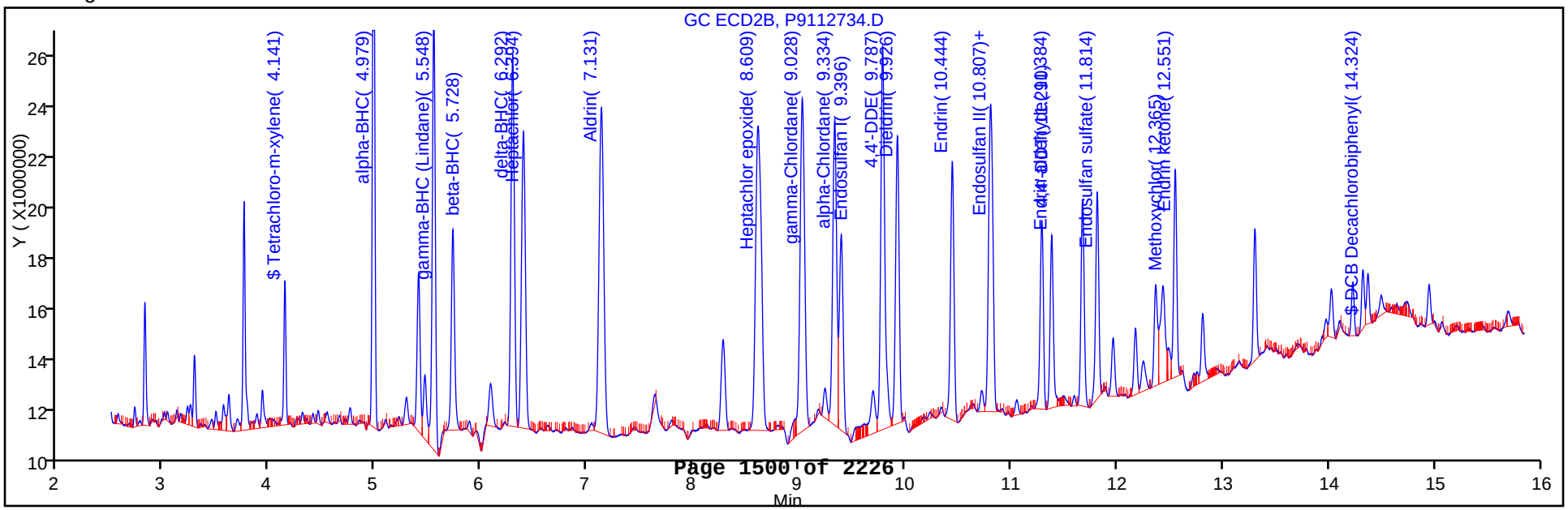
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112734.D		
Injection Date:	28-Nov-2012 16:59:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0003-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	34
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD | Lab Sample ID: 240-17467-2 MSD

Matrix: Solid | Lab File ID: P9112734.D

Analysis Method: 8081/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:21

Sample wt/vol: 30.46(g) | Date Analyzed: 11/28/2012 16:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 37.0 | 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	57.3	D	53	21	12
50-29-3	4,4'-DDT	49.2	D J	63	21	20
309-00-2	Aldrin	50.3	J D	130	42	38
319-84-6	alpha-BHC	37.5	J D	78	42	23
5103-71-9	alpha-Chlordane	45.2	J D	94	42	29
319-85-7	beta-BHC	48.4	J D	110	42	34
319-86-8	delta-BHC	43.2	J D	130	42	38
60-57-1	Dieldrin	42.6	J D	53	21	15
959-98-8	Endosulfan I	33.7	J D	53	21	16
1031-07-8	Endosulfan sulfate	39.8	J D	94	42	27
72-20-8	Endrin	40.6	J D	53	21	16
7421-93-4	Endrin aldehyde	38.8	J D	94	42	31
53494-70-5	Endrin ketone	38.0	J D	63	21	20
58-89-9	gamma-BHC (Lindane)	42.2	J D	78	42	23
5103-74-2	gamma-Chlordane	58.0	D	53	21	13
76-44-8	Heptachlor	42.9	J D	110	42	34
1024-57-3	Heptachlor epoxide	68.9	J D	78	42	25
72-43-5	Methoxychlor	55.5	J D	160	100	47
8001-35-2	Toxaphene	630	U	2100	630	590

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		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\P9112734.D
Lims ID: 240-17467-N-2-F MSD Client ID: 075SD-0002-0003-SD
Inject. Date: 28-Nov-2012 16:59:46 Dil. Factor: 20.0000
Sample Type: MSD
Sample ID: 240-0015316-034
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 34
Lims Batch ID: 66500 Lims Sample ID: 34
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

First Level Reviewer: vandorenc Date: 29-Nov-2012 10:45:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.541	3.542	-0.001	3119106	0.001291			
2	100	4.141	4.141	0.000	7706255	0.001084			
						RPD = 17.42			
5 alpha-BHC									
1	100	4.225	4.226	-0.001	13147163	0.004149			
2	100	4.979	4.979	0.000	35800691	0.003602			
						RPD = 14.13			
20 gamma-BHC (Lindane)									
1	100	4.604	4.606	-0.002	10114984	0.003752			
2	100	5.548	5.548	0.000	33546682	0.004045			
						RPD = 7.53			
7 beta-BHC									
1	100	4.737	4.739	-0.002	6255825	0.005248			
2	100	5.728	5.728	0.000	16725604	0.004639			
						RPD = 12.32			
11 delta-BHC									
1	100	4.956	4.957	-0.001	9773316	0.003769			
2	100	6.292	6.292	0.000	32825039	0.004148			
						RPD = 9.59			
22 Heptachlor									
1	100	5.244	5.244	0.000	8903071	0.003653			
2	100	6.394	6.394	0.000	29373004	0.004113			
						RPD = 11.85			
4 Aldrin									
1	100	5.705	5.705	0.000	14430828	0.004864			
2	100	7.131	7.131	0.000	39600614	0.004820			
						RPD = 0.89			

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	10864609	0.004407			
2	100	8.609	8.606	0.003	45170571	0.006612			
						RPD = 40.02			
21 gamma-Chlordane									
1	100	7.274	7.275	-0.001	13280171	0.005026			
2	100	9.028	9.026	0.002	38804296	0.005568			
						RPD = 10.24			
6 alpha-Chlordane									
1	100	7.621	7.624	-0.003	13152997	0.004847			
2	100	9.334	9.336	-0.002	30541035	0.004339			
						RPD = 11.06			
14 Endosulfan I									
1	100	7.898	7.898	0.000	7922542	0.003402			
2	100	9.396	9.396	0.000	18619508	0.003233			
						RPD = 5.09			
2 4,4'-DDE									
1	100	7.994	7.997	-0.003	14877017	0.005140			
2	100	9.787	9.788	-0.001	39595880	0.005494			
						RPD = 6.67			
13 Dieldrin									
1	100	8.455	8.458	-0.003	10564931	0.004349			
2	100	9.926	9.927	-0.001	25840920	0.004090			
						RPD = 6.13			
17 Endrin									
1	100	8.910	8.909	0.001	9809012	0.004392			
2	100	10.444	10.446	-0.002	22685588	0.003899			
						RPD = 11.90			
1 4,4'-DDD									
1	100	9.262	9.264	-0.002	6498471	0.003627			
2	100	10.807	10.810	-0.003	33772656	0.003443			
						RPD = 5.20			
15 Endosulfan II									
1	100	9.354	9.355	-0.001	6353510	0.002996			
2	100	10.807	10.810	-0.003	33772656	0.003443			
						RPD = 13.88			

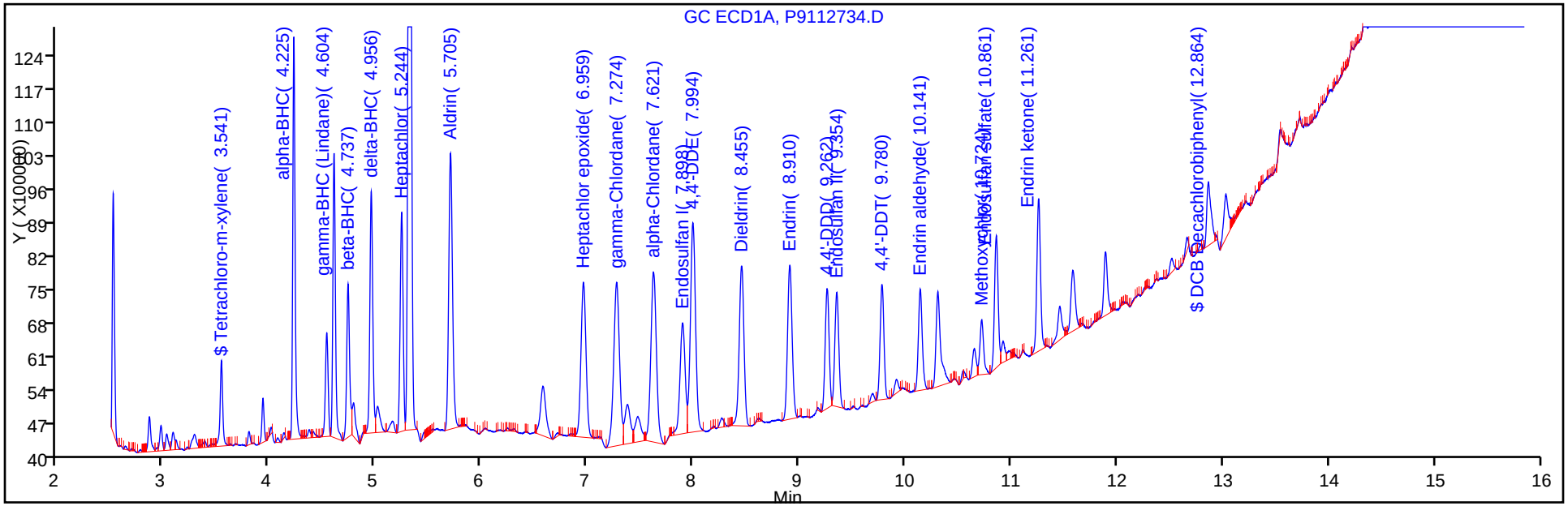
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.486						
1	2		10.024						
1	3		10.091						
1	4		10.671						
1	5		11.236						
2	100		10.382						
2	2		11.398						
2	3		11.746						
2	4		12.148						
2	5		12.534						
3 4,4'-DDT									
1	100	9.780	9.781	-0.001	6069096	0.004274			
2	100	11.290	11.293	-0.003	15726296	0.004723			
						RPD = 9.99			
18 Endrin aldehyde									
1	100	10.141	10.142	-0.001	5460076	0.003468			
2	100	11.384	11.385	-0.001	14255030	0.003726			
						RPD = 7.17			
27 Methoxychlor									
1	100	10.724	10.723	0.001	2866172	0.004217			
2	100	12.365	12.366	-0.001	8852785	0.005326			
						RPD = 23.25			
16 Endosulfan sulfate									
1	100	10.861	10.861	0.000	6637240	0.003843			
2	100	11.814	11.816	-0.002	16491843	0.003823			
						RPD = 0.53			
19 Endrin ketone									
1	100	11.261	11.260	0.001	7688400	0.004062			
2	100	12.551	12.552	-0.001	15981664	0.003645			
						RPD = 10.81			
$ 10 DCB Decachlorobiphenyl									
1	100	12.864	12.863	0.001	3776908	0.001832			
2	100	14.324	14.325	-0.001	4089647	0.000864			
						RPD = 71.78			

Report Date: 29-Nov-2012 11:21:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

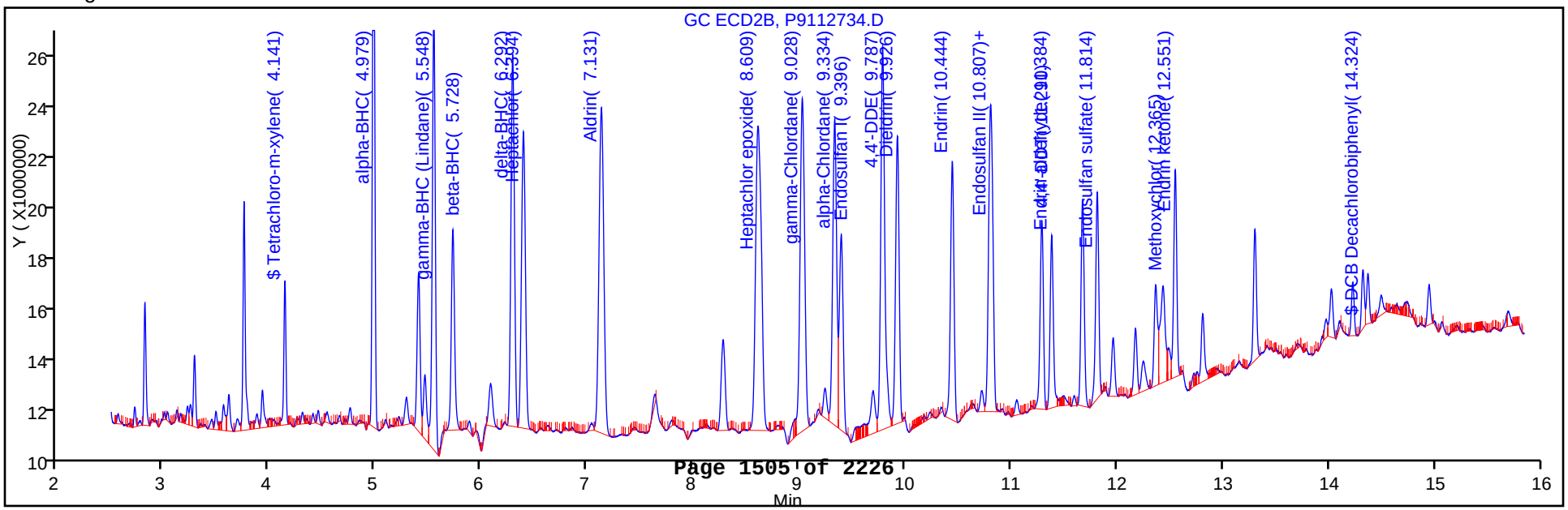
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121127-15316.b\P9112734.D		
Injection Date:	28-Nov-2012 16:59:46	Limit Group:	GC 8081 D0D ICAL
Client ID:	075SD-0002-0003-SD	Instrument ID:	A2HP9
Lims Batch ID:	66500	Lims Sample ID:	34
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.: 240-17467-1

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)
ZZZZZ		11/28/2012 10:05	1		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 10:05	1		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 10:32	5		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 10:32	5		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 11:00	5		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 11:00	5		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 11:28	5		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 11:28	5		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 11:56	1		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 11:56	1		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 12:24	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 12:24	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 12:48	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 12:48	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 13:16	20		CLP-1 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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 13:16	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 13:44	20		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 13:44	20		CLP-2 0.53(mm)
ZZZZZ		11/28/2012 14:12	1		CLP-1 0.53(mm)
ZZZZZ		11/28/2012 14:12	1		CLP-2 0.53(mm)
PEM 240-66500/29		11/28/2012 14:40	1	P9112729.D	CLP-1 0.53(mm)
PEM 240-66500/29		11/28/2012 14:40	1	P9112729.D	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)
LCS 240-65759/18-A		11/28/2012 15:36	1	P9112731.D	CLP-1 0.53(mm)
LCS 240-65759/18-A		11/28/2012 15:36	1	P9112731.D	CLP-2 0.53(mm)
240-17467-2	075SD-0002-0001-SD	11/28/2012 16:04	20	P9112732.D	CLP-1 0.53(mm)
240-17467-2	075SD-0002-0001-SD	11/28/2012 16:04	20	P9112732.D	CLP-2 0.53(mm)
240-17467-2 MS	075SD-0002-0001-SD MS	11/28/2012 16:31	20	P9112733.D	CLP-1 0.53(mm)
240-17467-2 MS	075SD-0002-0001-SD MS	11/28/2012 16:31	20	P9112733.D	CLP-2 0.53(mm)
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/28/2012 16:59	20	P9112734.D	CLP-1 0.53(mm)
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/28/2012 16:59	20	P9112734.D	CLP-2 0.53(mm)
240-17467-4	075SD-0003-0001-SD	11/28/2012 17:27	10	P9112735.D	CLP-1 0.53(mm)
240-17467-4	075SD-0003-0001-SD	11/28/2012 17:27	10	P9112735.D	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	P9112741.D	CLP-1 0.53(mm)
CCV 240-66500/41		11/28/2012 20:15	1	P9112741.D	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)
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)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17467-1

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 23:27	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)
MB 240-65759/17-A		11/29/2012 00:47	1	P9112751.D	CLP-1 0.53(mm)
MB 240-65759/17-A		11/29/2012 00:47	1	P9112751.D	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	P9112753.D	CLP-1 0.53(mm)
CCV 240-66500/53		11/29/2012 01:41	1	P9112753.D	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.: 240-17467-1

SDG No.:

Batch Number: 65759 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	EX2/.2SURRW 00019	EXPSTNPDESSPW 00011	AnalysisComment	
240-17467-N-2	075SD-0002-0001-SD	3540C, 8081/DOD	T	29.82 g	10 mL	1 mL		Associated w/ 65753	
240-17467-N-2 MS	075SD-0002-0001-SD	3540C, 8081/DOD	T	29.67 g	10 mL	1 mL	1 mL		
240-17467-N-2 MSD	075SD-0002-0001-SD	3540C, 8081/DOD	T	30.46 g	10 mL	1 mL	1 mL		
240-17467-E-4	075SD-0003-0001-SD	3540C, 8081/DOD	T	30.38 g	10 mL	1 mL		Associated w/ 65753	
MB 240-65759/17		3540C, 8081/DOD		30.00 g	10 mL	1 mL		Associated w/ 65753	
LCS 240-65759/18		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	677243
Prep Solvent Lot #	719009

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.: 240-17467-1

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 #
075SD-0002-0001-SD	240-17467-2	84	76	90	78
075SD-0003-0001-SD	240-17467-4	77	72	81	71
	MB 240-65753/23-A	79	72	80	82
	LCS 240-65753/24-A	61	60	83	84
075SD-0002-0001-SD MS	240-17467-2 MS	82	80	89	86
075SD-0002-0001-SD MSD	240-17467-2 MSD	78	76	83	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.: 240-17467-1

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 #
	MRL 240-66323/3	107	114	117	113
	MRL 240-66323/31	108	118	112	109

	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300029.D

Lab ID: LCS 240-65753/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	254	76	40-140	
Aroclor-1260	333	286	86	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300003.D

Lab ID: MRL 240-66323/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0554	111	70-130	
Aroclor-1016	0.0500	0.0579	116	70-130	
Aroclor-1260	0.0500	0.0542	108	70-130	
Aroclor-1260	0.0500	0.0503	101	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300031.D

Lab ID: MRL 240-66323/31 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0560	112	70-130	
Aroclor-1016	0.0500	0.0582	116	70-130	
Aroclor-1260	0.0500	0.0494 J	99	70-130	
Aroclor-1260	0.0500	0.0498 J	100	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300012.D

Lab ID: 240-17467-2 MS Client ID: 075SD-0002-0001-SD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	536	40 U	441	82	40-140	
Aroclor-1260	536	40 U	472	88	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.: 240-17467-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300013.D

Lab ID: 240-17467-2 MSD Client ID: 075SD-0002-0001-SD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	537	435	81	1	30	40-140	
Aroclor-1260	537	448	83	5	30	60-130	

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.: 240-17467-1

SDG No.:

Lab Sample ID: MB 240-65753/23-A

Matrix: Solid Date Extracted: 11/20/2012 11:06

Lab File ID:(1) P1300018.D Lab File ID:(2) P1300018.D

Date Analyzed:(1) 11/27/2012 05:50 Date Analyzed:(2) 11/27/2012 05:50

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
075SD-0002-0001-SD	240-17467-2	11/27/2012 04:06	11/27/2012 04:06
075SD-0002-0001-SD MS	240-17467-2 MS	11/27/2012 04:21	11/27/2012 04:21
075SD-0002-0001-SD MSD	240-17467-2 MSD	11/27/2012 04:36	11/27/2012 04:36
075SD-0003-0001-SD	240-17467-4	11/27/2012 04:51	11/27/2012 04:51
	LCS 240-65753/24-A	11/27/2012 08:35	11/27/2012 08:35

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Sample No.: CCV 240-66323/4 Date Analyzed: 11/27/2012 02:21

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1300004.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 240-66323/4 CCVRT		11/27/2012 02:21	P1300004.D	1.29	7.07	
240-17467-2	075SD-0002-0001-SD	11/27/2012 04:06	P1300011.D	1.29	7.06	
240-17467-2 MS	075SD-0002-0001-SD MS	11/27/2012 04:21	P1300012.D	1.29	7.06	
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/27/2012 04:36	P1300013.D	1.29	7.06	
240-17467-4	075SD-0003-0001-SD	11/27/2012 04:51	P1300014.D	1.29	7.07	
MB 240-65753/23-A		11/27/2012 05:50	P1300018.D	1.29	7.07	
CCV 240-66323/19		11/27/2012 06:05	P1300019.D	1.29	7.07	
LCS 240-65753/24-A		11/27/2012 08:35	P1300029.D	1.29	7.06	
CCV 240-66323/30		11/27/2012 08:49	P1300030.D	1.29	7.07	

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.: 240-17467-1

SDG No.:

Sample No.: CCV 240-66323/4 Date Analyzed: 11/27/2012 02:21

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1300004.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 240-66323/4 CCVRT		11/27/2012 02:21	P1300004.D	1.65	8.22	
240-17467-2	075SD-0002-0001-SD	11/27/2012 04:06	P1300011.D	1.65	8.22	
240-17467-2 MS	075SD-0002-0001-SD MS	11/27/2012 04:21	P1300012.D	1.65	8.22	
240-17467-2 MSD	075SD-0002-0001-SD MSD	11/27/2012 04:36	P1300013.D	1.65	8.22	
240-17467-4	075SD-0003-0001-SD	11/27/2012 04:51	P1300014.D	1.65	8.22	
MB 240-65753/23-A		11/27/2012 05:50	P1300018.D	1.65	8.22	
CCV 240-66323/19		11/27/2012 06:05	P1300019.D	1.65	8.22	
LCS 240-65753/24-A		11/27/2012 08:35	P1300029.D	1.65	8.22	
CCV 240-66323/30		11/27/2012 08:49	P1300030.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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MS Lab Sample ID: 240-17467-2 MS

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/27/2012 04:21 Date Analyzed (2): 11/27/2012 04:21

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	454	441	9.9
		2	2.57	2.52	2.62	457		
		3	3.05	3.00	3.10	477		
		4	3.20	3.15	3.25	431		
		5	3.85	3.80	3.90	385		
	2	1	1.59	1.50	1.60	405	399	
		2	1.90	1.85	1.95	425		
		3	2.33	2.28	2.38	383		
		4	2.46	2.41	2.51	404		
		5	2.87	2.82	2.92	378		
Aroclor-1260	1	1	5.14	5.09	5.19	430	472	20.2
		2	5.38	5.33	5.43	495		
		3	5.77	5.72	5.82	504		
		4	6.50	6.45	6.55	472		
		5	6.91	6.86	6.96	459		
	2	1	4.17	4.12	4.22	351	386	
		2	4.47	4.42	4.52	394		
		3	4.77	4.72	4.82	434		
		4	5.53	5.48	5.58	362		
		5	5.83	5.78	5.88	386		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD MSD Lab Sample ID: 240-17467-2 MSD

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/27/2012 04:36 Date Analyzed (2): 11/27/2012 04:36

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	431	435	13.1
		2	2.57	2.52	2.62	433		
		3	3.05	3.00	3.10	478		
		4	3.20	3.15	3.25	445		
		5	3.85	3.80	3.90	387		
	2	1	1.59	1.50	1.60	386	381	
		2	1.90	1.85	1.95	401		
		3	2.33	2.28	2.38	389		
		4	2.46	2.41	2.51	390		
		5	2.87	2.82	2.92	340		
Aroclor-1260	1	1	5.14	5.09	5.19	400	448	24.3
		2	5.38	5.33	5.43	466		
		3	5.77	5.72	5.82	501		
		4	6.50	6.45	6.55	441		
		5	6.91	6.86	6.96	433		
	2	1	4.17	4.12	4.22	330	351	
		2	4.48	4.42	4.52	381		
		3	4.77	4.72	4.82	340		
		4	5.53	5.48	5.58	340		
		5	5.83	5.78	5.88	365		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65753/24-A

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 11/27/2012 08:35 Date Analyzed (2): 11/27/2012 08:35

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	226	254	12.6
		2	2.57	2.52	2.62	255		
		3	3.05	3.00	3.10	278		
		4	3.20	3.15	3.25	270		
		5	3.85	3.80	3.90	240		
	2	1	1.59	1.54	1.64	192	224	
		2	1.90	1.85	1.95	221		
		3	2.33	2.28	2.38	235		
		4	2.46	2.41	2.51	236		
		5	2.87	2.82	2.92	234		
Aroclor-1260	1	1	5.14	5.09	5.19	268	286	11.7
		2	5.38	5.33	5.43	295		
		3	5.77	5.72	5.82	282		
		4	6.50	6.45	6.55	300		
		5	6.91	6.86	6.96	287		
	2	1	4.17	4.12	4.22	244	255	
		2	4.48	4.43	4.53	249		
		3	4.78	4.73	4.83	255		
		4	5.53	5.48	5.58	261		
		5	5.83	5.78	5.88	265		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD Lab Sample ID: 240-17467-2

Matrix: Solid Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected: 11/09/2012 14:00

Extraction Method: 3540C Date Extracted: 11/20/2012 11:06

Sample wt/vol: 29.82(g) Date Analyzed: 11/27/2012 04:06

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(1/cm) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 37.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 66323 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\20121126-15278.b\P1300011.D		
Lims ID:	240-17467-N-2-A	Client ID:	075SD-0002-0001-SD
Inject. Date:	27-Nov-2012 04:06:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015278-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 1/cm	ALS Bottle#:	11
Lims Batch ID:	66323	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m		
Last Update:	27-Nov-2012 09:54:17	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:	XAWRK003		
First Level Reviewer: hassl		Date:	27-Nov-2012 09:48:51

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	34804539	0.0152			
2	2	1.649	1.648	0.001	24044047	0.0167			
						RPD = 9.29			
3 PCB-1221									1
1	2		1.441						
1	3		1.593						
1	4		1.555						
2	4		1.946						
2	5		2.086						
2	6		2.146						
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						

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		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.873						
2	6		2.145						
2	7		2.568						
2	8		3.050						
2	9		3.198						
2	10		3.716						
6 PCB-1016									
1	100		1.553						
1	2		1.900						
1	3		2.327						
1	4		2.460						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.326						
1	3		2.872						
1	4		3.494						
1	5		3.963						
2	6		2.567						
2	7		3.048						
2	8		3.717						
2	9		3.848						
2	10		4.913						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.267						
1	4		4.474						
1	5		4.776						
2	6		4.409						
2	7		4.913						
2	8		5.176						
2	9		5.557						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.169	4.167	0.002	3034588	0.0299		100.0	
1	2	4.477	4.474	0.003	6120417	0.0305	175.1- 225.1	201.7	
1	3	4.779	4.774	0.005	8601295	0.0430	173.2- 223.2	283.4	
1	4	5.527	5.526	0.001	5038419	0.0185	244.1- 294.1	166.0	
1	5	5.826	5.828	-0.002	4903358	0.0380	101.5- 151.5	161.6	
			Average of Peak Amounts =			0.0320			
2	6	5.134	5.136	-0.002	3337266	0.0501		100.0	
2	7	0.0	5.382	-5.382	0	0	86.6- 146.6		
2	8	0.0	5.771	-5.771	0	0	142.9- 202.9		
2	9	6.503	6.503	0.000	4142941	0.0291	179.5- 239.5	124.1	
2	10	6.905	6.906	-0.001	3833578	0.0368	121.8- 181.8	114.9	
			Average of Peak Amounts =			0.0387			
						RPD = 18.90			
9 PCB-1262									
1	100		4.477						
1	2		4.910						
1	3		5.174						
1	4		5.526						
1	5		5.882						
2	6		5.383						
2	7		5.883						
2	8		6.206						
2	9		6.503						
2	10		6.905						
11 PCB-1268									
1	100		5.884						
1	2		5.920						
1	3		6.135						
1	4		6.539						
1	5		6.857						
2	6		6.904						
2	7		6.954						
2	8		7.233						
2	9		7.571						
2	10		7.932						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.065	-0.002	36491619	0.0156			
2	2	8.218	8.217	0.001	24210107	0.0180			
						RPD = 13.95			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

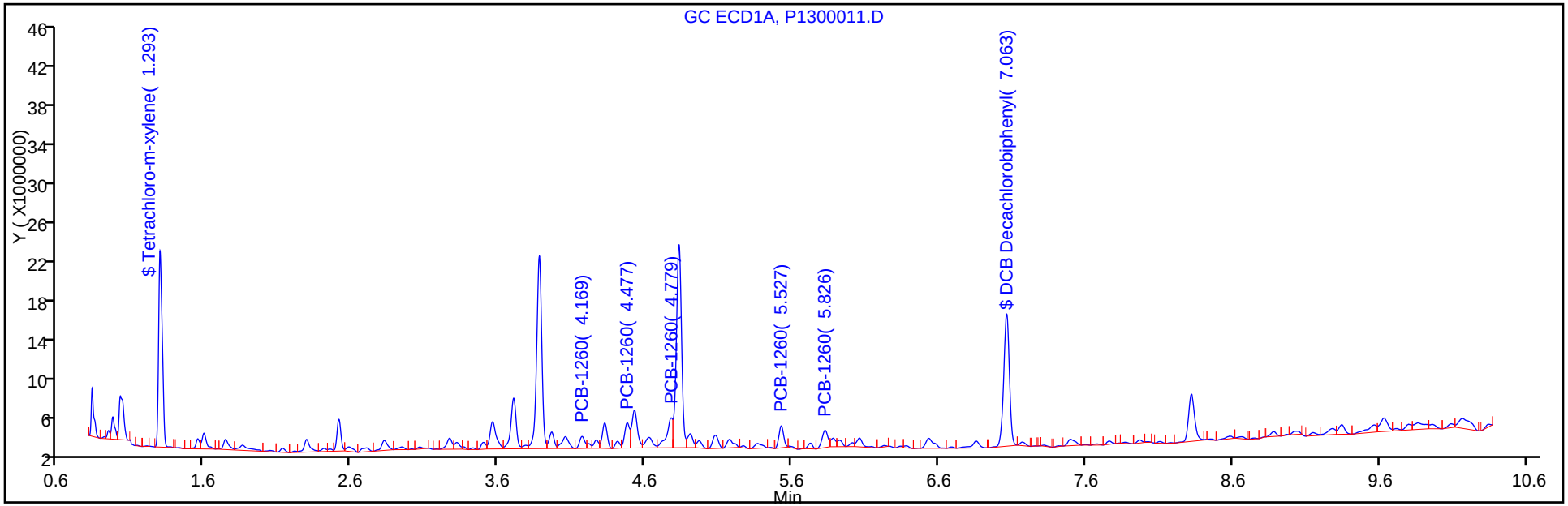
Report Date: 27-Nov-2012 09:54:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

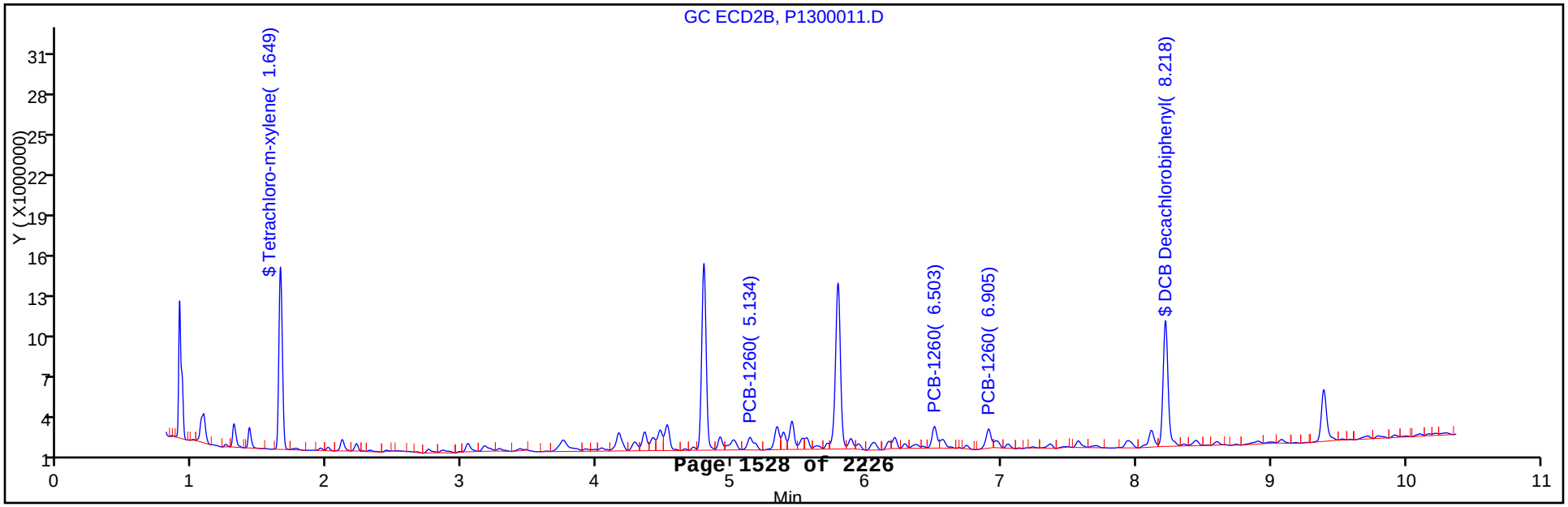
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300011.D

Injection Date:	27-Nov-2012 04:06:29	Limit Group:	GC 8082A ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 1/cm
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0002-0001-SD | Lab Sample ID: 240-17467-2

Matrix: Solid | Lab File ID: P1300011.D

Analysis Method: 8082/DOD | Date Collected: 11/09/2012 14:00

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:06

Sample wt/vol: 29.82(g) | Date Analyzed: 11/27/2012 04:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(1/cm) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 37.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66323 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	40	U	80	40	26
12674-11-2	Aroclor-1016	40	U	100	40	34
11141-16-5	Aroclor-1232	40	U	72	40	22
53469-21-9	Aroclor-1242	40	U	64	40	21
12672-29-6	Aroclor-1248	40	U	88	40	27
11097-69-1	Aroclor-1254	40	U	88	40	27
11096-82-5	Aroclor-1260	40	U	88	40	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		40-140
2051-24-3	DCB Decachlorobiphenyl	90		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300011.D		
Lims ID:	240-17467-N-2-A	Client ID:	075SD-0002-0001-SD
Inject. Date:	27-Nov-2012 04:06:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015278-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 1/cm	ALS Bottle#:	11
Lims Batch ID:	66323	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m		
Last Update:	27-Nov-2012 09:54:17	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:	XAWRK003		

First Level Reviewer: hassl Date: 27-Nov-2012 09:48:51

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	34804539	0.0152			
2	2	1.649	1.648	0.001	24044047	0.0167			
						RPD = 9.29			
3 PCB-1221									1
1	2		1.441						
1	3		1.593						
1	4		1.555						
2	4		1.946						
2	5		2.086						
2	6		2.146						
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						

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		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.873						
2	6		2.145						
2	7		2.568						
2	8		3.050						
2	9		3.198						
2	10		3.716						
6 PCB-1016									
1	100		1.553						
1	2		1.900						
1	3		2.327						
1	4		2.460						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.326						
1	3		2.872						
1	4		3.494						
1	5		3.963						
2	6		2.567						
2	7		3.048						
2	8		3.717						
2	9		3.848						
2	10		4.913						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.267						
1	4		4.474						
1	5		4.776						
2	6		4.409						
2	7		4.913						
2	8		5.176						
2	9		5.557						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.169	4.167	0.002	3034588	0.0299		100.0	
1	2	4.477	4.474	0.003	6120417	0.0305	175.1- 225.1	201.7	
1	3	4.779	4.774	0.005	8601295	0.0430	173.2- 223.2	283.4	
1	4	5.527	5.526	0.001	5038419	0.0185	244.1- 294.1	166.0	
1	5	5.826	5.828	-0.002	4903358	0.0380	101.5- 151.5	161.6	
			Average of Peak Amounts =			0.0320			
2	6	5.134	5.136	-0.002	3337266	0.0501		100.0	
2	7	0.0	5.382	-5.382	0	0	86.6- 146.6		
2	8	0.0	5.771	-5.771	0	0	142.9- 202.9		
2	9	6.503	6.503	0.000	4142941	0.0291	179.5- 239.5	124.1	
2	10	6.905	6.906	-0.001	3833578	0.0368	121.8- 181.8	114.9	
			Average of Peak Amounts =			0.0387			
						RPD = 18.90			
9 PCB-1262									
1	100		4.477						
1	2		4.910						
1	3		5.174						
1	4		5.526						
1	5		5.882						
2	6		5.383						
2	7		5.883						
2	8		6.206						
2	9		6.503						
2	10		6.905						
11 PCB-1268									
1	100		5.884						
1	2		5.920						
1	3		6.135						
1	4		6.539						
1	5		6.857						
2	6		6.904						
2	7		6.954						
2	8		7.233						
2	9		7.571						
2	10		7.932						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.065	-0.002	36491619	0.0156			
2	2	8.218	8.217	0.001	24210107	0.0180			
						RPD = 13.95			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

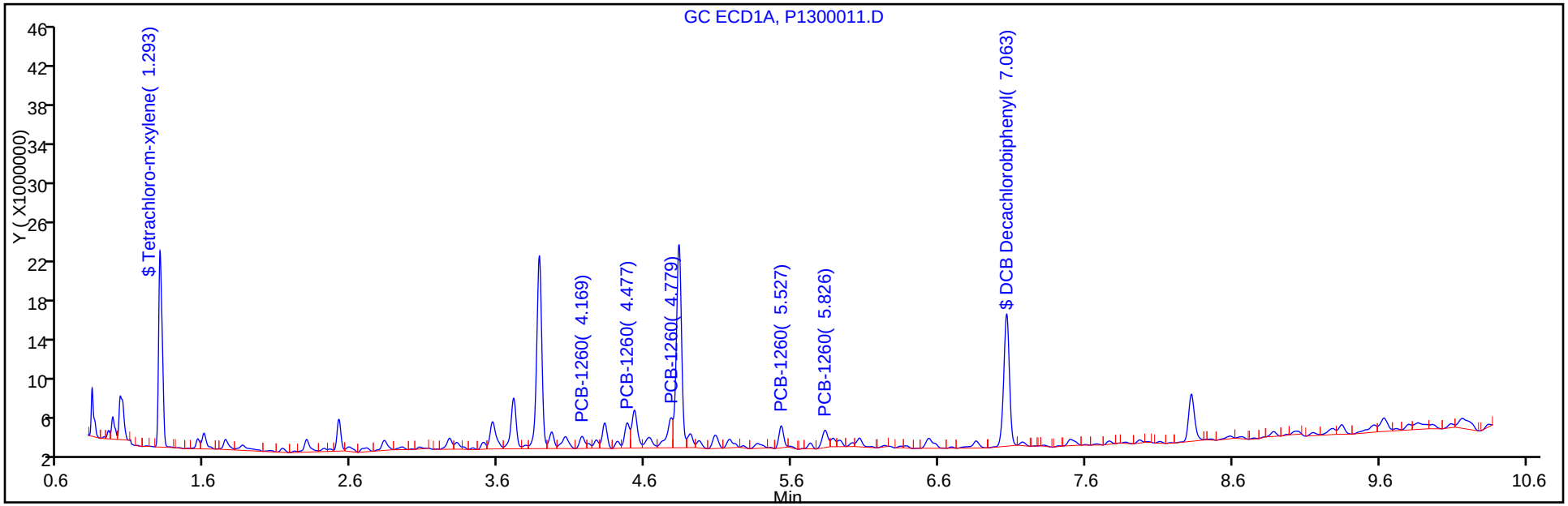
Report Date: 27-Nov-2012 09:54:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

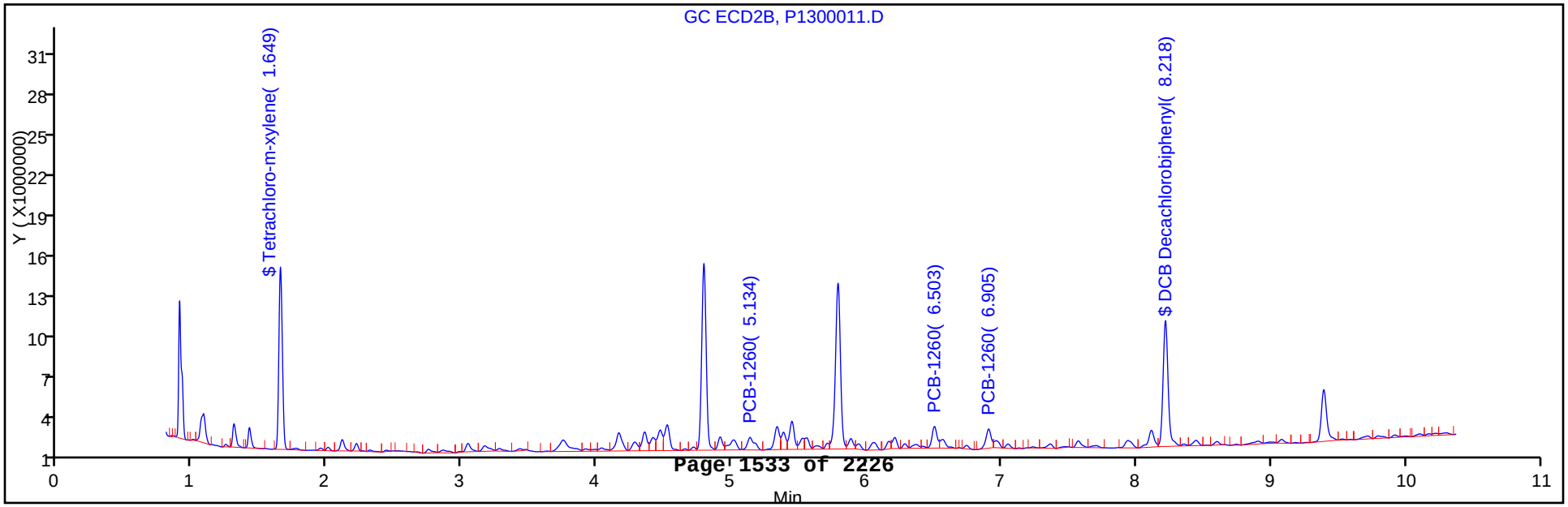
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300011.D

Injection Date:	27-Nov-2012 04:06:29	Limit Group:	GC 8082A ICAL
Client ID:	075SD-0002-0001-SD	Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 1/cm
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD Lab Sample ID: 240-17467-4

Matrix: Solid Lab File ID: P1300014.D

Analysis Method: 8082/DOD Date Collected: 11/09/2012 14:00

Extraction Method: 3540C Date Extracted: 11/20/2012 11:06

Sample wt/vol: 30.38(g) Date Analyzed: 11/27/2012 04:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(1/cm) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 36.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 66323 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\20121126-15278.b\P1300014.D		
Lims ID:	240-17467-E-4-A	Client ID:	075SD-0003-0001-SD
Inject. Date:	27-Nov-2012 04:51:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015278-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 1/cm	ALS Bottle#:	14
Lims Batch ID:	66323	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m		
Last Update:	27-Nov-2012 09:54:17	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:	XAWRK003		
First Level Reviewer: hassl		Date:	27-Nov-2012 09:47:03

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	32782048	0.0144			
2	2	1.650	1.648	0.002	22054348	0.0153			
						RPD = 6.64			
3 PCB-1221									1
1	2		1.441						
1	3		1.593						
1	4		1.555						
2	4		1.946						
2	5		2.086						
2	6		2.146						
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						

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		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.873						
2	6		2.145						
2	7		2.568						
2	8		3.050						
2	9		3.198						
2	10		3.716						
6 PCB-1016									
1	100		1.553						
1	2		1.900						
1	3		2.327						
1	4		2.460						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.326						
1	3		2.872						
1	4		3.494						
1	5		3.963						
2	6		2.567						
2	7		3.048						
2	8		3.717						
2	9		3.848						
2	10		4.913						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.267						
1	4		4.474						
1	5		4.776						
2	6		4.409						
2	7		4.913						
2	8		5.176						
2	9		5.557						
2	10		5.774						

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		4.474						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.136						
2	7		5.382						
2	8		5.771						
2	9		6.503						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	33007637	0.0141			
2	2	8.216	8.217	-0.001	21881425	0.0162			
						RPD = 13.87			

QC Flag Legend

Processing Flags
1 - Missing Peaks

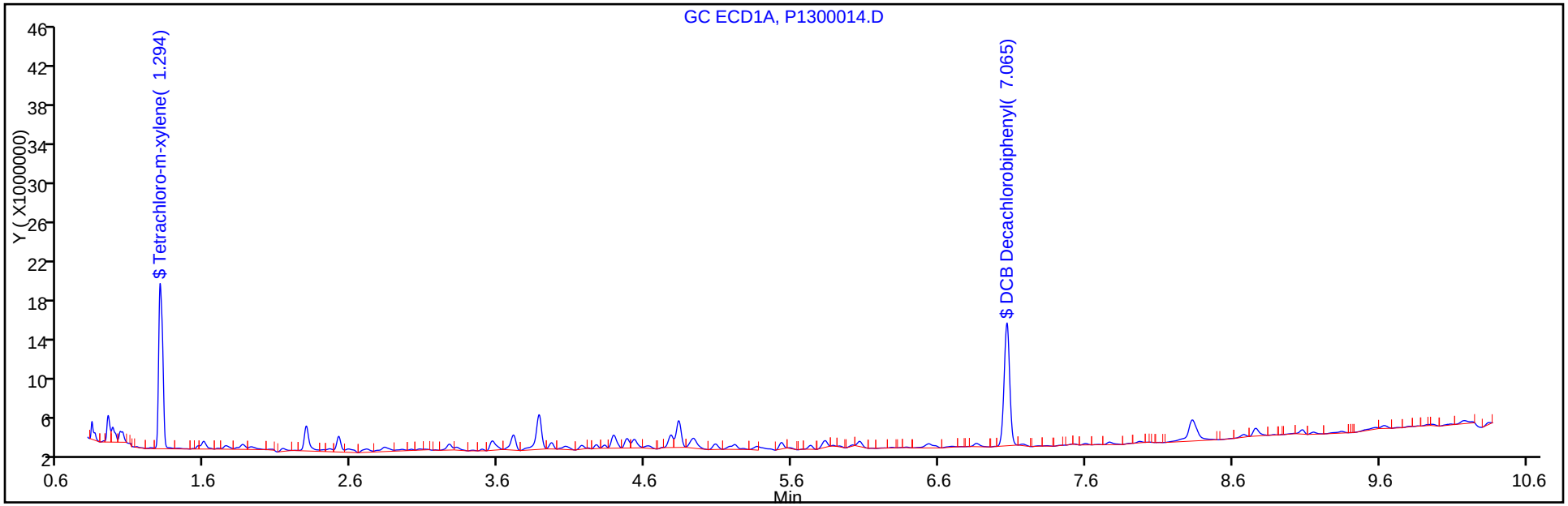
Report Date: 27-Nov-2012 09:54:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

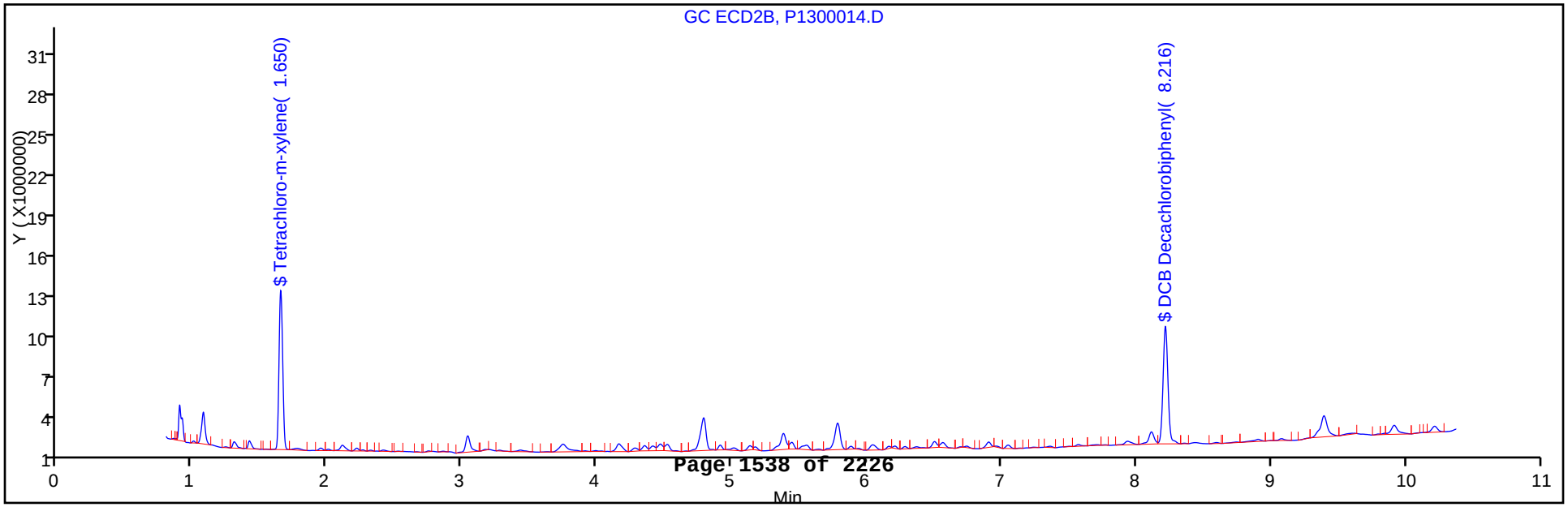
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300014.D

Injection Date:	27-Nov-2012 04:51:13	Limit Group:	GC 8082A ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 1/cm
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.: 240-17467-1

SDG No.:

Client Sample ID: 075SD-0003-0001-SD Lab Sample ID: 240-17467-4

Matrix: Solid Lab File ID: P1300014.D

Analysis Method: 8082/DOD Date Collected: 11/09/2012 14:00

Extraction Method: 3540C Date Extracted: 11/20/2012 11:06

Sample wt/vol: 30.38(g) Date Analyzed: 11/27/2012 04:51

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(1/cm) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 36.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 66323 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	39	U	78	39	25
12674-11-2	Aroclor-1016	39	U	100	39	33
11141-16-5	Aroclor-1232	39	U	70	39	22
53469-21-9	Aroclor-1242	39	U	63	39	20
12672-29-6	Aroclor-1248	39	U	86	39	27
11097-69-1	Aroclor-1254	39	U	86	39	27
11096-82-5	Aroclor-1260	39	U	86	39	27

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	81		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300014.D		
Lims ID:	240-17467-E-4-A	Client ID:	075SD-0003-0001-SD
Inject. Date:	27-Nov-2012 04:51:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015278-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 1/cm	ALS Bottle#:	14
Lims Batch ID:	66323	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m		
Last Update:	27-Nov-2012 09:54:17	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:	XAWRK003		
First Level Reviewer: hassl		Date:	27-Nov-2012 09:47:03

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	32782048	0.0144			
2	2	1.650	1.648	0.002	22054348	0.0153			
						RPD = 6.64			
3 PCB-1221									1
1	2		1.441						
1	3		1.593						
1	4		1.555						
2	4		1.946						
2	5		2.086						
2	6		2.146						
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						

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		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.873						
2	6		2.145						
2	7		2.568						
2	8		3.050						
2	9		3.198						
2	10		3.716						
6 PCB-1016									
1	100		1.553						
1	2		1.900						
1	3		2.327						
1	4		2.460						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.326						
1	3		2.872						
1	4		3.494						
1	5		3.963						
2	6		2.567						
2	7		3.048						
2	8		3.717						
2	9		3.848						
2	10		4.913						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.267						
1	4		4.474						
1	5		4.776						
2	6		4.409						
2	7		4.913						
2	8		5.176						
2	9		5.557						
2	10		5.774						

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		4.474						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.136						
2	7		5.382						
2	8		5.771						
2	9		6.503						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	33007637	0.0141			
2	2	8.216	8.217	-0.001	21881425	0.0162			
						RPD = 13.87			

QC Flag Legend

Processing Flags
1 - Missing Peaks

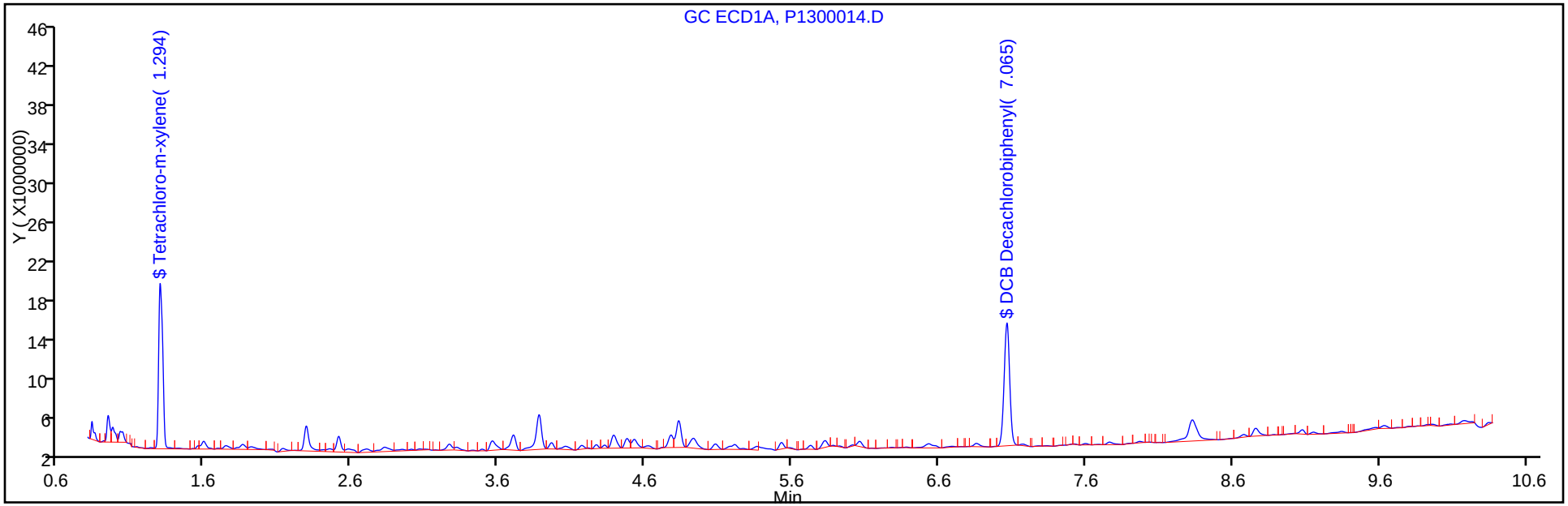
Report Date: 27-Nov-2012 09:54:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

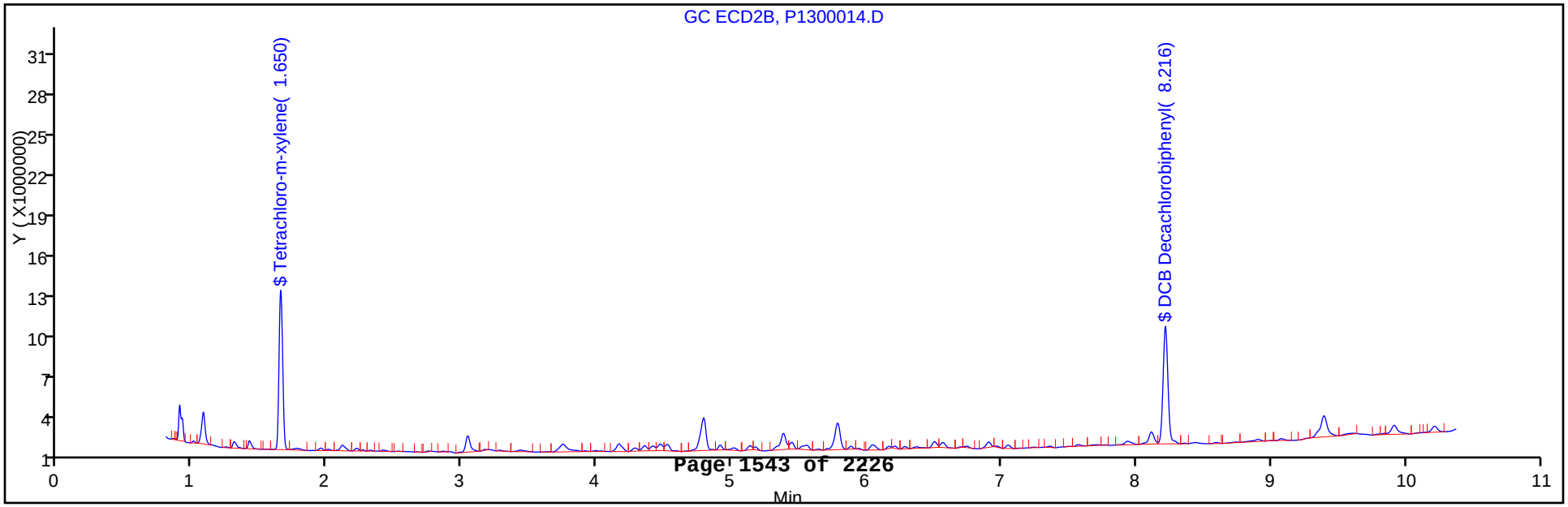
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300014.D

Injection Date:	27-Nov-2012 04:51:13	Limit Group:	GC 8082A ICAL
Client ID:	075SD-0003-0001-SD	Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	1.588	1.587	1.586	1.586	1.586	1.587					1.538 - 1.638	1.587
PCB-1232 Peak 2	1.898	1.897	1.896	1.895	1.895	1.897					1.848 - 1.948	1.896
PCB-1232 Peak 3	2.323	2.322	2.321	2.323	2.322	2.323					2.273 - 2.373	2.322
PCB-1232 Peak 4	2.455	2.455	2.454	2.453	2.453	2.454					2.405 - 2.505	2.454
PCB-1232 Peak 5	2.867	2.868	2.866	2.867	2.866	2.868					2.817 - 2.917	2.867

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.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								
PCB-1232 Peak 1	51764660 37237214	49090910 34310972	44176480	41705868	Ave		43047684.0				16.0		20.0			
PCB-1232 Peak 2	42646440 31853144	39987320 28817742	36283850	34142130	Ave		35621770.9				14.0		20.0			
PCB-1232 Peak 3	75350060 64967291	81371340 62934758	74442310	68841284	Ave		71317840.4				9.8		20.0			
PCB-1232 Peak 4	27198420 26893700	27312400 25313552	28750230	28214782	Ave		27280514.0				4.4		20.0			
PCB-1232 Peak 5	34283460 26108691	32547380 24806478	29294490	28289906	Ave		29221734.2				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.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
PCB-1232 Peak 1	Ave	2588233 68621944	4909091	8835296	20852934	37237214	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	2132322 57635483	3998732	7256770	17071065	31853144	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	3767503 125869515	8137134	14888462	34420642	64967291	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	1359921 50627104	2731240	5750046	14107391	26893700	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	1714173 49612956	3254738	5858898	14144953	26108691	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 21-Oct-2012 16:53:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 62068 Lims Sample ID: 3
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:48 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.588	1.588	0.000	2588233	0.0601		100.0	M
1	2	1.898	1.898	0.000	2132322	0.0599	57.1- 107.1	82.4	
1	3	2.323	2.323	0.000	3767503	0.0528	143.5- 193.5	145.6	
1	4	2.455	2.455	0.000	1359921	0.0498	40.1- 90.1	52.5	
1	5	2.867	2.867	0.000	1714173	0.0587	41.3- 91.3	66.2	
			Average of Peak Amounts =			0.0563			
2	6	2.148	2.148	0.000	1473528	0.0606		100.0	
2	7	2.573	2.573	0.000	1392845	0.0594	67.8- 127.8	94.5	
2	8	3.054	3.054	0.000	2424624	0.0598	132.2- 192.2	164.5	
2	9	3.201	3.201	0.000	1070427	0.0611	40.5- 100.5	72.6	
2	10	3.854	3.854	0.000	896641	0.0604	30.2- 90.2	60.8	
			Average of Peak Amounts =			0.0603			
						RPD = 6.86			

QC Flag Legend

Review Flags
M - Manually Integrated

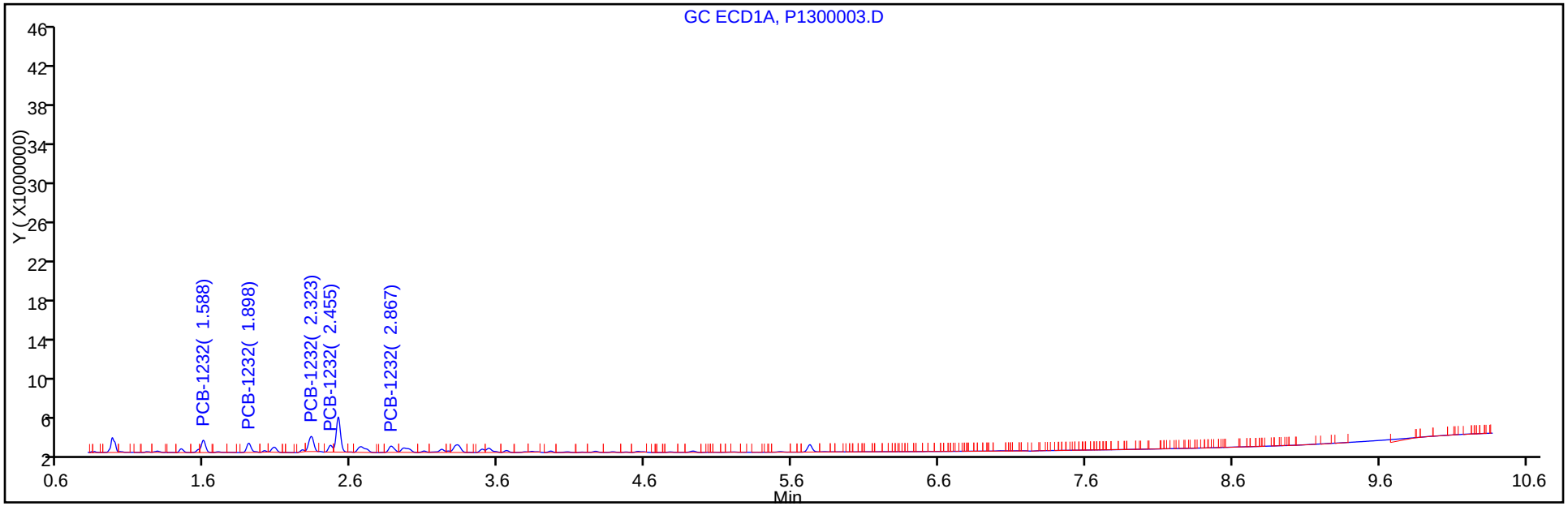
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

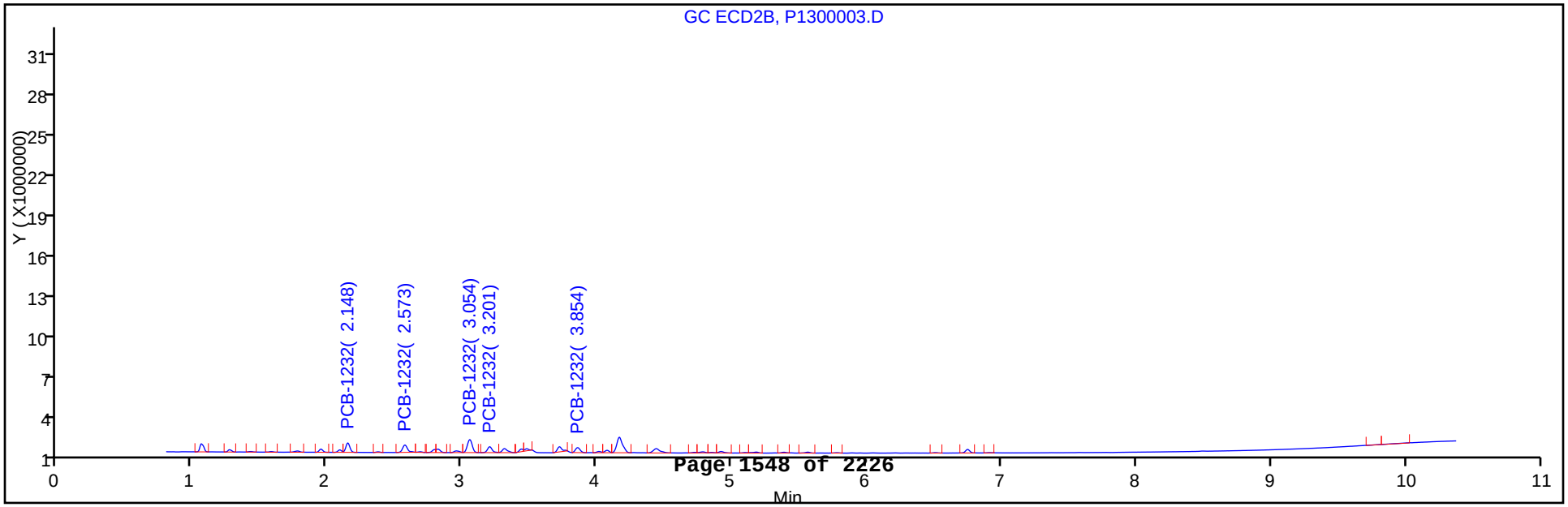
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
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



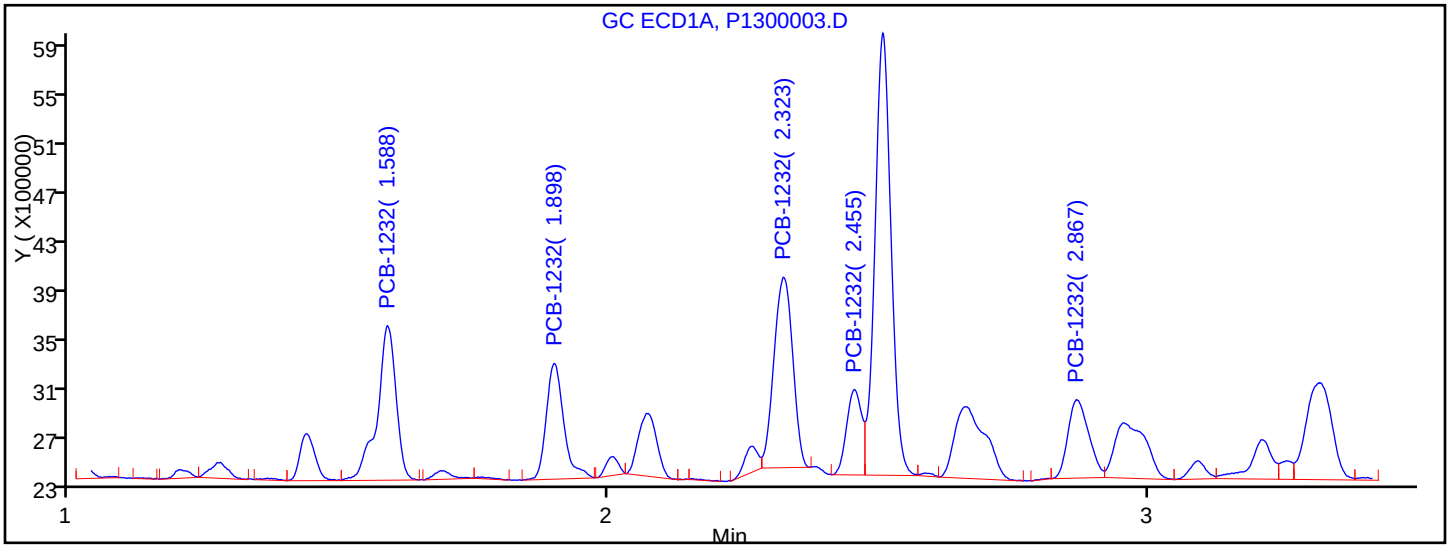
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

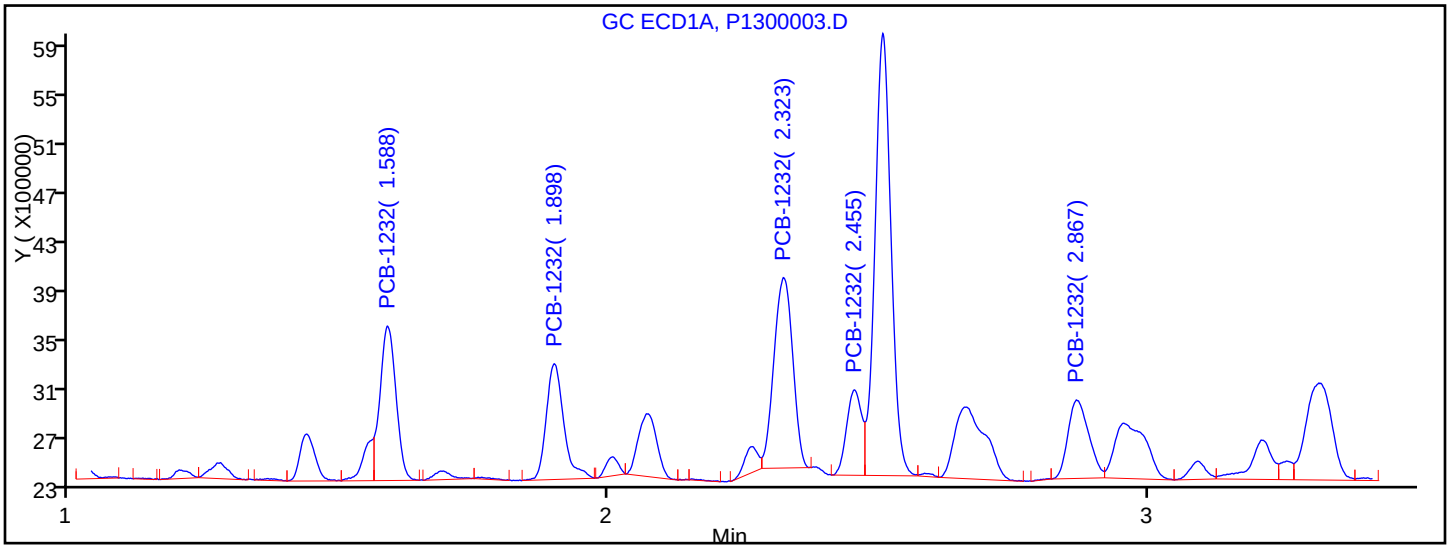
Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.588	Response = 3066179	M
RT = 1.898	Response = 2132322	
RT = 2.323	Response = 3767503	
RT = 2.455	Response = 1359921	
RT = 2.867	Response = 1714173	



Manual Integration Results

RT = 1.588	Response = 2588233	M
RT = 1.898	Response = 2132322	
RT = 2.323	Response = 3767503	
RT = 2.455	Response = 1359921	
RT = 2.867	Response = 1714173	

Reviewer: hassl, 22-Oct-2012 09:01:42

Audit Action: Split an Integrated Peak

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D		
Lims ID:	STD01 1232	Client ID:	
Inject. Date:	21-Oct-2012 17:08:13	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-004		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	62068	Lims Sample ID:	4
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:46	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	4909091	0.1140		100.0	M
1	2	1.897	1.898	-0.001	3998732	0.1123	57.1- 107.1	81.5	
1	3	2.322	2.323	-0.001	8137134	0.1141	143.5- 193.5	165.8	
1	4	2.455	2.455	0.000	2731240	0.1001	40.1- 90.1	55.6	
1	5	2.868	2.867	0.001	3254738	0.1114	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.1104			
2	6	2.148	2.148	0.000	2635543	0.1085		100.0	
2	7	2.572	2.573	-0.001	2464456	0.1050	67.8- 127.8	93.5	
2	8	3.053	3.054	-0.001	4271561	0.1054	132.2- 192.2	162.1	
2	9	3.202	3.201	0.001	1926793	0.1100	40.5- 100.5	73.1	
2	10	3.855	3.854	0.001	1530329	0.1030	30.2- 90.2	58.1	
			Average of Peak Amounts =			0.1064			
						RPD = 3.68			

QC Flag Legend

Review Flags
M - Manually Integrated

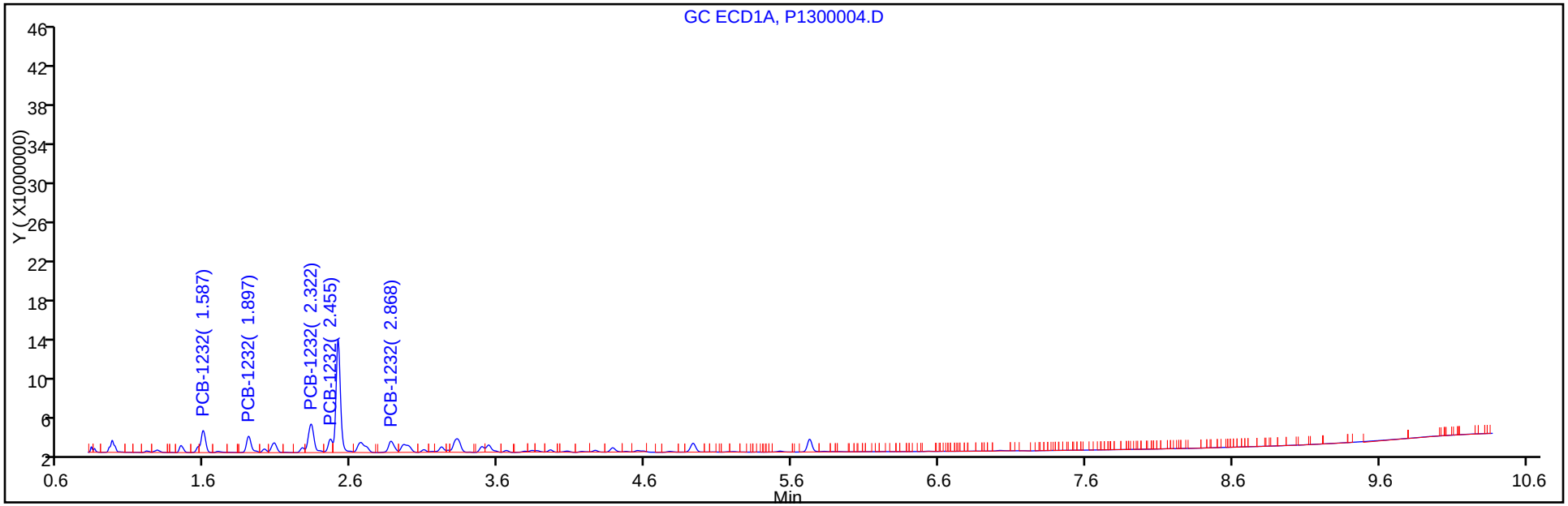
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

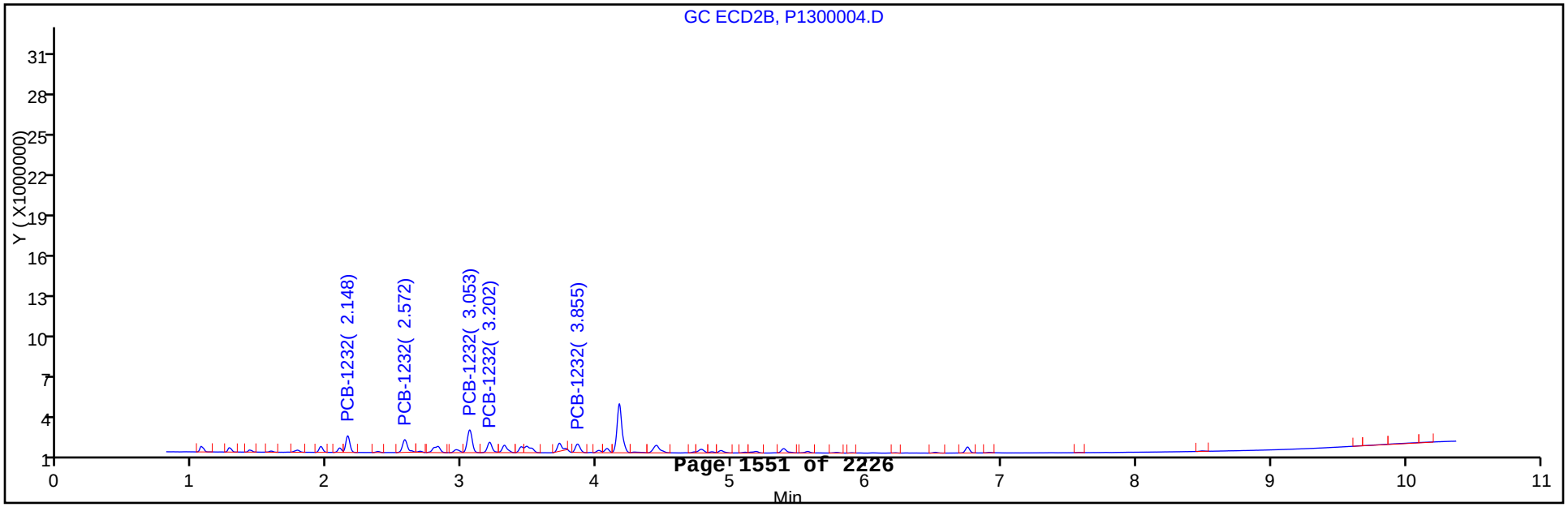
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
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



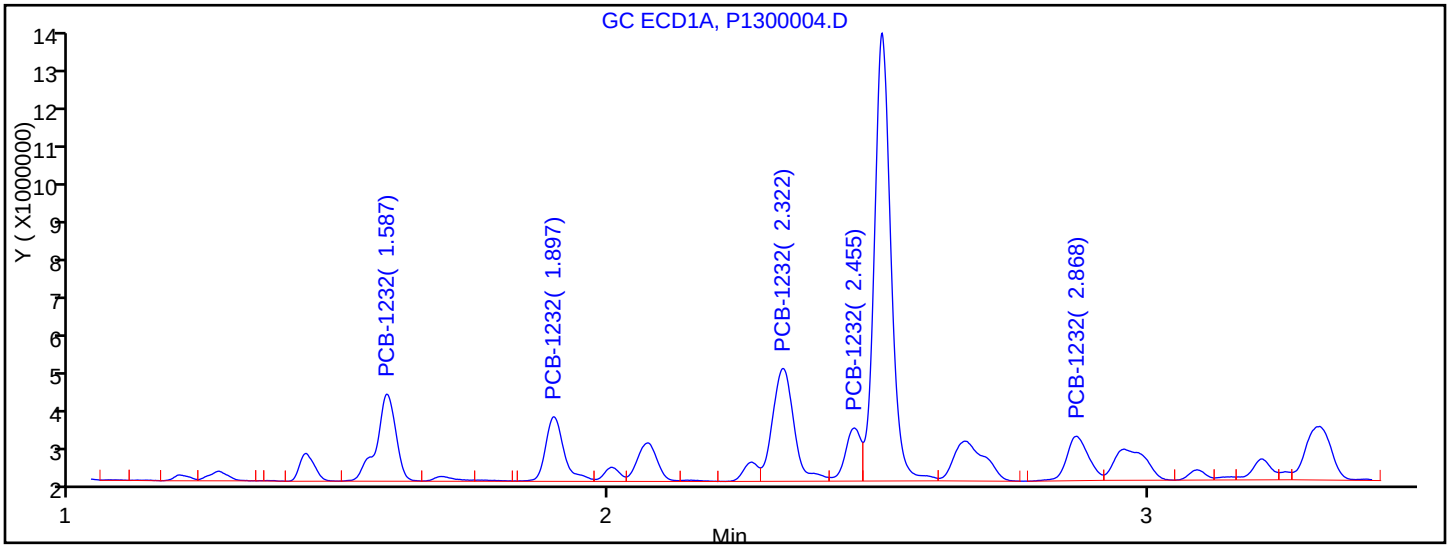
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

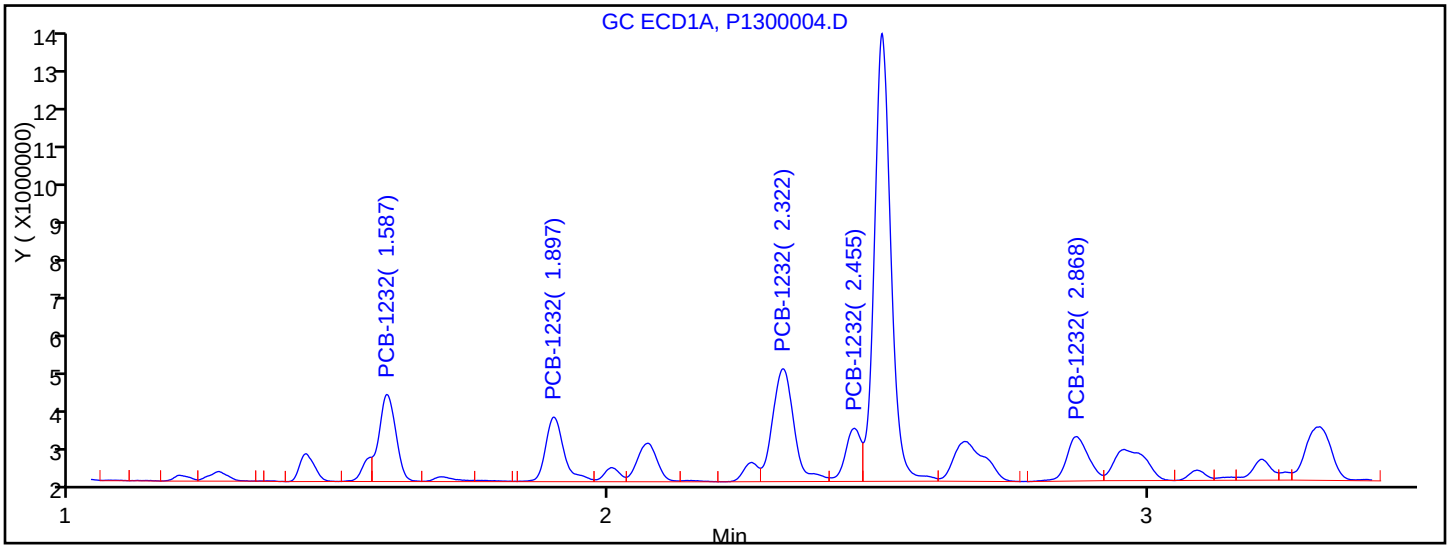
Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 5672452	M
RT = 1.897	Response = 3998732	
RT = 2.322	Response = 8137134	
RT = 2.455	Response = 2731240	
RT = 2.868	Response = 3254738	



Manual Integration Results

RT = 1.587	Response = 4909091	M
RT = 1.897	Response = 3998732	
RT = 2.322	Response = 8137134	
RT = 2.455	Response = 2731240	
RT = 2.868	Response = 3254738	

Reviewer: hassl, 22-Oct-2012 09:01:32

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D		
Lims ID:	STD02 1232	Client ID:	
Inject. Date:	21-Oct-2012 17:23:11	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	62068	Lims Sample ID:	5
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:44	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	8835296	0.2052		100.0	M
1	2	1.896	1.898	-0.002	7256770	0.2037	57.1- 107.1	82.1	
1	3	2.321	2.323	-0.002	14888462	0.2088	143.5- 193.5	168.5	
1	4	2.454	2.455	-0.001	5750046	0.2108	40.1- 90.1	65.1	
1	5	2.866	2.867	-0.001	5858898	0.2005	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.2058			
2	6	2.147	2.148	-0.001	4864632	0.2002		100.0	
2	7	2.571	2.573	-0.002	4757412	0.2027	67.8- 127.8	97.8	
2	8	3.054	3.054	0.000	7889088	0.1947	132.2- 192.2	162.2	
2	9	3.201	3.201	0.000	3428216	0.1958	40.5- 100.5	70.5	
2	10	3.853	3.854	-0.001	2927551	0.1971	30.2- 90.2	60.2	
			Average of Peak Amounts =			0.1981			
						RPD = 3.82			

QC Flag Legend

Review Flags
M - Manually Integrated

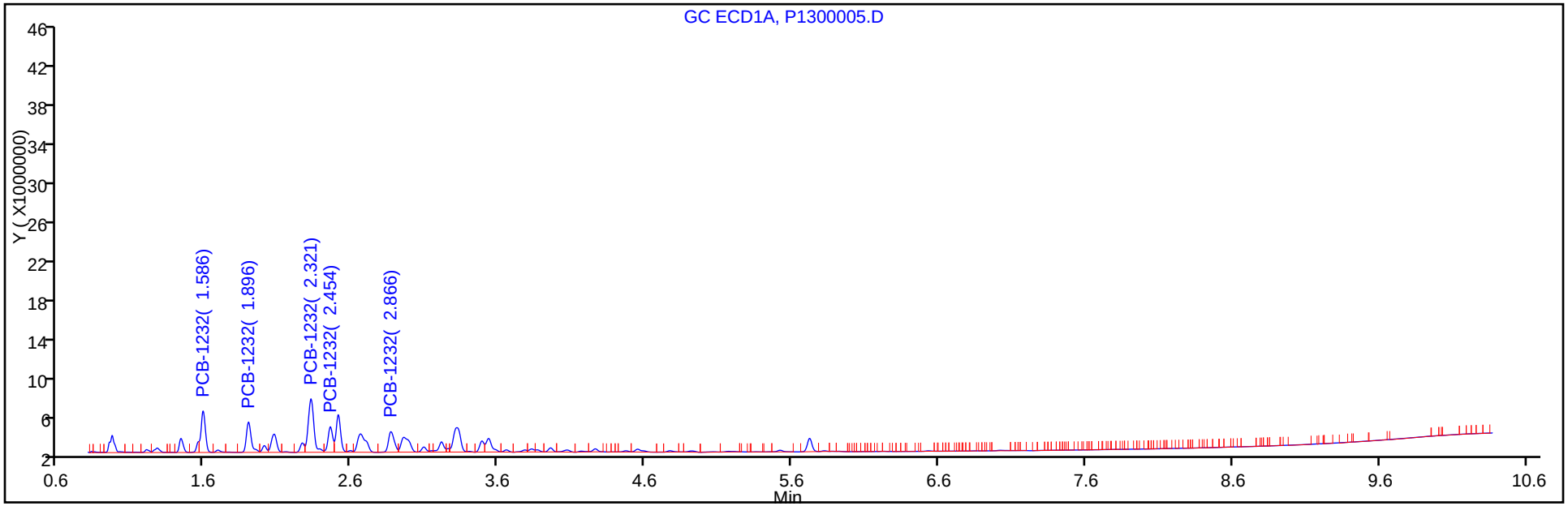
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

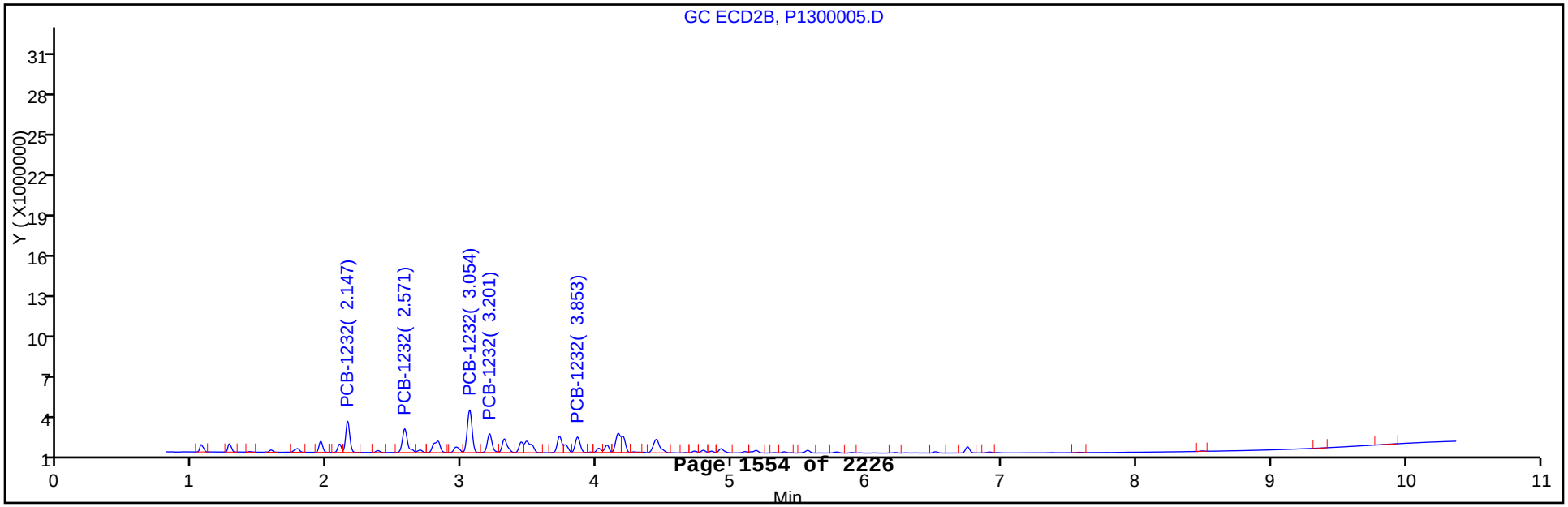
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
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



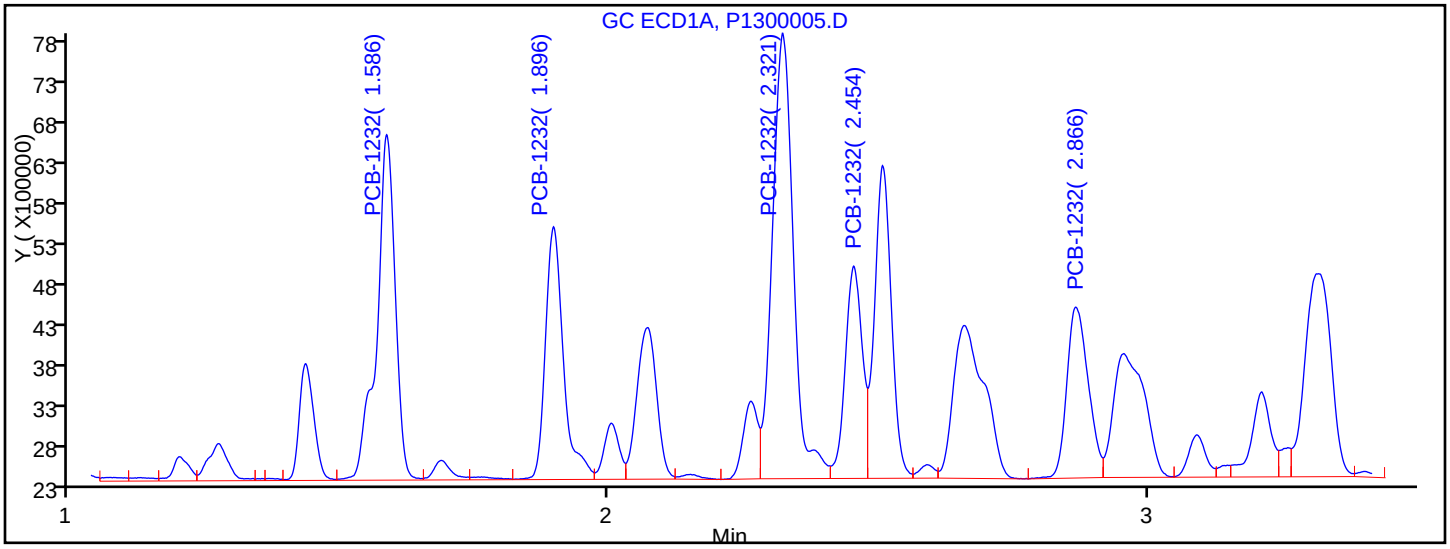
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

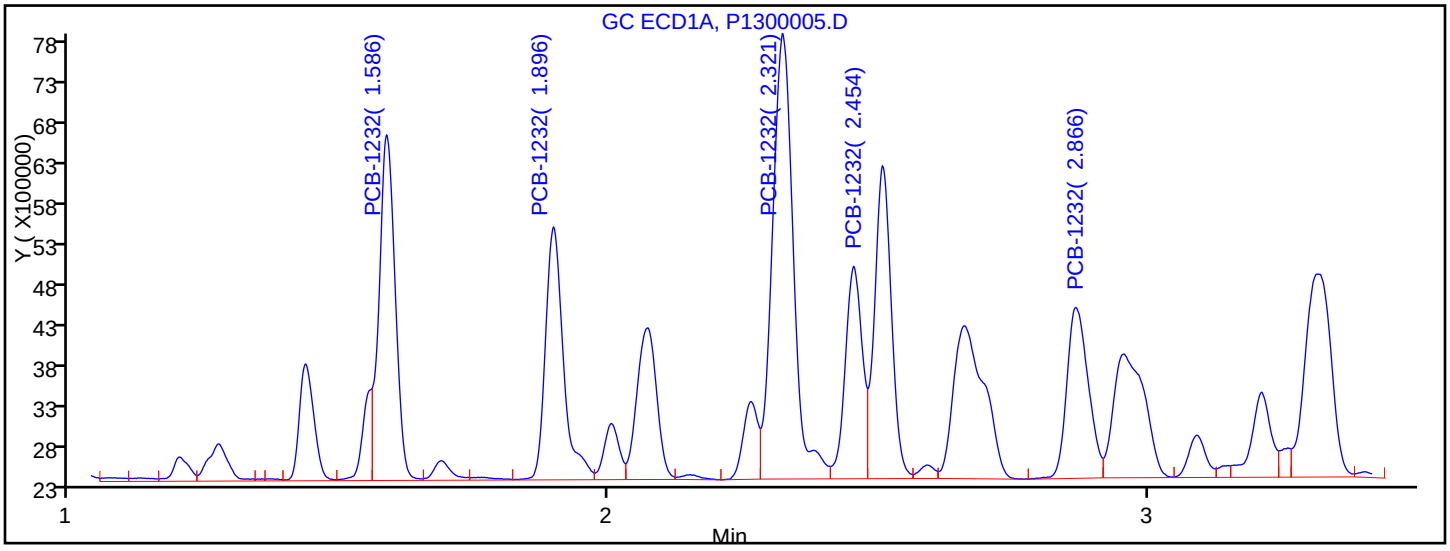
Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 10194719	M
RT = 1.896	Response = 7256770	
RT = 2.321	Response = 14888462	
RT = 2.454	Response = 5750046	
RT = 2.866	Response = 5858898	



Manual Integration Results

RT = 1.586	Response = 8835296	M
RT = 1.896	Response = 7256770	
RT = 2.321	Response = 14888462	
RT = 2.454	Response = 5750046	
RT = 2.866	Response = 5858898	

Reviewer: hassl, 22-Oct-2012 09:01:18

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D		
Lims ID:	STD05 1232	Client ID:	
Inject. Date:	21-Oct-2012 17:38:05	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014228-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	62068	Lims Sample ID:	6
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:43	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	20852934	0.4844		100.0	M
1	2	1.895	1.898	-0.003	17071065	0.4792	57.1- 107.1	81.9	
1	3	2.323	2.323	0.000	34420642	0.4826	143.5- 193.5	165.1	
1	4	2.453	2.455	-0.002	14107391	0.5171	40.1- 90.1	67.7	
1	5	2.867	2.867	0.000	14144953	0.4841	41.3- 91.3	67.8	
			Average of Peak Amounts =			0.4895			
2	6	2.147	2.148	-0.001	11595577	0.4772		100.0	
2	7	2.571	2.573	-0.002	11450223	0.4879	67.8- 127.8	98.7	
2	8	3.053	3.054	-0.001	19421914	0.4792	132.2- 192.2	167.5	
2	9	3.200	3.201	-0.001	8257184	0.4715	40.5- 100.5	71.2	
2	10	3.853	3.854	-0.001	7156405	0.4818	30.2- 90.2	61.7	
			Average of Peak Amounts =			0.4795			
						RPD = 2.06			

QC Flag Legend

Review Flags
M - Manually Integrated

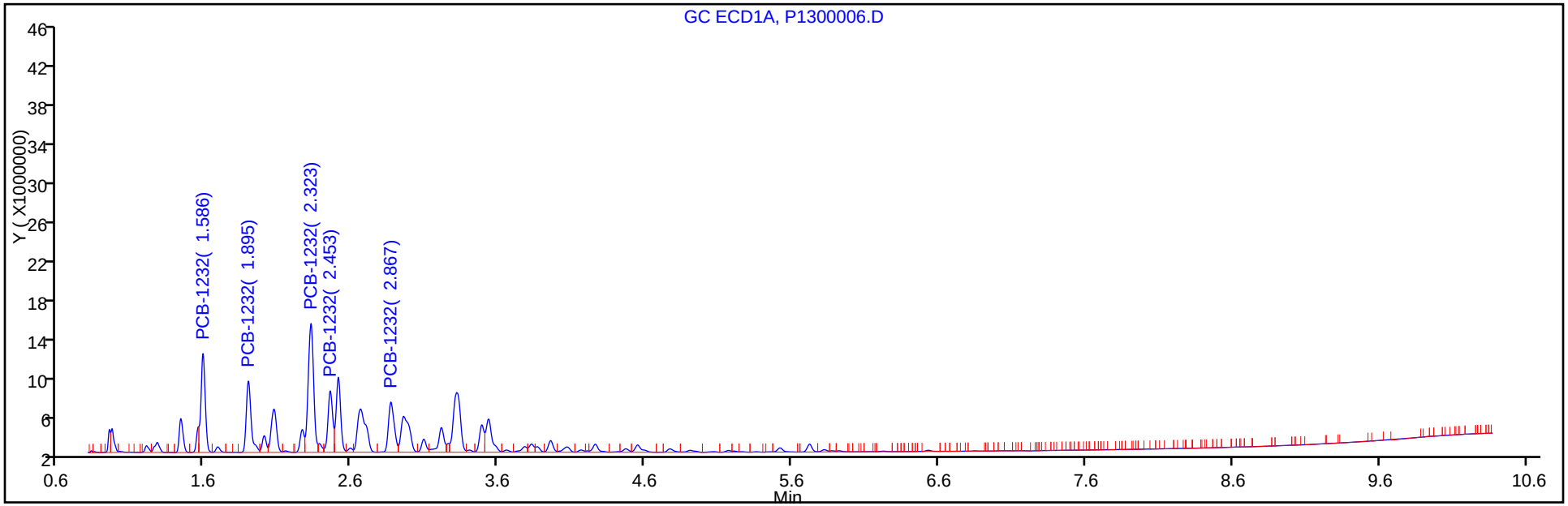
Report Date: 22-Oct-2012 09:18:43 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

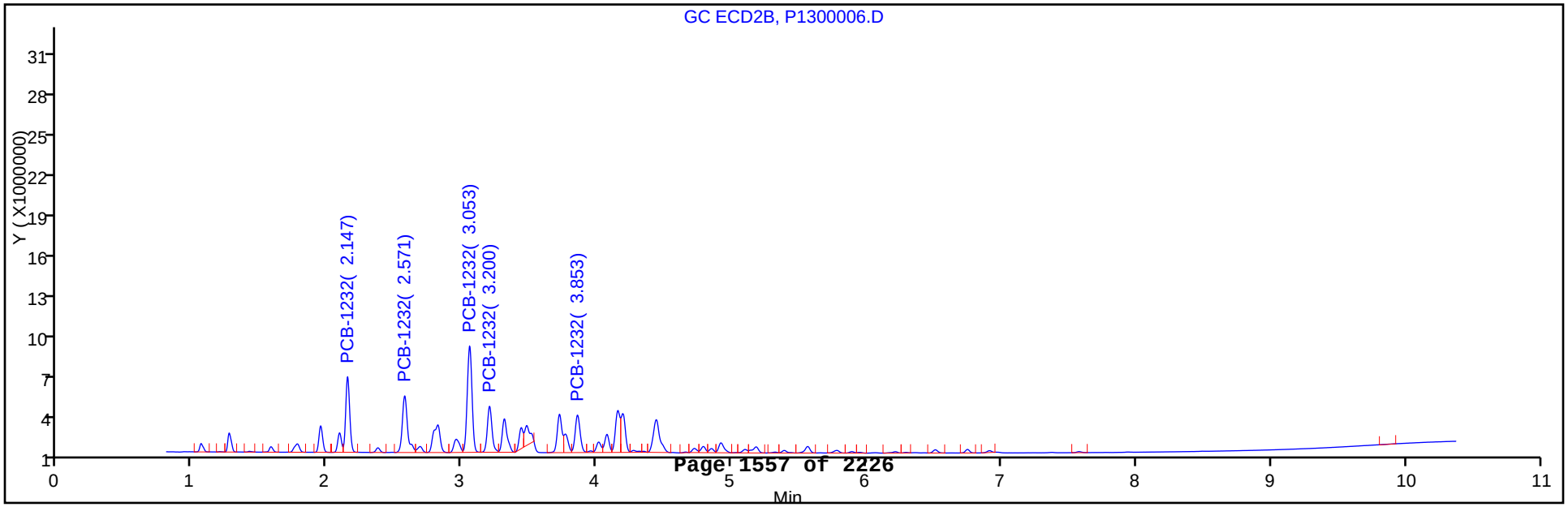
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
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



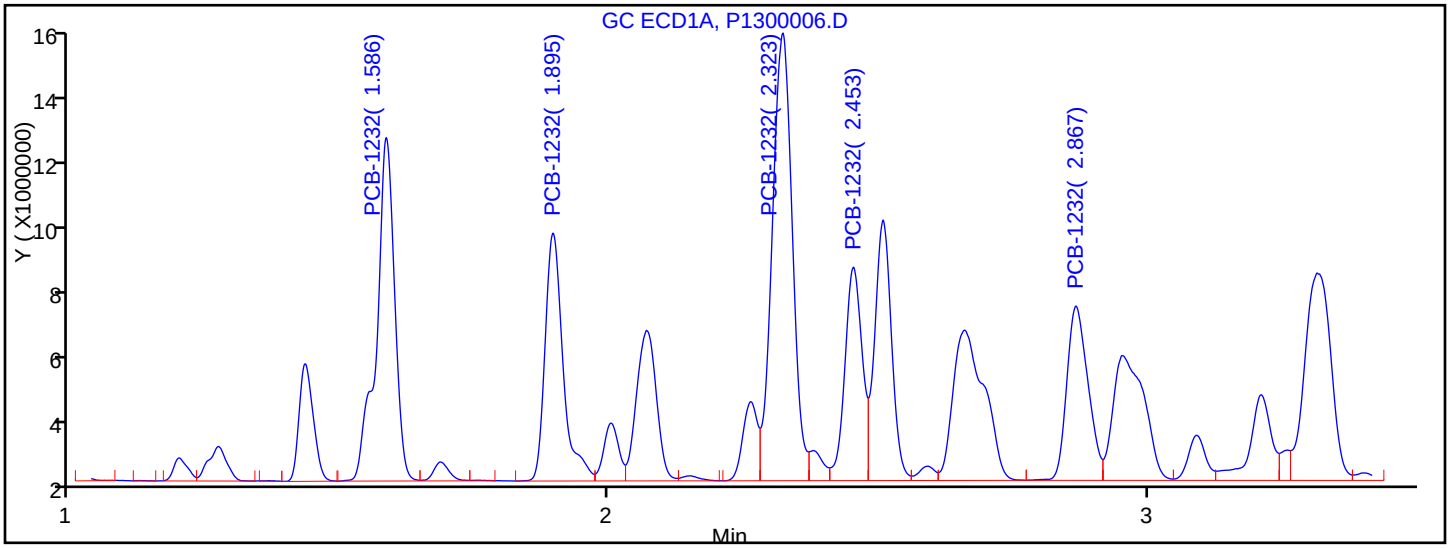
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

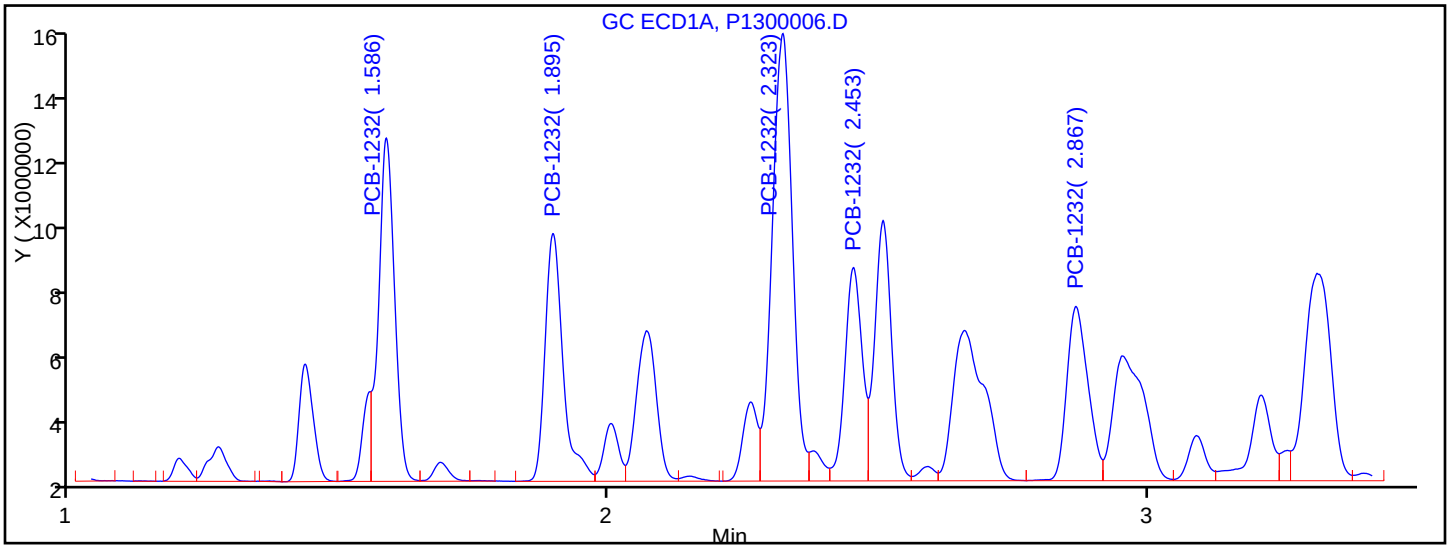
Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 23679458	M
RT = 1.895	Response = 17071065	
RT = 2.323	Response = 34420642	
RT = 2.453	Response = 14107391	
RT = 2.867	Response = 14144953	



Manual Integration Results

RT = 1.586	Response = 20852934	M
RT = 1.895	Response = 17071065	
RT = 2.323	Response = 34420642	
RT = 2.453	Response = 14107391	
RT = 2.867	Response = 14144953	

Reviewer: hassl, 22-Oct-2012 09:01:07

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 21-Oct-2012 17:53:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-007
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 62068 Lims Sample ID: 7
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:41 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.586	1.588	-0.002	37237214	0.8650		100.0	
1	2	1.895	1.898	-0.003	31853144	0.8942	57.1- 107.1	85.5	
1	3	2.322	2.323	-0.001	64967291	0.9110	143.5- 193.5	174.5	
1	4	2.453	2.455	-0.002	26893700	0.9858	40.1- 90.1	72.2	
1	5	2.866	2.867	-0.001	26108691	0.8935	41.3- 91.3	70.1	
			Average of Peak Amounts =			0.9099			
2	6	2.147	2.148	-0.001	22094487	0.9092		100.0	
2	7	2.571	2.573	-0.002	21640533	0.9222	67.8- 127.8	97.9	
2	8	3.052	3.054	-0.002	37930476	0.9359	132.2- 192.2	171.7	
2	9	3.201	3.201	0.000	15896826	0.9077	40.5- 100.5	71.9	
2	10	3.853	3.854	-0.001	13872941	0.9340	30.2- 90.2	62.8	
			Average of Peak Amounts =			0.9218			
						RPD = 1.30			

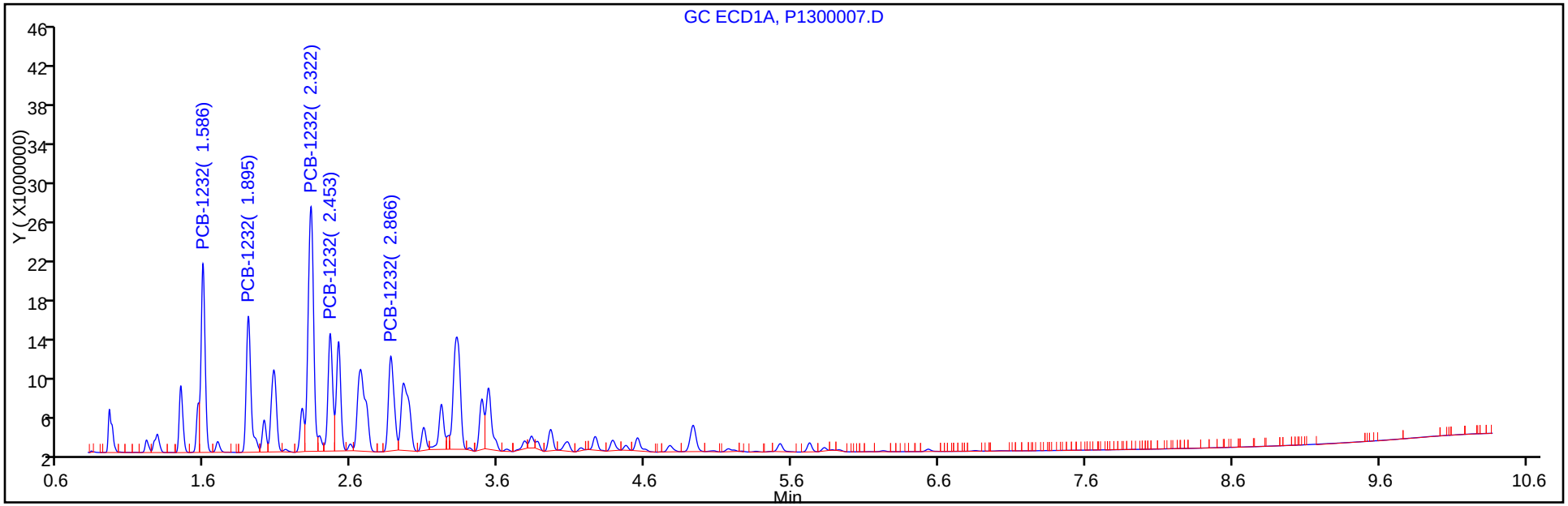
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

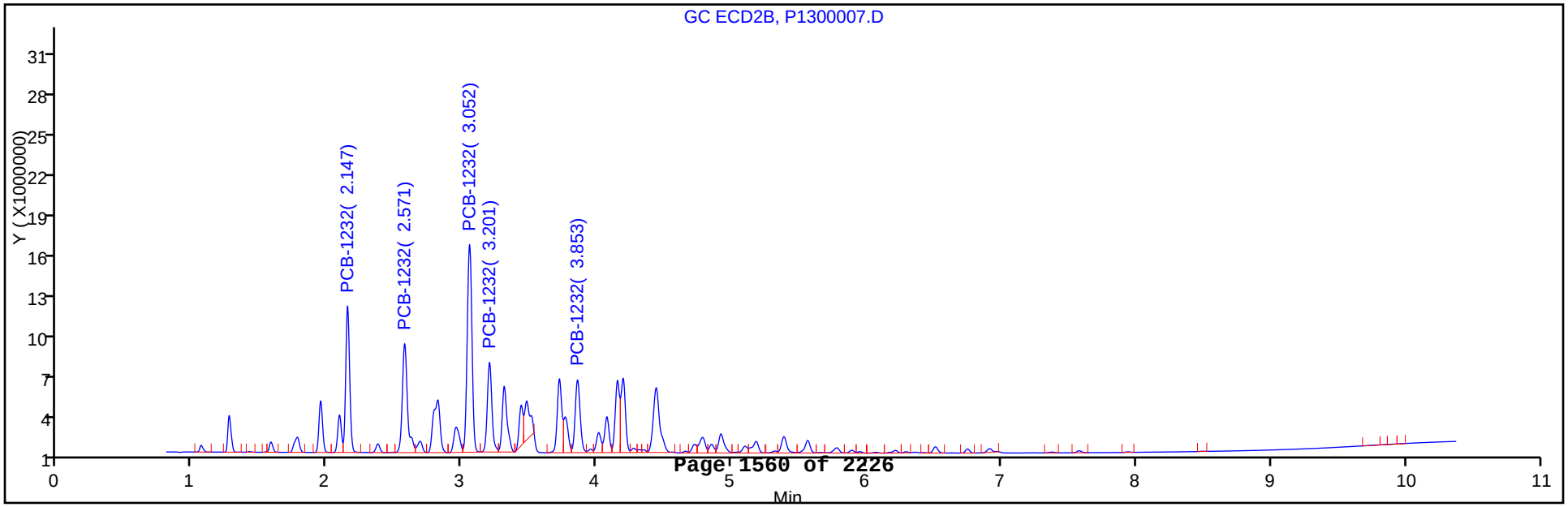
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

Injection Date:	21-Oct-2012 17:53:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	7
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D		
Lims ID:	STD2 1232	Client ID:	
Inject. Date:	21-Oct-2012 18:07:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	62068	Lims Sample ID:	8
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:40	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	68621944	1.59		100.0	M
1	2	1.897	1.898	-0.001	57635483	1.62	57.1- 107.1	84.0	
1	3	2.323	2.323	0.000	125869515	1.76	143.5- 193.5	183.4	
1	4	2.454	2.455	-0.001	50627104	1.86	40.1- 90.1	73.8	
1	5	2.868	2.867	0.001	49612956	1.70	41.3- 91.3	72.3	
			Average of Peak Amounts =			1.71			
2	6	2.148	2.148	0.000	40740192	1.68		100.0	
2	7	2.572	2.573	-0.001	39943050	1.70	67.8- 127.8	98.0	
2	8	3.053	3.054	-0.001	71461098	1.76	132.2- 192.2	175.4	
2	9	3.201	3.201	0.000	29690880	1.70	40.5- 100.5	72.9	
2	10	3.855	3.854	0.001	26115959	1.76	30.2- 90.2	64.1	
			Average of Peak Amounts =			1.72			
						RPD = 0.76			

QC Flag Legend

Review Flags
M - Manually Integrated

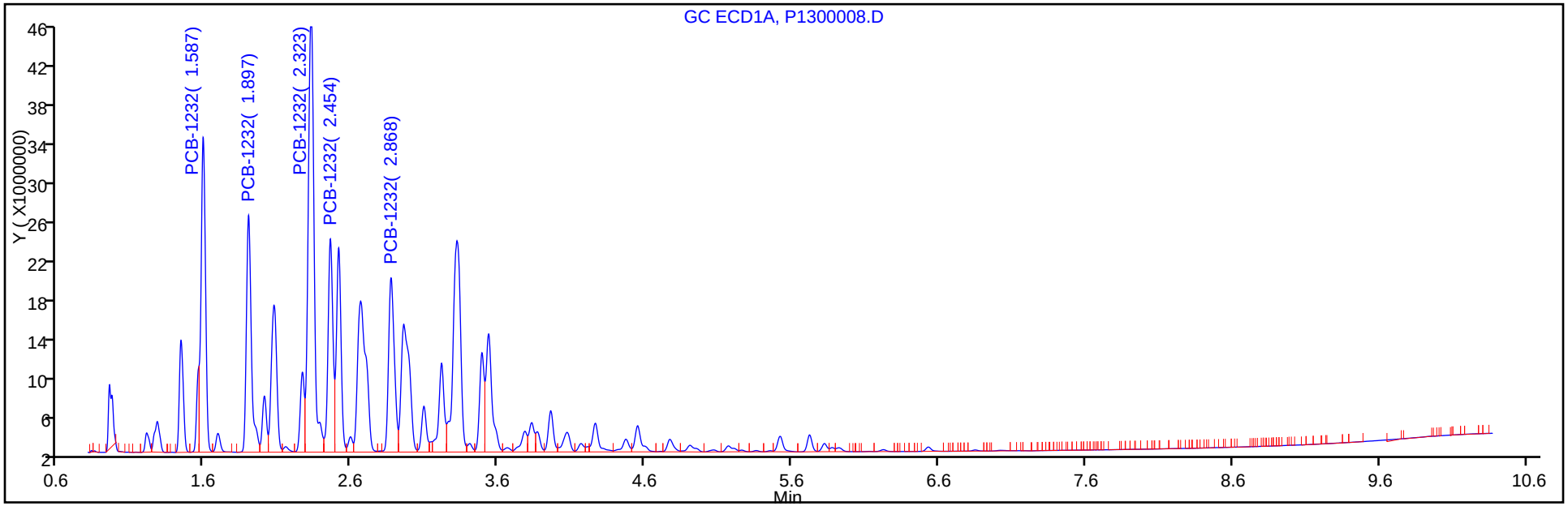
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

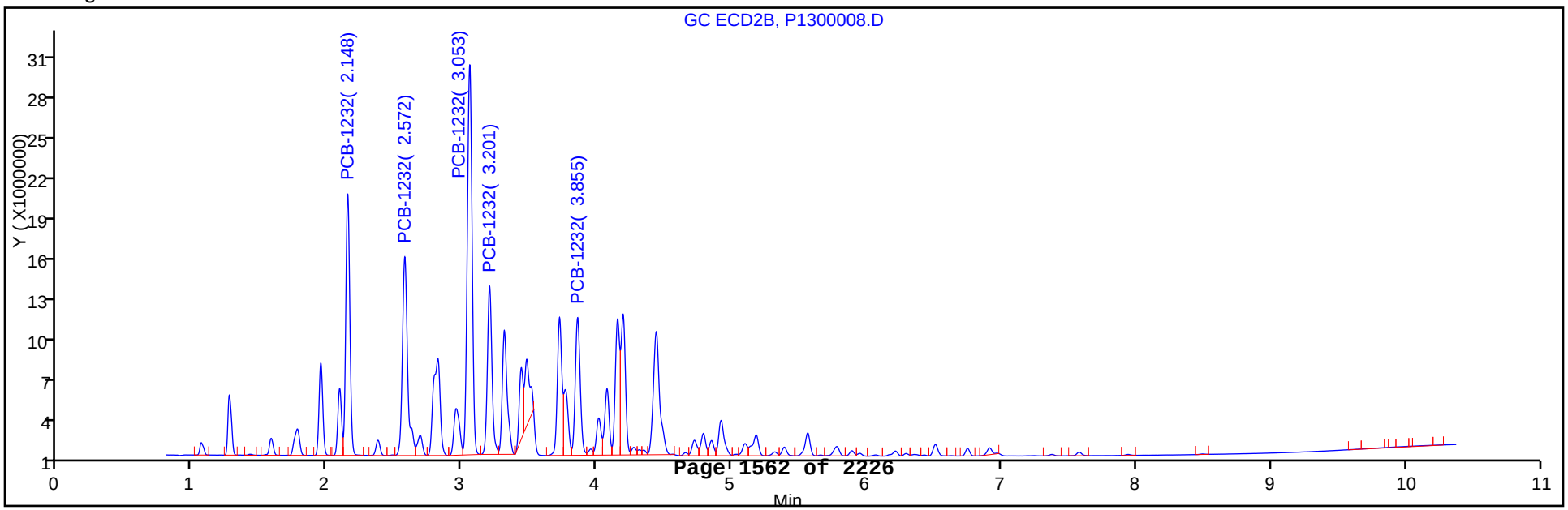
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
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



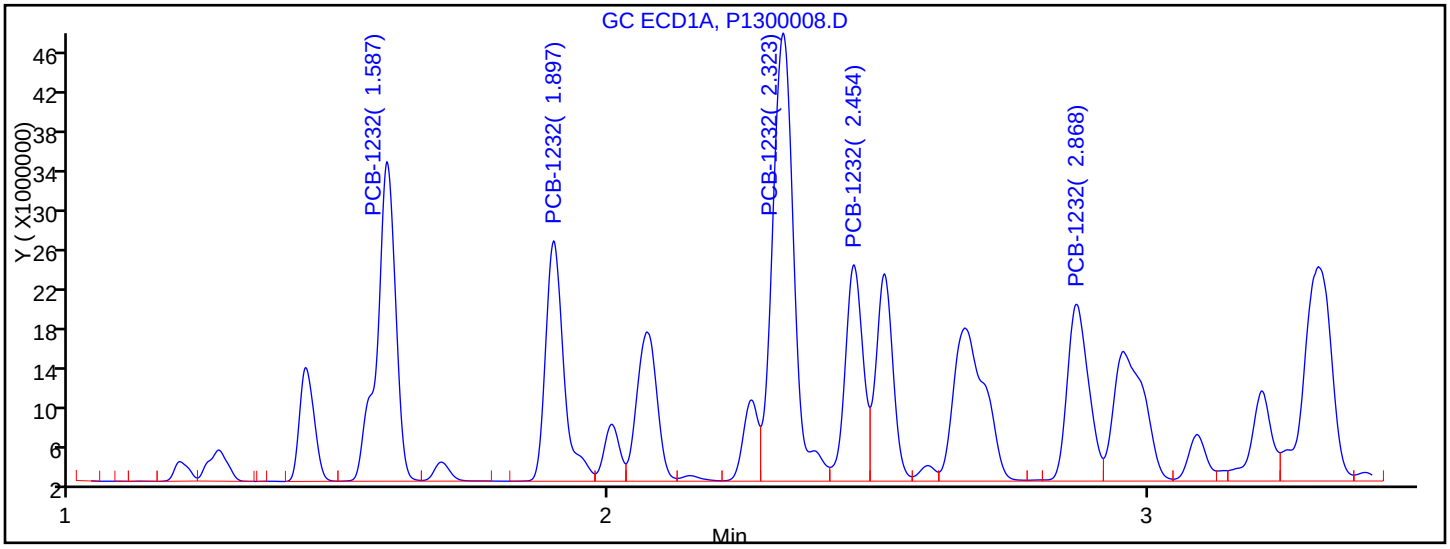
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

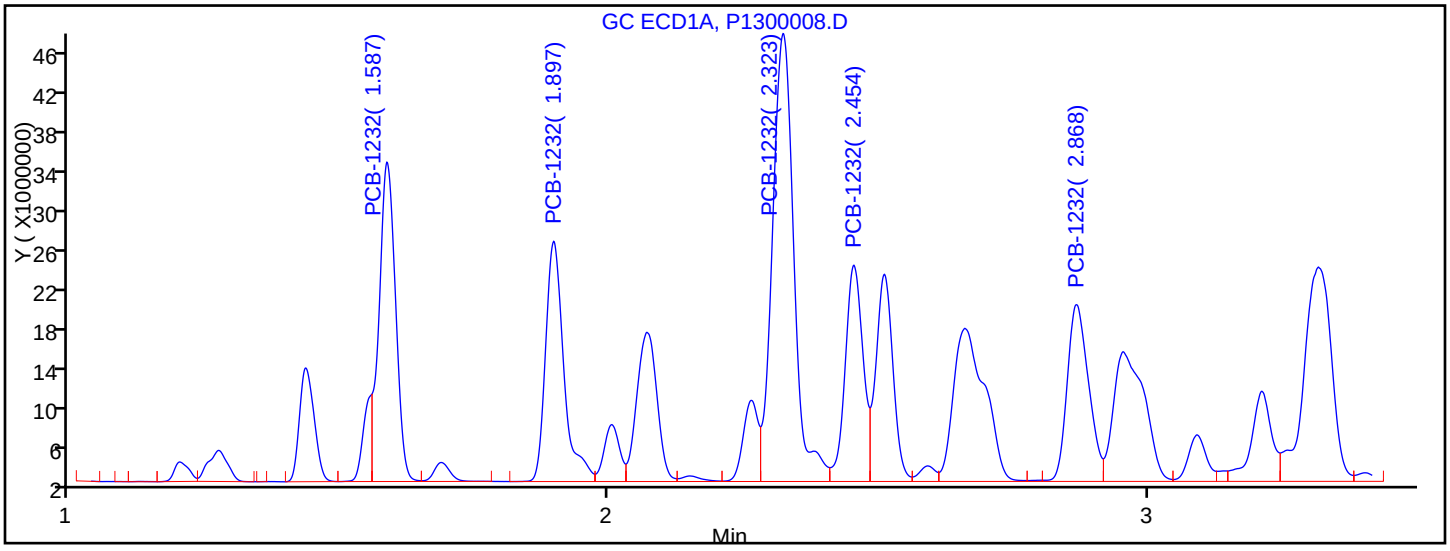
Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 78277832	M
RT = 1.897	Response = 57635483	
RT = 2.323	Response = 125869515	
RT = 2.454	Response = 50627104	
RT = 2.868	Response = 49612956	



Manual Integration Results

RT = 1.587	Response = 68621944	M
RT = 1.897	Response = 57635483	
RT = 2.323	Response = 125869515	
RT = 2.454	Response = 50627104	
RT = 2.868	Response = 49612956	

Reviewer: hassl, 22-Oct-2012 09:02:08

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12013

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	2.148	2.148	2.147	2.147	2.147	2.148					2.098 - 2.198	2.148
PCB-1232 Peak 2	2.573	2.572	2.571	2.571	2.571	2.572					2.523 - 2.623	2.572
PCB-1232 Peak 3	3.054	3.053	3.054	3.053	3.052	3.053					3.004 - 3.104	3.053
PCB-1232 Peak 4	3.201	3.202	3.201	3.200	3.201	3.201					3.151 - 3.251	3.201
PCB-1232 Peak 5	3.854	3.855	3.853	3.853	3.853	3.855					3.804 - 3.904	3.854

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12013

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.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								
PCB-1232 Peak 1	29470560 22094487	26355430 20370096	24323160	23191154	Ave		24300814.5				13.0		20.0			
PCB-1232 Peak 2	27856900 21640533	24644560 19971525	23787060	22900446	Ave		23466837.3				12.0		20.0			
PCB-1232 Peak 3	48492480 37930476	42715610 35730549	39445440	38843828	Ave		40526397.2				11.0		20.0			
PCB-1232 Peak 4	21408540 15896826	19267930 14845440	17141080	16514368	Ave		17512364.0				14.0		20.0			
PCB-1232 Peak 5	17932820 13872941	15303290 13057979	14637755	14312810	Ave		14852932.6				11.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12013

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.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
PCB-1232 Peak 1	Ave	1473528 40740192	2635543	4864632	11595577	22094487	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1392845 39943050	2464456	4757412	11450223	21640533	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2424624 71461098	4271561	7889088	19421914	37930476	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	1070427 29690880	1926793	3428216	8257184	15896826	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	896641 26115959	1530329	2927551	7156405	13872941	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 21-Oct-2012 16:53:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 62068 Lims Sample ID: 3
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:48 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.588	1.588	0.000	2588233	0.0601		100.0	M
1	2	1.898	1.898	0.000	2132322	0.0599	57.1- 107.1	82.4	
1	3	2.323	2.323	0.000	3767503	0.0528	143.5- 193.5	145.6	
1	4	2.455	2.455	0.000	1359921	0.0498	40.1- 90.1	52.5	
1	5	2.867	2.867	0.000	1714173	0.0587	41.3- 91.3	66.2	
			Average of Peak Amounts =			0.0563			
2	6	2.148	2.148	0.000	1473528	0.0606		100.0	
2	7	2.573	2.573	0.000	1392845	0.0594	67.8- 127.8	94.5	
2	8	3.054	3.054	0.000	2424624	0.0598	132.2- 192.2	164.5	
2	9	3.201	3.201	0.000	1070427	0.0611	40.5- 100.5	72.6	
2	10	3.854	3.854	0.000	896641	0.0604	30.2- 90.2	60.8	
			Average of Peak Amounts =			0.0603			
						RPD = 6.86			

QC Flag Legend

Review Flags
M - Manually Integrated

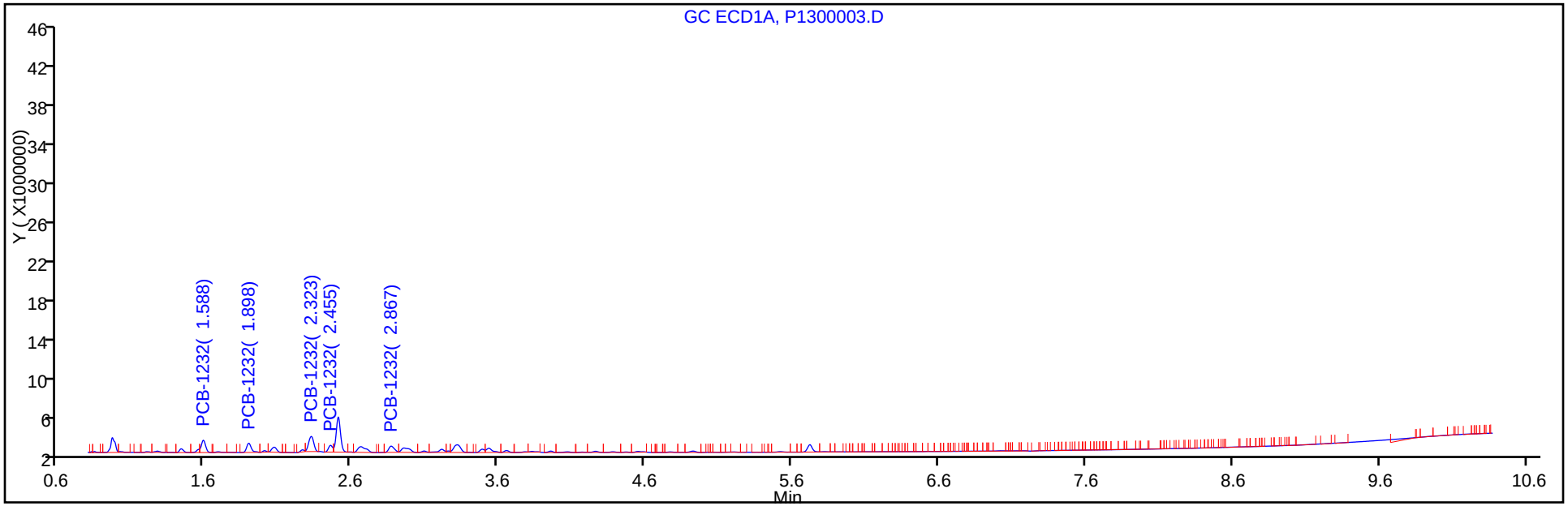
Report Date: 22-Oct-2012 09:18:49 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

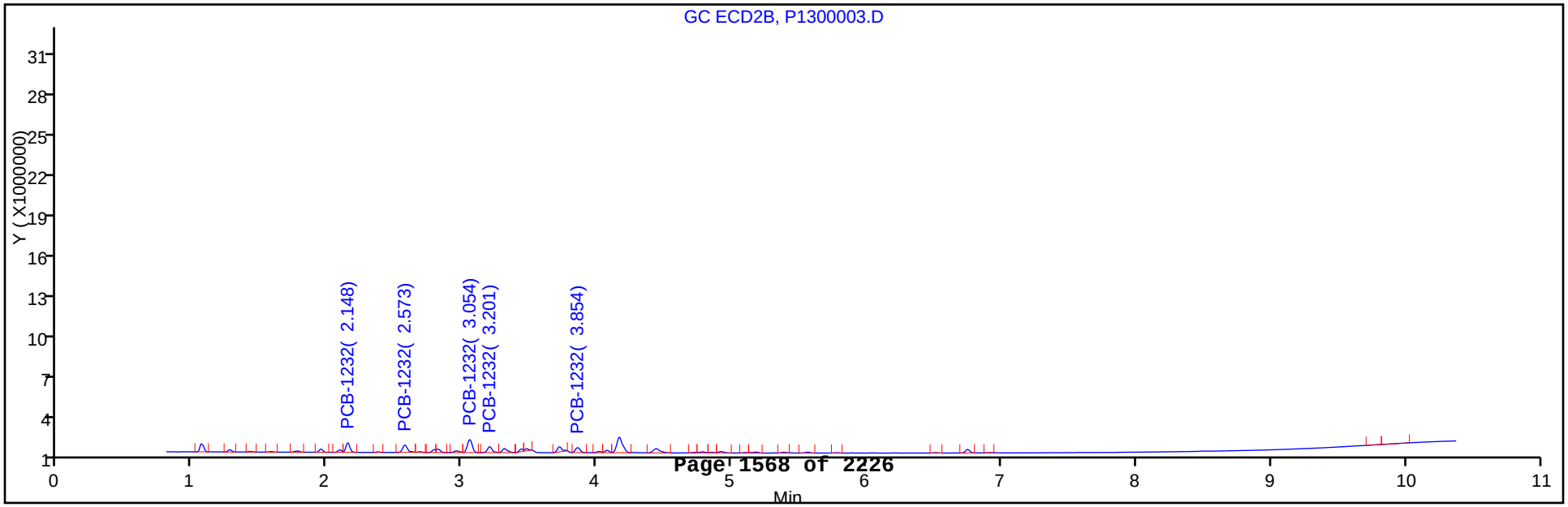
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 21-Oct-2012 17:08:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 62068 Lims Sample ID: 4
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:46 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	4909091	0.1140		100.0	M
1	2	1.897	1.898	-0.001	3998732	0.1123	57.1- 107.1	81.5	
1	3	2.322	2.323	-0.001	8137134	0.1141	143.5- 193.5	165.8	
1	4	2.455	2.455	0.000	2731240	0.1001	40.1- 90.1	55.6	
1	5	2.868	2.867	0.001	3254738	0.1114	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.1104			
2	6	2.148	2.148	0.000	2635543	0.1085		100.0	
2	7	2.572	2.573	-0.001	2464456	0.1050	67.8- 127.8	93.5	
2	8	3.053	3.054	-0.001	4271561	0.1054	132.2- 192.2	162.1	
2	9	3.202	3.201	0.001	1926793	0.1100	40.5- 100.5	73.1	
2	10	3.855	3.854	0.001	1530329	0.1030	30.2- 90.2	58.1	
			Average of Peak Amounts =			0.1064			
						RPD = 3.68			

QC Flag Legend

Review Flags
M - Manually Integrated

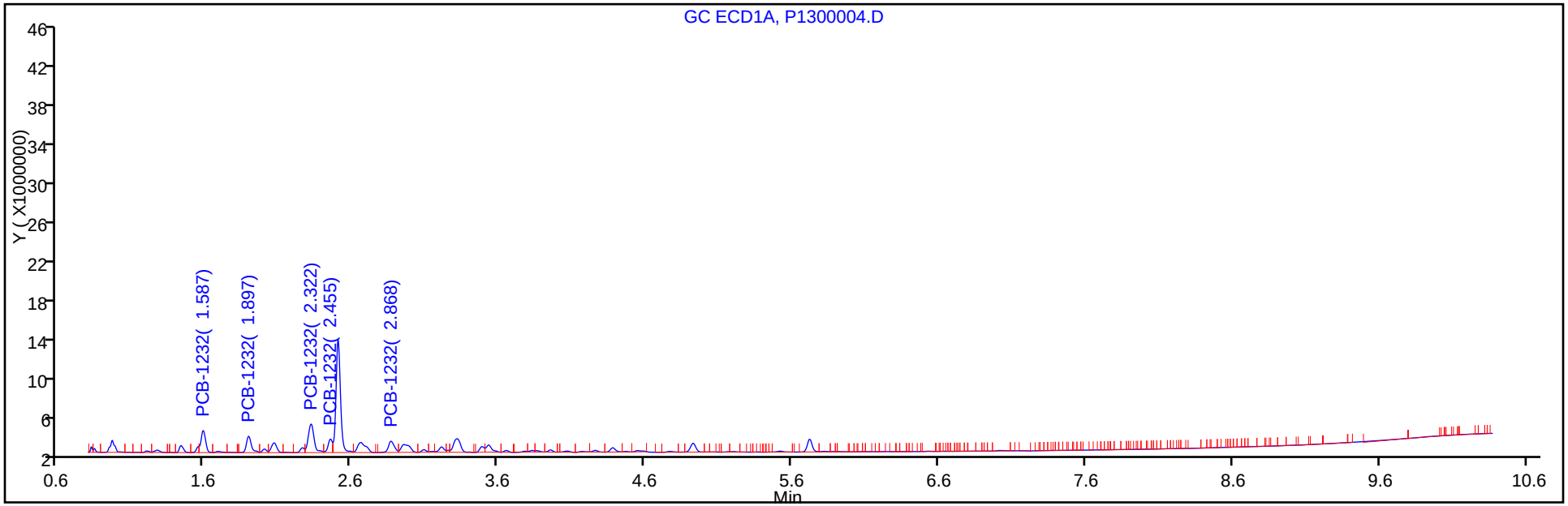
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

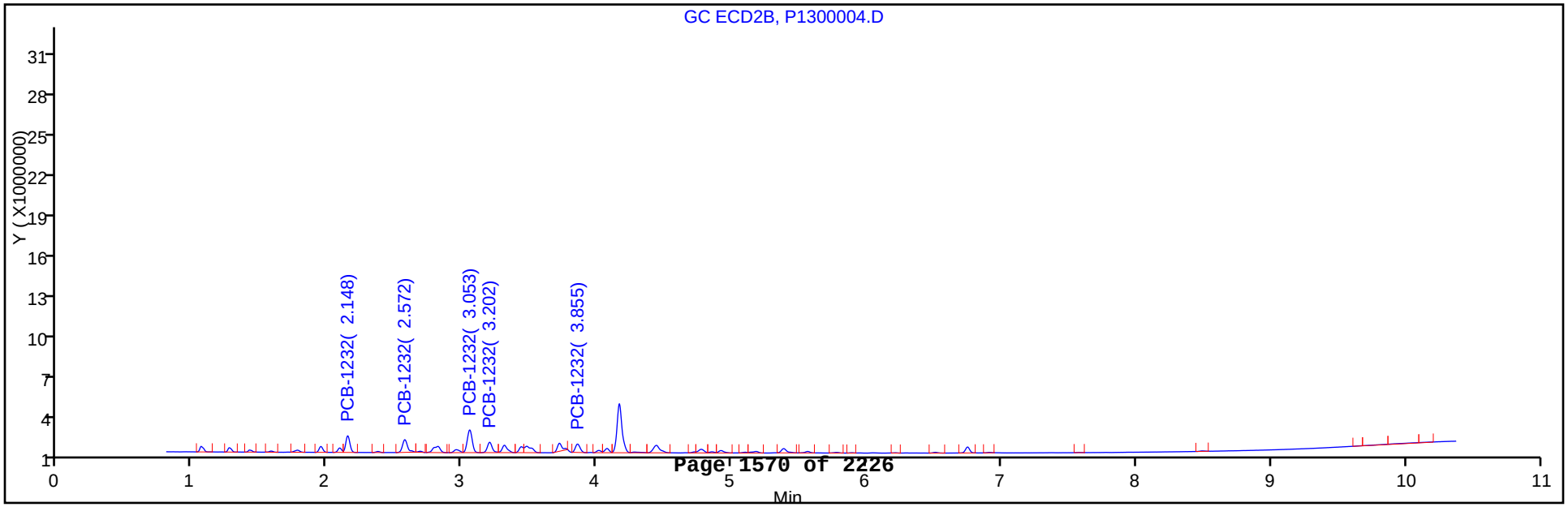
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 21-Oct-2012 17:23:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-005
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 62068 Lims Sample ID: 5
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:44 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	8835296	0.2052		100.0	M
1	2	1.896	1.898	-0.002	7256770	0.2037	57.1- 107.1	82.1	
1	3	2.321	2.323	-0.002	14888462	0.2088	143.5- 193.5	168.5	
1	4	2.454	2.455	-0.001	5750046	0.2108	40.1- 90.1	65.1	
1	5	2.866	2.867	-0.001	5858898	0.2005	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.2058			
2	6	2.147	2.148	-0.001	4864632	0.2002		100.0	
2	7	2.571	2.573	-0.002	4757412	0.2027	67.8- 127.8	97.8	
2	8	3.054	3.054	0.000	7889088	0.1947	132.2- 192.2	162.2	
2	9	3.201	3.201	0.000	3428216	0.1958	40.5- 100.5	70.5	
2	10	3.853	3.854	-0.001	2927551	0.1971	30.2- 90.2	60.2	
			Average of Peak Amounts =			0.1981			
						RPD = 3.82			

QC Flag Legend

Review Flags
M - Manually Integrated

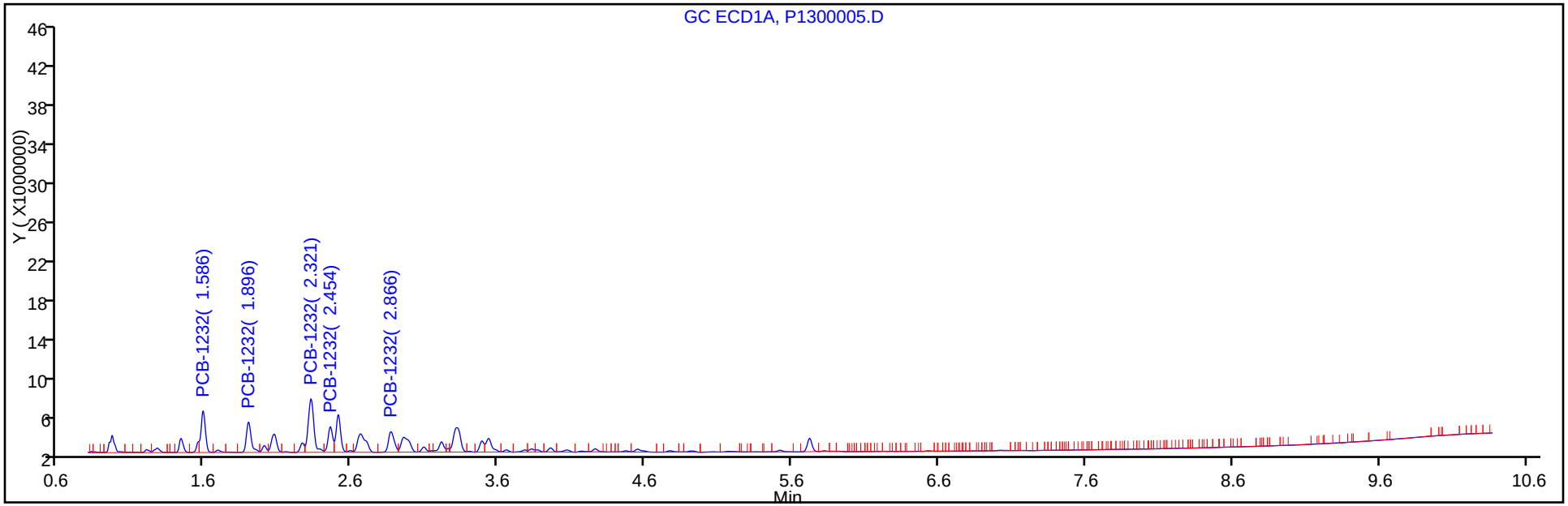
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

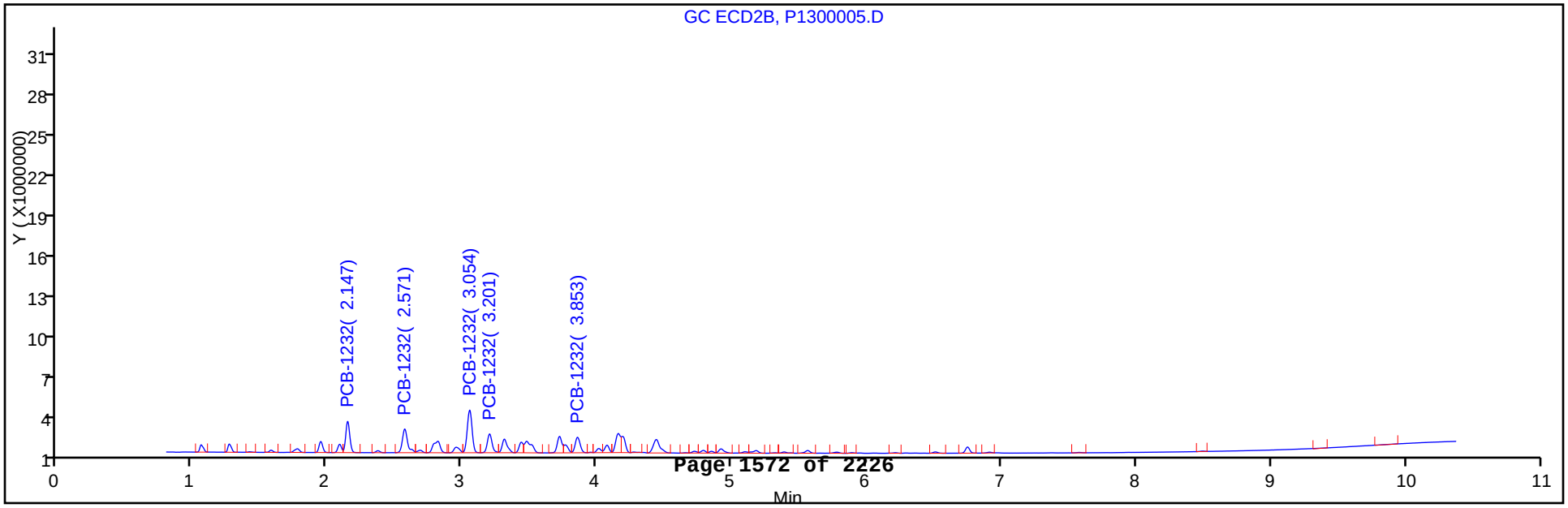
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D		
Lims ID:	STD05 1232	Client ID:	
Inject. Date:	21-Oct-2012 17:38:05	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014228-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	62068	Lims Sample ID:	6
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:43	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	20852934	0.4844		100.0	M
1	2	1.895	1.898	-0.003	17071065	0.4792	57.1- 107.1	81.9	
1	3	2.323	2.323	0.000	34420642	0.4826	143.5- 193.5	165.1	
1	4	2.453	2.455	-0.002	14107391	0.5171	40.1- 90.1	67.7	
1	5	2.867	2.867	0.000	14144953	0.4841	41.3- 91.3	67.8	
			Average of Peak Amounts =			0.4895			
2	6	2.147	2.148	-0.001	11595577	0.4772		100.0	
2	7	2.571	2.573	-0.002	11450223	0.4879	67.8- 127.8	98.7	
2	8	3.053	3.054	-0.001	19421914	0.4792	132.2- 192.2	167.5	
2	9	3.200	3.201	-0.001	8257184	0.4715	40.5- 100.5	71.2	
2	10	3.853	3.854	-0.001	7156405	0.4818	30.2- 90.2	61.7	
			Average of Peak Amounts =			0.4795			
						RPD = 2.06			

QC Flag Legend

Review Flags
M - Manually Integrated

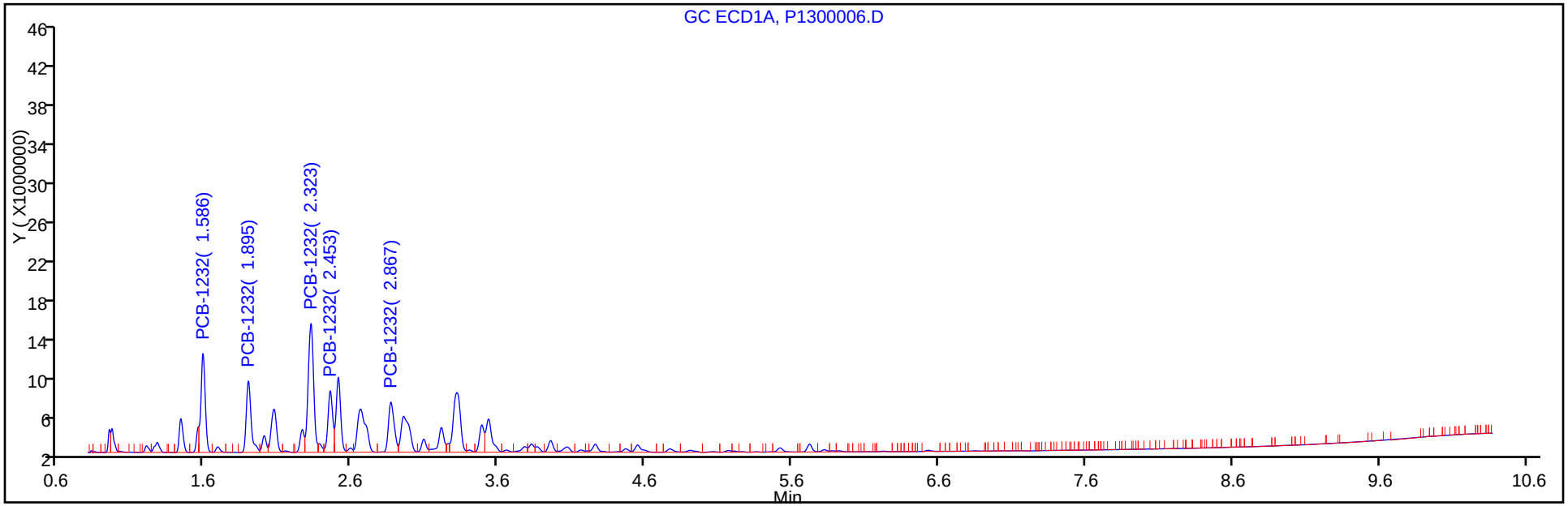
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

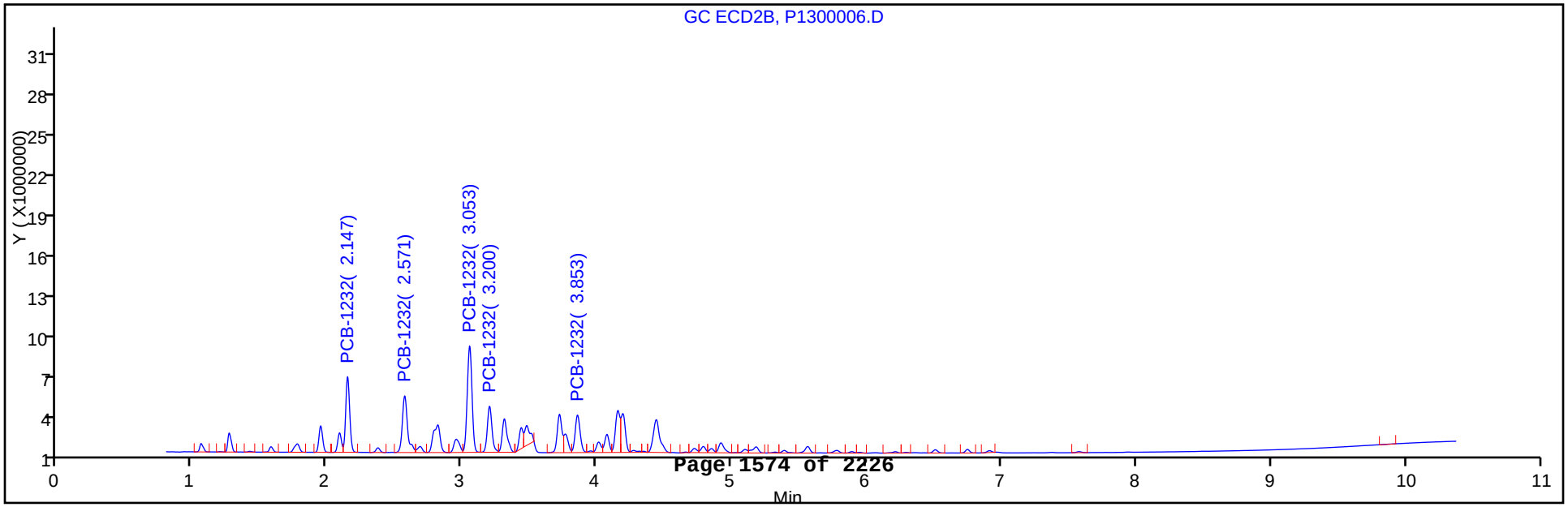
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 21-Oct-2012 17:53:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-007
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 62068 Lims Sample ID: 7
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:41 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.586	1.588	-0.002	37237214	0.8650		100.0	
1	2	1.895	1.898	-0.003	31853144	0.8942	57.1- 107.1	85.5	
1	3	2.322	2.323	-0.001	64967291	0.9110	143.5- 193.5	174.5	
1	4	2.453	2.455	-0.002	26893700	0.9858	40.1- 90.1	72.2	
1	5	2.866	2.867	-0.001	26108691	0.8935	41.3- 91.3	70.1	
			Average of Peak Amounts =			0.9099			
2	6	2.147	2.148	-0.001	22094487	0.9092		100.0	
2	7	2.571	2.573	-0.002	21640533	0.9222	67.8- 127.8	97.9	
2	8	3.052	3.054	-0.002	37930476	0.9359	132.2- 192.2	171.7	
2	9	3.201	3.201	0.000	15896826	0.9077	40.5- 100.5	71.9	
2	10	3.853	3.854	-0.001	13872941	0.9340	30.2- 90.2	62.8	
			Average of Peak Amounts =			0.9218			
						RPD = 1.30			

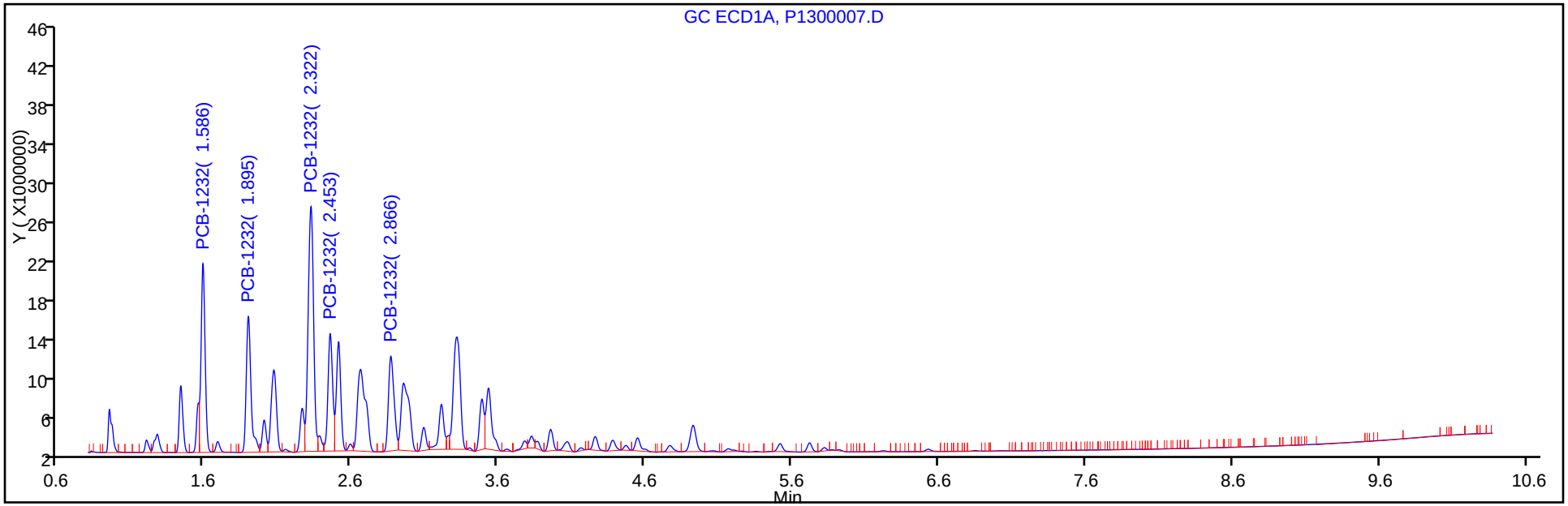
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

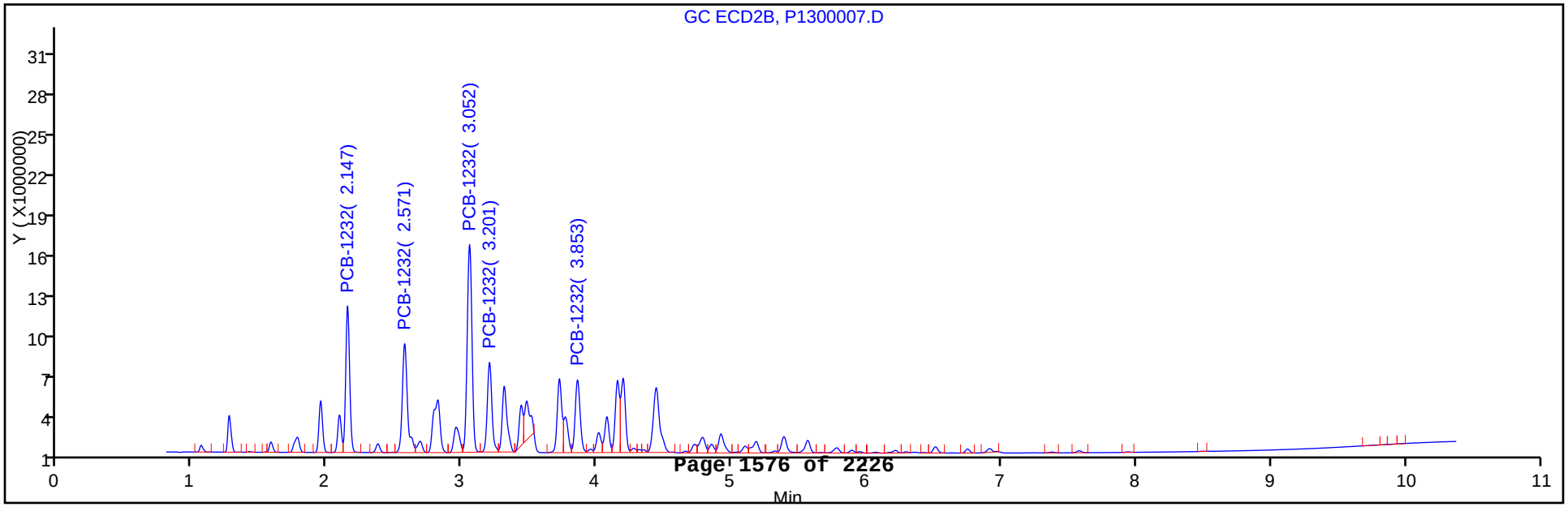
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

Injection Date:	21-Oct-2012 17:53:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	7
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D		
Lims ID:	STD2 1232	Client ID:	
Inject. Date:	21-Oct-2012 18:07:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	62068	Lims Sample ID:	8
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:40	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	68621944	1.59		100.0	M
1	2	1.897	1.898	-0.001	57635483	1.62	57.1- 107.1	84.0	
1	3	2.323	2.323	0.000	125869515	1.76	143.5- 193.5	183.4	
1	4	2.454	2.455	-0.001	50627104	1.86	40.1- 90.1	73.8	
1	5	2.868	2.867	0.001	49612956	1.70	41.3- 91.3	72.3	
			Average of Peak Amounts =			1.71			
2	6	2.148	2.148	0.000	40740192	1.68		100.0	
2	7	2.572	2.573	-0.001	39943050	1.70	67.8- 127.8	98.0	
2	8	3.053	3.054	-0.001	71461098	1.76	132.2- 192.2	175.4	
2	9	3.201	3.201	0.000	29690880	1.70	40.5- 100.5	72.9	
2	10	3.855	3.854	0.001	26115959	1.76	30.2- 90.2	64.1	
			Average of Peak Amounts =			1.72			
						RPD = 0.76			

QC Flag Legend

Review Flags
M - Manually Integrated

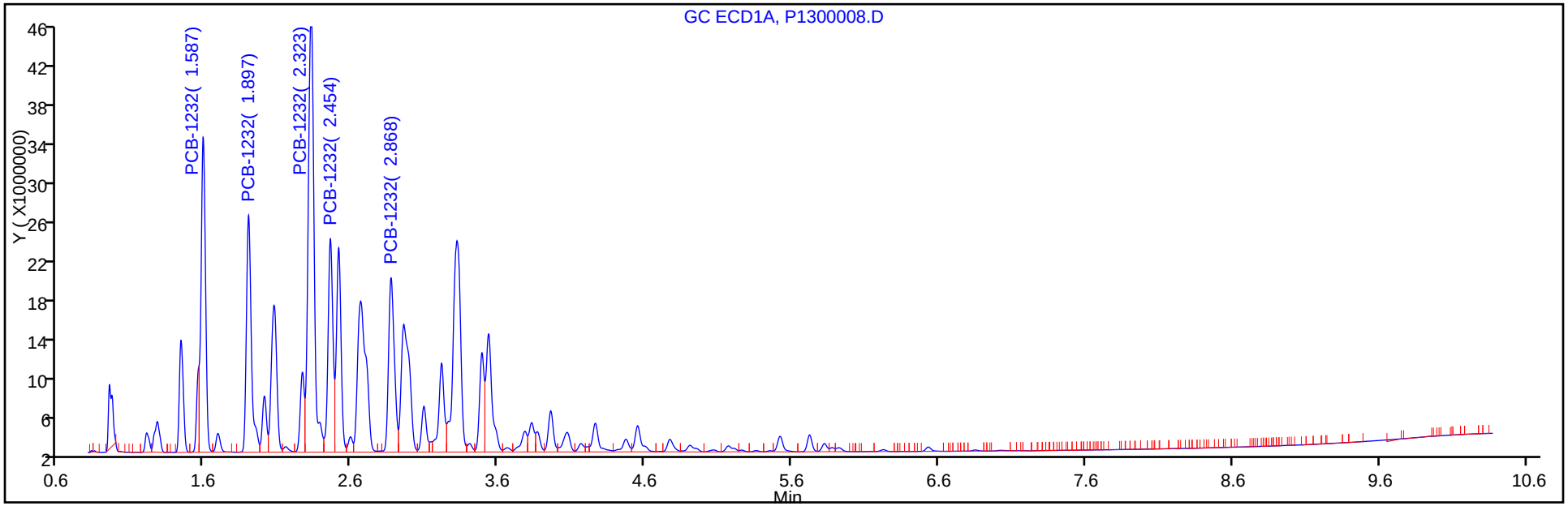
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

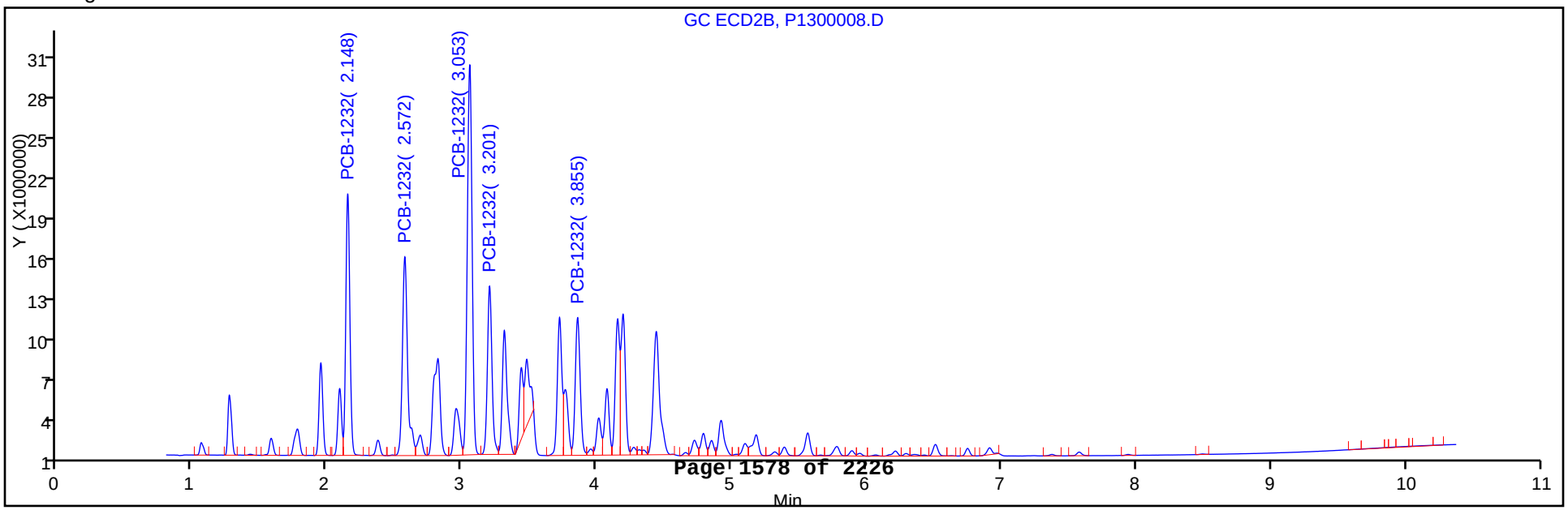
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	1.587	1.586	1.587	1.588	1.587	1.587					1.537 - 1.637	1.587
PCB-1242 Peak 2	1.896	1.896	1.895	1.896	1.897	1.897					1.846 - 1.946	1.896
PCB-1242 Peak 3	2.323	2.323	2.322	2.323	2.322	2.324					2.273 - 2.373	2.323
PCB-1242 Peak 4	2.454	2.454	2.454	2.454	2.454	2.454					2.404 - 2.504	2.454
PCB-1242 Peak 5	2.868	2.866	2.867	2.867	2.867	2.867					2.818 - 2.918	2.867

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.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								
PCB-1242 Peak 1	39544240 28368197	37297150 26781727	34742405	30714234	Ave		32907992.3				15.0		20.0			
PCB-1242 Peak 2	71135520 51775659	67516010 47660591	62899050	57049878	Ave		59672784.7				15.0		20.0			
PCB-1242 Peak 3	147118040 113121650	139637050 110336211	132034270	122121718	Ave		127394823				12.0		20.0			
PCB-1242 Peak 4	56155120 48196842	56036930 45158893	54210415	51231618	Ave		51831636.3				8.6		20.0			
PCB-1242 Peak 5	66671900 49628893	61877130 46938211	58147035	53701158	Ave		56160721.1				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.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
PCB-1242 Peak 1	Ave	1977212 53563455	3729715	6948481	15357117	28368197	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	3556776 95321182	6751601	12579810	28524939	51775659	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	7355902 220672422	13963705	26406854	61060859	113121650	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	2807756 90317785	5603693	10842083	25615809	48196842	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	3333595 93876421	6187713	11629407	26850579	49628893	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 21-Oct-2012 18:22:50 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 62068 Lims Sample ID: 9
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:39 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.587	1.587	0.000	1977212	0.0601		100.0	
1	2	1.896	1.896	0.000	3556776	0.0596	156.0- 206.0	179.9	
1	3	2.323	2.323	0.000	7355902	0.0577	355.0- 405.0	372.0	
1	4	2.454	2.454	0.000	2807756	0.0542	131.0- 181.0	142.0	
1	5	2.868	2.868	0.000	3333595	0.0594	142.4- 192.4	168.6	
			Average of Peak Amounts =			0.0582			
2	6	2.148	2.148	0.000	1109040	0.0595		100.0	
2	7	2.573	2.573	0.000	2180104	0.0572	176.6- 236.6	196.6	
2	8	3.053	3.053	0.000	4056048	0.0558	356.3- 416.3	365.7	
2	9	3.202	3.202	0.000	1821129	0.0584	135.8- 195.8	164.2	
2	10	3.719	3.719	0.000	1589716	0.0568	121.8- 181.8	143.3	
			Average of Peak Amounts =			0.0575			
						RPD = 1.13			

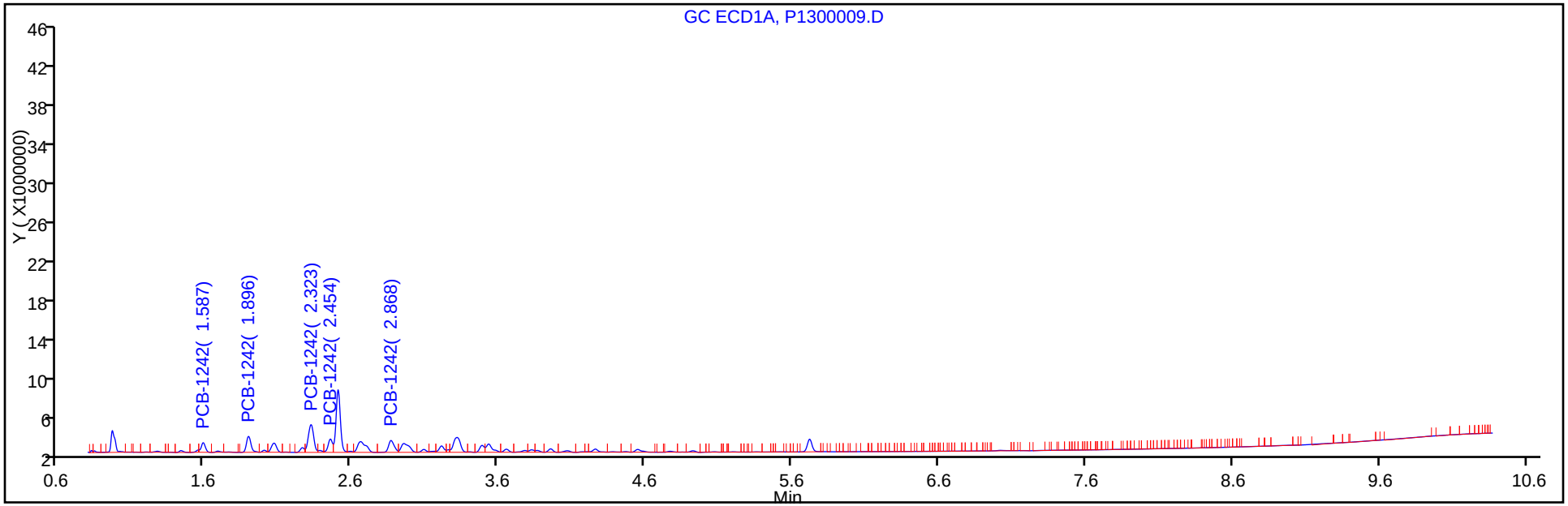
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

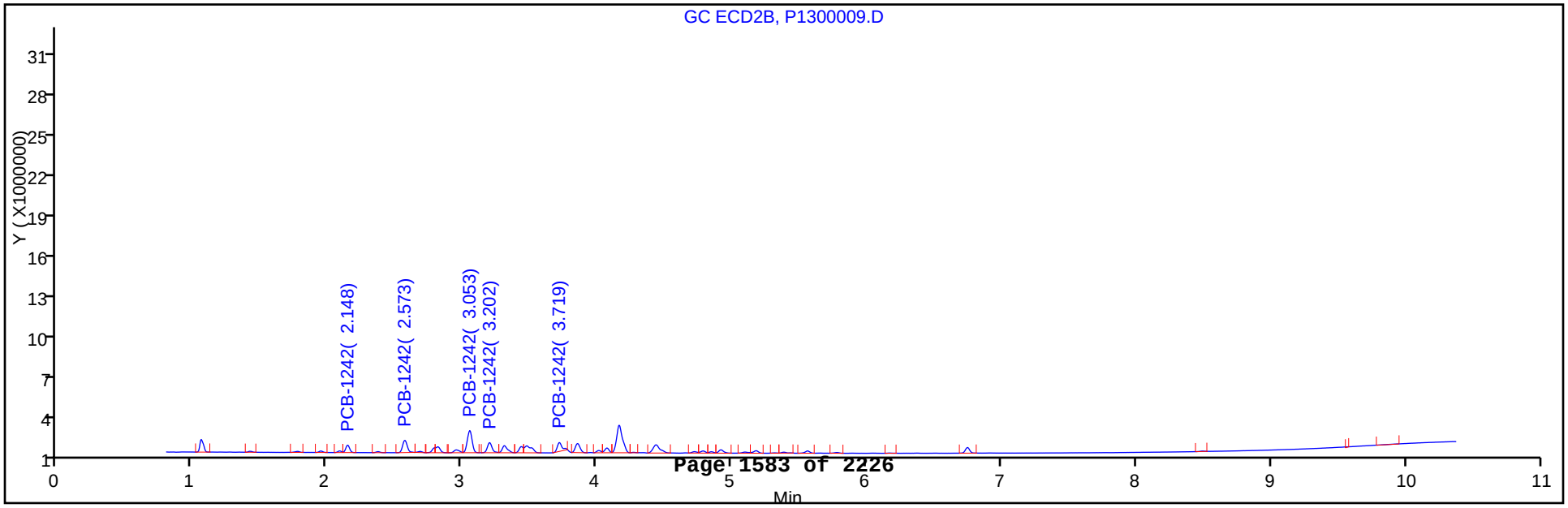
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

Injection Date:	21-Oct-2012 18:22:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	9
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 21-Oct-2012 18:37:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-010
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 62068 Lims Sample ID: 10
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:37 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	3729715	0.1133		100.0	M
1	2	1.896	1.896	0.000	6751601	0.1131	156.0- 206.0	181.0	
1	3	2.323	2.323	0.000	13963705	0.1096	355.0- 405.0	374.4	
1	4	2.454	2.454	0.000	5603693	0.1081	131.0- 181.0	150.2	
1	5	2.866	2.868	-0.002	6187713	0.1102	142.4- 192.4	165.9	
			Average of Peak Amounts =			0.1109			
2	6	2.147	2.148	-0.001	2089788	0.1120		100.0	
2	7	2.572	2.573	-0.001	4205409	0.1104	176.6- 236.6	201.2	
2	8	3.054	3.053	0.001	7723719	0.1063	356.3- 416.3	369.6	
2	9	3.201	3.202	-0.001	3379048	0.1084	135.8- 195.8	161.7	
2	10	3.720	3.719	0.001	3248342	0.1160	121.8- 181.8	155.4	
			Average of Peak Amounts =			0.1106			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

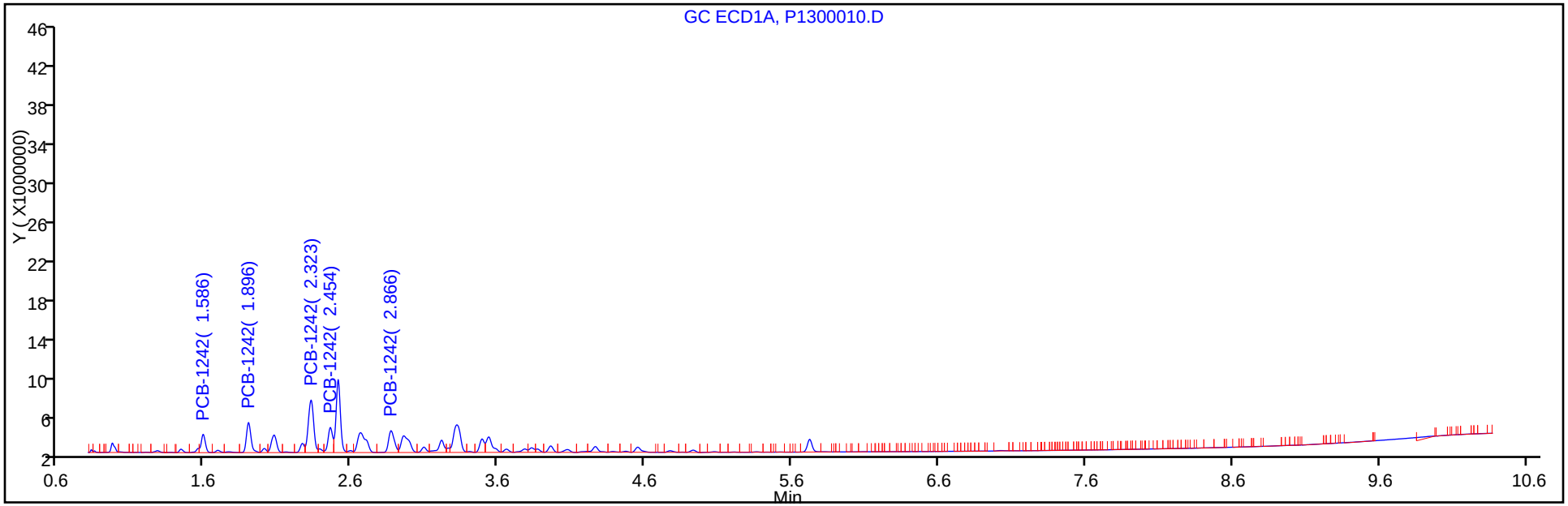
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

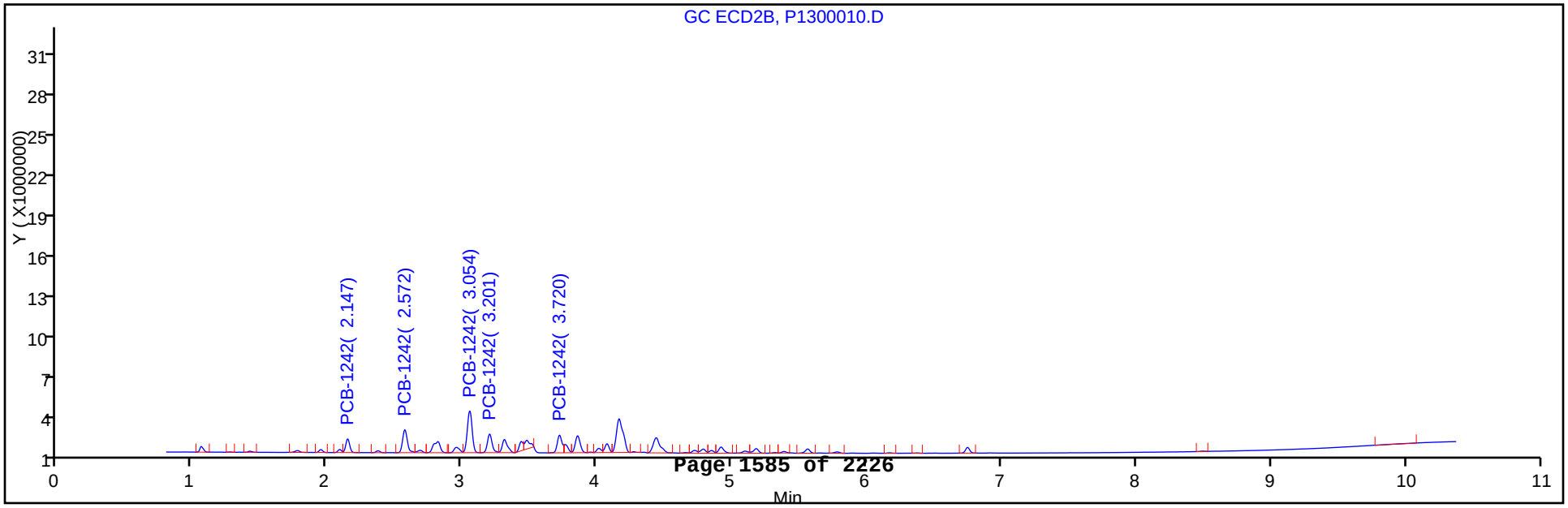
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
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



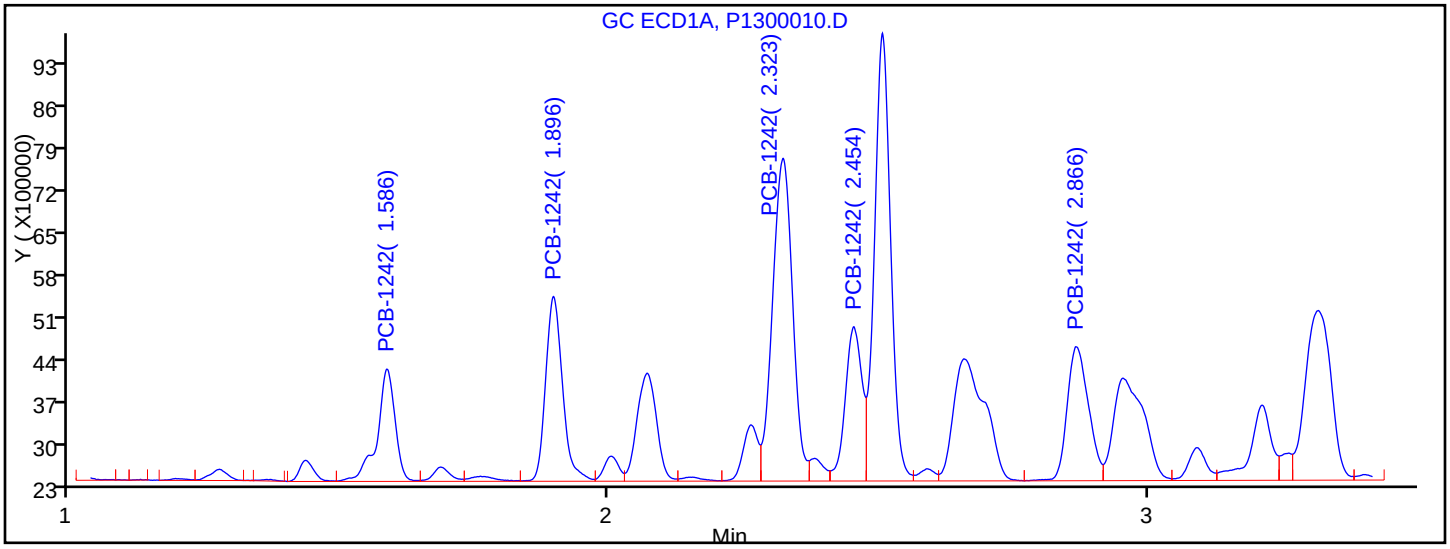
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

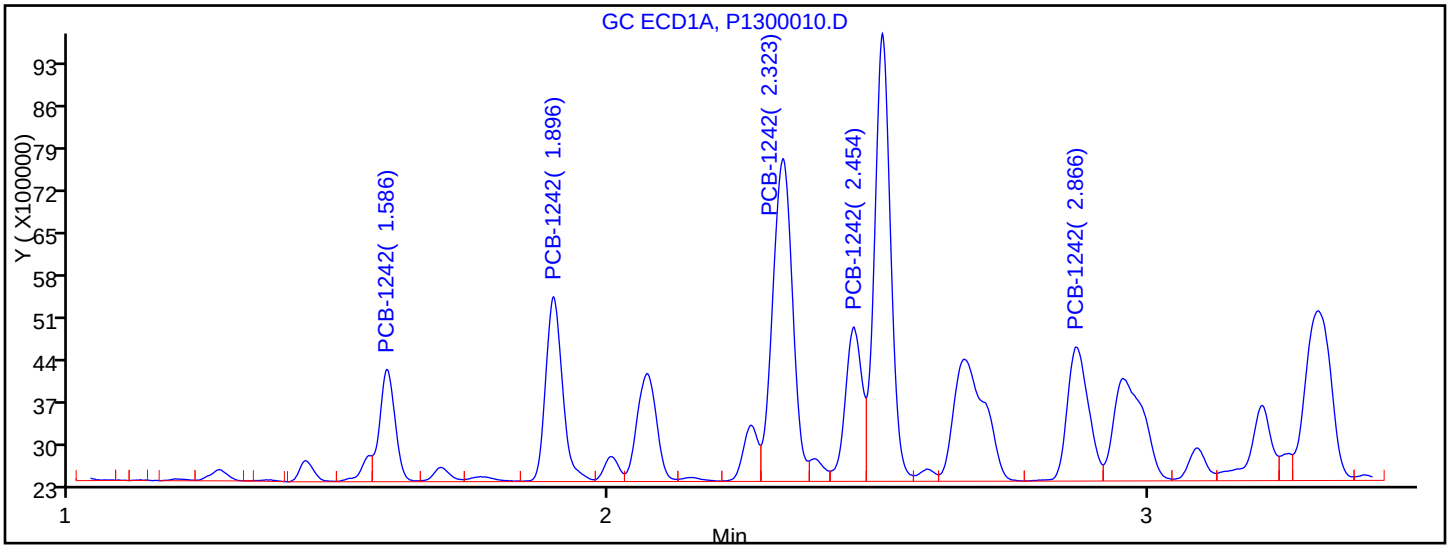
Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 4354961	M
RT = 1.896	Response = 6751601	
RT = 2.323	Response = 13963705	
RT = 2.454	Response = 5603693	
RT = 2.866	Response = 6187713	



Manual Integration Results

RT = 1.586	Response = 3729715	M
RT = 1.896	Response = 6751601	
RT = 2.323	Response = 13963705	
RT = 2.454	Response = 5603693	
RT = 2.866	Response = 6187713	

Reviewer: hassl, 22-Oct-2012 09:02:35

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D		
Lims ID:	STD02 1242	Client ID:	
Inject. Date:	21-Oct-2012 18:52:48	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	62068	Lims Sample ID:	11
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:35	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	6948481	0.2111		100.0	M
1	2	1.895	1.896	-0.001	12579810	0.2108	156.0- 206.0	181.0	
1	3	2.322	2.323	-0.001	26406854	0.2073	355.0- 405.0	380.0	
1	4	2.454	2.454	0.000	10842083	0.2092	131.0- 181.0	156.0	
1	5	2.867	2.868	-0.001	11629407	0.2071	142.4- 192.4	167.4	
			Average of Peak Amounts =			0.2091			
2	6	2.147	2.148	-0.001	3866032	0.2073		100.0	
2	7	2.572	2.573	-0.001	7987487	0.2097	176.6- 236.6	206.6	
2	8	3.054	3.053	0.001	14936000	0.2055	356.3- 416.3	386.3	
2	9	3.201	3.202	-0.001	6409305	0.2056	135.8- 195.8	165.8	
2	10	3.720	3.719	0.001	5870156	0.2096	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.2075			
						RPD = 0.75			

QC Flag Legend

Review Flags
M - Manually Integrated

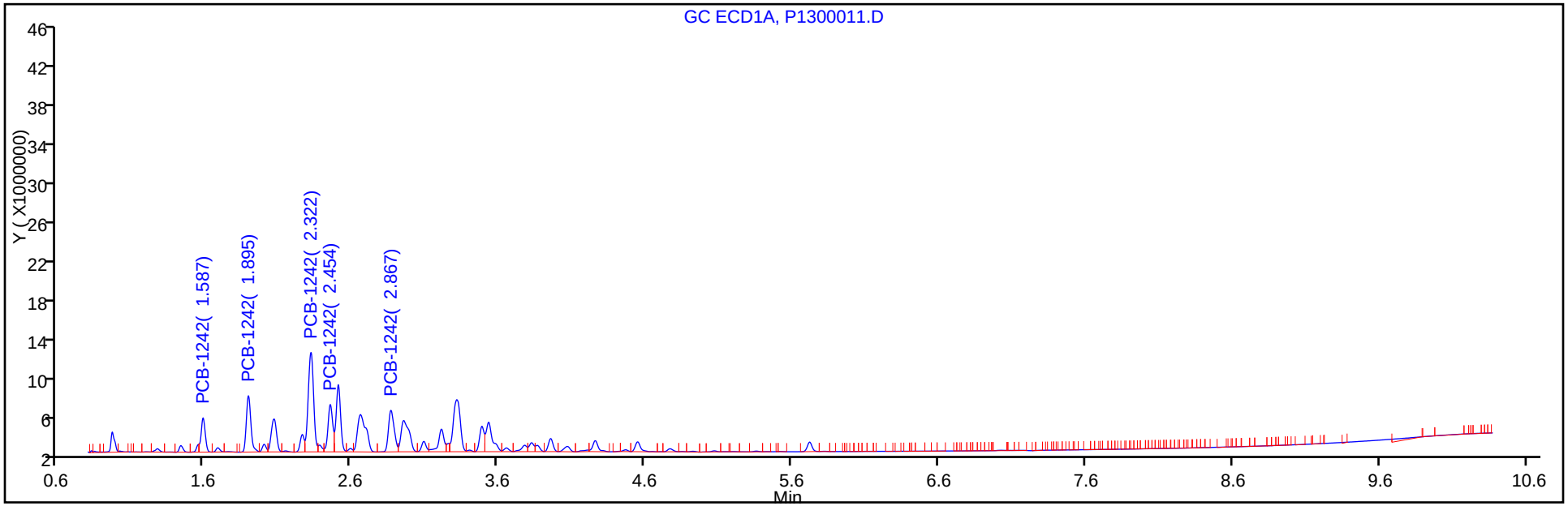
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

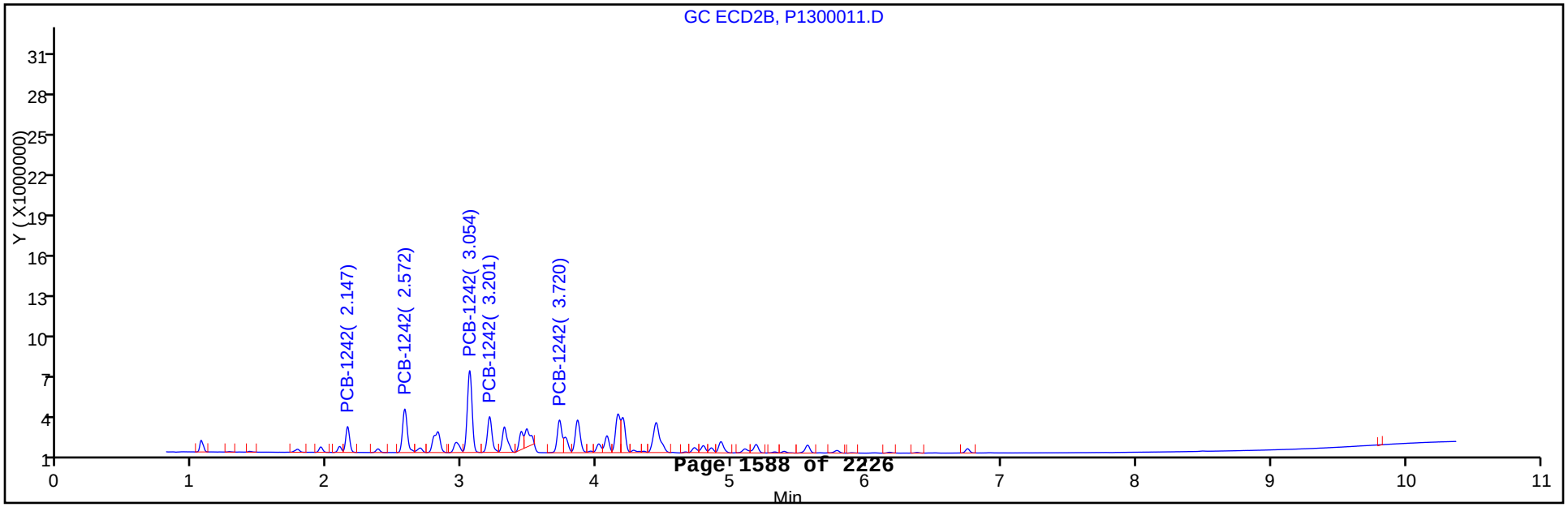
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



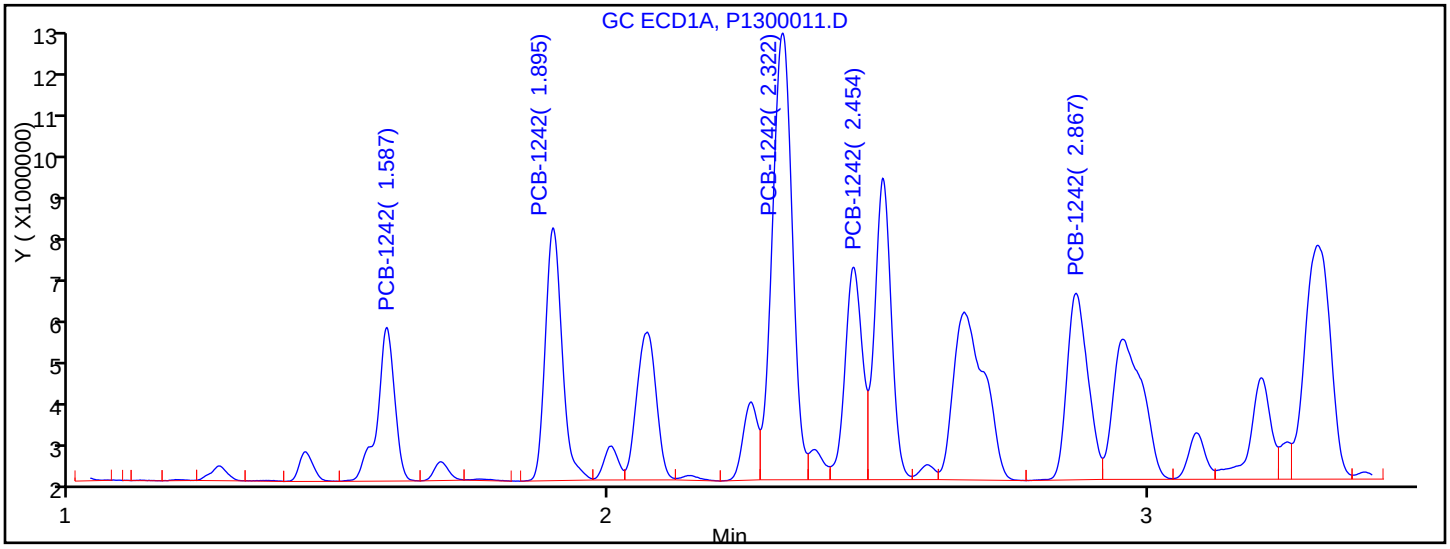
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

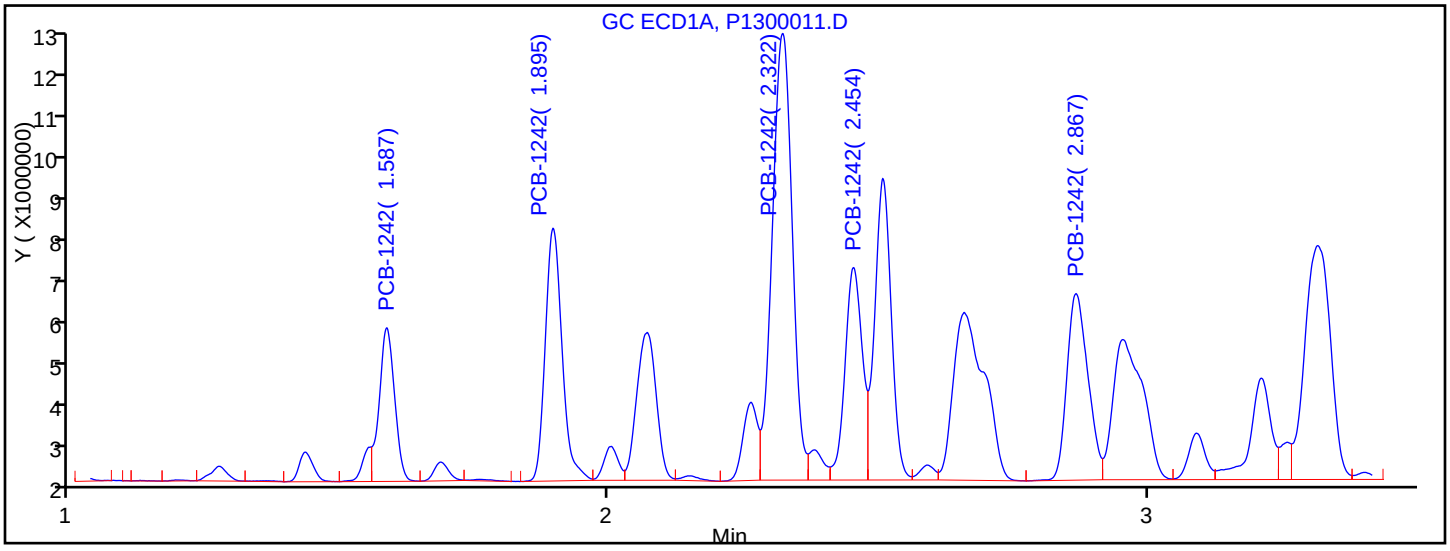
Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 7859675	M
RT = 1.895	Response = 12579810	
RT = 2.322	Response = 26406854	
RT = 2.454	Response = 10842083	
RT = 2.867	Response = 11629407	



Manual Integration Results

RT = 1.587	Response = 6948481	M
RT = 1.895	Response = 12579810	
RT = 2.322	Response = 26406854	
RT = 2.454	Response = 10842083	
RT = 2.867	Response = 11629407	

Reviewer: hassl, 22-Oct-2012 09:03:38

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 21-Oct-2012 19:07:42 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-012
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 62068 Lims Sample ID: 12
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:34 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.588	1.587	0.001	15357117	0.4667		100.0	M
1	2	1.896	1.896	0.000	28524939	0.4780	156.0- 206.0	185.7	
1	3	2.323	2.323	0.000	61060859	0.4793	355.0- 405.0	397.6	
1	4	2.454	2.454	0.000	25615809	0.4942	131.0- 181.0	166.8	
1	5	2.867	2.868	-0.001	26850579	0.4781	142.4- 192.4	174.8	
			Average of Peak Amounts =			0.4793			
2	6	2.148	2.148	0.000	8793387	0.4715		100.0	
2	7	2.572	2.573	-0.001	18266334	0.4795	176.6- 236.6	207.7	
2	8	3.054	3.053	0.001	35320645	0.4860	356.3- 416.3	401.7	
2	9	3.201	3.202	-0.001	14830061	0.4758	135.8- 195.8	168.7	
2	10	3.720	3.719	0.001	12958357	0.4627	121.8- 181.8	147.4	
			Average of Peak Amounts =			0.4751			
						RPD = 0.87			

QC Flag Legend

Review Flags
M - Manually Integrated

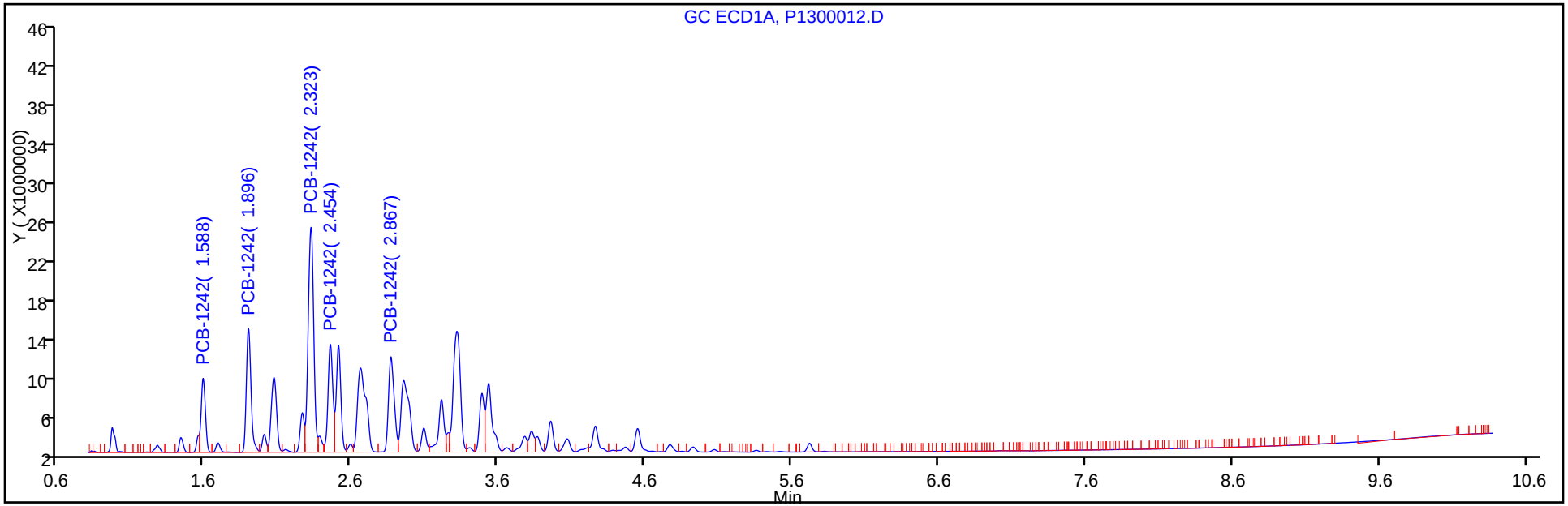
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

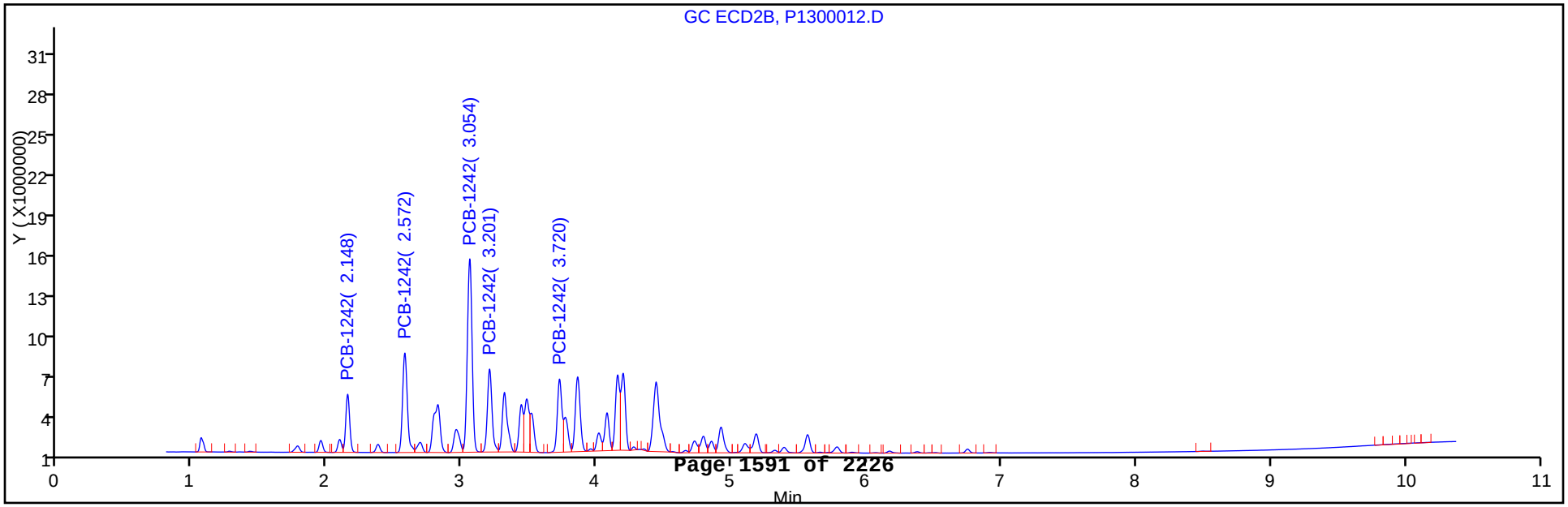
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
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



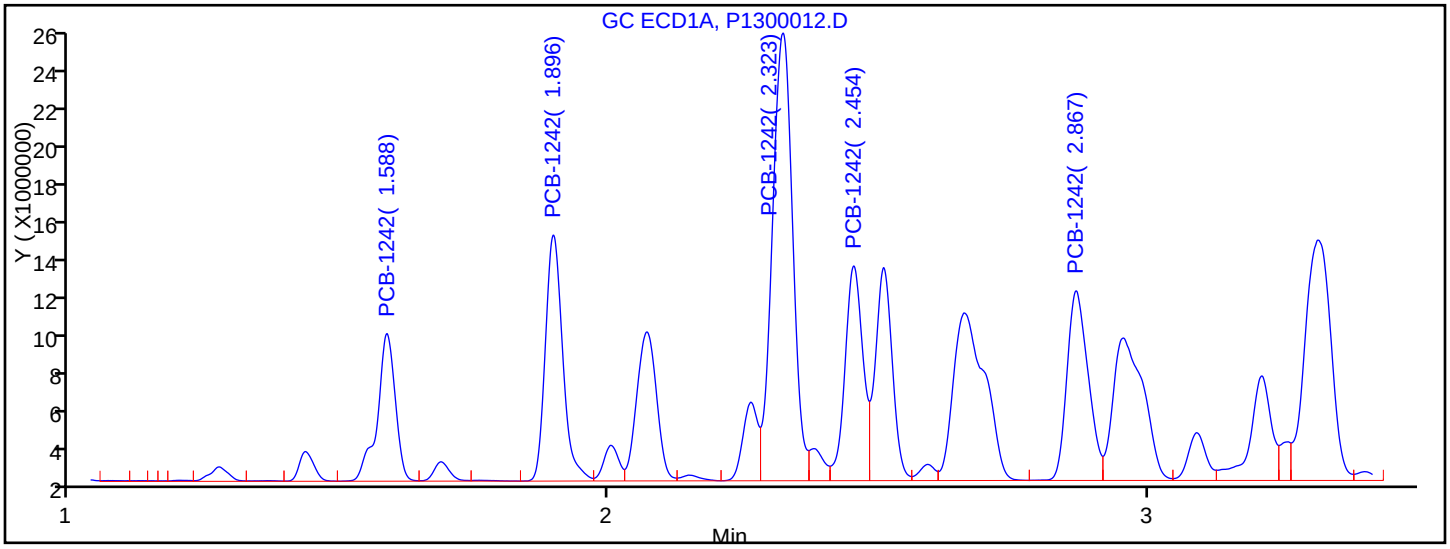
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

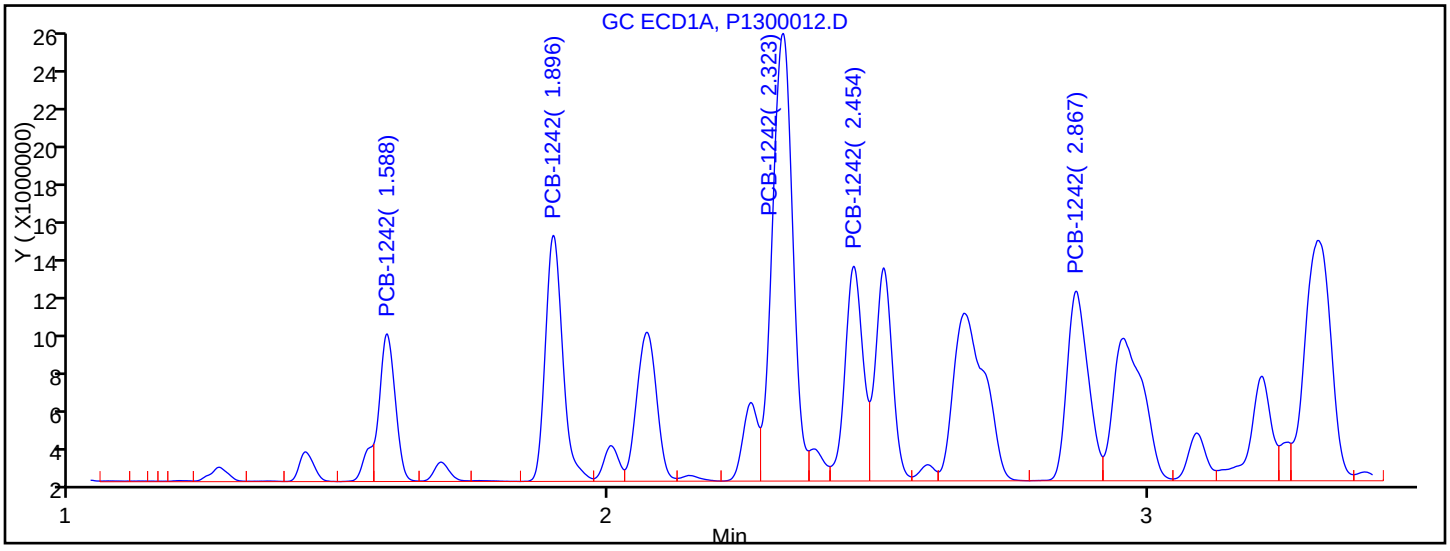
Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.588	Response = 17740253	M
RT = 1.896	Response = 28524939	
RT = 2.323	Response = 61060859	
RT = 2.454	Response = 25615809	
RT = 2.867	Response = 26850579	



Manual Integration Results

RT = 1.588	Response = 15357117	M
RT = 1.896	Response = 28524939	
RT = 2.323	Response = 61060859	
RT = 2.454	Response = 25615809	
RT = 2.867	Response = 26850579	

Reviewer: hassl, 22-Oct-2012 09:03:23

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D		
Lims ID:	STD1 1242	Client ID:	
Inject. Date:	21-Oct-2012 19:22:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	62068	Lims Sample ID:	13
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:32	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	28368197	0.8620		100.0	M
1	2	1.897	1.896	0.001	51775659	0.8677	156.0- 206.0	182.5	
1	3	2.322	2.323	-0.001	113121650	0.8880	355.0- 405.0	398.8	
1	4	2.454	2.454	0.000	48196842	0.9299	131.0- 181.0	169.9	
1	5	2.867	2.868	-0.001	49628893	0.8837	142.4- 192.4	174.9	
			Average of Peak Amounts =			0.8862			
2	6	2.147	2.148	-0.001	16343628	0.8763		100.0	
2	7	2.572	2.573	-0.001	34046790	0.8938	176.6- 236.6	208.3	
2	8	3.054	3.053	0.001	67395782	0.9274	356.3- 416.3	412.4	
2	9	3.201	3.202	-0.001	28041523	0.8997	135.8- 195.8	171.6	
2	10	3.720	3.719	0.001	24651587	0.8802	121.8- 181.8	150.8	
			Average of Peak Amounts =			0.8955			
						RPD = 1.04			

QC Flag Legend

Review Flags
M - Manually Integrated

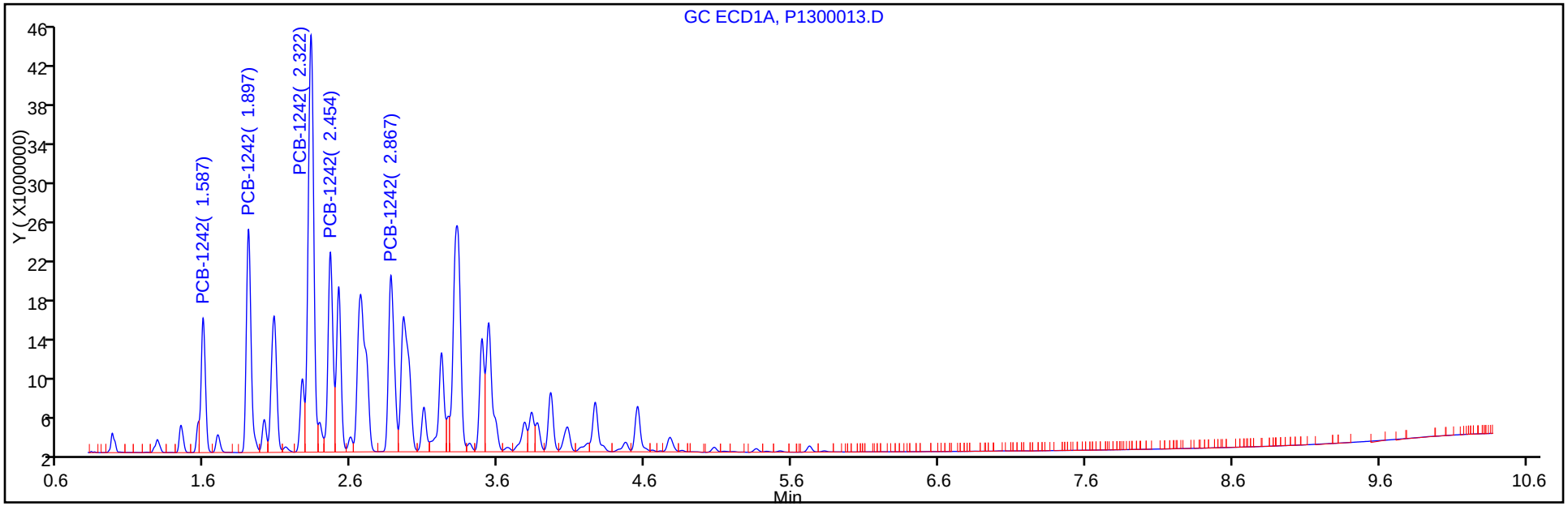
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

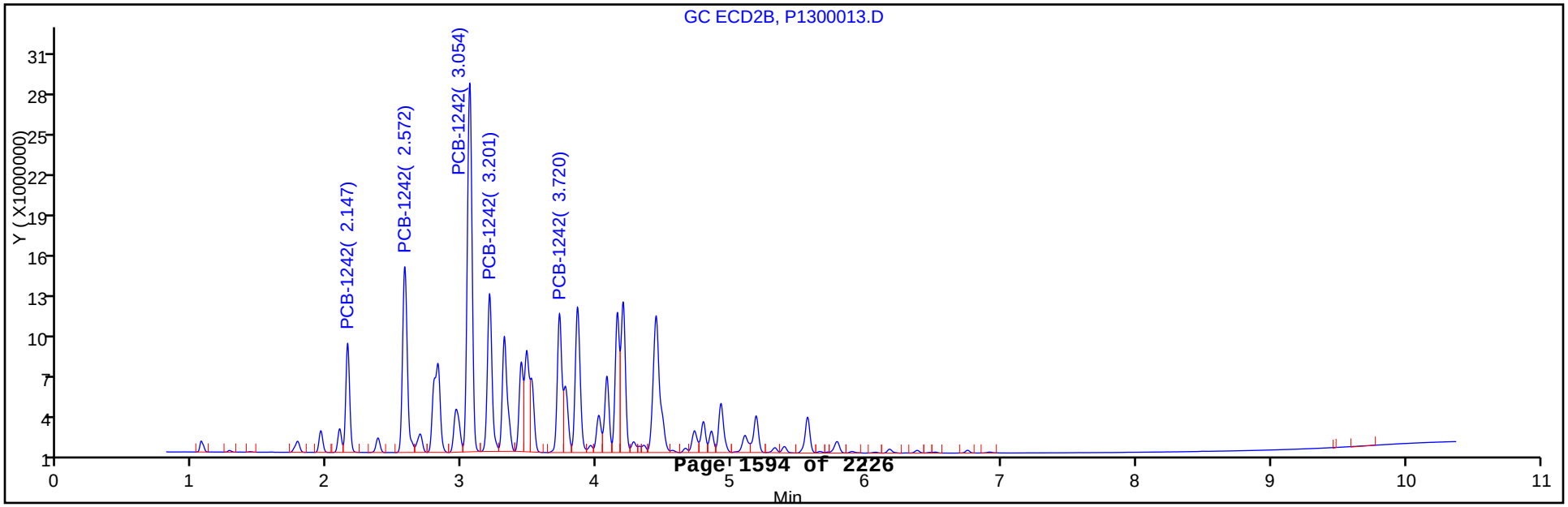
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
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



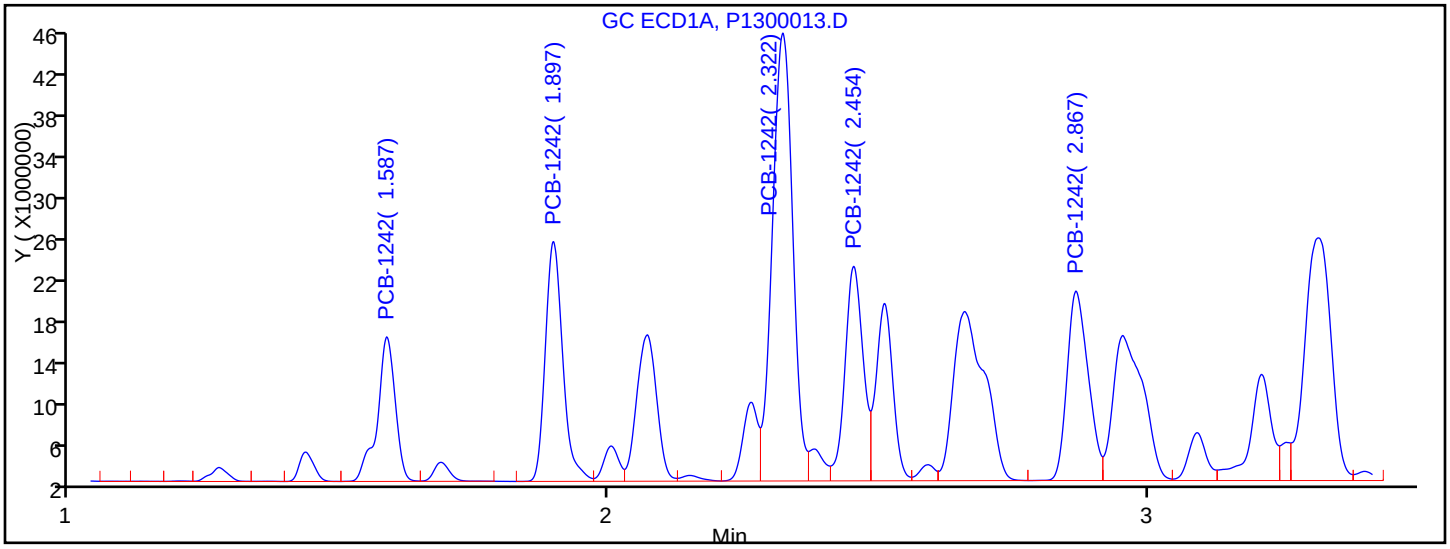
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

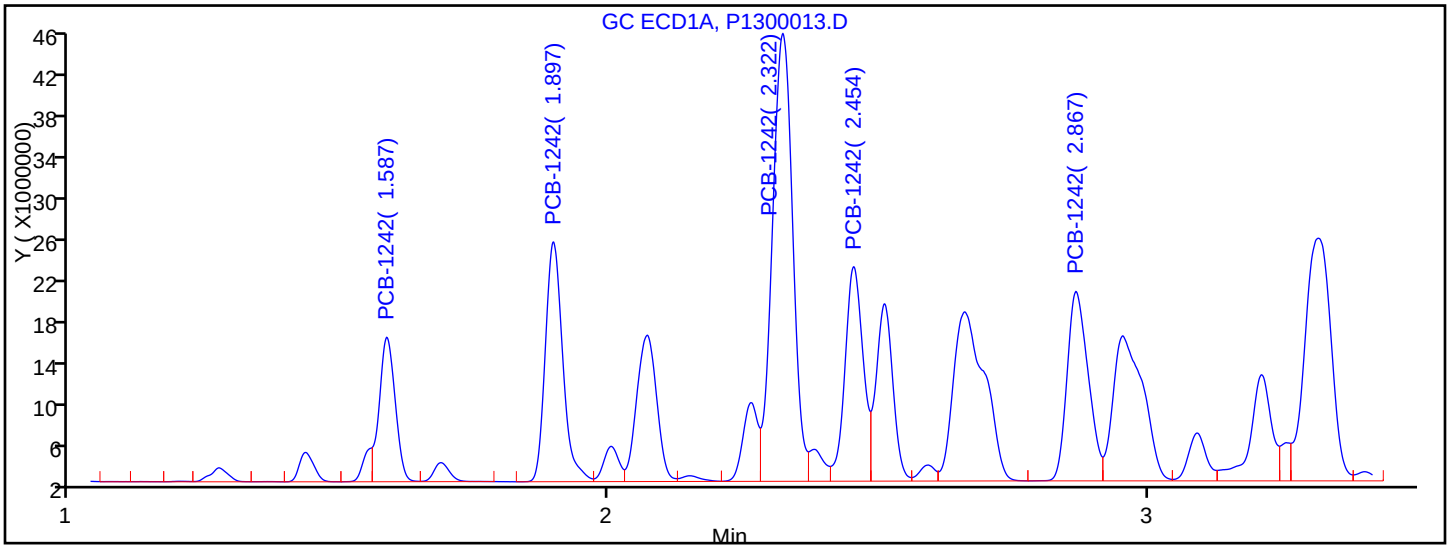
Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 32103067	M
RT = 1.897	Response = 51775659	
RT = 2.322	Response = 113121650	
RT = 2.454	Response = 48196842	
RT = 2.867	Response = 49628893	



Manual Integration Results

RT = 1.587	Response = 28368197	M
RT = 1.897	Response = 51775659	
RT = 2.322	Response = 113121650	
RT = 2.454	Response = 48196842	
RT = 2.867	Response = 49628893	

Reviewer: hassl, 22-Oct-2012 09:03:10

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	21-Oct-2012 19:37:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	62068	Lims Sample ID:	14
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:30	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	53563455	1.63		100.0	M
1	2	1.897	1.896	0.001	95321182	1.60	156.0- 206.0	178.0	
1	3	2.324	2.323	0.001	220672422	1.73	355.0- 405.0	412.0	
1	4	2.454	2.454	0.000	90317785	1.74	131.0- 181.0	168.6	
1	5	2.867	2.868	-0.001	93876421	1.67	142.4- 192.4	175.3	
			Average of Peak Amounts =			1.67			
2	6	2.148	2.148	0.000	31139764	1.67		100.0	
2	7	2.572	2.573	-0.001	64758648	1.70	176.6- 236.6	208.0	
2	8	3.053	3.053	0.000	129880002	1.79	356.3- 416.3	417.1	
2	9	3.201	3.202	-0.001	54079715	1.74	135.8- 195.8	173.7	
2	10	3.720	3.719	0.001	47706789	1.70	121.8- 181.8	153.2	
			Average of Peak Amounts =			1.72			
						RPD = 2.64			

QC Flag Legend

Review Flags
M - Manually Integrated

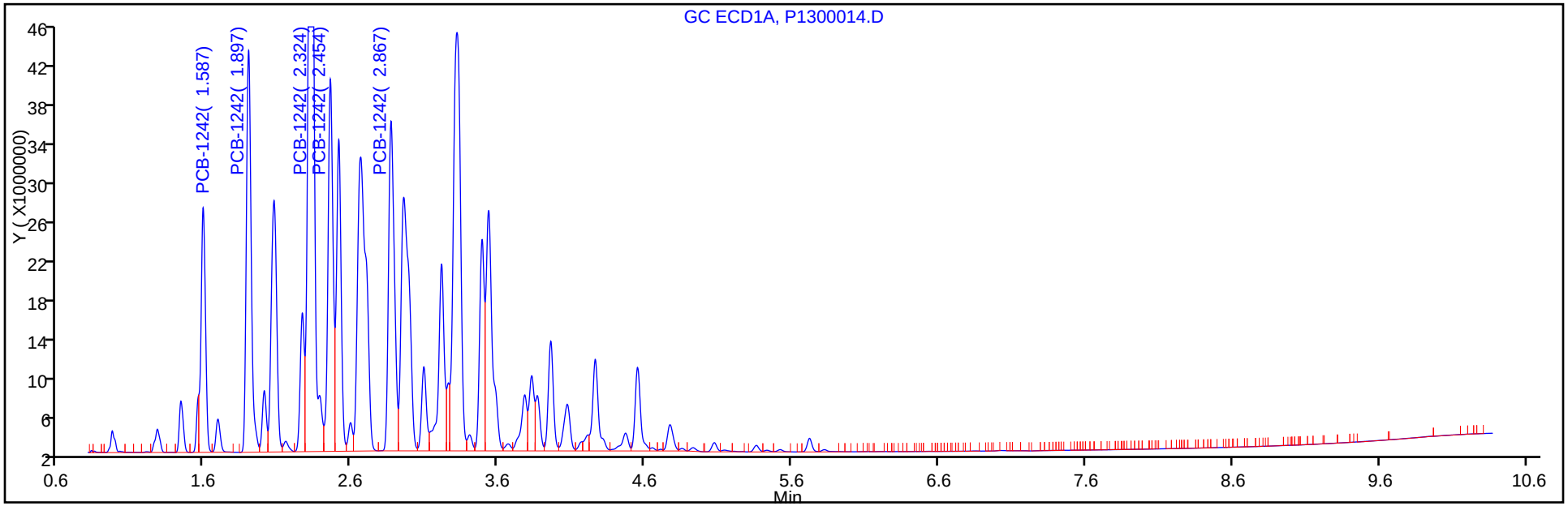
Report Date: 22-Oct-2012 09:18:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

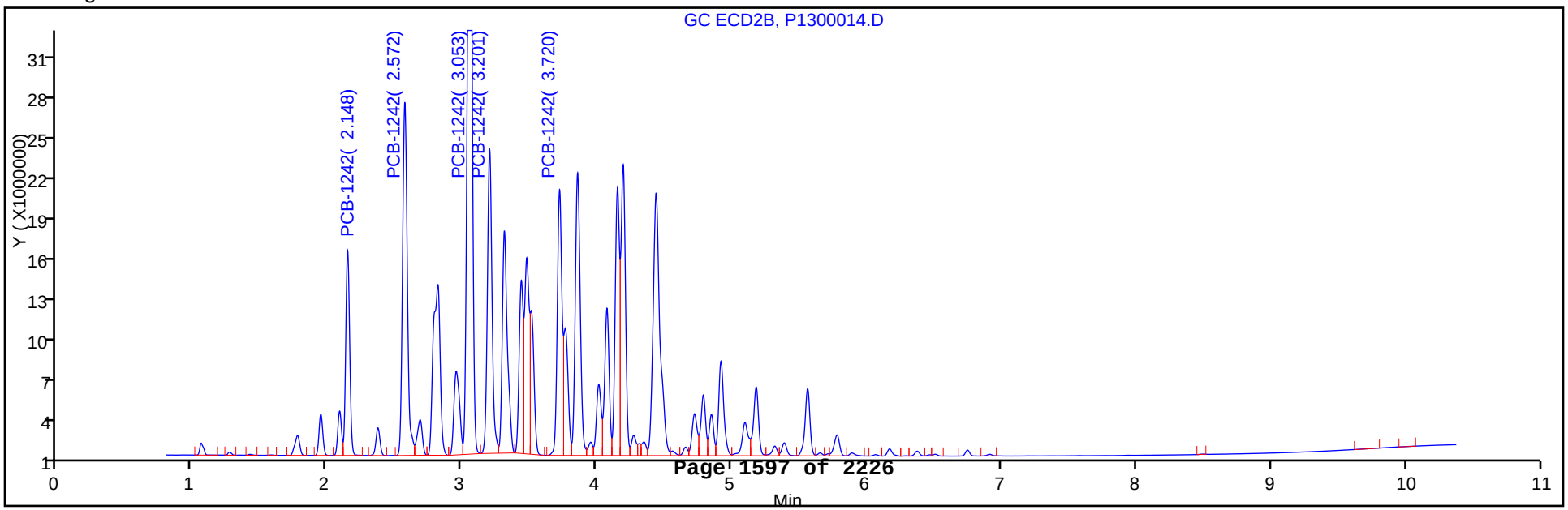
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



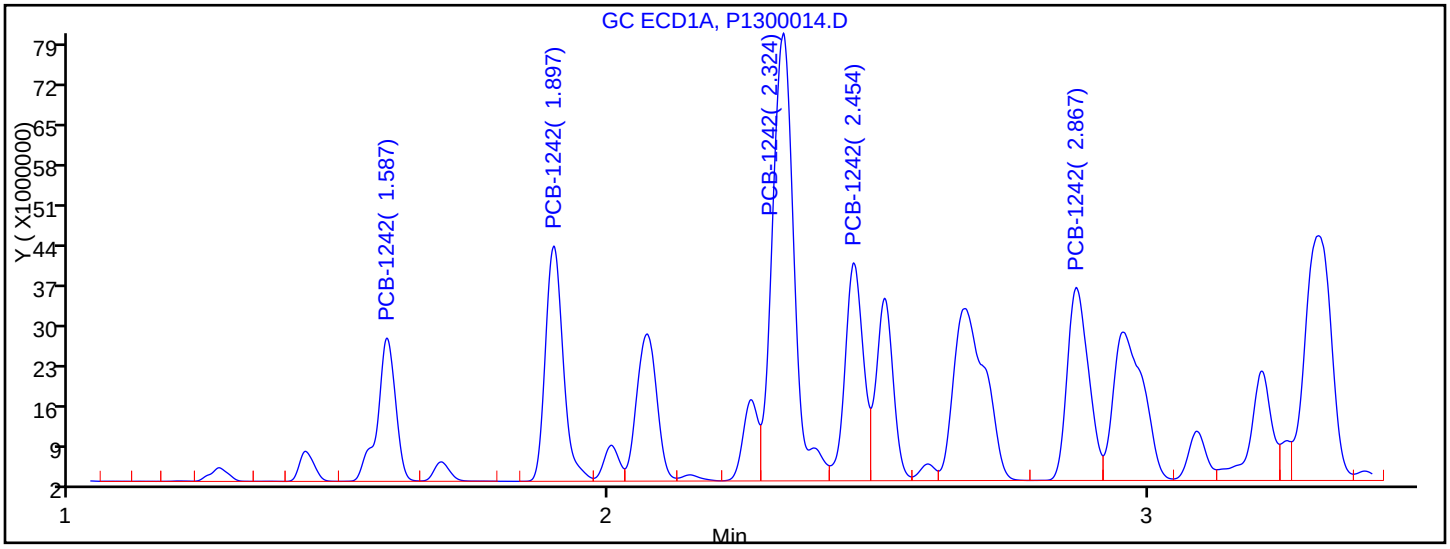
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

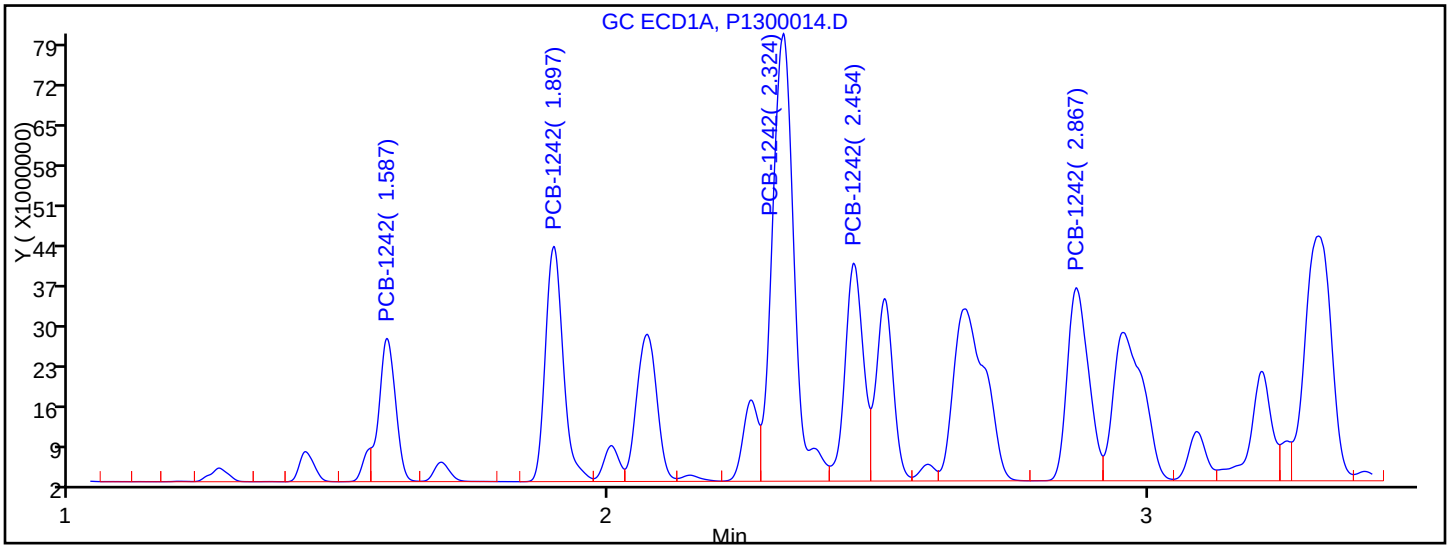
Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 59331050	M
RT = 1.897	Response = 95321182	
RT = 2.324	Response = 220672422	
RT = 2.454	Response = 90317785	
RT = 2.867	Response = 93876421	



Manual Integration Results

RT = 1.587	Response = 53563455	M
RT = 1.897	Response = 95321182	
RT = 2.324	Response = 220672422	
RT = 2.454	Response = 90317785	
RT = 2.867	Response = 93876421	

Reviewer: hassl, 22-Oct-2012 09:02:58

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	2.148	2.147	2.147	2.148	2.147	2.148					2.098 - 2.198	2.148
PCB-1242 Peak 2	2.573	2.572	2.572	2.572	2.572	2.572					2.523 - 2.623	2.572
PCB-1242 Peak 3	3.053	3.054	3.054	3.054	3.054	3.053					3.003 - 3.103	3.054
PCB-1242 Peak 4	3.202	3.201	3.201	3.201	3.201	3.201					3.152 - 3.252	3.201
PCB-1242 Peak 5	3.719	3.720	3.720	3.720	3.720	3.720					3.669 - 3.769	3.720

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.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								
PCB-1242 Peak 1	22180800 16343628	20897880 15569882	19330160	17586774	Ave		18651520.7				14.0		20.0			
PCB-1242 Peak 2	43602080 34046790	42054090 32379324	39937435	36532668	Ave		38092064.5				12.0		20.0			
PCB-1242 Peak 3	81120960 67395782	77237190 64940001	74680000	70641290	Ave		72669203.8				8.4		20.0			
PCB-1242 Peak 4	36422580 28041523	33790480 27039857	32046525	29660122	Ave		31166847.9				12.0		20.0			
PCB-1242 Peak 5	31794320 24651587	32483420 23853395	29350780	25916714	Ave		28008369.3				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.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
PCB-1242 Peak 1	Ave	1109040 31139764	2089788	3866032	8793387	16343628	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	2180104 64758648	4205409	7987487	18266334	34046790	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	4056048 129880002	7723719	14936000	35320645	67395782	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1821129 54079715	3379048	6409305	14830061	28041523	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1589716 47706789	3248342	5870156	12958357	24651587	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 21-Oct-2012 18:22:50 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 62068 Lims Sample ID: 9
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:39 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.587	1.587	0.000	1977212	0.0601		100.0	
1	2	1.896	1.896	0.000	3556776	0.0596	156.0- 206.0	179.9	
1	3	2.323	2.323	0.000	7355902	0.0577	355.0- 405.0	372.0	
1	4	2.454	2.454	0.000	2807756	0.0542	131.0- 181.0	142.0	
1	5	2.868	2.868	0.000	3333595	0.0594	142.4- 192.4	168.6	
			Average of Peak Amounts =			0.0582			
2	6	2.148	2.148	0.000	1109040	0.0595		100.0	
2	7	2.573	2.573	0.000	2180104	0.0572	176.6- 236.6	196.6	
2	8	3.053	3.053	0.000	4056048	0.0558	356.3- 416.3	365.7	
2	9	3.202	3.202	0.000	1821129	0.0584	135.8- 195.8	164.2	
2	10	3.719	3.719	0.000	1589716	0.0568	121.8- 181.8	143.3	
			Average of Peak Amounts =			0.0575			
						RPD = 1.13			

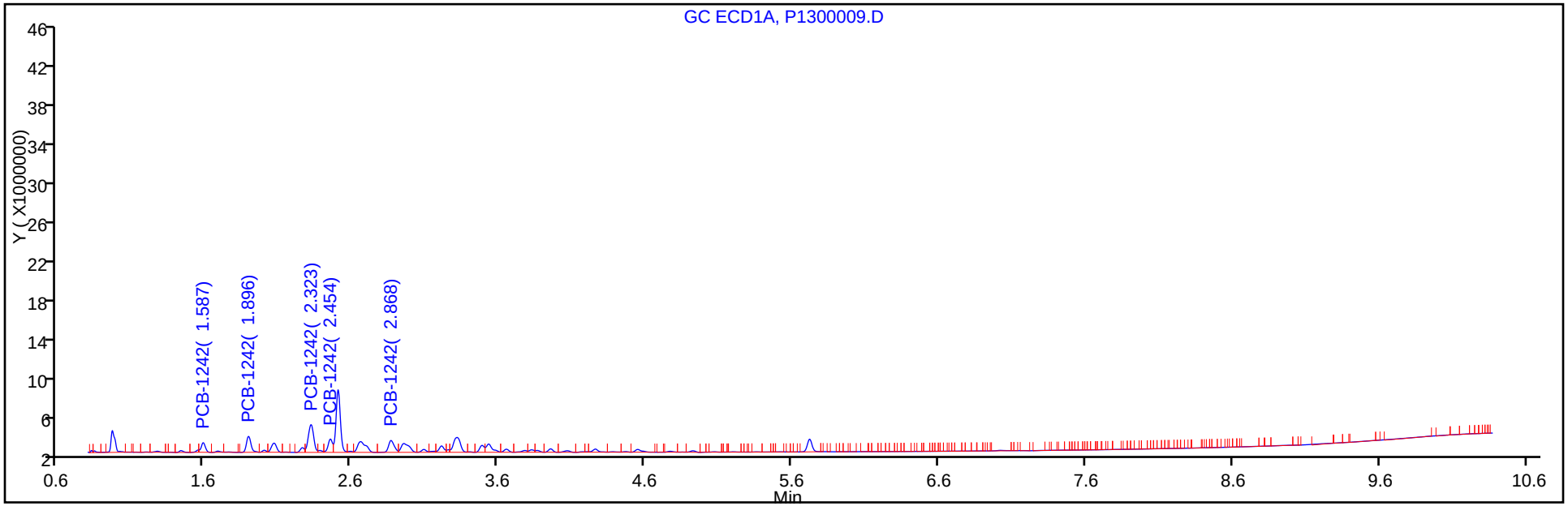
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

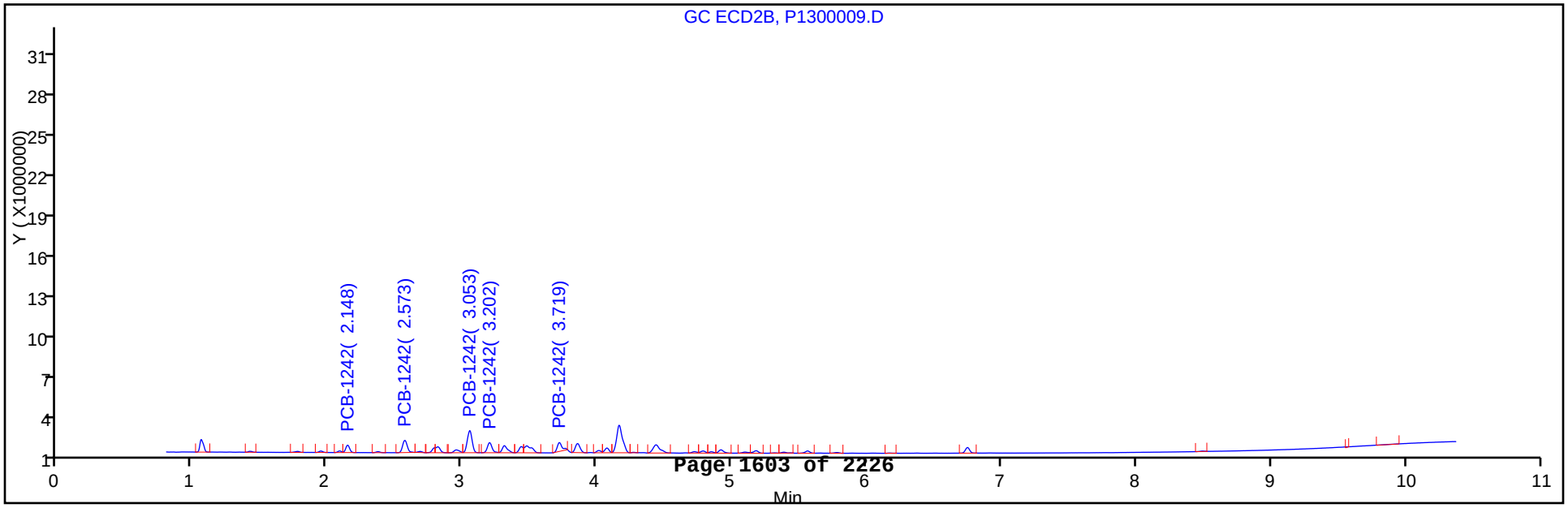
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

Injection Date:	21-Oct-2012 18:22:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	9
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D		
Lims ID:	STD01 1242	Client ID:	
Inject. Date:	21-Oct-2012 18:37:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	62068	Lims Sample ID:	10
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:37	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	3729715	0.1133		100.0	M
1	2	1.896	1.896	0.000	6751601	0.1131	156.0- 206.0	181.0	
1	3	2.323	2.323	0.000	13963705	0.1096	355.0- 405.0	374.4	
1	4	2.454	2.454	0.000	5603693	0.1081	131.0- 181.0	150.2	
1	5	2.866	2.868	-0.002	6187713	0.1102	142.4- 192.4	165.9	
			Average of Peak Amounts =			0.1109			
2	6	2.147	2.148	-0.001	2089788	0.1120		100.0	
2	7	2.572	2.573	-0.001	4205409	0.1104	176.6- 236.6	201.2	
2	8	3.054	3.053	0.001	7723719	0.1063	356.3- 416.3	369.6	
2	9	3.201	3.202	-0.001	3379048	0.1084	135.8- 195.8	161.7	
2	10	3.720	3.719	0.001	3248342	0.1160	121.8- 181.8	155.4	
			Average of Peak Amounts =			0.1106			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

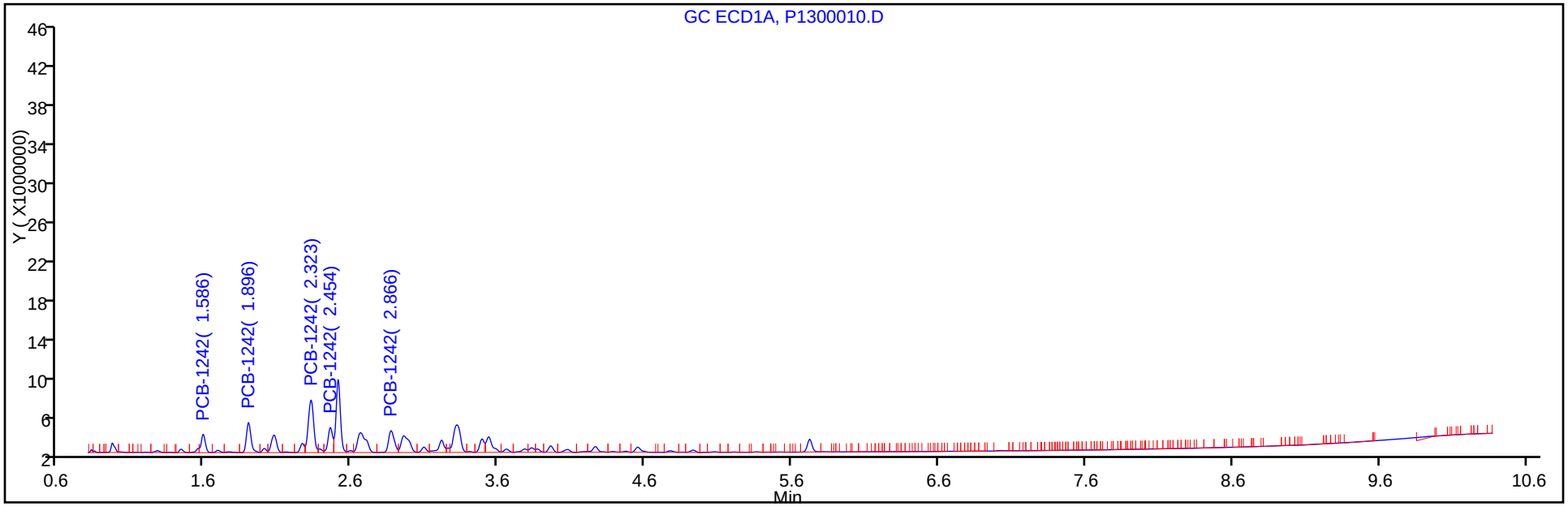
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

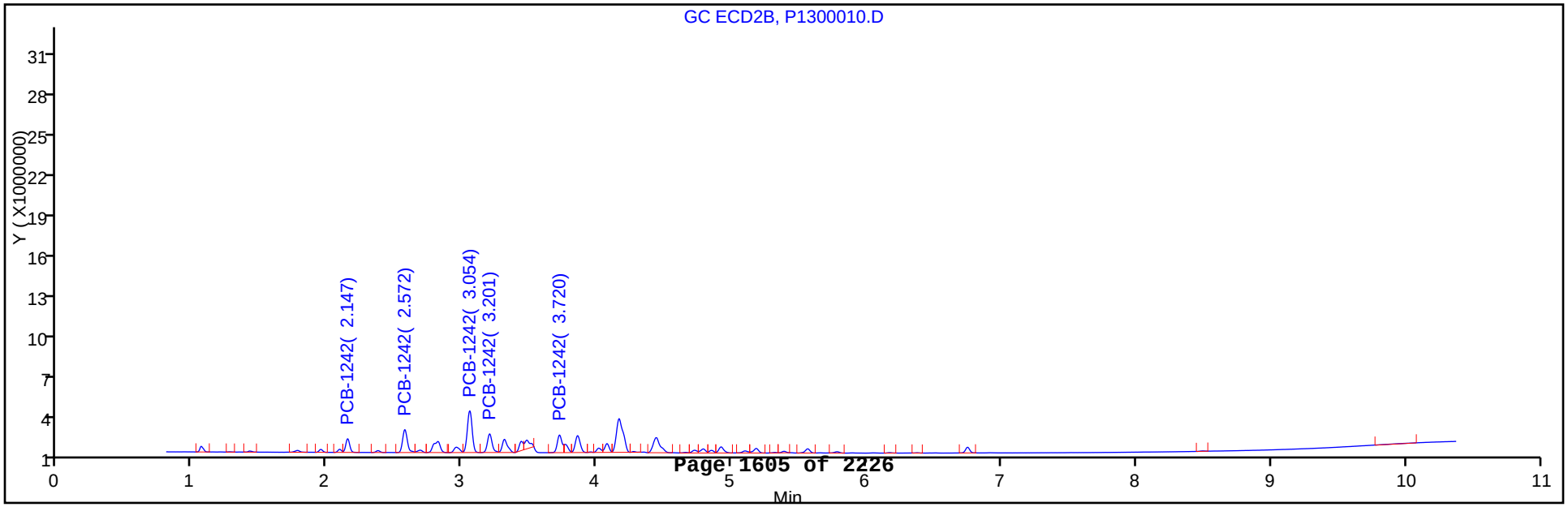
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 21-Oct-2012 18:52:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-011
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 62068 Lims Sample ID: 11
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:35 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	6948481	0.2111		100.0	M
1	2	1.895	1.896	-0.001	12579810	0.2108	156.0- 206.0	181.0	
1	3	2.322	2.323	-0.001	26406854	0.2073	355.0- 405.0	380.0	
1	4	2.454	2.454	0.000	10842083	0.2092	131.0- 181.0	156.0	
1	5	2.867	2.868	-0.001	11629407	0.2071	142.4- 192.4	167.4	
			Average of Peak Amounts =			0.2091			
2	6	2.147	2.148	-0.001	3866032	0.2073		100.0	
2	7	2.572	2.573	-0.001	7987487	0.2097	176.6- 236.6	206.6	
2	8	3.054	3.053	0.001	14936000	0.2055	356.3- 416.3	386.3	
2	9	3.201	3.202	-0.001	6409305	0.2056	135.8- 195.8	165.8	
2	10	3.720	3.719	0.001	5870156	0.2096	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.2075			
						RPD = 0.75			

QC Flag Legend

Review Flags
M - Manually Integrated

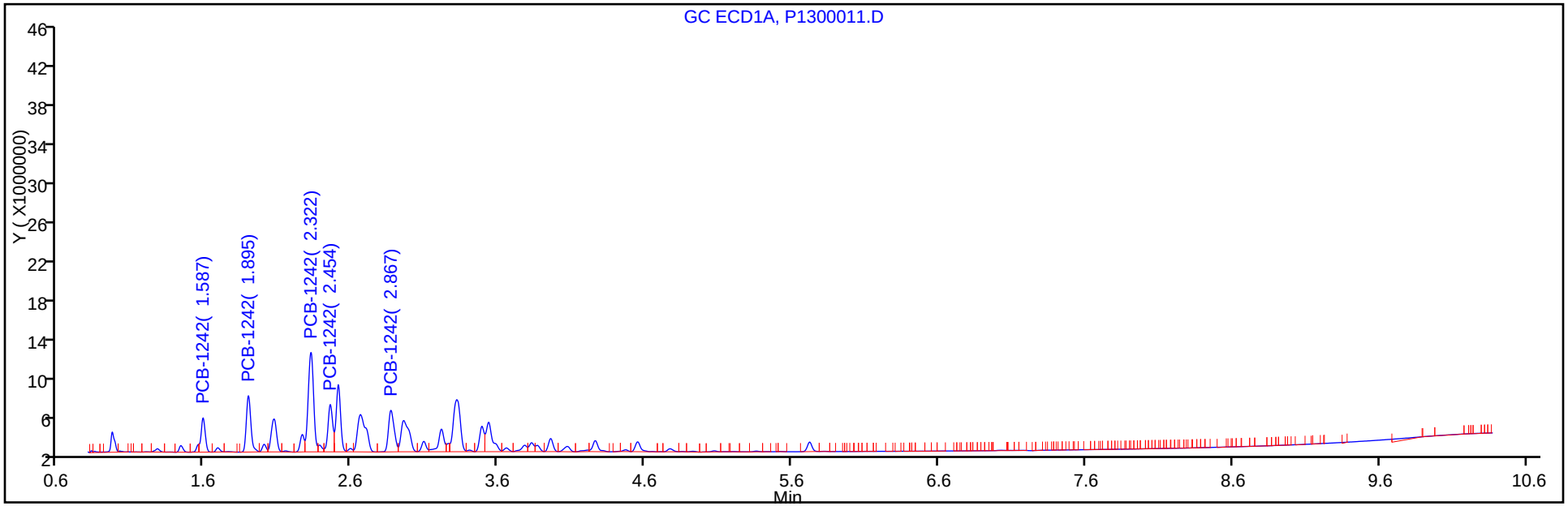
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

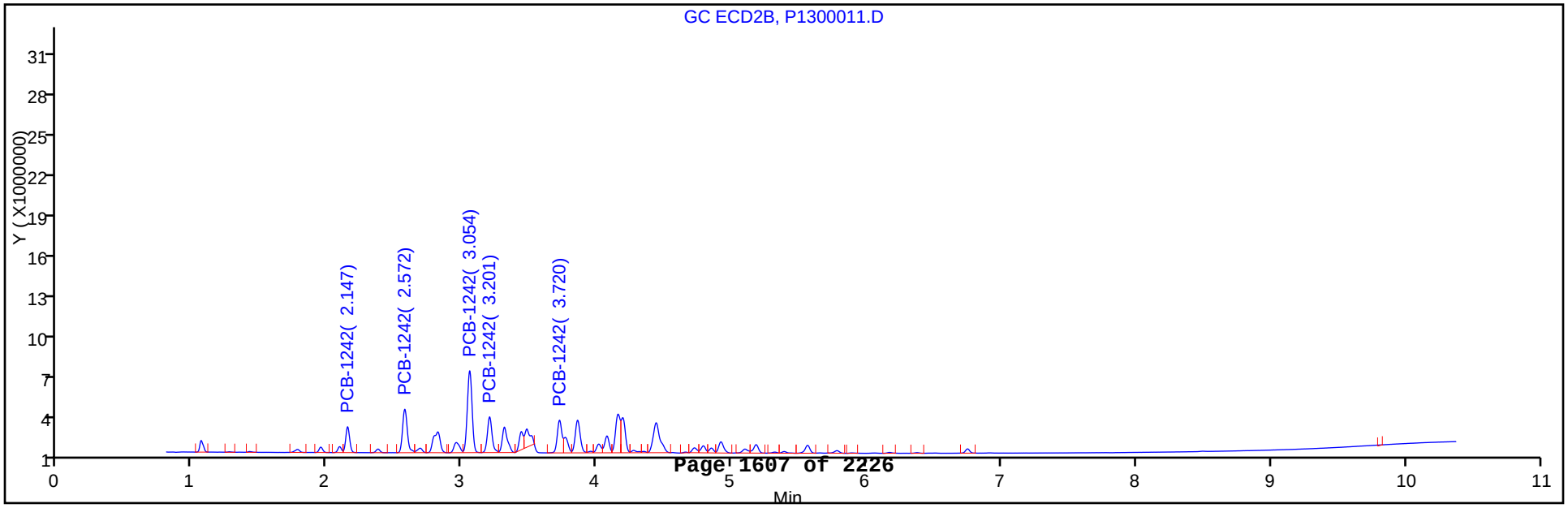
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D		
Lims ID:	STD05 1242	Client ID:	
Inject. Date:	21-Oct-2012 19:07:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014228-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	62068	Lims Sample ID:	12
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:34	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.588	1.587	0.001	15357117	0.4667		100.0	M
1	2	1.896	1.896	0.000	28524939	0.4780	156.0- 206.0	185.7	
1	3	2.323	2.323	0.000	61060859	0.4793	355.0- 405.0	397.6	
1	4	2.454	2.454	0.000	25615809	0.4942	131.0- 181.0	166.8	
1	5	2.867	2.868	-0.001	26850579	0.4781	142.4- 192.4	174.8	
			Average of Peak Amounts =			0.4793			
2	6	2.148	2.148	0.000	8793387	0.4715		100.0	
2	7	2.572	2.573	-0.001	18266334	0.4795	176.6- 236.6	207.7	
2	8	3.054	3.053	0.001	35320645	0.4860	356.3- 416.3	401.7	
2	9	3.201	3.202	-0.001	14830061	0.4758	135.8- 195.8	168.7	
2	10	3.720	3.719	0.001	12958357	0.4627	121.8- 181.8	147.4	
			Average of Peak Amounts =			0.4751			
						RPD = 0.87			

QC Flag Legend

Review Flags
M - Manually Integrated

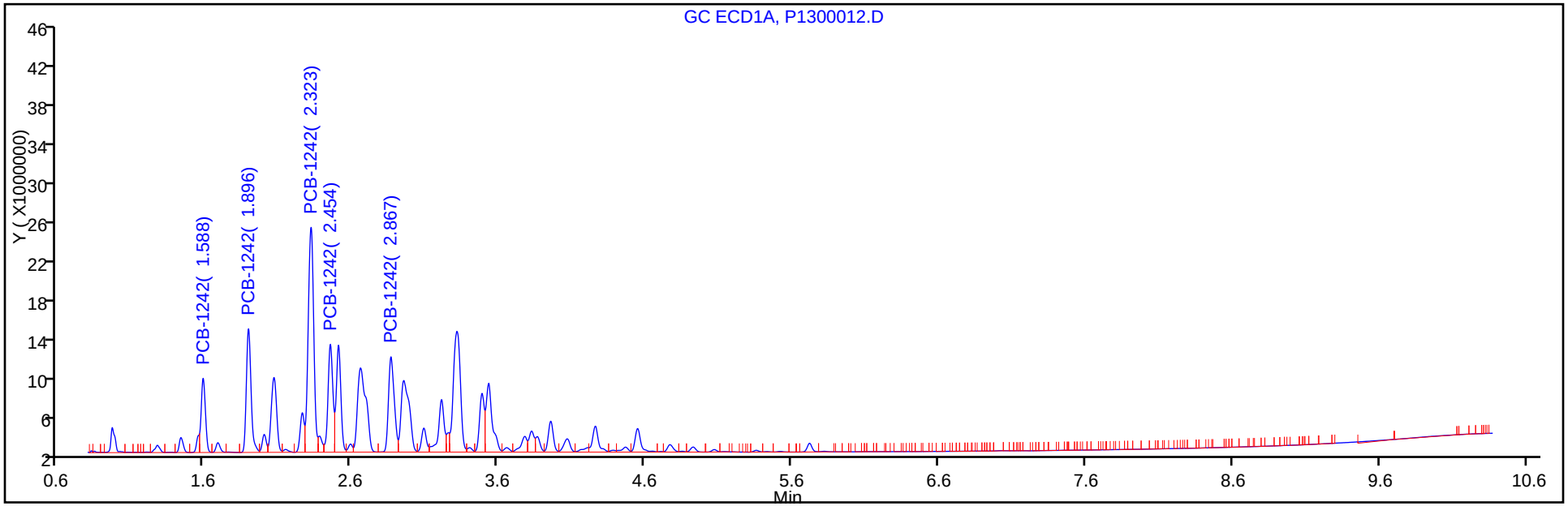
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

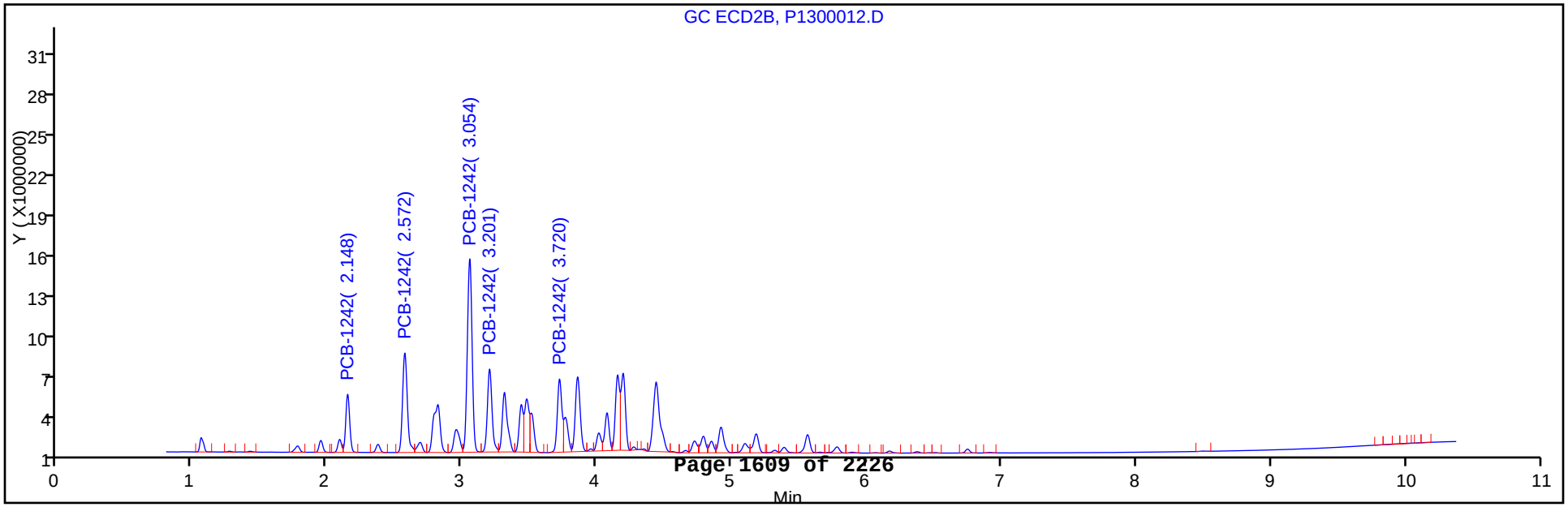
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D		
Lims ID:	STD1 1242	Client ID:	
Inject. Date:	21-Oct-2012 19:22:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	62068	Lims Sample ID:	13
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:32	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	28368197	0.8620		100.0	M
1	2	1.897	1.896	0.001	51775659	0.8677	156.0- 206.0	182.5	
1	3	2.322	2.323	-0.001	113121650	0.8880	355.0- 405.0	398.8	
1	4	2.454	2.454	0.000	48196842	0.9299	131.0- 181.0	169.9	
1	5	2.867	2.868	-0.001	49628893	0.8837	142.4- 192.4	174.9	
			Average of Peak Amounts =			0.8862			
2	6	2.147	2.148	-0.001	16343628	0.8763		100.0	
2	7	2.572	2.573	-0.001	34046790	0.8938	176.6- 236.6	208.3	
2	8	3.054	3.053	0.001	67395782	0.9274	356.3- 416.3	412.4	
2	9	3.201	3.202	-0.001	28041523	0.8997	135.8- 195.8	171.6	
2	10	3.720	3.719	0.001	24651587	0.8802	121.8- 181.8	150.8	
			Average of Peak Amounts =			0.8955			
						RPD = 1.04			

QC Flag Legend

Review Flags
M - Manually Integrated

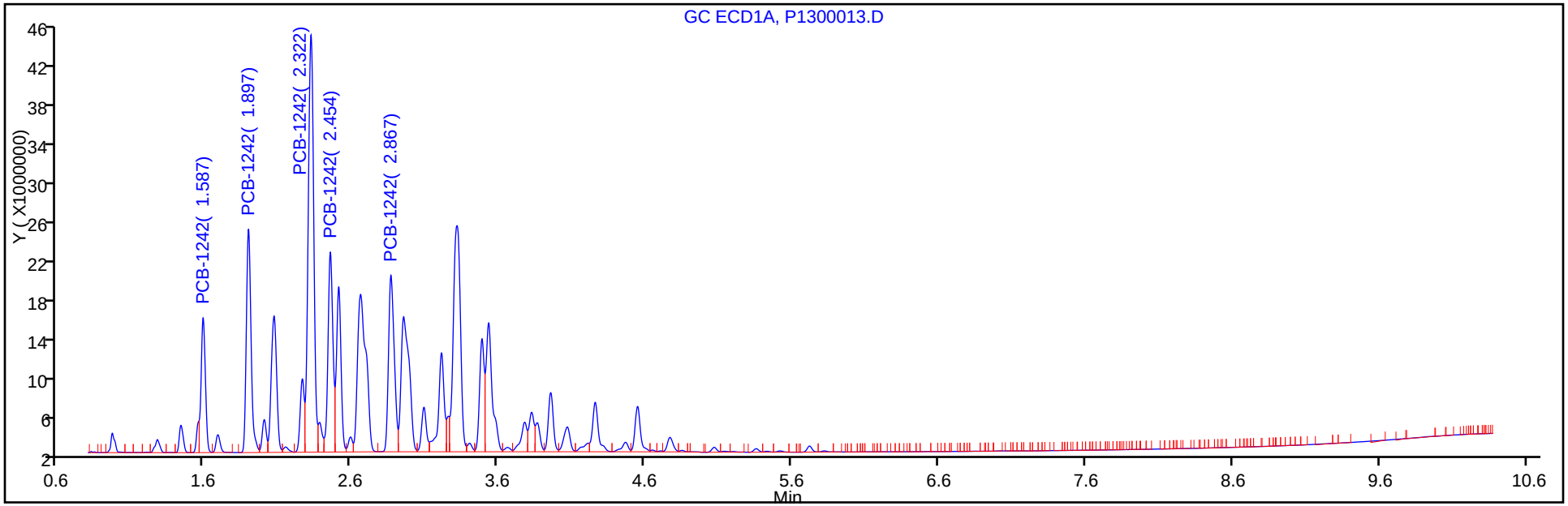
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

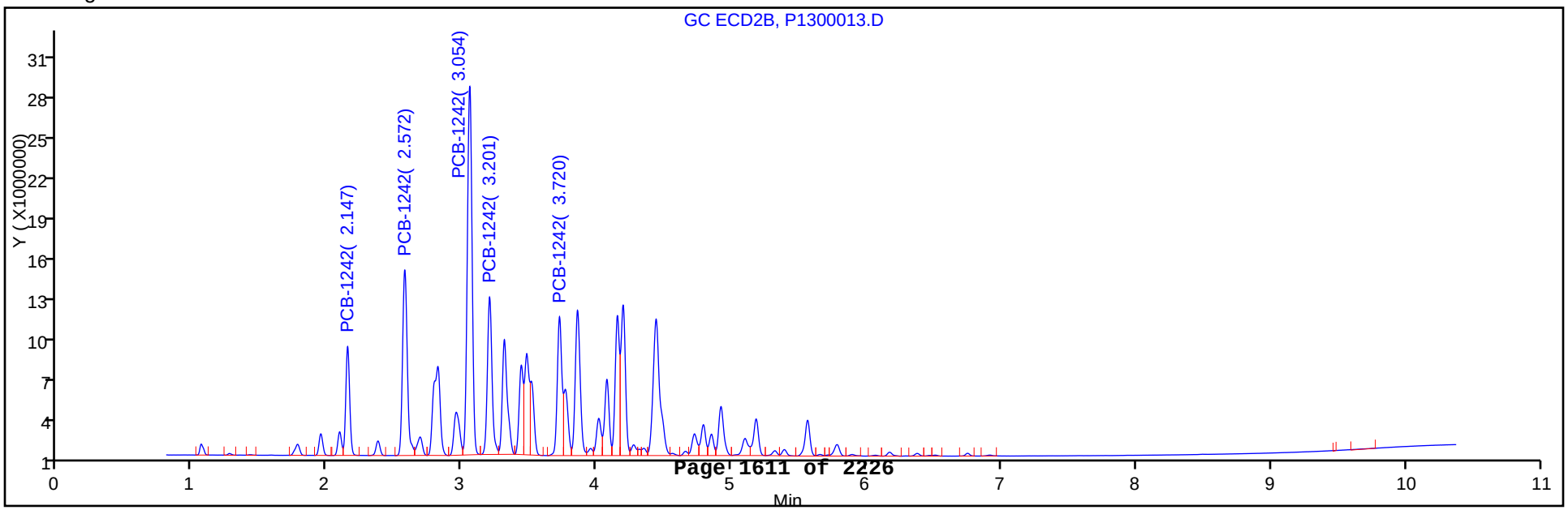
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	21-Oct-2012 19:37:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	62068	Lims Sample ID:	14
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:30	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	53563455	1.63		100.0	M
1	2	1.897	1.896	0.001	95321182	1.60	156.0- 206.0	178.0	
1	3	2.324	2.323	0.001	220672422	1.73	355.0- 405.0	412.0	
1	4	2.454	2.454	0.000	90317785	1.74	131.0- 181.0	168.6	
1	5	2.867	2.868	-0.001	93876421	1.67	142.4- 192.4	175.3	
			Average of Peak Amounts =			1.67			
2	6	2.148	2.148	0.000	31139764	1.67		100.0	
2	7	2.572	2.573	-0.001	64758648	1.70	176.6- 236.6	208.0	
2	8	3.053	3.053	0.000	129880002	1.79	356.3- 416.3	417.1	
2	9	3.201	3.202	-0.001	54079715	1.74	135.8- 195.8	173.7	
2	10	3.720	3.719	0.001	47706789	1.70	121.8- 181.8	153.2	
			Average of Peak Amounts =			1.72			
						RPD = 2.64			

QC Flag Legend

Review Flags
M - Manually Integrated

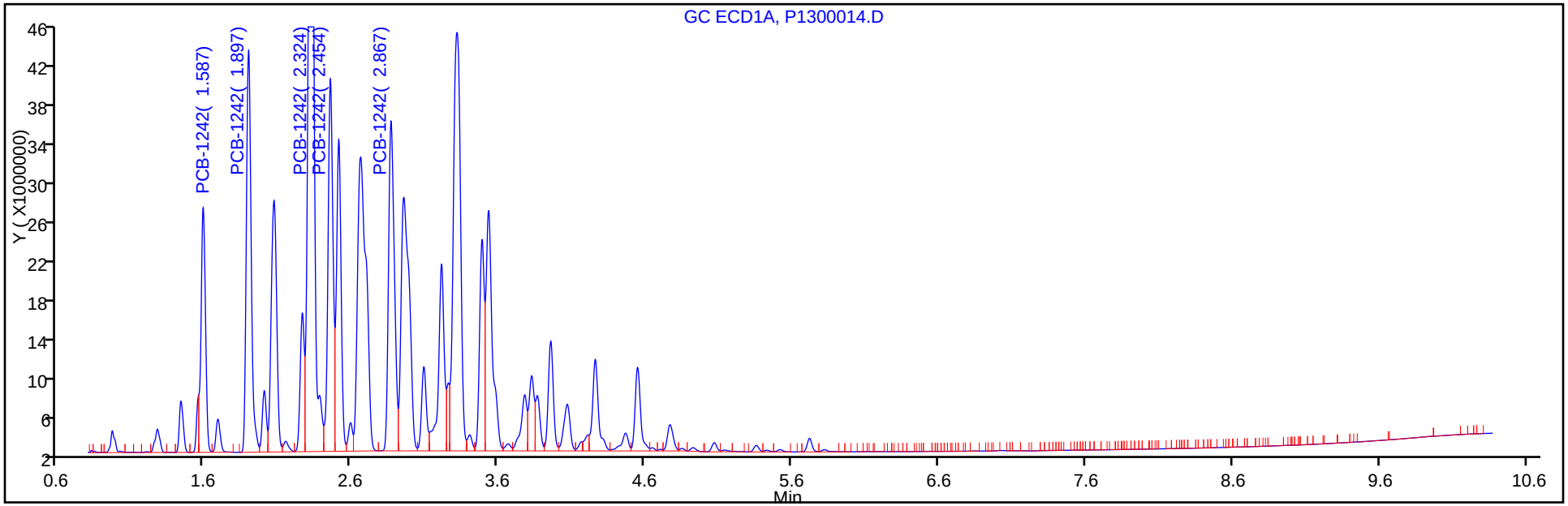
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

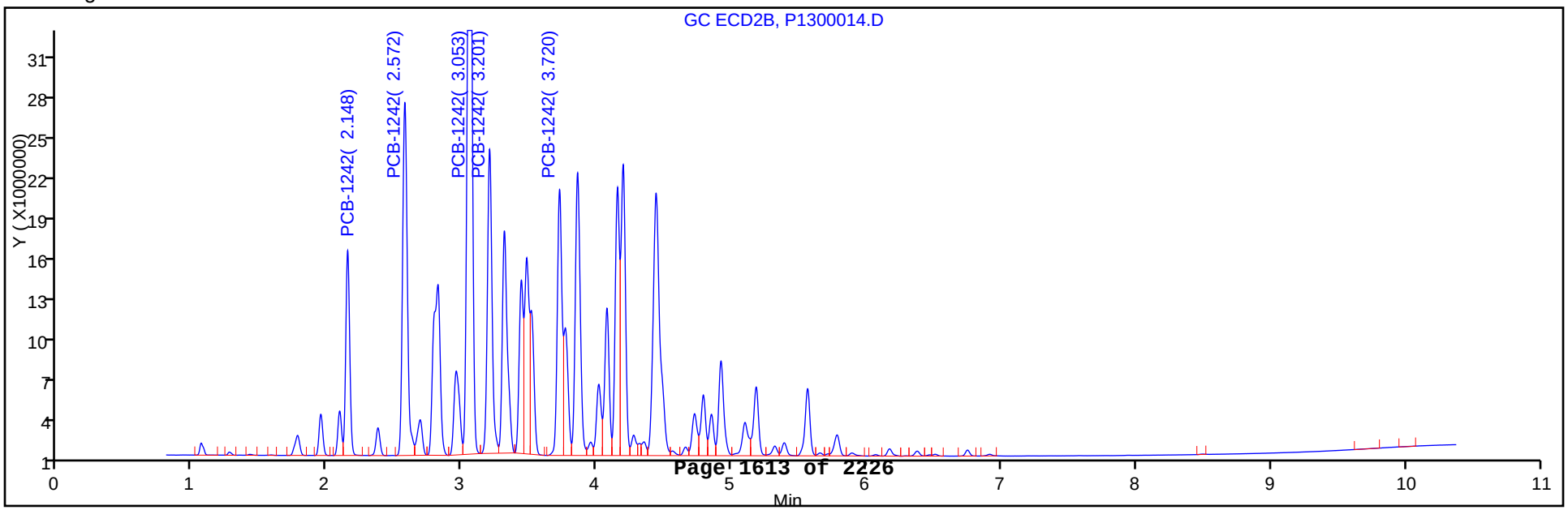
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	1.895	1.894	1.895	1.895	1.896	1.898					1.845 - 1.945	1.896
PCB-1248 Peak 2	2.319	2.320	2.320	2.320	2.321	2.323					2.269 - 2.369	2.321
PCB-1248 Peak 3	2.866	2.866	2.865	2.865	2.867	2.867					2.816 - 2.916	2.866
PCB-1248 Peak 4	3.489	3.488	3.488	3.488	3.489	3.491					3.439 - 3.539	3.489
PCB-1248 Peak 5	3.955	3.955	3.956	3.955	3.956	3.956					3.905 - 4.005	3.956

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.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								
PCB-1248 Peak 1	35627040 29135388	33536860 24068449	31456580	28340240	Ave		30360759.5				14.0		20.0			
PCB-1248 Peak 2	97099940 84632106	92102790 70970344	87394195	80875788	Ave		85512527.2				11.0		20.0			
PCB-1248 Peak 3	104899280 89853545	99647370 74499130	94783450	86648002	Ave		91721796.1				12.0		20.0			
PCB-1248 Peak 4	57588960 51679145	55149460 44783754	54397350	49975298	Ave		52262327.8				8.7		20.0			
PCB-1248 Peak 5	49819180 46162000	47528620 39172010	47538980	45014092	Ave		45872480.3				8.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.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
PCB-1248 Peak 1	Ave	1781352 48136898	3353686	6291316	14170120	29135388	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	4854997 141940688	9210279	17478839	40437894	84632106	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	5244964 148998259	9964737	18956690	43324001	89853545	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	2879448 89567507	5514946	10879470	24987649	51679145	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	2490959 78344020	4752862	9507796	22507046	46162000	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D		
Lims ID:	STD005 1248	Client ID:	
Inject. Date:	21-Oct-2012 19:52:26	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	62068	Lims Sample ID:	15
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:29	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	1781352	0.0587		100.0	
1	2	2.319	2.319	0.000	4854997	0.0568	252.8- 302.8	272.5	
1	3	2.866	2.866	0.000	5244964	0.0572	276.3- 326.3	294.4	
1	4	3.489	3.489	0.000	2879448	0.0551	147.9- 197.9	161.6	
1	5	3.955	3.955	0.000	2490959	0.0543	126.1- 176.1	139.8	
			Average of Peak Amounts =			0.0564			
2	6	2.570	2.570	0.000	1117228	0.0583		100.0	
2	7	3.053	3.053	0.000	2703681	0.0549	225.1- 285.1	242.0	
2	8	3.719	3.719	0.000	3462312	0.0573	285.5- 345.5	309.9	
2	9	3.853	3.853	0.000	2732609	0.0550	227.4- 287.4	244.6	
2	10	4.916	4.916	0.000	1636979	0.0548	126.6- 186.6	146.5	
			Average of Peak Amounts =			0.0560			
						RPD = 0.65			

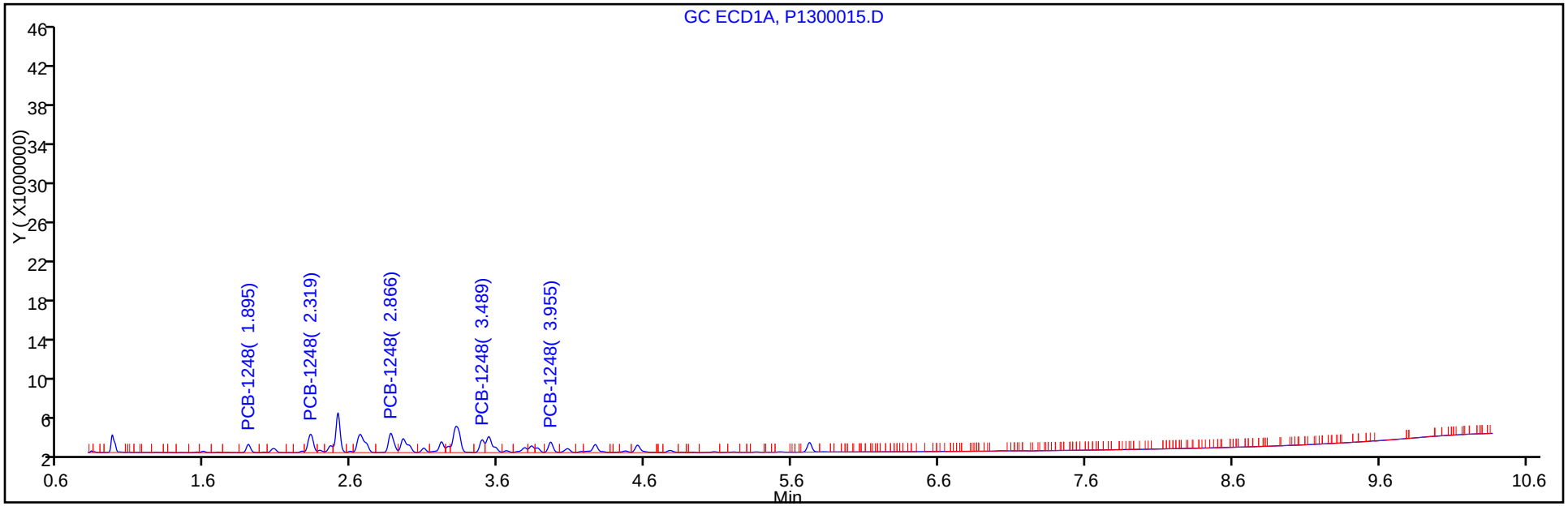
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

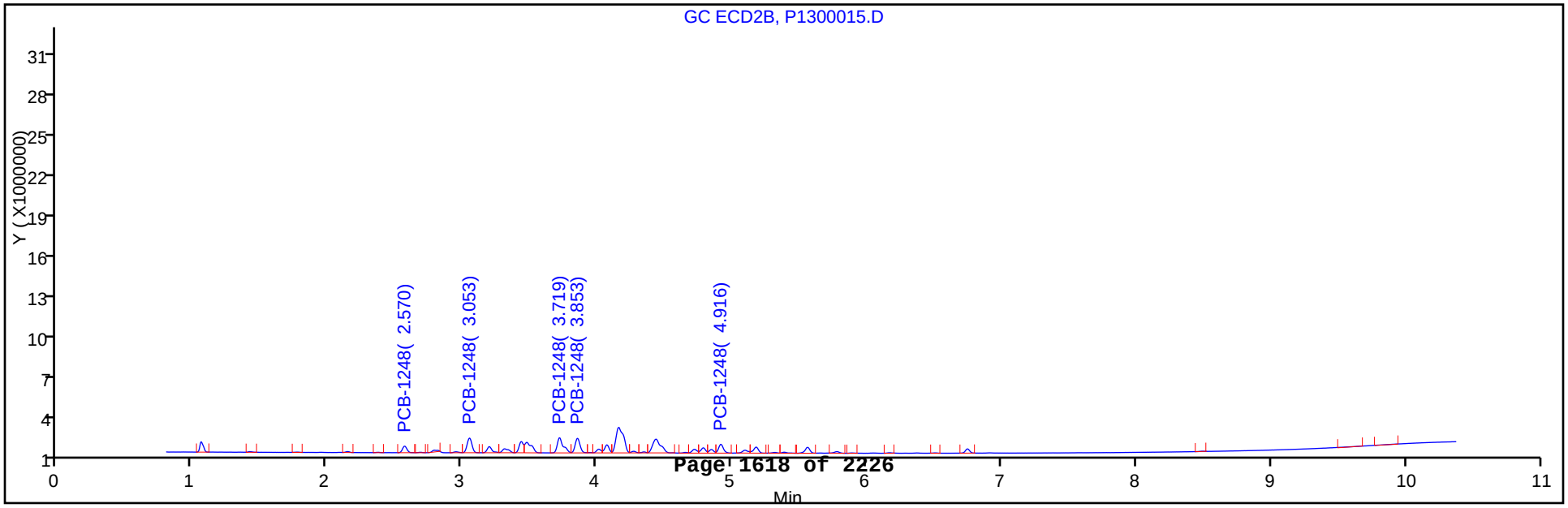
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

Injection Date:	21-Oct-2012 19:52:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D		
Lims ID:	STD01 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:07:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	62068	Lims Sample ID:	16
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:28	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.894	1.895	-0.001	3353686	0.1105		100.0	
1	2	2.320	2.319	0.001	9210279	0.1077	252.8- 302.8	274.6	
1	3	2.866	2.866	0.000	9964737	0.1086	276.3- 326.3	297.1	
1	4	3.488	3.489	-0.001	5514946	0.1055	147.9- 197.9	164.4	
1	5	3.955	3.955	0.000	4752862	0.1036	126.1- 176.1	141.7	
			Average of Peak Amounts =			0.1072			
2	6	2.569	2.570	-0.001	2082982	0.1087		100.0	
2	7	3.052	3.053	-0.001	5171437	0.1050	225.1- 285.1	248.3	
2	8	3.720	3.719	0.001	6444459	0.1066	285.5- 345.5	309.4	
2	9	3.853	3.853	0.000	5225099	0.1051	227.4- 287.4	250.8	
2	10	4.918	4.916	0.002	3136148	0.1050	126.6- 186.6	150.6	
			Average of Peak Amounts =			0.1061			
						RPD = 1.06			

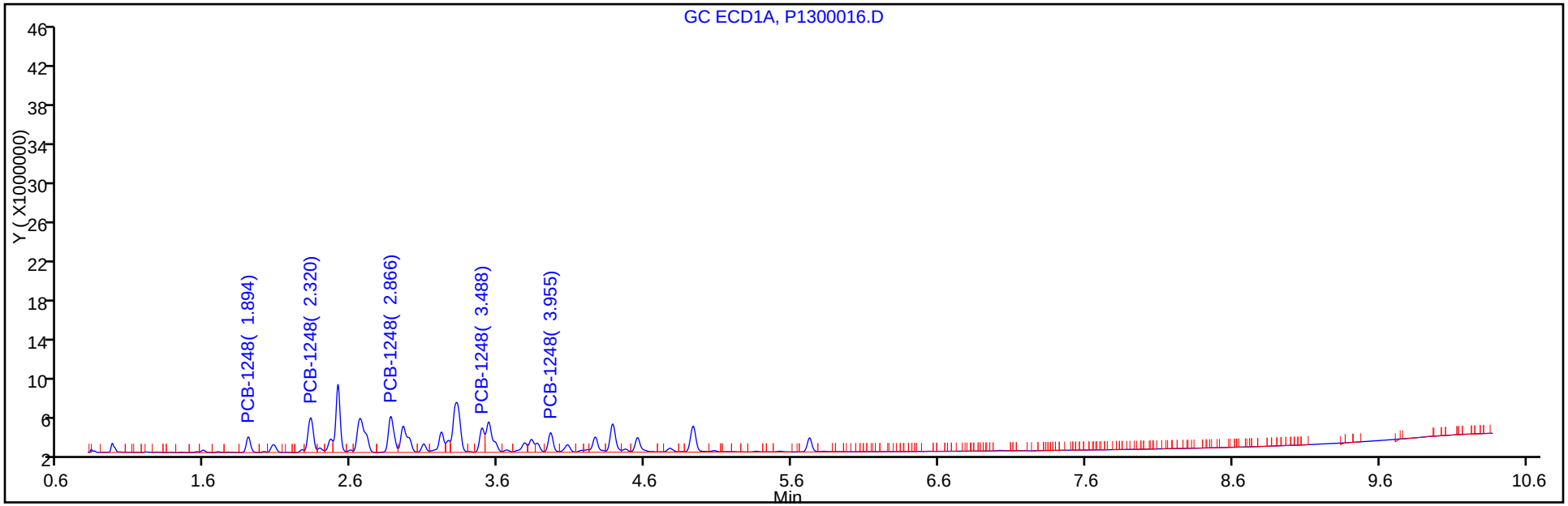
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

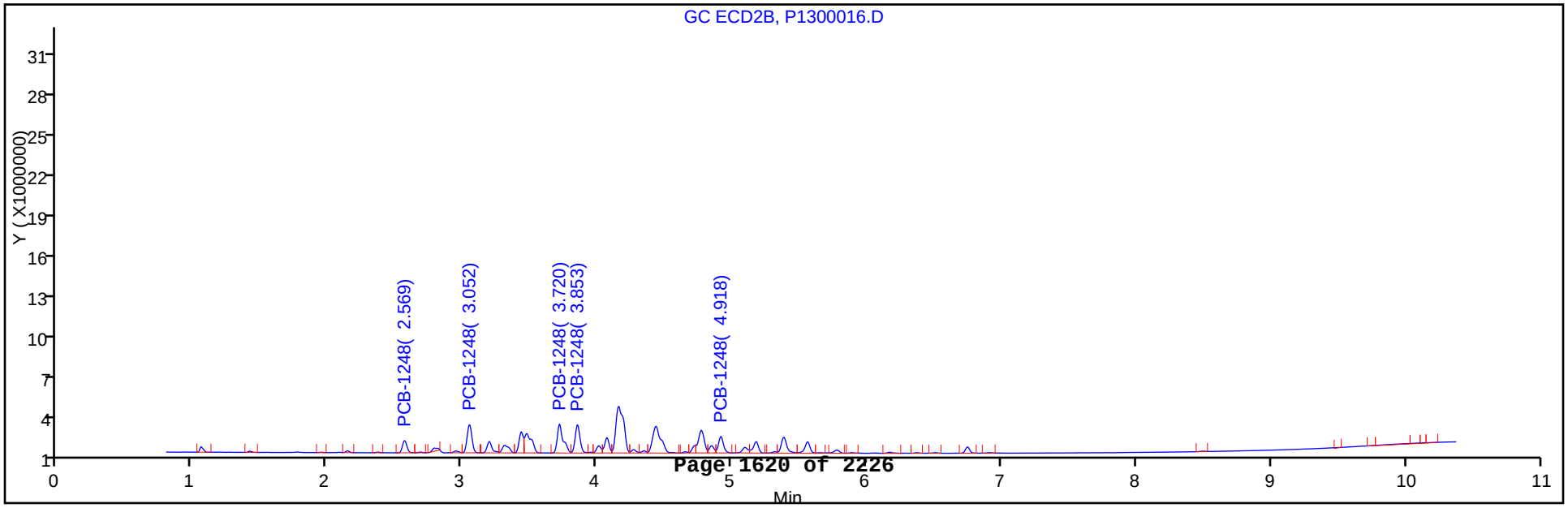
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

Injection Date:	21-Oct-2012 20:07:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D		
Lims ID:	STD02 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:22:16	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	62068	Lims Sample ID:	17
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:26	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	6291316	0.2072		100.0	
1	2	2.320	2.319	0.001	17478839	0.2044	252.8- 302.8	277.8	
1	3	2.865	2.866	-0.001	18956690	0.2067	276.3- 326.3	301.3	
1	4	3.488	3.489	-0.001	10879470	0.2082	147.9- 197.9	172.9	
1	5	3.956	3.955	0.001	9507796	0.2073	126.1- 176.1	151.1	
			Average of Peak Amounts =			0.2067			
2	6	2.570	2.570	0.000	3893609	0.2032		100.0	
2	7	3.052	3.053	-0.001	9933230	0.2016	225.1- 285.1	255.1	
2	8	3.721	3.719	0.002	12282545	0.2031	285.5- 345.5	315.5	
2	9	3.853	3.853	0.000	10020517	0.2016	227.4- 287.4	257.4	
2	10	4.917	4.916	0.001	6098245	0.2041	126.6- 186.6	156.6	
			Average of Peak Amounts =			0.2027			
						RPD = 1.97			

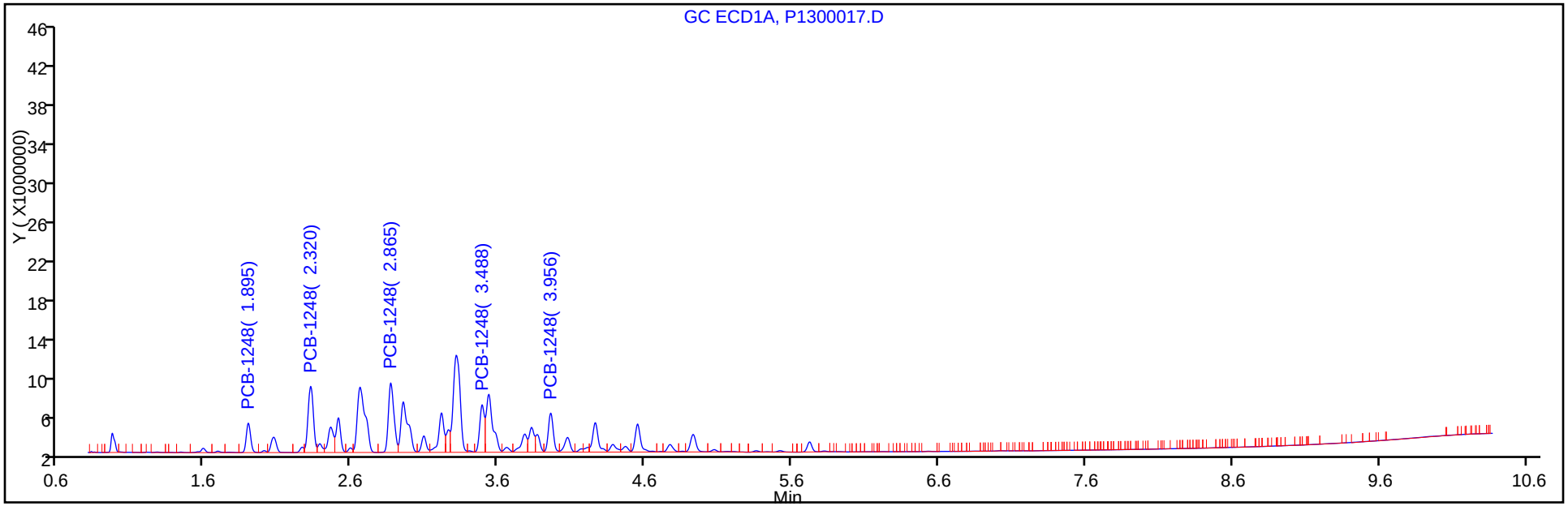
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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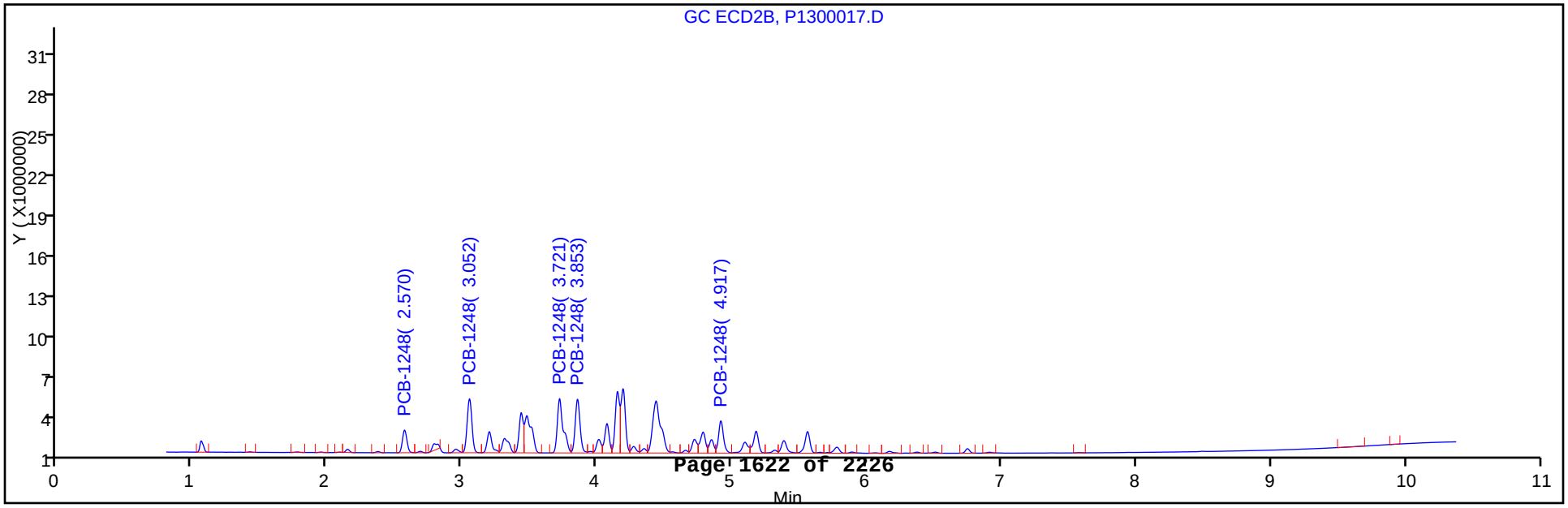
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

Injection Date:	21-Oct-2012 20:22:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	17
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 21-Oct-2012 20:37:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-018
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 62068 Lims Sample ID: 18
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:25 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	14170120	0.4667		100.0	
1	2	2.320	2.319	0.001	40437894	0.4729	252.8- 302.8	285.4	
1	3	2.865	2.866	-0.001	43324001	0.4723	276.3- 326.3	305.7	
1	4	3.488	3.489	-0.001	24987649	0.4781	147.9- 197.9	176.3	
1	5	3.955	3.955	0.000	22507046	0.4906	126.1- 176.1	158.8	
			Average of Peak Amounts =			0.4761			
2	6	2.570	2.570	0.000	8854766	0.4621		100.0	
2	7	3.052	3.053	-0.001	23340190	0.4738	225.1- 285.1	263.6	
2	8	3.720	3.719	0.001	28238370	0.4670	285.5- 345.5	318.9	
2	9	3.854	3.853	0.001	23599597	0.4748	227.4- 287.4	266.5	
2	10	4.918	4.916	0.002	14111828	0.4723	126.6- 186.6	159.4	
			Average of Peak Amounts =			0.4700			
						RPD = 1.31			

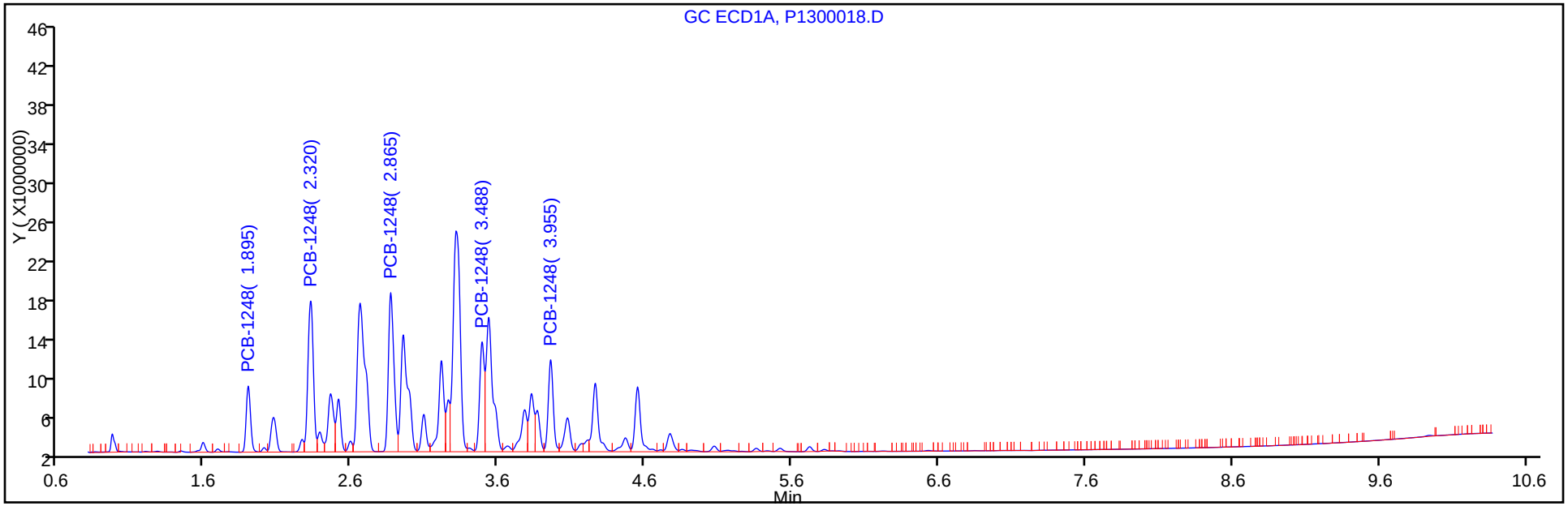
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

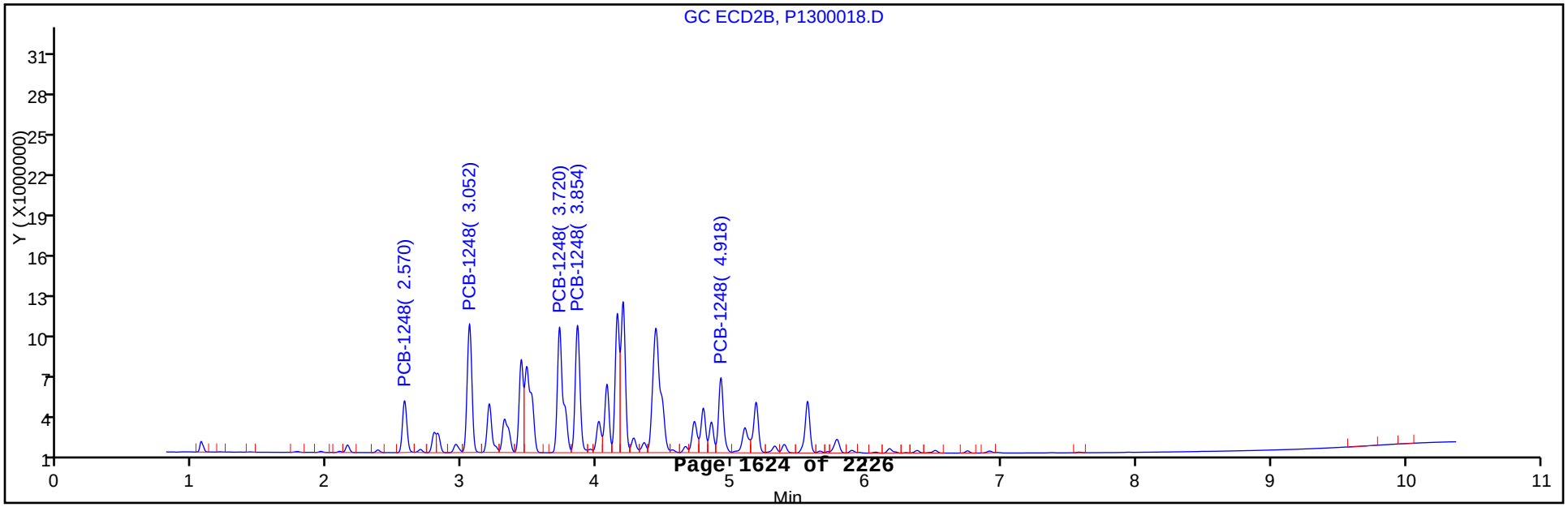
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

Injection Date:	21-Oct-2012 20:37:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	18
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D		
Lims ID:	STD1 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:52:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	62068	Lims Sample ID:	19
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:23	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.896	1.895	0.001	29135388	0.9596		100.0	
1	2	2.321	2.319	0.002	84632106	0.9897	252.8- 302.8	290.5	
1	3	2.867	2.866	0.001	89853545	0.9796	276.3- 326.3	308.4	
1	4	3.489	3.489	0.000	51679145	0.9888	147.9- 197.9	177.4	
1	5	3.956	3.955	0.001	46162000	1.01	126.1- 176.1	158.4	
			Average of Peak Amounts =			0.9848			
2	6	2.570	2.570	0.000	18764890	0.9792		100.0	
2	7	3.053	3.053	0.000	50161615	1.02	225.1- 285.1	267.3	
2	8	3.721	3.719	0.002	59878771	0.99	285.5- 345.5	319.1	
2	9	3.854	3.853	0.001	50492707	1.02	227.4- 287.4	269.1	
2	10	4.917	4.916	0.001	30146724	1.01	126.6- 186.6	160.7	
			Average of Peak Amounts =			1.00			
						RPD = 1.77			

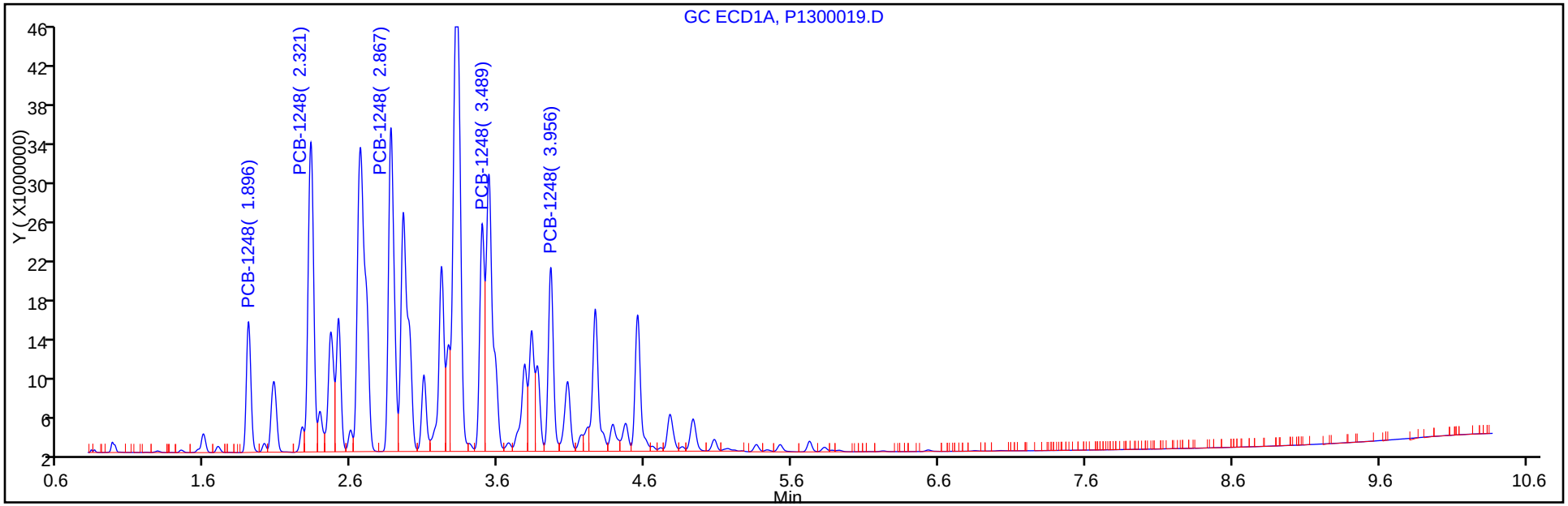
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

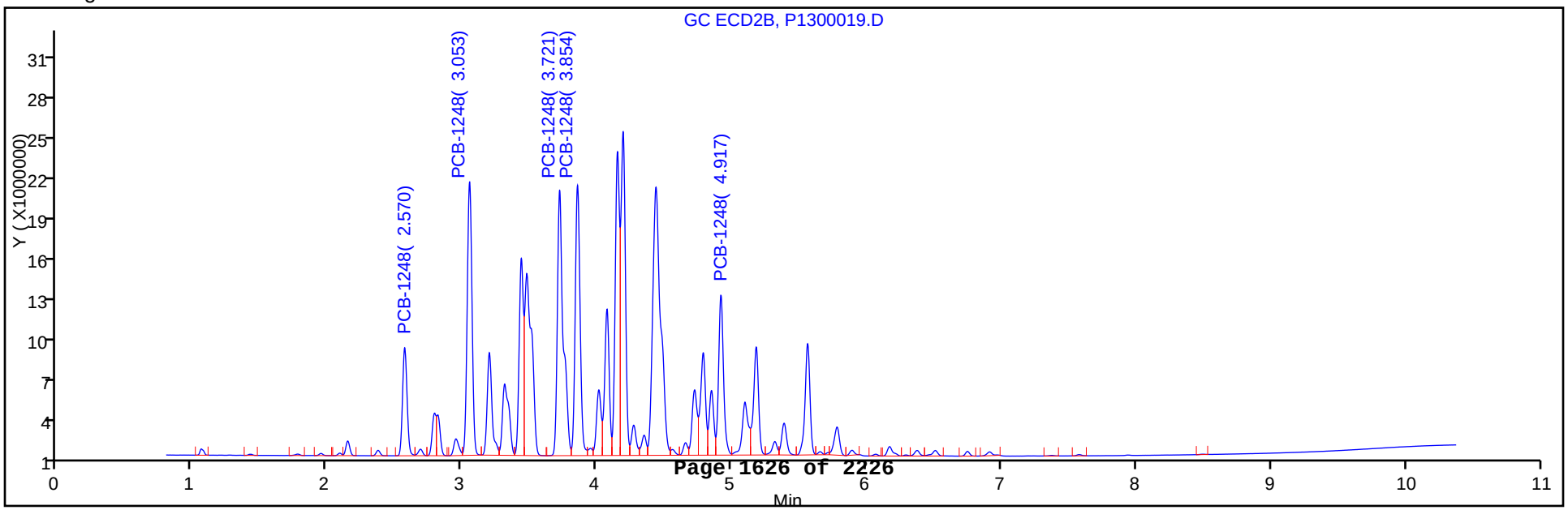
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

Injection Date:	21-Oct-2012 20:52:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	19
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D		
Lims ID:	STD2 1248	Client ID:	
Inject. Date:	21-Oct-2012 21:07:05	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	62068	Lims Sample ID:	20
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:21	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.898	1.895	0.003	48136898	1.59		100.0	
1	2	2.323	2.319	0.004	141940688	1.66	252.8- 302.8	294.9	
1	3	2.867	2.866	0.001	148998259	1.62	276.3- 326.3	309.5	
1	4	3.491	3.489	0.002	89567507	1.71	147.9- 197.9	186.1	
1	5	3.956	3.955	0.001	78344020	1.71	126.1- 176.1	162.8	
			Average of Peak Amounts =			1.66			
2	6	2.572	2.570	0.002	31723638	1.66		100.0	
2	7	3.053	3.053	0.000	86579334	1.76	225.1- 285.1	272.9	
2	8	3.721	3.719	0.002	102769872	1.70	285.5- 345.5	324.0	
2	9	3.854	3.853	0.001	87113870	1.75	227.4- 287.4	274.6	
2	10	4.919	4.916	0.003	52631215	1.76	126.6- 186.6	165.9	
			Average of Peak Amounts =			1.73			
						RPD = 3.96			

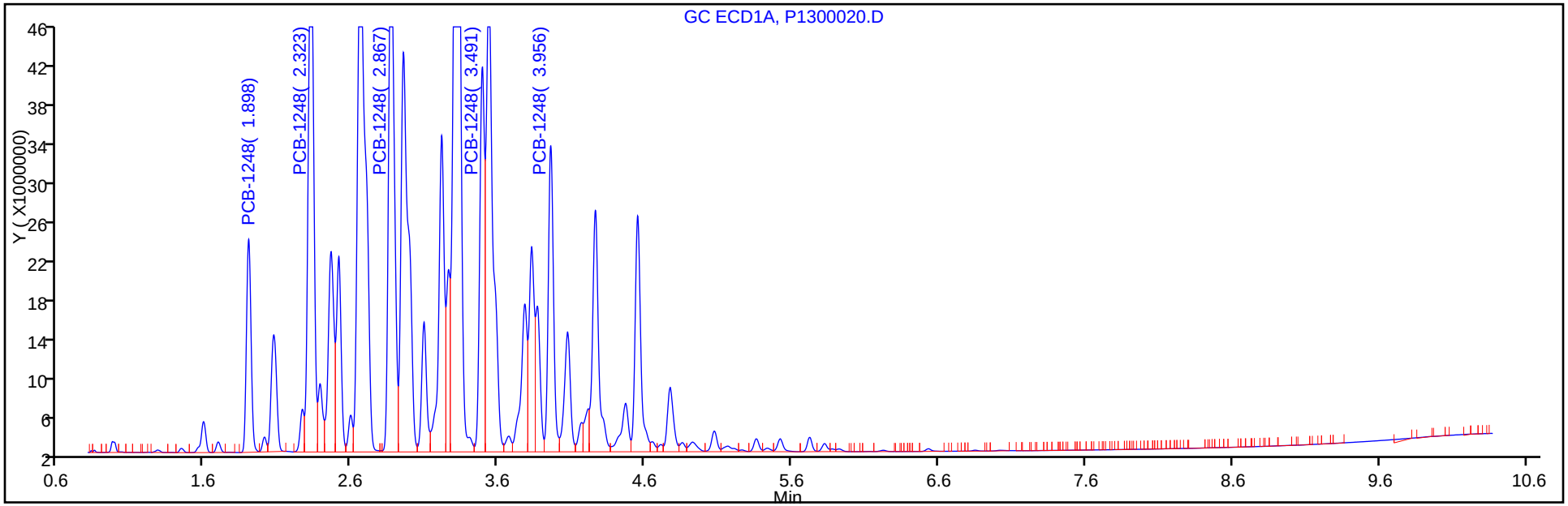
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

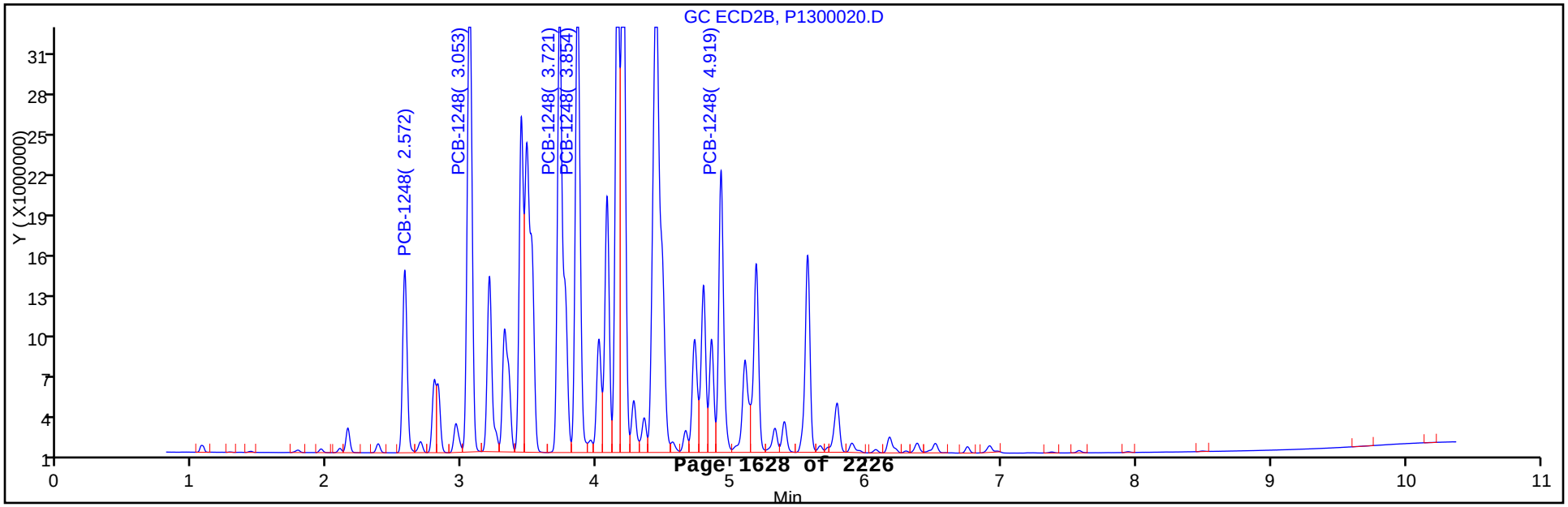
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

Injection Date:	21-Oct-2012 21:07:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	20
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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	2.570	2.569	2.570	2.570	2.570	2.572					2.520 - 2.620	2.570
PCB-1248 Peak 2	3.053	3.052	3.052	3.052	3.053	3.053					3.003 - 3.103	3.053
PCB-1248 Peak 3	3.719	3.720	3.721	3.720	3.721	3.721					3.669 - 3.769	3.720
PCB-1248 Peak 4	3.853	3.853	3.853	3.854	3.854	3.854					3.803 - 3.903	3.854
PCB-1248 Peak 5	4.916	4.918	4.917	4.918	4.917	4.919					4.866 - 4.966	4.918

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.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								
PCB-1248 Peak 1	22344560 18764890	20829820 15861819	19468045	17709532	Ave		19163111.0				12.0		20.0			
PCB-1248 Peak 2	54073620 50161615	51714370 43289667	49666150	46680380	Ave		49264300.3				7.7		20.0			
PCB-1248 Peak 3	69246240 59878771	64444590 51384936	61412725	56476740	Ave		60474000.3				10.0		20.0			
PCB-1248 Peak 4	54652180 50492707	52250990 43556935	50102585	47199194	Ave		49709098.5				7.8		20.0			
PCB-1248 Peak 5	32739580 30146724	31361480 26315608	30491225	28223656	Ave		29879712.1				7.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.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
PCB-1248 Peak 1	Ave	1117228 31723638	2082982	3893609	8854766	18764890	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	2703681 86579334	5171437	9933230	23340190	50161615	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	3462312 102769872	6444459	12282545	28238370	59878771	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	2732609 87113870	5225099	10020517	23599597	50492707	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1636979 52631215	3136148	6098245	14111828	30146724	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D		
Lims ID:	STD005 1248	Client ID:	
Inject. Date:	21-Oct-2012 19:52:26	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	62068	Lims Sample ID:	15
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:29	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	1781352	0.0587		100.0	
1	2	2.319	2.319	0.000	4854997	0.0568	252.8- 302.8	272.5	
1	3	2.866	2.866	0.000	5244964	0.0572	276.3- 326.3	294.4	
1	4	3.489	3.489	0.000	2879448	0.0551	147.9- 197.9	161.6	
1	5	3.955	3.955	0.000	2490959	0.0543	126.1- 176.1	139.8	
			Average of Peak Amounts =			0.0564			
2	6	2.570	2.570	0.000	1117228	0.0583		100.0	
2	7	3.053	3.053	0.000	2703681	0.0549	225.1- 285.1	242.0	
2	8	3.719	3.719	0.000	3462312	0.0573	285.5- 345.5	309.9	
2	9	3.853	3.853	0.000	2732609	0.0550	227.4- 287.4	244.6	
2	10	4.916	4.916	0.000	1636979	0.0548	126.6- 186.6	146.5	
			Average of Peak Amounts =			0.0560			
						RPD = 0.65			

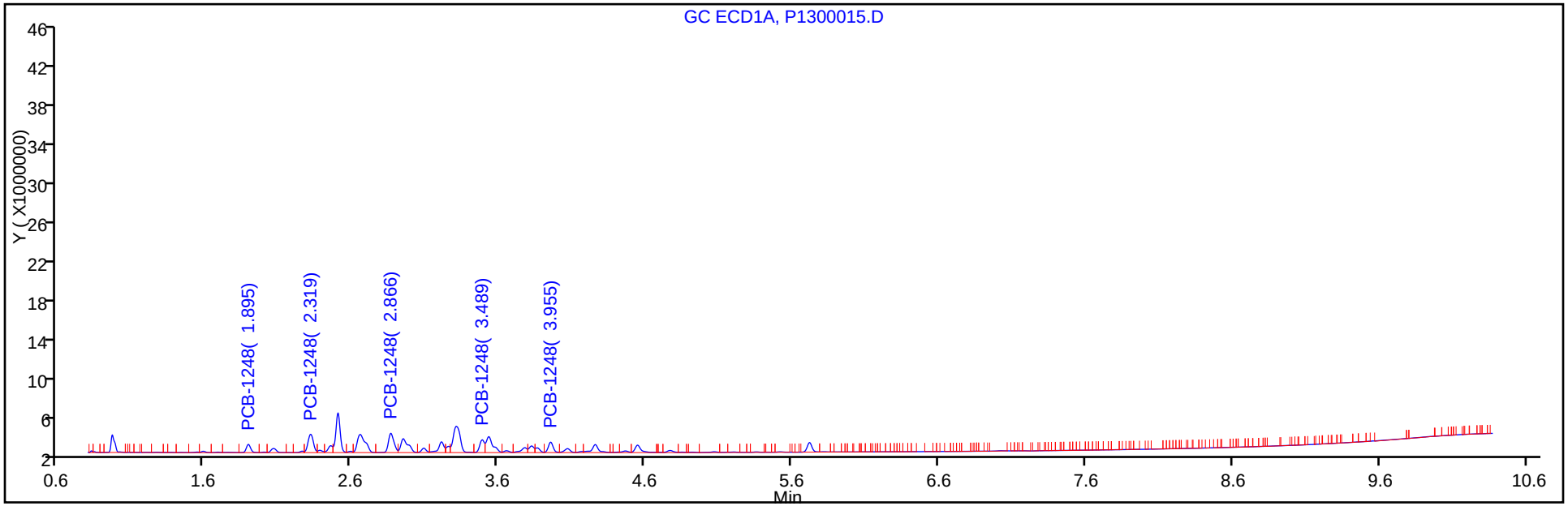
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

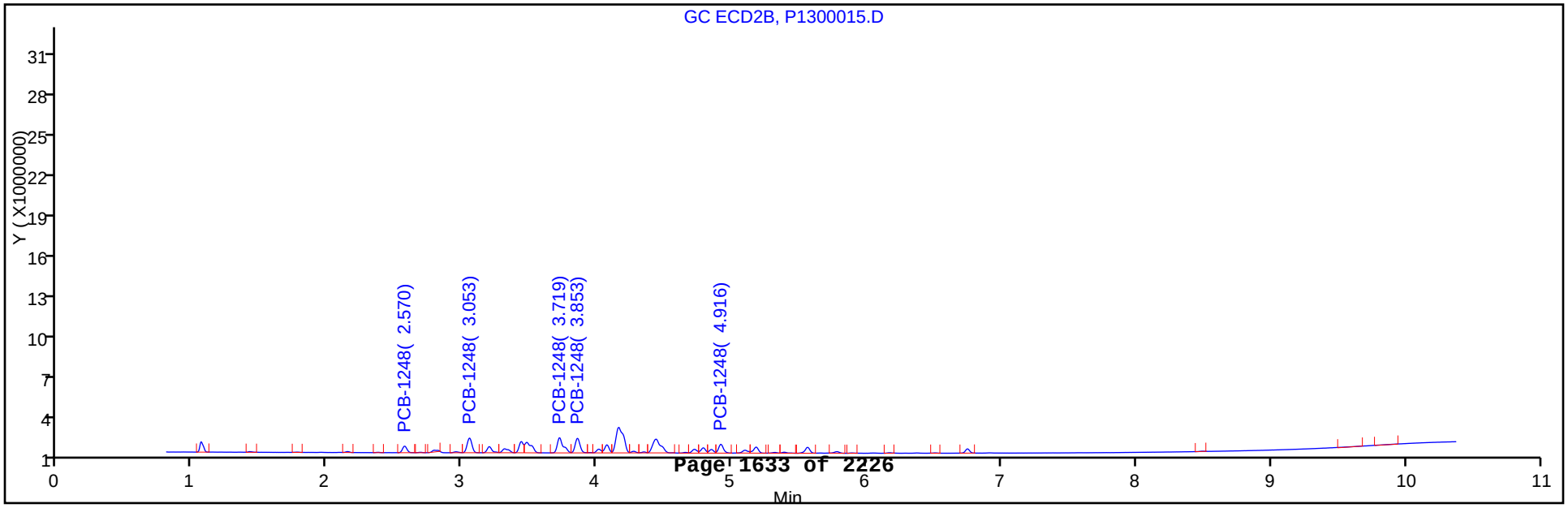
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

Injection Date:	21-Oct-2012 19:52:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 21-Oct-2012 20:07:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-016
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 62068 Lims Sample ID: 16
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:28 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.894	1.895	-0.001	3353686	0.1105		100.0	
1	2	2.320	2.319	0.001	9210279	0.1077	252.8- 302.8	274.6	
1	3	2.866	2.866	0.000	9964737	0.1086	276.3- 326.3	297.1	
1	4	3.488	3.489	-0.001	5514946	0.1055	147.9- 197.9	164.4	
1	5	3.955	3.955	0.000	4752862	0.1036	126.1- 176.1	141.7	
			Average of Peak Amounts =			0.1072			
2	6	2.569	2.570	-0.001	2082982	0.1087		100.0	
2	7	3.052	3.053	-0.001	5171437	0.1050	225.1- 285.1	248.3	
2	8	3.720	3.719	0.001	6444459	0.1066	285.5- 345.5	309.4	
2	9	3.853	3.853	0.000	5225099	0.1051	227.4- 287.4	250.8	
2	10	4.918	4.916	0.002	3136148	0.1050	126.6- 186.6	150.6	
			Average of Peak Amounts =			0.1061			
						RPD = 1.06			

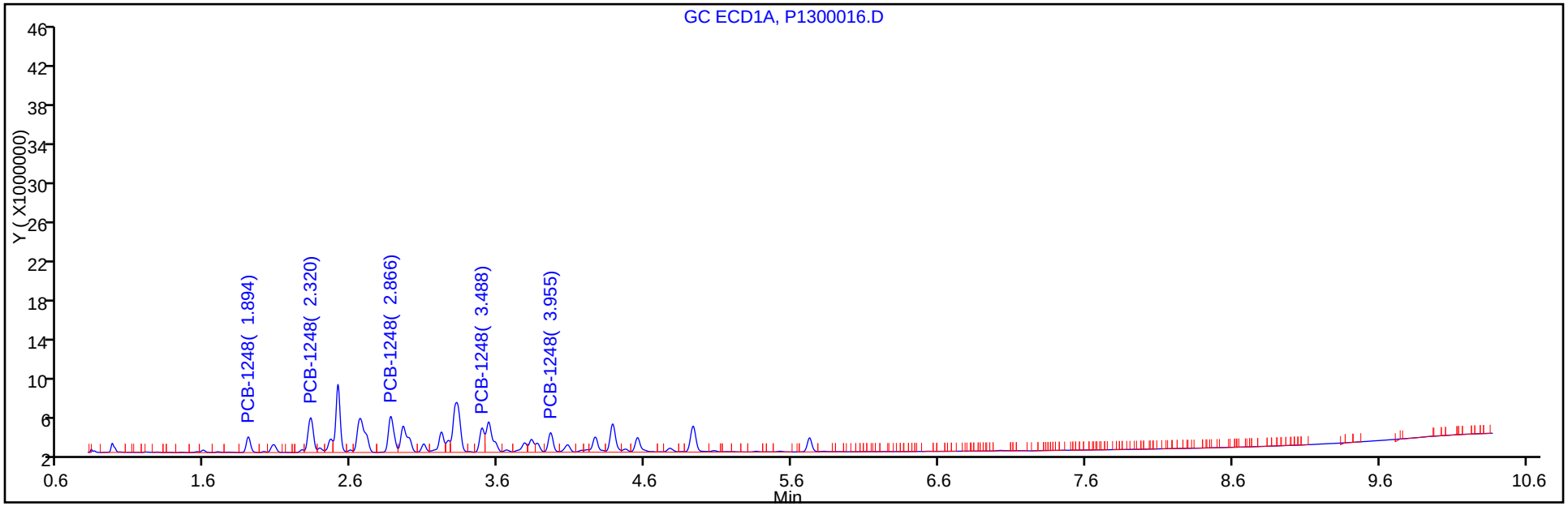
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

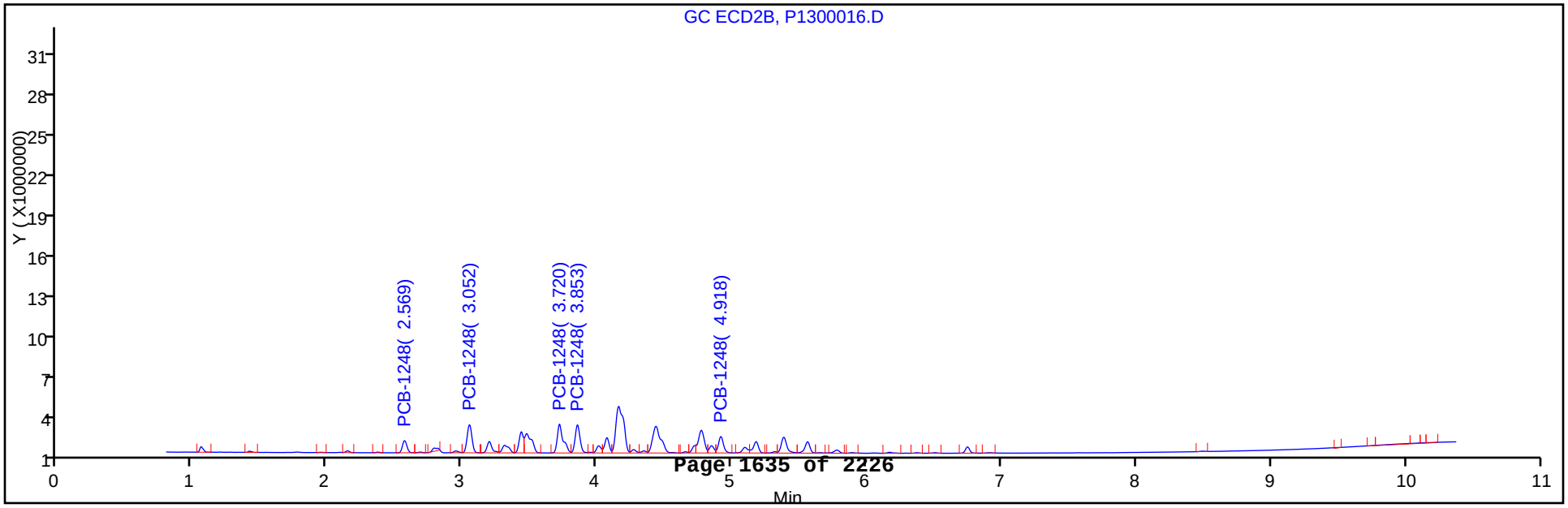
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

Injection Date:	21-Oct-2012 20:07:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 21-Oct-2012 20:22:16 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-017
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 62068 Lims Sample ID: 17
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:26 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	6291316	0.2072		100.0	
1	2	2.320	2.319	0.001	17478839	0.2044	252.8- 302.8	277.8	
1	3	2.865	2.866	-0.001	18956690	0.2067	276.3- 326.3	301.3	
1	4	3.488	3.489	-0.001	10879470	0.2082	147.9- 197.9	172.9	
1	5	3.956	3.955	0.001	9507796	0.2073	126.1- 176.1	151.1	
			Average of Peak Amounts =			0.2067			
2	6	2.570	2.570	0.000	3893609	0.2032		100.0	
2	7	3.052	3.053	-0.001	9933230	0.2016	225.1- 285.1	255.1	
2	8	3.721	3.719	0.002	12282545	0.2031	285.5- 345.5	315.5	
2	9	3.853	3.853	0.000	10020517	0.2016	227.4- 287.4	257.4	
2	10	4.917	4.916	0.001	6098245	0.2041	126.6- 186.6	156.6	
			Average of Peak Amounts =			0.2027			
						RPD = 1.97			

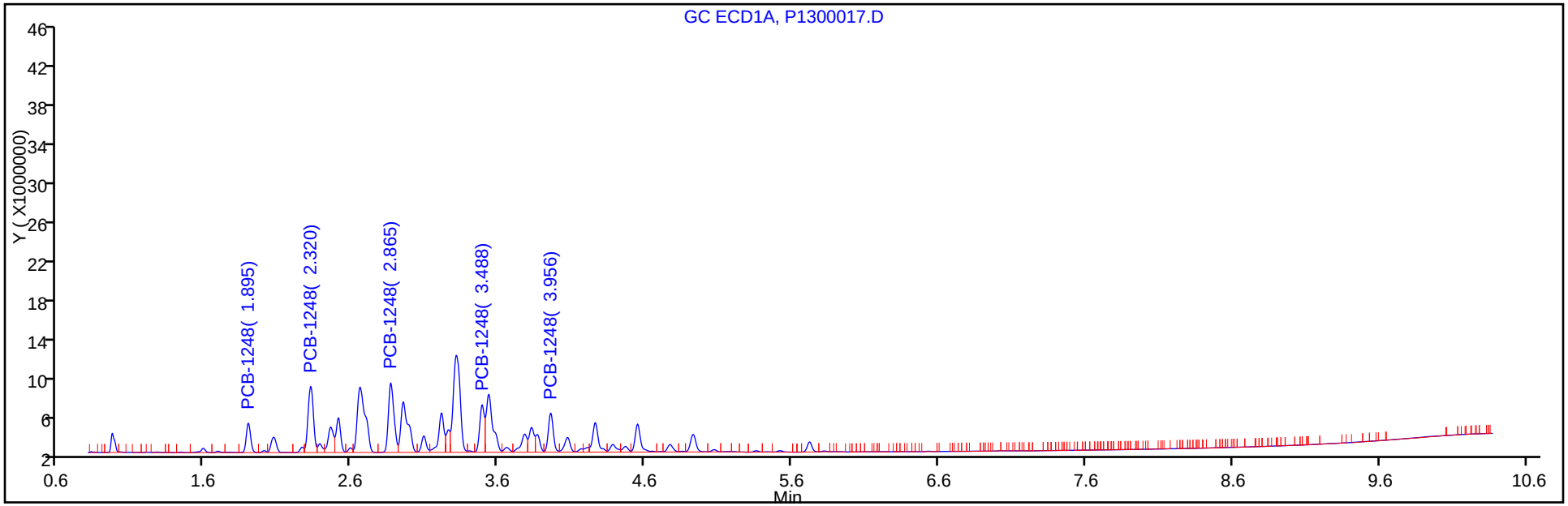
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

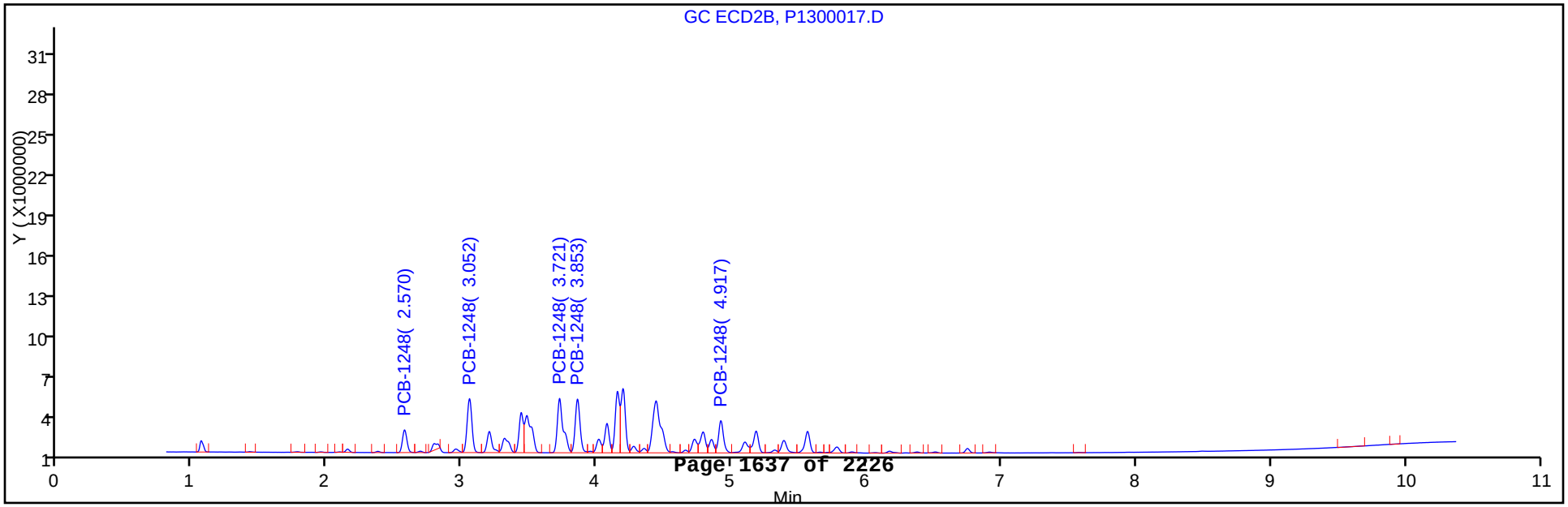
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

Injection Date:	21-Oct-2012 20:22:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	17
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 21-Oct-2012 20:37:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-018
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 62068 Lims Sample ID: 18
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:25 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	14170120	0.4667		100.0	
1	2	2.320	2.319	0.001	40437894	0.4729	252.8- 302.8	285.4	
1	3	2.865	2.866	-0.001	43324001	0.4723	276.3- 326.3	305.7	
1	4	3.488	3.489	-0.001	24987649	0.4781	147.9- 197.9	176.3	
1	5	3.955	3.955	0.000	22507046	0.4906	126.1- 176.1	158.8	
			Average of Peak Amounts =			0.4761			
2	6	2.570	2.570	0.000	8854766	0.4621		100.0	
2	7	3.052	3.053	-0.001	23340190	0.4738	225.1- 285.1	263.6	
2	8	3.720	3.719	0.001	28238370	0.4670	285.5- 345.5	318.9	
2	9	3.854	3.853	0.001	23599597	0.4748	227.4- 287.4	266.5	
2	10	4.918	4.916	0.002	14111828	0.4723	126.6- 186.6	159.4	
			Average of Peak Amounts =			0.4700			
						RPD = 1.31			

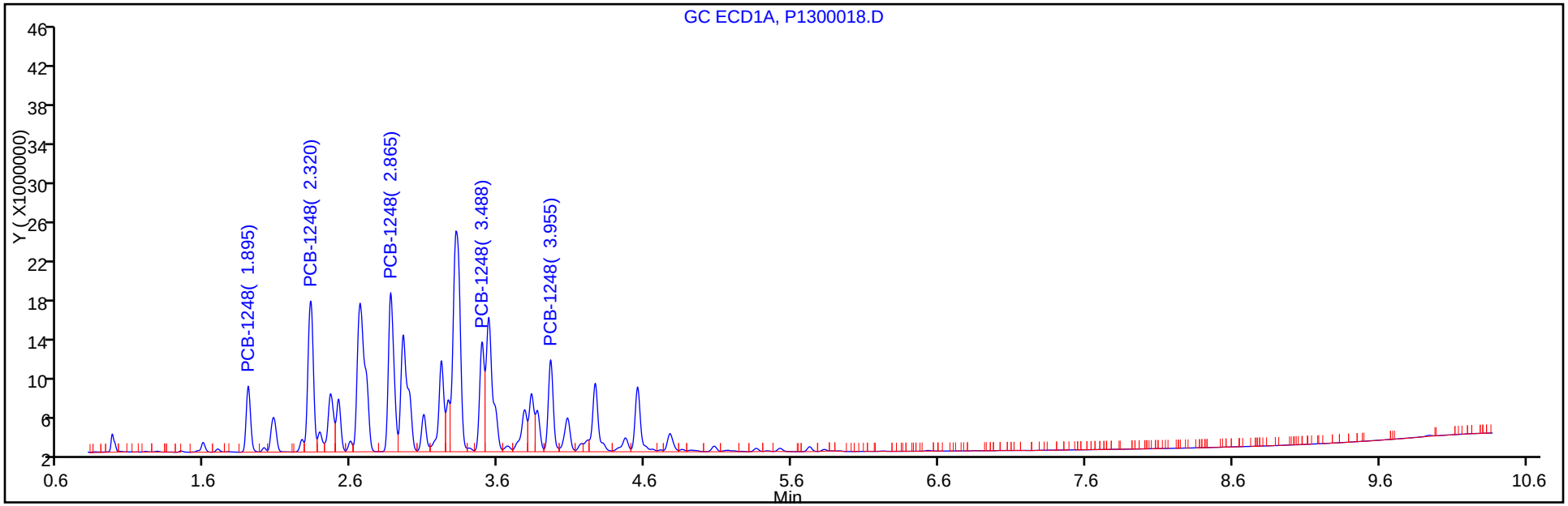
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

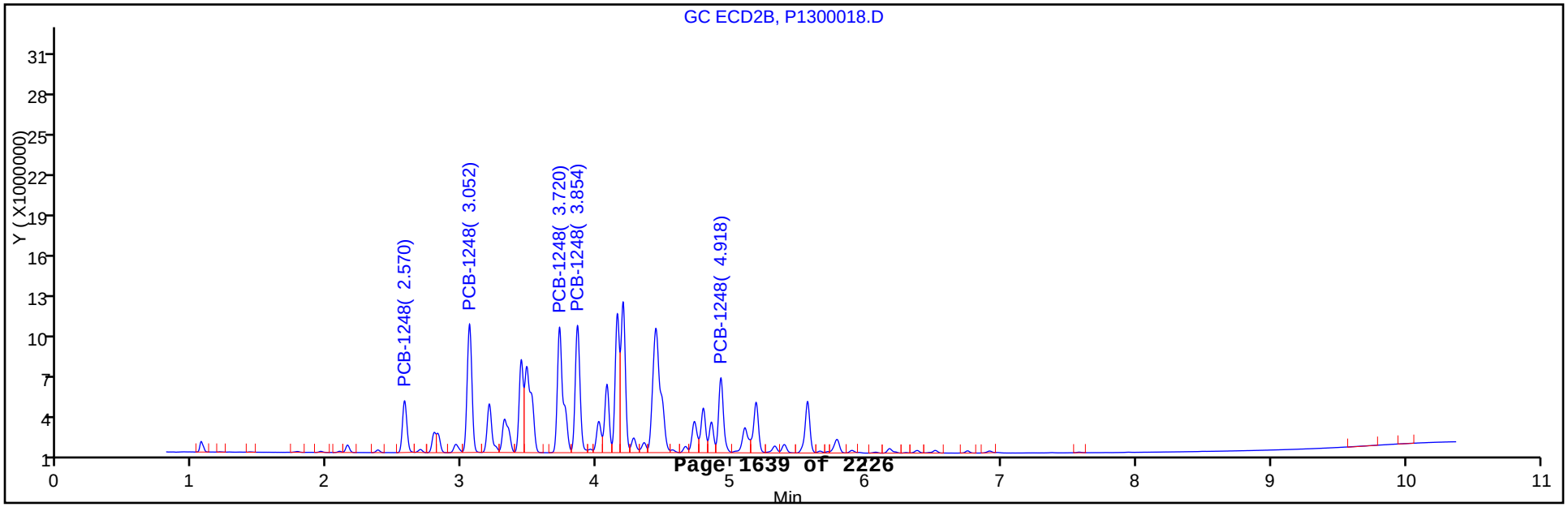
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

Injection Date:	21-Oct-2012 20:37:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	18
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 21-Oct-2012 20:52:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-019
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 62068 Lims Sample ID: 19
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:23 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.896	1.895	0.001	29135388	0.9596		100.0	
1	2	2.321	2.319	0.002	84632106	0.9897	252.8- 302.8	290.5	
1	3	2.867	2.866	0.001	89853545	0.9796	276.3- 326.3	308.4	
1	4	3.489	3.489	0.000	51679145	0.9888	147.9- 197.9	177.4	
1	5	3.956	3.955	0.001	46162000	1.01	126.1- 176.1	158.4	
			Average of Peak Amounts =			0.9848			
2	6	2.570	2.570	0.000	18764890	0.9792		100.0	
2	7	3.053	3.053	0.000	50161615	1.02	225.1- 285.1	267.3	
2	8	3.721	3.719	0.002	59878771	0.99	285.5- 345.5	319.1	
2	9	3.854	3.853	0.001	50492707	1.02	227.4- 287.4	269.1	
2	10	4.917	4.916	0.001	30146724	1.01	126.6- 186.6	160.7	
			Average of Peak Amounts =			1.00			
						RPD = 1.77			

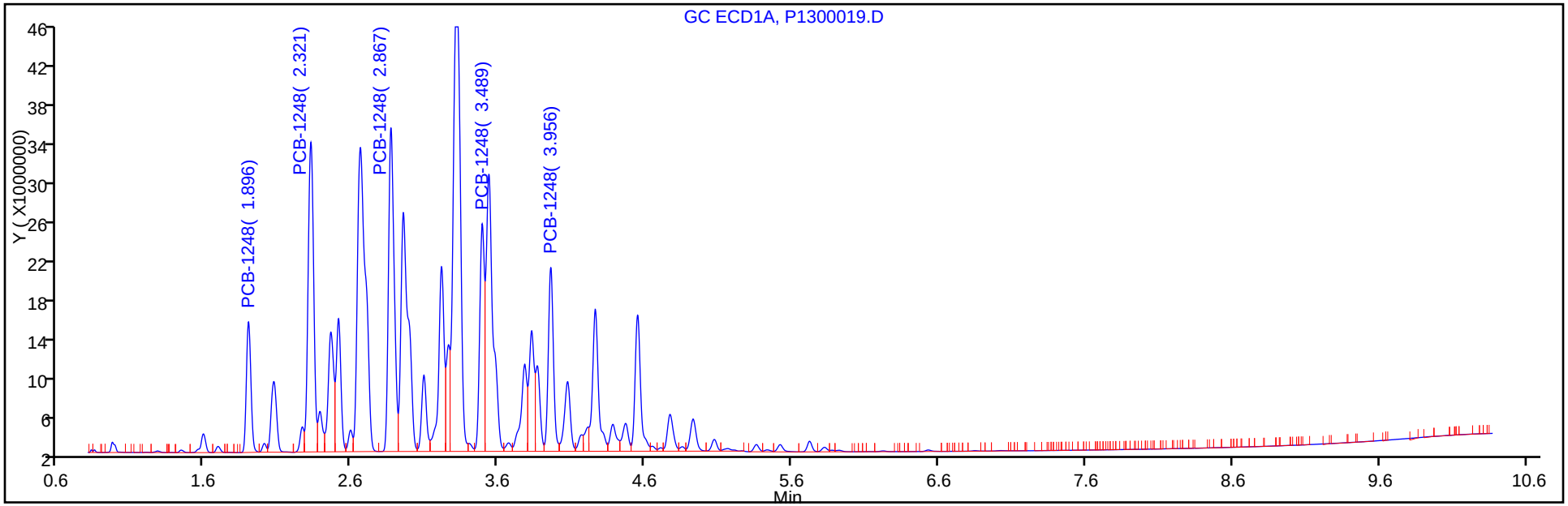
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

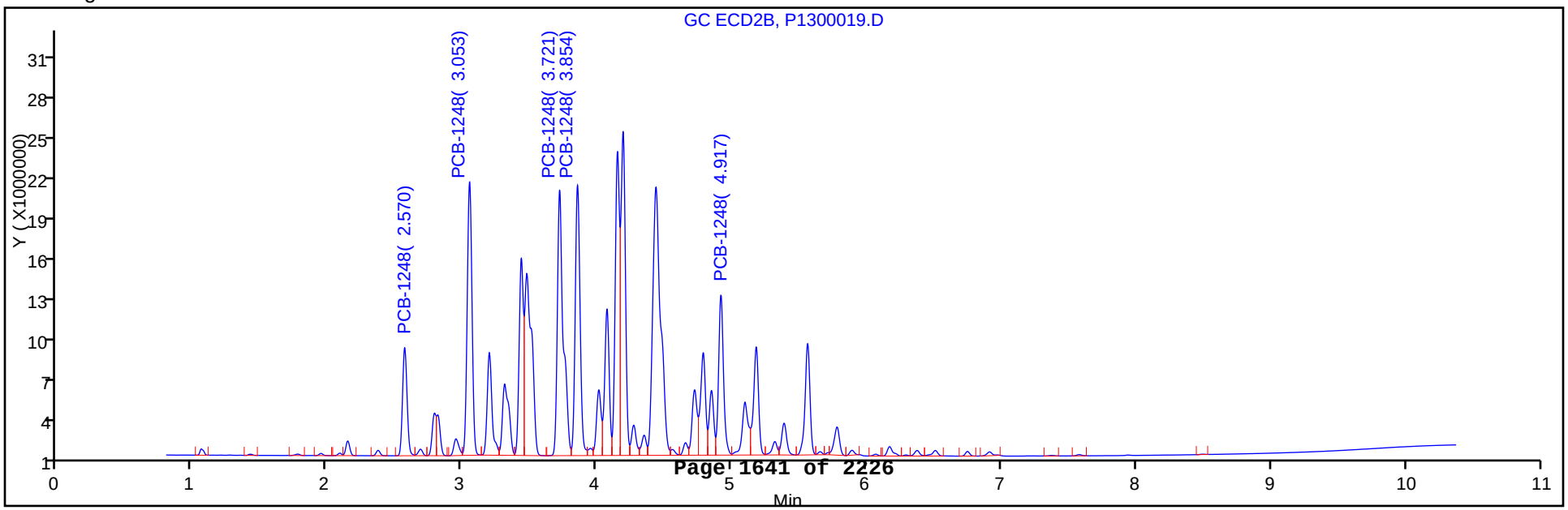
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

Injection Date:	21-Oct-2012 20:52:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	19
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D		
Lims ID:	STD2 1248	Client ID:	
Inject. Date:	21-Oct-2012 21:07:05	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	62068	Lims Sample ID:	20
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:21	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:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.898	1.895	0.003	48136898	1.59		100.0	
1	2	2.323	2.319	0.004	141940688	1.66	252.8- 302.8	294.9	
1	3	2.867	2.866	0.001	148998259	1.62	276.3- 326.3	309.5	
1	4	3.491	3.489	0.002	89567507	1.71	147.9- 197.9	186.1	
1	5	3.956	3.955	0.001	78344020	1.71	126.1- 176.1	162.8	
			Average of Peak Amounts =			1.66			
2	6	2.572	2.570	0.002	31723638	1.66		100.0	
2	7	3.053	3.053	0.000	86579334	1.76	225.1- 285.1	272.9	
2	8	3.721	3.719	0.002	102769872	1.70	285.5- 345.5	324.0	
2	9	3.854	3.853	0.001	87113870	1.75	227.4- 287.4	274.6	
2	10	4.919	4.916	0.003	52631215	1.76	126.6- 186.6	165.9	
			Average of Peak Amounts =			1.73			
						RPD = 3.96			

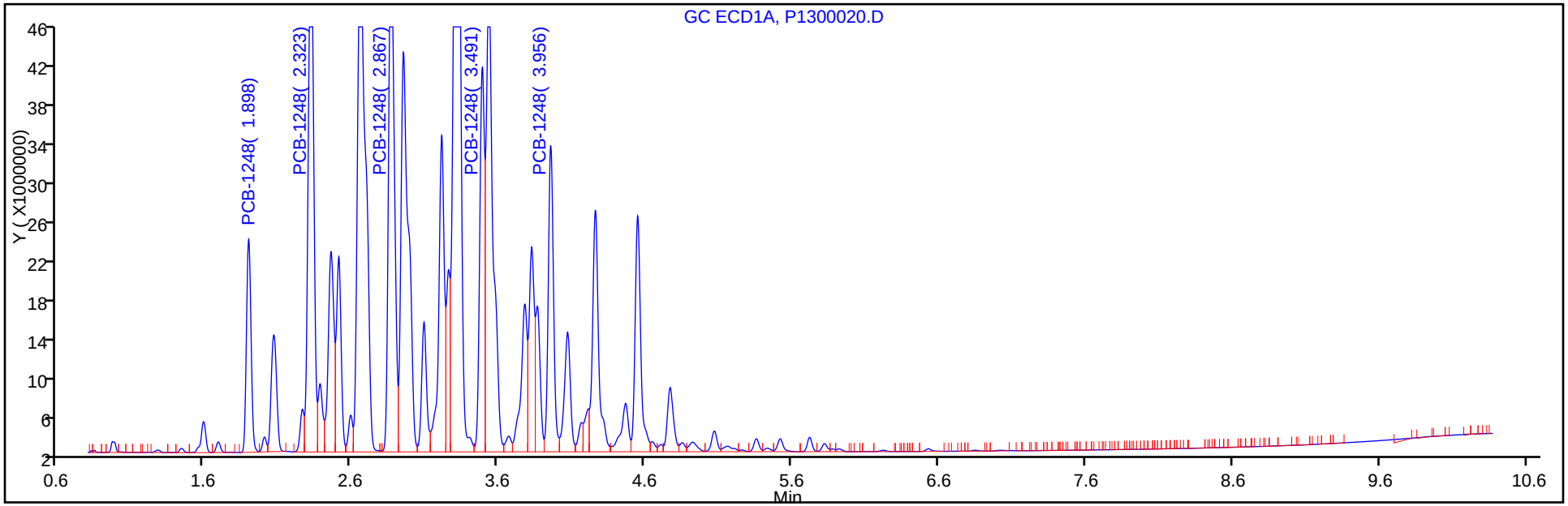
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

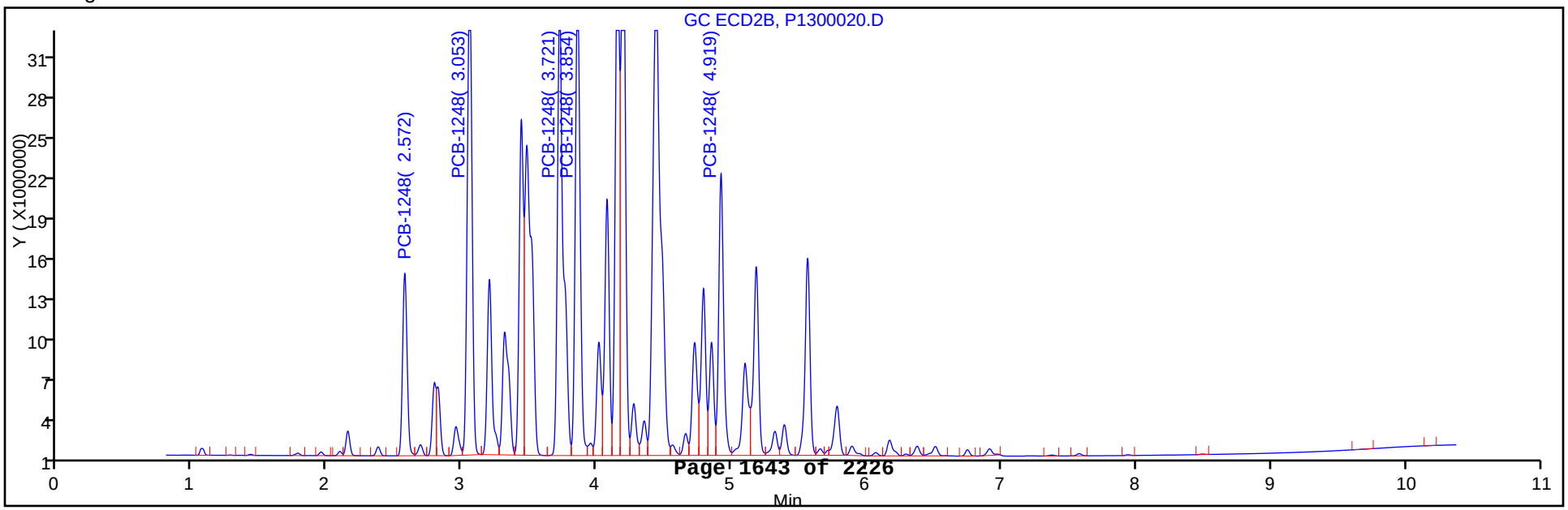
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

Injection Date:	21-Oct-2012 21:07:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	20
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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.435	1.435	1.435	1.435	1.436	1.435					1.385 - 1.485	1.435
PCB-1221 Peak 2	1.554	1.554	1.555	1.559	1.558	1.555					1.504 - 1.604	1.556
PCB-1221 Peak 3	1.586	1.587	1.586	1.587	1.586	1.587					1.536 - 1.636	1.587
PCB-1254 Peak 1	3.541	3.541	3.541	3.542	3.541	3.541					3.491 - 3.591	3.541
PCB-1254 Peak 2	3.956	3.956	3.955	3.956	3.956	3.955					3.906 - 4.006	3.956
PCB-1254 Peak 3	4.259	4.260	4.259	4.260	4.258	4.258					4.209 - 4.309	4.259
PCB-1254 Peak 4	4.467	4.468	4.466	4.467	4.466	4.466					4.417 - 4.517	4.467
PCB-1254 Peak 5	4.768	4.770	4.767	4.769	4.768	4.768					4.718 - 4.818	4.768

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.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								
PCB-1221 Peak 1	25276500 19416966	23589510 18376366	22146085	20859736	Ave		21610860.4				12.0		20.0			
PCB-1221 Peak 2	10506480 7440731	8390410 5964105	11072690	8799626	Qua	171636.332	8985050.25	-1560510.2						0.9980		0.9900
PCB-1221 Peak 3	69505760 49419050	65556860 46496770	57187385	53780986	Ave		56991135.2				16.0		20.0			
PCB-1254 Peak 1	155832800 120561612	123644400 114823635	135522475	128741102	Ave		129854337				11.0		20.0			
PCB-1254 Peak 2	165456440 131664859	136186960 125070332	145826905	139441684	Ave		140607863				10.0		20.0			
PCB-1254 Peak 3	133257220 110520159	100857590 105098997	121885025	115820590	Ave		114573263				10.0		20.0			
PCB-1254 Peak 4	112188460 92256552	98765440 87399898	101505340	97555316	Ave		98278500.9				8.6		20.0			
PCB-1254 Peak 5	162268680 134779062	133284940 127632578	147858510	142074056	Ave		141316304				8.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.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
PCB-1221 Peak 1	Ave	1263825 36752731	2358951	4429217	10429868	19416966	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Qua	525324 11928209	839041	2214538	4399813	7440731	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	3475288 92993540	6555686	11437477	26890493	49419050	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	7791640 229647270	12364440	27104495	64370551	120561612	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	8272822 250140664	13618696	29165381	69720842	131664859	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	6662861 210197993	10085759	24377005	57910295	110520159	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	5609423 174799795	9876544	20301068	48777658	92256552	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	8113434 255265155	13328494	29571702	71037028	134779062	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average
Qua = Quadratic

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:21:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-021
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 62068 Lims Sample ID: 21
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:20 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:04:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	1263825	0.0585		100.0	
1	3	1.554	1.554	0.000	525324	0.0396	25.0- 75.0	41.6	M
1	4	1.586	1.586	0.000	3475288	0.0610	233.2- 283.2	275.0	M
			Average of Peak Amounts =			0.0530			
2	4	1.948	1.948	0.000	767886	0.0580		100.0	
2	5	2.088	2.088	0.000	526180	0.0599	37.0- 97.0	68.5	
2	6	2.148	2.148	0.000	1893329	0.0596	210.7- 270.7	246.6	
			Average of Peak Amounts =			0.0591			
						RPD = 10.91			
8 PCB-1254									
1	100	3.541	3.541	0.000	7791640	0.0600		100.0	
1	2	3.956	3.956	0.000	8272822	0.0588	82.6- 132.6	106.2	
1	3	4.259	4.259	0.000	6662861	0.0582	64.9- 114.9	85.5	
1	4	4.467	4.467	0.000	5609423	0.0571	49.9- 99.9	72.0	
1	5	4.768	4.768	0.000	8113434	0.0574	84.1- 134.1	104.1	
			Average of Peak Amounts =			0.0583			
2	6	4.413	4.413	0.000	3272046	0.0571		100.0	
2	7	4.918	4.918	0.000	4995814	0.0563	124.0- 184.0	152.7	
2	8	5.179	5.179	0.000	3483982	0.0573	76.3- 136.3	106.5	
2	9	5.562	5.562	0.000	3718883	0.0550	87.0- 147.0	113.7	
2	10	5.779	5.779	0.000	4668113	0.0538	121.1- 181.1	142.7	
			Average of Peak Amounts =			0.0559			
						RPD = 4.16			

QC Flag Legend

Review Flags
M - Manually Integrated

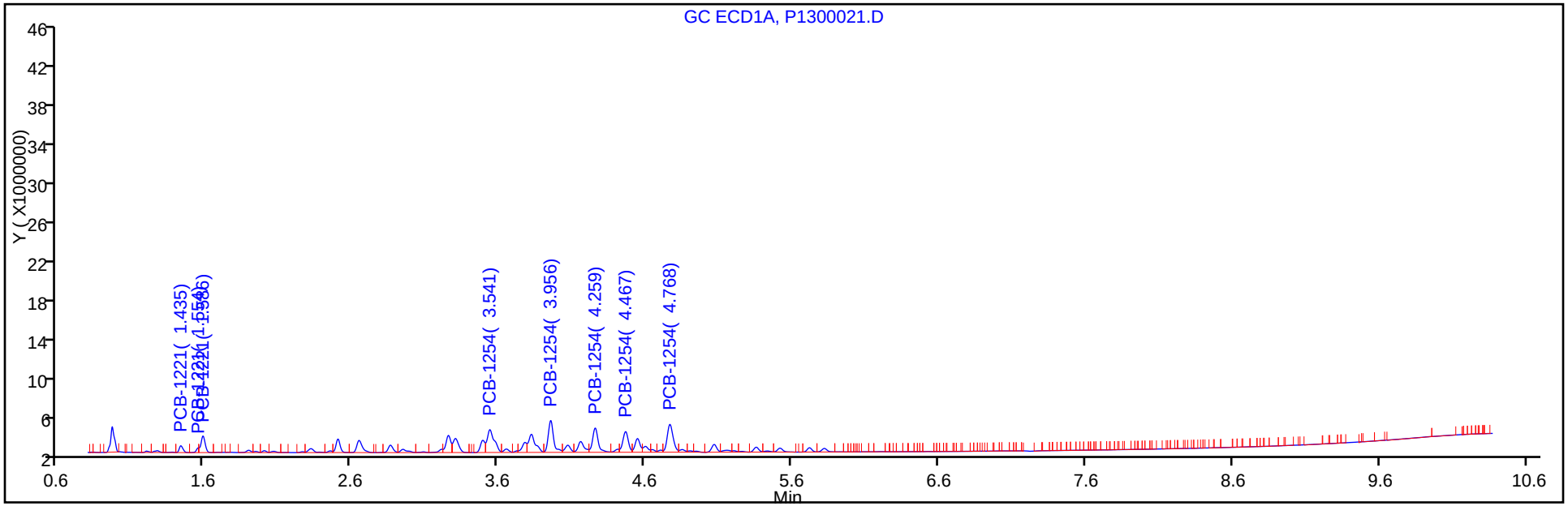
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

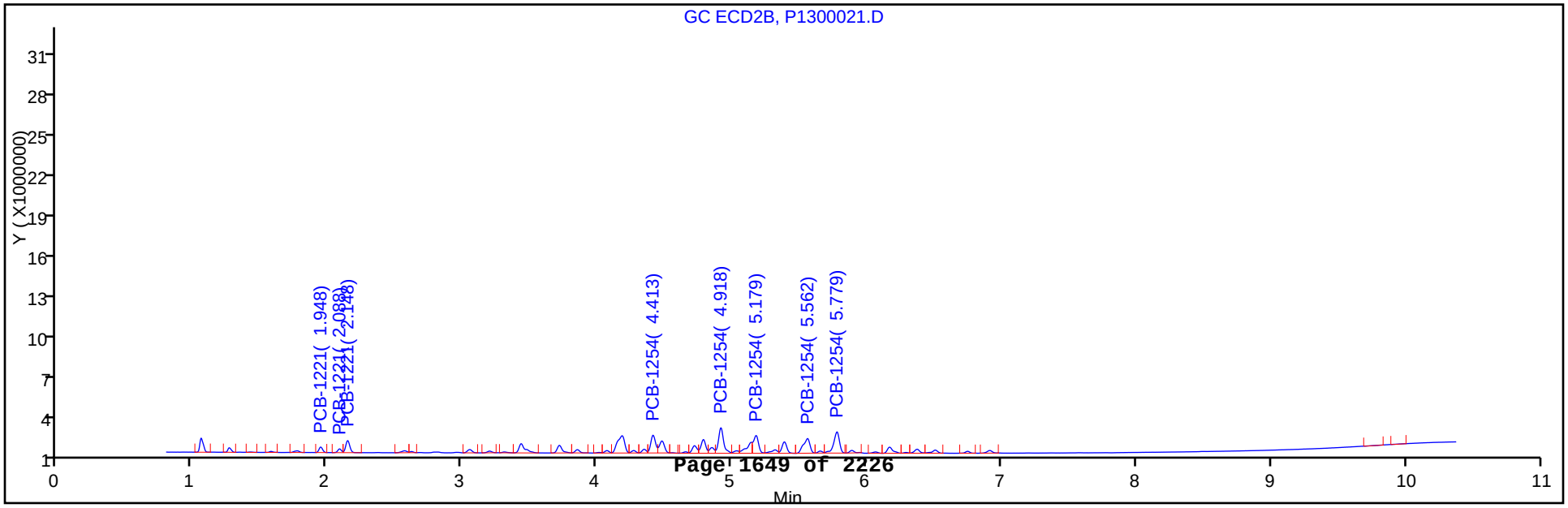
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Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



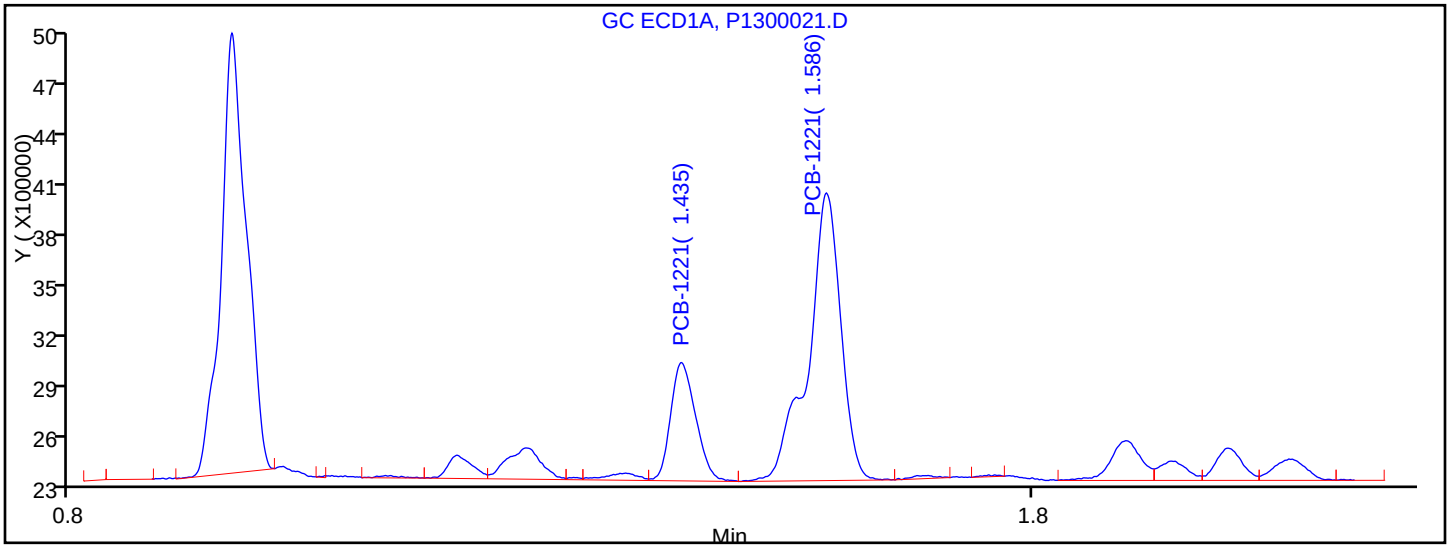
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

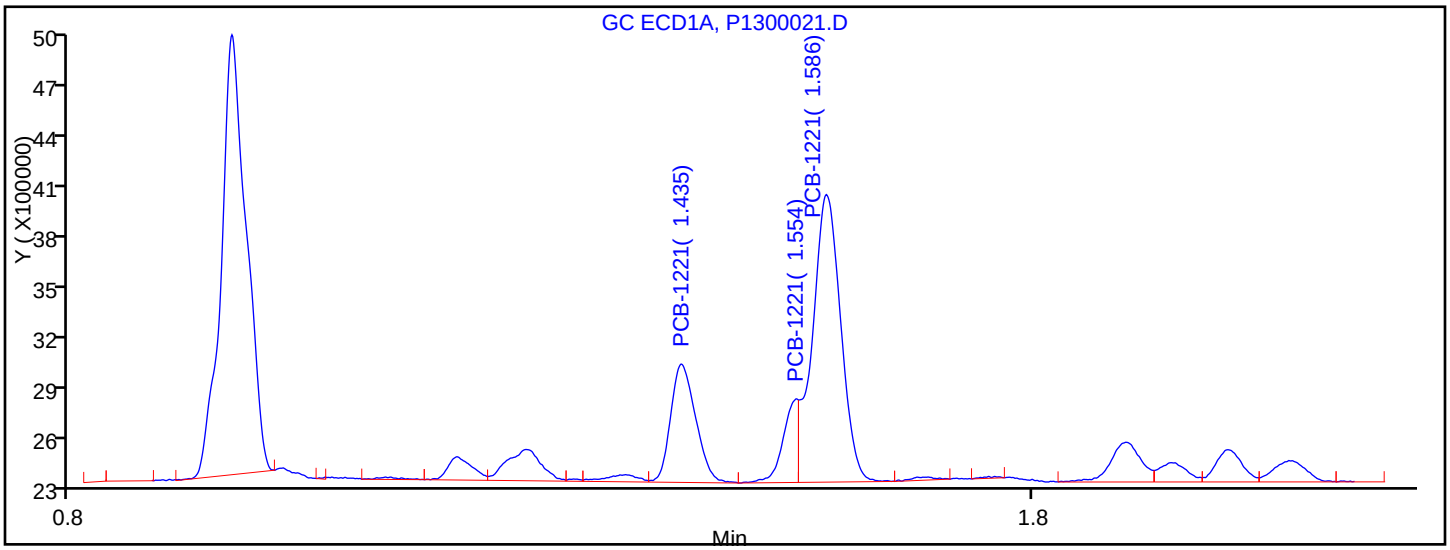
Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 1263825	
RT = 1.585	Response = 0	M
RT = 1.586	Response = 4000527	M



Manual Integration Results

RT = 1.435	Response = 1263825	
RT = 1.554	Response = 525324	M
RT = 1.586	Response = 3475288	M

Reviewer: hassl, 22-Oct-2012 09:04:40

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:36:53 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-022
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 62068 Lims Sample ID: 22
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:18 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	2358951	0.1092		100.0	
1	3	1.554	1.554	0.000	839041	0.0753	25.0- 75.0	35.6	M
1	4	1.587	1.586	0.001	6555686	0.1150	233.2- 283.2	277.9	M
			Average of Peak Amounts =			0.0998			
2	4	1.948	1.948	0.000	1450065	0.1095		100.0	
2	5	2.088	2.088	0.000	967199	0.1101	37.0- 97.0	66.7	
2	6	2.149	2.148	0.001	3453182	0.1087	210.7- 270.7	238.1	
			Average of Peak Amounts =			0.1094			
						RPD = 9.17			
8 PCB-1254									M
1	100	3.541	3.541	0.000	12364440	0.0952		100.0	
1	2	3.956	3.956	0.000	13618696	0.0969	82.6- 132.6	110.1	
1	3	4.260	4.259	0.001	10085759	0.0880	64.9- 114.9	81.6	
1	4	4.468	4.467	0.001	9876544	0.1005	49.9- 99.9	79.9	
1	5	4.770	4.768	0.002	13328494	0.0943	84.1- 134.1	107.8	
			Average of Peak Amounts =			0.0950			
2	6	4.414	4.413	0.001	6083673	0.1062		100.0	
2	7	4.918	4.918	0.000	9283736	0.1047	124.0- 184.0	152.6	
2	8	5.179	5.179	0.000	6036986	0.0993	76.3- 136.3	99.2	M
2	9	5.560	5.562	-0.002	7048523	0.1043	87.0- 147.0	115.9	
2	10	5.779	5.779	0.000	9111373	0.1049	121.1- 181.1	149.8	
			Average of Peak Amounts =			0.1039			
						RPD = 8.97			

QC Flag Legend

Review Flags
M - Manually Integrated

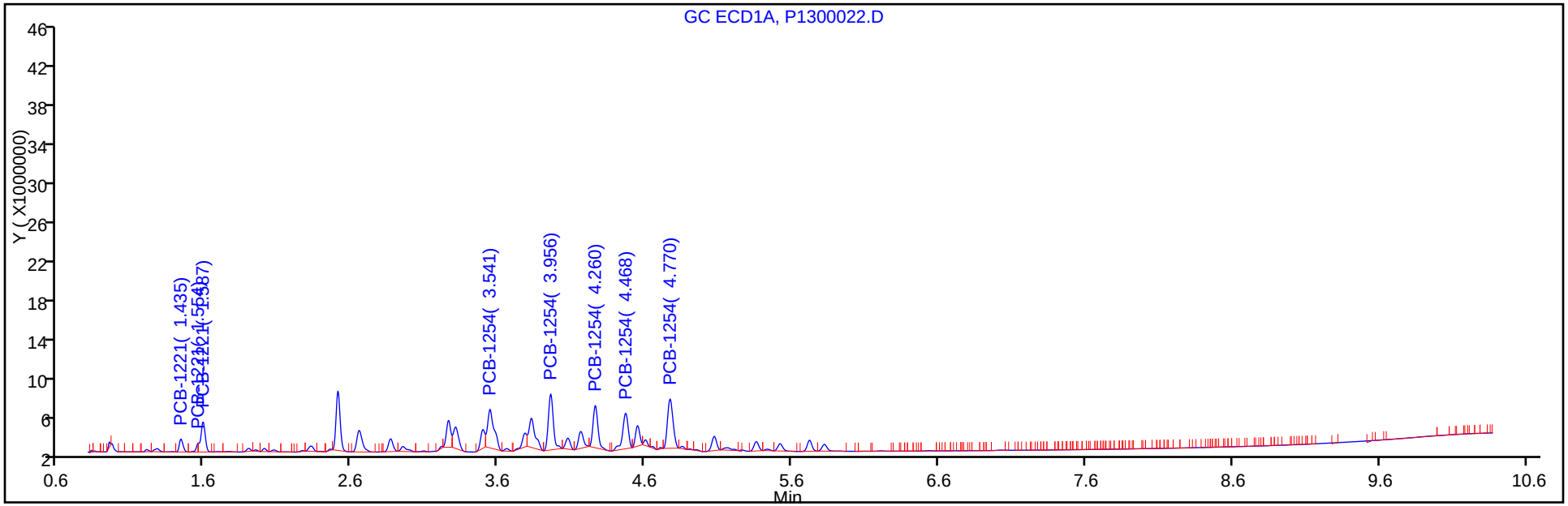
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

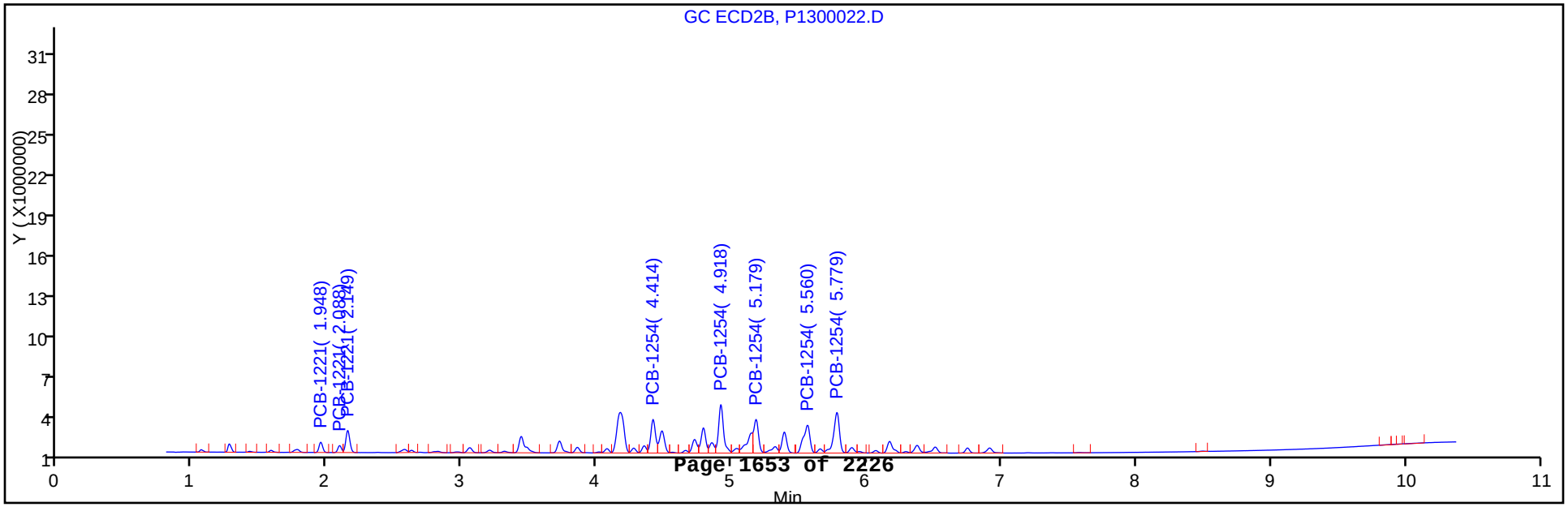
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



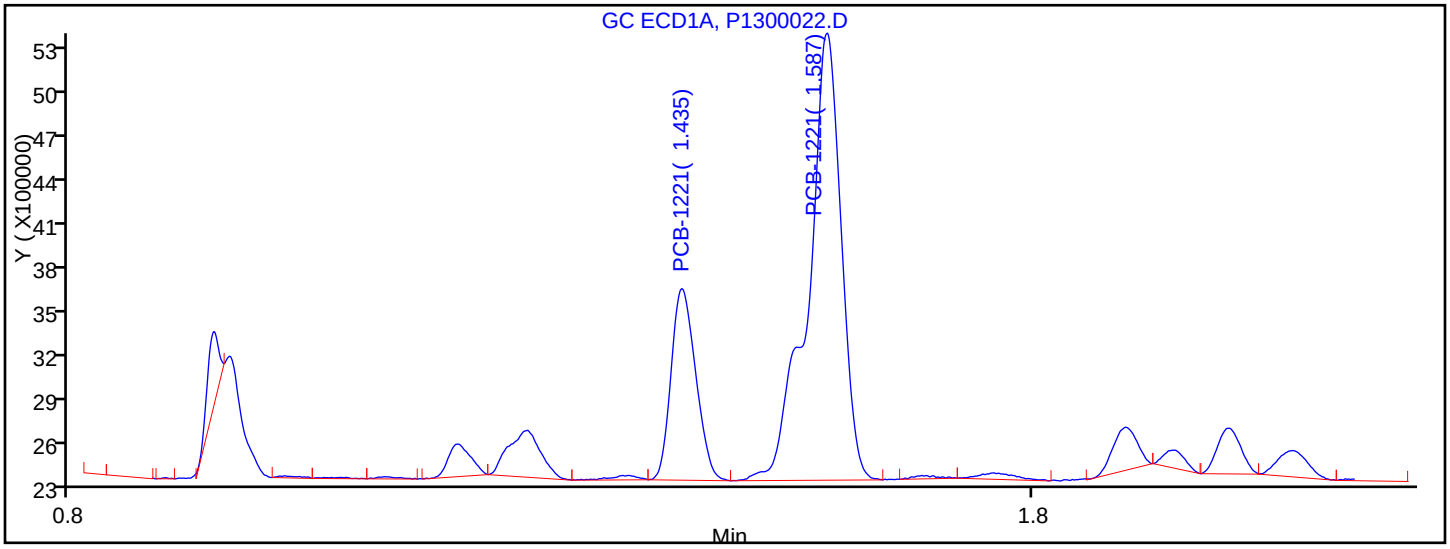
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

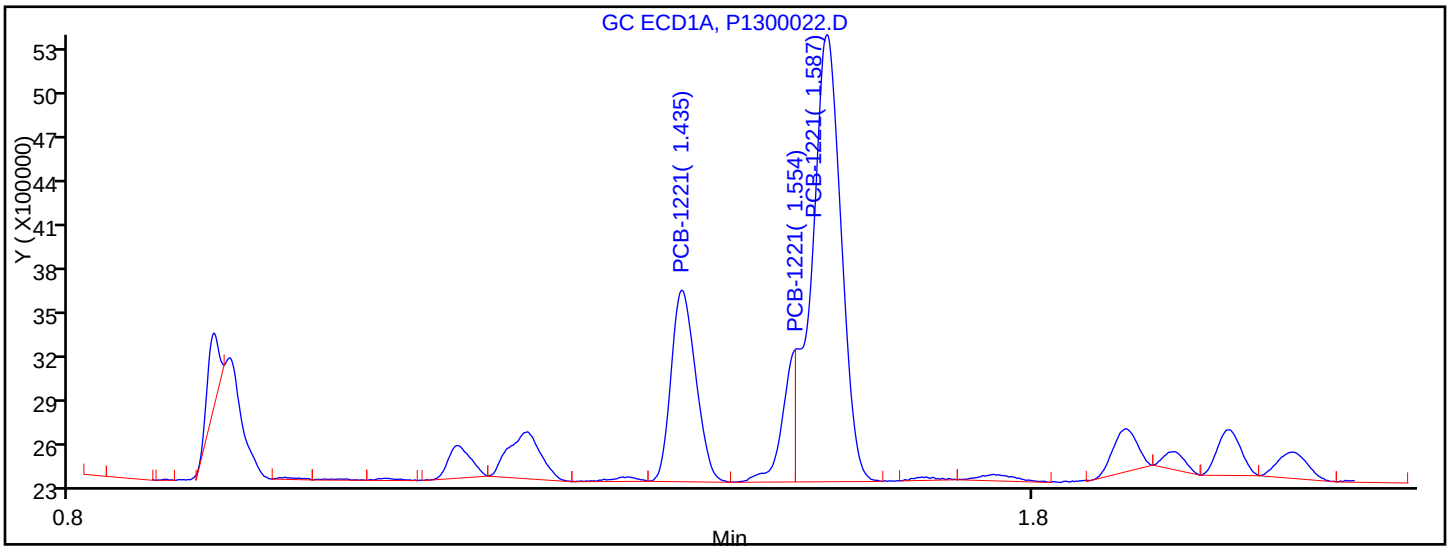
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 2358951	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 7394792	M



Manual Integration Results

RT = 1.435	Response = 2358951	
RT = 1.554	Response = 839041	M
RT = 1.587	Response = 6555686	M

Reviewer: hassl, 22-Oct-2012 09:05:12

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:51:47 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-023
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 62068 Lims Sample ID: 23
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:17 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	4429217	0.2050		100.0	
1	3	1.555	1.554	0.001	2214538	0.2371	25.0- 75.0	50.0	M
1	4	1.586	1.586	0.000	11437477	0.2007	233.2- 283.2	258.2	M
			Average of Peak Amounts =			0.2143			
2	4	1.947	1.948	-0.001	2669812	0.2015		100.0	
2	5	2.087	2.088	-0.001	1788151	0.2035	37.0- 97.0	67.0	
2	6	2.147	2.148	-0.001	6425697	0.2022	210.7- 270.7	240.7	
			Average of Peak Amounts =			0.2024			
						RPD = 5.67			
8 PCB-1254									M
1	100	3.541	3.541	0.000	27104495	0.2087		100.0	
1	2	3.955	3.956	-0.001	29165381	0.2074	82.6- 132.6	107.6	
1	3	4.259	4.259	0.000	24377005	0.2128	64.9- 114.9	89.9	
1	4	4.466	4.467	-0.001	20301068	0.2066	49.9- 99.9	74.9	
1	5	4.767	4.768	-0.001	29571702	0.2093	84.1- 134.1	109.1	
			Average of Peak Amounts =			0.2089			
2	6	4.414	4.413	0.001	11477419	0.2004		100.0	
2	7	4.917	4.918	-0.001	17676021	0.1994	124.0- 184.0	154.0	
2	8	5.177	5.179	-0.002	12195047	0.2006	76.3- 136.3	106.3	M
2	9	5.560	5.562	-0.002	13430677	0.1988	87.0- 147.0	117.0	
2	10	5.778	5.779	-0.001	17343772	0.1998	121.1- 181.1	151.1	
			Average of Peak Amounts =			0.1998			
						RPD = 4.48			

QC Flag Legend

Review Flags
M - Manually Integrated

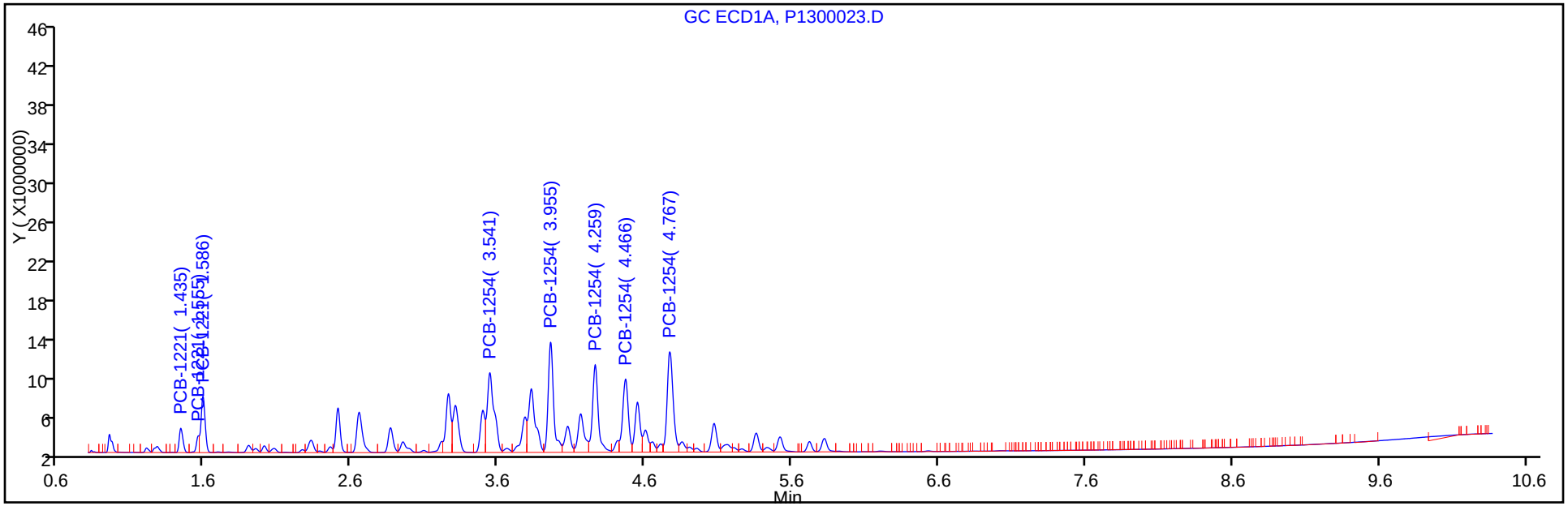
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

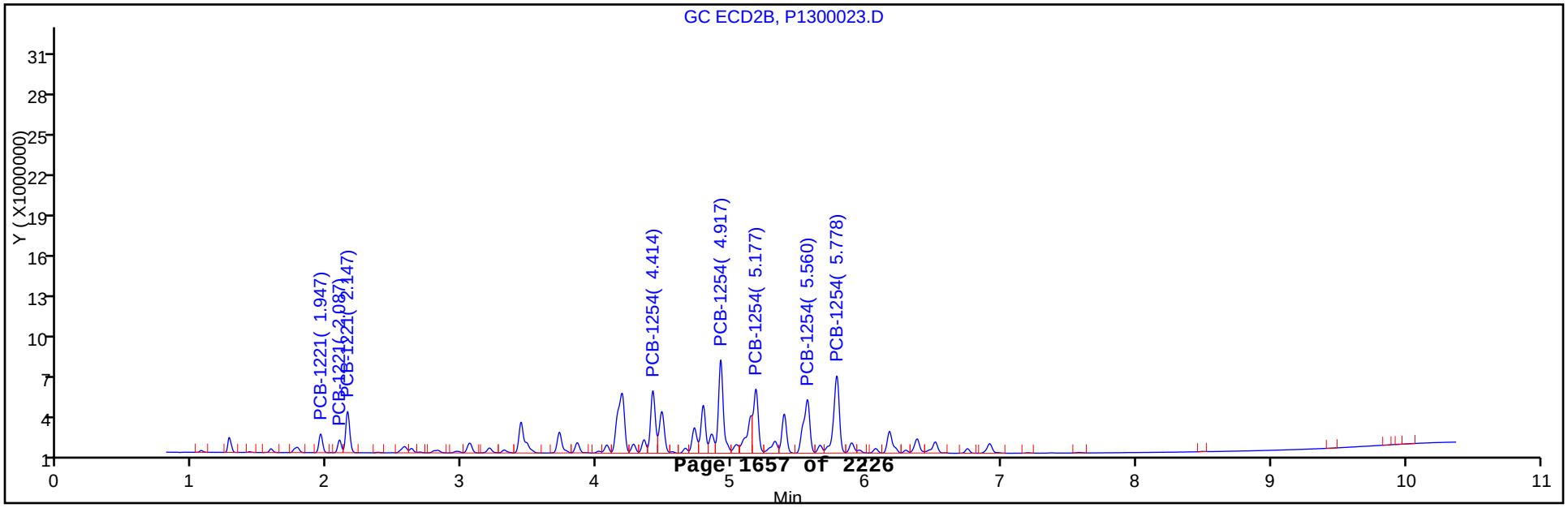
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



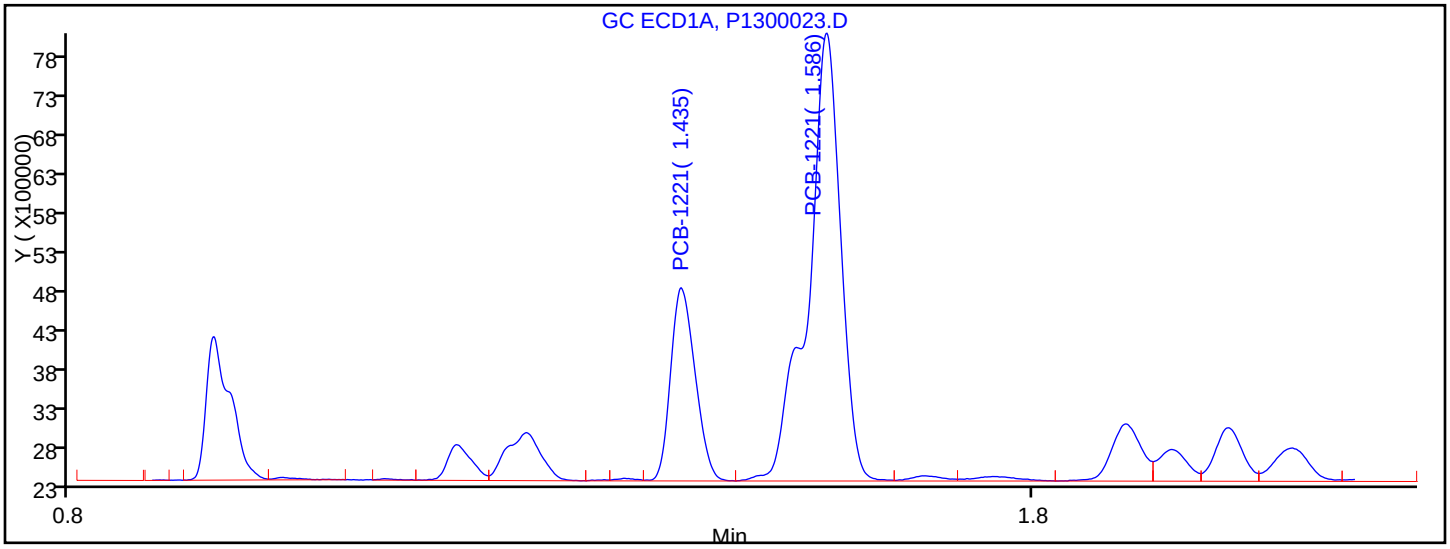
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

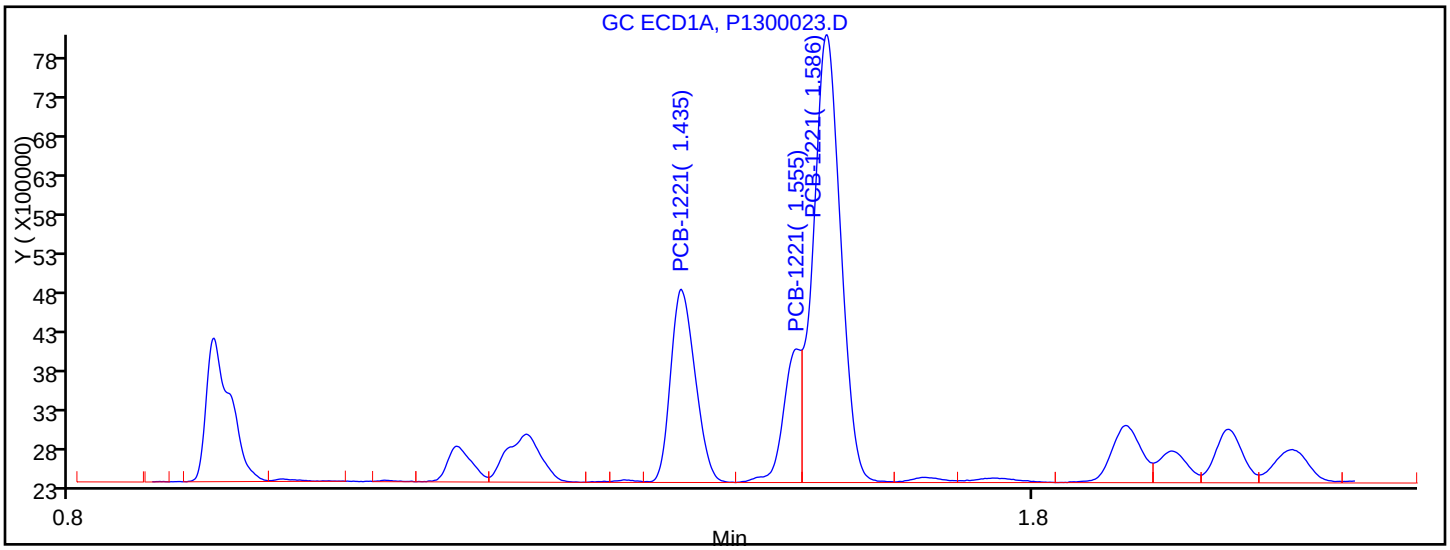
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 4429217	
RT = 1.586	Response = 0	M
RT = 1.586	Response = 13652016	M



Manual Integration Results

RT = 1.435	Response = 4429217	
RT = 1.555	Response = 2214538	M
RT = 1.586	Response = 11437477	M

Reviewer: hassl, 22-Oct-2012 09:06:40

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:06:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-024
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 62068 Lims Sample ID: 24
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:15 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	10429868	0.4826		100.0	
1	3	1.559	1.554	0.005	4399813	0.5170	25.0- 75.0	42.2	M
1	4	1.587	1.586	0.001	26890493	0.4718	233.2- 283.2	257.8	M
			Average of Peak Amounts =			0.4905			
2	4	1.948	1.948	0.000	6330644	0.4779		100.0	
2	5	2.088	2.088	0.000	4167691	0.4744	37.0- 97.0	65.8	
2	6	2.148	2.148	0.000	15087116	0.4748	210.7- 270.7	238.3	
			Average of Peak Amounts =			0.4757			
						RPD = 3.06			
8 PCB-1254									
1	100	3.542	3.541	0.001	64370551	0.4957		100.0	
1	2	3.956	3.956	0.000	69720842	0.4959	82.6- 132.6	108.3	
1	3	4.260	4.259	0.001	57910295	0.5054	64.9- 114.9	90.0	
1	4	4.467	4.467	0.000	48777658	0.4963	49.9- 99.9	75.8	
1	5	4.769	4.768	0.001	71037028	0.5027	84.1- 134.1	110.4	
			Average of Peak Amounts =			0.4992			
2	6	4.414	4.413	0.001	27491372	0.4800		100.0	
2	7	4.919	4.918	0.001	43106896	0.4862	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	29791558	0.4900	76.3- 136.3	108.4	
2	9	5.561	5.562	-0.001	32792131	0.4854	87.0- 147.0	119.3	
2	10	5.779	5.779	0.000	42777108	0.4927	121.1- 181.1	155.6	
			Average of Peak Amounts =			0.4869			
						RPD = 2.50			

QC Flag Legend

Review Flags
M - Manually Integrated

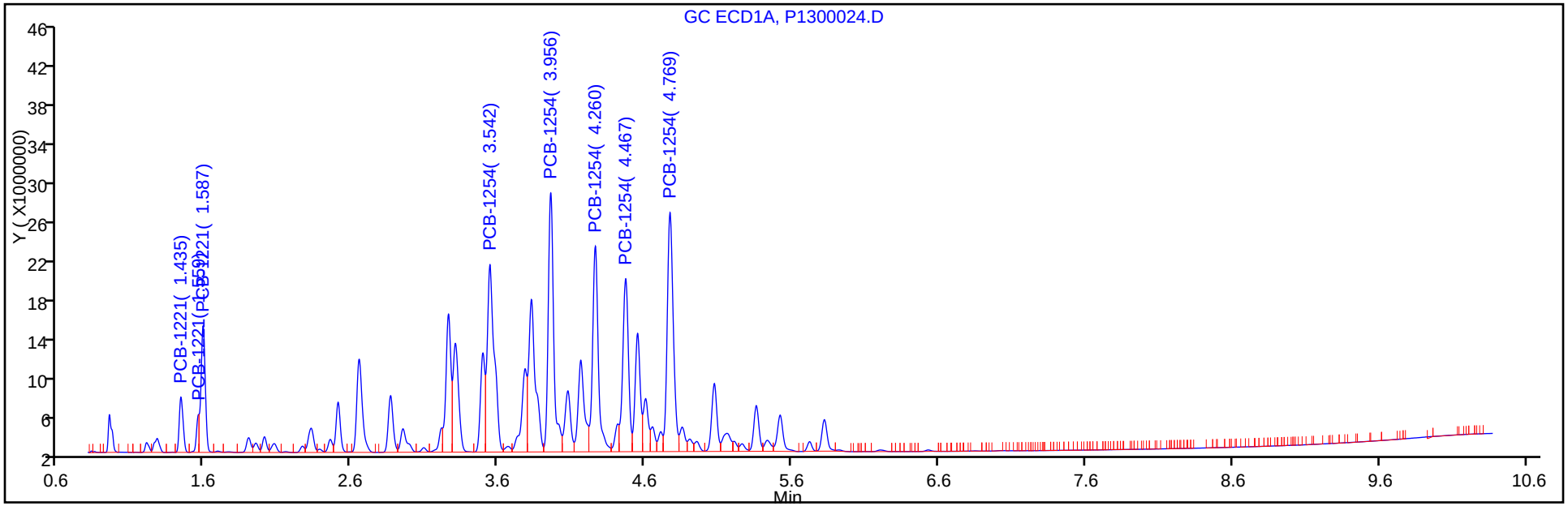
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

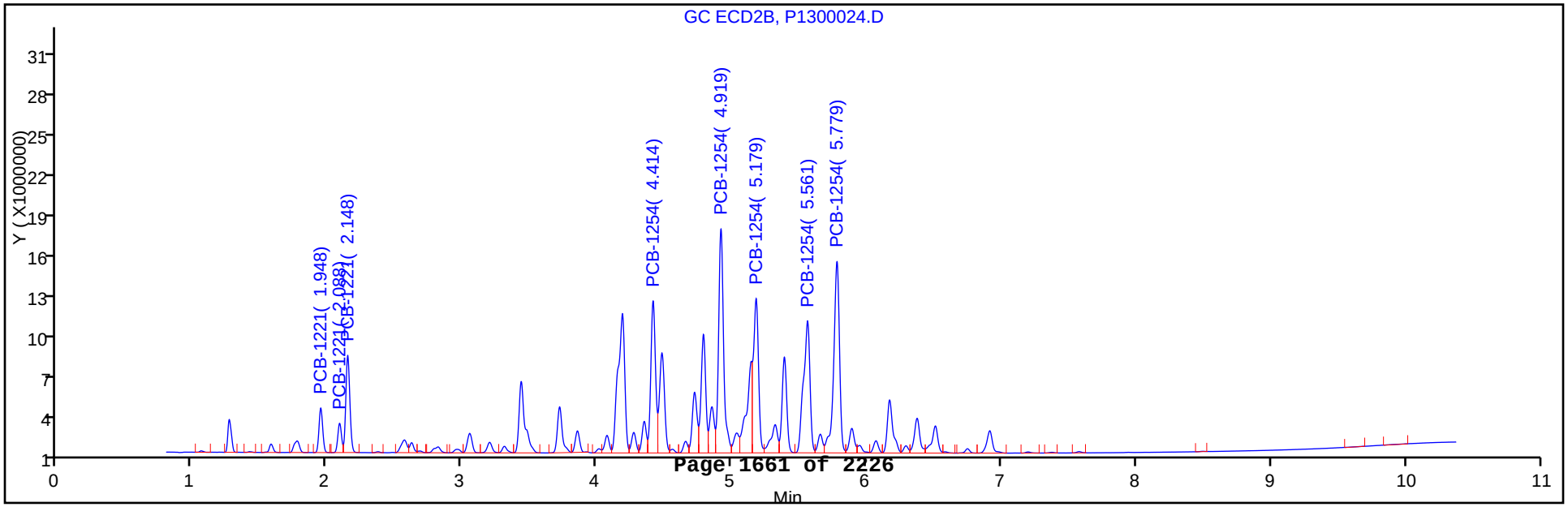
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
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



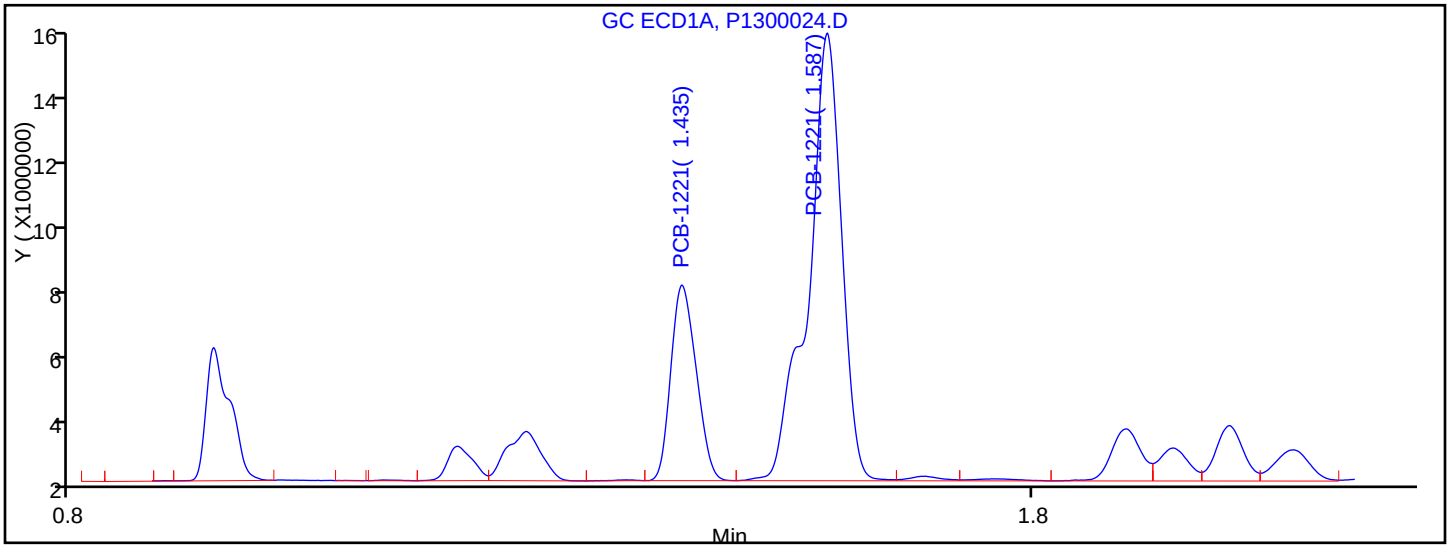
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

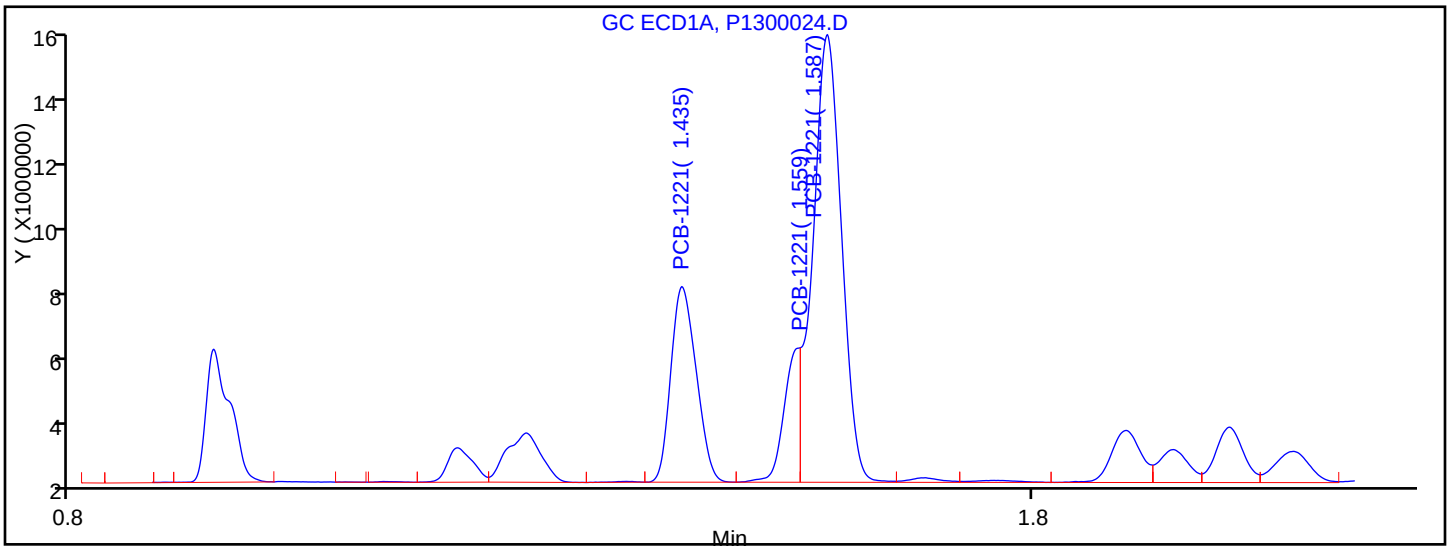
Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 10429868	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 31290328	M



Manual Integration Results

RT = 1.435	Response = 10429868	
RT = 1.559	Response = 4399813	M
RT = 1.587	Response = 26890493	M

Reviewer: hassl, 22-Oct-2012 09:07:11

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:21:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 62068 Lims Sample ID: 25
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:14 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.436	1.435	0.001	19416966	0.8985		100.0	
1	3	1.558	1.554	0.004	7440731	0.9737	25.0- 75.0	38.3	M
1	4	1.586	1.586	0.000	49419050	0.8671	233.2- 283.2	254.5	M
			Average of Peak Amounts =			0.9131			
2	4	1.948	1.948	0.000	11957868	0.9027		100.0	
2	5	2.088	2.088	0.000	7792949	0.8870	37.0- 97.0	65.2	
2	6	2.148	2.148	0.000	28432724	0.8949	210.7- 270.7	237.8	
			Average of Peak Amounts =			0.8949			
						RPD = 2.02			
8 PCB-1254									
1	100	3.541	3.541	0.000	120561612	0.9284		100.0	
1	2	3.956	3.956	0.000	131664859	0.9364	82.6- 132.6	109.2	
1	3	4.258	4.259	-0.001	110520159	0.9646	64.9- 114.9	91.7	
1	4	4.466	4.467	-0.001	92256552	0.9387	49.9- 99.9	76.5	
1	5	4.768	4.768	0.000	134779062	0.9537	84.1- 134.1	111.8	
			Average of Peak Amounts =			0.9444			
2	6	4.415	4.413	0.002	52966523	0.9249		100.0	
2	7	4.917	4.918	-0.001	83028670	0.9364	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	58426984	0.9610	76.3- 136.3	110.3	
2	9	5.561	5.562	-0.001	64281415	0.9515	87.0- 147.0	121.4	
2	10	5.779	5.779	0.000	82957319	0.9555	121.1- 181.1	156.6	
			Average of Peak Amounts =			0.9459			
						RPD = 0.16			

QC Flag Legend

Review Flags
M - Manually Integrated

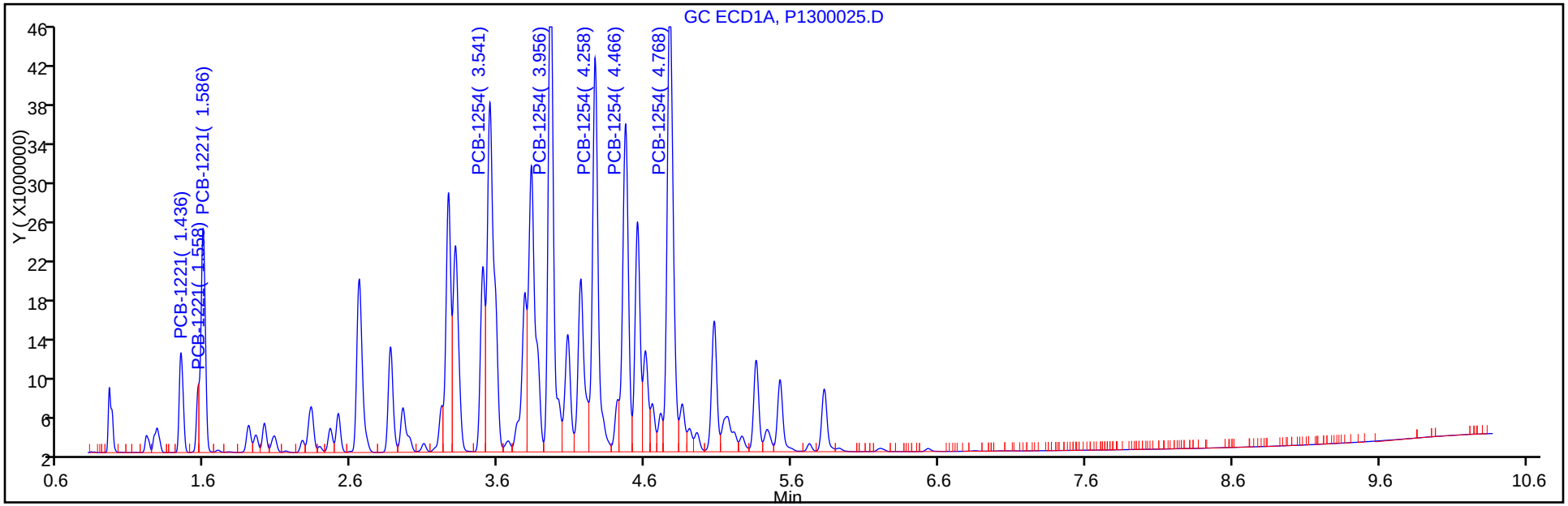
Report Date: 22-Oct-2012 09:18:14 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

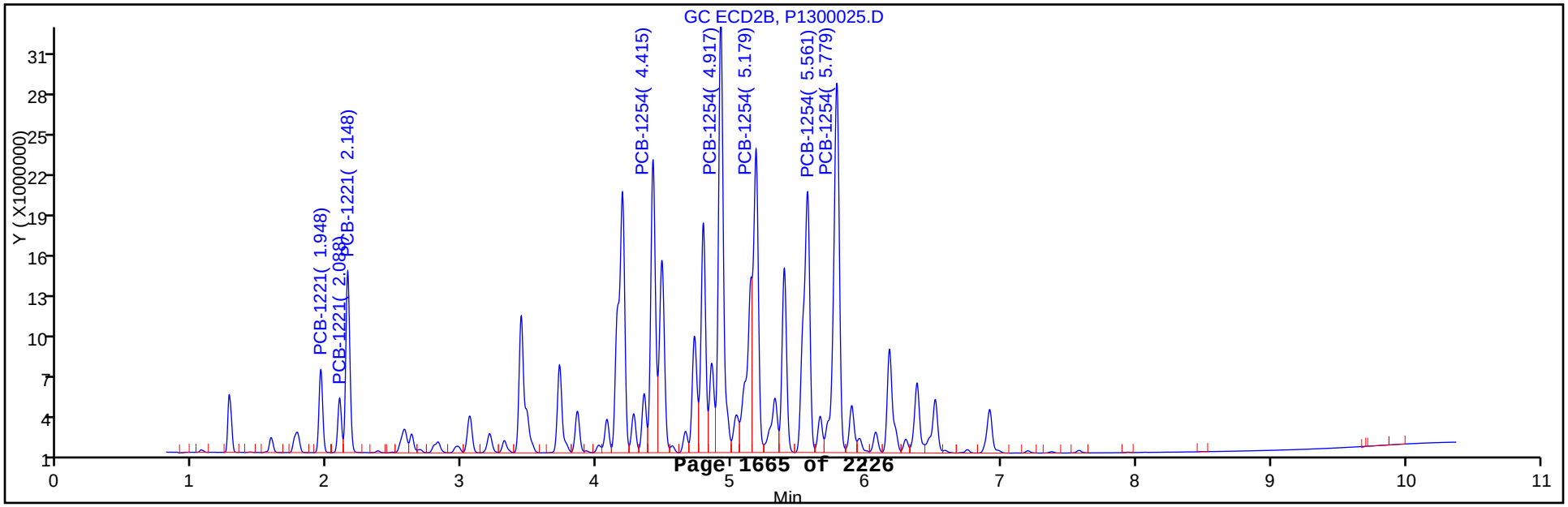
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
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



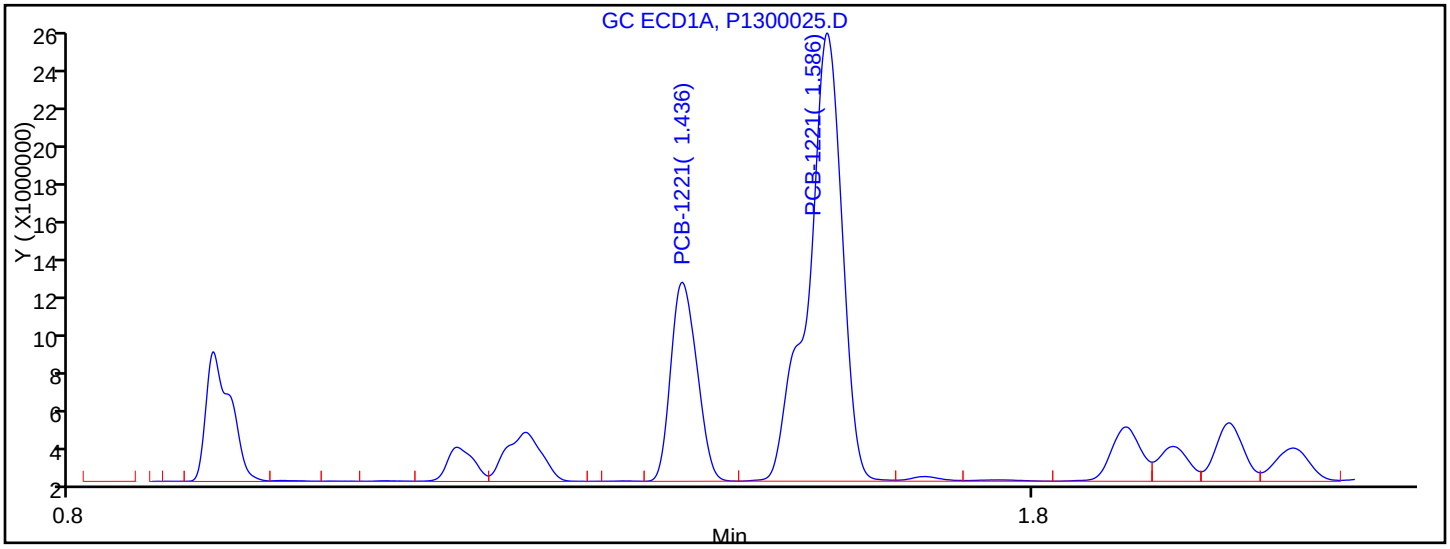
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

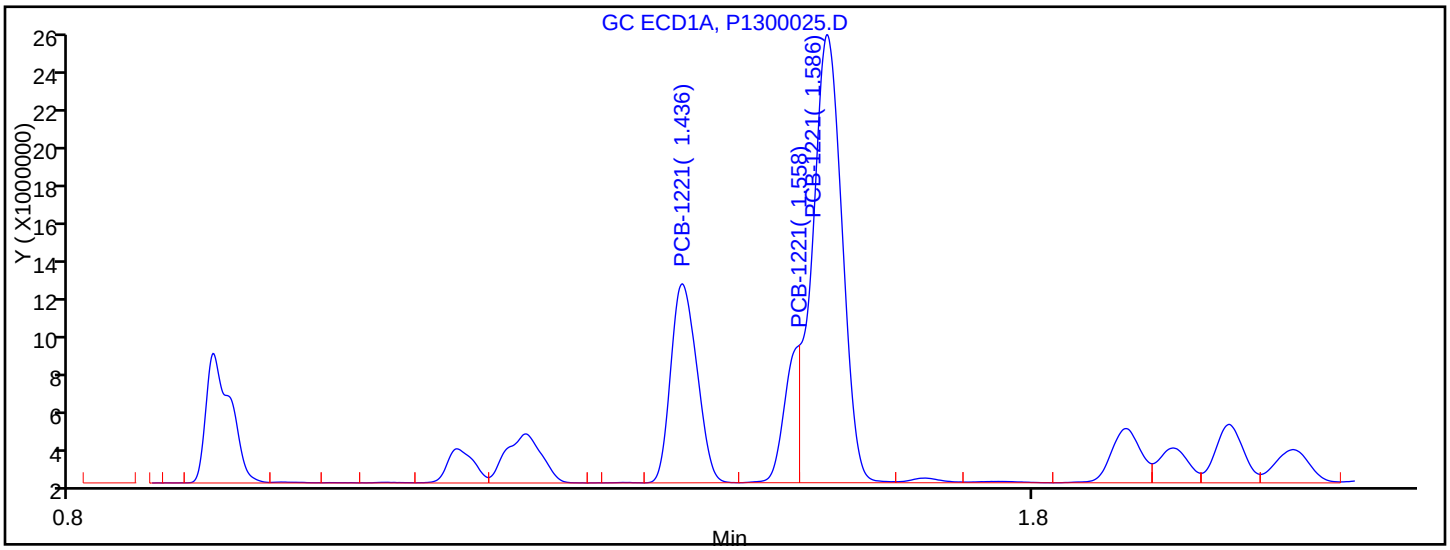
Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.436	Response = 19416966	
RT = 1.586	Response = 0	M
RT = 1.586	Response = 56859802	M



Manual Integration Results

RT = 1.436	Response = 19416966	
RT = 1.558	Response = 7440731	M
RT = 1.586	Response = 49419050	M

Reviewer: hassl, 22-Oct-2012 09:07:43

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:36:27 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 62068 Lims Sample ID: 26
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:12 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	36752731	1.70		100.0	
1	3	1.555	1.554	0.001	11928209	2.01	25.0- 75.0	32.5	M
1	4	1.587	1.586	0.001	92993540	1.63	233.2- 283.2	253.0	M
			Average of Peak Amounts =			1.78			
2	4	1.948	1.948	0.000	23306725	1.76		100.0	
2	5	2.088	2.088	0.000	14898822	1.70	37.0- 97.0	63.9	
2	6	2.148	2.148	0.000	55006290	1.73	210.7- 270.7	236.0	
			Average of Peak Amounts =			1.73			
						RPD = 2.97			
8 PCB-1254									
1	100	3.541	3.541	0.000	229647270	1.77		100.0	
1	2	3.955	3.956	-0.001	250140664	1.78	82.6- 132.6	108.9	
1	3	4.258	4.259	-0.001	210197993	1.83	64.9- 114.9	91.5	
1	4	4.466	4.467	-0.001	174799795	1.78	49.9- 99.9	76.1	
1	5	4.768	4.768	0.000	255265155	1.81	84.1- 134.1	111.2	
			Average of Peak Amounts =			1.79			
2	6	4.413	4.413	0.000	103997526	1.82		100.0	
2	7	4.917	4.918	-0.001	163223319	1.84	124.0- 184.0	156.9	
2	8	5.178	5.179	-0.001	111493989	1.83	76.3- 136.3	107.2	
2	9	5.561	5.562	-0.001	126925365	1.88	87.0- 147.0	122.0	
2	10	5.779	5.779	0.000	162480349	1.87	121.1- 181.1	156.2	
			Average of Peak Amounts =			1.85			
						RPD = 3.01			

QC Flag Legend

Review Flags
M - Manually Integrated

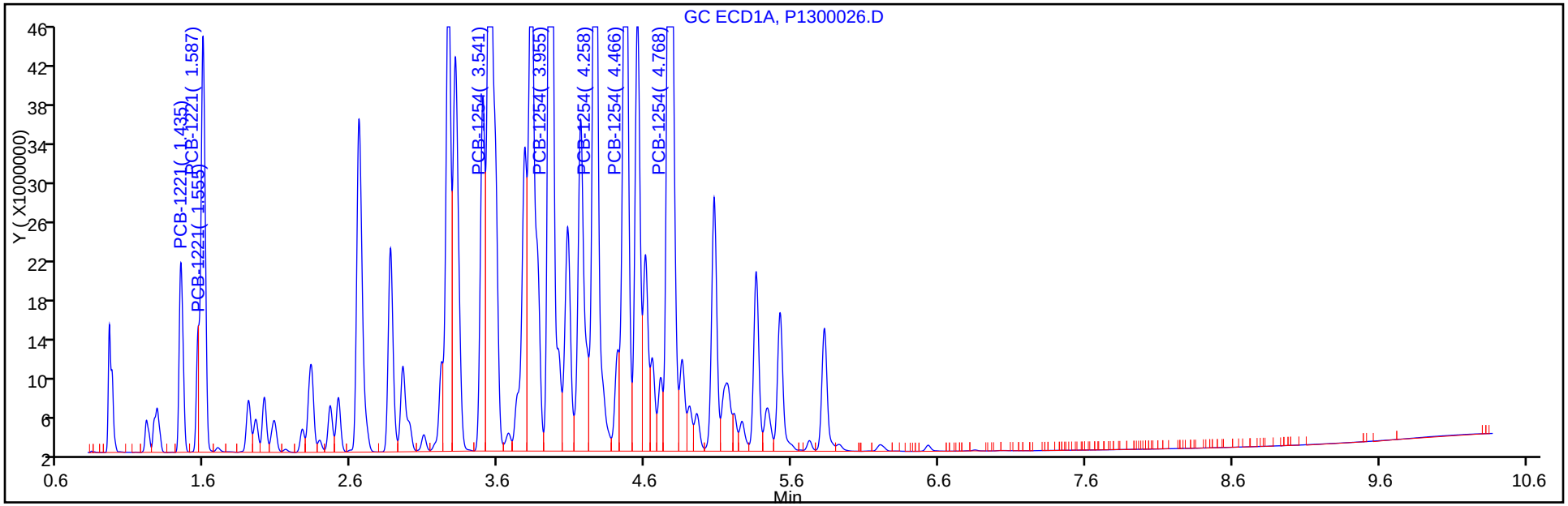
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

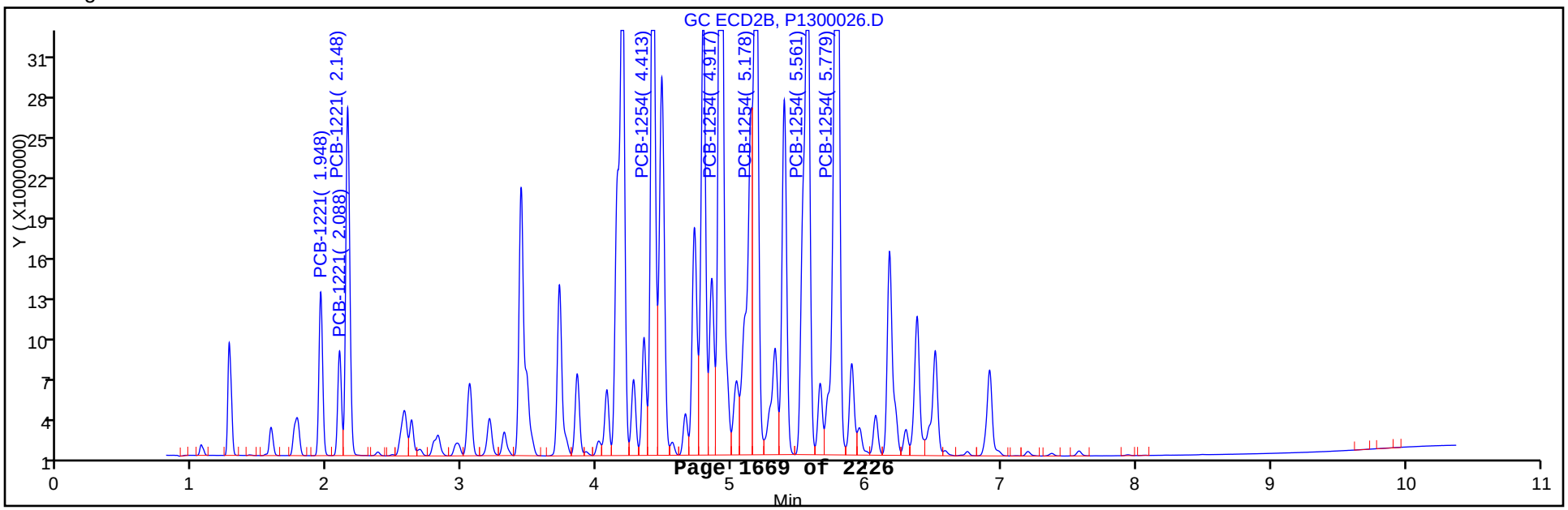
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



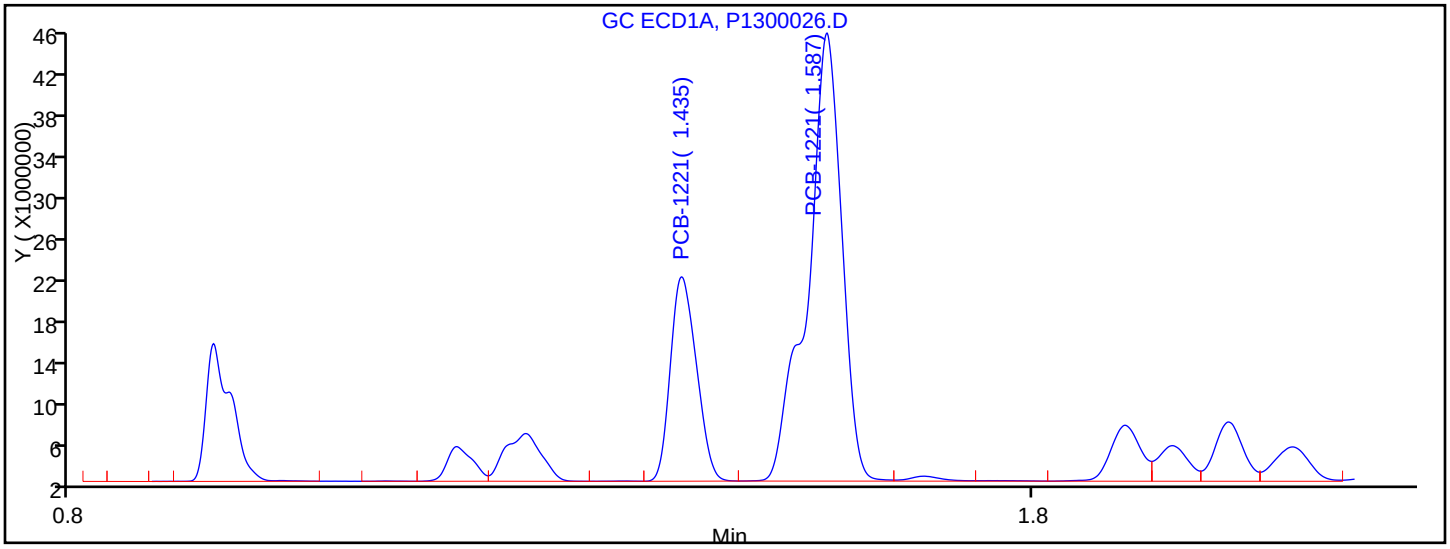
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

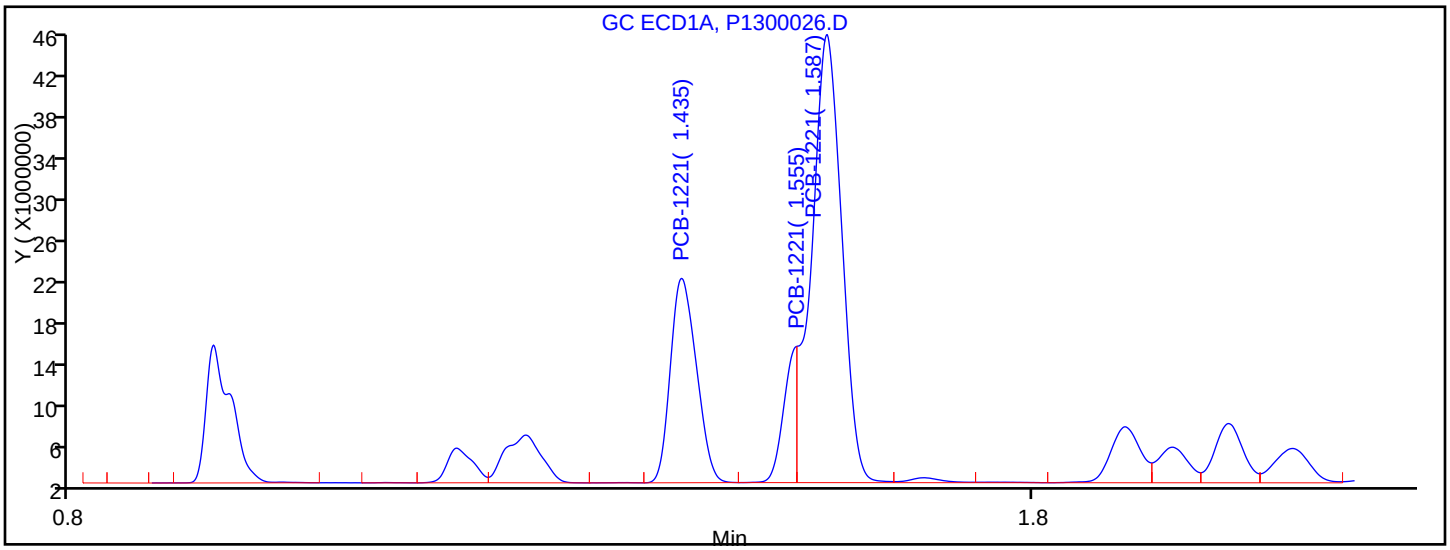
Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 36752731	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 104921716	M



Manual Integration Results

RT = 1.435	Response = 36752731	
RT = 1.555	Response = 11928209	M
RT = 1.587	Response = 92993540	M

Reviewer: hassl, 22-Oct-2012 09:08:15

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.948	1.948	1.947	1.948	1.948	1.948					1.898 - 1.998	1.948
PCB-1221 Peak 2	2.088	2.088	2.087	2.088	2.088	2.088					2.038 - 2.138	2.088
PCB-1221 Peak 3	2.148	2.149	2.147	2.148	2.148	2.148					2.098 - 2.198	2.148
PCB-1254 Peak 1	4.413	4.414	4.414	4.414	4.415	4.413					4.363 - 4.463	4.414
PCB-1254 Peak 2	4.918	4.918	4.917	4.919	4.917	4.917					4.868 - 4.968	4.918
PCB-1254 Peak 3	5.179	5.179	5.177	5.179	5.179	5.178					5.129 - 5.229	5.179
PCB-1254 Peak 4	5.562	5.560	5.560	5.561	5.561	5.561					5.512 - 5.612	5.561
PCB-1254 Peak 5	5.779	5.779	5.778	5.779	5.779	5.779					5.729 - 5.829	5.779

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.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								
PCB-1221 Peak 1	15357720 11957868	14500650 11653363	13349060	12661288	Ave		13246658.1				11.0		20.0			
PCB-1221 Peak 2	10523600 7792949	9671990 7449411	8940755	8335382	Ave		8785681.17				13.0		20.0			
PCB-1221 Peak 3	37866580 28432724	34531820 27503145	32128485	30174232	Ave		31772831.0				12.0		20.0			
PCB-1254 Peak 1	65440920 52966523	60836730 51998763	57387095	54982744	Ave		57268795.8				8.9		20.0			
PCB-1254 Peak 2	99916280 83028670	92837360 81611660	88380105	86213792	Ave		88664644.4				7.7		20.0			
PCB-1254 Peak 3	69679640 58426984	60369860 55746995	60975235	59583116	Ave		60796971.6				7.8		20.0			
PCB-1254 Peak 4	74377660 64281415	70485230 63462682	67153385	65584262	Ave		67557439.1				6.2		20.0			
PCB-1254 Peak 5	93362260 82957319	91113730 81240175	86718860	85554216	Ave		86824426.6				5.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.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
PCB-1221 Peak 1	Ave	767886 23306725	1450065	2669812	6330644	11957868	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	526180 14898822	967199	1788151	4167691	7792949	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	1893329 55006290	3453182	6425697	15087116	28432724	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	3272046 103997526	6083673	11477419	27491372	52966523	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	4995814 163223319	9283736	17676021	43106896	83028670	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	3483982 111493989	6036986	12195047	29791558	58426984	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	3718883 126925365	7048523	13430677	32792131	64281415	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	4668113 162480349	9111373	17343772	42777108	82957319	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:21:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-021
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 62068 Lims Sample ID: 21
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:20 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:04:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	1263825	0.0585		100.0	
1	3	1.554	1.554	0.000	525324	0.0396	25.0- 75.0	41.6	M
1	4	1.586	1.586	0.000	3475288	0.0610	233.2- 283.2	275.0	M
			Average of Peak Amounts =			0.0530			
2	4	1.948	1.948	0.000	767886	0.0580		100.0	
2	5	2.088	2.088	0.000	526180	0.0599	37.0- 97.0	68.5	
2	6	2.148	2.148	0.000	1893329	0.0596	210.7- 270.7	246.6	
			Average of Peak Amounts =			0.0591			
						RPD = 10.91			
8 PCB-1254									
1	100	3.541	3.541	0.000	7791640	0.0600		100.0	
1	2	3.956	3.956	0.000	8272822	0.0588	82.6- 132.6	106.2	
1	3	4.259	4.259	0.000	6662861	0.0582	64.9- 114.9	85.5	
1	4	4.467	4.467	0.000	5609423	0.0571	49.9- 99.9	72.0	
1	5	4.768	4.768	0.000	8113434	0.0574	84.1- 134.1	104.1	
			Average of Peak Amounts =			0.0583			
2	6	4.413	4.413	0.000	3272046	0.0571		100.0	
2	7	4.918	4.918	0.000	4995814	0.0563	124.0- 184.0	152.7	
2	8	5.179	5.179	0.000	3483982	0.0573	76.3- 136.3	106.5	
2	9	5.562	5.562	0.000	3718883	0.0550	87.0- 147.0	113.7	
2	10	5.779	5.779	0.000	4668113	0.0538	121.1- 181.1	142.7	
			Average of Peak Amounts =			0.0559			
						RPD = 4.16			

QC Flag Legend

Review Flags
M - Manually Integrated

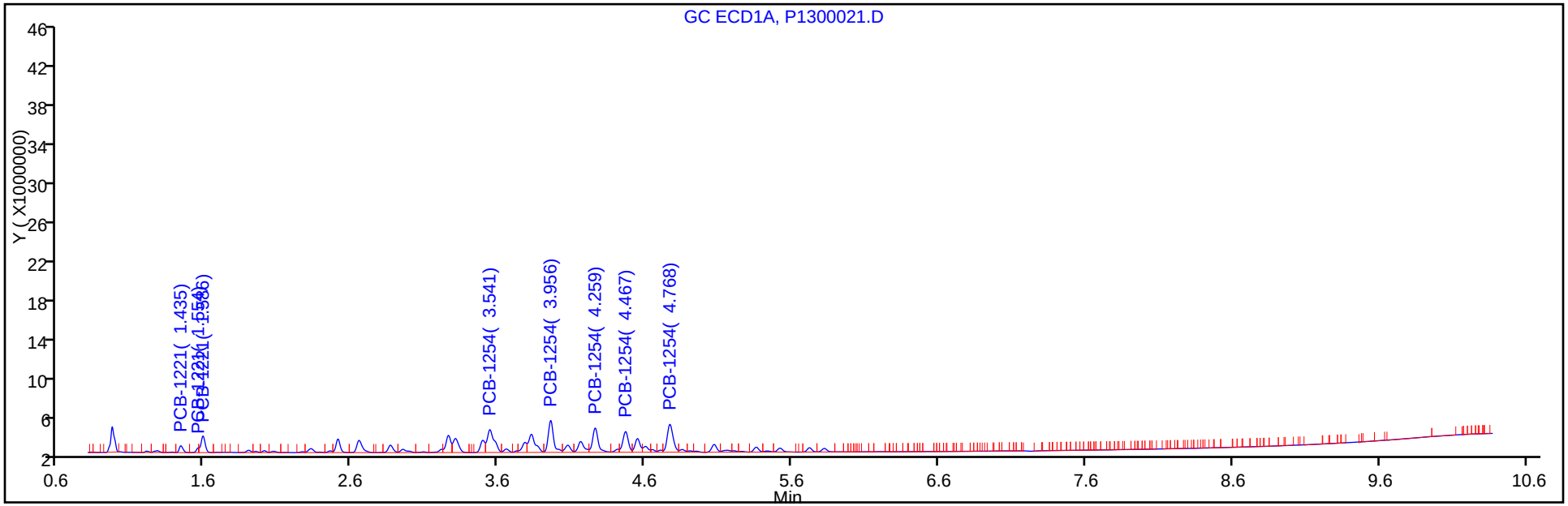
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

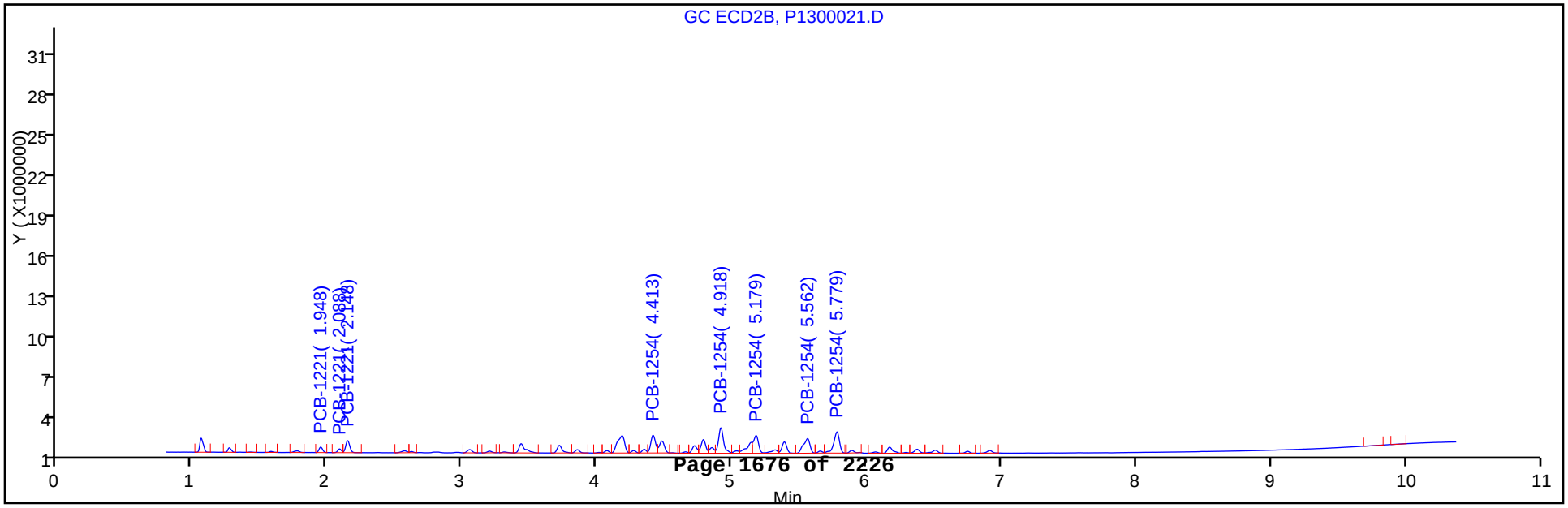
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Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:36:53 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-022
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 62068 Lims Sample ID: 22
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:18 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	2358951	0.1092		100.0	
1	3	1.554	1.554	0.000	839041	0.0753	25.0- 75.0	35.6	M
1	4	1.587	1.586	0.001	6555686	0.1150	233.2- 283.2	277.9	M
			Average of Peak Amounts =			0.0998			
2	4	1.948	1.948	0.000	1450065	0.1095		100.0	
2	5	2.088	2.088	0.000	967199	0.1101	37.0- 97.0	66.7	
2	6	2.149	2.148	0.001	3453182	0.1087	210.7- 270.7	238.1	
			Average of Peak Amounts =			0.1094			
						RPD = 9.17			
8 PCB-1254									M
1	100	3.541	3.541	0.000	12364440	0.0952		100.0	
1	2	3.956	3.956	0.000	13618696	0.0969	82.6- 132.6	110.1	
1	3	4.260	4.259	0.001	10085759	0.0880	64.9- 114.9	81.6	
1	4	4.468	4.467	0.001	9876544	0.1005	49.9- 99.9	79.9	
1	5	4.770	4.768	0.002	13328494	0.0943	84.1- 134.1	107.8	
			Average of Peak Amounts =			0.0950			
2	6	4.414	4.413	0.001	6083673	0.1062		100.0	
2	7	4.918	4.918	0.000	9283736	0.1047	124.0- 184.0	152.6	
2	8	5.179	5.179	0.000	6036986	0.0993	76.3- 136.3	99.2	M
2	9	5.560	5.562	-0.002	7048523	0.1043	87.0- 147.0	115.9	
2	10	5.779	5.779	0.000	9111373	0.1049	121.1- 181.1	149.8	
			Average of Peak Amounts =			0.1039			
						RPD = 8.97			

QC Flag Legend

Review Flags
M - Manually Integrated

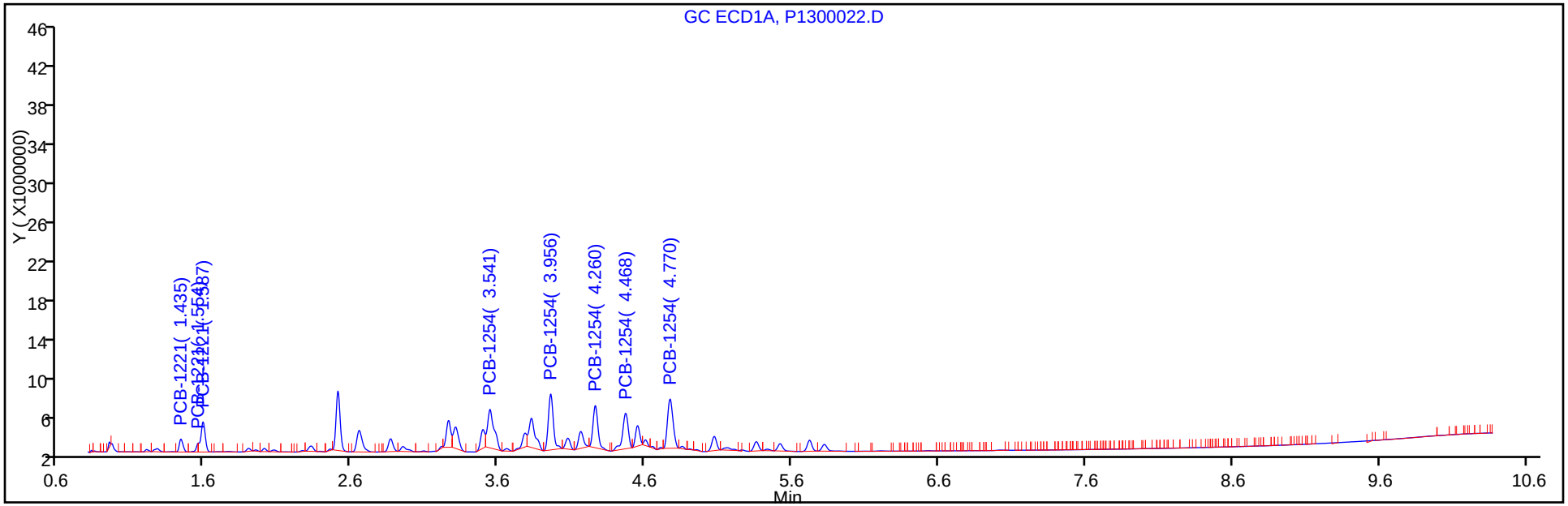
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TestAmerica Canton

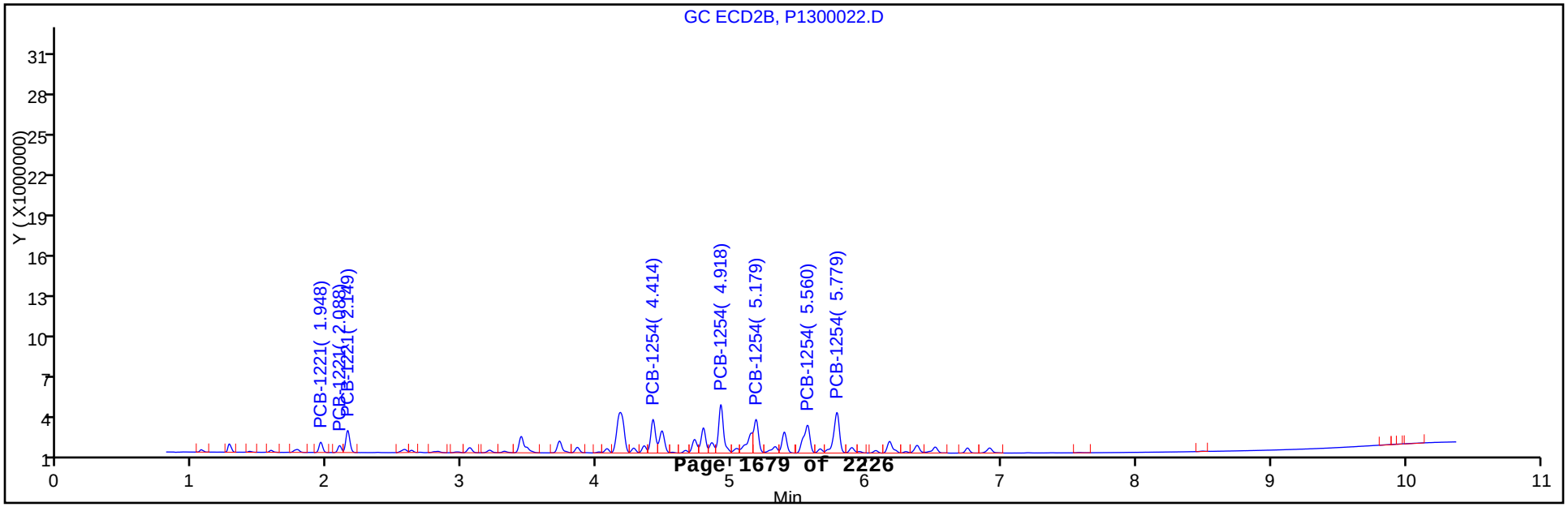
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Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



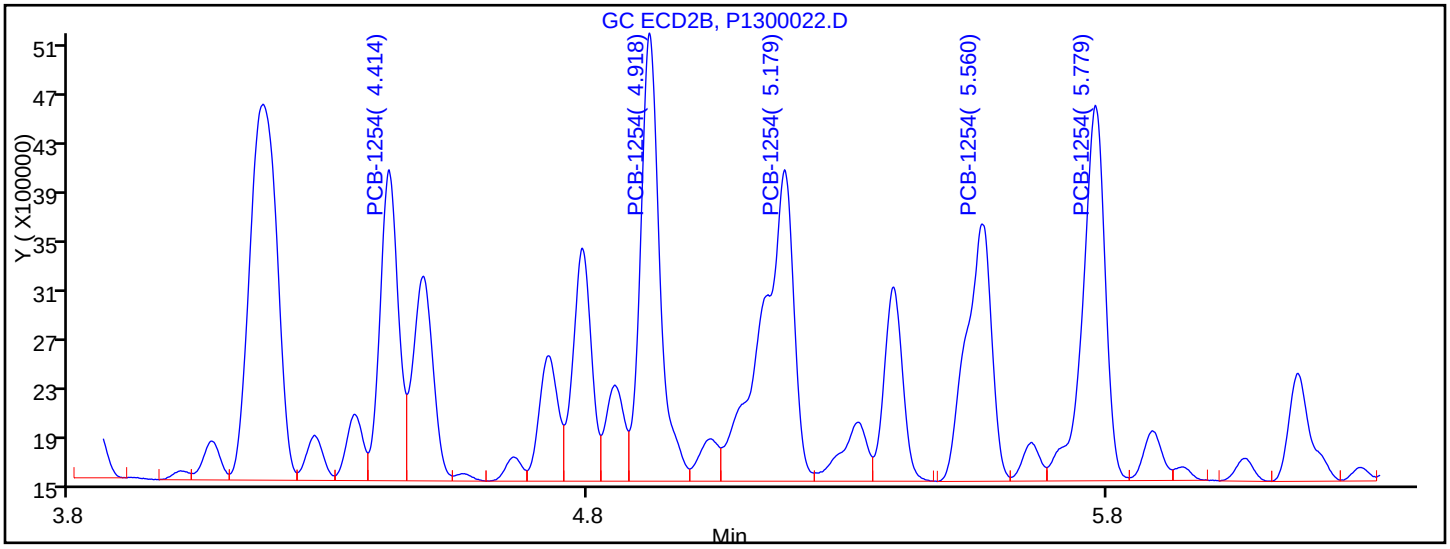
Report Date: 22-Oct-2012 09:18:20 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

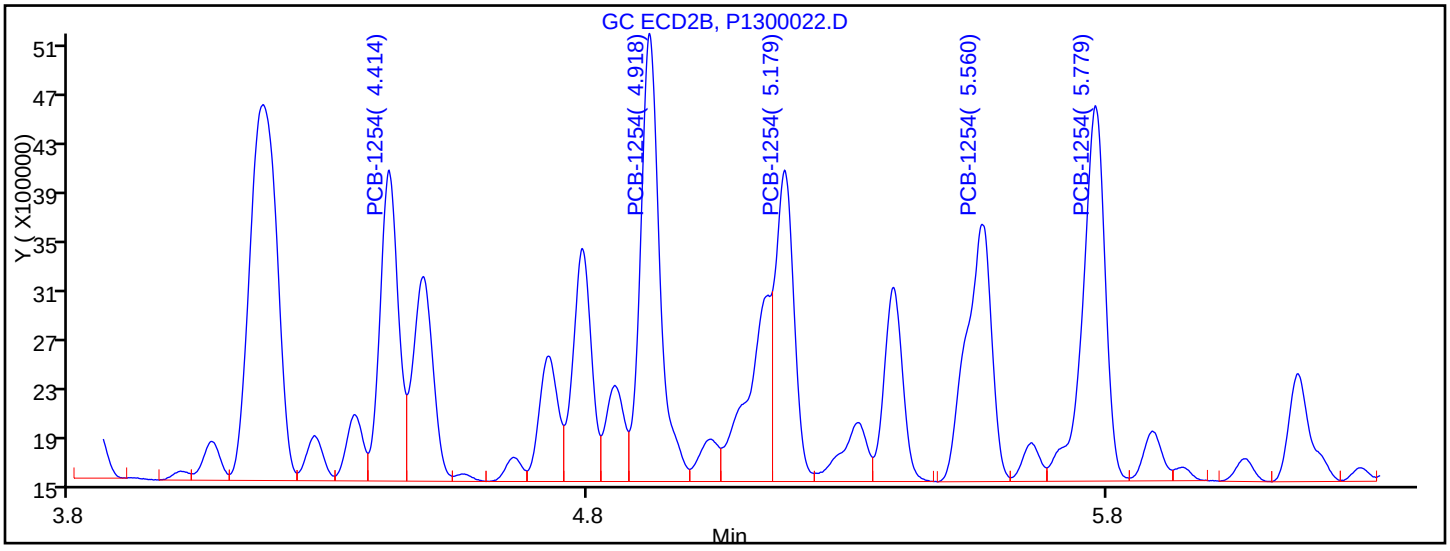
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.414	Response = 6083673	
RT = 4.918	Response = 9283736	
RT = 5.179	Response = 10865303	M
RT = 5.560	Response = 7048523	
RT = 5.779	Response = 9111373	



Manual Integration Results

RT = 4.414	Response = 6083673	
RT = 4.918	Response = 9283736	
RT = 5.179	Response = 6036986	M
RT = 5.560	Response = 7048523	
RT = 5.779	Response = 9111373	

Reviewer: hassl, 22-Oct-2012 09:05:12

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:51:47 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-023
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 62068 Lims Sample ID: 23
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:17 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	4429217	0.2050		100.0	
1	3	1.555	1.554	0.001	2214538	0.2371	25.0- 75.0	50.0	M
1	4	1.586	1.586	0.000	11437477	0.2007	233.2- 283.2	258.2	M
			Average of Peak Amounts =			0.2143			
2	4	1.947	1.948	-0.001	2669812	0.2015		100.0	
2	5	2.087	2.088	-0.001	1788151	0.2035	37.0- 97.0	67.0	
2	6	2.147	2.148	-0.001	6425697	0.2022	210.7- 270.7	240.7	
			Average of Peak Amounts =			0.2024			
						RPD = 5.67			
8 PCB-1254									M
1	100	3.541	3.541	0.000	27104495	0.2087		100.0	
1	2	3.955	3.956	-0.001	29165381	0.2074	82.6- 132.6	107.6	
1	3	4.259	4.259	0.000	24377005	0.2128	64.9- 114.9	89.9	
1	4	4.466	4.467	-0.001	20301068	0.2066	49.9- 99.9	74.9	
1	5	4.767	4.768	-0.001	29571702	0.2093	84.1- 134.1	109.1	
			Average of Peak Amounts =			0.2089			
2	6	4.414	4.413	0.001	11477419	0.2004		100.0	
2	7	4.917	4.918	-0.001	17676021	0.1994	124.0- 184.0	154.0	
2	8	5.177	5.179	-0.002	12195047	0.2006	76.3- 136.3	106.3	M
2	9	5.560	5.562	-0.002	13430677	0.1988	87.0- 147.0	117.0	
2	10	5.778	5.779	-0.001	17343772	0.1998	121.1- 181.1	151.1	
			Average of Peak Amounts =			0.1998			
						RPD = 4.48			

QC Flag Legend

Review Flags
M - Manually Integrated

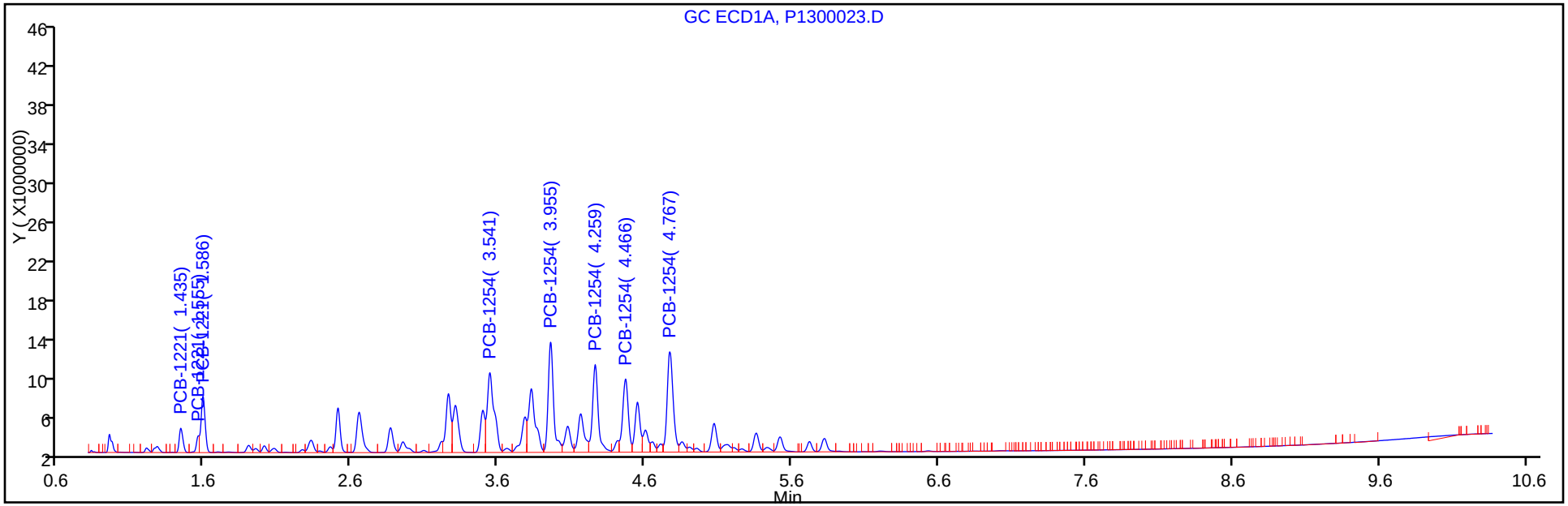
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

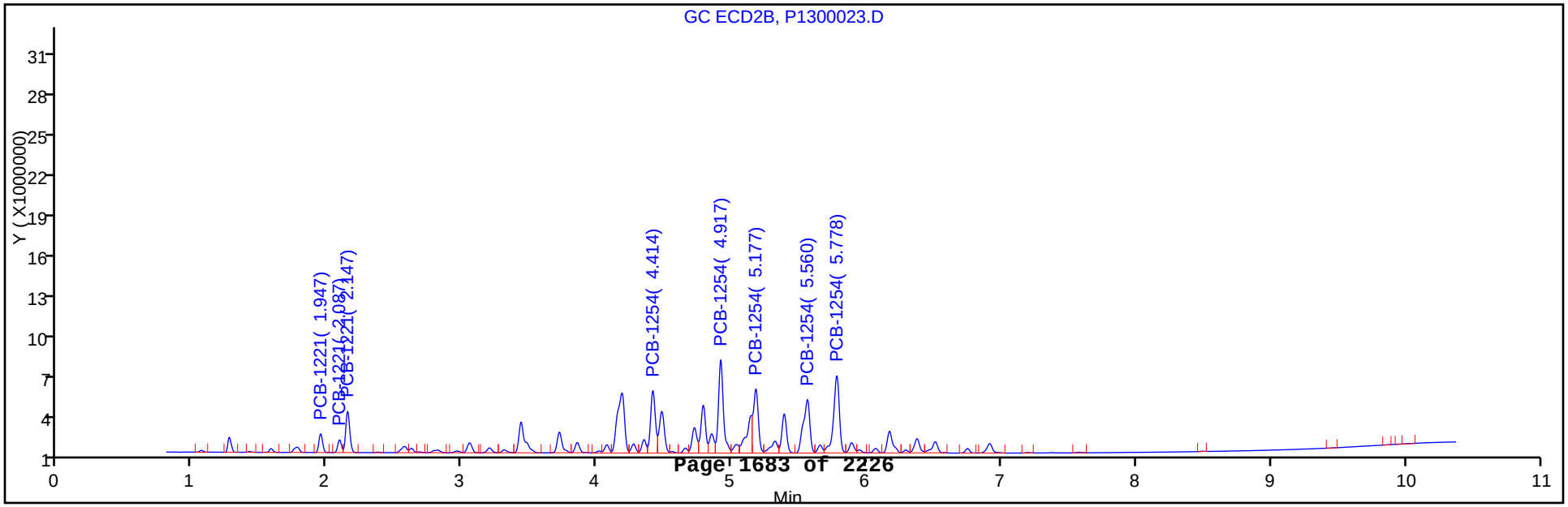
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



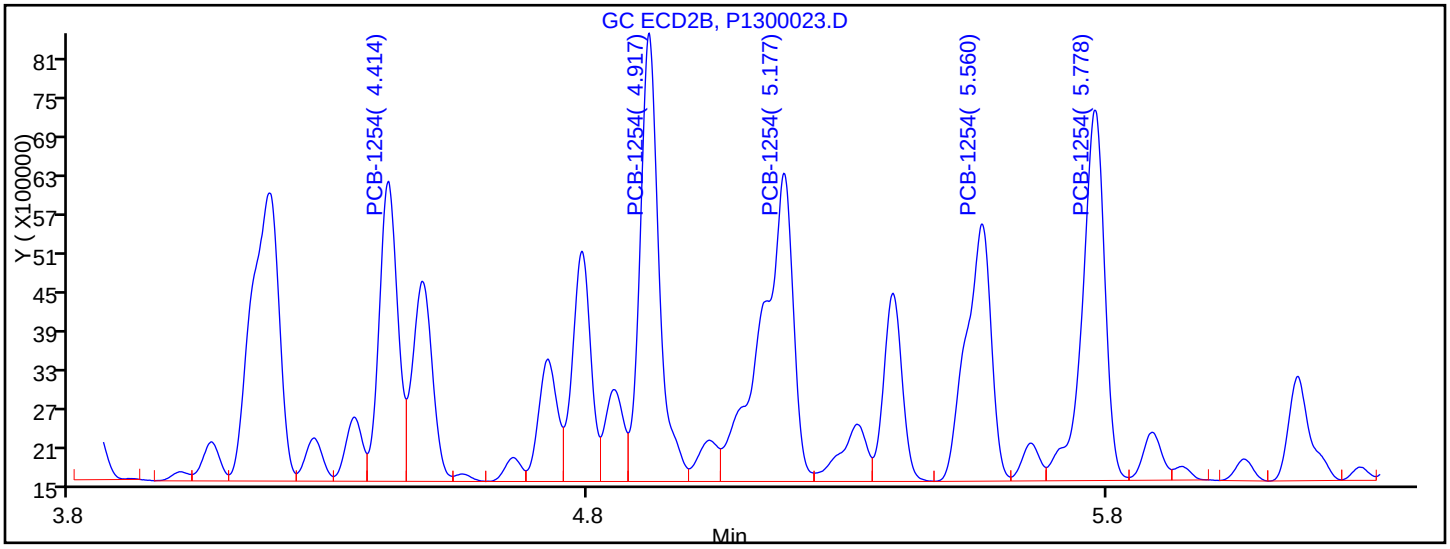
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

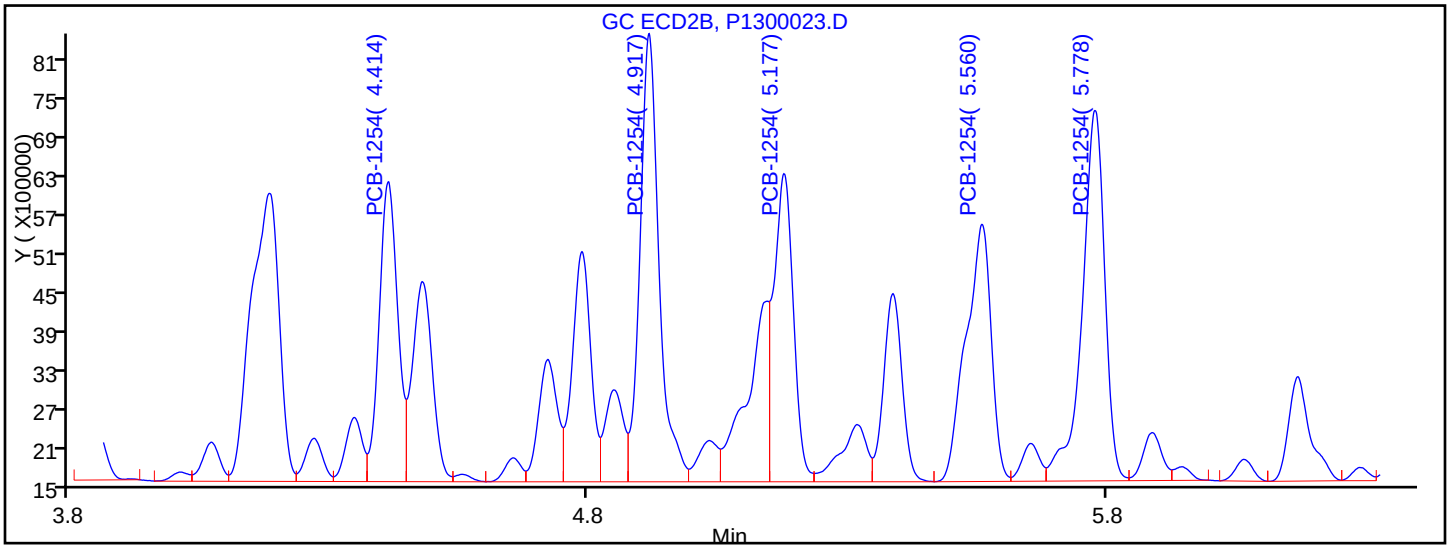
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.414	Response = 11477419	
RT = 4.917	Response = 17676021	
RT = 5.177	Response = 20475786	M
RT = 5.560	Response = 13430677	
RT = 5.778	Response = 17343772	



Manual Integration Results

RT = 4.414	Response = 11477419	
RT = 4.917	Response = 17676021	
RT = 5.177	Response = 12195047	M
RT = 5.560	Response = 13430677	
RT = 5.778	Response = 17343772	

Reviewer: hassl, 22-Oct-2012 09:05:56

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:06:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-024
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 62068 Lims Sample ID: 24
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:15 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	10429868	0.4826		100.0	
1	3	1.559	1.554	0.005	4399813	0.5170	25.0- 75.0	42.2	M
1	4	1.587	1.586	0.001	26890493	0.4718	233.2- 283.2	257.8	M
			Average of Peak Amounts =			0.4905			
2	4	1.948	1.948	0.000	6330644	0.4779		100.0	
2	5	2.088	2.088	0.000	4167691	0.4744	37.0- 97.0	65.8	
2	6	2.148	2.148	0.000	15087116	0.4748	210.7- 270.7	238.3	
			Average of Peak Amounts =			0.4757			
						RPD = 3.06			
8 PCB-1254									
1	100	3.542	3.541	0.001	64370551	0.4957		100.0	
1	2	3.956	3.956	0.000	69720842	0.4959	82.6- 132.6	108.3	
1	3	4.260	4.259	0.001	57910295	0.5054	64.9- 114.9	90.0	
1	4	4.467	4.467	0.000	48777658	0.4963	49.9- 99.9	75.8	
1	5	4.769	4.768	0.001	71037028	0.5027	84.1- 134.1	110.4	
			Average of Peak Amounts =			0.4992			
2	6	4.414	4.413	0.001	27491372	0.4800		100.0	
2	7	4.919	4.918	0.001	43106896	0.4862	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	29791558	0.4900	76.3- 136.3	108.4	
2	9	5.561	5.562	-0.001	32792131	0.4854	87.0- 147.0	119.3	
2	10	5.779	5.779	0.000	42777108	0.4927	121.1- 181.1	155.6	
			Average of Peak Amounts =			0.4869			
						RPD = 2.50			

QC Flag Legend

Review Flags
M - Manually Integrated

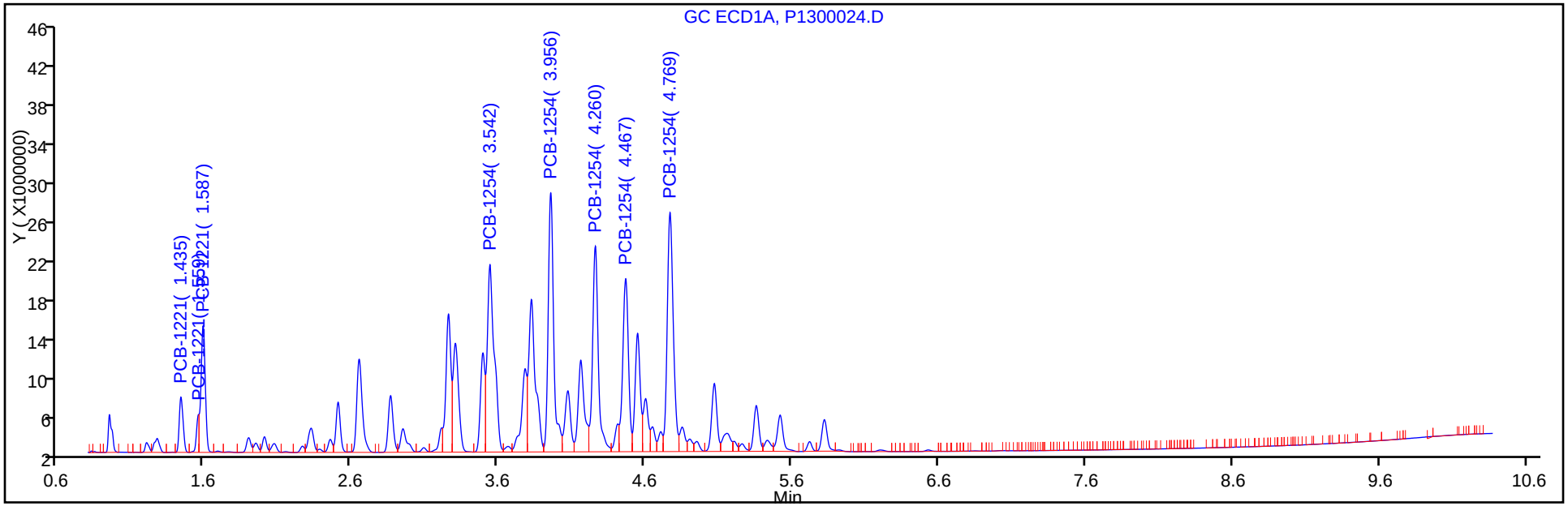
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

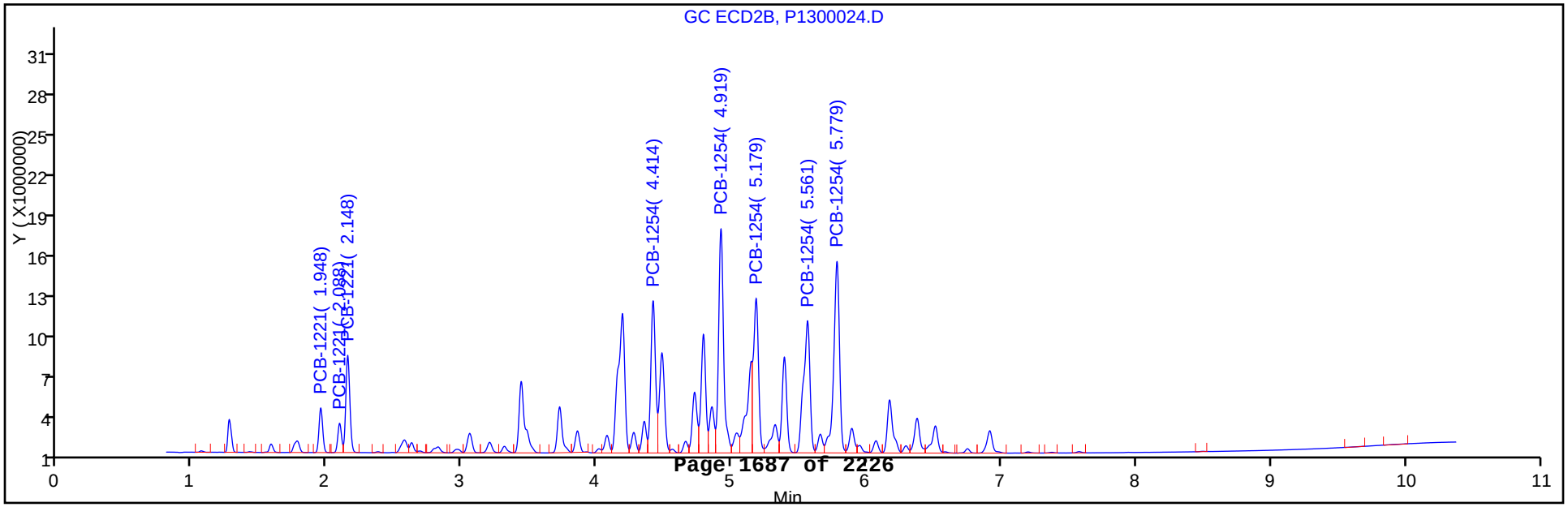
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Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:21:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 62068 Lims Sample ID: 25
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:14 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.436	1.435	0.001	19416966	0.8985		100.0	
1	3	1.558	1.554	0.004	7440731	0.9737	25.0- 75.0	38.3	M
1	4	1.586	1.586	0.000	49419050	0.8671	233.2- 283.2	254.5	M
			Average of Peak Amounts =			0.9131			
2	4	1.948	1.948	0.000	11957868	0.9027		100.0	
2	5	2.088	2.088	0.000	7792949	0.8870	37.0- 97.0	65.2	
2	6	2.148	2.148	0.000	28432724	0.8949	210.7- 270.7	237.8	
			Average of Peak Amounts =			0.8949			
						RPD = 2.02			
8 PCB-1254									
1	100	3.541	3.541	0.000	120561612	0.9284		100.0	
1	2	3.956	3.956	0.000	131664859	0.9364	82.6- 132.6	109.2	
1	3	4.258	4.259	-0.001	110520159	0.9646	64.9- 114.9	91.7	
1	4	4.466	4.467	-0.001	92256552	0.9387	49.9- 99.9	76.5	
1	5	4.768	4.768	0.000	134779062	0.9537	84.1- 134.1	111.8	
			Average of Peak Amounts =			0.9444			
2	6	4.415	4.413	0.002	52966523	0.9249		100.0	
2	7	4.917	4.918	-0.001	83028670	0.9364	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	58426984	0.9610	76.3- 136.3	110.3	
2	9	5.561	5.562	-0.001	64281415	0.9515	87.0- 147.0	121.4	
2	10	5.779	5.779	0.000	82957319	0.9555	121.1- 181.1	156.6	
			Average of Peak Amounts =			0.9459			
						RPD = 0.16			

QC Flag Legend

Review Flags
M - Manually Integrated

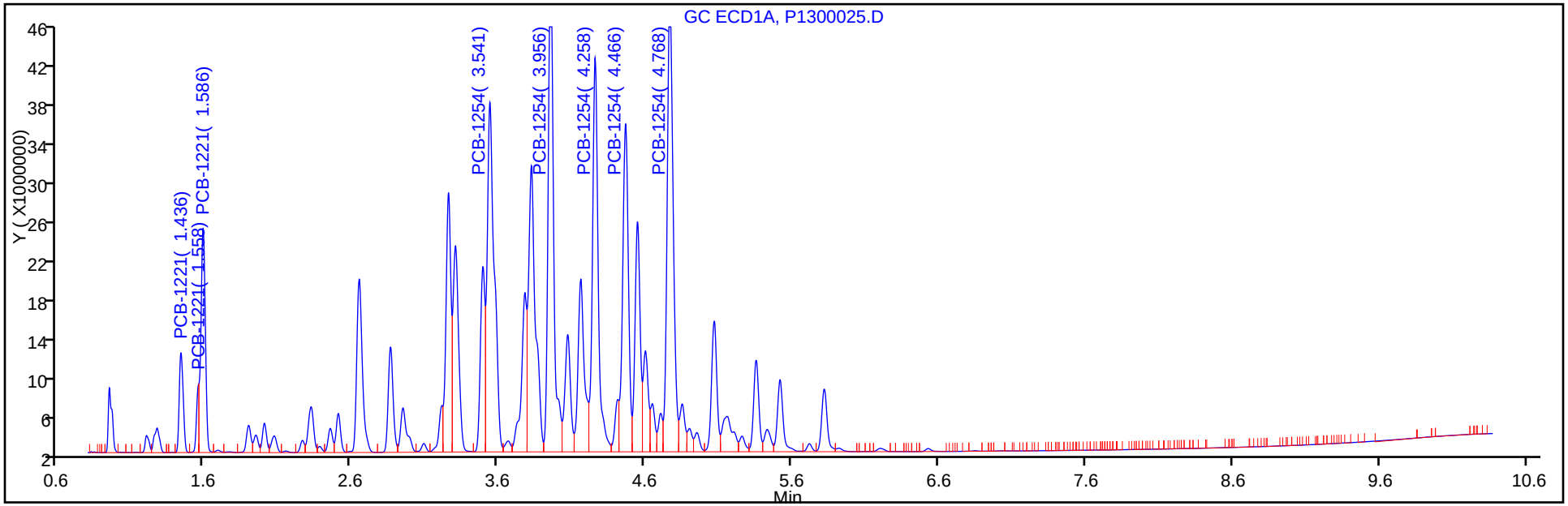
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

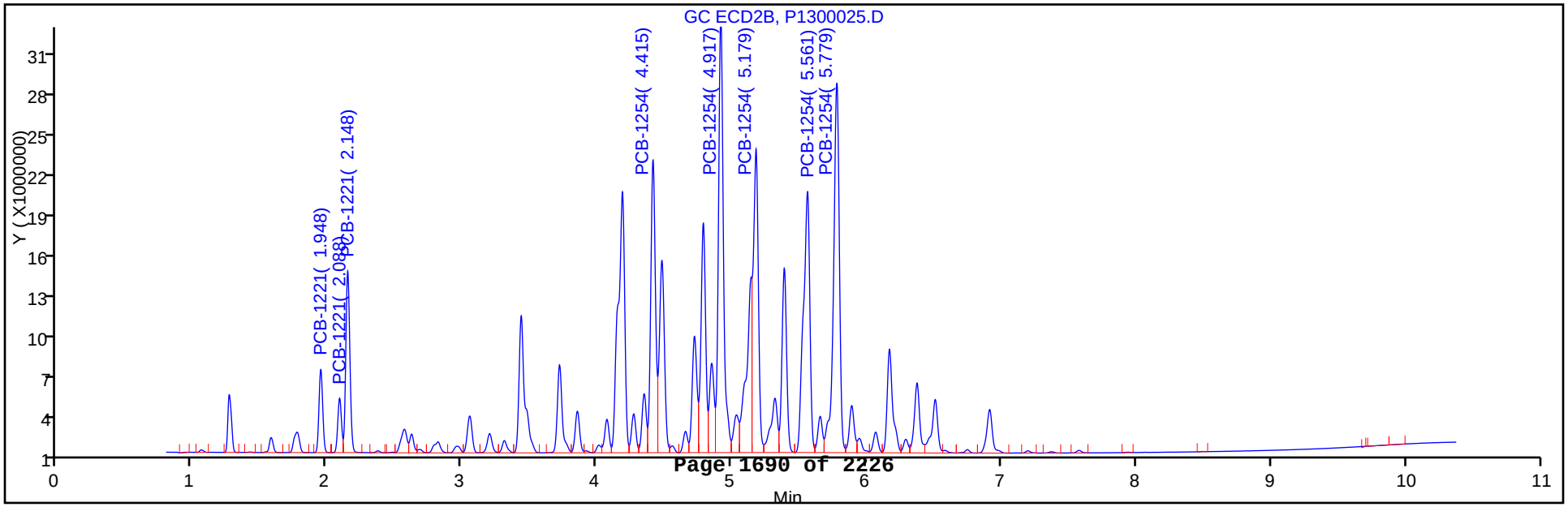
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
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



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:36:27 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 62068 Lims Sample ID: 26
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:12 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	36752731	1.70		100.0	
1	3	1.555	1.554	0.001	11928209	2.01	25.0- 75.0	32.5	M
1	4	1.587	1.586	0.001	92993540	1.63	233.2- 283.2	253.0	M
			Average of Peak Amounts =			1.78			
2	4	1.948	1.948	0.000	23306725	1.76		100.0	
2	5	2.088	2.088	0.000	14898822	1.70	37.0- 97.0	63.9	
2	6	2.148	2.148	0.000	55006290	1.73	210.7- 270.7	236.0	
			Average of Peak Amounts =			1.73			
						RPD = 2.97			
8 PCB-1254									
1	100	3.541	3.541	0.000	229647270	1.77		100.0	
1	2	3.955	3.956	-0.001	250140664	1.78	82.6- 132.6	108.9	
1	3	4.258	4.259	-0.001	210197993	1.83	64.9- 114.9	91.5	
1	4	4.466	4.467	-0.001	174799795	1.78	49.9- 99.9	76.1	
1	5	4.768	4.768	0.000	255265155	1.81	84.1- 134.1	111.2	
			Average of Peak Amounts =			1.79			
2	6	4.413	4.413	0.000	103997526	1.82		100.0	
2	7	4.917	4.918	-0.001	163223319	1.84	124.0- 184.0	156.9	
2	8	5.178	5.179	-0.001	111493989	1.83	76.3- 136.3	107.2	
2	9	5.561	5.562	-0.001	126925365	1.88	87.0- 147.0	122.0	
2	10	5.779	5.779	0.000	162480349	1.87	121.1- 181.1	156.2	
			Average of Peak Amounts =			1.85			
						RPD = 3.01			

QC Flag Legend

Review Flags
M - Manually Integrated

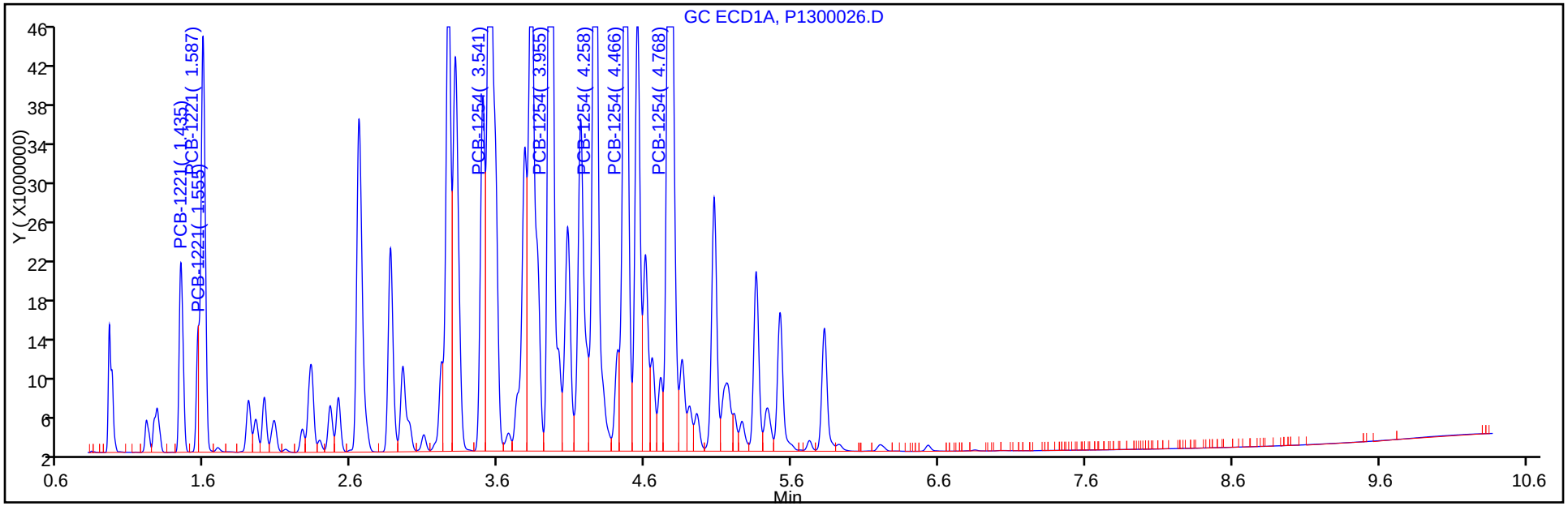
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TestAmerica Canton

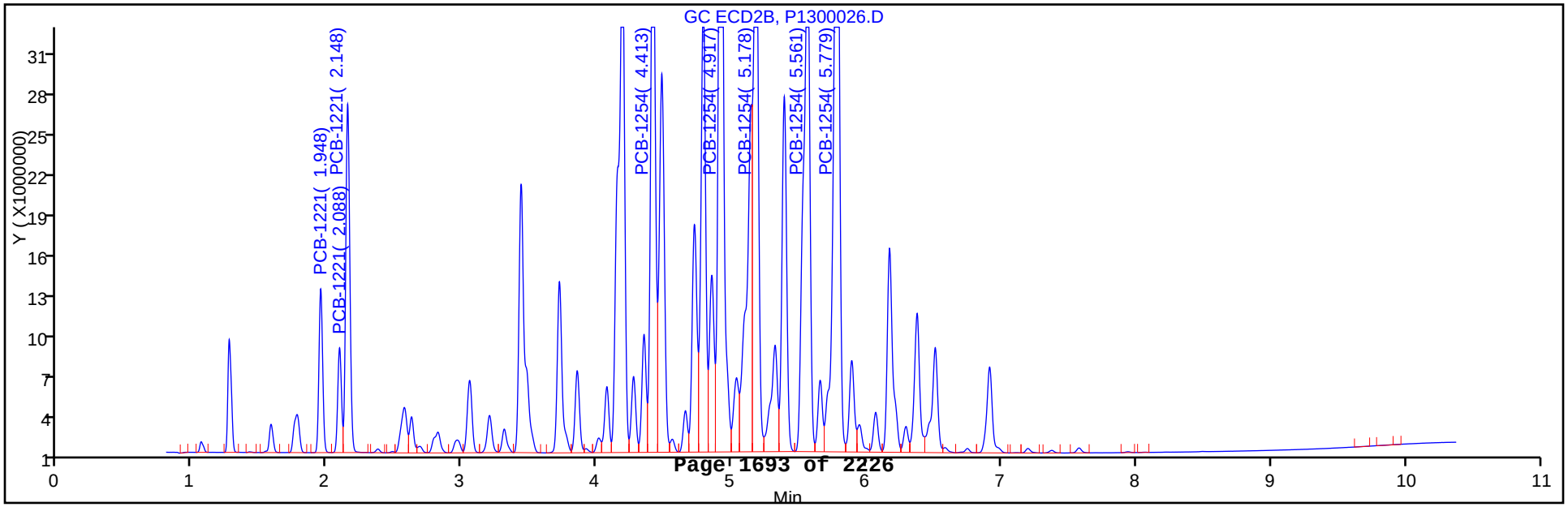
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	1.587	1.587	1.587	1.587	1.588	1.586					1.537 - 1.637	1.587
PCB-1016 Peak 2	1.896	1.897	1.896	1.896	1.897	1.895					1.846 - 1.946	1.896
PCB-1016 Peak 3	2.322	2.322	2.322	2.323	2.323	2.322					2.273 - 2.373	2.322
PCB-1016 Peak 4	2.453	2.453	2.453	2.453	2.454	2.452					2.403 - 2.503	2.453
PCB-1016 Peak 5	2.866	2.867	2.867	2.867	2.868	2.867					2.817 - 2.917	2.867
PCB-1260 Peak 1	4.159	4.161	4.160	4.160	4.160	4.159					4.110 - 4.210	4.160
PCB-1260 Peak 2	4.468	4.469	4.468	4.469	4.468	4.469					4.419 - 4.519	4.469
PCB-1260 Peak 3	4.767	4.768	4.768	4.767	4.768	4.767					4.717 - 4.817	4.768
PCB-1260 Peak 4	5.518	5.517	5.518	5.518	5.518	5.518					5.468 - 5.568	5.518
PCB-1260 Peak 5	5.822	5.821	5.820	5.820	5.821	5.820					5.770 - 5.870	5.821
Tetrachloro-m-xylene	1.288	1.288	1.289	1.289	1.289	1.288					1.239 - 1.339	1.289
DCB Decachlorobiphenyl	7.057	7.057	7.058	7.056	7.057	7.054					7.006 - 7.106	7.057

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.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								
PCB-1016 Peak 1	47570600 36354352	44879620 33033344	42064845	40030500	Ave		40655543.5				13.0		20.0			
PCB-1016 Peak 2	86111360 64408075	79910890 59039442	73338035	68454090	Ave		71876981.9				14.0		20.0			
PCB-1016 Peak 3	180505160 142796313	167514060 133101529	157810350	149580956	Ave		155218061				11.0		20.0			
PCB-1016 Peak 4	71981180 60751481	67204130 57912659	65508860	63476760	Ave		64472511.6				7.7		20.0			
PCB-1016 Peak 5	80605560 62498314	72179060 59592302	68510180	63709390	Ave		67849134.3				11.0		20.0			
PCB-1260 Peak 1	115807120 94842713	107789480 89860055	101670520	98163952	Ave		101355640				9.2		20.0			
PCB-1260 Peak 2	227193120 187849831	215268890 177045456	203431520	193006726	Ave		200632590				9.2		20.0			
PCB-1260 Peak 3	220698560 190365810	211602070 179930711	201551830	196110274	Ave		200043209				7.3		20.0			
PCB-1260 Peak 4	289489620 263611969	284526700 249898539	273549365	269783558	Ave		271809958				5.3		20.0			
PCB-1260 Peak 5	136652340 126153832	134515880 120750822	128595710	128244336	Ave		129152153				4.5		20.0			
Tetrachloro-m-xylene	2606107200 2102795960	2470085400 1924357420	2397259000	2196600400	Ave		2282867563				11.0		20.0			
DCB Decachlorobiphenyl	2510979200 2286534400	2398843800 2231318180	2314914800	2265365840	Ave		2334659370				4.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.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
PCB-1016 Peak 1	Ave	2378530 66066688	4487962	8412969	20015250	36354352	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	4305568 118078883	7991089	14667607	34227045	64408075	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	9025258 266203057	16751406	31562070	74790478	142796313	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	3599059 115825317	6720413	13101772	31738380	60751481	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	4030278 119184603	7217906	13702036	31854695	62498314	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	5790356 179720110	10778948	20334104	49081976	94842713	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	11359656 354090911	21526889	40686304	96503363	187849831	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	11034928 359861421	21160207	40310366	98055137	190365810	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	14474481 499797077	28452670	54709873	134891779	263611969	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	6832617 241501643	13451588	25719142	64122168	126153832	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	6515268 192435742	12350427	23972590	54915010	105139798	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	6277448 223131818	11994219	23149148	56634146	114326720	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	21-Oct-2012 22:51:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	62068	Lims Sample ID:	27
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:10	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	6515268	0.002854			
2	2	1.650	1.651	-0.001	3761903	0.002618			
						RPD = 8.63			
6 PCB-1016									M
1	100	1.587	1.587	0.000	2378530	0.0585		100.0	M
1	2	1.896	1.896	0.000	4305568	0.0599	149.3- 199.3	181.0	
1	3	2.322	2.323	-0.001	9025258	0.0581	350.2- 400.2	379.4	
1	4	2.453	2.453	0.000	3599059	0.0558	130.7- 180.7	151.3	
1	5	2.866	2.867	-0.001	4030278	0.0594	137.9- 187.9	169.4	
			Average of Peak Amounts =			0.0584			
2	6	2.147	2.147	0.000	1302990	0.0580		100.0	
2	7	2.571	2.571	0.000	2716165	0.0579	176.5- 236.5	208.5	
2	8	3.052	3.054	-0.002	5034554	0.0554	362.5- 422.5	386.4	
2	9	3.200	3.201	-0.001	2214859	0.0572	137.9- 197.9	170.0	
2	10	3.854	3.854	0.000	1955492	0.0542	118.8- 178.8	150.1	
			Average of Peak Amounts =			0.0565			
						RPD = 3.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	5790356	0.0571		100.0	
1	2	4.468	4.469	-0.001	11359656	0.0566	175.1- 225.1	196.2	
1	3	4.767	4.767	0.000	11034928	0.0552	173.2- 223.2	190.6	
1	4	5.518	5.518	0.000	14474481	0.0533	244.1- 294.1	250.0	
1	5	5.822	5.820	0.002	6832617	0.0529	101.5- 151.5	118.0	
			Average of Peak Amounts =			0.0550			
2	6	5.141	5.141	0.000	3688022	0.0553		100.0	
2	7	5.386	5.389	-0.003	7772445	0.0671	86.6- 146.6	210.7	
2	8	5.777	5.776	0.001	6319472	0.0541	142.9- 202.9	171.4	
2	9	6.508	6.509	-0.001	7463574	0.0525	179.5- 239.5	202.4	
2	10	6.910	6.910	0.000	5536326	0.0532	121.8- 181.8	150.1	
			Average of Peak Amounts =			0.0564			
						RPD = 2.55			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	6277448	0.002689			
2	2	8.223	8.224	-0.001	3592262	0.002667			
						RPD = 0.81			

QC Flag Legend

Review Flags
M - Manually Integrated

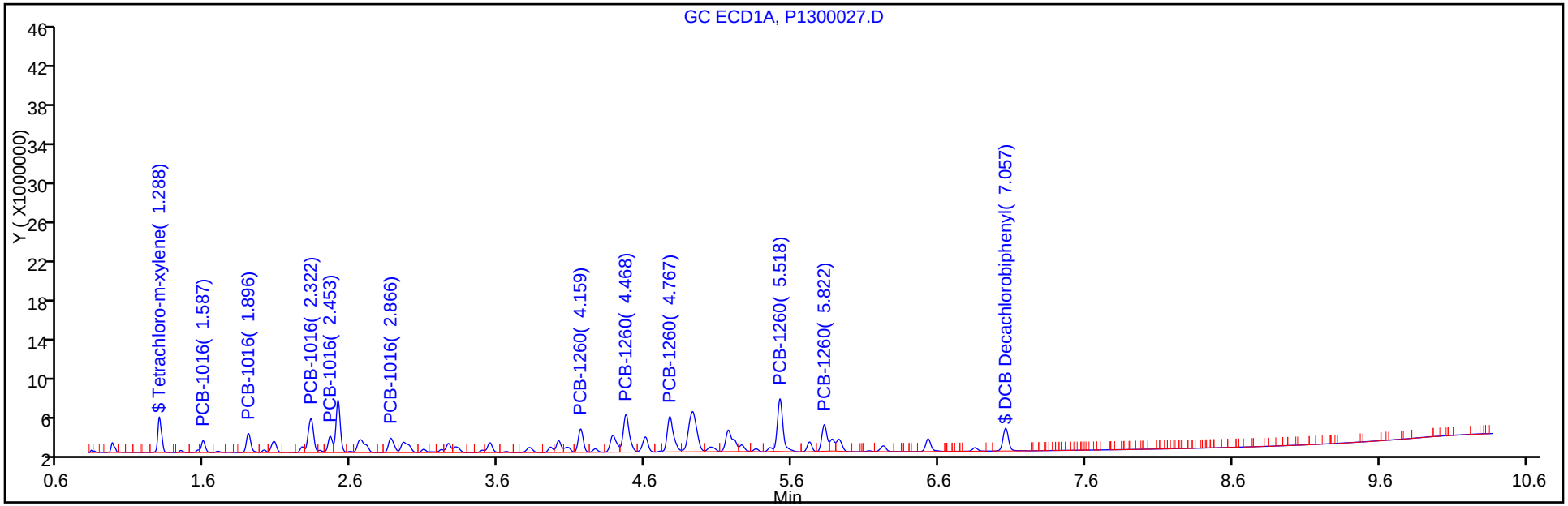
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

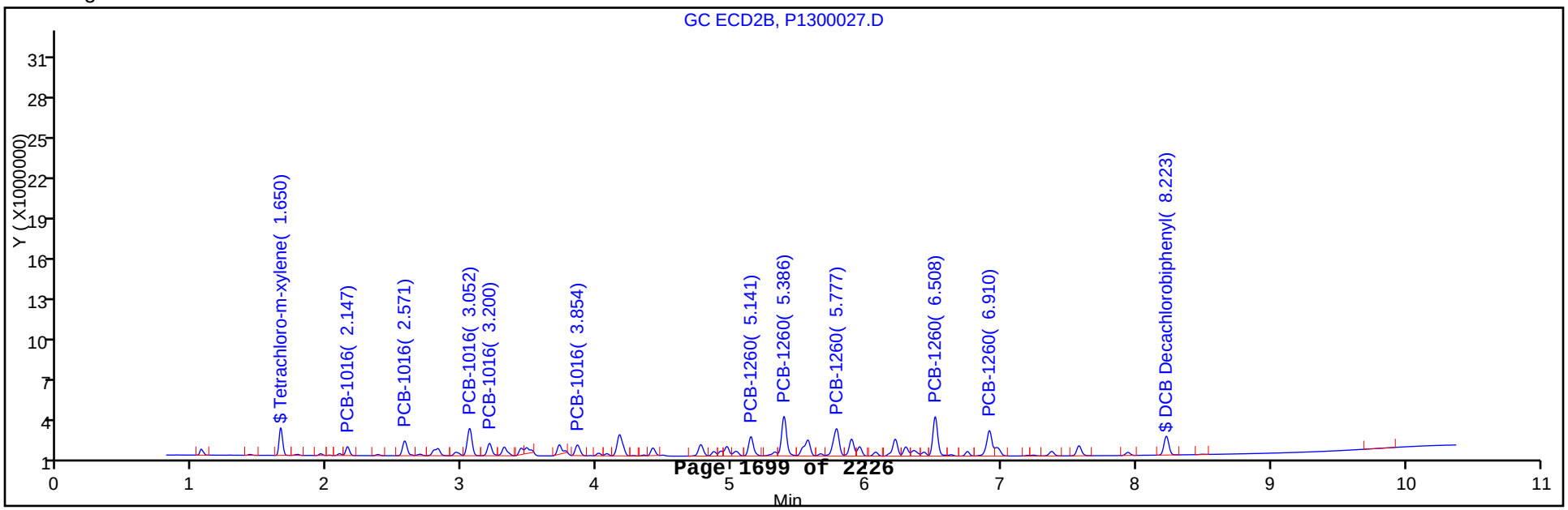
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



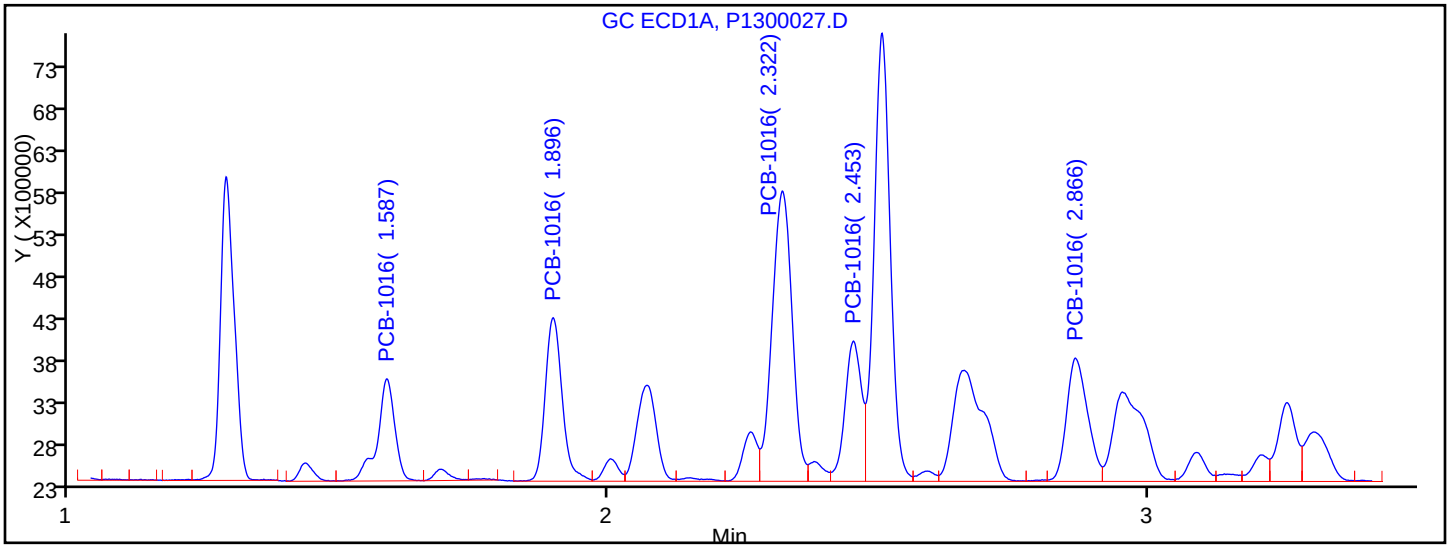
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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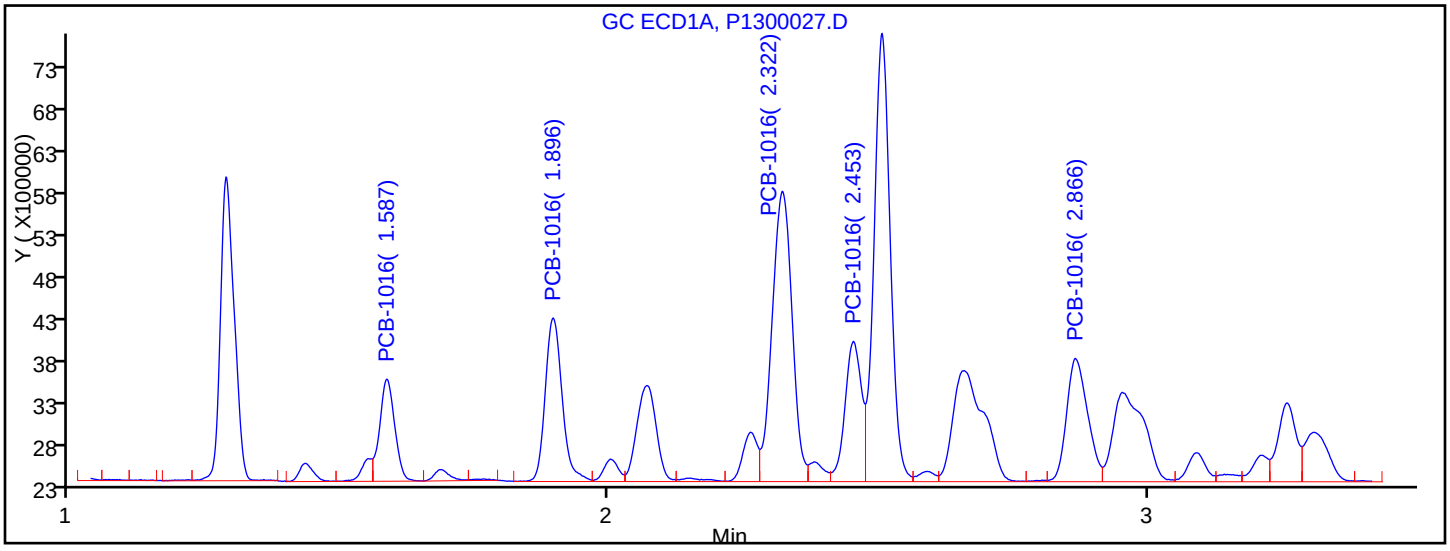
Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 2761795	M
RT = 1.896	Response = 4305568	
RT = 2.322	Response = 9025258	
RT = 2.453	Response = 3599059	
RT = 2.866	Response = 4030278	



Manual Integration Results

RT = 1.587	Response = 2378530	M
RT = 1.896	Response = 4305568	
RT = 2.322	Response = 9025258	
RT = 2.453	Response = 3599059	
RT = 2.866	Response = 4030278	

Reviewer: hassl, 22-Oct-2012 09:08:33

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D		
Lims ID:	STD01 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:06:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	62068	Lims Sample ID:	28
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:08	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	12350427	0.005410			
2	2	1.651	1.651	0.000	7279892	0.005066			
						RPD = 6.57			
6 PCB-1016									M
1	100	1.587	1.587	0.000	4487962	0.1104		100.0	M
1	2	1.897	1.896	0.001	7991089	0.1112	149.3- 199.3	178.1	
1	3	2.322	2.323	-0.001	16751406	0.1079	350.2- 400.2	373.3	
1	4	2.453	2.453	0.000	6720413	0.1042	130.7- 180.7	149.7	
1	5	2.867	2.867	0.000	7217906	0.1064	137.9- 187.9	160.8	
			Average of Peak Amounts =			0.1080			
2	6	2.147	2.147	0.000	2436057	0.1084		100.0	
2	7	2.572	2.571	0.001	5096263	0.1086	176.5- 236.5	209.2	
2	8	3.052	3.054	-0.002	9503247	0.1046	362.5- 422.5	390.1	
2	9	3.201	3.201	0.000	4151320	0.1072	137.9- 197.9	170.4	
2	10	3.853	3.854	-0.001	3904064	0.1082	118.8- 178.8	160.3	
			Average of Peak Amounts =			0.1074			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.161	4.160	0.001	10778948	0.1063		100.0	
1	2	4.469	4.469	0.000	21526889	0.1073	175.1- 225.1	199.7	
1	3	4.768	4.767	0.001	21160207	0.1058	173.2- 223.2	196.3	
1	4	5.517	5.518	-0.001	28452670	0.1047	244.1- 294.1	264.0	
1	5	5.821	5.820	0.001	13451588	0.1042	101.5- 151.5	124.8	
			Average of Peak Amounts =			0.1057			
2	6	5.141	5.141	0.000	6962734	0.1045		100.0	
2	7	5.387	5.389	-0.002	8255175	0.0740	86.6- 146.6	118.6	
2	8	5.775	5.776	-0.001	12150372	0.1040	142.9- 202.9	174.5	
2	9	6.509	6.509	0.000	14484067	0.1018	179.5- 239.5	208.0	
2	10	6.911	6.910	0.001	10796592	0.1037	121.8- 181.8	155.1	
			Average of Peak Amounts =			0.0976			
						RPD = 7.93			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	11994219	0.005137			
2	2	8.224	8.224	0.000	6693013	0.004969			
						RPD = 3.33			

QC Flag Legend

Review Flags
M - Manually Integrated

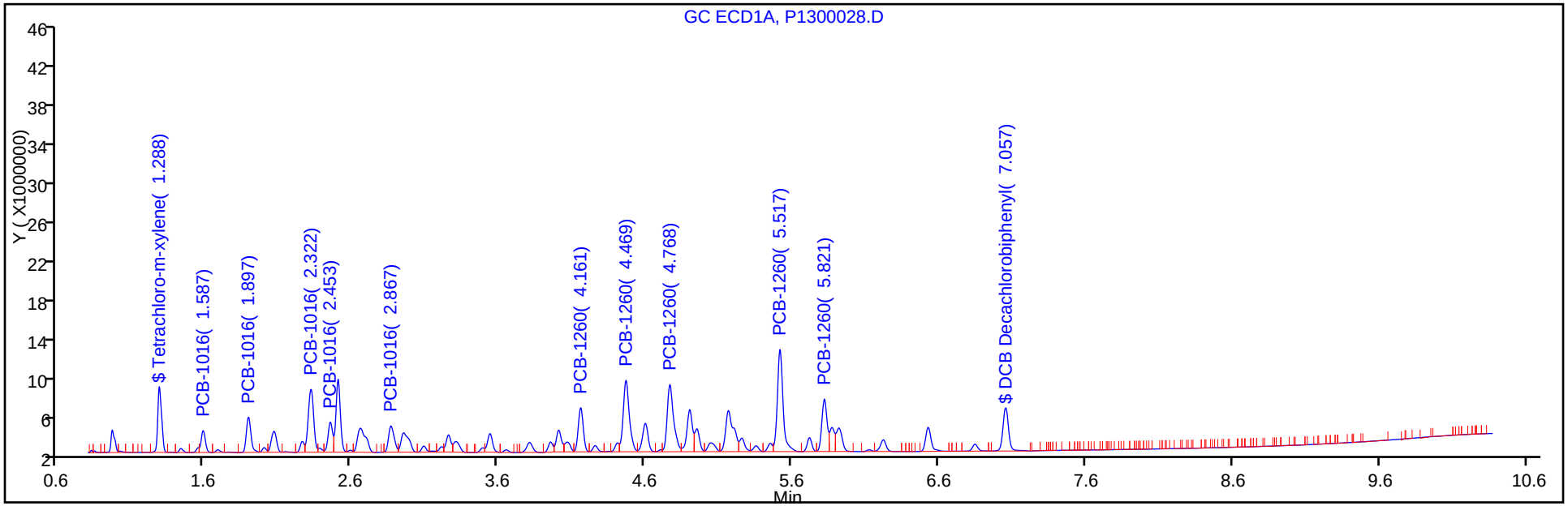
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

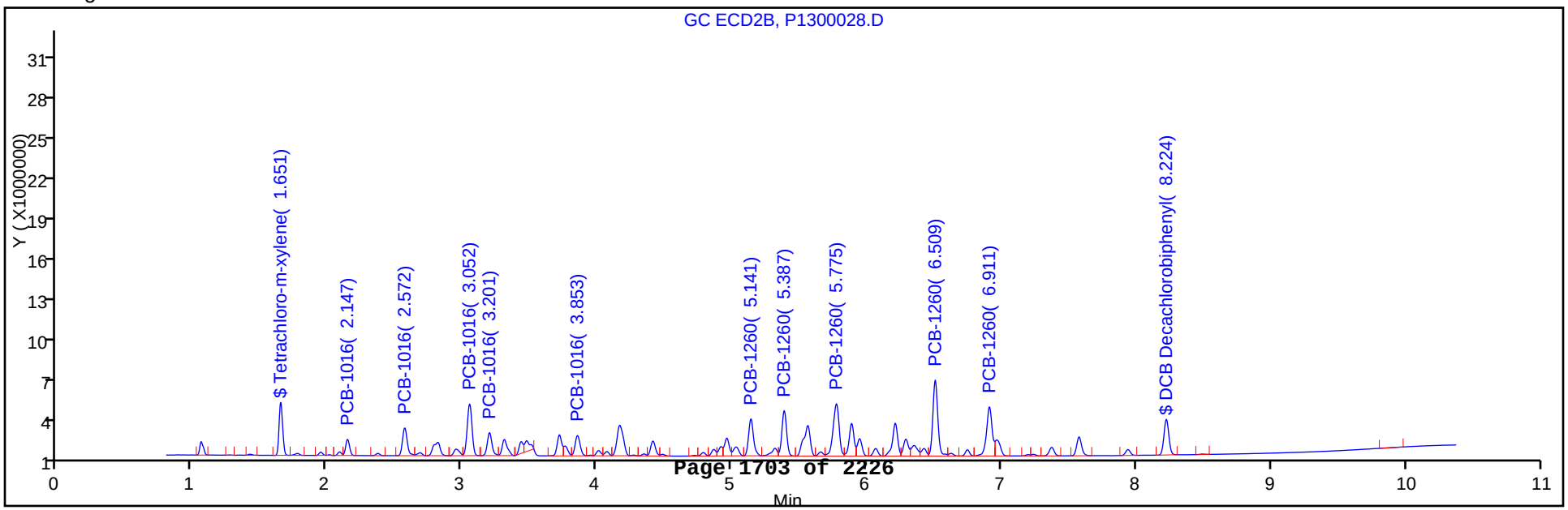
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



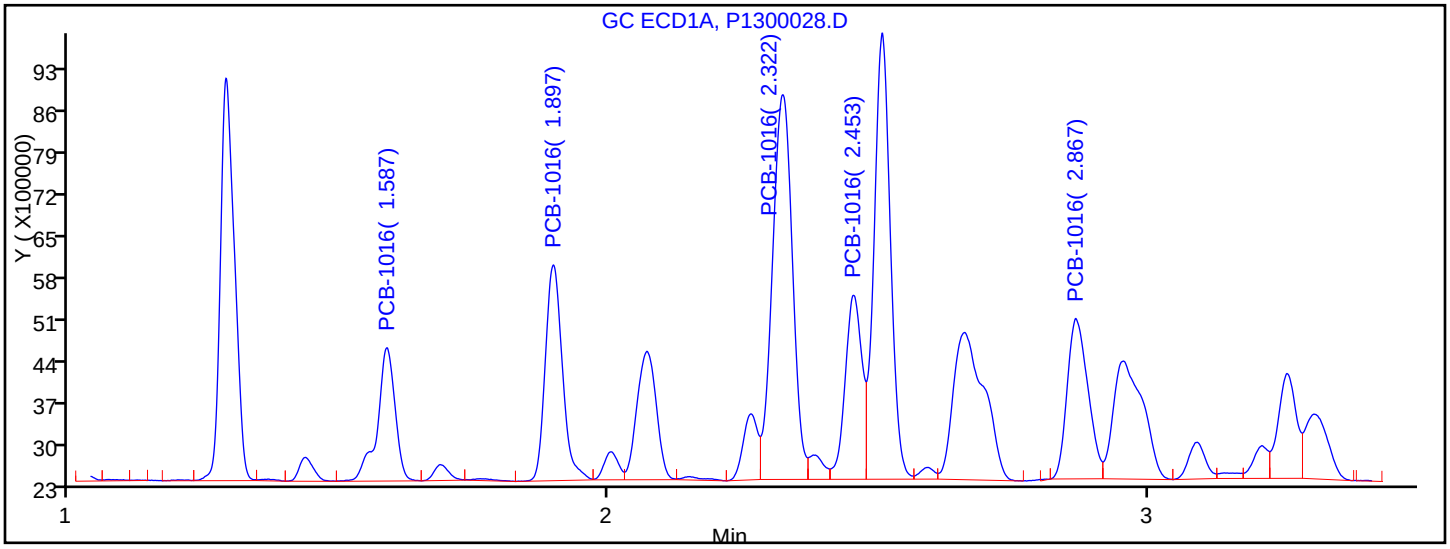
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D

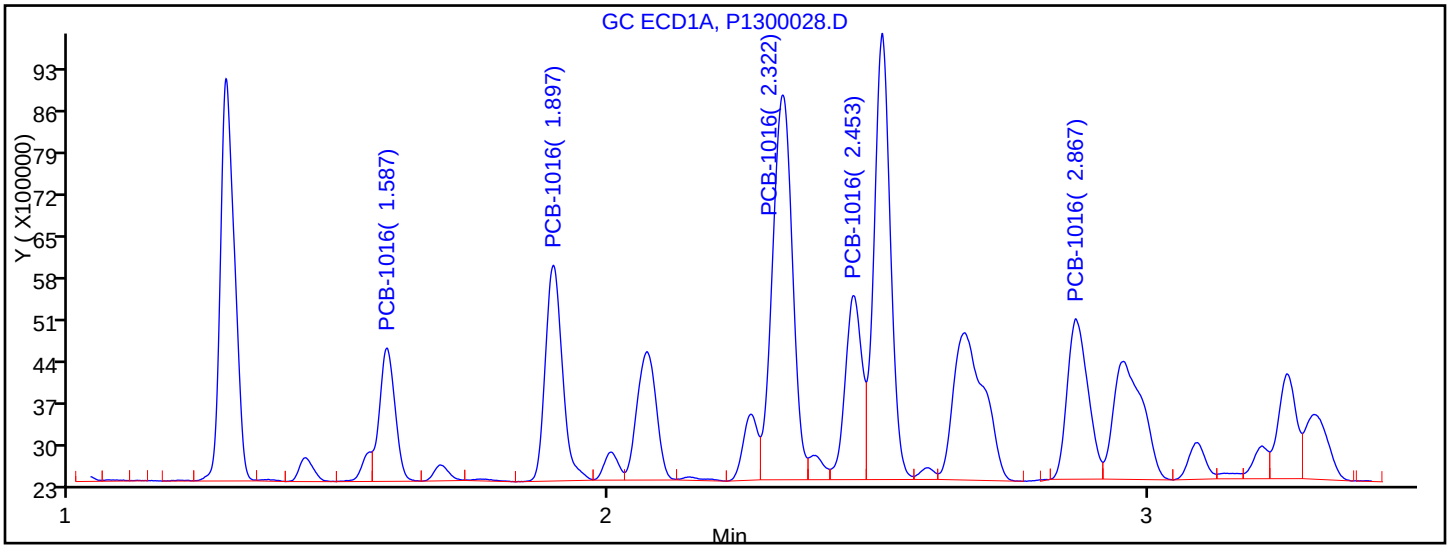
Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 5130873	M
RT = 1.897	Response = 7991089	
RT = 2.322	Response = 16751406	
RT = 2.453	Response = 6720413	
RT = 2.867	Response = 7217906	



Manual Integration Results

RT = 1.587	Response = 4487962	M
RT = 1.897	Response = 7991089	
RT = 2.322	Response = 16751406	
RT = 2.453	Response = 6720413	
RT = 2.867	Response = 7217906	

Reviewer: hassl, 22-Oct-2012 09:08:48

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D		
Lims ID:	STD02 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:21:13	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-029		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	62068	Lims Sample ID:	29
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:06	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	23972590	0.0105			
2	2	1.651	1.651	0.000	14504443	0.0101			
						RPD = 3.96			
6 PCB-1016									M
1	100	1.587	1.587	0.000	8412969	0.2069		100.0	M
1	2	1.896	1.896	0.000	14667607	0.2041	149.3- 199.3	174.3	
1	3	2.322	2.323	-0.001	31562070	0.2033	350.2- 400.2	375.2	
1	4	2.453	2.453	0.000	13101772	0.2032	130.7- 180.7	155.7	
1	5	2.867	2.867	0.000	13702036	0.2019	137.9- 187.9	162.9	
			Average of Peak Amounts =			0.2039			
2	6	2.147	2.147	0.000	4591551	0.2043		100.0	
2	7	2.571	2.571	0.000	9479305	0.2021	176.5- 236.5	206.5	
2	8	3.053	3.054	-0.001	18023698	0.1984	362.5- 422.5	392.5	
2	9	3.201	3.201	0.000	7710403	0.1991	137.9- 197.9	167.9	
2	10	3.854	3.854	0.000	6834098	0.1895	118.8- 178.8	148.8	
			Average of Peak Amounts =			0.1987			
						RPD = 2.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	20334104	0.2006		100.0	
1	2	4.468	4.469	-0.001	40686304	0.2028	175.1- 225.1	200.1	
1	3	4.768	4.767	0.001	40310366	0.2015	173.2- 223.2	198.2	
1	4	5.518	5.518	0.000	54709873	0.2013	244.1- 294.1	269.1	
1	5	5.820	5.820	0.000	25719142	0.1991	101.5- 151.5	126.5	
			Average of Peak Amounts =			0.2011			
2	6	5.141	5.141	0.000	13386031	0.2008		100.0	
2	7	5.388	5.389	-0.001	15606161	0.1787	86.6- 146.6	116.6	
2	8	5.776	5.776	0.000	23144385	0.1981	142.9- 202.9	172.9	
2	9	6.509	6.509	0.000	28046732	0.1971	179.5- 239.5	209.5	
2	10	6.911	6.910	0.001	20320972	0.1951	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.1940			
						RPD = 3.59			
$ 12 DCB Decachlorobiphenyl									
1	100	7.058	7.056	0.002	23149148	0.0099			
2	2	8.224	8.224	0.000	13278288	0.009858			
						RPD = 0.58			

QC Flag Legend

Review Flags
M - Manually Integrated

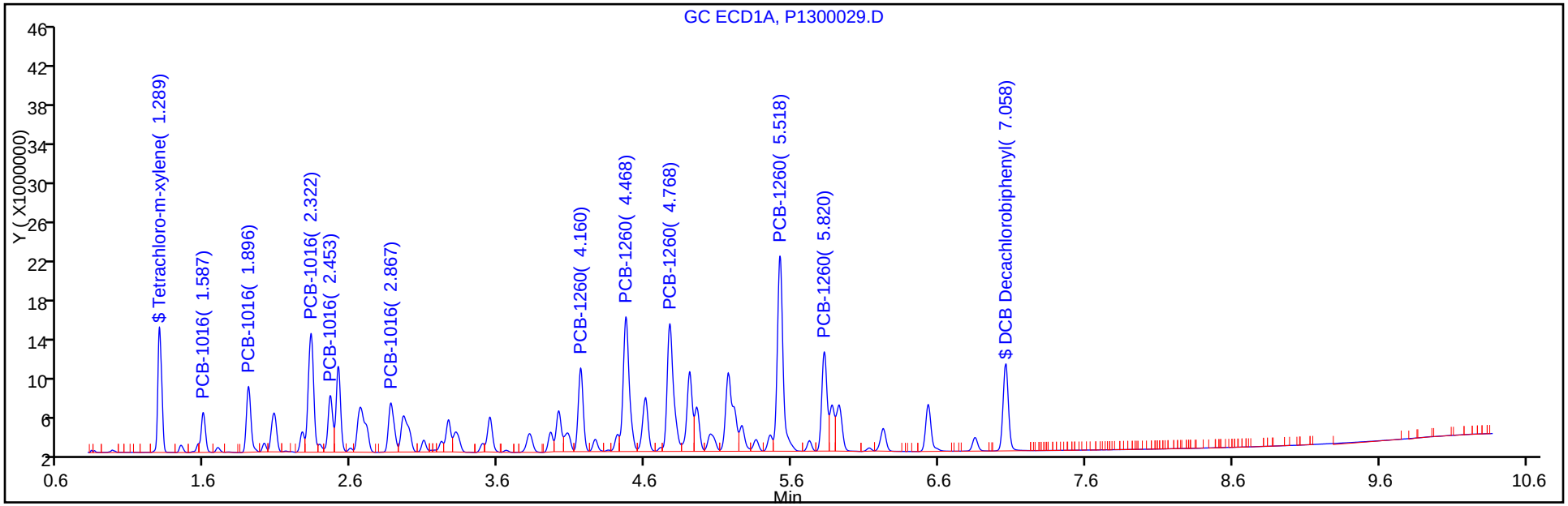
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TestAmerica Canton

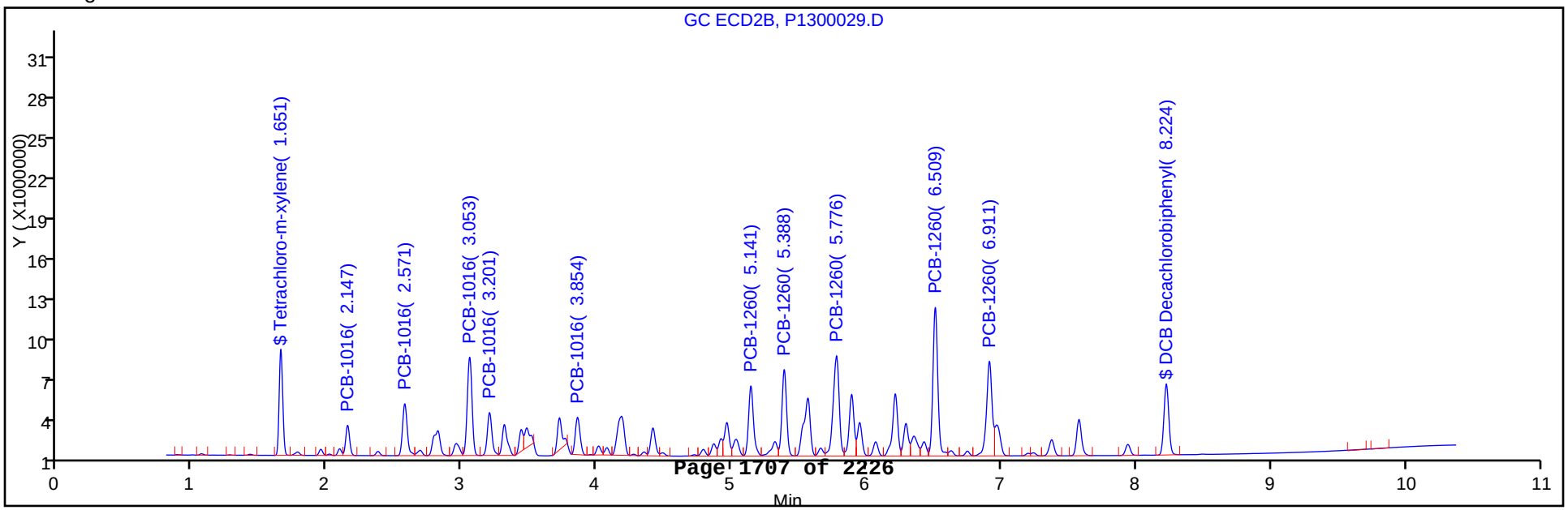
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Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



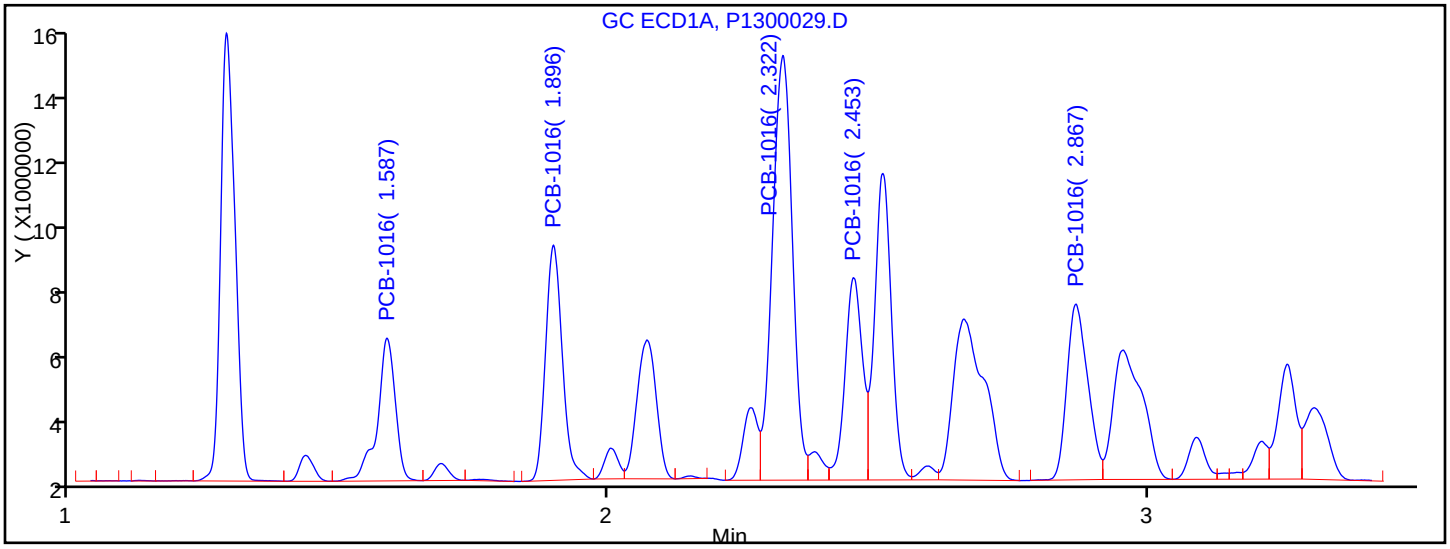
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

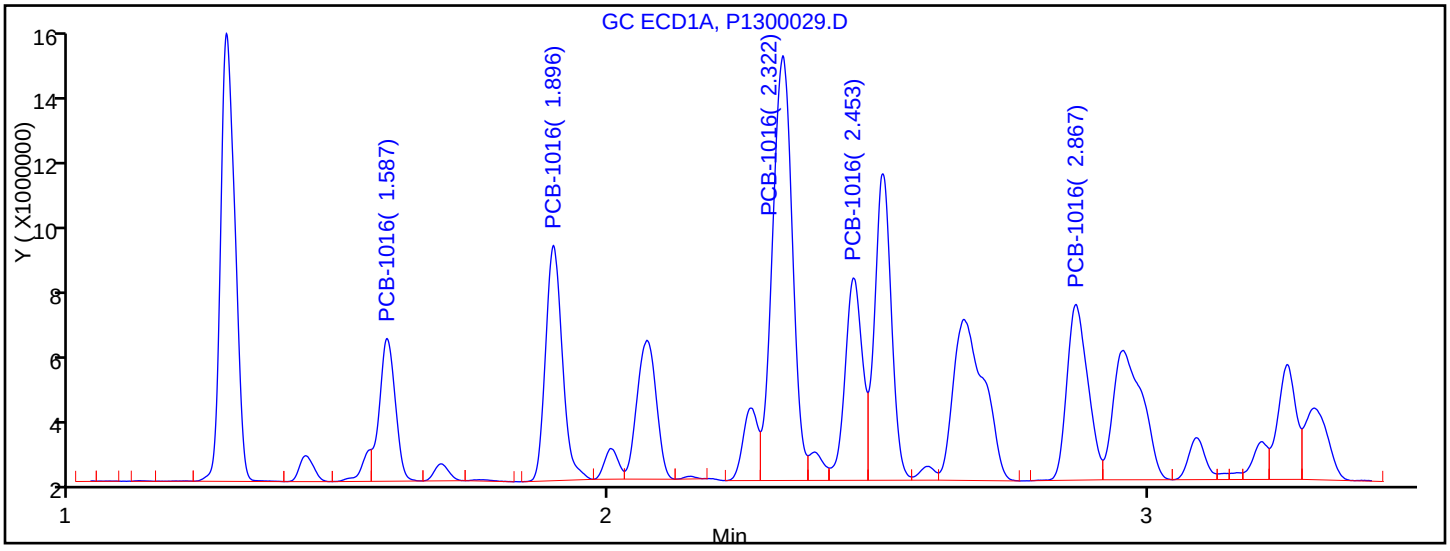
Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587 Response = 9534127 M
RT = 1.896 Response = 14667607
RT = 2.322 Response = 31562070
RT = 2.453 Response = 13101772
RT = 2.867 Response = 13702036



Manual Integration Results

RT = 1.587 Response = 8412969 M
RT = 1.896 Response = 14667607
RT = 2.322 Response = 31562070
RT = 2.453 Response = 13101772
RT = 2.867 Response = 13702036

Reviewer: hassl, 22-Oct-2012 09:09:02
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D		
Lims ID:	STD05 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:36:05	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0014228-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	62068	Lims Sample ID:	30
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:05	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	54915010	0.0241			
2	2	1.651	1.651	0.000	34986071	0.0243			
						RPD = 1.20			
6 PCB-1016									M
1	100	1.587	1.587	0.000	20015250	0.4923		100.0	M
1	2	1.896	1.896	0.000	34227045	0.4762	149.3- 199.3	171.0	
1	3	2.323	2.323	0.000	74790478	0.4818	350.2- 400.2	373.7	
1	4	2.453	2.453	0.000	31738380	0.4923	130.7- 180.7	158.6	
1	5	2.867	2.867	0.000	31854695	0.4695	137.9- 187.9	159.2	
			Average of Peak Amounts =			0.4824			
2	6	2.147	2.147	0.000	10562811	0.4700		100.0	
2	7	2.571	2.571	0.000	22222441	0.4737	176.5- 236.5	210.4	
2	8	3.054	3.054	0.000	43856306	0.4827	362.5- 422.5	415.2	
2	9	3.201	3.201	0.000	18332287	0.4735	137.9- 197.9	173.6	
2	10	3.854	3.854	0.000	17643709	0.4892	118.8- 178.8	167.0	
			Average of Peak Amounts =			0.4778			
						RPD = 0.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	49081976	0.4843		100.0	
1	2	4.469	4.469	0.000	96503363	0.4810	175.1- 225.1	196.6	
1	3	4.767	4.767	0.000	98055137	0.4902	173.2- 223.2	199.8	
1	4	5.518	5.518	0.000	134891779	0.4963	244.1- 294.1	274.8	
1	5	5.820	5.820	0.000	64122168	0.4965	101.5- 151.5	130.6	
			Average of Peak Amounts =			0.4896			
2	6	5.141	5.141	0.000	31938771	0.4792		100.0	
2	7	5.389	5.389	0.000	38322383	0.5024	86.6- 146.6	120.0	
2	8	5.776	5.776	0.000	56366268	0.4824	142.9- 202.9	176.5	
2	9	6.509	6.509	0.000	69901748	0.4913	179.5- 239.5	218.9	
2	10	6.910	6.910	0.000	50633965	0.4862	121.8- 181.8	158.5	
			Average of Peak Amounts =			0.4883			
						RPD = 0.27			
$ 12 DCB Decachlorobiphenyl									
1	100	7.056	7.056	0.000	56634146	0.0243			
2	2	8.224	8.224	0.000	32766491	0.0243			
						RPD = 0.28			

QC Flag Legend

Review Flags
M - Manually Integrated

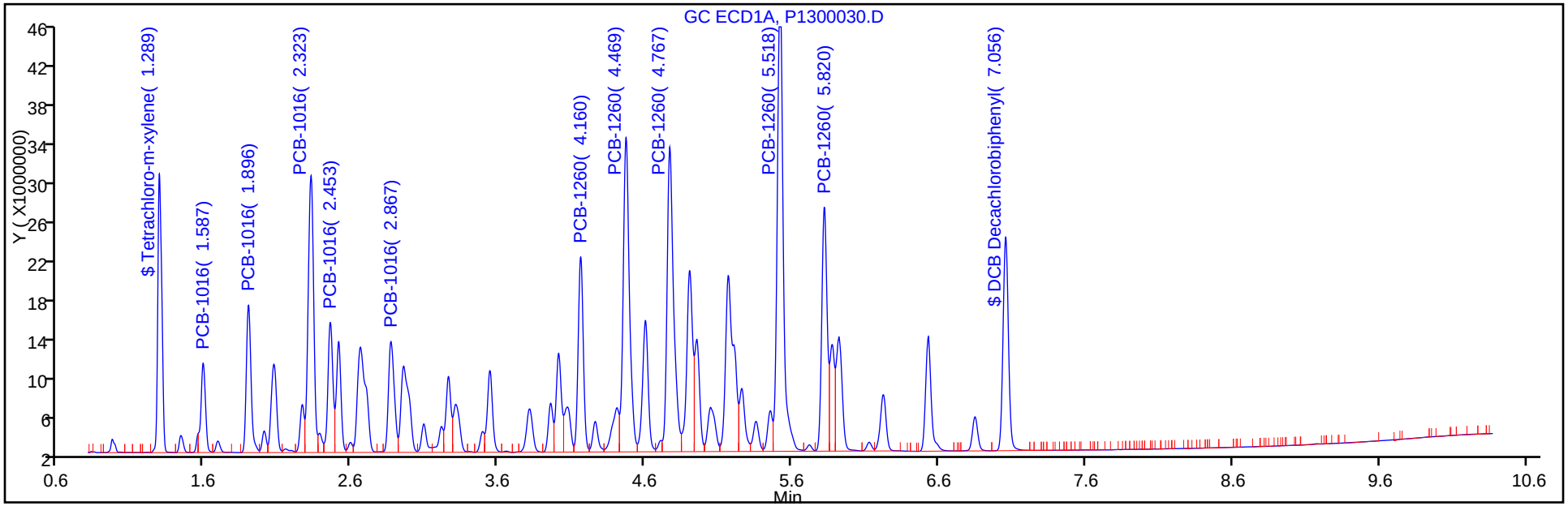
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

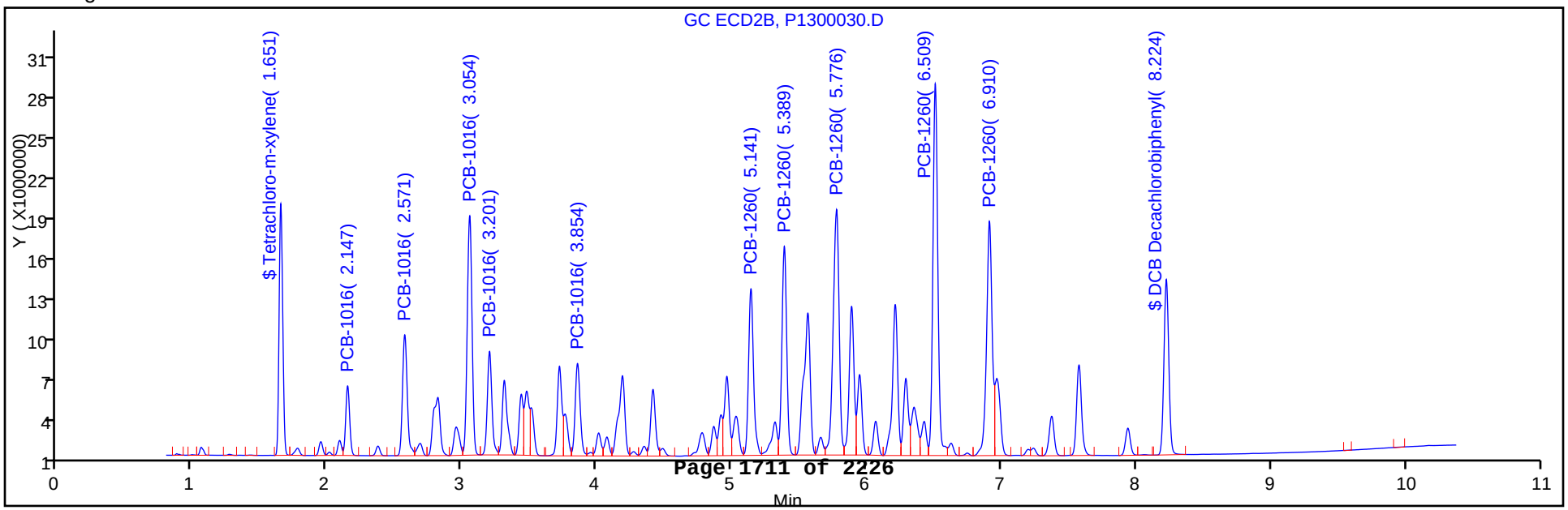
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Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



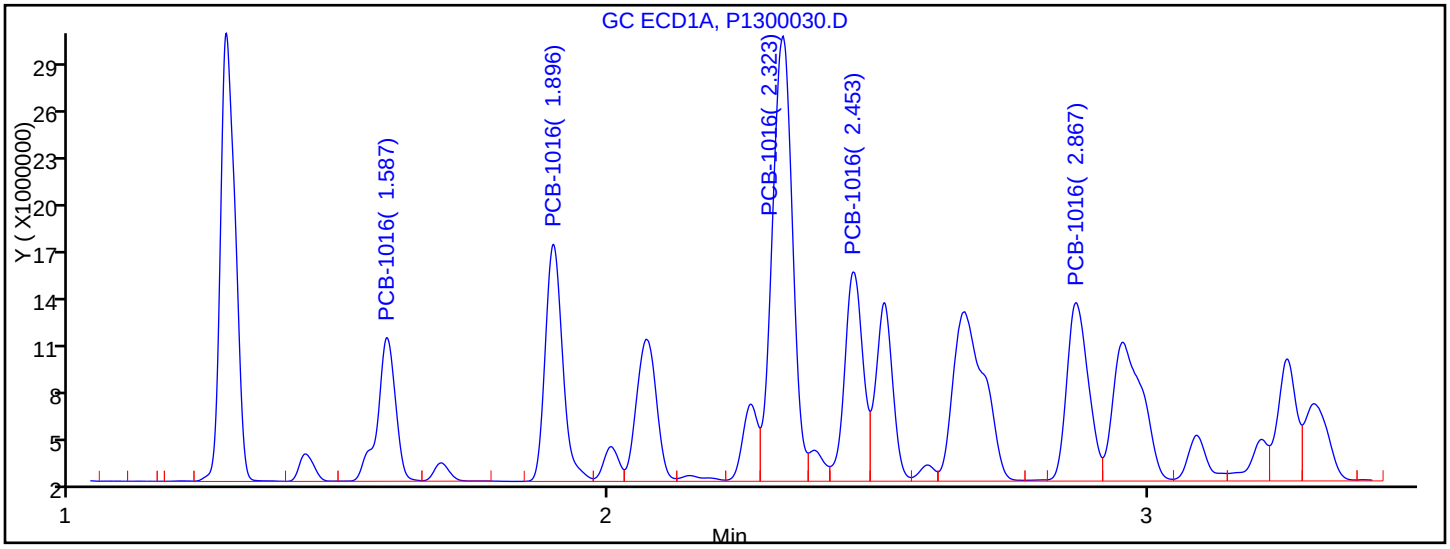
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

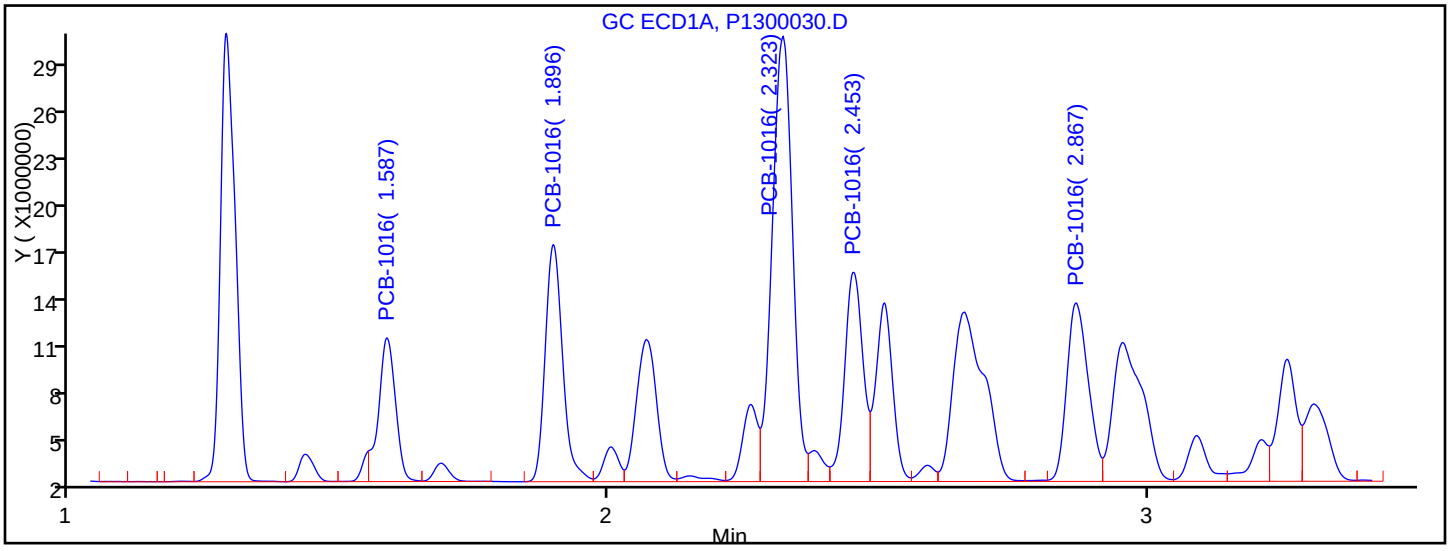
Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 21555059	M
RT = 1.896	Response = 34227045	
RT = 2.323	Response = 74790478	
RT = 2.453	Response = 31738380	
RT = 2.867	Response = 31854695	



Manual Integration Results

RT = 1.587	Response = 20015250	M
RT = 1.896	Response = 34227045	
RT = 2.323	Response = 74790478	
RT = 2.453	Response = 31738380	
RT = 2.867	Response = 31854695	

Reviewer: hassl, 22-Oct-2012 09:09:17

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D		
Lims ID:	STD1 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:50:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	62068	Lims Sample ID:	31
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:03	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	105139798	0.0461			
2	2	1.652	1.651	0.001	71004501	0.0494			
						RPD = 7.03			
6 PCB-1016									M
1	100	1.588	1.587	0.001	36354352	0.8942		100.0	M
1	2	1.897	1.896	0.001	64408075	0.8961	149.3- 199.3	177.2	
1	3	2.323	2.323	0.000	142796313	0.9200	350.2- 400.2	392.8	
1	4	2.454	2.453	0.001	60751481	0.9423	130.7- 180.7	167.1	
1	5	2.868	2.867	0.001	62498314	0.9211	137.9- 187.9	171.9	
			Average of Peak Amounts =			0.9147			
2	6	2.148	2.147	0.001	20522052	0.9132		100.0	
2	7	2.572	2.571	0.001	43028180	0.9172	176.5- 236.5	209.7	
2	8	3.053	3.054	-0.001	86921748	0.9567	362.5- 422.5	423.6	
2	9	3.200	3.201	-0.001	36030617	0.9306	137.9- 197.9	175.6	
2	10	3.853	3.854	-0.001	34526619	0.9573	118.8- 178.8	168.2	
			Average of Peak Amounts =			0.9350			
						RPD = 2.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	94842713	0.9357		100.0	
1	2	4.468	4.469	-0.001	187849831	0.9363	175.1- 225.1	198.1	
1	3	4.768	4.767	0.001	190365810	0.9516	173.2- 223.2	200.7	
1	4	5.518	5.518	0.000	263611969	0.9698	244.1- 294.1	277.9	
1	5	5.821	5.820	0.001	126153832	0.9768	101.5- 151.5	133.0	
			Average of Peak Amounts =			0.9541			
2	6	5.142	5.141	0.001	63406259	0.9514		100.0	
2	7	5.388	5.389	-0.001	73993635	1.01	86.6- 146.6	116.7	
2	8	5.777	5.776	0.001	113549892	0.9719	142.9- 202.9	179.1	
2	9	6.509	6.509	0.000	141048533	0.99	179.5- 239.5	222.5	
2	10	6.912	6.910	0.002	102225663	0.9817	121.8- 181.8	161.2	
			Average of Peak Amounts =			0.9813			
						RPD = 2.82			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	114326720	0.0490			
2	2	8.224	8.224	0.000	66660683	0.0495			
						RPD = 1.06			

QC Flag Legend

Review Flags
M - Manually Integrated

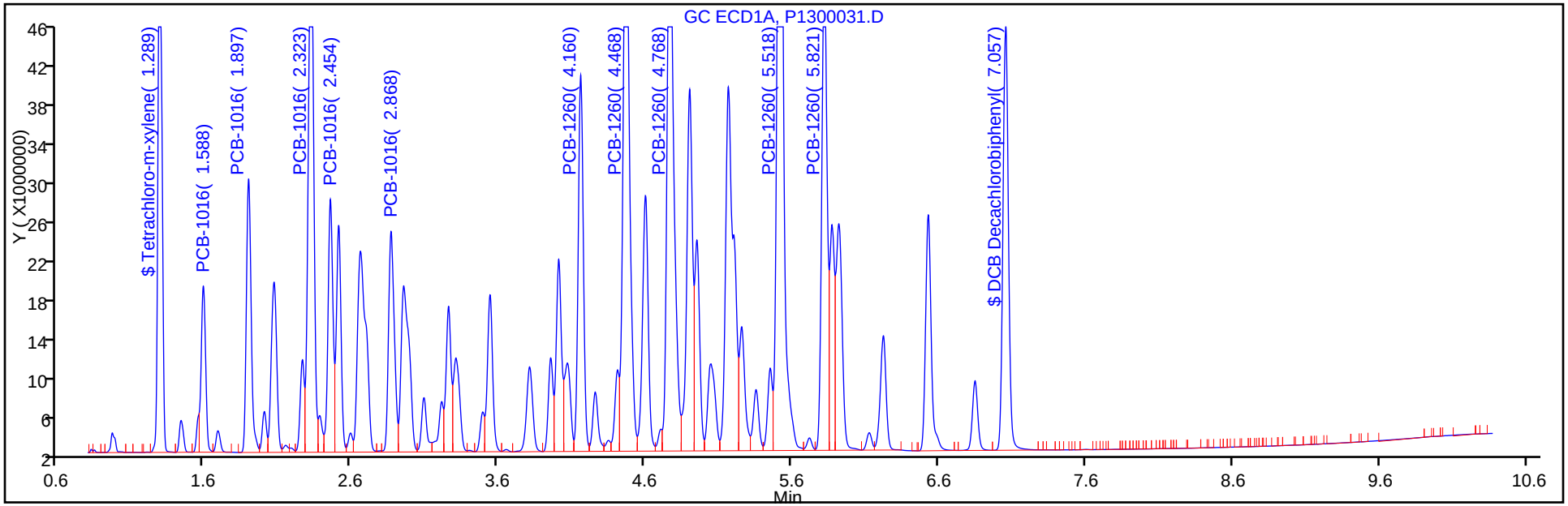
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

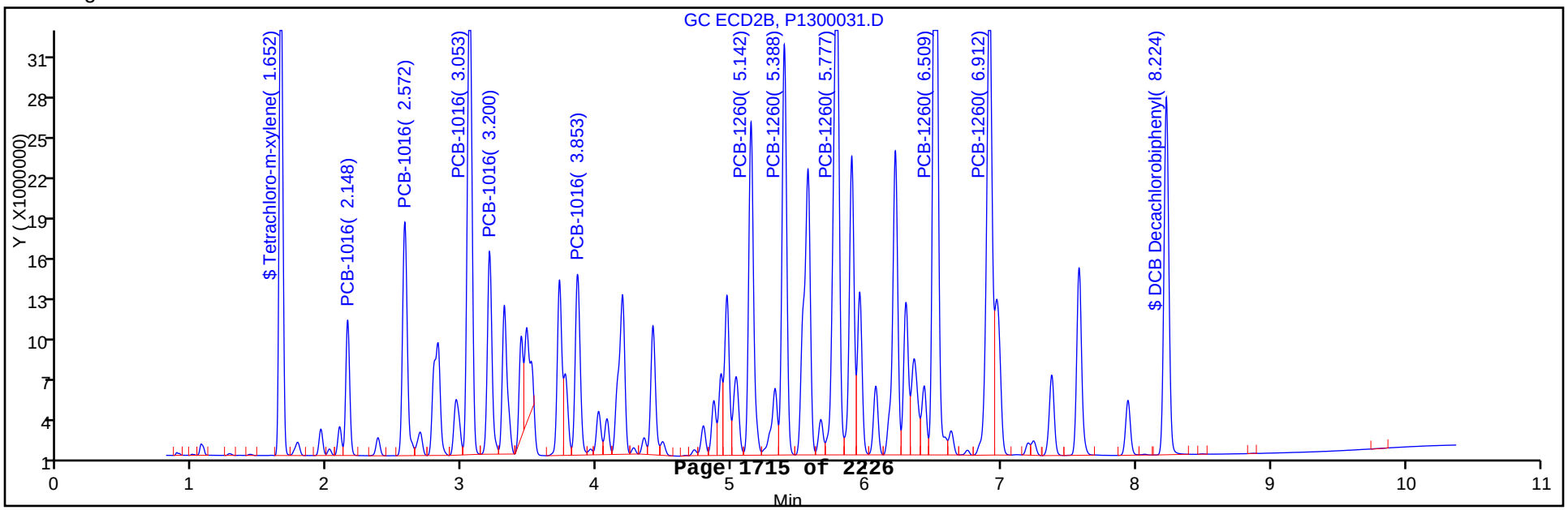
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Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



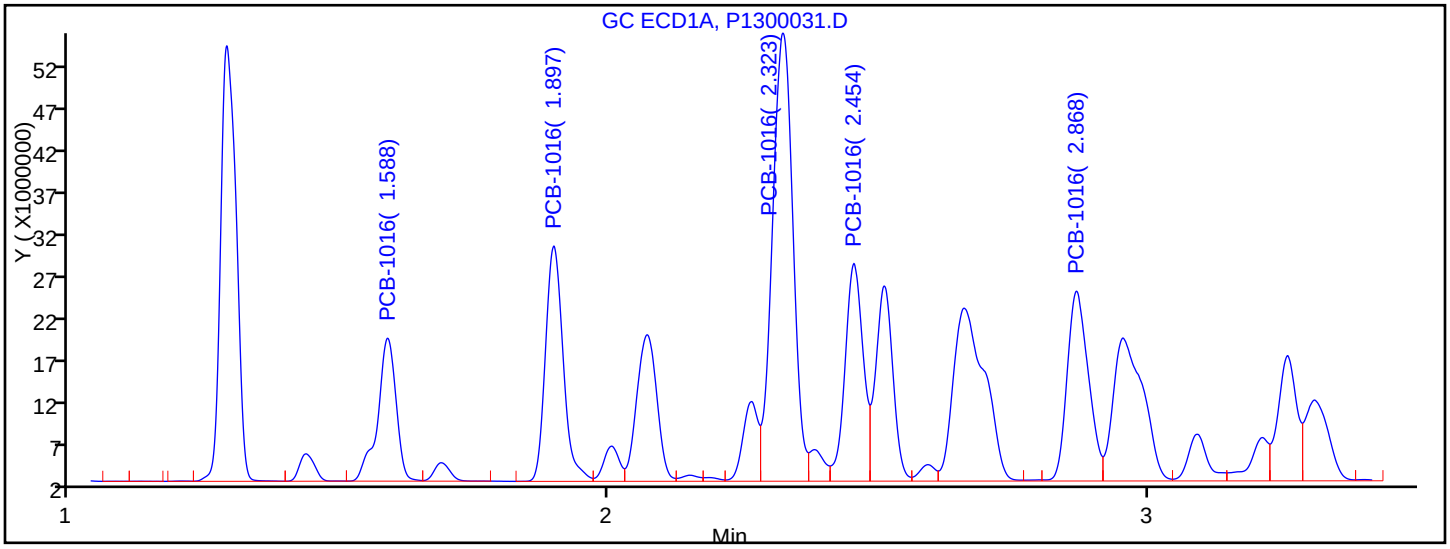
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

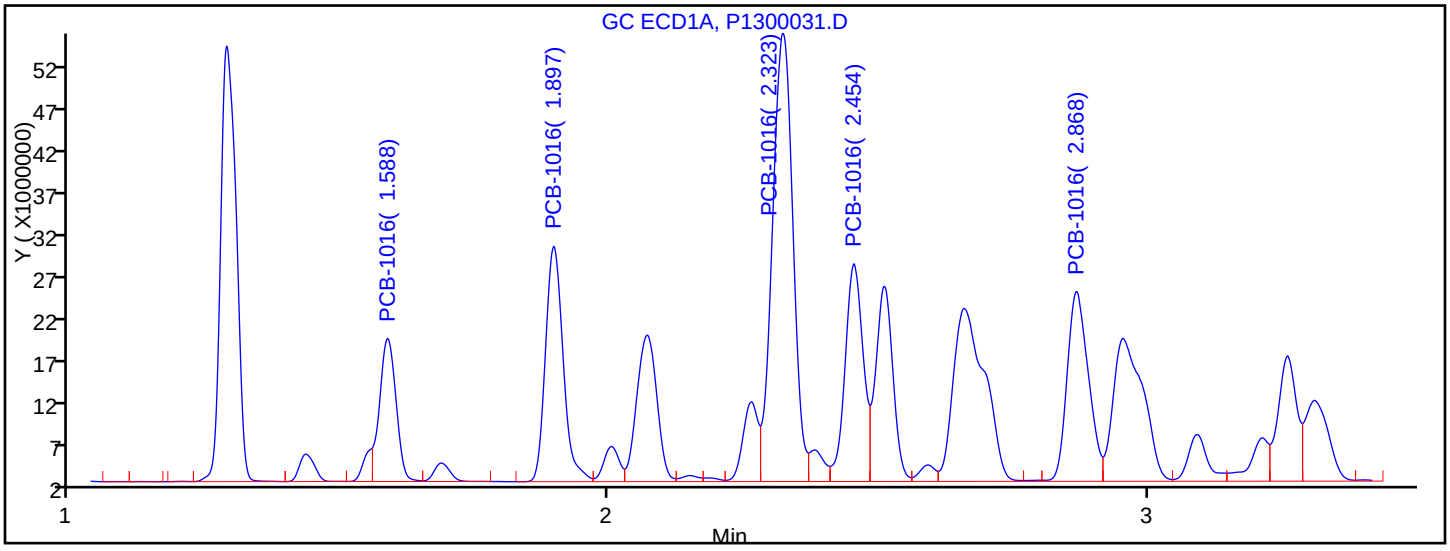
Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.588	Response = 40767713	M
RT = 1.897	Response = 64408075	
RT = 2.323	Response = 142796313	
RT = 2.454	Response = 60751481	
RT = 2.868	Response = 62498314	



Manual Integration Results

RT = 1.588	Response = 36354352	M
RT = 1.897	Response = 64408075	
RT = 2.323	Response = 142796313	
RT = 2.454	Response = 60751481	
RT = 2.868	Response = 62498314	

Reviewer: hassl, 22-Oct-2012 09:09:35

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D		
Lims ID:	STD2 1660	Client ID:	
Inject. Date:	22-Oct-2012 00:05:52	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-032		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	62068	Lims Sample ID:	32
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:01	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	192435742	0.0843			
2	2	1.650	1.651	-0.001	139158982	0.0968			
						RPD = 13.85			
6 PCB-1016									M
1	100	1.586	1.587	-0.001	66066688	1.63		100.0	M
1	2	1.895	1.896	-0.001	118078883	1.64	149.3- 199.3	178.7	
1	3	2.322	2.323	-0.001	266203057	1.72	350.2- 400.2	402.9	
1	4	2.452	2.453	-0.001	115825317	1.80	130.7- 180.7	175.3	
1	5	2.867	2.867	0.000	119184603	1.76	137.9- 187.9	180.4	
			Average of Peak Amounts =			1.71			
2	6	2.147	2.147	0.000	39630464	1.76		100.0	
2	7	2.571	2.571	0.000	82613093	1.76	176.5- 236.5	208.5	
2	8	3.053	3.054	-0.001	169334332	1.86	362.5- 422.5	427.3	
2	9	3.201	3.201	0.000	70483896	1.82	137.9- 197.9	177.9	
2	10	3.853	3.854	-0.001	68540290	1.90	118.8- 178.8	172.9	
			Average of Peak Amounts =			1.82			
						RPD = 6.50			

Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	179720110	1.77		100.0	
1	2	4.469	4.469	0.000	354090911	1.76	175.1- 225.1	197.0	
1	3	4.767	4.767	0.000	359861421	1.80	173.2- 223.2	200.2	
1	4	5.518	5.518	0.000	499797077	1.84	244.1- 294.1	278.1	
1	5	5.820	5.820	0.000	241501643	1.87	101.5- 151.5	134.4	
			Average of Peak Amounts =			1.81			
2	6	5.140	5.141	-0.001	124581130	1.87		100.0	
2	7	5.388	5.389	-0.001	144653625	2.02	86.6- 146.6	116.1	
2	8	5.776	5.776	0.000	222224121	1.90	142.9- 202.9	178.4	
2	9	6.509	6.509	0.000	277091654	1.95	179.5- 239.5	222.4	
2	10	6.911	6.910	0.001	202027569	1.94	121.8- 181.8	162.2	
			Average of Peak Amounts =			1.94			
						RPD = 6.73			
$ 12 DCB Decachlorobiphenyl									
1	100	7.054	7.056	-0.002	223131818	0.0956			
2	2	8.224	8.224	0.000	133427531	0.0991			
						RPD = 3.58			

QC Flag Legend

Review Flags
M - Manually Integrated

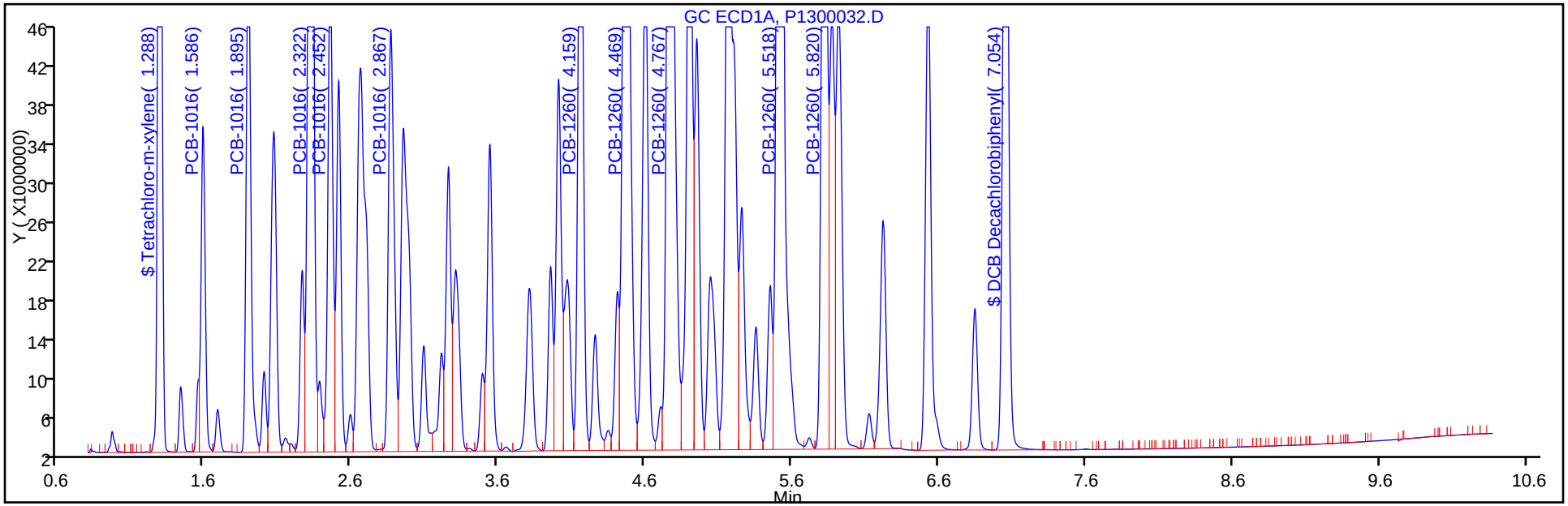
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

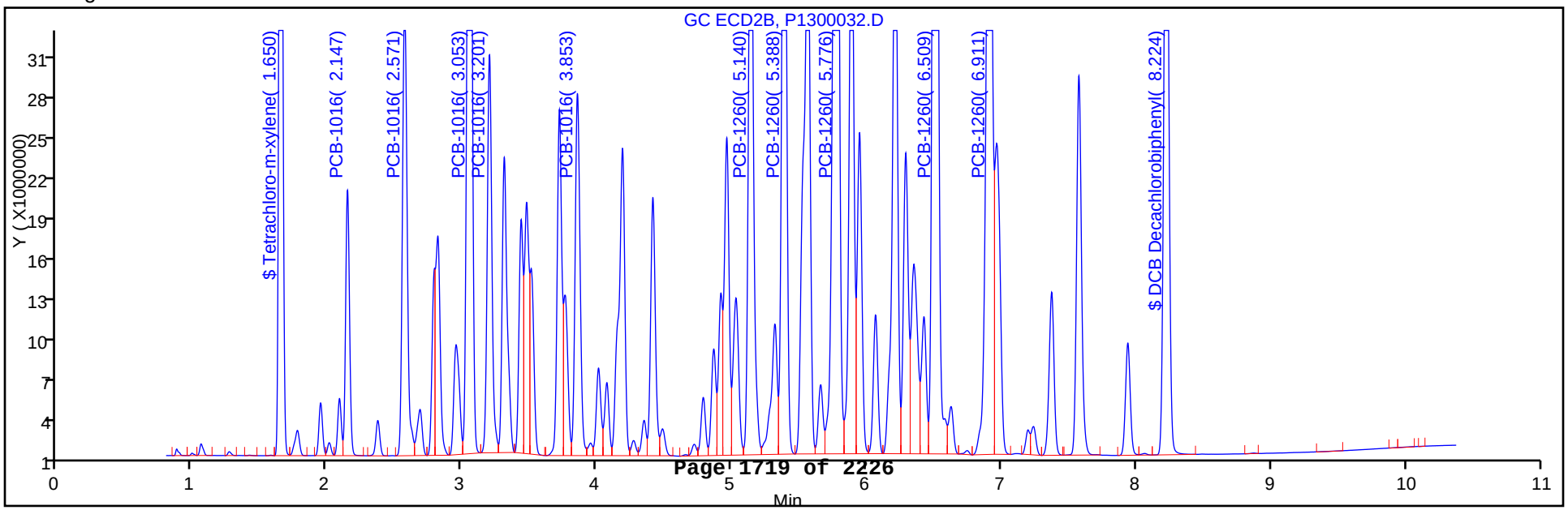
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Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



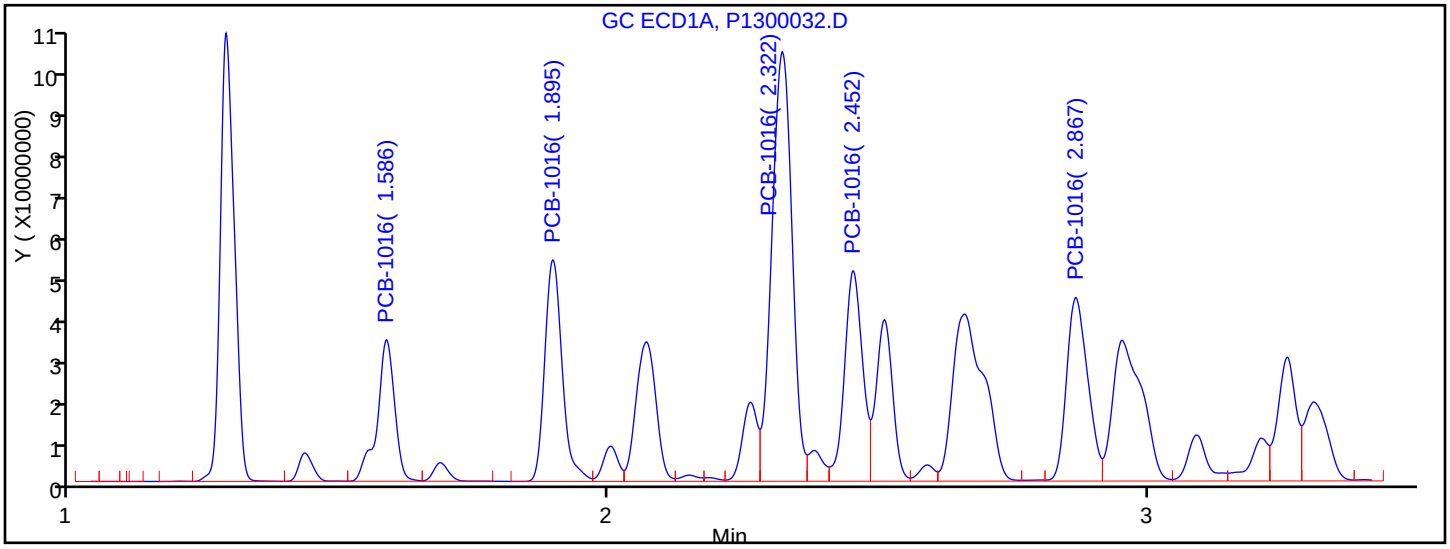
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

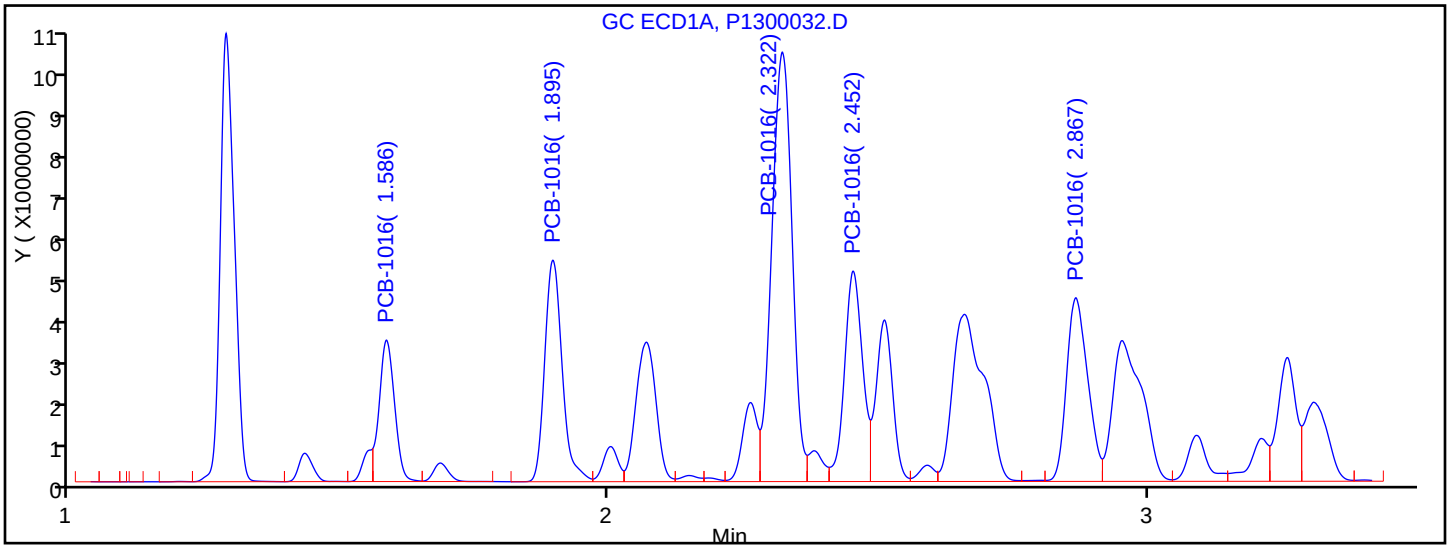
Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 75480118	M
RT = 1.895	Response = 118078883	
RT = 2.322	Response = 266203057	
RT = 2.452	Response = 115825317	
RT = 2.867	Response = 119184603	



Manual Integration Results

RT = 1.586	Response = 66066688	M
RT = 1.895	Response = 118078883	
RT = 2.322	Response = 266203057	
RT = 2.452	Response = 115825317	
RT = 2.867	Response = 119184603	

Reviewer: hassl, 22-Oct-2012 09:09:50

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.147	2.147	2.147	2.147	2.148	2.147					2.097 - 2.197	2.147
PCB-1016 Peak 2	2.571	2.572	2.571	2.571	2.572	2.571					2.521 - 2.621	2.571
PCB-1016 Peak 3	3.052	3.052	3.053	3.054	3.053	3.053					3.004 - 3.104	3.053
PCB-1016 Peak 4	3.200	3.201	3.201	3.201	3.200	3.201					3.151 - 3.251	3.201
PCB-1016 Peak 5	3.854	3.853	3.854	3.854	3.853	3.853					3.804 - 3.904	3.854
PCB-1260 Peak 1	5.141	5.141	5.141	5.141	5.142	5.140					5.091 - 5.191	5.141
PCB-1260 Peak 2	5.386	5.387	5.388	5.389	5.388	5.388					5.339 - 5.439	5.388
PCB-1260 Peak 3	5.777	5.775	5.776	5.776	5.777	5.776					5.726 - 5.826	5.776
PCB-1260 Peak 4	6.508	6.509	6.509	6.509	6.509	6.509					6.459 - 6.559	6.509
PCB-1260 Peak 5	6.910	6.911	6.911	6.910	6.912	6.911					6.860 - 6.960	6.911
Tetrachloro-m-xylene	1.650	1.651	1.651	1.651	1.652	1.650					1.601 - 1.701	1.651
DCB Decachlorobiphenyl	8.223	8.224	8.224	8.224	8.224	8.224					8.174 - 8.274	8.224

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.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								
PCB-1016 Peak 1	26059800 20522052	24360570 19815232	22957755	21125622	Ave		22473505.2				11.0		20.0			
PCB-1016 Peak 2	54323300 43028180	50962630 41306547	47396525	44444882	Ave		46910343.9				11.0		20.0			
PCB-1016 Peak 3	100691080 86921748	95032470 84667166	90118490	87712612	Ave		90857261.0				6.6		20.0			
PCB-1016 Peak 4	44297180 36030617	41513200 35241948	38552015	36664574	Ave		38716589.0				9.1		20.0			
PCB-1016 Peak 5	39109840 34526619	39040640 34270145	34170490	35287418	Ave		36067525.3				6.6		20.0			
PCB-1260 Peak 1	73760440 63406259	69627340 62290565	66930155	63877542	Ave		66648716.8				6.6		20.0			
PCB-1260 Peak 2	155448900 73993635	82551750 72326813	78030805	76644766	Lin1	3060963.51	70191595.6							0.9950		0.9900
PCB-1260 Peak 3	126389440 113549892	121503720 111112061	115721925	112732536	Ave		116834929				5.1		20.0			
PCB-1260 Peak 4	149271480 141048533	144840670 138545827	140233660	139803496	Ave		142290611				2.8		20.0			
PCB-1260 Peak 5	110726520 102225663	107965920 101013785	101604860	101267930	Ave		104134113				4.0		20.0			
Tetrachloro-m-xylene	1504761200 1420090020	1455978400 1391589820	1450444300	1399442840	Ave		1437051097				2.9		20.0			
DCB Decachlorobiphenyl	1436904800 1333213660	1338602600 1334275310	1327828800	1310659640	Ave		1346914135				3.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17467-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.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
PCB-1016 Peak 1	Ave	1302990 39630464	2436057	4591551	10562811	20522052	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	2716165 82613093	5096263	9479305	22222441	43028180	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	5034554 169334332	9503247	18023698	43856306	86921748	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	2214859 70483896	4151320	7710403	18332287	36030617	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	1955492 68540290	3904064	6834098	17643709	34526619	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	3688022 124581130	6962734	13386031	31938771	63406259	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Lin1	7772445 144653625	8255175	15606161	38322383	73993635	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	6319472 222224121	12150372	23144385	56366268	113549892	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	7463574 277091654	14484067	28046732	69901748	141048533	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	5536326 202027569	10796592	20320972	50633965	102225663	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	3761903 139158982	7279892	14504443	34986071	71004501	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	3592262 133427531	6693013	13278288	32766491	66660683	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	21-Oct-2012 22:51:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	62068	Lims Sample ID:	27
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:10	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	6515268	0.002854			
2	2	1.650	1.651	-0.001	3761903	0.002618			
						RPD = 8.63			
6 PCB-1016									M
1	100	1.587	1.587	0.000	2378530	0.0585		100.0	M
1	2	1.896	1.896	0.000	4305568	0.0599	149.3- 199.3	181.0	
1	3	2.322	2.323	-0.001	9025258	0.0581	350.2- 400.2	379.4	
1	4	2.453	2.453	0.000	3599059	0.0558	130.7- 180.7	151.3	
1	5	2.866	2.867	-0.001	4030278	0.0594	137.9- 187.9	169.4	
			Average of Peak Amounts =			0.0584			
2	6	2.147	2.147	0.000	1302990	0.0580		100.0	
2	7	2.571	2.571	0.000	2716165	0.0579	176.5- 236.5	208.5	
2	8	3.052	3.054	-0.002	5034554	0.0554	362.5- 422.5	386.4	
2	9	3.200	3.201	-0.001	2214859	0.0572	137.9- 197.9	170.0	
2	10	3.854	3.854	0.000	1955492	0.0542	118.8- 178.8	150.1	
			Average of Peak Amounts =			0.0565			
						RPD = 3.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	5790356	0.0571		100.0	
1	2	4.468	4.469	-0.001	11359656	0.0566	175.1- 225.1	196.2	
1	3	4.767	4.767	0.000	11034928	0.0552	173.2- 223.2	190.6	
1	4	5.518	5.518	0.000	14474481	0.0533	244.1- 294.1	250.0	
1	5	5.822	5.820	0.002	6832617	0.0529	101.5- 151.5	118.0	
			Average of Peak Amounts =			0.0550			
2	6	5.141	5.141	0.000	3688022	0.0553		100.0	
2	7	5.386	5.389	-0.003	7772445	0.0671	86.6- 146.6	210.7	
2	8	5.777	5.776	0.001	6319472	0.0541	142.9- 202.9	171.4	
2	9	6.508	6.509	-0.001	7463574	0.0525	179.5- 239.5	202.4	
2	10	6.910	6.910	0.000	5536326	0.0532	121.8- 181.8	150.1	
			Average of Peak Amounts =			0.0564			
						RPD = 2.55			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	6277448	0.002689			
2	2	8.223	8.224	-0.001	3592262	0.002667			
						RPD = 0.81			

QC Flag Legend

Review Flags
M - Manually Integrated

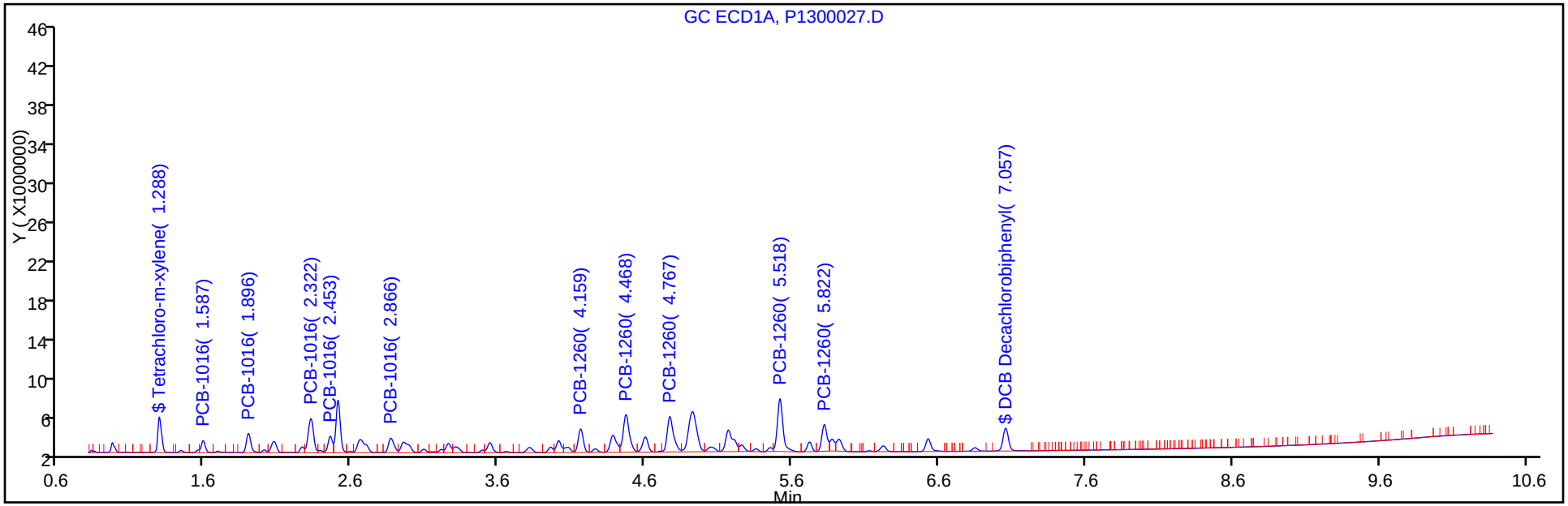
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

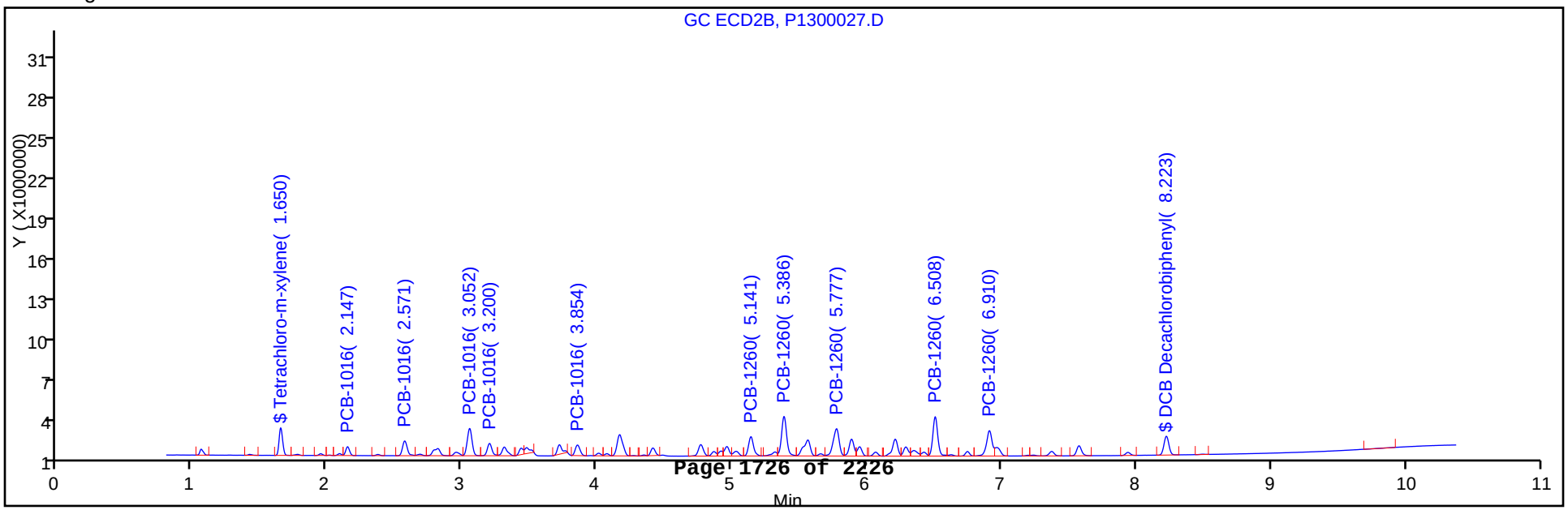
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D
Lims ID: STD01 1660 Client ID:
Inject. Date: 21-Oct-2012 23:06:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-028
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 62068 Lims Sample ID: 28
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:08 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	12350427	0.005410			
2	2	1.651	1.651	0.000	7279892	0.005066			
						RPD = 6.57			
6 PCB-1016									M
1	100	1.587	1.587	0.000	4487962	0.1104		100.0	M
1	2	1.897	1.896	0.001	7991089	0.1112	149.3- 199.3	178.1	
1	3	2.322	2.323	-0.001	16751406	0.1079	350.2- 400.2	373.3	
1	4	2.453	2.453	0.000	6720413	0.1042	130.7- 180.7	149.7	
1	5	2.867	2.867	0.000	7217906	0.1064	137.9- 187.9	160.8	
			Average of Peak Amounts =			0.1080			
2	6	2.147	2.147	0.000	2436057	0.1084		100.0	
2	7	2.572	2.571	0.001	5096263	0.1086	176.5- 236.5	209.2	
2	8	3.052	3.054	-0.002	9503247	0.1046	362.5- 422.5	390.1	
2	9	3.201	3.201	0.000	4151320	0.1072	137.9- 197.9	170.4	
2	10	3.853	3.854	-0.001	3904064	0.1082	118.8- 178.8	160.3	
			Average of Peak Amounts =			0.1074			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.161	4.160	0.001	10778948	0.1063		100.0	
1	2	4.469	4.469	0.000	21526889	0.1073	175.1- 225.1	199.7	
1	3	4.768	4.767	0.001	21160207	0.1058	173.2- 223.2	196.3	
1	4	5.517	5.518	-0.001	28452670	0.1047	244.1- 294.1	264.0	
1	5	5.821	5.820	0.001	13451588	0.1042	101.5- 151.5	124.8	
			Average of Peak Amounts =			0.1057			
2	6	5.141	5.141	0.000	6962734	0.1045		100.0	
2	7	5.387	5.389	-0.002	8255175	0.0740	86.6- 146.6	118.6	
2	8	5.775	5.776	-0.001	12150372	0.1040	142.9- 202.9	174.5	
2	9	6.509	6.509	0.000	14484067	0.1018	179.5- 239.5	208.0	
2	10	6.911	6.910	0.001	10796592	0.1037	121.8- 181.8	155.1	
			Average of Peak Amounts =			0.0976			
						RPD = 7.93			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	11994219	0.005137			
2	2	8.224	8.224	0.000	6693013	0.004969			
						RPD = 3.33			

QC Flag Legend

Review Flags
M - Manually Integrated

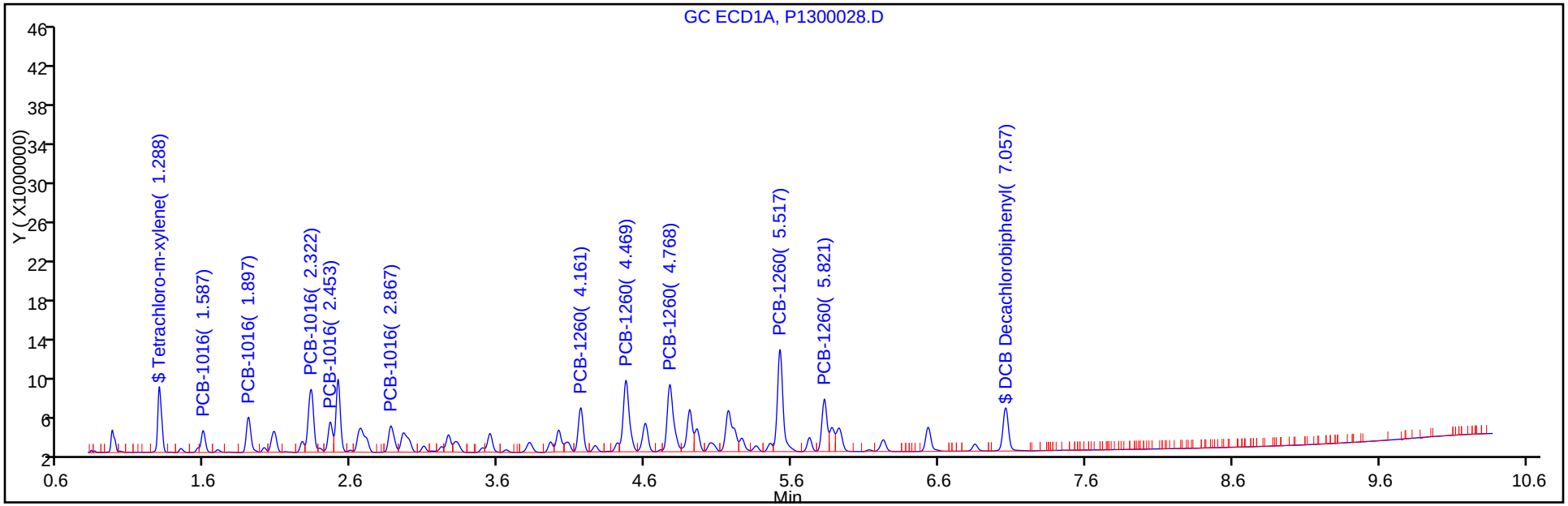
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TestAmerica Canton

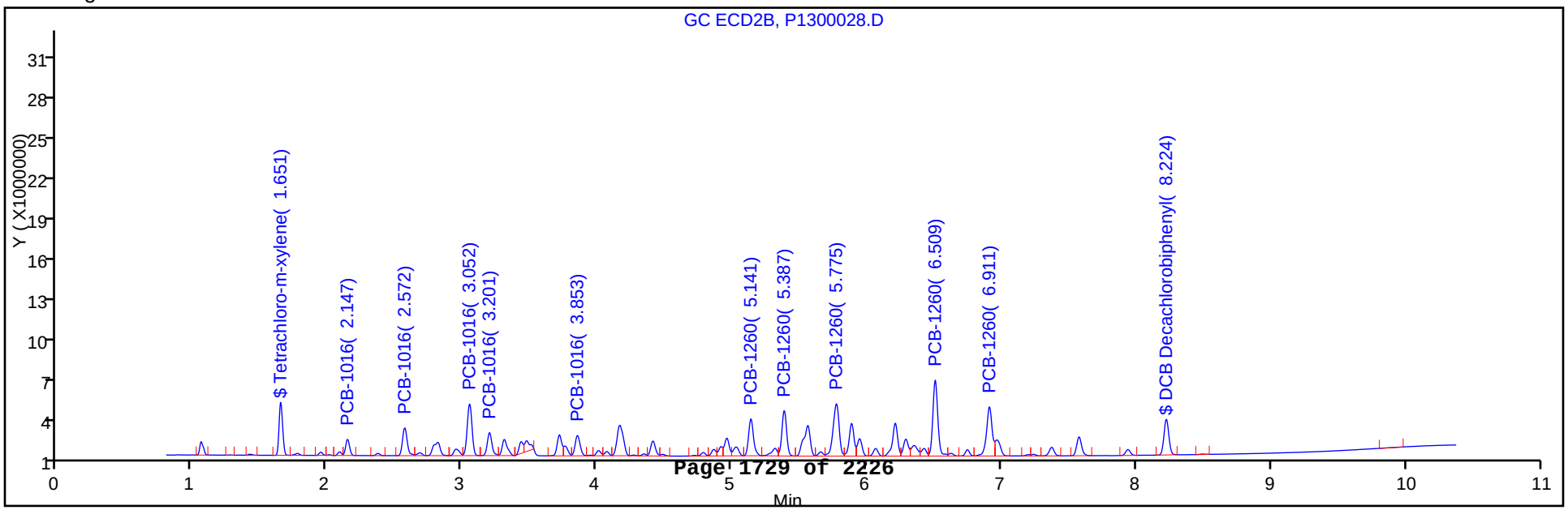
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D		
Lims ID:	STD02 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:21:13	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-029		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	62068	Lims Sample ID:	29
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:06	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	23972590	0.0105			
2	2	1.651	1.651	0.000	14504443	0.0101			
						RPD = 3.96			
6 PCB-1016									M
1	100	1.587	1.587	0.000	8412969	0.2069		100.0	M
1	2	1.896	1.896	0.000	14667607	0.2041	149.3- 199.3	174.3	
1	3	2.322	2.323	-0.001	31562070	0.2033	350.2- 400.2	375.2	
1	4	2.453	2.453	0.000	13101772	0.2032	130.7- 180.7	155.7	
1	5	2.867	2.867	0.000	13702036	0.2019	137.9- 187.9	162.9	
			Average of Peak Amounts =			0.2039			
2	6	2.147	2.147	0.000	4591551	0.2043		100.0	
2	7	2.571	2.571	0.000	9479305	0.2021	176.5- 236.5	206.5	
2	8	3.053	3.054	-0.001	18023698	0.1984	362.5- 422.5	392.5	
2	9	3.201	3.201	0.000	7710403	0.1991	137.9- 197.9	167.9	
2	10	3.854	3.854	0.000	6834098	0.1895	118.8- 178.8	148.8	
			Average of Peak Amounts =			0.1987			
						RPD = 2.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	20334104	0.2006		100.0	
1	2	4.468	4.469	-0.001	40686304	0.2028	175.1- 225.1	200.1	
1	3	4.768	4.767	0.001	40310366	0.2015	173.2- 223.2	198.2	
1	4	5.518	5.518	0.000	54709873	0.2013	244.1- 294.1	269.1	
1	5	5.820	5.820	0.000	25719142	0.1991	101.5- 151.5	126.5	
			Average of Peak Amounts =			0.2011			
2	6	5.141	5.141	0.000	13386031	0.2008		100.0	
2	7	5.388	5.389	-0.001	15606161	0.1787	86.6- 146.6	116.6	
2	8	5.776	5.776	0.000	23144385	0.1981	142.9- 202.9	172.9	
2	9	6.509	6.509	0.000	28046732	0.1971	179.5- 239.5	209.5	
2	10	6.911	6.910	0.001	20320972	0.1951	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.1940			
						RPD = 3.59			
$ 12 DCB Decachlorobiphenyl									
1	100	7.058	7.056	0.002	23149148	0.0099			
2	2	8.224	8.224	0.000	13278288	0.009858			
						RPD = 0.58			

QC Flag Legend

Review Flags
M - Manually Integrated

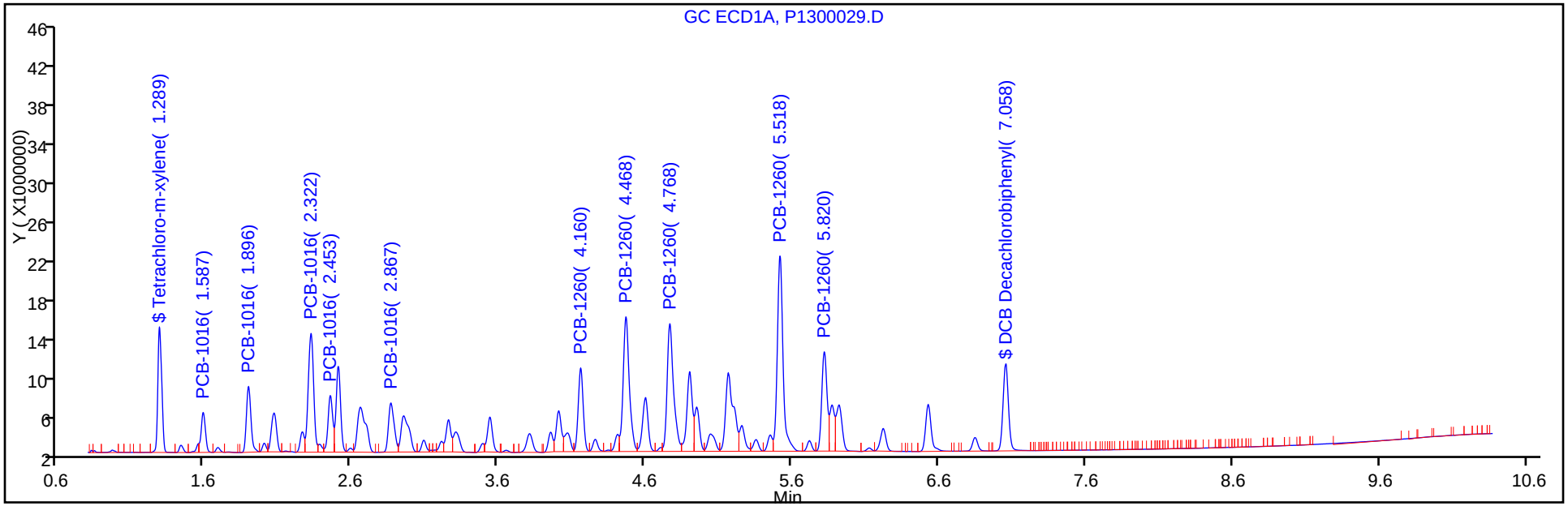
Report Date: 22-Oct-2012 09:18:08 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

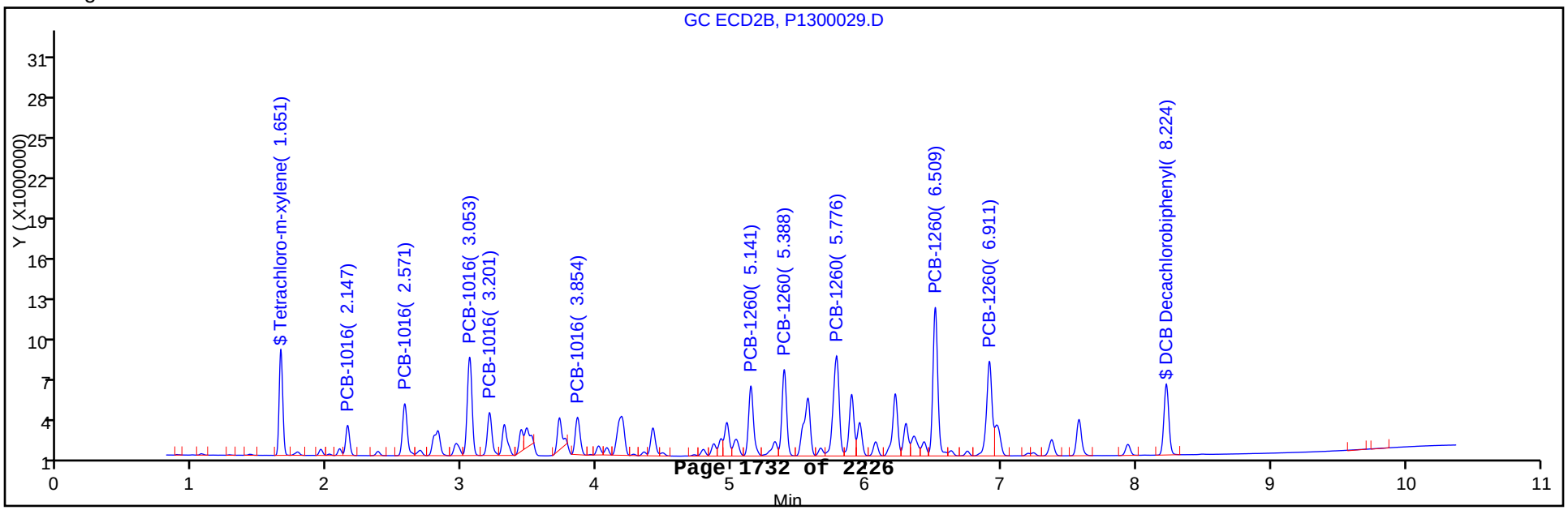
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D		
Lims ID:	STD05 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:36:05	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0014228-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	62068	Lims Sample ID:	30
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:05	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	54915010	0.0241			
2	2	1.651	1.651	0.000	34986071	0.0243			
						RPD = 1.20			
6 PCB-1016									M
1	100	1.587	1.587	0.000	20015250	0.4923		100.0	M
1	2	1.896	1.896	0.000	34227045	0.4762	149.3- 199.3	171.0	
1	3	2.323	2.323	0.000	74790478	0.4818	350.2- 400.2	373.7	
1	4	2.453	2.453	0.000	31738380	0.4923	130.7- 180.7	158.6	
1	5	2.867	2.867	0.000	31854695	0.4695	137.9- 187.9	159.2	
			Average of Peak Amounts =			0.4824			
2	6	2.147	2.147	0.000	10562811	0.4700		100.0	
2	7	2.571	2.571	0.000	22222441	0.4737	176.5- 236.5	210.4	
2	8	3.054	3.054	0.000	43856306	0.4827	362.5- 422.5	415.2	
2	9	3.201	3.201	0.000	18332287	0.4735	137.9- 197.9	173.6	
2	10	3.854	3.854	0.000	17643709	0.4892	118.8- 178.8	167.0	
			Average of Peak Amounts =			0.4778			
						RPD = 0.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	49081976	0.4843		100.0	
1	2	4.469	4.469	0.000	96503363	0.4810	175.1- 225.1	196.6	
1	3	4.767	4.767	0.000	98055137	0.4902	173.2- 223.2	199.8	
1	4	5.518	5.518	0.000	134891779	0.4963	244.1- 294.1	274.8	
1	5	5.820	5.820	0.000	64122168	0.4965	101.5- 151.5	130.6	
			Average of Peak Amounts =			0.4896			
2	6	5.141	5.141	0.000	31938771	0.4792		100.0	
2	7	5.389	5.389	0.000	38322383	0.5024	86.6- 146.6	120.0	
2	8	5.776	5.776	0.000	56366268	0.4824	142.9- 202.9	176.5	
2	9	6.509	6.509	0.000	69901748	0.4913	179.5- 239.5	218.9	
2	10	6.910	6.910	0.000	50633965	0.4862	121.8- 181.8	158.5	
			Average of Peak Amounts =			0.4883			
						RPD = 0.27			
$ 12 DCB Decachlorobiphenyl									
1	100	7.056	7.056	0.000	56634146	0.0243			
2	2	8.224	8.224	0.000	32766491	0.0243			
						RPD = 0.28			

QC Flag Legend

Review Flags
M - Manually Integrated

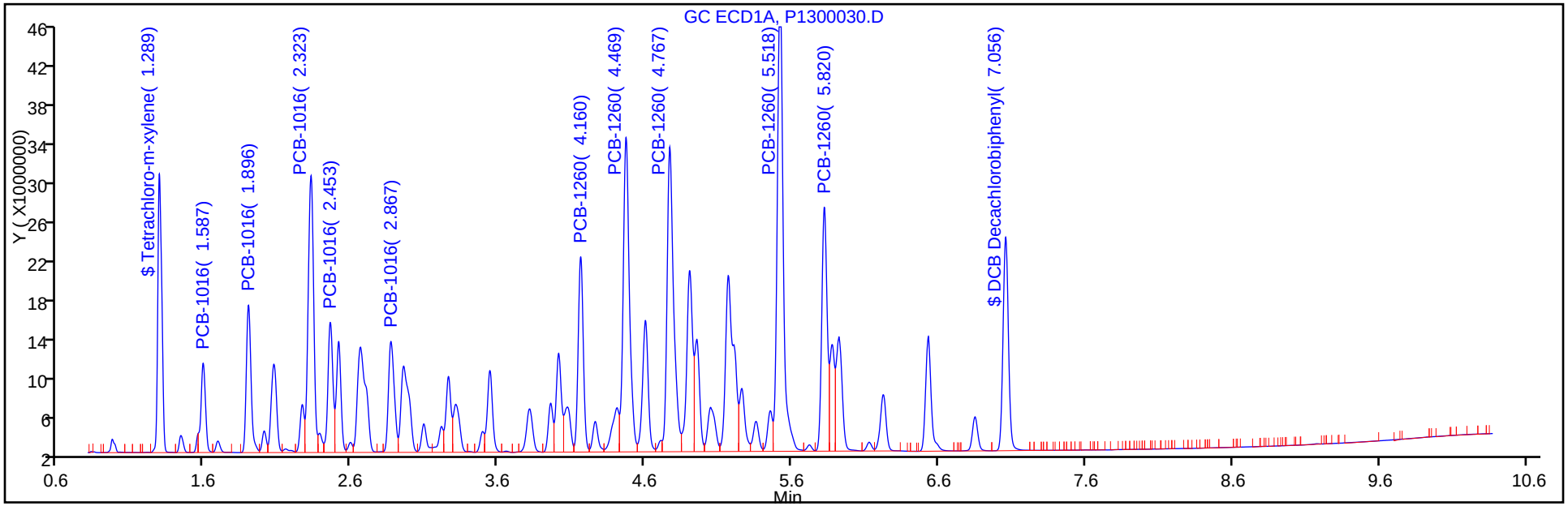
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

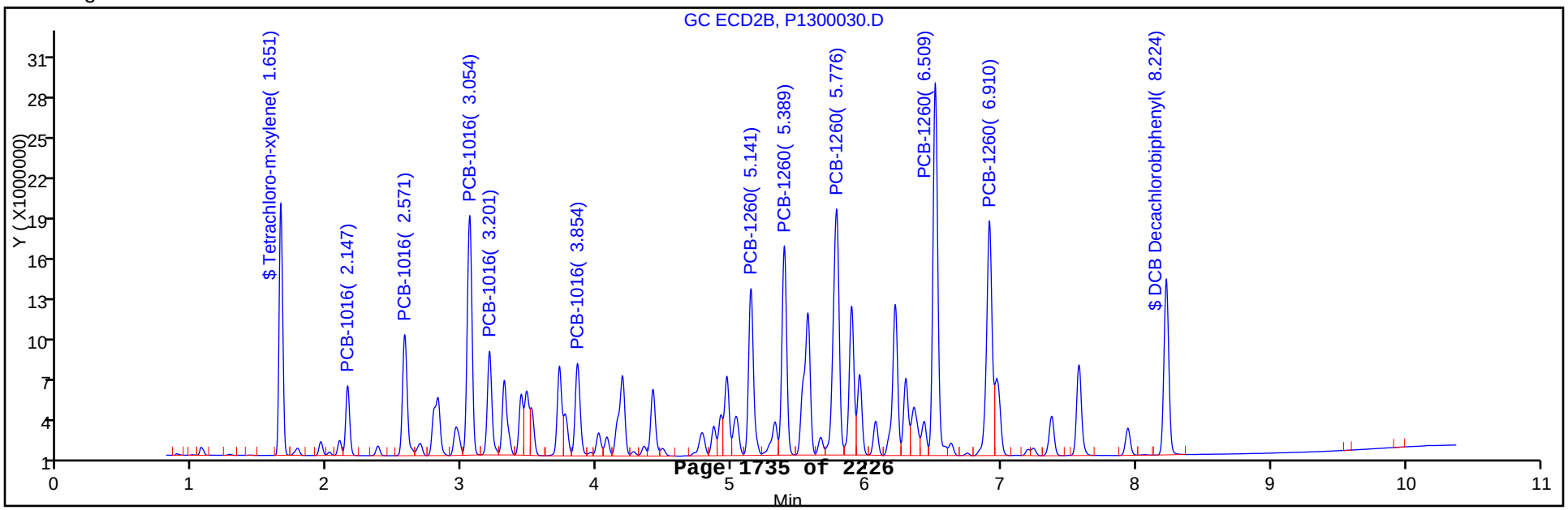
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	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



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D		
Lims ID:	STD1 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:50:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	62068	Lims Sample ID:	31
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:03	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	105139798	0.0461			
2	2	1.652	1.651	0.001	71004501	0.0494			
						RPD = 7.03			
6 PCB-1016									M
1	100	1.588	1.587	0.001	36354352	0.8942		100.0	M
1	2	1.897	1.896	0.001	64408075	0.8961	149.3- 199.3	177.2	
1	3	2.323	2.323	0.000	142796313	0.9200	350.2- 400.2	392.8	
1	4	2.454	2.453	0.001	60751481	0.9423	130.7- 180.7	167.1	
1	5	2.868	2.867	0.001	62498314	0.9211	137.9- 187.9	171.9	
			Average of Peak Amounts =			0.9147			
2	6	2.148	2.147	0.001	20522052	0.9132		100.0	
2	7	2.572	2.571	0.001	43028180	0.9172	176.5- 236.5	209.7	
2	8	3.053	3.054	-0.001	86921748	0.9567	362.5- 422.5	423.6	
2	9	3.200	3.201	-0.001	36030617	0.9306	137.9- 197.9	175.6	
2	10	3.853	3.854	-0.001	34526619	0.9573	118.8- 178.8	168.2	
			Average of Peak Amounts =			0.9350			
						RPD = 2.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	94842713	0.9357		100.0	
1	2	4.468	4.469	-0.001	187849831	0.9363	175.1- 225.1	198.1	
1	3	4.768	4.767	0.001	190365810	0.9516	173.2- 223.2	200.7	
1	4	5.518	5.518	0.000	263611969	0.9698	244.1- 294.1	277.9	
1	5	5.821	5.820	0.001	126153832	0.9768	101.5- 151.5	133.0	
			Average of Peak Amounts =			0.9541			
2	6	5.142	5.141	0.001	63406259	0.9514		100.0	
2	7	5.388	5.389	-0.001	73993635	1.01	86.6- 146.6	116.7	
2	8	5.777	5.776	0.001	113549892	0.9719	142.9- 202.9	179.1	
2	9	6.509	6.509	0.000	141048533	0.99	179.5- 239.5	222.5	
2	10	6.912	6.910	0.002	102225663	0.9817	121.8- 181.8	161.2	
			Average of Peak Amounts =			0.9813			
						RPD = 2.82			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	114326720	0.0490			
2	2	8.224	8.224	0.000	66660683	0.0495			
						RPD = 1.06			

QC Flag Legend

Review Flags
M - Manually Integrated

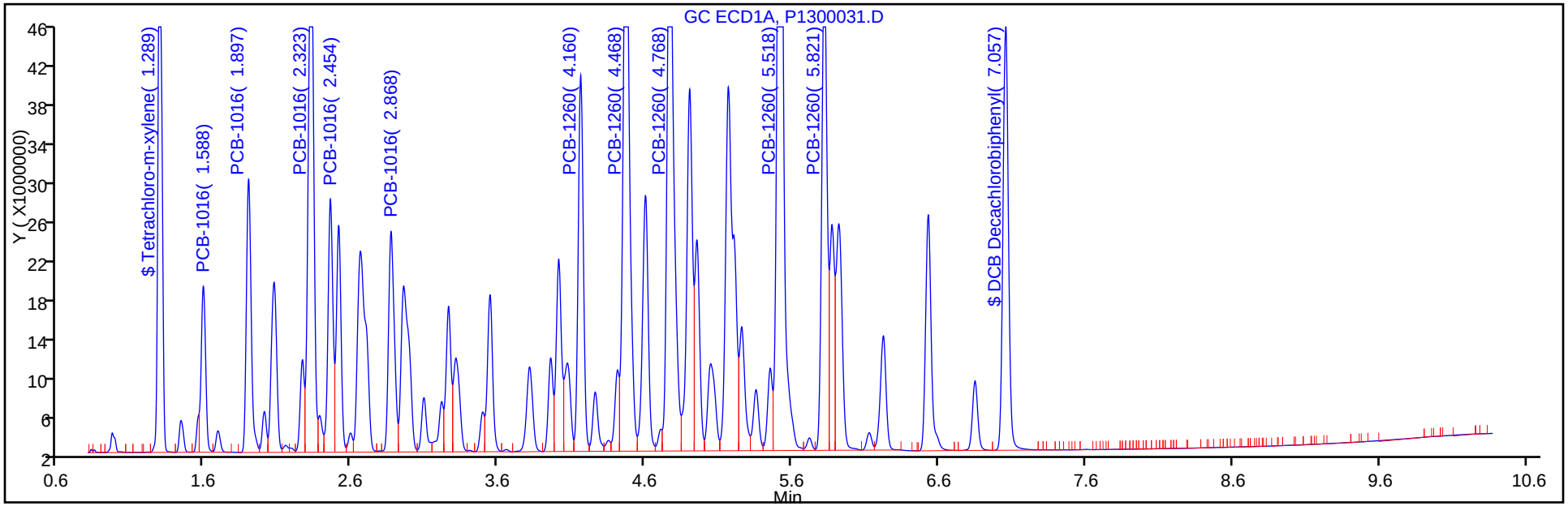
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

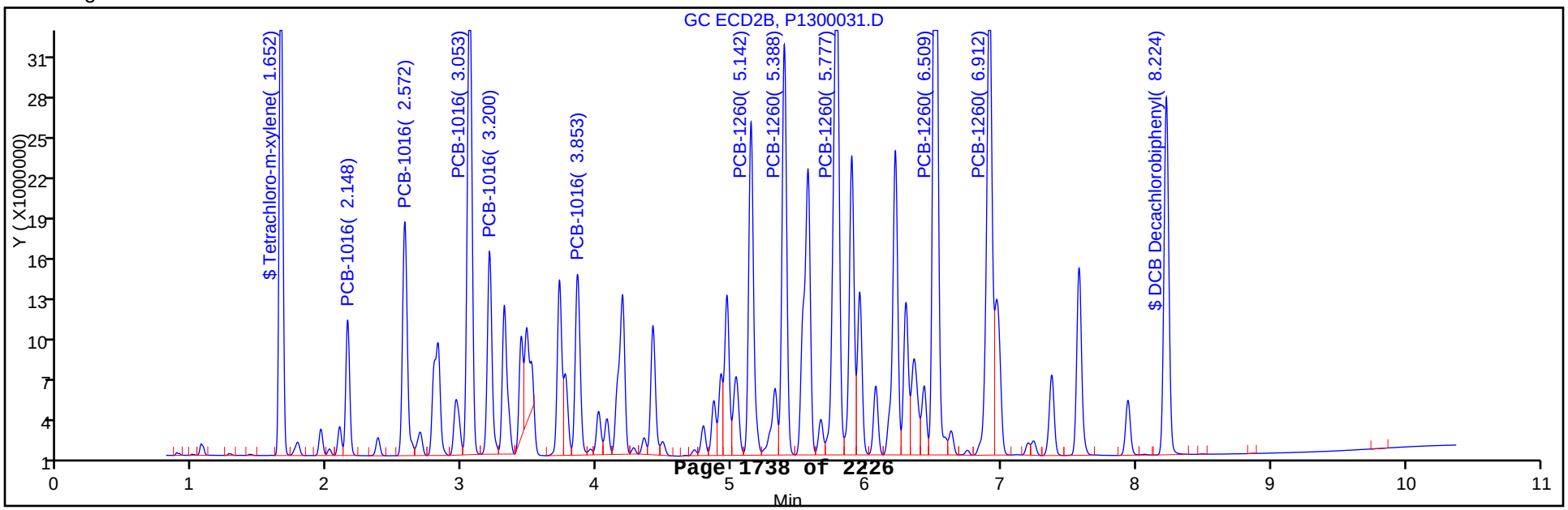
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Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D		
Lims ID:	STD2 1660	Client ID:	
Inject. Date:	22-Oct-2012 00:05:52	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-032		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	62068	Lims Sample ID:	32
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:01	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:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	192435742	0.0843			
2	2	1.650	1.651	-0.001	139158982	0.0968			
						RPD = 13.85			
6 PCB-1016									M
1	100	1.586	1.587	-0.001	66066688	1.63		100.0	M
1	2	1.895	1.896	-0.001	118078883	1.64	149.3- 199.3	178.7	
1	3	2.322	2.323	-0.001	266203057	1.72	350.2- 400.2	402.9	
1	4	2.452	2.453	-0.001	115825317	1.80	130.7- 180.7	175.3	
1	5	2.867	2.867	0.000	119184603	1.76	137.9- 187.9	180.4	
			Average of Peak Amounts =			1.71			
2	6	2.147	2.147	0.000	39630464	1.76		100.0	
2	7	2.571	2.571	0.000	82613093	1.76	176.5- 236.5	208.5	
2	8	3.053	3.054	-0.001	169334332	1.86	362.5- 422.5	427.3	
2	9	3.201	3.201	0.000	70483896	1.82	137.9- 197.9	177.9	
2	10	3.853	3.854	-0.001	68540290	1.90	118.8- 178.8	172.9	
			Average of Peak Amounts =			1.82			
						RPD = 6.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	179720110	1.77		100.0	
1	2	4.469	4.469	0.000	354090911	1.76	175.1- 225.1	197.0	
1	3	4.767	4.767	0.000	359861421	1.80	173.2- 223.2	200.2	
1	4	5.518	5.518	0.000	499797077	1.84	244.1- 294.1	278.1	
1	5	5.820	5.820	0.000	241501643	1.87	101.5- 151.5	134.4	
			Average of Peak Amounts =			1.81			
2	6	5.140	5.141	-0.001	124581130	1.87		100.0	
2	7	5.388	5.389	-0.001	144653625	2.02	86.6- 146.6	116.1	
2	8	5.776	5.776	0.000	222224121	1.90	142.9- 202.9	178.4	
2	9	6.509	6.509	0.000	277091654	1.95	179.5- 239.5	222.4	
2	10	6.911	6.910	0.001	202027569	1.94	121.8- 181.8	162.2	
			Average of Peak Amounts =			1.94			
						RPD = 6.73			
$ 12 DCB Decachlorobiphenyl									
1	100	7.054	7.056	-0.002	223131818	0.0956			
2	2	8.224	8.224	0.000	133427531	0.0991			
						RPD = 3.58			

QC Flag Legend

Review Flags
M - Manually Integrated

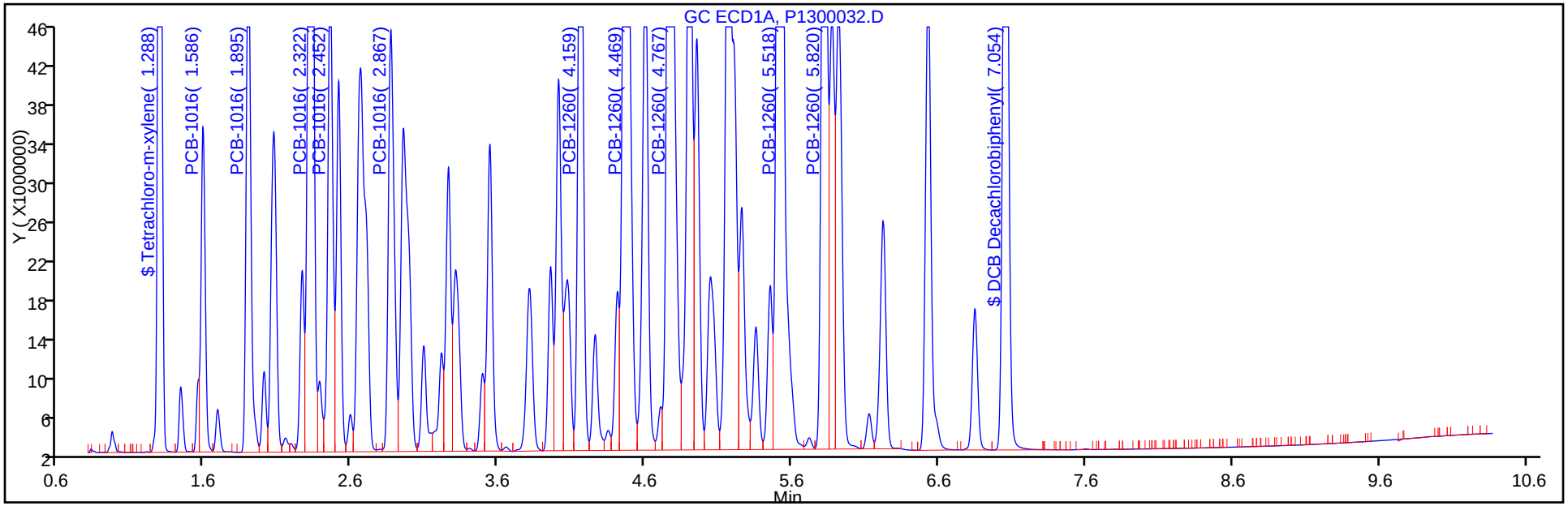
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

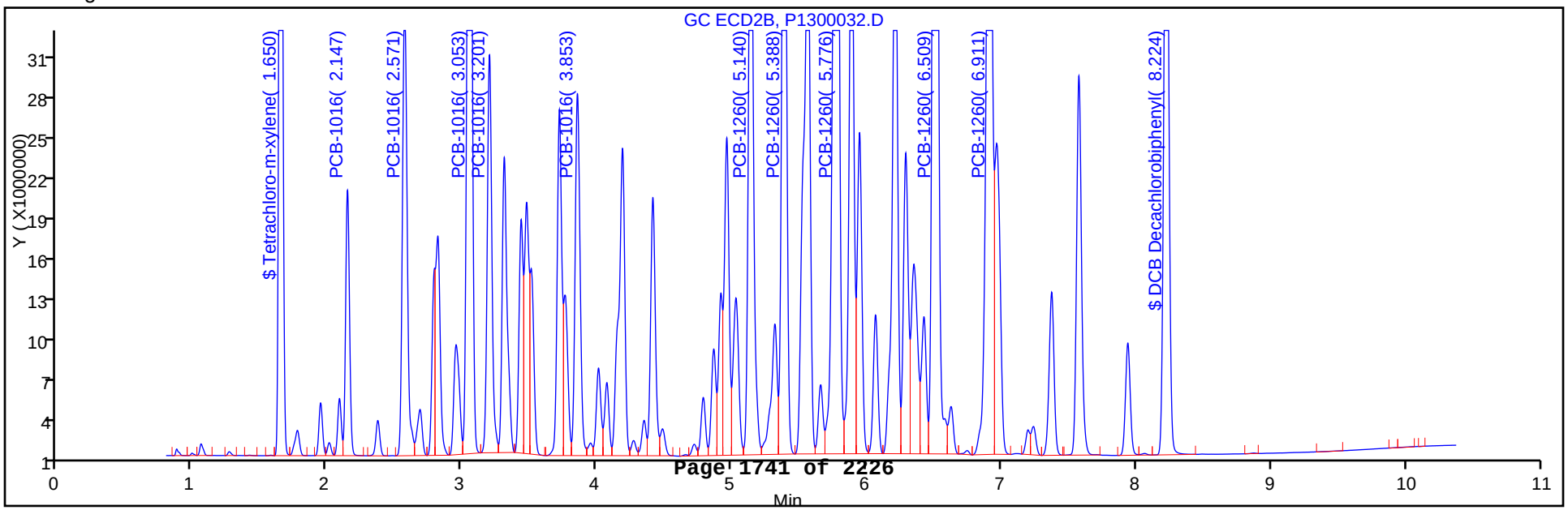
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Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	21610860	20320734		0.940	1.00	-6.0	20.0
PCB-1221 Peak 2	Qua		7360657		0.960	1.00	-4.0	20.0
PCB-1221 Peak 3	Ave	56991135	50457393		0.885	1.00	-11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.44	1.39	1.49
PCB-1221 Peak 2	1.56	1.50	1.60
PCB-1221 Peak 3	1.59	1.54	1.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 22-Oct-2012 03:19:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-045
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 62068 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:20:04 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:10:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	20320734	0.9403		100.0	
1	3	1.557	1.554	0.003	7360657	0.9603	25.0- 75.0	36.2	M
1	4	1.587	1.586	0.001	50457393	0.8854	233.2- 283.2	248.3	M
			Average of Peak Amounts =			0.9286			
2	4	1.947	1.948	-0.001	12351132	0.9324		100.0	
2	5	2.087	2.088	-0.001	8147286	0.9273	37.0- 97.0	66.0	
2	6	2.147	2.148	-0.001	29820772	0.9386	210.7- 270.7	241.4	
			Average of Peak Amounts =			0.9328			
						RPD = 0.44			

QC Flag Legend

Review Flags
M - Manually Integrated

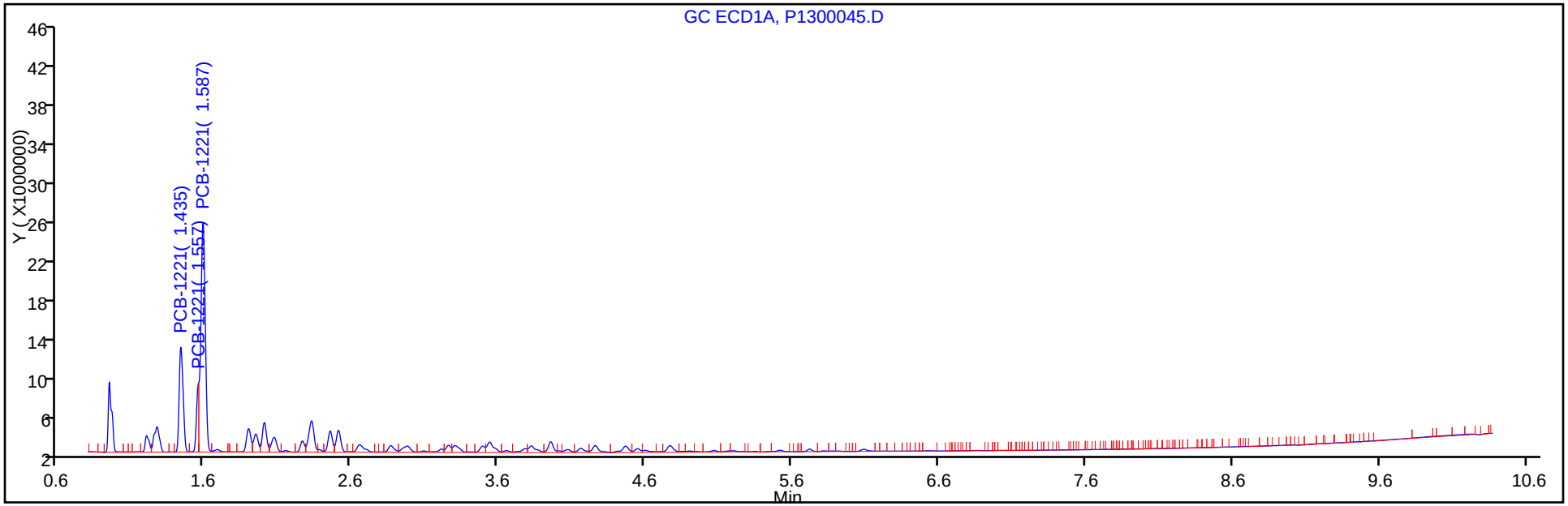
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

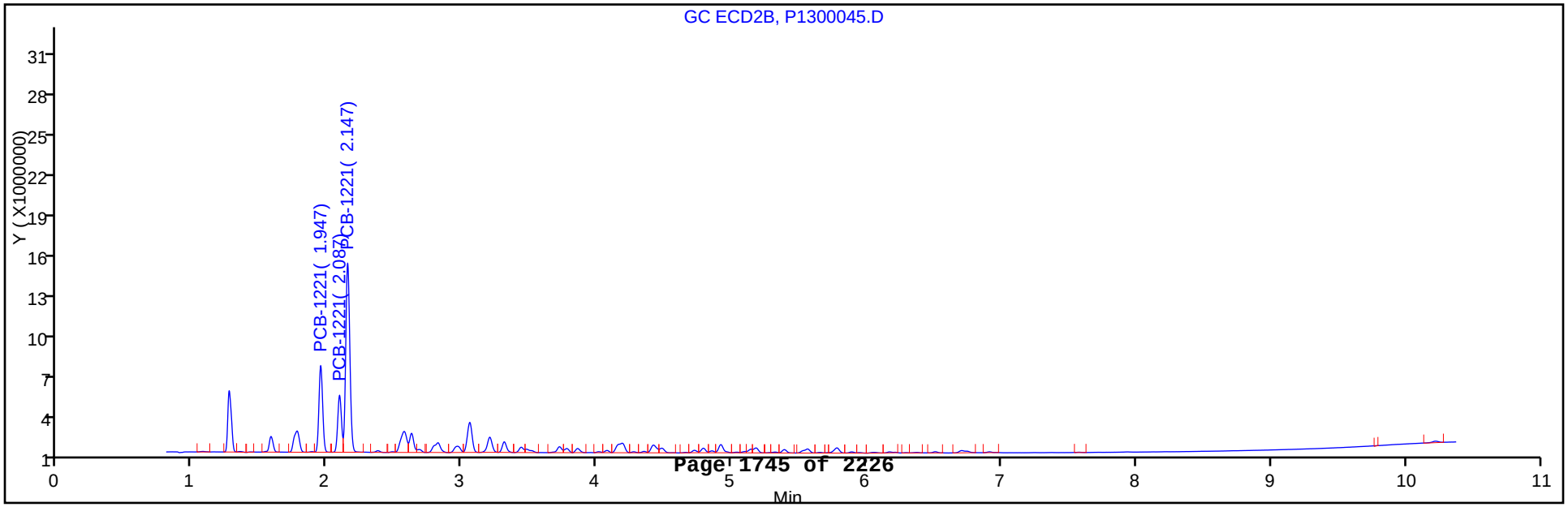
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
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



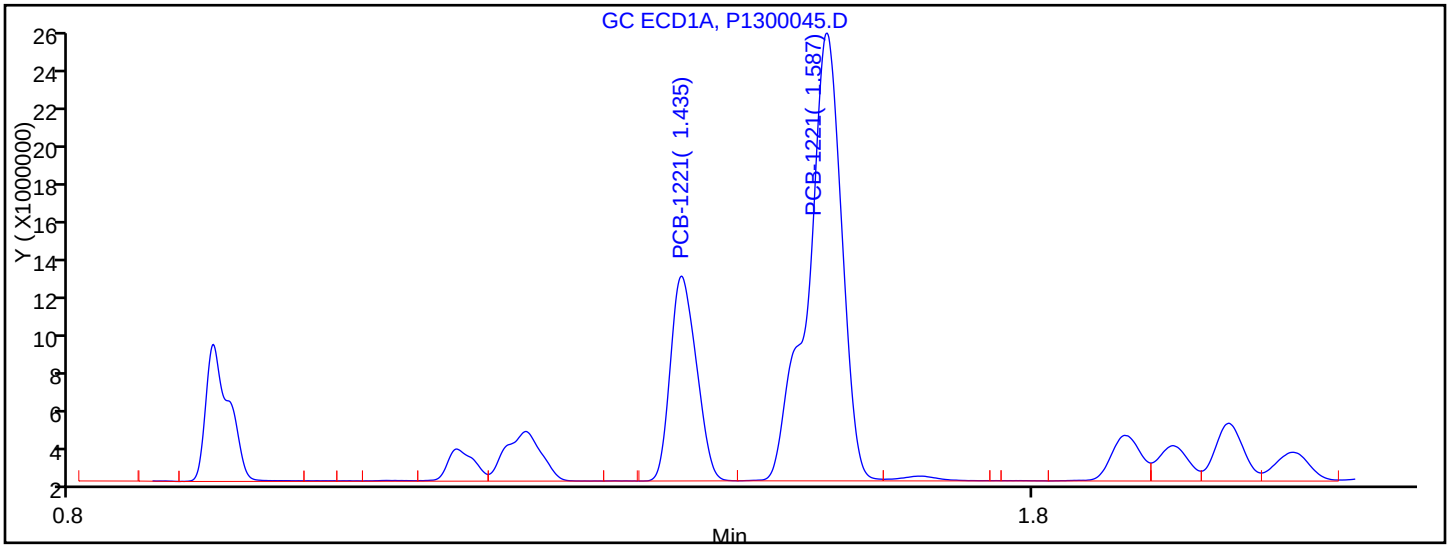
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

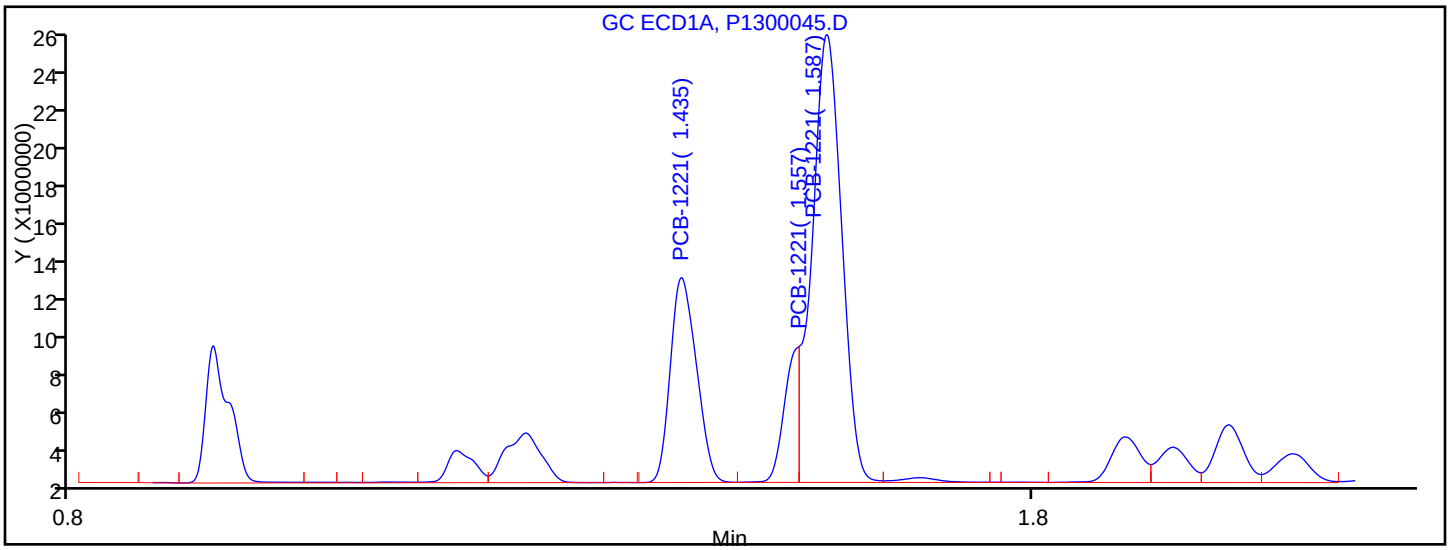
Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 20320734	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 57818081	M



Manual Integration Results

RT = 1.435	Response = 20320734	
RT = 1.557	Response = 7360657	M
RT = 1.587	Response = 50457393	M

Reviewer: hassl, 22-Oct-2012 09:10:49

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	13246658	12351132		0.932	1.00	-6.8	20.0
PCB-1221 Peak 2	Ave	8785681	8147286		0.927	1.00	-7.3	20.0
PCB-1221 Peak 3	Ave	31772831	29820772		0.939	1.00	-6.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.95	1.90	2.00
PCB-1221 Peak 2	2.09	2.04	2.14
PCB-1221 Peak 3	2.15	2.10	2.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 22-Oct-2012 03:19:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-045
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 62068 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:20:04 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:10:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	20320734	0.9403		100.0	
1	3	1.557	1.554	0.003	7360657	0.9603	25.0- 75.0	36.2	M
1	4	1.587	1.586	0.001	50457393	0.8854	233.2- 283.2	248.3	M
			Average of Peak Amounts =			0.9286			
2	4	1.947	1.948	-0.001	12351132	0.9324		100.0	
2	5	2.087	2.088	-0.001	8147286	0.9273	37.0- 97.0	66.0	
2	6	2.147	2.148	-0.001	29820772	0.9386	210.7- 270.7	241.4	
			Average of Peak Amounts =			0.9328			
						RPD = 0.44			

QC Flag Legend

Review Flags
M - Manually Integrated

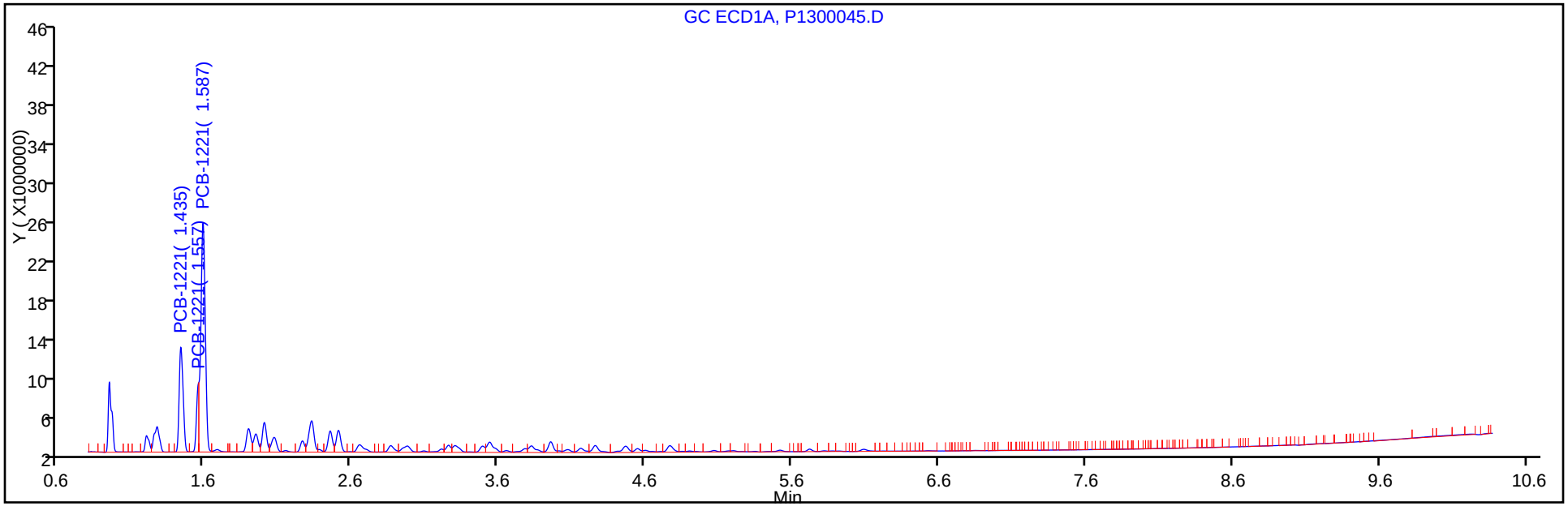
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

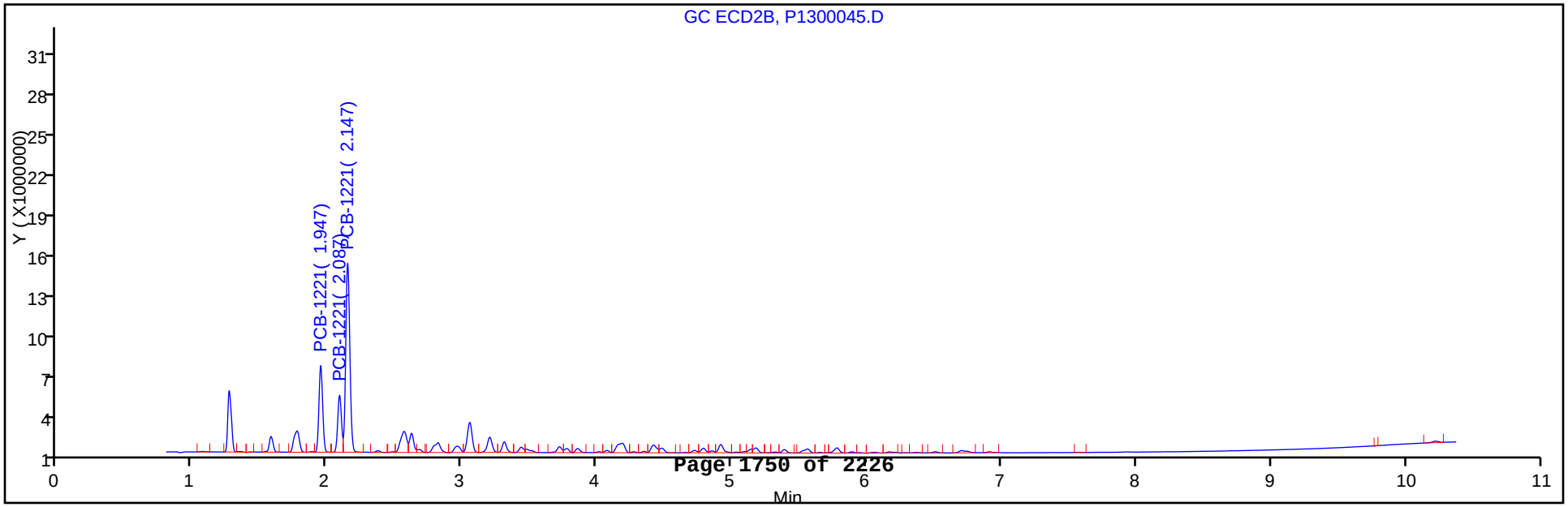
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	43047684	42447096		0.986	1.00	-1.4	20.0
PCB-1232 Peak 2	Ave	35621771	36739191		1.03	1.00	3.1	20.0
PCB-1232 Peak 3	Ave	71317840	70927508		0.995	1.00	-0.5	20.0
PCB-1232 Peak 4	Ave	27280514	32224604		1.18	1.00	18.1	20.0
PCB-1232 Peak 5	Ave	29221734	31581550		1.08	1.00	8.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	1.59	1.54	1.64
PCB-1232 Peak 2	1.90	1.85	1.95
PCB-1232 Peak 3	2.32	2.27	2.37
PCB-1232 Peak 4	2.45	2.41	2.51
PCB-1232 Peak 5	2.87	2.82	2.92

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 22-Oct-2012 03:34:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-046
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 62068 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	42447096	0.9860		100.0	M
1	2	1.896	1.898	-0.002	36739191	1.03	57.1- 107.1	86.6	
1	3	2.324	2.323	0.001	70927508	0.99	143.5- 193.5	167.1	
1	4	2.453	2.455	-0.002	32224604	1.18	40.1- 90.1	75.9	
1	5	2.866	2.867	-0.001	31581550	1.08	41.3- 91.3	74.4	
			Average of Peak Amounts =			1.05			
2	6	2.147	2.148	-0.001	25949740	1.07		100.0	
2	7	2.571	2.573	-0.002	25300266	1.08	67.8- 127.8	97.5	
2	8	3.053	3.054	-0.001	45166344	1.11	132.2- 192.2	174.1	
2	9	3.200	3.201	-0.001	18873718	1.08	40.5- 100.5	72.7	
2	10	3.854	3.854	0.000	16323452	1.10	30.2- 90.2	62.9	
			Average of Peak Amounts =			1.09			
						RPD = 3.05			

QC Flag Legend

Review Flags
M - Manually Integrated

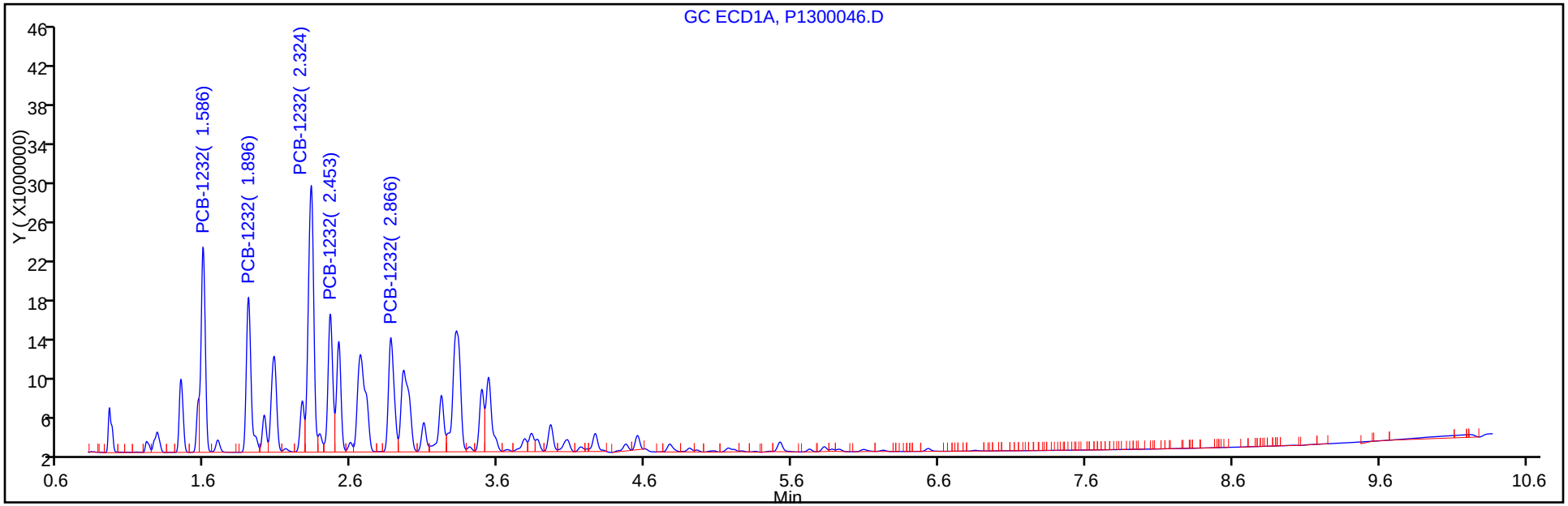
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

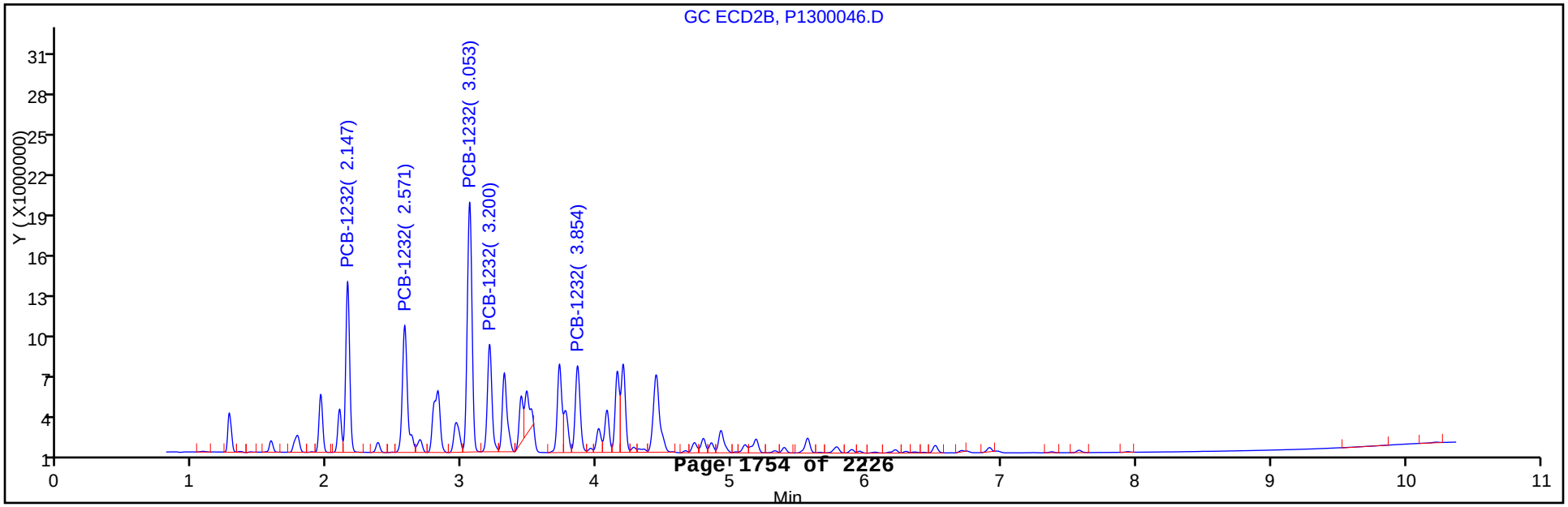
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
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



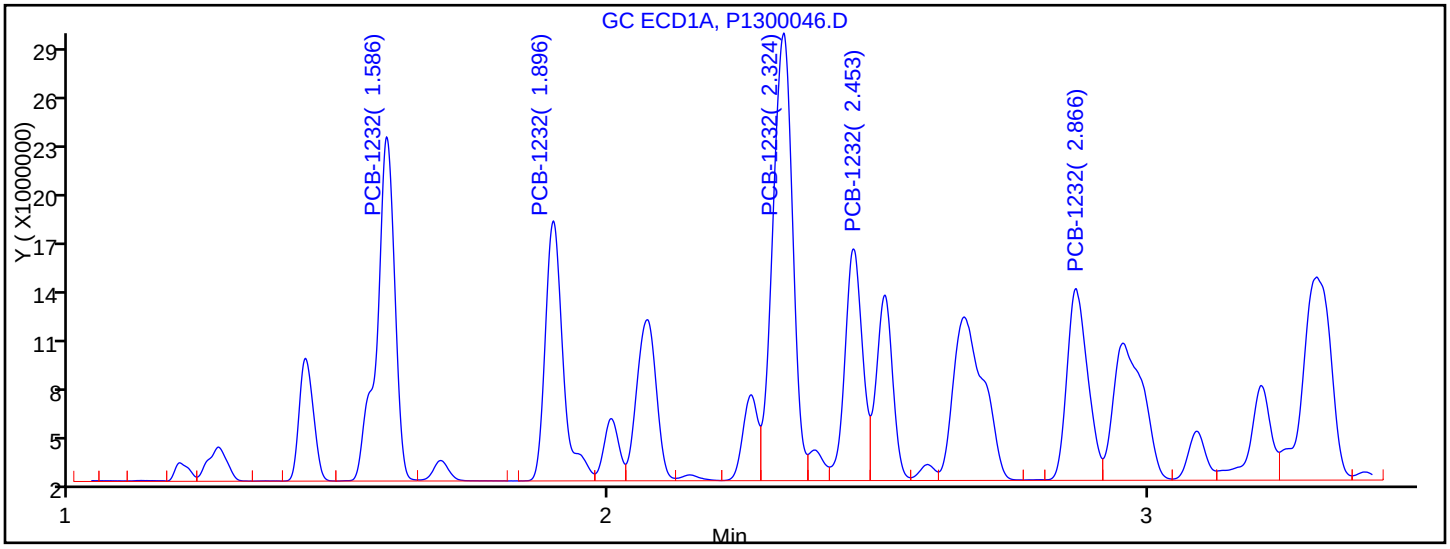
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

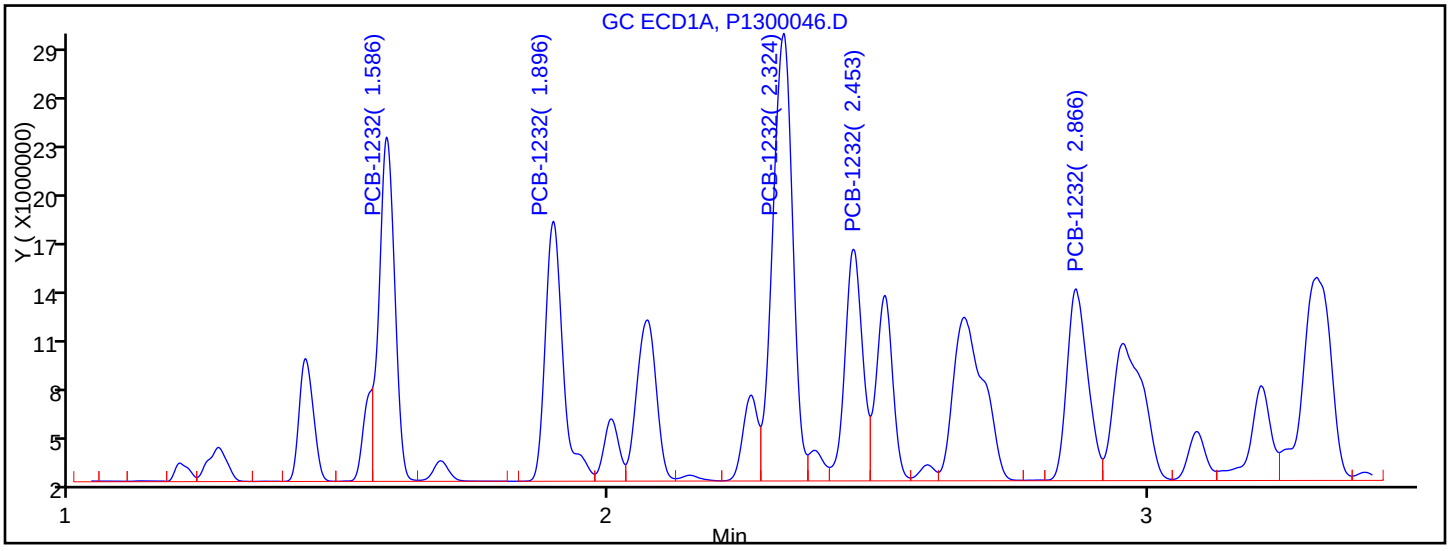
Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 48960234	M
RT = 1.896	Response = 36739191	
RT = 2.324	Response = 70927508	
RT = 2.453	Response = 32224604	
RT = 2.866	Response = 31581550	



Manual Integration Results

RT = 1.586	Response = 42447096	M
RT = 1.896	Response = 36739191	
RT = 2.324	Response = 70927508	
RT = 2.453	Response = 32224604	
RT = 2.866	Response = 31581550	

Reviewer: hassl, 22-Oct-2012 09:16:14

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	24300815	25949740		1.07	1.00	6.8	20.0
PCB-1232 Peak 2	Ave	23466837	25300266		1.08	1.00	7.8	20.0
PCB-1232 Peak 3	Ave	40526397	45166344		1.11	1.00	11.4	20.0
PCB-1232 Peak 4	Ave	17512364	18873718		1.08	1.00	7.8	20.0
PCB-1232 Peak 5	Ave	14852933	16323452		1.10	1.00	9.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.15	2.10	2.20
PCB-1232 Peak 2	2.57	2.52	2.62
PCB-1232 Peak 3	3.05	3.00	3.10
PCB-1232 Peak 4	3.20	3.15	3.25
PCB-1232 Peak 5	3.85	3.80	3.90

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 22-Oct-2012 03:34:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-046
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 62068 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	42447096	0.9860		100.0	M
1	2	1.896	1.898	-0.002	36739191	1.03	57.1- 107.1	86.6	
1	3	2.324	2.323	0.001	70927508	0.99	143.5- 193.5	167.1	
1	4	2.453	2.455	-0.002	32224604	1.18	40.1- 90.1	75.9	
1	5	2.866	2.867	-0.001	31581550	1.08	41.3- 91.3	74.4	
			Average of Peak Amounts =			1.05			
2	6	2.147	2.148	-0.001	25949740	1.07		100.0	
2	7	2.571	2.573	-0.002	25300266	1.08	67.8- 127.8	97.5	
2	8	3.053	3.054	-0.001	45166344	1.11	132.2- 192.2	174.1	
2	9	3.200	3.201	-0.001	18873718	1.08	40.5- 100.5	72.7	
2	10	3.854	3.854	0.000	16323452	1.10	30.2- 90.2	62.9	
			Average of Peak Amounts =			1.09			
						RPD = 3.05			

QC Flag Legend

Review Flags
M - Manually Integrated

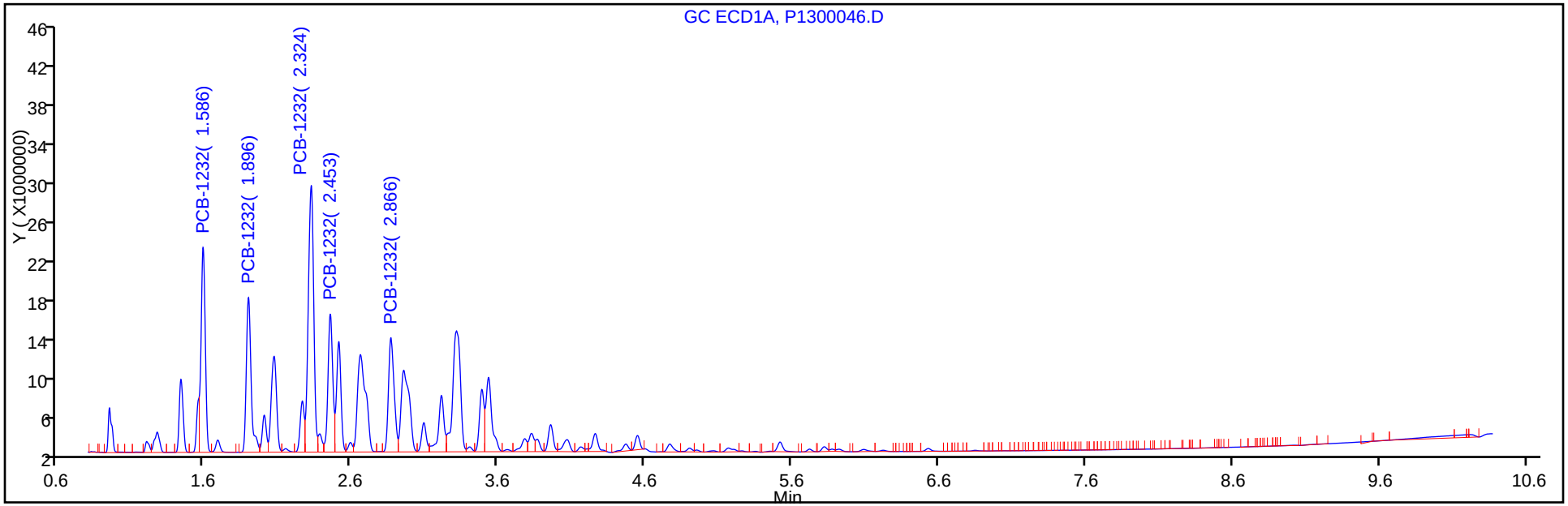
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

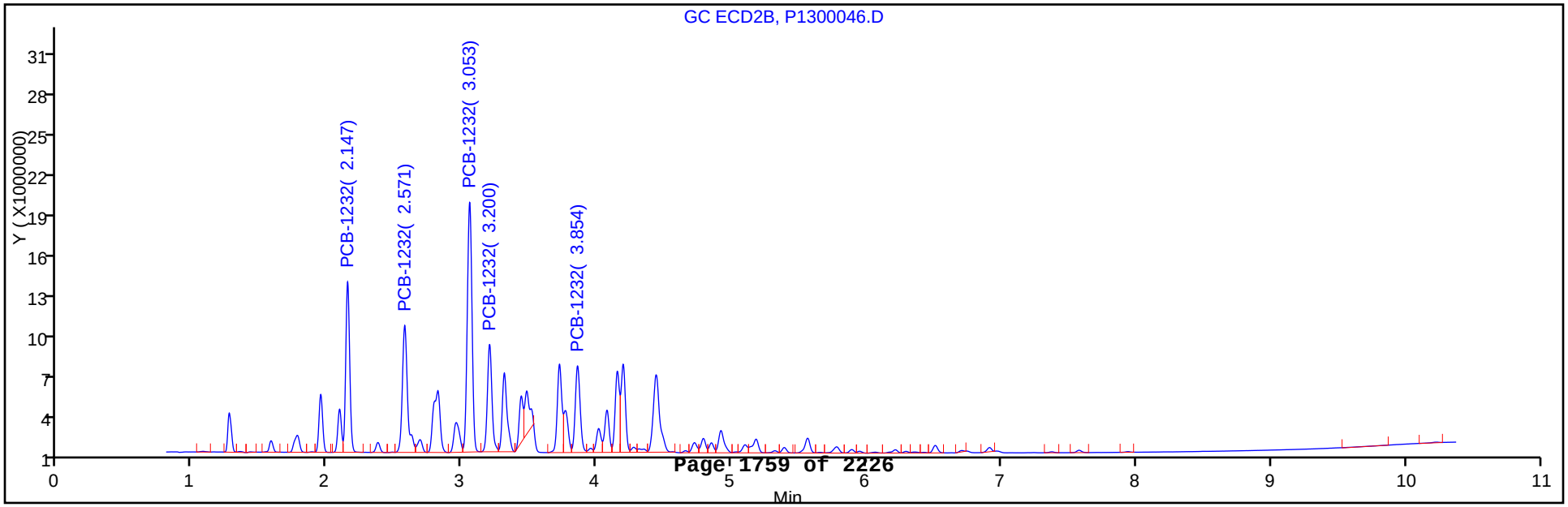
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	32907992	31183923		0.948	1.00	-5.2	20.0
PCB-1242 Peak 2	Ave	59672785	55955291		0.938	1.00	-6.2	20.0
PCB-1242 Peak 3	Ave	127394823	113741548		0.893	1.00	-10.7	20.0
PCB-1242 Peak 4	Ave	51831636	52175029		1.01	1.00	0.7	20.0
PCB-1242 Peak 5	Ave	56160721	55256528		0.984	1.00	-1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	1.59	1.54	1.64
PCB-1242 Peak 2	1.90	1.85	1.95
PCB-1242 Peak 3	2.32	2.27	2.37
PCB-1242 Peak 4	2.45	2.40	2.50
PCB-1242 Peak 5	2.87	2.82	2.92

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 22-Oct-2012 03:49:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-047
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 62068 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	31183923	0.9476		100.0	M
1	2	1.895	1.896	-0.001	55955291	0.9377	156.0- 206.0	179.4	
1	3	2.323	2.323	0.000	113741548	0.8928	355.0- 405.0	364.7	
1	4	2.454	2.454	0.000	52175029	1.01	131.0- 181.0	167.3	
1	5	2.867	2.868	-0.001	55256528	0.9839	142.4- 192.4	177.2	
			Average of Peak Amounts =			0.9537			
2	6	2.147	2.148	-0.001	17410907	0.9335		100.0	
2	7	2.571	2.573	-0.002	36507544	0.9584	176.6- 236.6	209.7	
2	8	3.053	3.053	0.000	72407501	1.00	356.3- 416.3	415.9	
2	9	3.201	3.202	-0.001	30129419	0.9667	135.8- 195.8	173.0	
2	10	3.720	3.719	0.001	27166293	0.9699	121.8- 181.8	156.0	
			Average of Peak Amounts =			0.9650			
						RPD = 1.17			

QC Flag Legend

Review Flags
M - Manually Integrated

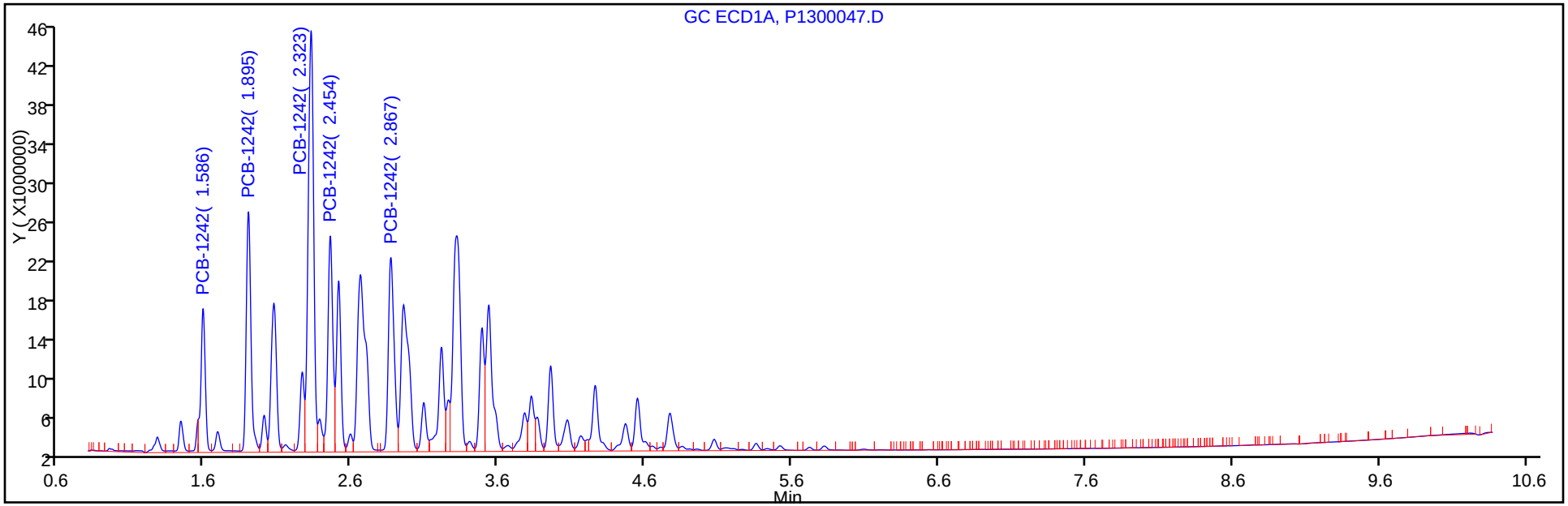
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

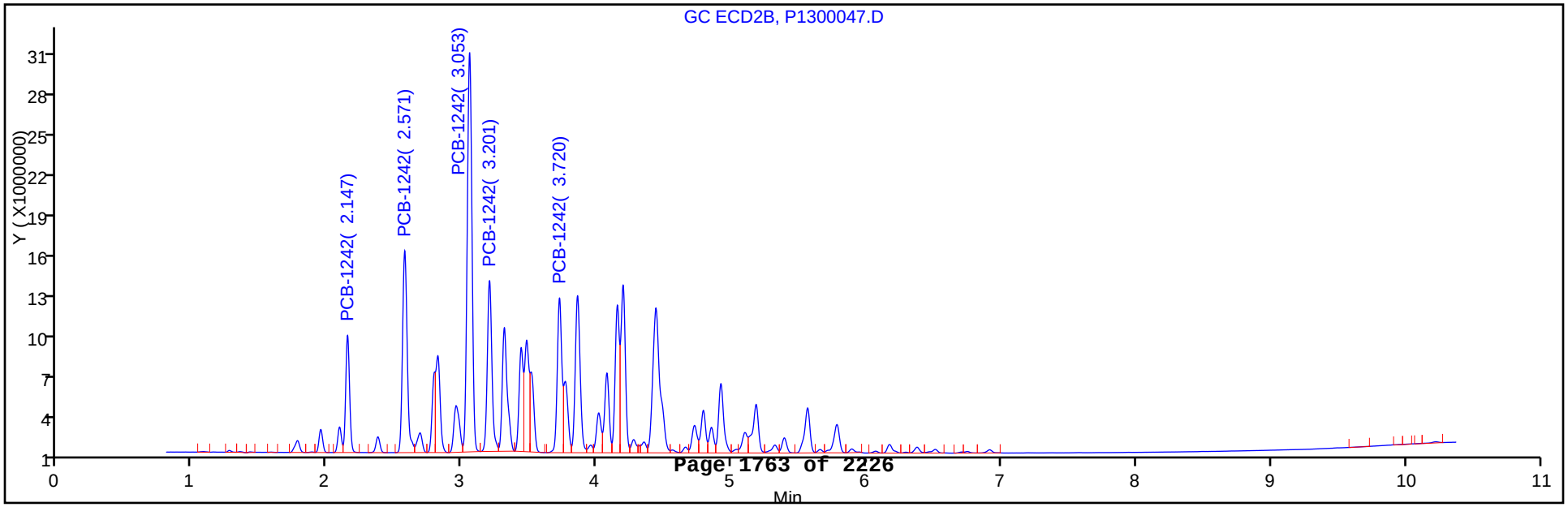
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
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



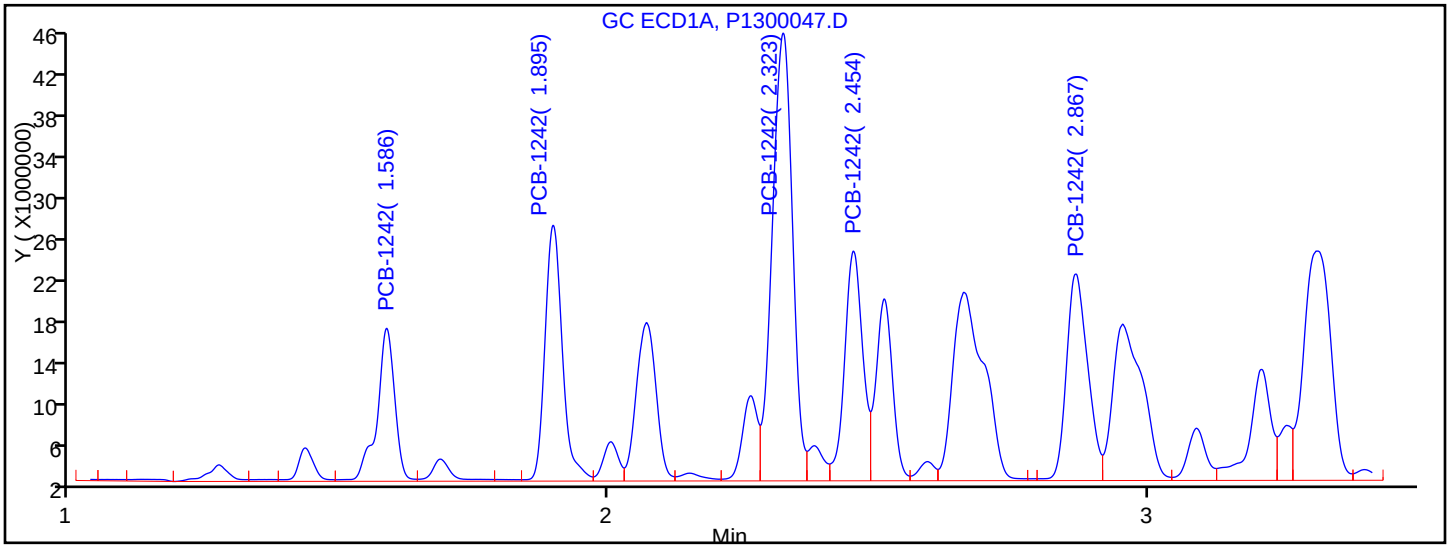
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

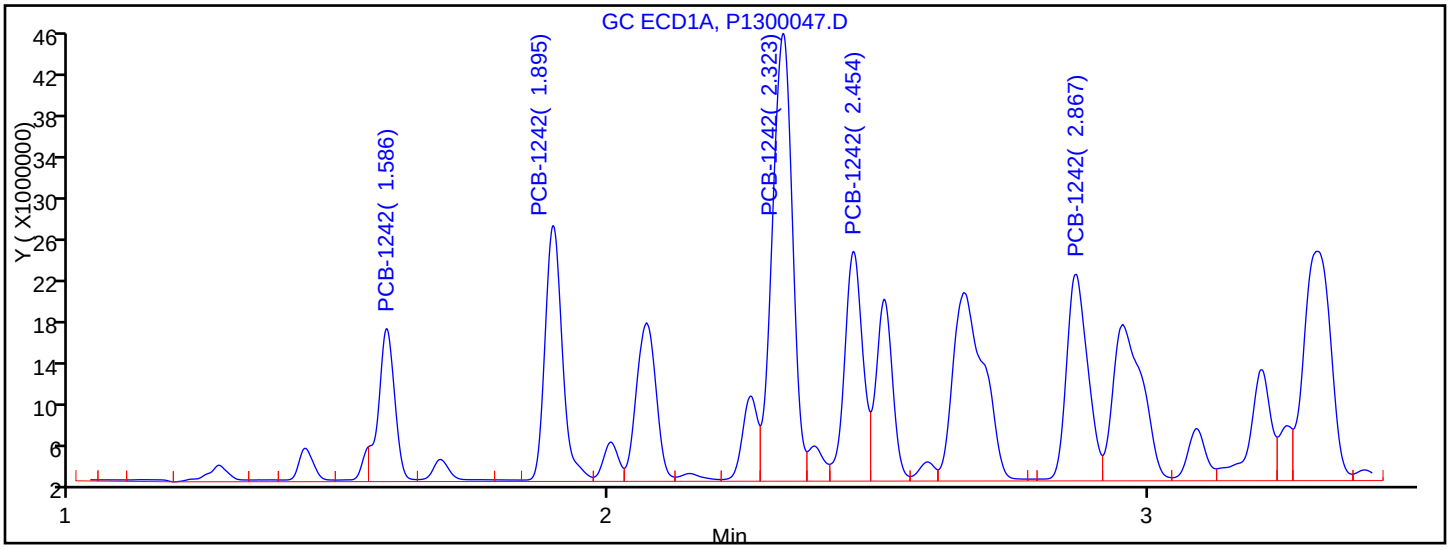
Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 34205640	M
RT = 1.895	Response = 55955291	
RT = 2.323	Response = 113741548	
RT = 2.454	Response = 52175029	
RT = 2.867	Response = 55256528	



Manual Integration Results

RT = 1.586	Response = 31183923	M
RT = 1.895	Response = 55955291	
RT = 2.323	Response = 113741548	
RT = 2.454	Response = 52175029	
RT = 2.867	Response = 55256528	

Reviewer: hassl, 22-Oct-2012 09:15:58

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	18651521	17410907		0.933	1.00	-6.7	20.0
PCB-1242 Peak 2	Ave	38092065	36507544		0.958	1.00	-4.2	20.0
PCB-1242 Peak 3	Ave	72669204	72407501		0.996	1.00	-0.4	20.0
PCB-1242 Peak 4	Ave	31166848	30129419		0.967	1.00	-3.3	20.0
PCB-1242 Peak 5	Ave	28008369	27166293		0.970	1.00	-3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.15	2.10	2.20
PCB-1242 Peak 2	2.57	2.52	2.62
PCB-1242 Peak 3	3.05	3.00	3.10
PCB-1242 Peak 4	3.20	3.15	3.25
PCB-1242 Peak 5	3.72	3.67	3.77

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 22-Oct-2012 03:49:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-047
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 62068 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	31183923	0.9476		100.0	M
1	2	1.895	1.896	-0.001	55955291	0.9377	156.0- 206.0	179.4	
1	3	2.323	2.323	0.000	113741548	0.8928	355.0- 405.0	364.7	
1	4	2.454	2.454	0.000	52175029	1.01	131.0- 181.0	167.3	
1	5	2.867	2.868	-0.001	55256528	0.9839	142.4- 192.4	177.2	
			Average of Peak Amounts =			0.9537			
2	6	2.147	2.148	-0.001	17410907	0.9335		100.0	
2	7	2.571	2.573	-0.002	36507544	0.9584	176.6- 236.6	209.7	
2	8	3.053	3.053	0.000	72407501	1.00	356.3- 416.3	415.9	
2	9	3.201	3.202	-0.001	30129419	0.9667	135.8- 195.8	173.0	
2	10	3.720	3.719	0.001	27166293	0.9699	121.8- 181.8	156.0	
			Average of Peak Amounts =			0.9650			
						RPD = 1.17			

QC Flag Legend

Review Flags
M - Manually Integrated

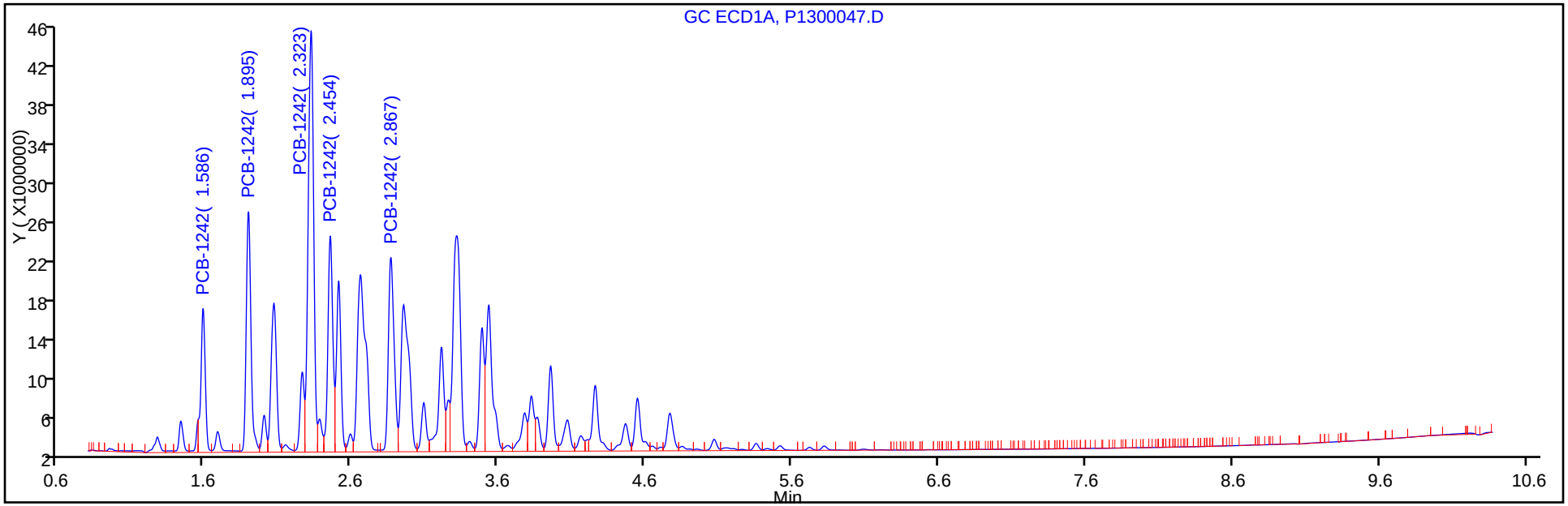
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

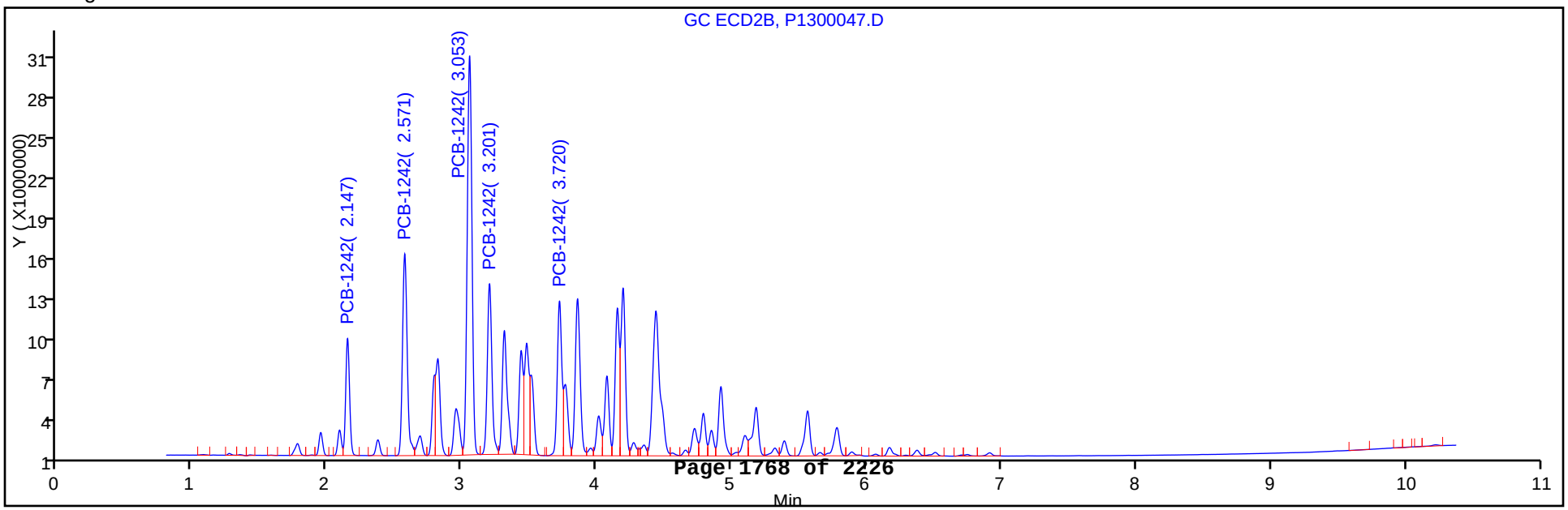
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30360760	31669282		1.04	1.00	4.3	20.0
PCB-1248 Peak 2	Ave	85512527	80529210		0.942	1.00	-5.8	20.0
PCB-1248 Peak 3	Ave	91721796	87576230		0.955	1.00	-4.5	20.0
PCB-1248 Peak 4	Ave	52262328	50034251		0.957	1.00	-4.3	20.0
PCB-1248 Peak 5	Ave	45872480	46288328		1.01	1.00	0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	1.90	1.85	1.95
PCB-1248 Peak 2	2.32	2.27	2.37
PCB-1248 Peak 3	2.87	2.82	2.92
PCB-1248 Peak 4	3.49	3.44	3.54
PCB-1248 Peak 5	3.96	3.91	4.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 22-Oct-2012 04:04:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-048
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 62068 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	31669282	1.04		100.0	
1	2	2.322	2.319	0.003	80529210	0.9417	252.8- 302.8	254.3	
1	3	2.866	2.866	0.000	87576230	0.9548	276.3- 326.3	276.5	
1	4	3.488	3.489	-0.001	50034251	0.9574	147.9- 197.9	158.0	
1	5	3.955	3.955	0.000	46288328	1.01	126.1- 176.1	146.2	
			Average of Peak Amounts =			0.9812			
2	6	2.570	2.570	0.000	20607817	1.08		100.0	
2	7	3.052	3.053	-0.001	52270819	1.06	225.1- 285.1	253.6	
2	8	3.719	3.719	0.000	58714049	0.9709	285.5- 345.5	284.9	
2	9	3.853	3.853	0.000	47710116	0.9598	227.4- 287.4	231.5	
2	10	4.917	4.916	0.001	29540895	0.9887	126.6- 186.6	143.3	
			Average of Peak Amounts =			1.01			
						RPD = 3.01			

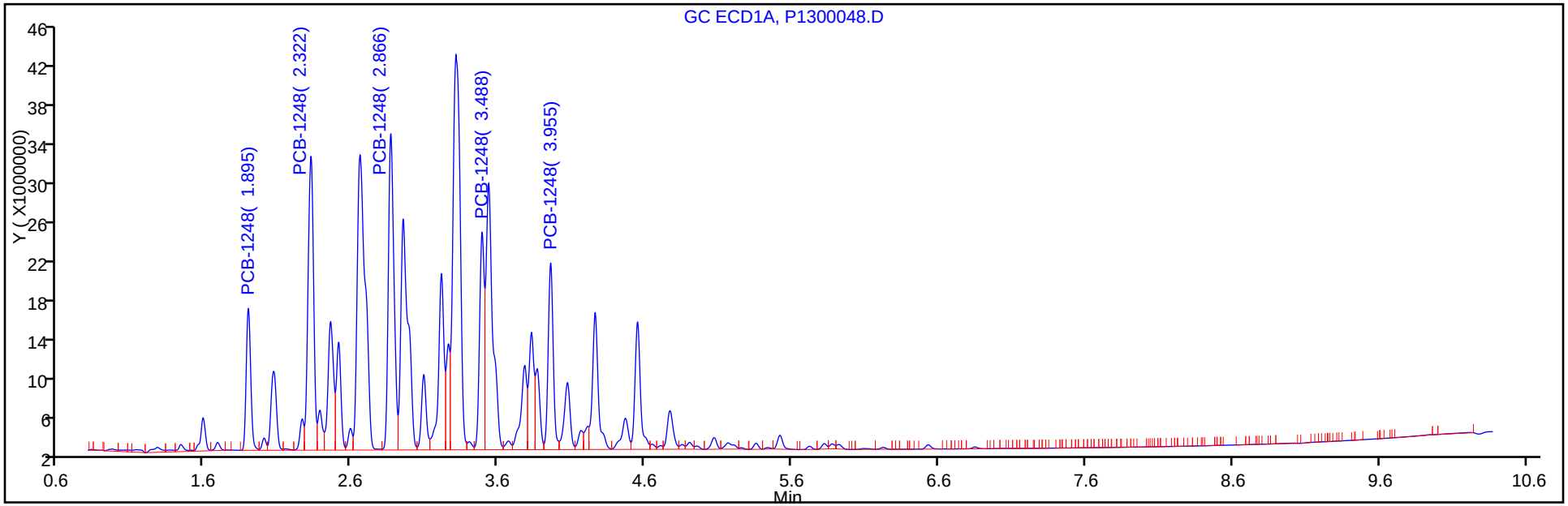
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

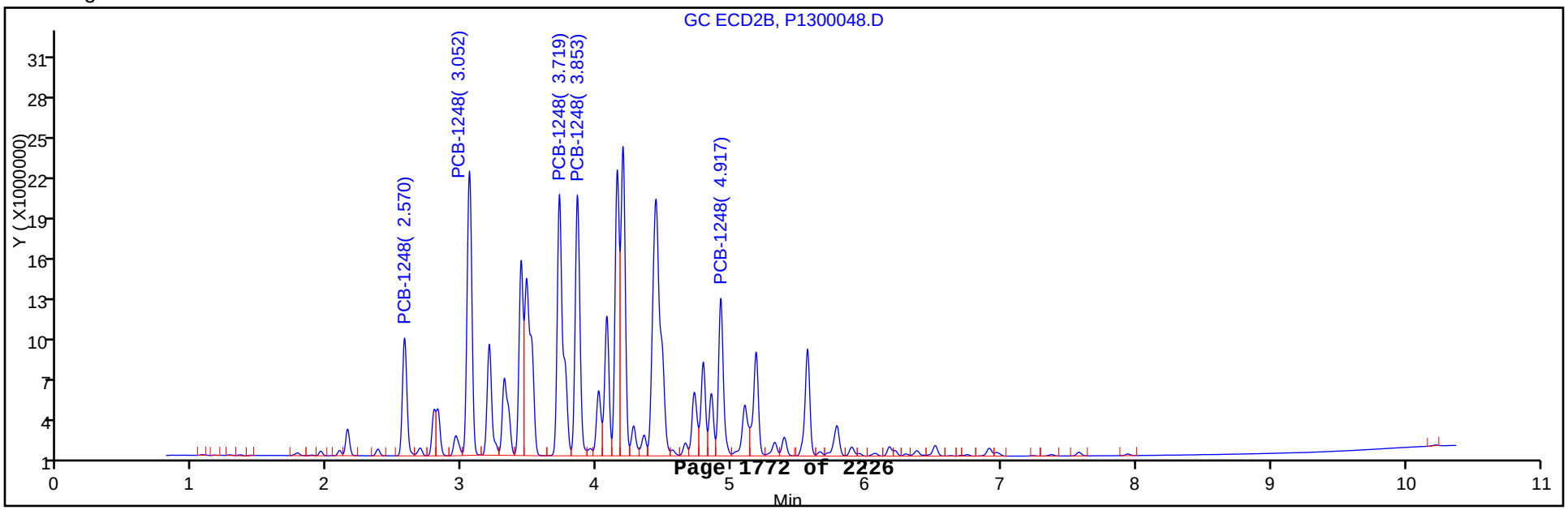
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

Injection Date:	22-Oct-2012 04:04:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	48
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	19163111	20607817		1.08	1.00	7.5	20.0
PCB-1248 Peak 2	Ave	49264300	52270819		1.06	1.00	6.1	20.0
PCB-1248 Peak 3	Ave	60474000	58714049		0.971	1.00	-2.9	20.0
PCB-1248 Peak 4	Ave	49709099	47710116		0.960	1.00	-4.0	20.0
PCB-1248 Peak 5	Ave	29879712	29540895		0.989	1.00	-1.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.57	2.52	2.62
PCB-1248 Peak 2	3.05	3.00	3.10
PCB-1248 Peak 3	3.72	3.67	3.77
PCB-1248 Peak 4	3.85	3.80	3.90
PCB-1248 Peak 5	4.92	4.87	4.97

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 22-Oct-2012 04:04:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-048
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 62068 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	31669282	1.04		100.0	
1	2	2.322	2.319	0.003	80529210	0.9417	252.8- 302.8	254.3	
1	3	2.866	2.866	0.000	87576230	0.9548	276.3- 326.3	276.5	
1	4	3.488	3.489	-0.001	50034251	0.9574	147.9- 197.9	158.0	
1	5	3.955	3.955	0.000	46288328	1.01	126.1- 176.1	146.2	
			Average of Peak Amounts =			0.9812			
2	6	2.570	2.570	0.000	20607817	1.08		100.0	
2	7	3.052	3.053	-0.001	52270819	1.06	225.1- 285.1	253.6	
2	8	3.719	3.719	0.000	58714049	0.9709	285.5- 345.5	284.9	
2	9	3.853	3.853	0.000	47710116	0.9598	227.4- 287.4	231.5	
2	10	4.917	4.916	0.001	29540895	0.9887	126.6- 186.6	143.3	
			Average of Peak Amounts =			1.01			
						RPD = 3.01			

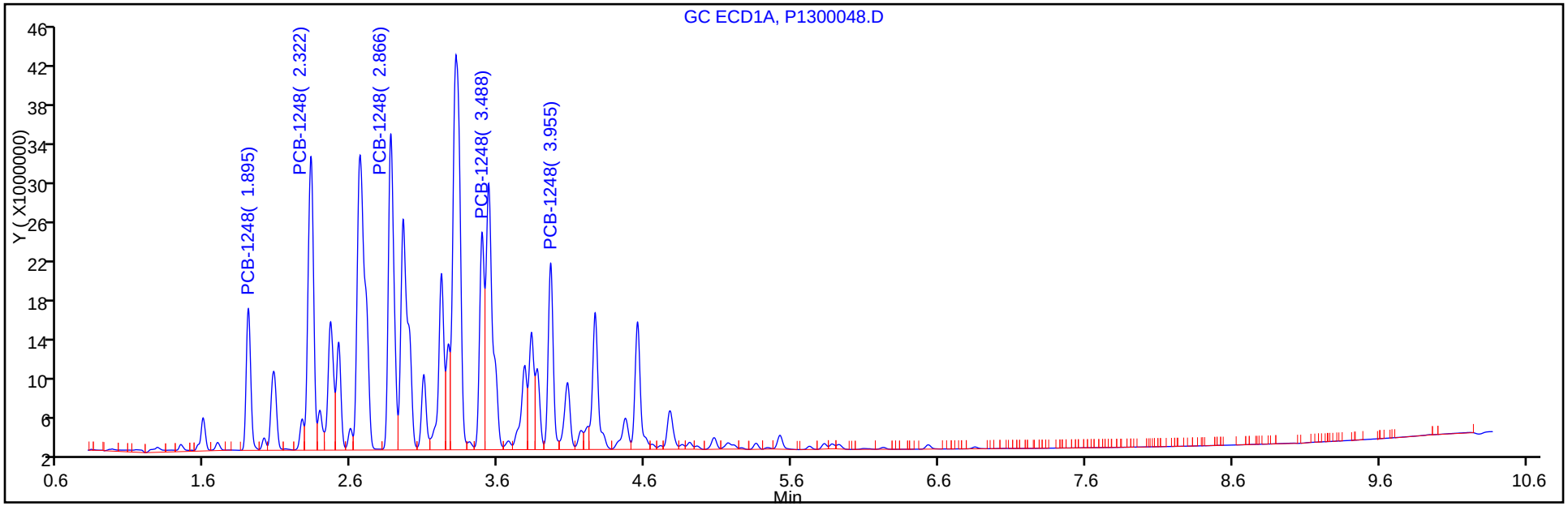
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

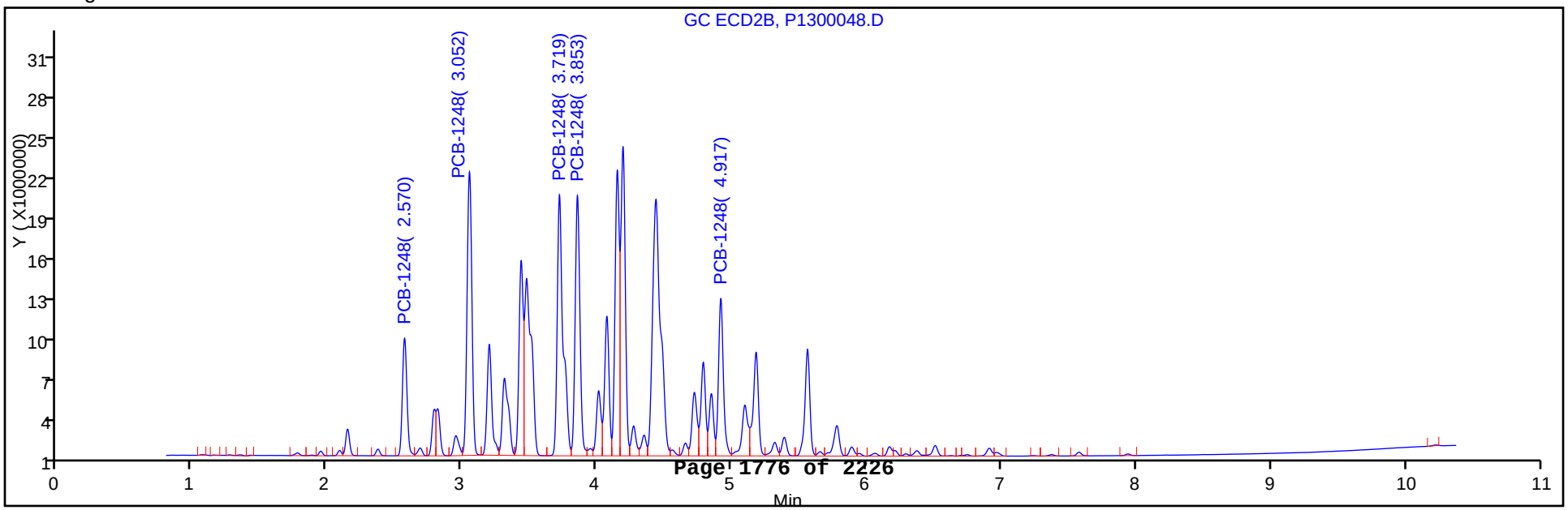
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

Injection Date:	22-Oct-2012 04:04:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	48
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	129854337	134604744		1.04	1.00	3.7	20.0
PCB-1254 Peak 2	Ave	140607863	136235384		0.969	1.00	-3.1	20.0
PCB-1254 Peak 3	Ave	114573263	123557280		1.08	1.00	7.8	20.0
PCB-1254 Peak 4	Ave	98278501	106942531		1.09	1.00	8.8	20.0
PCB-1254 Peak 5	Ave	141316304	157505677		1.11	1.00	11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.54	3.49	3.59
PCB-1254 Peak 2	3.96	3.91	4.01
PCB-1254 Peak 3	4.26	4.21	4.31
PCB-1254 Peak 4	4.47	4.42	4.52
PCB-1254 Peak 5	4.77	4.72	4.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 22-Oct-2012 04:19:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-049
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 62068 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.541	3.541	0.000	134604744	1.04		100.0	
1	2	3.955	3.956	-0.001	136235384	0.9689	82.6- 132.6	101.2	
1	3	4.260	4.259	0.001	123557280	1.08	64.9- 114.9	91.8	
1	4	4.465	4.467	-0.002	106942531	1.09	49.9- 99.9	79.4	
1	5	4.768	4.768	0.000	157505677	1.11	84.1- 134.1	117.0	
			Average of Peak Amounts =			1.06			
2	6	4.414	4.413	0.001	59335114	1.04		100.0	
2	7	4.917	4.918	-0.001	91433133	1.03	124.0- 184.0	154.1	
2	8	5.178	5.179	-0.001	65423220	1.08	76.3- 136.3	110.3	
2	9	5.560	5.562	-0.002	73452526	1.09	87.0- 147.0	123.8	
2	10	5.779	5.779	0.000	98411635	1.13	121.1- 181.1	165.9	
			Average of Peak Amounts =			1.07			
						RPD = 1.46			

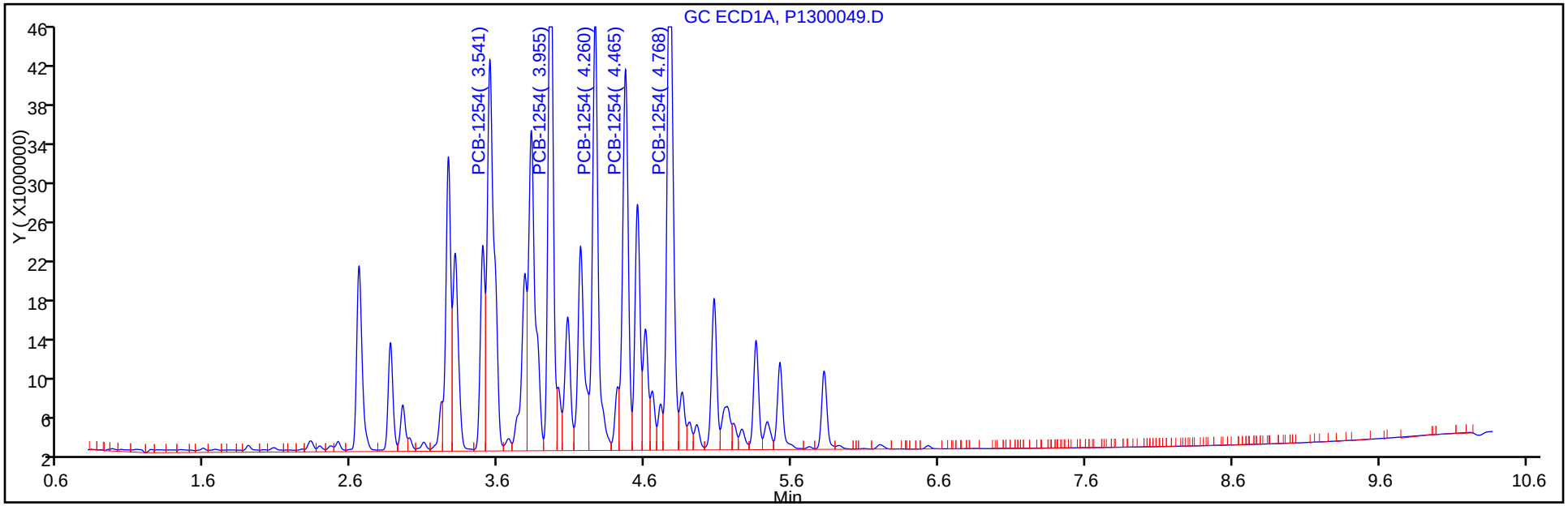
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

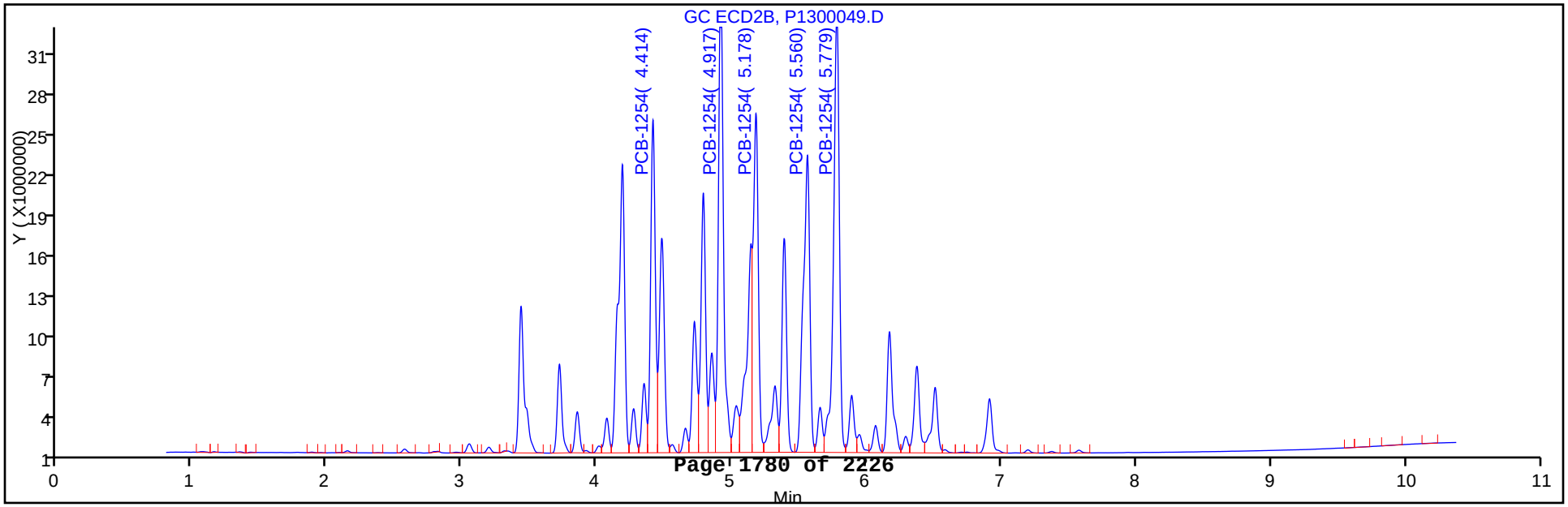
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

Injection Date:	22-Oct-2012 04:19:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	49
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	57268796	59335114		1.04	1.00	3.6	20.0
PCB-1254 Peak 2	Ave	88664644	91433133		1.03	1.00	3.1	20.0
PCB-1254 Peak 3	Ave	60796972	65423220		1.08	1.00	7.6	20.0
PCB-1254 Peak 4	Ave	67557439	73452526		1.09	1.00	8.7	20.0
PCB-1254 Peak 5	Ave	86824427	98411635		1.13	1.00	13.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	4.41	4.36	4.46
PCB-1254 Peak 2	4.92	4.87	4.97
PCB-1254 Peak 3	5.18	5.13	5.23
PCB-1254 Peak 4	5.56	5.51	5.61
PCB-1254 Peak 5	5.78	5.73	5.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 22-Oct-2012 04:19:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-049
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 62068 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.541	3.541	0.000	134604744	1.04		100.0	
1	2	3.955	3.956	-0.001	136235384	0.9689	82.6- 132.6	101.2	
1	3	4.260	4.259	0.001	123557280	1.08	64.9- 114.9	91.8	
1	4	4.465	4.467	-0.002	106942531	1.09	49.9- 99.9	79.4	
1	5	4.768	4.768	0.000	157505677	1.11	84.1- 134.1	117.0	
			Average of Peak Amounts =			1.06			
2	6	4.414	4.413	0.001	59335114	1.04		100.0	
2	7	4.917	4.918	-0.001	91433133	1.03	124.0- 184.0	154.1	
2	8	5.178	5.179	-0.001	65423220	1.08	76.3- 136.3	110.3	
2	9	5.560	5.562	-0.002	73452526	1.09	87.0- 147.0	123.8	
2	10	5.779	5.779	0.000	98411635	1.13	121.1- 181.1	165.9	
			Average of Peak Amounts =			1.07			
						RPD = 1.46			

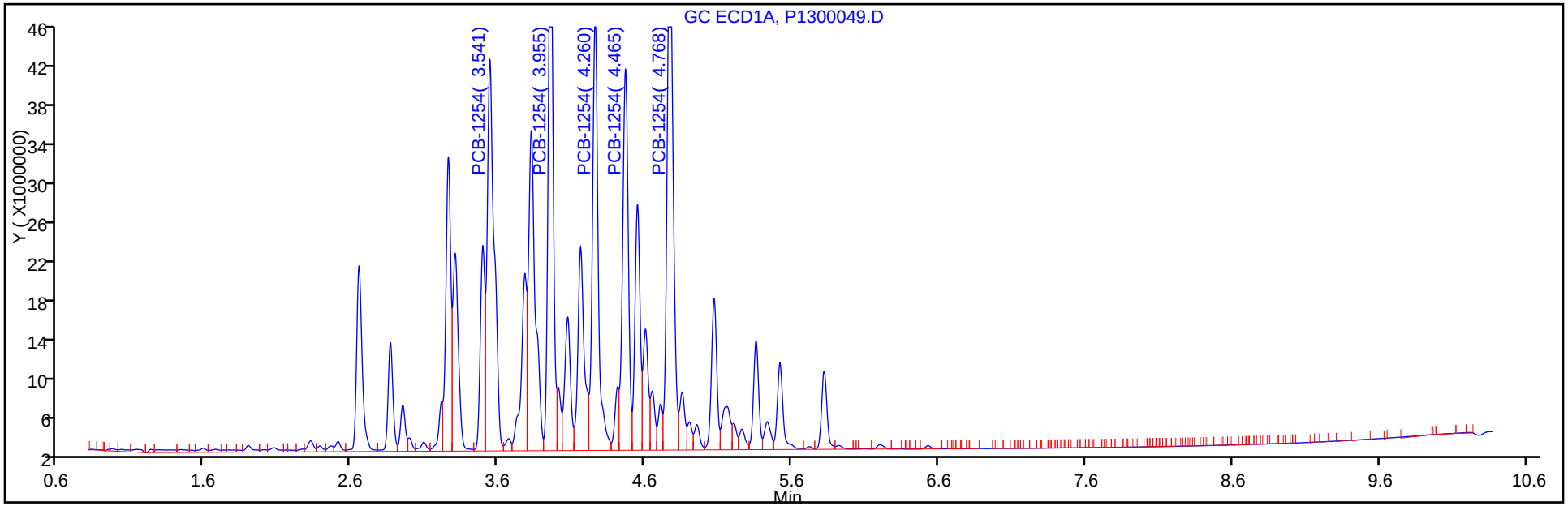
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

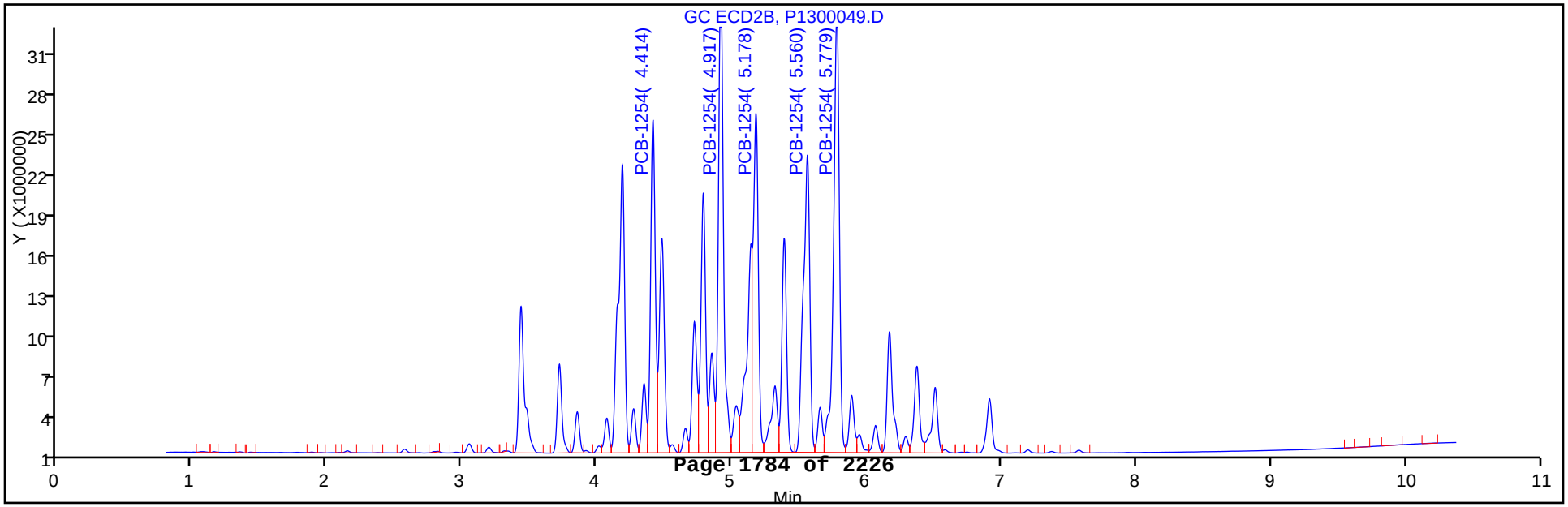
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

Injection Date:	22-Oct-2012 04:19:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	49
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	38228313		0.940	1.00	-6.0	20.0
PCB-1016 Peak 2	Ave	71876982	71723522		0.998	1.00	-0.2	20.0
PCB-1016 Peak 3	Ave	155218061	145252214		0.936	1.00	-6.4	20.0
PCB-1016 Peak 4	Ave	64472512	68052214		1.06	1.00	5.6	20.0
PCB-1016 Peak 5	Ave	67849134	69850424		1.03	1.00	2.9	20.0
PCB-1260 Peak 1	Ave	101355640	101972175		1.01	1.00	0.6	20.0
PCB-1260 Peak 2	Ave	200632590	201607884		1.00	1.00	0.5	20.0
PCB-1260 Peak 3	Ave	200043209	191897453		0.959	1.00	-4.1	20.0
PCB-1260 Peak 4	Ave	271809958	324736998		1.19	1.00	19.5	20.0
PCB-1260 Peak 5	Ave	129152153	145454031		1.13	1.00	12.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.59	1.54	1.64
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.27	2.37
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.16	4.11	4.21
PCB-1260 Peak 2	4.47	4.42	4.52
PCB-1260 Peak 3	4.77	4.72	4.82
PCB-1260 Peak 4	5.52	5.47	5.57
PCB-1260 Peak 5	5.82	5.77	5.87

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 22-Oct-2012 04:34:07 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-050
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 62068 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.586	1.587	-0.001	38228313	0.9403		100.0	M
1	2	1.896	1.896	0.000	71723522	1.00	149.3- 199.3	187.6	
1	3	2.325	2.323	0.002	145252214	0.9358	350.2- 400.2	380.0	
1	4	2.454	2.453	0.001	68052214	1.06	130.7- 180.7	178.0	
1	5	2.866	2.867	-0.001	69850424	1.03	137.9- 187.9	182.7	
			Average of Peak Amounts =			0.99			
2	6	2.147	2.147	0.000	23415698	1.04		100.0	
2	7	2.571	2.571	0.000	48518836	1.03	176.5- 236.5	207.2	
2	8	3.053	3.054	-0.001	97238509	1.07	362.5- 422.5	415.3	
2	9	3.201	3.201	0.000	40441239	1.04	137.9- 197.9	172.7	
2	10	3.855	3.854	0.001	37216207	1.03	118.8- 178.8	158.9	
			Average of Peak Amounts =			1.04			
						RPD = 5.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	101972175	1.01		100.0	
1	2	4.469	4.469	0.000	201607884	1.00	175.1- 225.1	197.7	
1	3	4.768	4.767	0.001	191897453	0.9593	173.2- 223.2	188.2	
1	4	5.519	5.518	0.001	324736998	1.19	244.1- 294.1	318.5	
1	5	5.821	5.820	0.001	145454031	1.13	101.5- 151.5	142.6	
			Average of Peak Amounts =			1.06			
2	6	5.141	5.141	0.000	66548848	1.00		100.0	
2	7	5.388	5.389	-0.001	81523657	1.12	86.6- 146.6	122.5	
2	8	5.776	5.776	0.000	112380662	0.9619	142.9- 202.9	168.9	
2	9	6.510	6.509	0.001	177322502	1.25	179.5- 239.5	266.5	
2	10	6.911	6.910	0.001	124132552	1.19	121.8- 181.8	186.5	
			Average of Peak Amounts =			1.10			
						RPD = 4.17			

QC Flag Legend

Review Flags
M - Manually Integrated

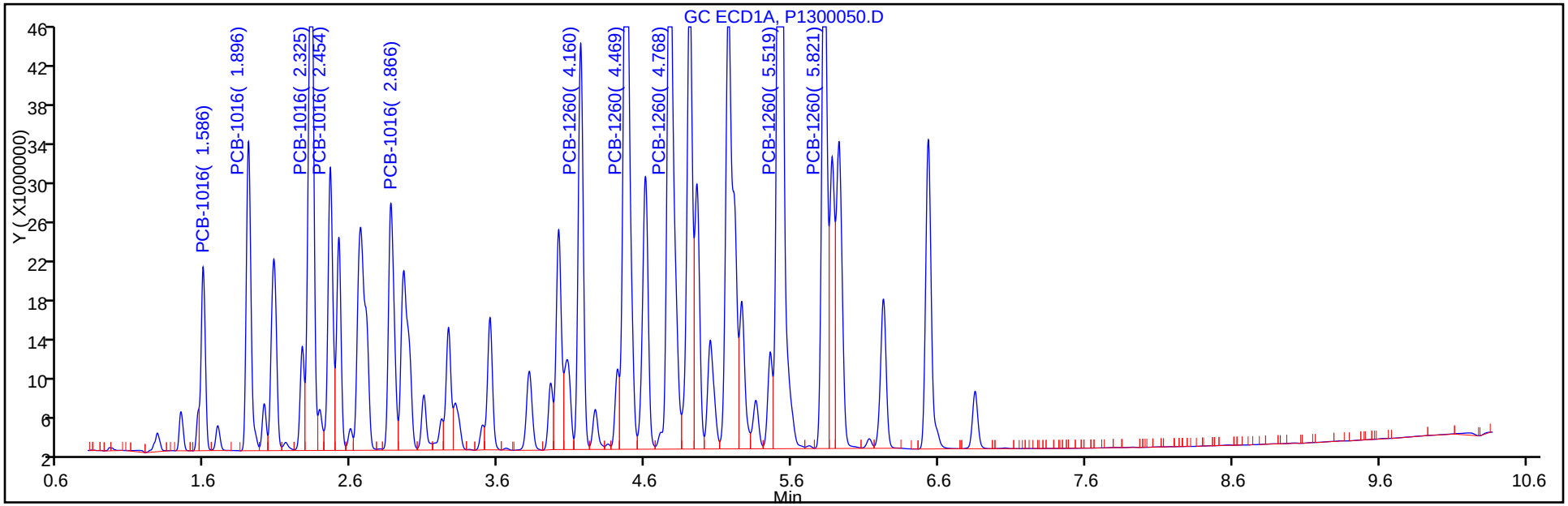
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

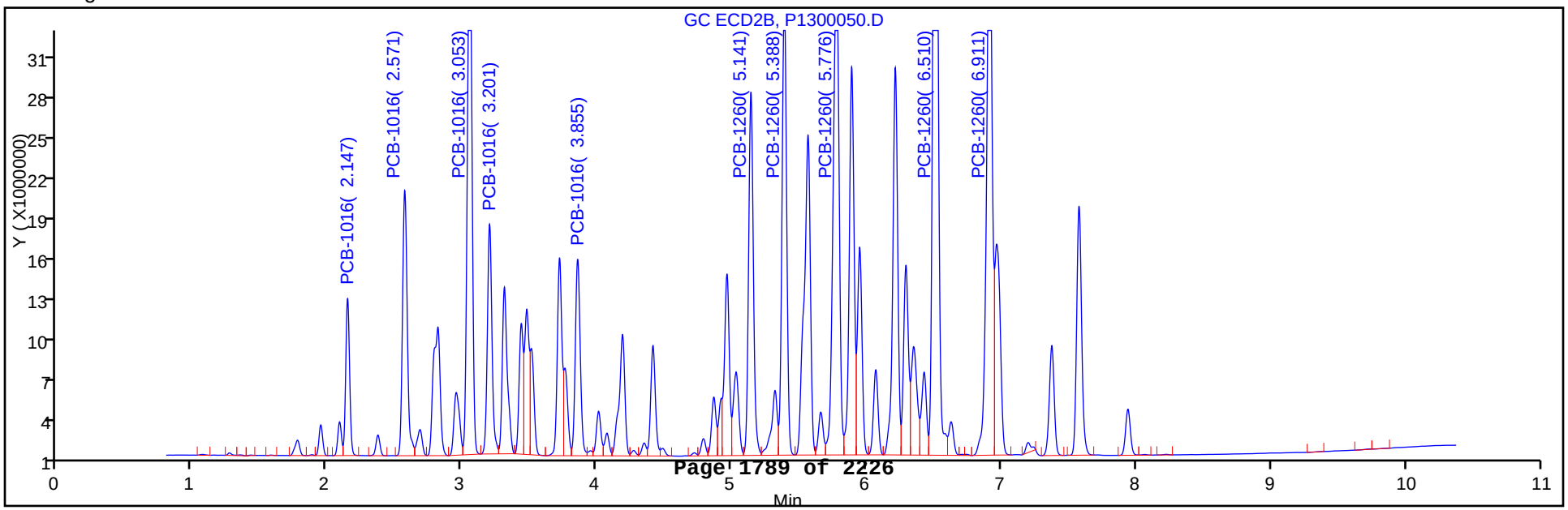
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



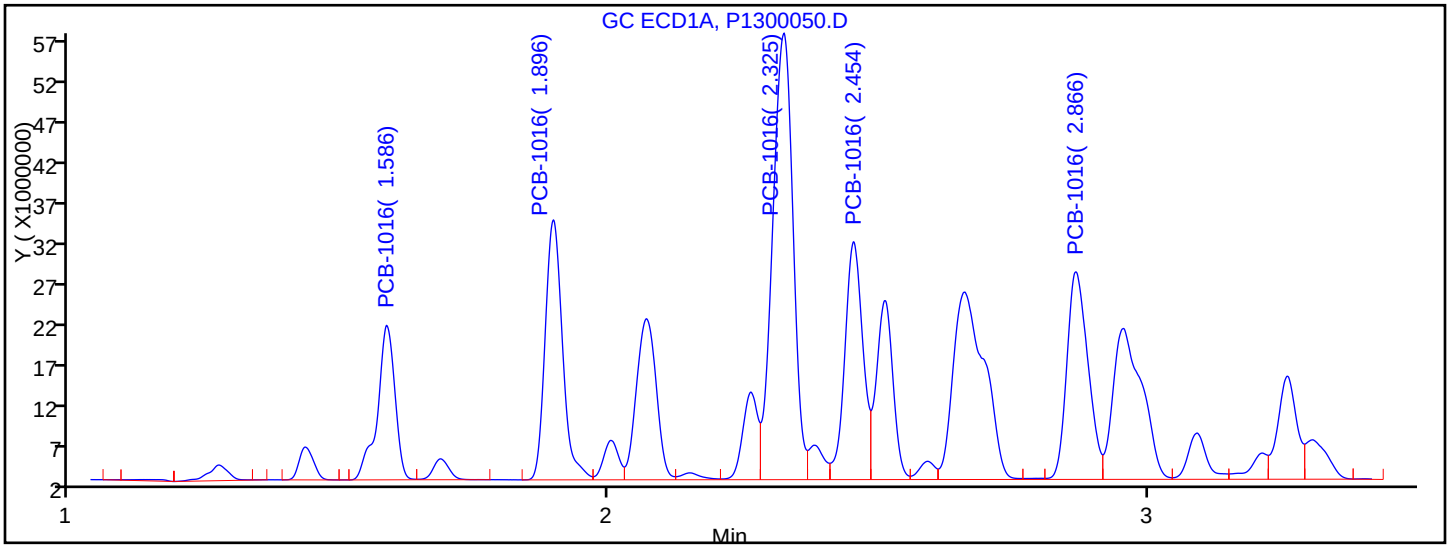
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

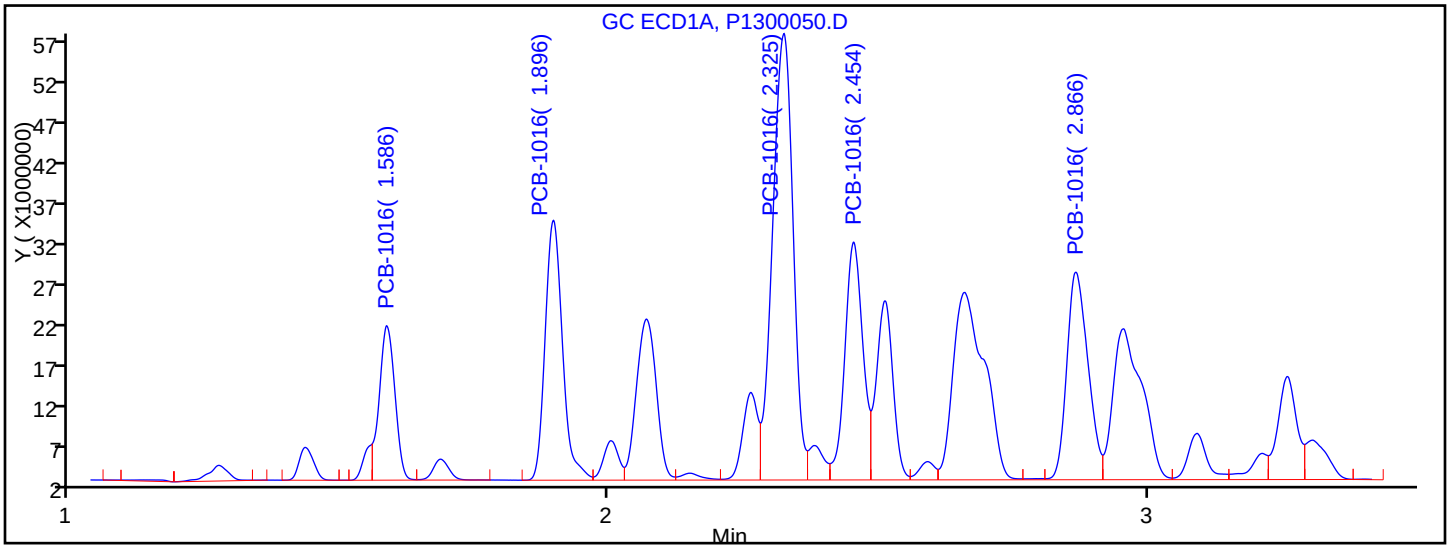
Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 43047096	M
RT = 1.896	Response = 71723522	
RT = 2.325	Response = 145252214	
RT = 2.454	Response = 68052214	
RT = 2.866	Response = 69850424	



Manual Integration Results

RT = 1.586	Response = 38228313	M
RT = 1.896	Response = 71723522	
RT = 2.325	Response = 145252214	
RT = 2.454	Response = 68052214	
RT = 2.866	Response = 69850424	

Reviewer: hassl, 22-Oct-2012 09:15:31

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	23415698		1.04	1.00	4.2	20.0
PCB-1016 Peak 2	Ave	46910344	48518836		1.03	1.00	3.4	20.0
PCB-1016 Peak 3	Ave	90857261	97238509		1.07	1.00	7.0	20.0
PCB-1016 Peak 4	Ave	38716589	40441239		1.04	1.00	4.5	20.0
PCB-1016 Peak 5	Ave	36067525	37216207		1.03	1.00	3.2	20.0
PCB-1260 Peak 1	Ave	66648717	66548848		0.999	1.00	-0.1	20.0
PCB-1260 Peak 2	Lin1		81523657		1.12	1.00	11.8	20.0
PCB-1260 Peak 3	Ave	116834929	112380662		0.962	1.00	-3.8	20.0
PCB-1260 Peak 4	Ave	142290611	177322502		1.25	1.00	24.6*	20.0
PCB-1260 Peak 5	Ave	104134113	124132552		1.19	1.00	19.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.10	2.20
PCB-1016 Peak 2	2.57	2.52	2.62
PCB-1016 Peak 3	3.05	3.00	3.10
PCB-1016 Peak 4	3.20	3.15	3.25
PCB-1016 Peak 5	3.86	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.39	5.34	5.44
PCB-1260 Peak 3	5.78	5.73	5.83
PCB-1260 Peak 4	6.51	6.46	6.56
PCB-1260 Peak 5	6.91	6.86	6.96

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 22-Oct-2012 04:34:07 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-050
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 62068 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 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: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.586	1.587	-0.001	38228313	0.9403		100.0	M
1	2	1.896	1.896	0.000	71723522	1.00	149.3- 199.3	187.6	
1	3	2.325	2.323	0.002	145252214	0.9358	350.2- 400.2	380.0	
1	4	2.454	2.453	0.001	68052214	1.06	130.7- 180.7	178.0	
1	5	2.866	2.867	-0.001	69850424	1.03	137.9- 187.9	182.7	
			Average of Peak Amounts =			0.99			
2	6	2.147	2.147	0.000	23415698	1.04		100.0	
2	7	2.571	2.571	0.000	48518836	1.03	176.5- 236.5	207.2	
2	8	3.053	3.054	-0.001	97238509	1.07	362.5- 422.5	415.3	
2	9	3.201	3.201	0.000	40441239	1.04	137.9- 197.9	172.7	
2	10	3.855	3.854	0.001	37216207	1.03	118.8- 178.8	158.9	
			Average of Peak Amounts =			1.04			
						RPD = 5.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	101972175	1.01		100.0	
1	2	4.469	4.469	0.000	201607884	1.00	175.1- 225.1	197.7	
1	3	4.768	4.767	0.001	191897453	0.9593	173.2- 223.2	188.2	
1	4	5.519	5.518	0.001	324736998	1.19	244.1- 294.1	318.5	
1	5	5.821	5.820	0.001	145454031	1.13	101.5- 151.5	142.6	
			Average of Peak Amounts =			1.06			
2	6	5.141	5.141	0.000	66548848	1.00		100.0	
2	7	5.388	5.389	-0.001	81523657	1.12	86.6- 146.6	122.5	
2	8	5.776	5.776	0.000	112380662	0.9619	142.9- 202.9	168.9	
2	9	6.510	6.509	0.001	177322502	1.25	179.5- 239.5	266.5	
2	10	6.911	6.910	0.001	124132552	1.19	121.8- 181.8	186.5	
			Average of Peak Amounts =			1.10			
						RPD = 4.17			

QC Flag Legend

Review Flags
M - Manually Integrated

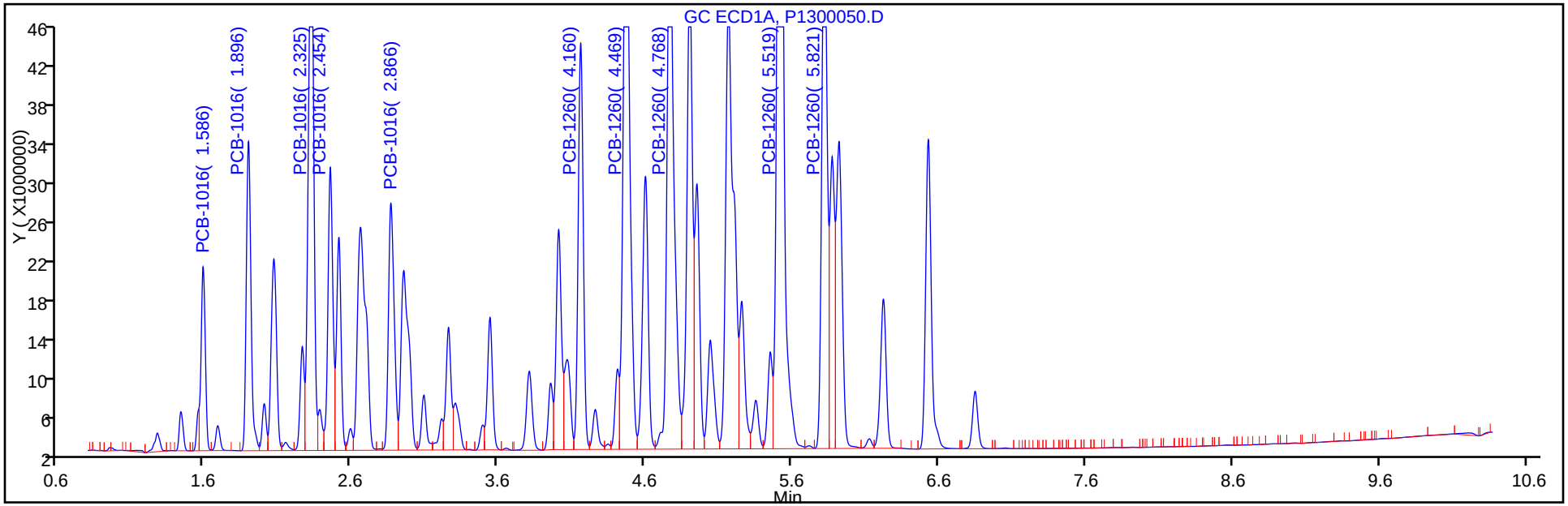
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TestAmerica Canton

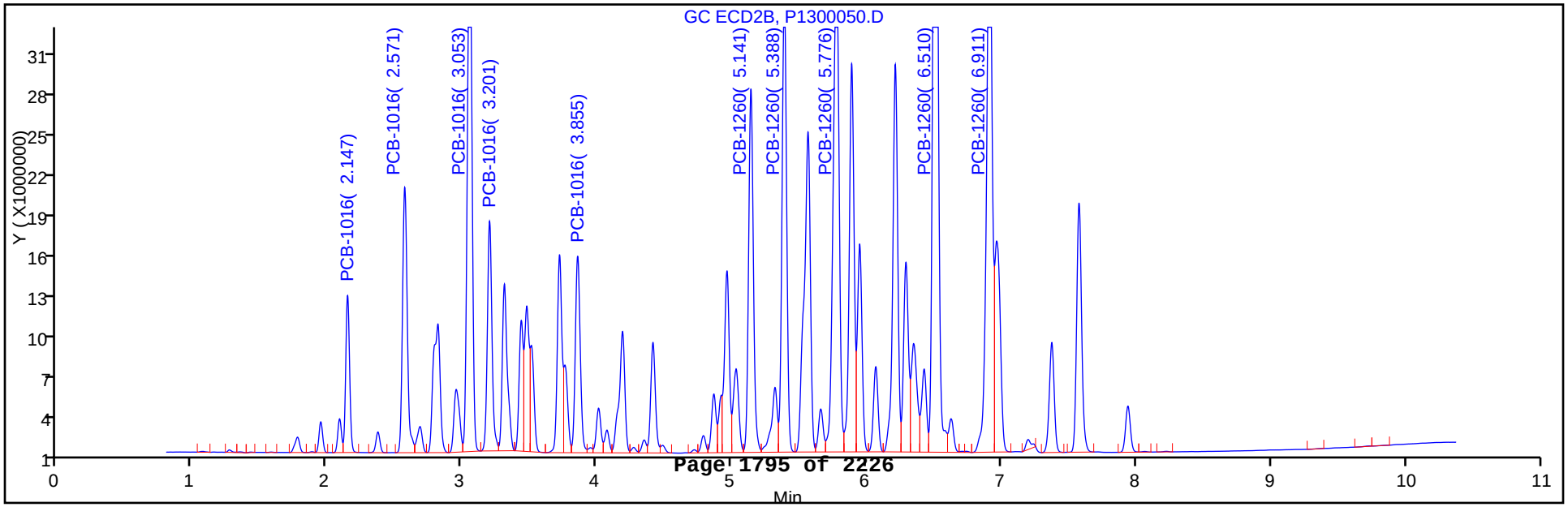
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/4 Calibration Date: 11/27/2012 02:21

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	0.0000		0.000200	0.500	-100.0*	20.0
PCB-1016 Peak 2	Ave	71876982	73676222		0.513	0.500	2.5	20.0
PCB-1016 Peak 3	Ave	155218061	162099934		0.522	0.500	4.4	20.0
PCB-1016 Peak 4	Ave	64472512	48667218		0.377	0.500	-24.5*	20.0
PCB-1016 Peak 5	Ave	67849134	73543618		0.542	0.500	8.4	20.0
PCB-1260 Peak 1	Ave	101355640	108613300		0.536	0.500	7.2	20.0
PCB-1260 Peak 2	Ave	200632590	216692238		0.540	0.500	8.0	20.0
PCB-1260 Peak 3	Ave	200043209	217987478		0.545	0.500	9.0	20.0
PCB-1260 Peak 4	Ave	271809958	307951004		0.566	0.500	13.3	20.0
PCB-1260 Peak 5	Ave	129152153	142237280		0.551	0.500	10.1	20.0
Tetrachloro-m-xylene	Ave	2282867563	2368126240		0.0259	0.0250	3.7	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2781972240		0.0298	0.0250	19.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/4 Calibration Date: 11/27/2012 02:21

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300004.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	0.00	1.50	1.60
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.28	2.38
PCB-1016 Peak 4	2.46	2.41	2.51
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.17	4.12	4.22
PCB-1260 Peak 2	4.47	4.42	4.52
PCB-1260 Peak 3	4.77	4.72	4.82
PCB-1260 Peak 4	5.53	5.48	5.58
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.07	7.02	7.12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300004.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 27-Nov-2012 02:21:55 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015278-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 1/cm ALS Bottle#: 4
Lims Batch ID: 66323 Lims Sample ID: 4
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m
Last Update: 28-Nov-2012 11:21:14 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: XAWRK013

First Level Reviewer: bosworthh Date: 28-Nov-2012 10:52:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.292	0.000	59203156	0.0259			
2	2	1.648	1.648	0.000	41770264	0.0291			
						RPD = 11.39			
6 PCB-1016									M
1	100	0.0	1.553	-1.553	0	0		100.0	
1	2	1.900	1.900	0.000	36838111	0.5125	149.3- 199.3		M
1	3	2.327	2.327	0.000	81049967	0.5222	350.2- 400.2		M
1	4	2.460	2.460	0.000	24333609	0.3774	130.7- 180.7		M
1	5	2.872	2.872	0.000	36771809	0.5420	137.9- 187.9		M
			Average of Peak Amounts =			0.4885			
2	6	2.145	2.145	0.000	12561538	0.5589		100.0	
2	7	2.567	2.567	0.000	24150078	0.5148	176.5- 236.5	192.3	
2	8	3.050	3.050	0.000	51071111	0.5621	362.5- 422.5	406.6	
2	9	3.197	3.197	0.000	20613255	0.5324	137.9- 197.9	164.1	
2	10	3.850	3.850	0.000	20770474	0.5759	118.8- 178.8	165.3	
			Average of Peak Amounts =			0.5488			
						RPD = 11.63			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	54306650	0.5358		100.0	
1	2	4.474	4.474	0.000	108346119	0.5400	175.1- 225.1	199.5	
1	3	4.774	4.774	0.000	108993739	0.5449	173.2- 223.2	200.7	
1	4	5.526	5.526	0.000	153975502	0.5665	244.1- 294.1	283.5	
1	5	5.828	5.828	0.000	71118640	0.5507	101.5- 151.5	131.0	
			Average of Peak Amounts =			0.5476			
2	6	5.136	5.136	0.000	36817630	0.5524		100.0	
2	7	5.382	5.382	0.000	44862035	0.5955	86.6- 146.6	121.8	
2	8	5.771	5.771	0.000	68103500	0.5829	142.9- 202.9	185.0	
2	9	6.503	6.503	0.000	87708850	0.6164	179.5- 239.5	238.2	
2	10	6.906	6.906	0.000	62819715	0.6033	121.8- 181.8	170.6	
			Average of Peak Amounts =			0.5901			
						RPD = 7.48			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	69549306	0.0298			
2	2	8.217	8.217	0.000	42120057	0.0313			
						RPD = 4.85			

QC Flag Legend

Review Flags
M - Manually Integrated

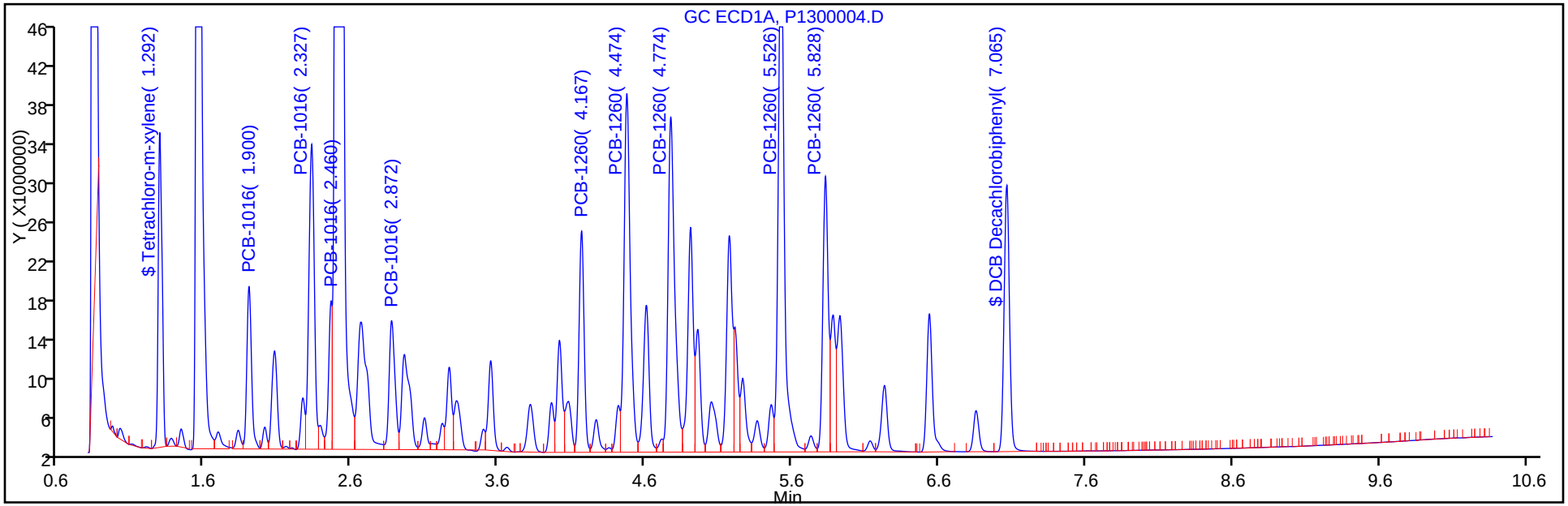
Report Date: 28-Nov-2012 11:21:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

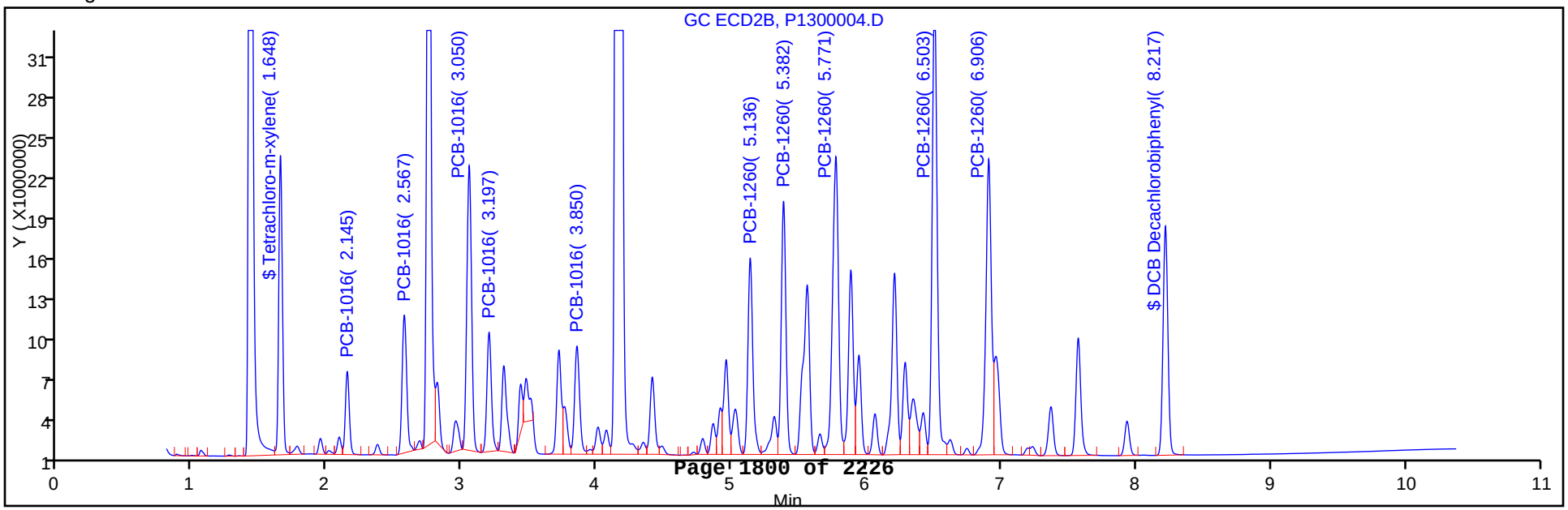
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Injection Date:	27-Nov-2012 02:21:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



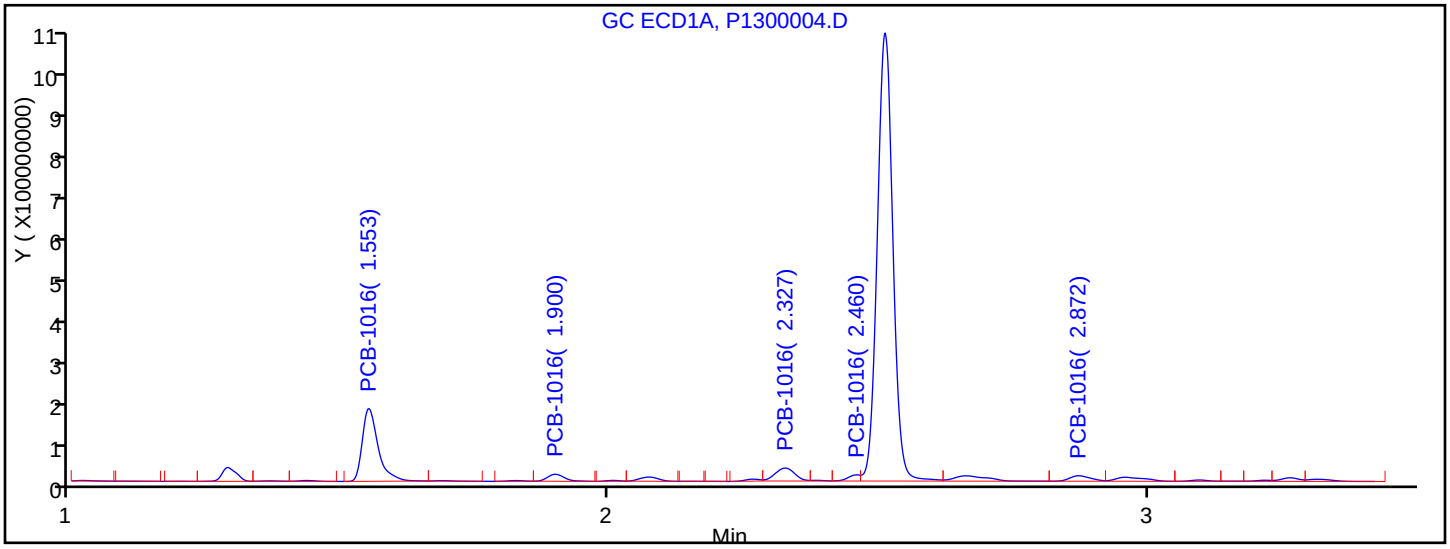
Report Date: 28-Nov-2012 11:21:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300004.D

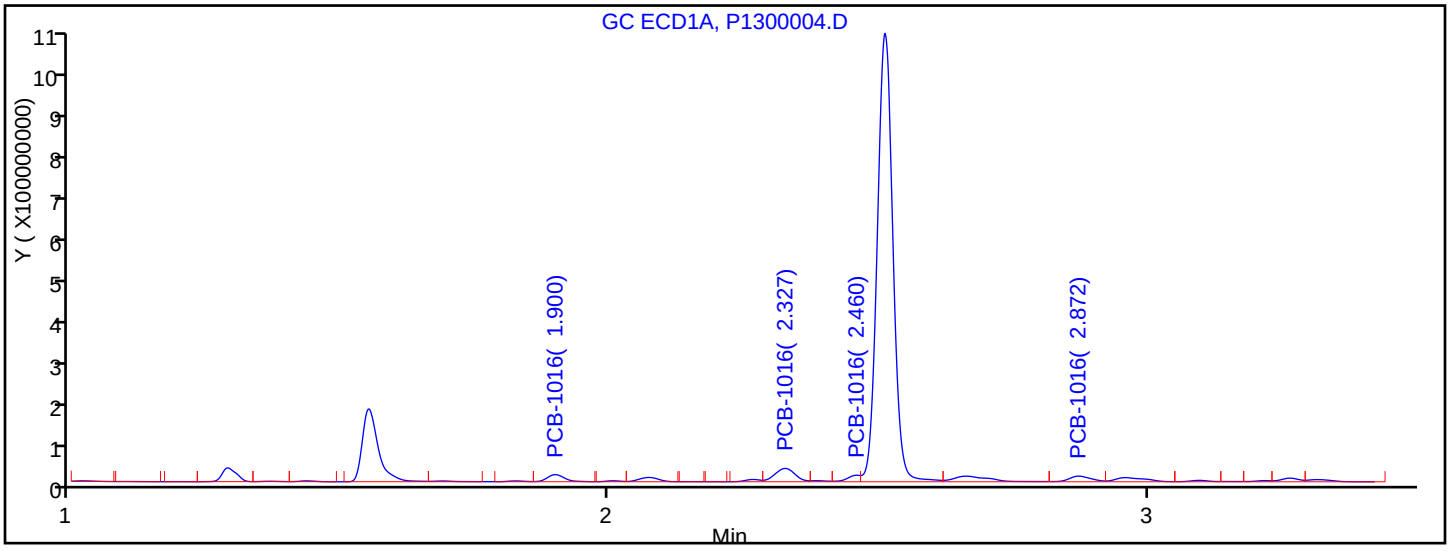
Injection Date:	27-Nov-2012 02:21:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.553	Response = 344814825	
RT = 1.900	Response = 35074369	M
RT = 2.327	Response = 76089435	M
RT = 2.460	Response = 21643307	M
RT = 2.872	Response = 33734587	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 1.900	Response = 36838111	M
RT = 2.327	Response = 81049967	M
RT = 2.460	Response = 24333609	M
RT = 2.872	Response = 36771809	M

Reviewer: hassl, 27-Nov-2012 09:50:52

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/4 Calibration Date: 11/27/2012 02:21

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	25123076		0.559	0.500	11.8	20.0
PCB-1016 Peak 2	Ave	46910344	48300156		0.515	0.500	3.0	20.0
PCB-1016 Peak 3	Ave	90857261	102142222		0.562	0.500	12.4	20.0
PCB-1016 Peak 4	Ave	38716589	41226510		0.532	0.500	6.5	20.0
PCB-1016 Peak 5	Ave	36067525	41540948		0.576	0.500	15.2	20.0
PCB-1260 Peak 1	Ave	66648717	73635260		0.552	0.500	10.5	20.0
PCB-1260 Peak 2	Lin1		89724070		0.596	0.500	19.1	20.0
PCB-1260 Peak 3	Ave	116834929	136207000		0.583	0.500	16.6	20.0
PCB-1260 Peak 4	Ave	142290611	175417700		0.616	0.500	23.3*	20.0
PCB-1260 Peak 5	Ave	104134113	125639430		0.603	0.500	20.7*	20.0
Tetrachloro-m-xylene	Ave	1437051097	1670810560		0.0291	0.0250	16.3	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1684802280		0.0313	0.0250	25.1*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/4 Calibration Date: 11/27/2012 02:21

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300004.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.10	2.20
PCB-1016 Peak 2	2.57	2.52	2.62
PCB-1016 Peak 3	3.05	3.00	3.10
PCB-1016 Peak 4	3.20	3.15	3.25
PCB-1016 Peak 5	3.85	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.38	5.33	5.43
PCB-1260 Peak 3	5.77	5.72	5.82
PCB-1260 Peak 4	6.50	6.45	6.55
PCB-1260 Peak 5	6.91	6.86	6.96
Tetrachloro-m-xylene	1.65	1.60	1.70
DCB Decachlorobiphenyl	8.22	8.17	8.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300004.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 27-Nov-2012 02:21:55 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015278-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 1/cm ALS Bottle#: 4
Lims Batch ID: 66323 Lims Sample ID: 4
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m
Last Update: 28-Nov-2012 11:21:14 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: XAWRK013

First Level Reviewer: bosworthh Date: 28-Nov-2012 10:52:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.292	0.000	59203156	0.0259			
2	2	1.648	1.648	0.000	41770264	0.0291			
						RPD = 11.39			
6 PCB-1016									M
1	100	0.0	1.553	-1.553	0	0		100.0	
1	2	1.900	1.900	0.000	36838111	0.5125	149.3- 199.3		M
1	3	2.327	2.327	0.000	81049967	0.5222	350.2- 400.2		M
1	4	2.460	2.460	0.000	24333609	0.3774	130.7- 180.7		M
1	5	2.872	2.872	0.000	36771809	0.5420	137.9- 187.9		M
			Average of Peak Amounts =			0.4885			
2	6	2.145	2.145	0.000	12561538	0.5589		100.0	
2	7	2.567	2.567	0.000	24150078	0.5148	176.5- 236.5	192.3	
2	8	3.050	3.050	0.000	51071111	0.5621	362.5- 422.5	406.6	
2	9	3.197	3.197	0.000	20613255	0.5324	137.9- 197.9	164.1	
2	10	3.850	3.850	0.000	20770474	0.5759	118.8- 178.8	165.3	
			Average of Peak Amounts =			0.5488			
						RPD = 11.63			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	54306650	0.5358		100.0	
1	2	4.474	4.474	0.000	108346119	0.5400	175.1- 225.1	199.5	
1	3	4.774	4.774	0.000	108993739	0.5449	173.2- 223.2	200.7	
1	4	5.526	5.526	0.000	153975502	0.5665	244.1- 294.1	283.5	
1	5	5.828	5.828	0.000	71118640	0.5507	101.5- 151.5	131.0	
			Average of Peak Amounts =			0.5476			
2	6	5.136	5.136	0.000	36817630	0.5524		100.0	
2	7	5.382	5.382	0.000	44862035	0.5955	86.6- 146.6	121.8	
2	8	5.771	5.771	0.000	68103500	0.5829	142.9- 202.9	185.0	
2	9	6.503	6.503	0.000	87708850	0.6164	179.5- 239.5	238.2	
2	10	6.906	6.906	0.000	62819715	0.6033	121.8- 181.8	170.6	
			Average of Peak Amounts =			0.5901			
						RPD = 7.48			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	69549306	0.0298			
2	2	8.217	8.217	0.000	42120057	0.0313			
						RPD = 4.85			

QC Flag Legend

Review Flags
M - Manually Integrated

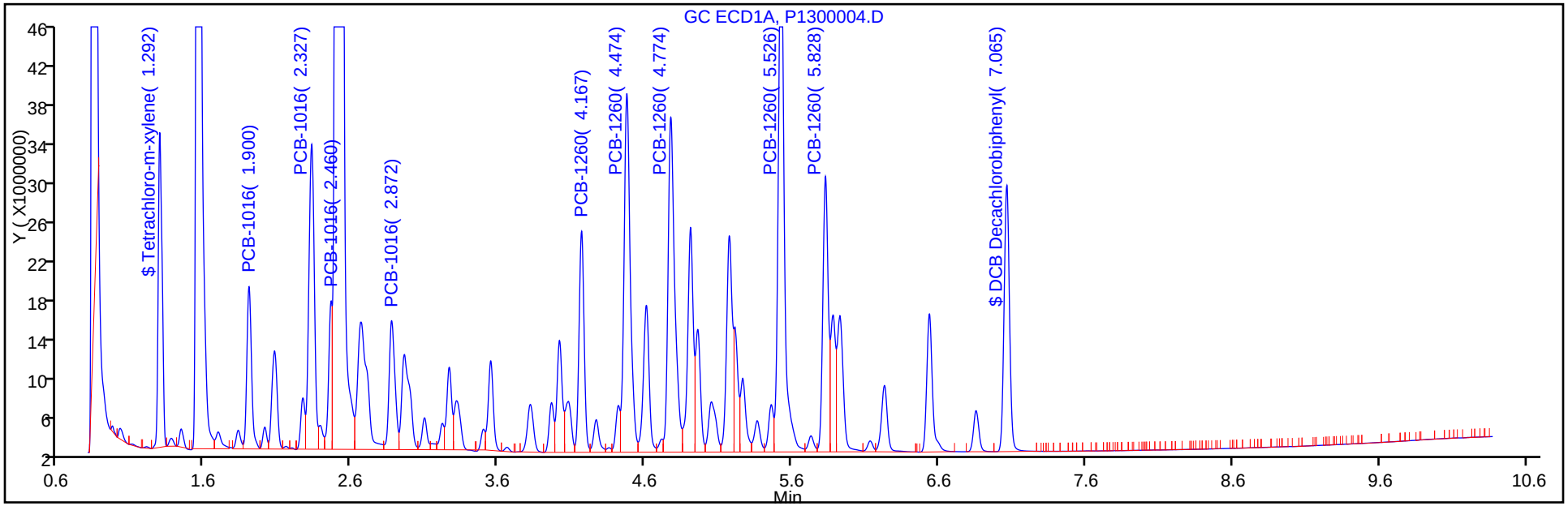
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TestAmerica Canton

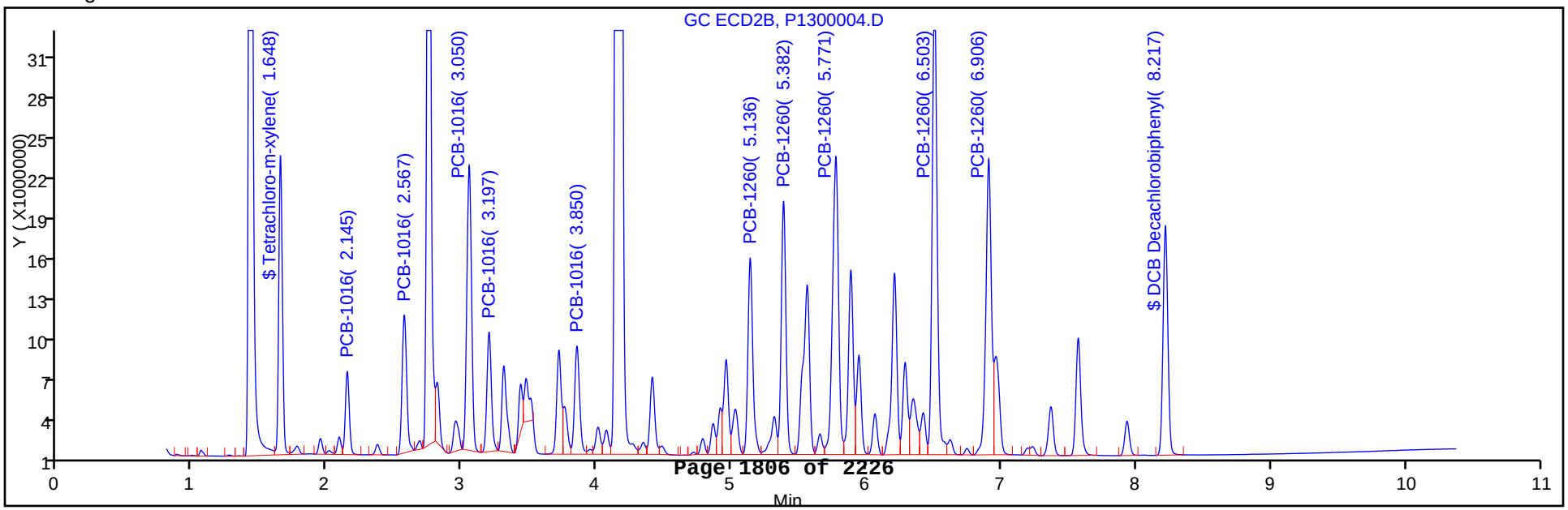
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Injection Date:	27-Nov-2012 02:21:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/19 Calibration Date: 11/27/2012 06:05

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	38770258		0.477	0.500	-4.6	20.0
PCB-1016 Peak 2	Ave	71876982	73537932		0.512	0.500	2.3	20.0
PCB-1016 Peak 3	Ave	155218061	156520942		0.504	0.500	0.8	20.0
PCB-1016 Peak 4	Ave	64472512	66631102		0.517	0.500	3.3	20.0
PCB-1016 Peak 5	Ave	67849134	68138536		0.502	0.500	0.4	20.0
PCB-1260 Peak 1	Ave	101355640	101615798		0.501	0.500	0.3	20.0
PCB-1260 Peak 2	Ave	200632590	203773340		0.508	0.500	1.6	20.0
PCB-1260 Peak 3	Ave	200043209	202854550		0.507	0.500	1.4	20.0
PCB-1260 Peak 4	Ave	271809958	277686590		0.511	0.500	2.2	20.0
PCB-1260 Peak 5	Ave	129152153	128760574		0.498	0.500	-0.3	20.0
Tetrachloro-m-xylene	Ave	2282867563	2304794040		0.0252	0.0250	1.0	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2348688480		0.0252	0.0250	0.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/19 Calibration Date: 11/27/2012 06:05

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300019.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.59	1.54	1.64
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.28	2.38
PCB-1016 Peak 4	2.46	2.41	2.51
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.17	4.12	4.22
PCB-1260 Peak 2	4.48	4.43	4.53
PCB-1260 Peak 3	4.78	4.73	4.83
PCB-1260 Peak 4	5.53	5.48	5.58
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.07	7.02	7.12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300019.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 27-Nov-2012 06:05:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015278-019
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 1/cm ALS Bottle#: 19
Lims Batch ID: 66323 Lims Sample ID: 19
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m
Last Update: 27-Nov-2012 09:54:27 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: XAWRK003

First Level Reviewer: hassl Date: 27-Nov-2012 09:44:24

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	1.293	0.000	57619851	0.0252			
2	2	1.648	1.648	0.000	38284326	0.0266			
						RPD = 5.40			
6 PCB-1016									M
1	100	1.593	1.593	0.000	19385129	0.4768		100.0	M
1	2	1.902	1.902	0.000	36768966	0.5116	149.3- 199.3	189.7	M
1	3	2.329	2.329	0.000	78260471	0.5042	350.2- 400.2	403.7	M
1	4	2.460	2.460	0.000	33315551	0.5167	130.7- 180.7	171.9	M
1	5	2.873	2.873	0.000	34069268	0.5021	137.9- 187.9	175.7	M
			Average of Peak Amounts =			0.5023			
2	6	2.144	2.144	0.000	11911590	0.5300		100.0	
2	7	2.567	2.567	0.000	24106430	0.5139	176.5- 236.5	202.4	
2	8	3.049	3.049	0.000	51115229	0.5626	362.5- 422.5	429.1	
2	9	3.198	3.198	0.000	21217678	0.5480	137.9- 197.9	178.1	
2	10	3.849	3.849	0.000	19335221	0.5361	118.8- 178.8	162.3	
			Average of Peak Amounts =			0.5381			
						RPD = 6.89			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.168	4.168	0.000	50807899	0.5013		100.0	M
1	2	4.478	4.478	0.000	101886670	0.5078	175.1- 225.1	200.5	M
1	3	4.777	4.777	0.000	101427275	0.5070	173.2- 223.2	199.6	M
1	4	5.528	5.528	0.000	138843295	0.5108	244.1- 294.1	273.3	M
1	5	5.830	5.830	0.000	64380287	0.4985	101.5- 151.5	126.7	M
			Average of Peak Amounts =			0.5051			
2	6	5.135	5.135	0.000	34905265	0.5237		100.0	
2	7	5.383	5.383	0.000	43795939	0.5803	86.6- 146.6	125.5	
2	8	5.771	5.771	0.000	63820849	0.5462	142.9- 202.9	182.8	
2	9	6.503	6.503	0.000	80509888	0.5658	179.5- 239.5	230.7	
2	10	6.905	6.905	0.000	57642337	0.5535	121.8- 181.8	165.1	
			Average of Peak Amounts =			0.5539			
						RPD = 9.22			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	58717212	0.0252			
2	2	8.218	8.218	0.000	36993475	0.0275			
						RPD = 8.80			

QC Flag Legend

Review Flags
M - Manually Integrated

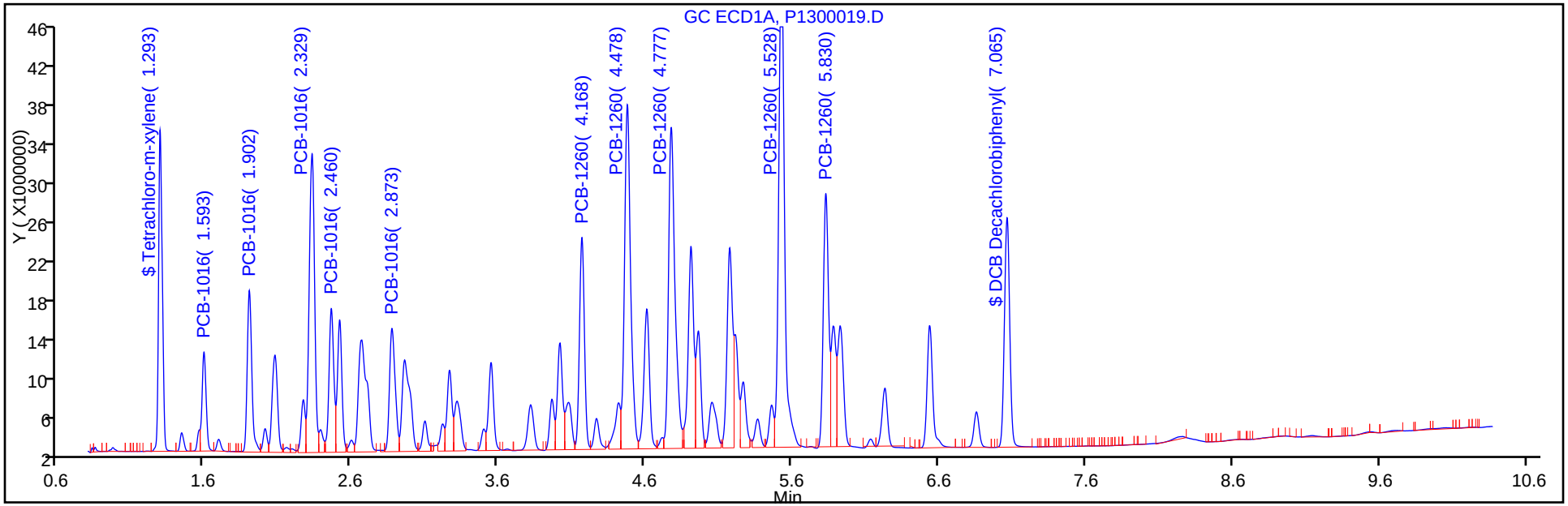
Report Date: 27-Nov-2012 09:54:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

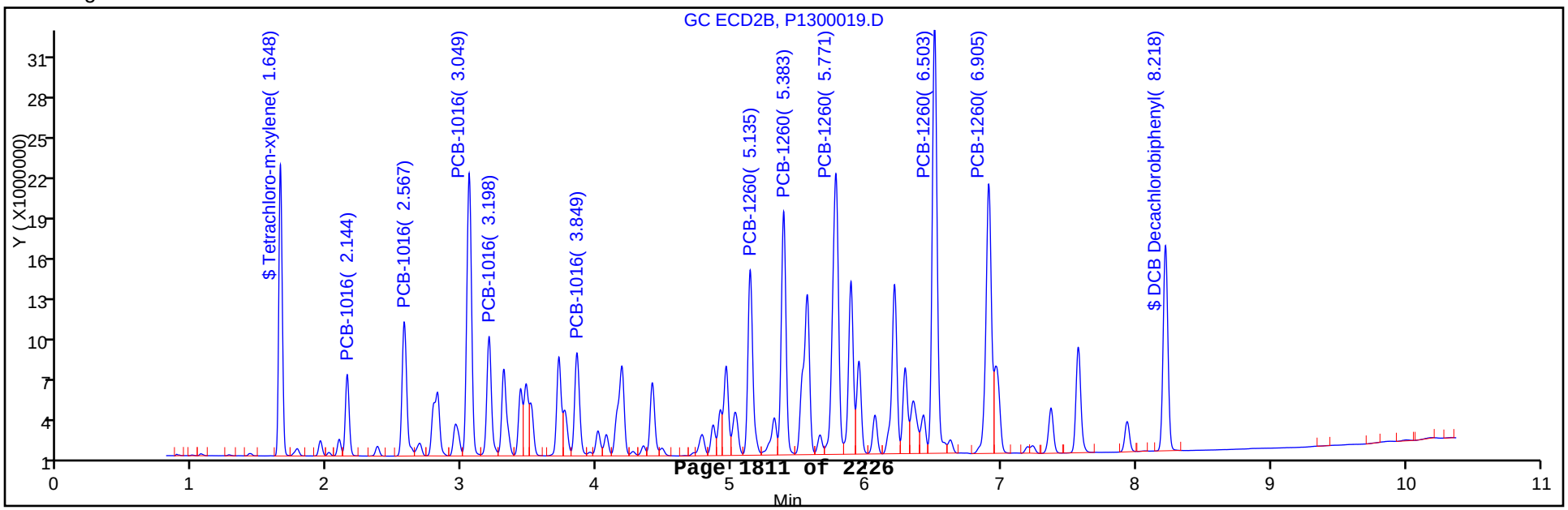
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Injection Date:	27-Nov-2012 06:05:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



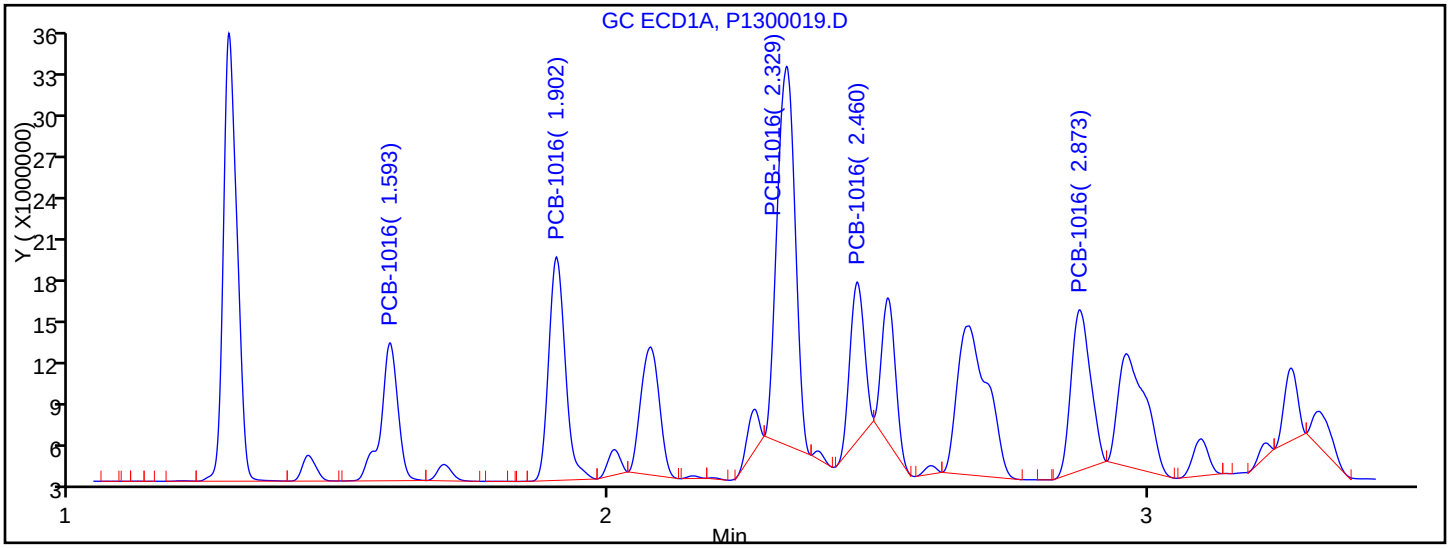
Report Date: 27-Nov-2012 09:54:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300019.D

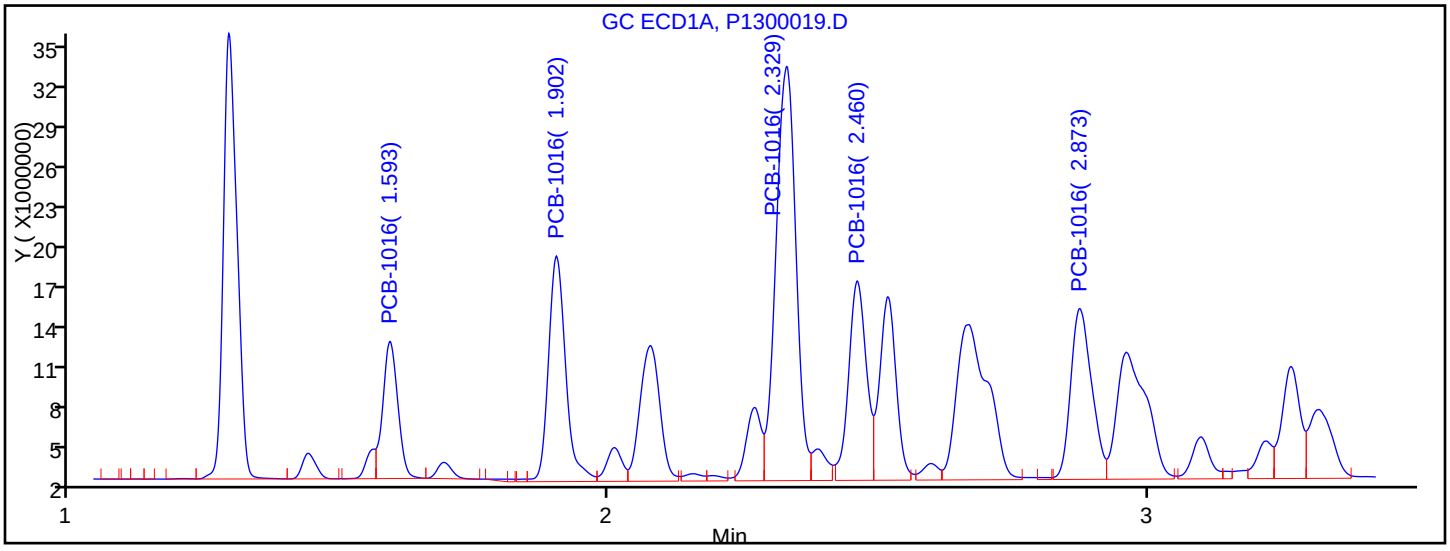
Injection Date:	27-Nov-2012 06:05:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.593	Response = 22072102	M
RT = 1.902	Response = 34743119	M
RT = 2.329	Response = 64171770	M
RT = 2.460	Response = 21454211	M
RT = 2.873	Response = 29299150	M



Manual Integration Results

RT = 1.593	Response = 19385129	M
RT = 1.902	Response = 36768966	M
RT = 2.329	Response = 78260471	M
RT = 2.460	Response = 33315551	M
RT = 2.873	Response = 34069268	M

Reviewer: hassl, 27-Nov-2012 09:44:24

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

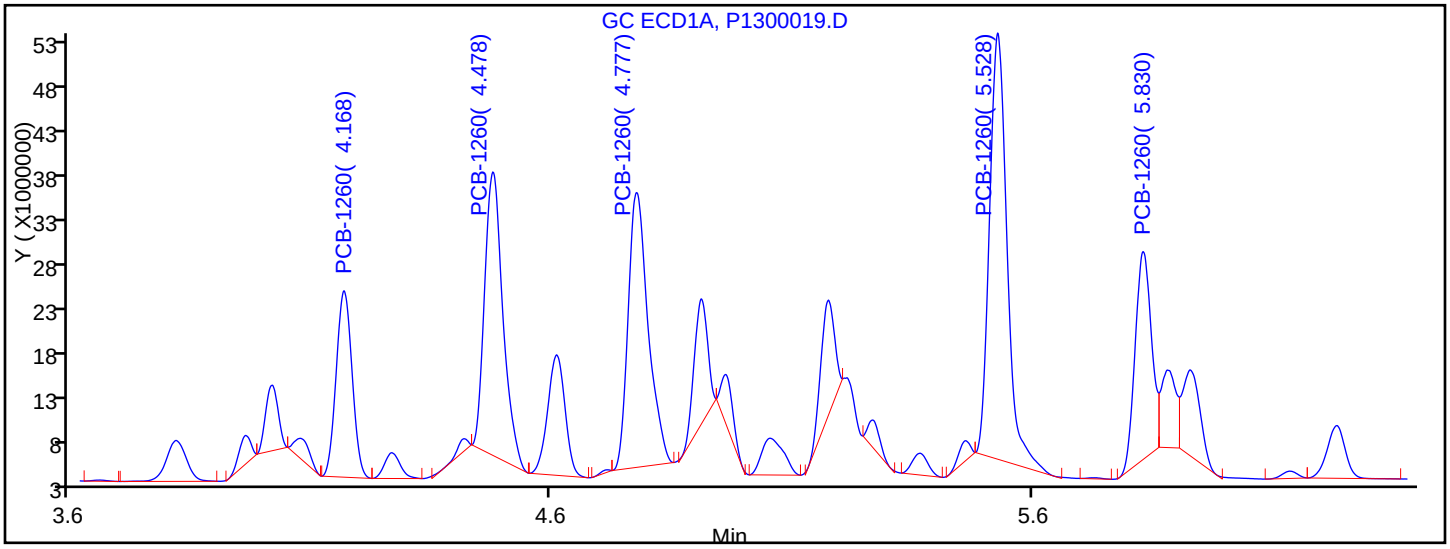
Report Date: 27-Nov-2012 09:54:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300019.D

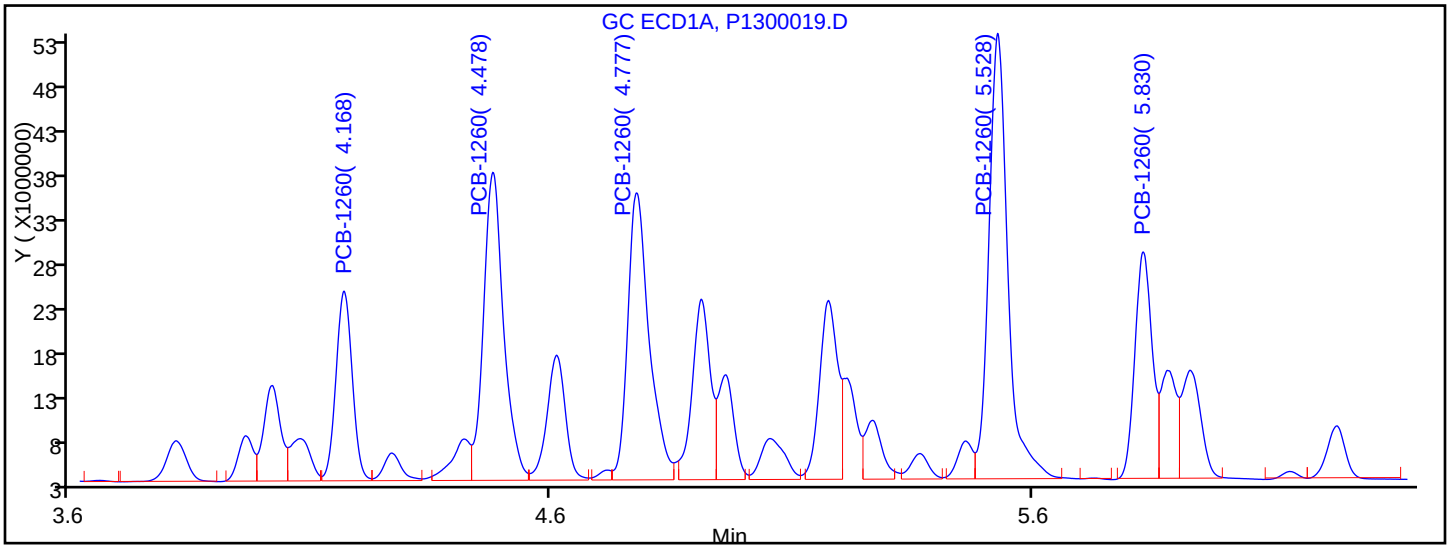
Injection Date:	27-Nov-2012 06:05:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 4.168	Response = 48588136	M
RT = 4.478	Response = 85001233	M
RT = 4.777	Response = 90087724	M
RT = 5.528	Response = 123025615	M
RT = 5.830	Response = 55695071	M



Manual Integration Results

RT = 4.168	Response = 50807899	M
RT = 4.478	Response = 101886670	M
RT = 4.777	Response = 101427275	M
RT = 5.528	Response = 138843295	M
RT = 5.830	Response = 64380287	M

Reviewer: hassl, 27-Nov-2012 09:44:24

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/19 Calibration Date: 11/27/2012 06:05

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	23823180		0.530	0.500	6.0	20.0
PCB-1016 Peak 2	Ave	46910344	48212860		0.514	0.500	2.8	20.0
PCB-1016 Peak 3	Ave	90857261	102230458		0.563	0.500	12.5	20.0
PCB-1016 Peak 4	Ave	38716589	42435356		0.548	0.500	9.6	20.0
PCB-1016 Peak 5	Ave	36067525	38670442		0.536	0.500	7.2	20.0
PCB-1260 Peak 1	Ave	66648717	69810530		0.524	0.500	4.7	20.0
PCB-1260 Peak 2	Lin1		87591878		0.580	0.500	16.1	20.0
PCB-1260 Peak 3	Ave	116834929	127641698		0.546	0.500	9.2	20.0
PCB-1260 Peak 4	Ave	142290611	161019776		0.566	0.500	13.2	20.0
PCB-1260 Peak 5	Ave	104134113	115284674		0.554	0.500	10.7	20.0
Tetrachloro-m-xylene	Ave	1437051097	1531373040		0.0266	0.0250	6.6	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1479739000		0.0275	0.0250	9.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/19 Calibration Date: 11/27/2012 06:05

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300019.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.57	2.52	2.62
PCB-1016 Peak 3	3.05	3.00	3.10
PCB-1016 Peak 4	3.20	3.15	3.25
PCB-1016 Peak 5	3.85	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.38	5.33	5.43
PCB-1260 Peak 3	5.77	5.72	5.82
PCB-1260 Peak 4	6.50	6.45	6.55
PCB-1260 Peak 5	6.91	6.86	6.96
Tetrachloro-m-xylene	1.65	1.60	1.70
DCB Decachlorobiphenyl	8.22	8.17	8.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300019.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 27-Nov-2012 06:05:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015278-019
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 1/cm ALS Bottle#: 19
Lims Batch ID: 66323 Lims Sample ID: 19
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m
Last Update: 27-Nov-2012 09:54:27 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: XAWRK003

First Level Reviewer: hassl Date: 27-Nov-2012 09:44:24

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	1.293	0.000	57619851	0.0252			
2	2	1.648	1.648	0.000	38284326	0.0266			
						RPD = 5.40			
6 PCB-1016									M
1	100	1.593	1.593	0.000	19385129	0.4768		100.0	M
1	2	1.902	1.902	0.000	36768966	0.5116	149.3- 199.3	189.7	M
1	3	2.329	2.329	0.000	78260471	0.5042	350.2- 400.2	403.7	M
1	4	2.460	2.460	0.000	33315551	0.5167	130.7- 180.7	171.9	M
1	5	2.873	2.873	0.000	34069268	0.5021	137.9- 187.9	175.7	M
			Average of Peak Amounts =			0.5023			
2	6	2.144	2.144	0.000	11911590	0.5300		100.0	
2	7	2.567	2.567	0.000	24106430	0.5139	176.5- 236.5	202.4	
2	8	3.049	3.049	0.000	51115229	0.5626	362.5- 422.5	429.1	
2	9	3.198	3.198	0.000	21217678	0.5480	137.9- 197.9	178.1	
2	10	3.849	3.849	0.000	19335221	0.5361	118.8- 178.8	162.3	
			Average of Peak Amounts =			0.5381			
						RPD = 6.89			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.168	4.168	0.000	50807899	0.5013		100.0	M
1	2	4.478	4.478	0.000	101886670	0.5078	175.1- 225.1	200.5	M
1	3	4.777	4.777	0.000	101427275	0.5070	173.2- 223.2	199.6	M
1	4	5.528	5.528	0.000	138843295	0.5108	244.1- 294.1	273.3	M
1	5	5.830	5.830	0.000	64380287	0.4985	101.5- 151.5	126.7	M
			Average of Peak Amounts =			0.5051			
2	6	5.135	5.135	0.000	34905265	0.5237		100.0	
2	7	5.383	5.383	0.000	43795939	0.5803	86.6- 146.6	125.5	
2	8	5.771	5.771	0.000	63820849	0.5462	142.9- 202.9	182.8	
2	9	6.503	6.503	0.000	80509888	0.5658	179.5- 239.5	230.7	
2	10	6.905	6.905	0.000	57642337	0.5535	121.8- 181.8	165.1	
			Average of Peak Amounts =			0.5539			
						RPD = 9.22			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	58717212	0.0252			
2	2	8.218	8.218	0.000	36993475	0.0275			
						RPD = 8.80			

QC Flag Legend

Review Flags
M - Manually Integrated

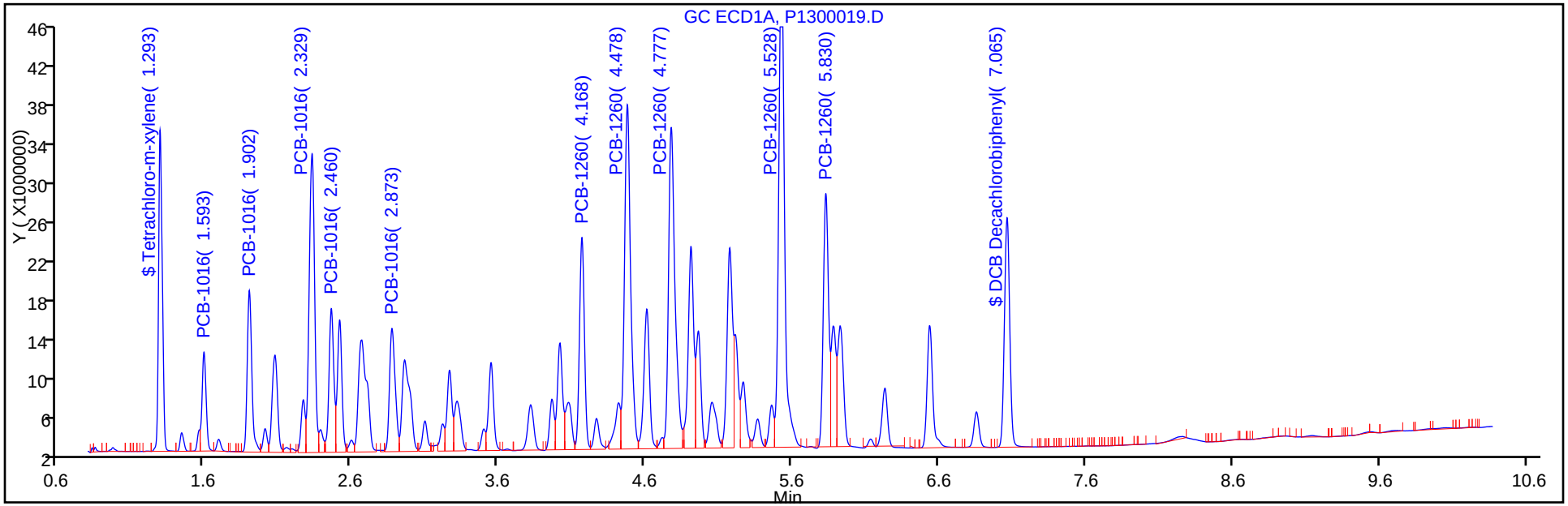
Report Date: 27-Nov-2012 09:54:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

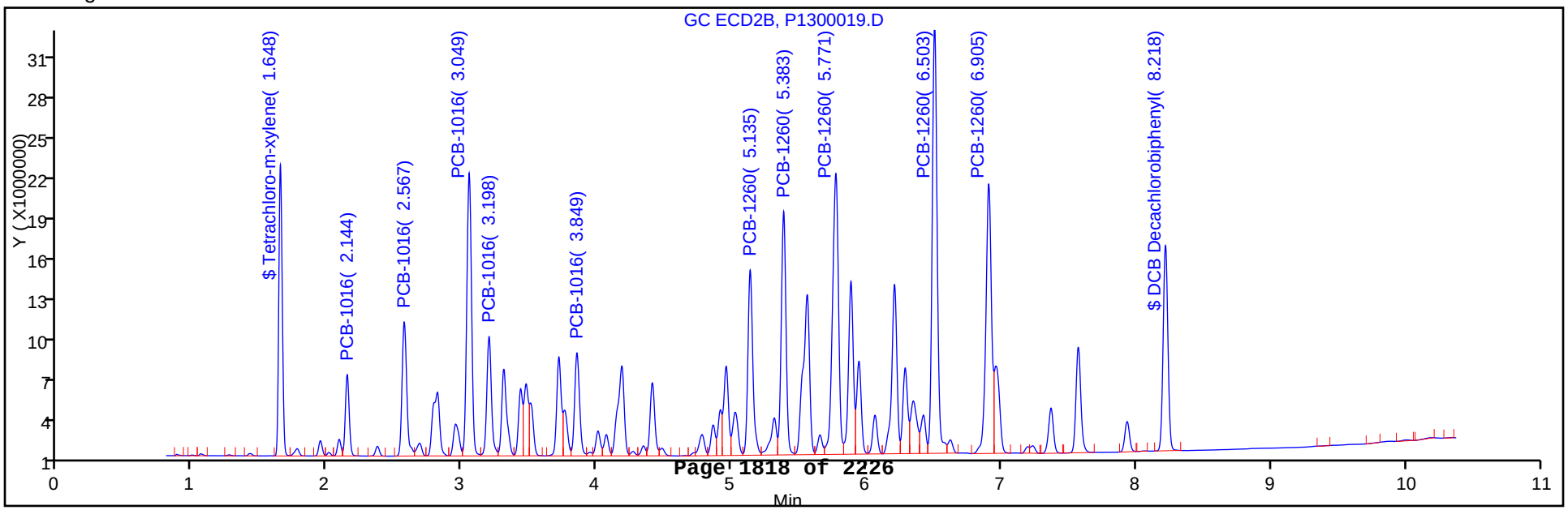
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300019.D

Injection Date:	27-Nov-2012 06:05:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/30 Calibration Date: 11/27/2012 08:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	41028572		0.505	0.500	0.9	20.0
PCB-1016 Peak 2	Ave	71876982	71152546		0.495	0.500	-1.0	20.0
PCB-1016 Peak 3	Ave	155218061	156759202		0.505	0.500	1.0	20.0
PCB-1016 Peak 4	Ave	64472512	65263000		0.506	0.500	1.2	20.0
PCB-1016 Peak 5	Ave	67849134	66088696		0.487	0.500	-2.6	20.0
PCB-1260 Peak 1	Ave	101355640	98259700		0.485	0.500	-3.1	20.0
PCB-1260 Peak 2	Ave	200632590	200287174		0.499	0.500	-0.2	20.0
PCB-1260 Peak 3	Ave	200043209	199577944		0.499	0.500	-0.2	20.0
PCB-1260 Peak 4	Ave	271809958	278118998		0.512	0.500	2.3	20.0
PCB-1260 Peak 5	Ave	129152153	129731252		0.502	0.500	0.4	20.0
Tetrachloro-m-xylene	Ave	2282867563	2348172680		0.0257	0.0250	2.9	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2403909200		0.0257	0.0250	3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/30 Calibration Date: 11/27/2012 08:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300030.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.59	1.54	1.64
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.28	2.38
PCB-1016 Peak 4	2.46	2.41	2.51
PCB-1016 Peak 5	2.88	2.83	2.93
PCB-1260 Peak 1	4.17	4.12	4.22
PCB-1260 Peak 2	4.48	4.43	4.53
PCB-1260 Peak 3	4.78	4.73	4.83
PCB-1260 Peak 4	5.53	5.48	5.58
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.07	7.02	7.12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300030.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 27-Nov-2012 08:49:54 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015278-030
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 1/cm ALS Bottle#: 30
Lims Batch ID: 66323 Lims Sample ID: 30
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m
Last Update: 27-Nov-2012 09:54:40 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: XAWRK003

First Level Reviewer: hassl Date: 27-Nov-2012 09:53:48

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	1.294	0.000	58704317	0.0257			
2	2	1.648	1.648	0.000	38461370	0.0268			
						RPD = 4.00			
6 PCB-1016									M
1	100	1.593	1.593	0.000	20514286	0.5046		100.0	M
1	2	1.903	1.903	0.000	35576273	0.4950	149.3- 199.3	173.4	
1	3	2.329	2.329	0.000	78379601	0.5050	350.2- 400.2	382.1	
1	4	2.461	2.461	0.000	32631500	0.5061	130.7- 180.7	159.1	
1	5	2.876	2.876	0.000	33044348	0.4870	137.9- 187.9	161.1	
			Average of Peak Amounts =			0.4995			
2	6	2.144	2.144	0.000	12040913	0.5358		100.0	
2	7	2.568	2.568	0.000	24225247	0.5164	176.5- 236.5	201.2	
2	8	3.050	3.050	0.000	50009716	0.5504	362.5- 422.5	415.3	
2	9	3.199	3.199	0.000	20103994	0.5193	137.9- 197.9	167.0	
2	10	3.850	3.850	0.000	19437240	0.5389	118.8- 178.8	161.4	
			Average of Peak Amounts =			0.5322			
						RPD = 6.32			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.170	4.170	0.000	49129850	0.4847		100.0	
1	2	4.479	4.479	0.000	100143587	0.4991	175.1- 225.1	203.8	
1	3	4.778	4.778	0.000	99788972	0.4988	173.2- 223.2	203.1	
1	4	5.529	5.529	0.000	139059499	0.5116	244.1- 294.1	283.0	
1	5	5.832	5.832	0.000	64865626	0.5022	101.5- 151.5	132.0	
			Average of Peak Amounts =			0.4993			
2	6	5.136	5.136	0.000	35200789	0.5282		100.0	
2	7	5.384	5.384	0.000	43720582	0.5793	86.6- 146.6	124.2	
2	8	5.771	5.771	0.000	64665536	0.5535	142.9- 202.9	183.7	
2	9	6.505	6.505	0.000	82166254	0.5775	179.5- 239.5	233.4	
2	10	6.907	6.907	0.000	58619358	0.5629	121.8- 181.8	166.5	
			Average of Peak Amounts =			0.5603			
						RPD = 11.50			
$ 12 DCB Decachlorobiphenyl									
1	100	7.067	7.067	0.000	60097730	0.0257			
2	2	8.219	8.219	0.000	37731781	0.0280			
						RPD = 8.45			

QC Flag Legend

Review Flags
M - Manually Integrated

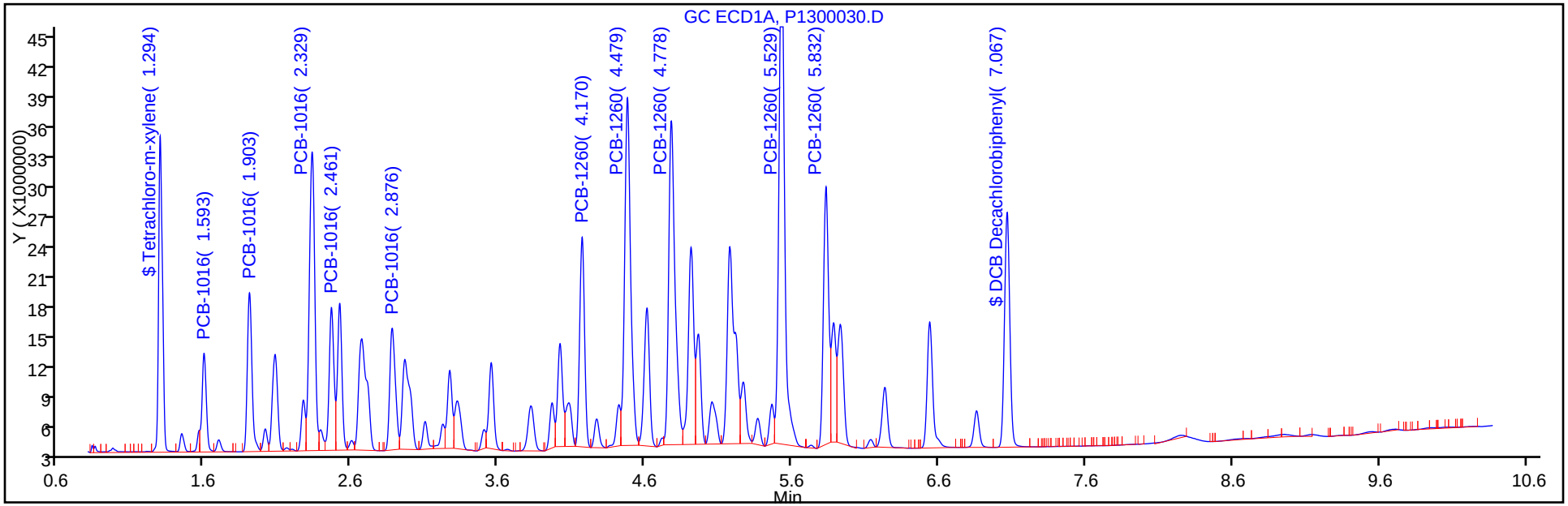
Report Date: 27-Nov-2012 09:54:40 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

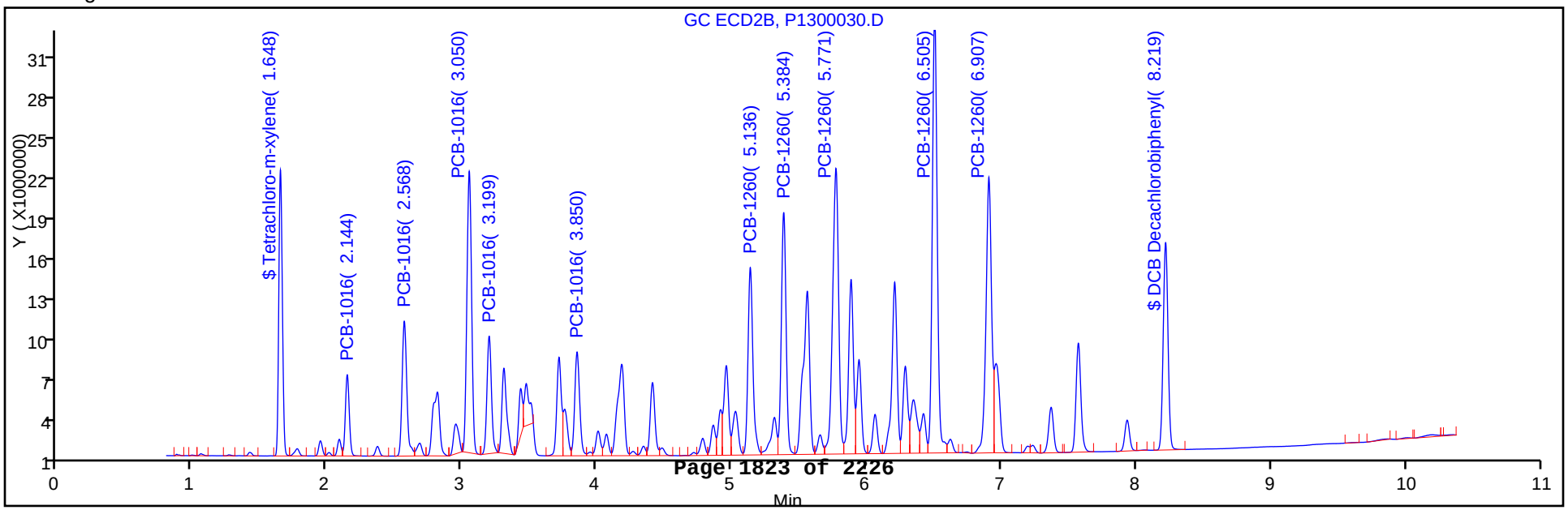
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Injection Date:	27-Nov-2012 08:49:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



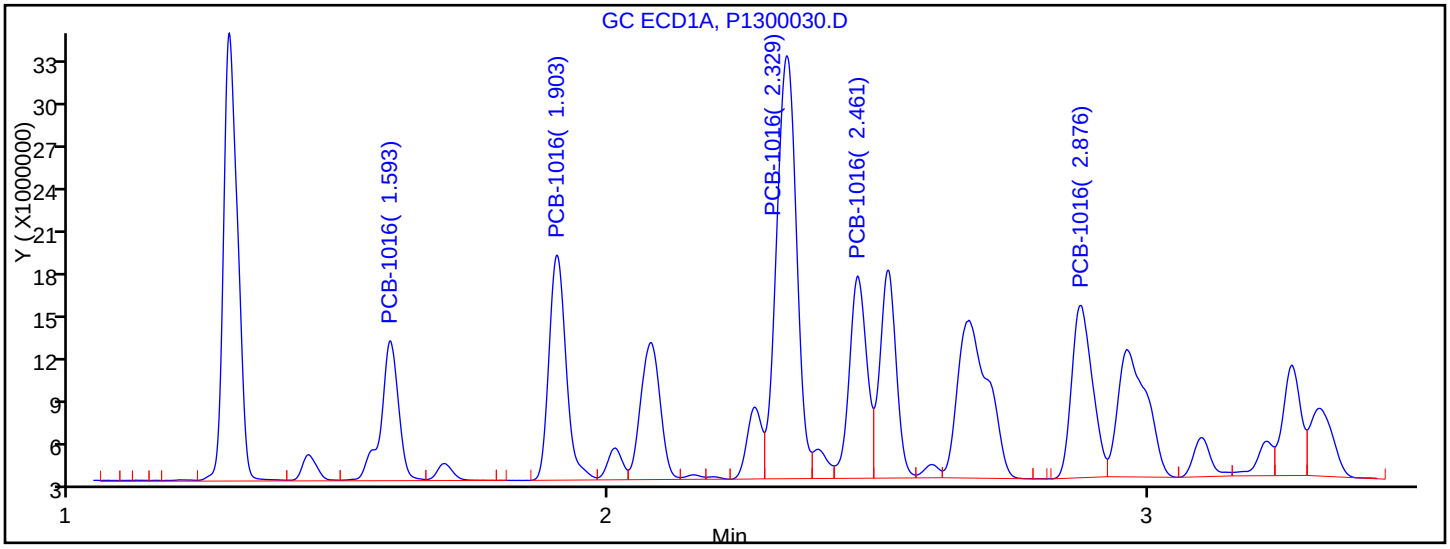
Report Date: 27-Nov-2012 09:54:41 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300030.D

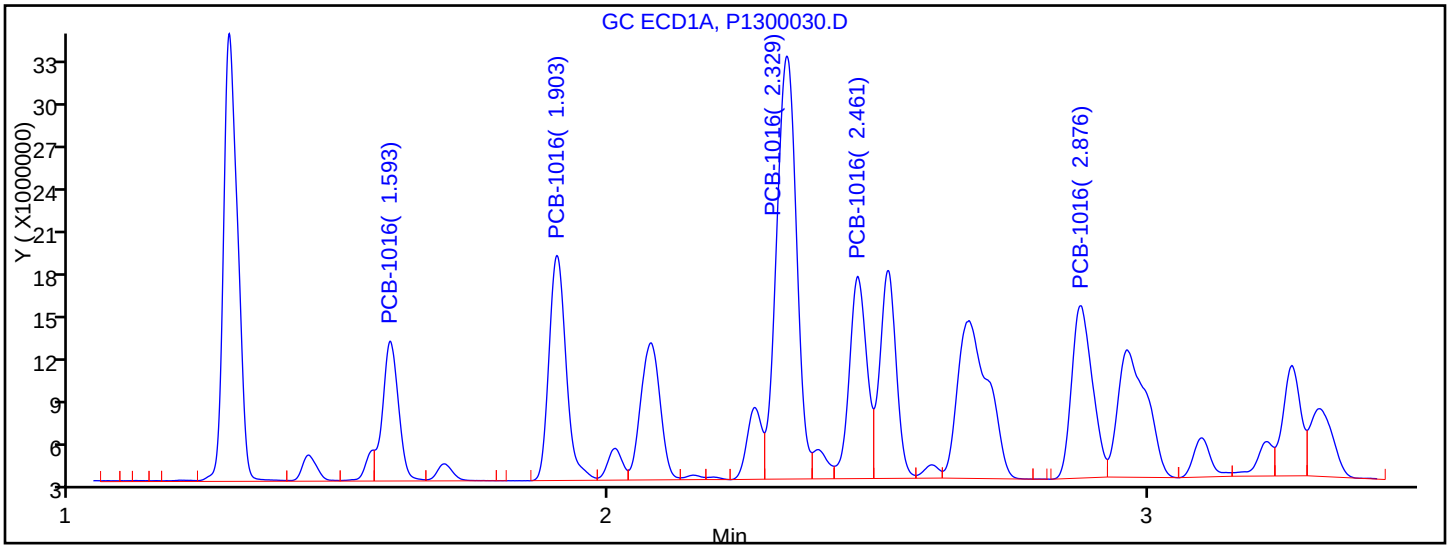
Injection Date:	27-Nov-2012 08:49:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.593	Response = 22990688	M
RT = 1.903	Response = 35576273	
RT = 2.329	Response = 78379601	
RT = 2.461	Response = 32631500	
RT = 2.876	Response = 33044348	



Manual Integration Results

RT = 1.593	Response = 20514286	M
RT = 1.903	Response = 35576273	
RT = 2.329	Response = 78379601	
RT = 2.461	Response = 32631500	
RT = 2.876	Response = 33044348	

Reviewer: hassl, 27-Nov-2012 09:53:48

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/30 Calibration Date: 11/27/2012 08:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	24081826		0.536	0.500	7.2	20.0
PCB-1016 Peak 2	Ave	46910344	48450494		0.516	0.500	3.3	20.0
PCB-1016 Peak 3	Ave	90857261	100019432		0.550	0.500	10.1	20.0
PCB-1016 Peak 4	Ave	38716589	40207988		0.519	0.500	3.9	20.0
PCB-1016 Peak 5	Ave	36067525	38874480		0.539	0.500	7.8	20.0
PCB-1260 Peak 1	Ave	66648717	70401578		0.528	0.500	5.6	20.0
PCB-1260 Peak 2	Lin1		87441164		0.579	0.500	15.9	20.0
PCB-1260 Peak 3	Ave	116834929	129331072		0.553	0.500	10.7	20.0
PCB-1260 Peak 4	Ave	142290611	164332508		0.577	0.500	15.5	20.0
PCB-1260 Peak 5	Ave	104134113	117238716		0.563	0.500	12.6	20.0
Tetrachloro-m-xylene	Ave	1437051097	1538454800		0.0268	0.0250	7.1	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1509271240		0.0280	0.0250	12.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17467-1

SDG No.:

Lab Sample ID: CCV 240-66323/30 Calibration Date: 11/27/2012 08:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300030.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
PCB-1016 Peak 2	2.57	2.52	2.62
PCB-1016 Peak 3	3.05	3.00	3.10
PCB-1016 Peak 4	3.20	3.15	3.25
PCB-1016 Peak 5	3.85	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.38	5.33	5.43
PCB-1260 Peak 3	5.77	5.72	5.82
PCB-1260 Peak 4	6.51	6.46	6.56
PCB-1260 Peak 5	6.91	6.86	6.96
Tetrachloro-m-xylene	1.65	1.60	1.70
DCB Decachlorobiphenyl	8.22	8.17	8.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300030.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 27-Nov-2012 08:49:54 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015278-030
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 1/cm ALS Bottle#: 30
Lims Batch ID: 66323 Lims Sample ID: 30
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m
Last Update: 27-Nov-2012 09:54:40 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: XAWRK003

First Level Reviewer: hassl Date: 27-Nov-2012 09:53:48

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	1.294	0.000	58704317	0.0257			
2	2	1.648	1.648	0.000	38461370	0.0268			
						RPD = 4.00			
6 PCB-1016									M
1	100	1.593	1.593	0.000	20514286	0.5046		100.0	M
1	2	1.903	1.903	0.000	35576273	0.4950	149.3- 199.3	173.4	
1	3	2.329	2.329	0.000	78379601	0.5050	350.2- 400.2	382.1	
1	4	2.461	2.461	0.000	32631500	0.5061	130.7- 180.7	159.1	
1	5	2.876	2.876	0.000	33044348	0.4870	137.9- 187.9	161.1	
			Average of Peak Amounts =			0.4995			
2	6	2.144	2.144	0.000	12040913	0.5358		100.0	
2	7	2.568	2.568	0.000	24225247	0.5164	176.5- 236.5	201.2	
2	8	3.050	3.050	0.000	50009716	0.5504	362.5- 422.5	415.3	
2	9	3.199	3.199	0.000	20103994	0.5193	137.9- 197.9	167.0	
2	10	3.850	3.850	0.000	19437240	0.5389	118.8- 178.8	161.4	
			Average of Peak Amounts =			0.5322			
						RPD = 6.32			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.170	4.170	0.000	49129850	0.4847		100.0	
1	2	4.479	4.479	0.000	100143587	0.4991	175.1- 225.1	203.8	
1	3	4.778	4.778	0.000	99788972	0.4988	173.2- 223.2	203.1	
1	4	5.529	5.529	0.000	139059499	0.5116	244.1- 294.1	283.0	
1	5	5.832	5.832	0.000	64865626	0.5022	101.5- 151.5	132.0	
			Average of Peak Amounts =			0.4993			
2	6	5.136	5.136	0.000	35200789	0.5282		100.0	
2	7	5.384	5.384	0.000	43720582	0.5793	86.6- 146.6	124.2	
2	8	5.771	5.771	0.000	64665536	0.5535	142.9- 202.9	183.7	
2	9	6.505	6.505	0.000	82166254	0.5775	179.5- 239.5	233.4	
2	10	6.907	6.907	0.000	58619358	0.5629	121.8- 181.8	166.5	
			Average of Peak Amounts =			0.5603			
						RPD = 11.50			
$ 12 DCB Decachlorobiphenyl									
1	100	7.067	7.067	0.000	60097730	0.0257			
2	2	8.219	8.219	0.000	37731781	0.0280			
						RPD = 8.45			

QC Flag Legend

Review Flags
M - Manually Integrated

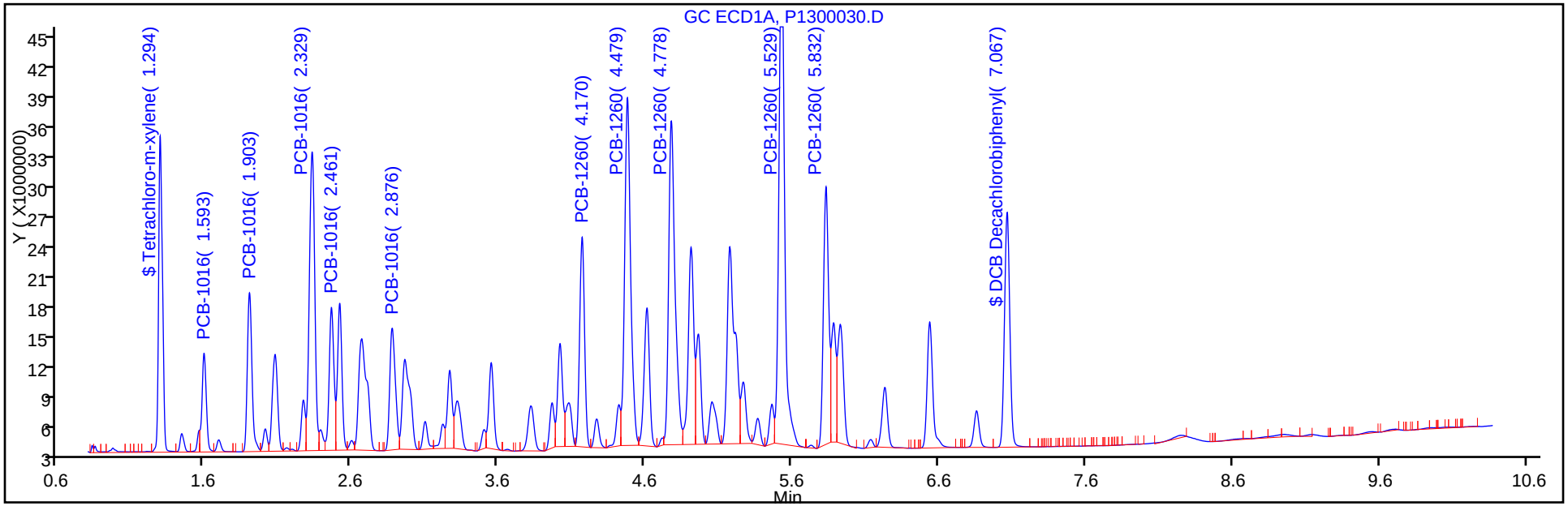
Report Date: 27-Nov-2012 09:54:41 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

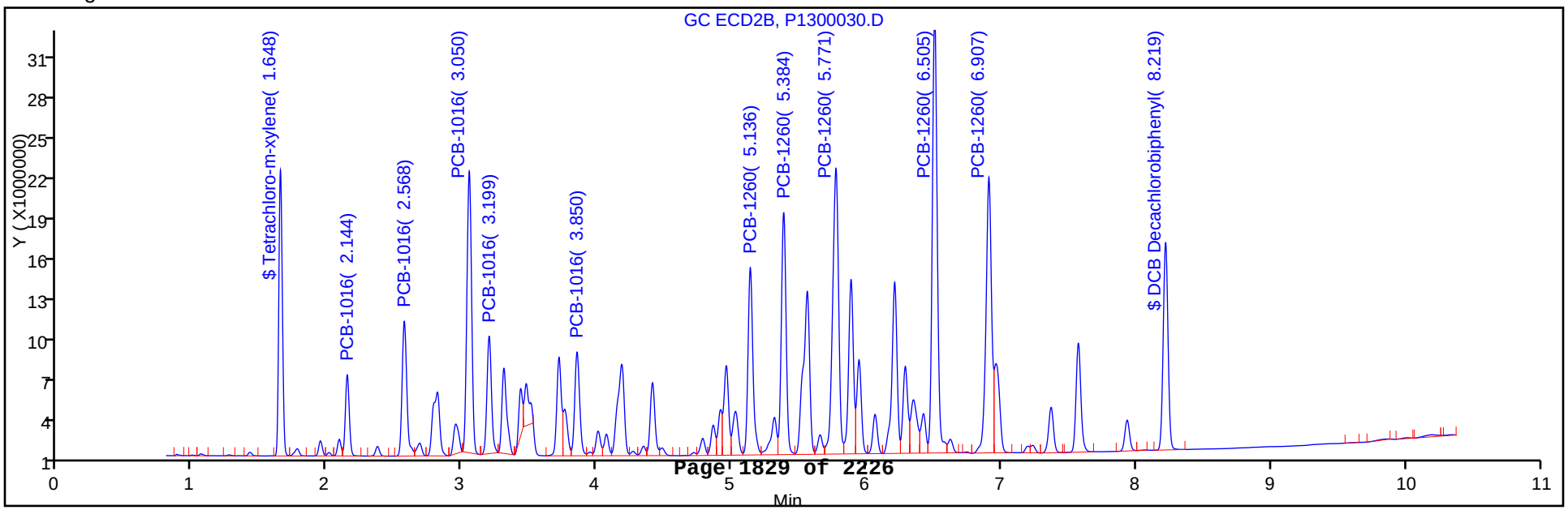
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300030.D

Injection Date:	27-Nov-2012 08:49:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 1/cm
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.: 240-17467-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65753/23-A

Matrix: Solid Lab File ID: P1300018.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 11/20/2012 11:06

Sample wt/vol: 30.00(g) Date Analyzed: 11/27/2012 05:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(1/cm) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 66323 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	82		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300018.D		
Lims ID:	MB 240-65753/23-A	Client ID:	
Inject. Date:	27-Nov-2012 05:50:50	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015278-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 1/cm	ALS Bottle#:	18
Lims Batch ID:	66323	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m		
Last Update:	27-Nov-2012 09:54:17	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:	XAWRK003		

First Level Reviewer: hassl Date: 27-Nov-2012 09:44:50

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	1.292	0.002	33013930	0.0145			
2	2	1.650	1.648	0.002	22601344	0.0157			
						RPD = 8.39			
3 PCB-1221									
1	2		1.441						
1	3		1.593						
1	4		1.555						
2	4		1.946						
2	5		2.086						
2	6		2.146						
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						

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		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.873						
2	6		2.145						
2	7		2.568						
2	8		3.050						
2	9		3.198						
2	10		3.716						
6 PCB-1016									
1	100		1.553						
1	2		1.900						
1	3		2.327						
1	4		2.460						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.326						
1	3		2.872						
1	4		3.494						
1	5		3.963						
2	6		2.567						
2	7		3.048						
2	8		3.717						
2	9		3.848						
2	10		4.913						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.267						
1	4		4.474						
1	5		4.776						
2	6		4.409						
2	7		4.913						
2	8		5.176						
2	9		5.557						
2	10		5.774						

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		4.474						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.136						
2	7		5.382						
2	8		5.771						
2	9		6.503						
2	10		6.906						
9 PCB-1262									1
1	100		4.477						
1	2		4.910						
1	3		5.174						
1	4		5.526						
1	5		5.882						
2	6		5.383						
2	7		5.883						
2	8		6.206						
2	9		6.503						
2	10		6.905						
11 PCB-1268									
1	100		5.884						
1	2		5.920						
1	3		6.135						
1	4		6.539						
1	5		6.857						
2	6		6.904						
2	7		6.954						
2	8		7.233						
2	9		7.571						
2	10		7.932						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	38435703	0.0165			
2	2	8.216	8.217	-0.001	21594409	0.0160			
						RPD = 2.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

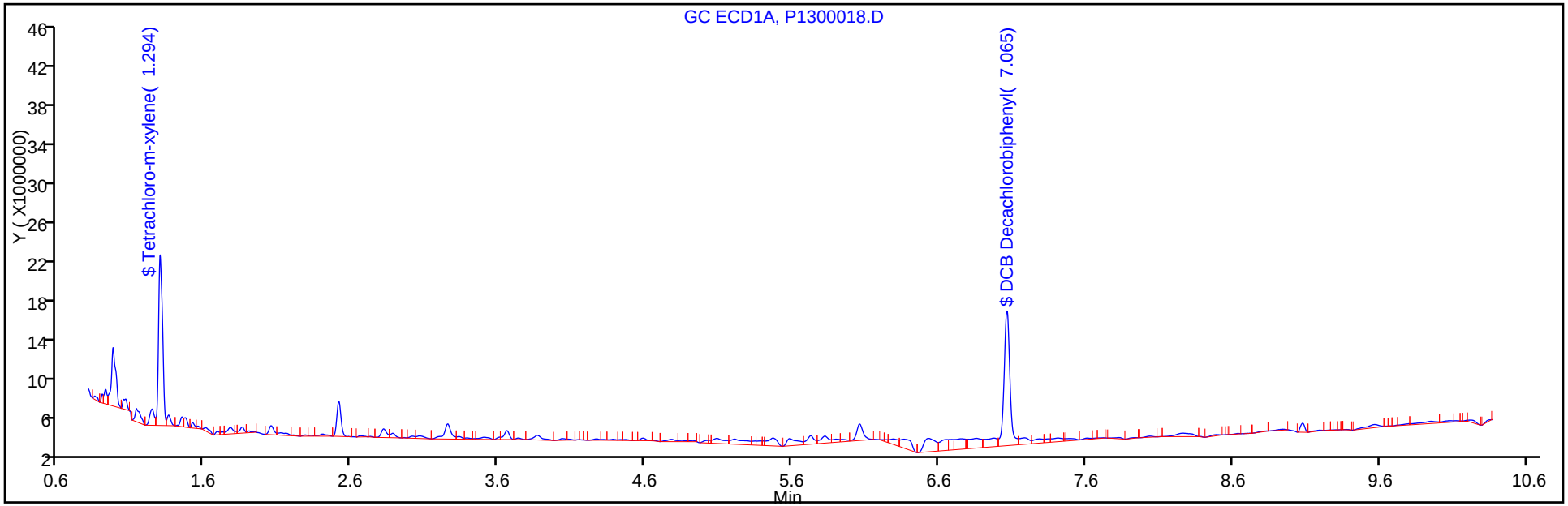
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TestAmerica Canton

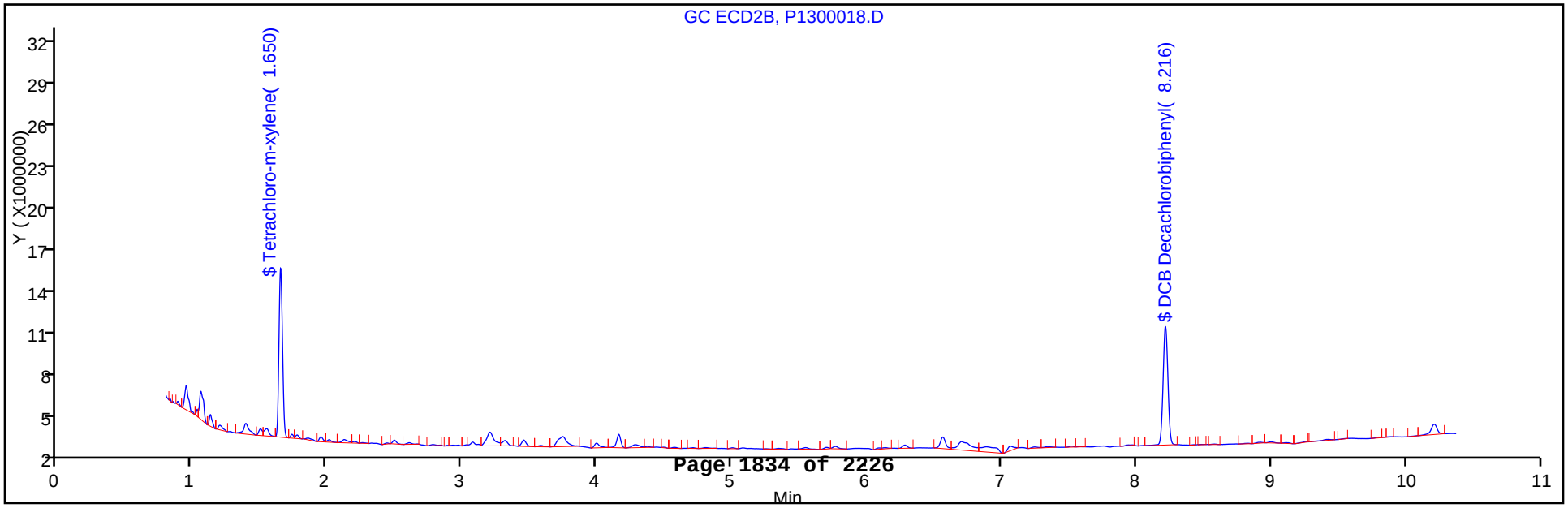
Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300018.D

Injection Date:	27-Nov-2012 05:50:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 1/cm
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.: 240-17467-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65753/23-A

Matrix: Solid | Lab File ID: P1300018.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/20/2012 11:06

Sample wt/vol: 30.00(g) | Date Analyzed: 11/27/2012 05:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(1/cm) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66323 | 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\20121126-15278.b\P1300018.D		
Lims ID:	MB 240-65753/23-A	Client ID:	
Inject. Date:	27-Nov-2012 05:50:50	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015278-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 1/cm	ALS Bottle#:	18
Lims Batch ID:	66323	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121126-15278.b\PCB13.m		
Last Update:	27-Nov-2012 09:54:17	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:	XAWRK003		

First Level Reviewer: hassl Date: 27-Nov-2012 09:44:50

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	1.292	0.002	33013930	0.0145			
2	2	1.650	1.648	0.002	22601344	0.0157			
						RPD = 8.39			
3 PCB-1221									
1	2		1.441						
1	3		1.593						
1	4		1.555						
2	4		1.946						
2	5		2.086						
2	6		2.146						
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						

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		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.873						
2	6		2.145						
2	7		2.568						
2	8		3.050						
2	9		3.198						
2	10		3.716						
6 PCB-1016									
1	100		1.553						
1	2		1.900						
1	3		2.327						
1	4		2.460						
1	5		2.872						
2	6		2.145						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.899						
1	2		2.326						
1	3		2.872						
1	4		3.494						
1	5		3.963						
2	6		2.567						
2	7		3.048						
2	8		3.717						
2	9		3.848						
2	10		4.913						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.267						
1	4		4.474						
1	5		4.776						
2	6		4.409						
2	7		4.913						
2	8		5.176						
2	9		5.557						
2	10		5.774						

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		4.474						
1	3		4.774						
1	4		5.526						
1	5		5.828						
2	6		5.136						
2	7		5.382						
2	8		5.771						
2	9		6.503						
2	10		6.906						
9 PCB-1262									1
1	100		4.477						
1	2		4.910						
1	3		5.174						
1	4		5.526						
1	5		5.882						
2	6		5.383						
2	7		5.883						
2	8		6.206						
2	9		6.503						
2	10		6.905						
11 PCB-1268									
1	100		5.884						
1	2		5.920						
1	3		6.135						
1	4		6.539						
1	5		6.857						
2	6		6.904						
2	7		6.954						
2	8		7.233						
2	9		7.571						
2	10		7.932						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	38435703	0.0165			
2	2	8.216	8.217	-0.001	21594409	0.0160			
						RPD = 2.65			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

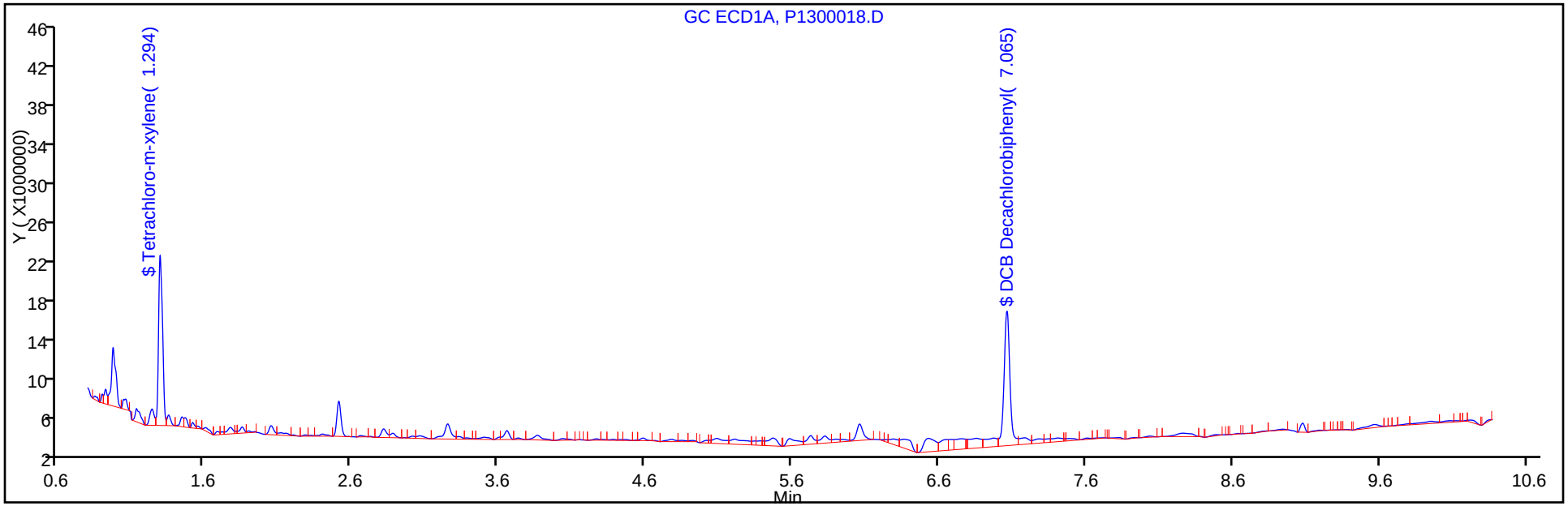
Report Date: 27-Nov-2012 09:54:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121126-15278.b\P1300018.D

Injection Date:	27-Nov-2012 05:50:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	66323	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 1/cm
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



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