FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

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

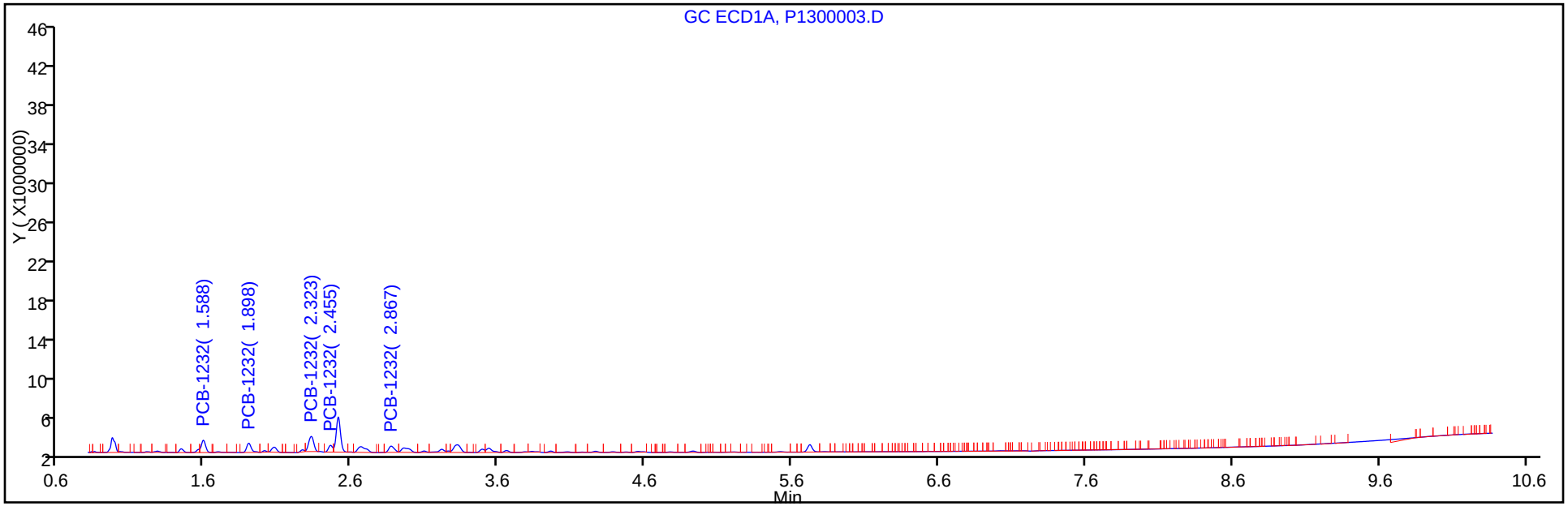
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

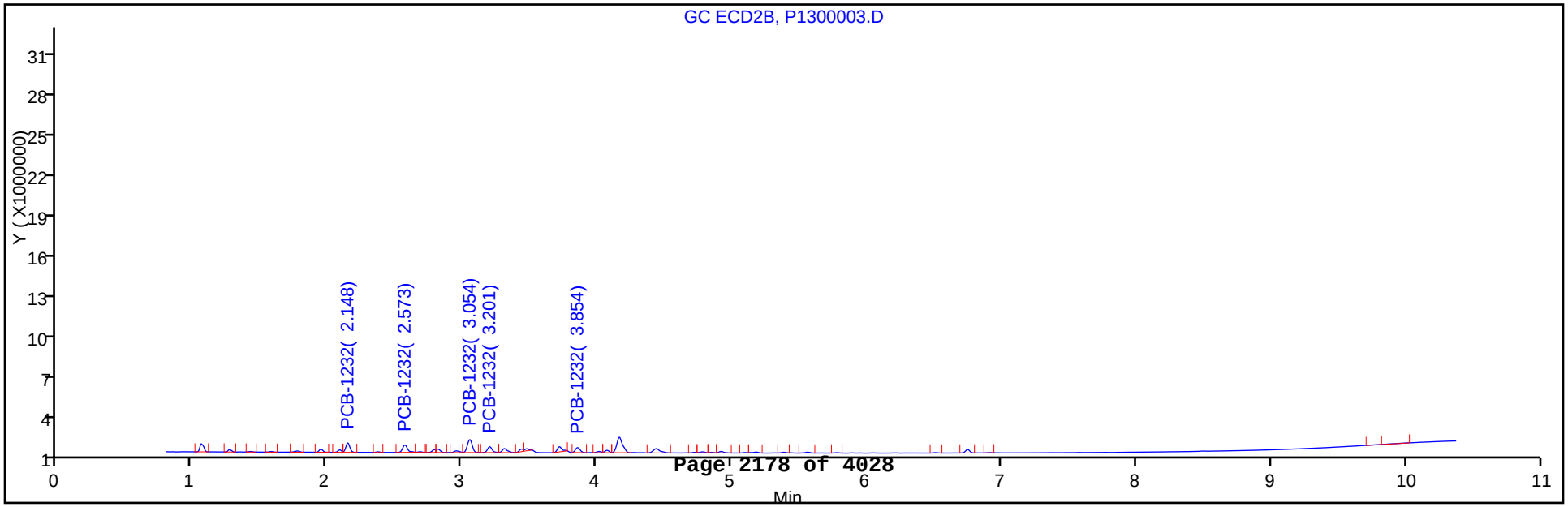
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

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



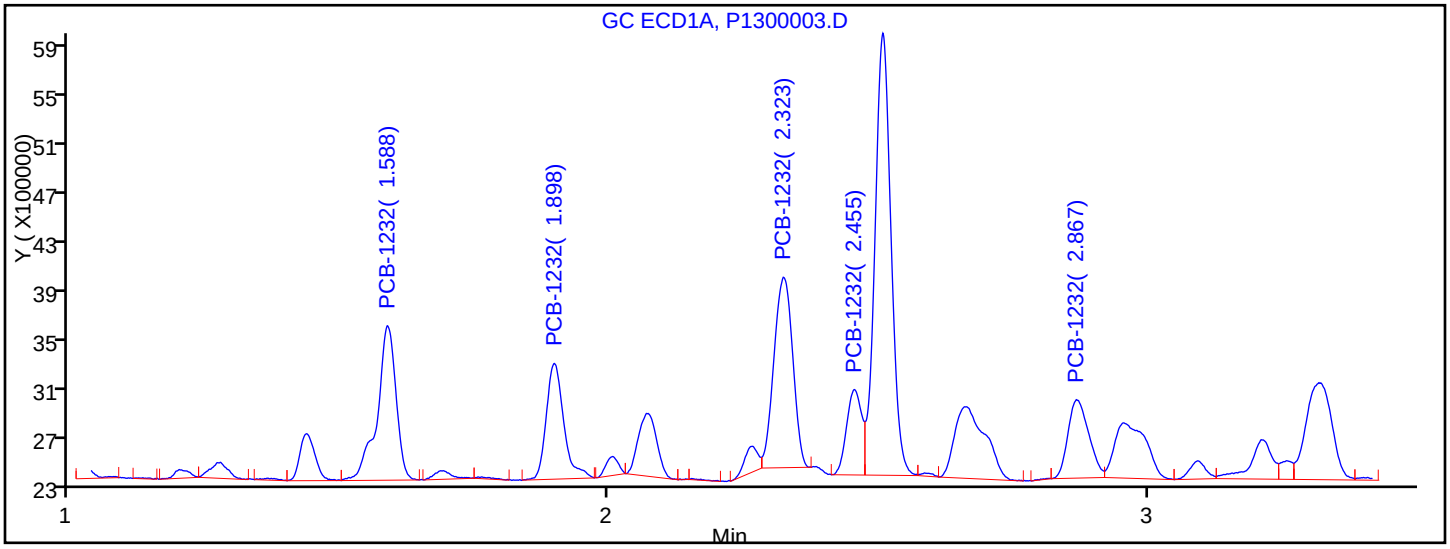
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

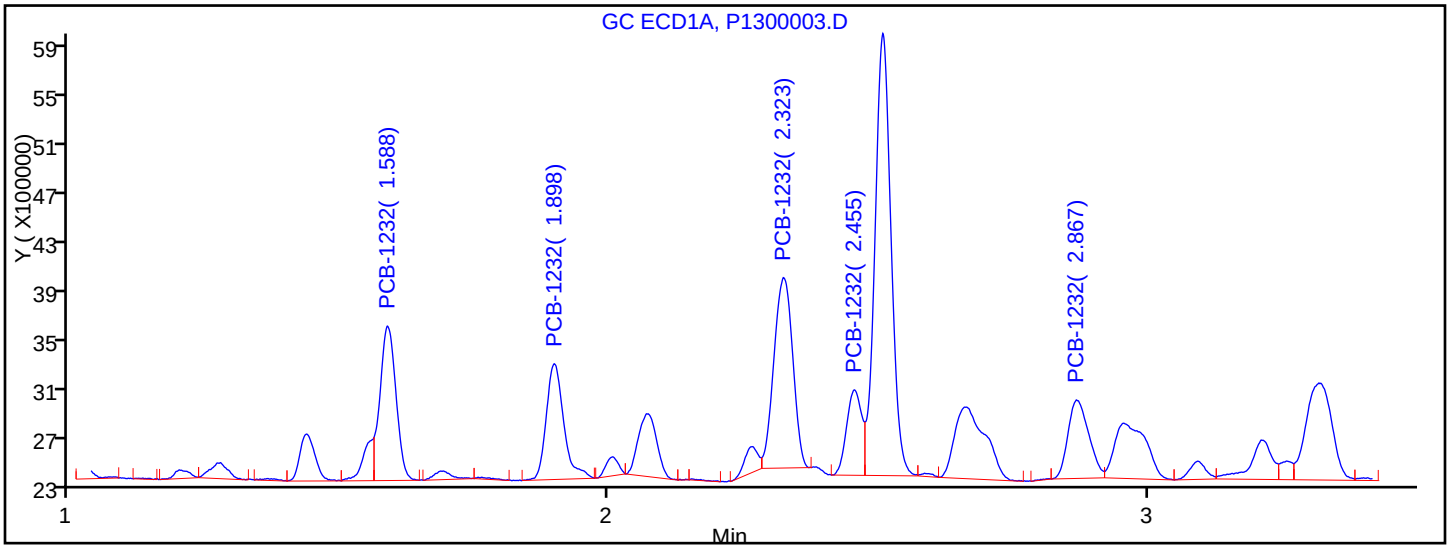
Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

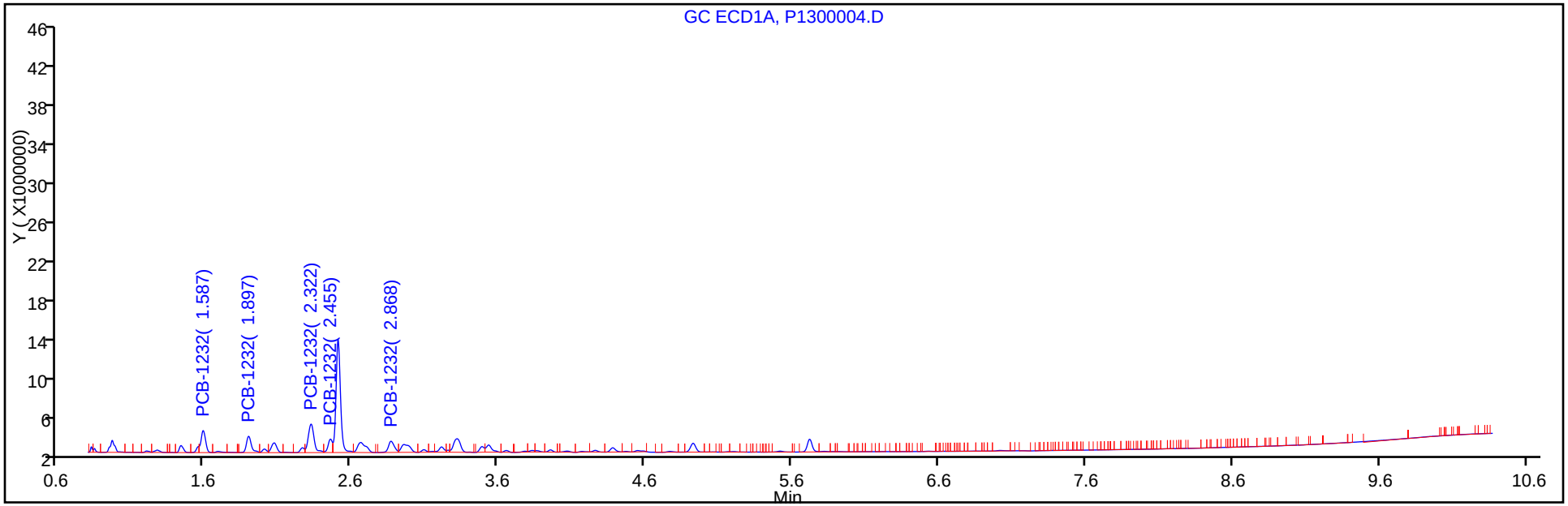
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

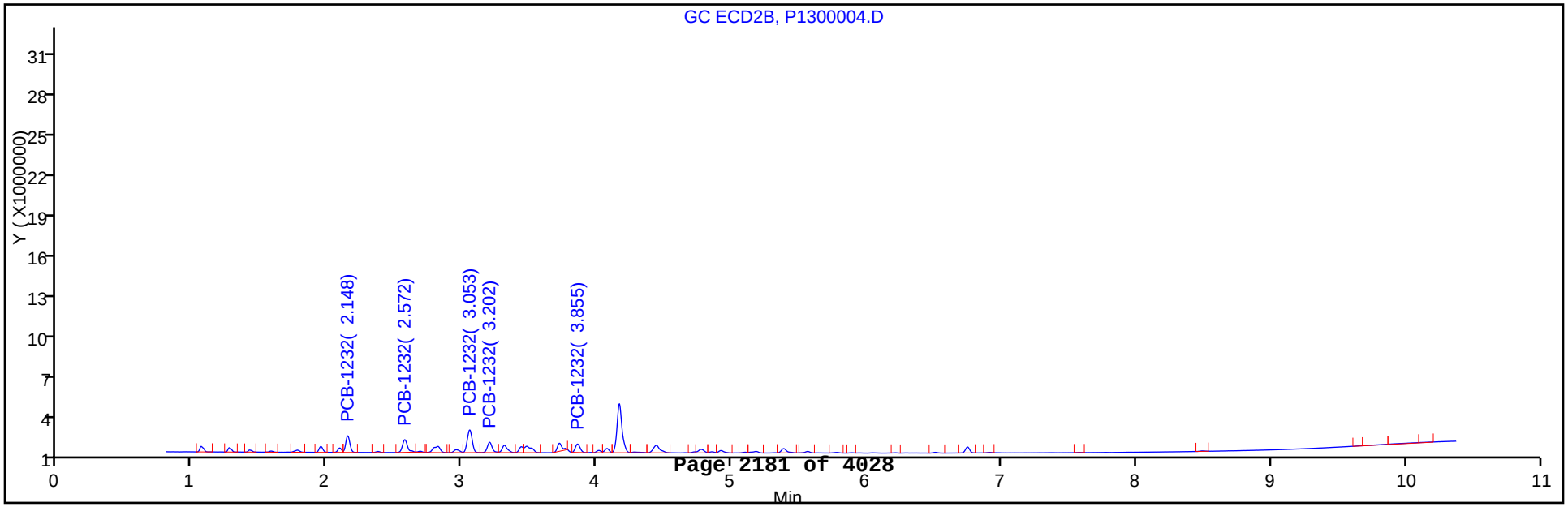
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

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



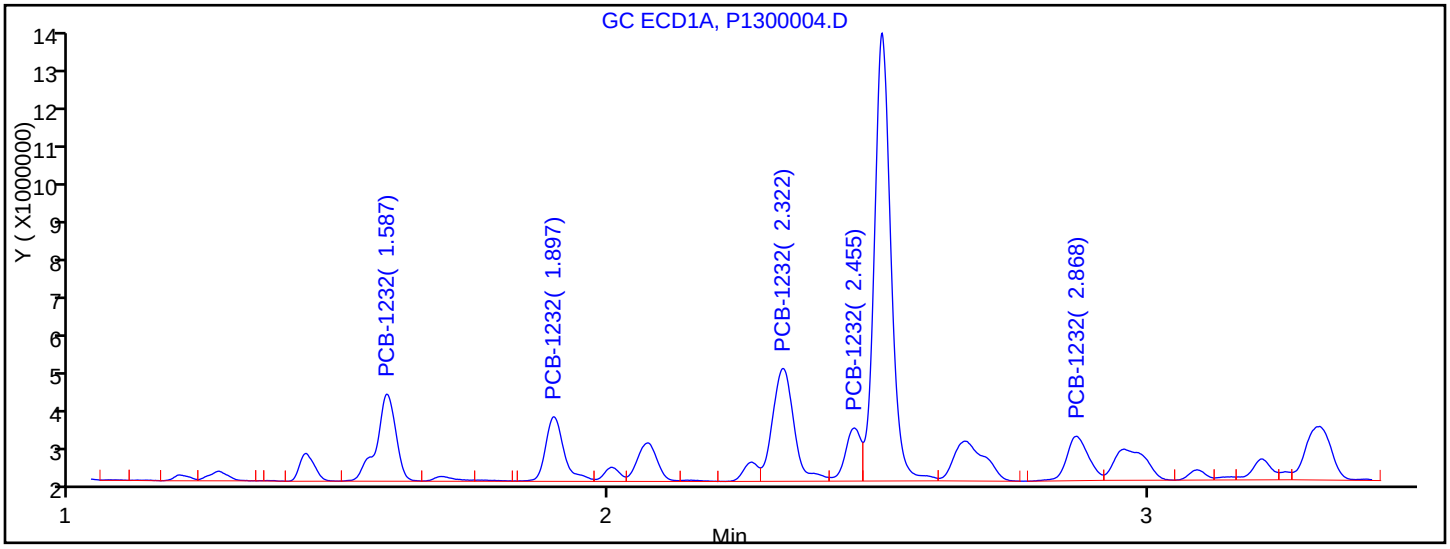
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

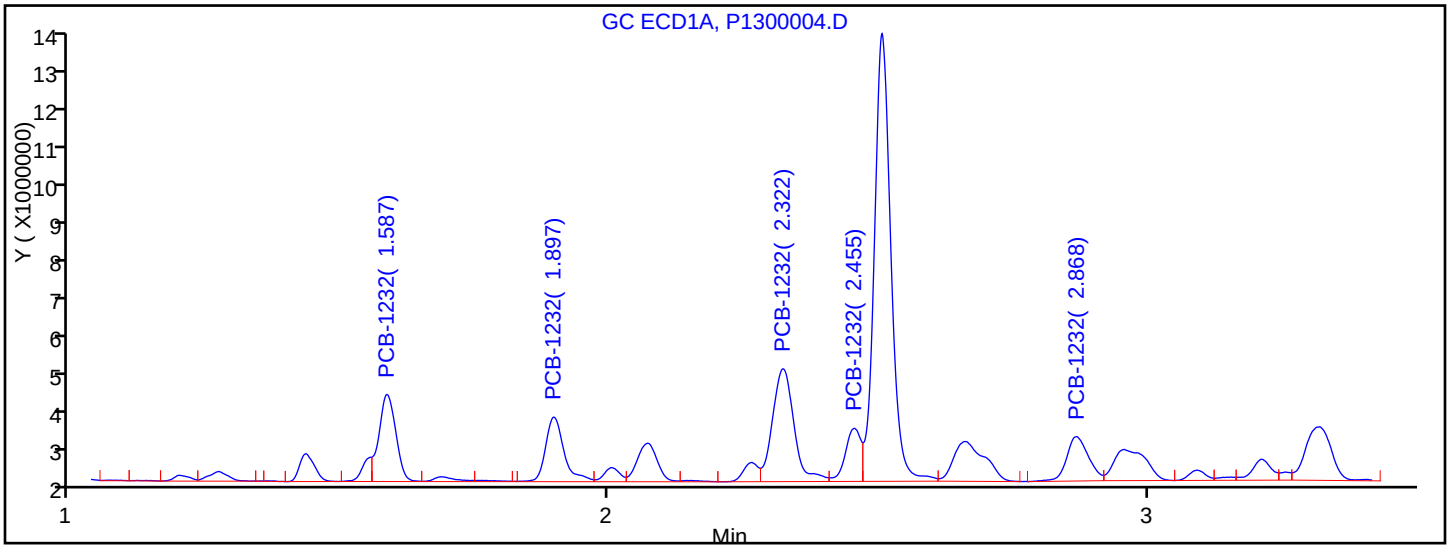
Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

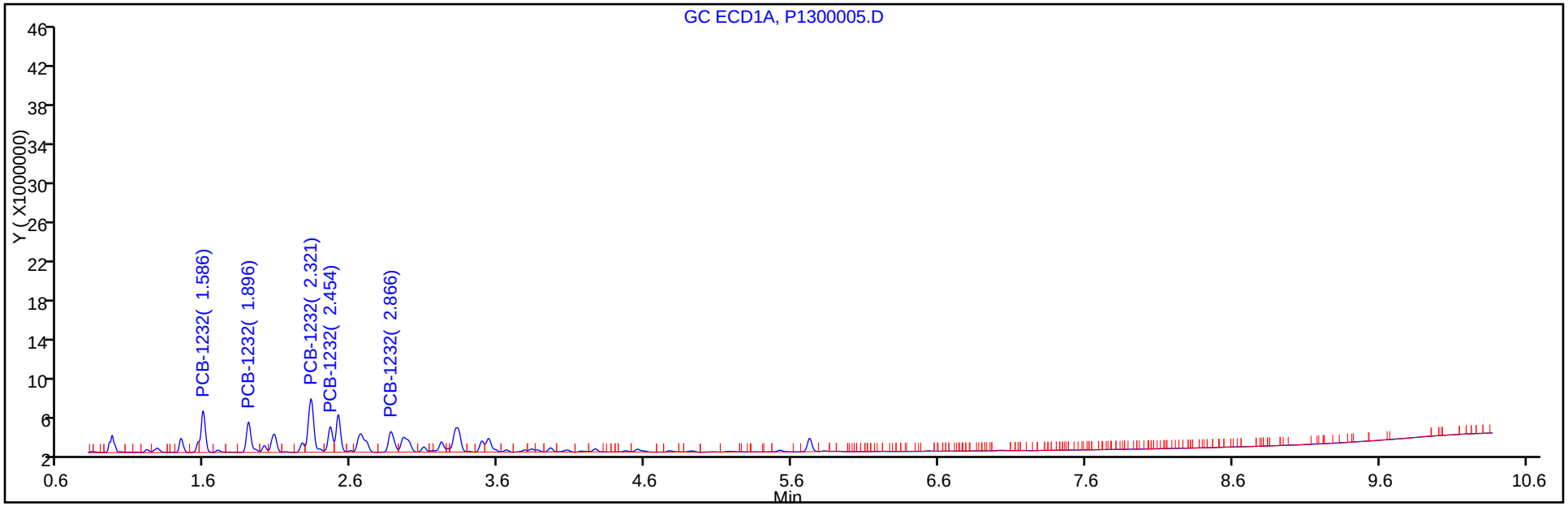
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

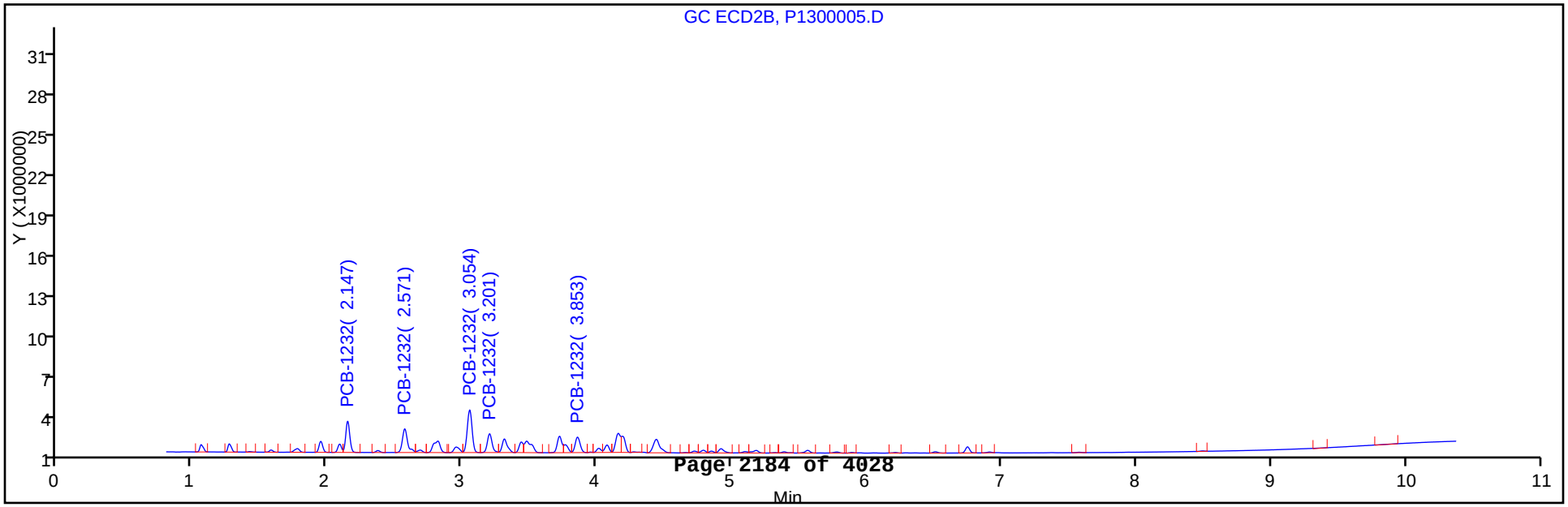
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

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



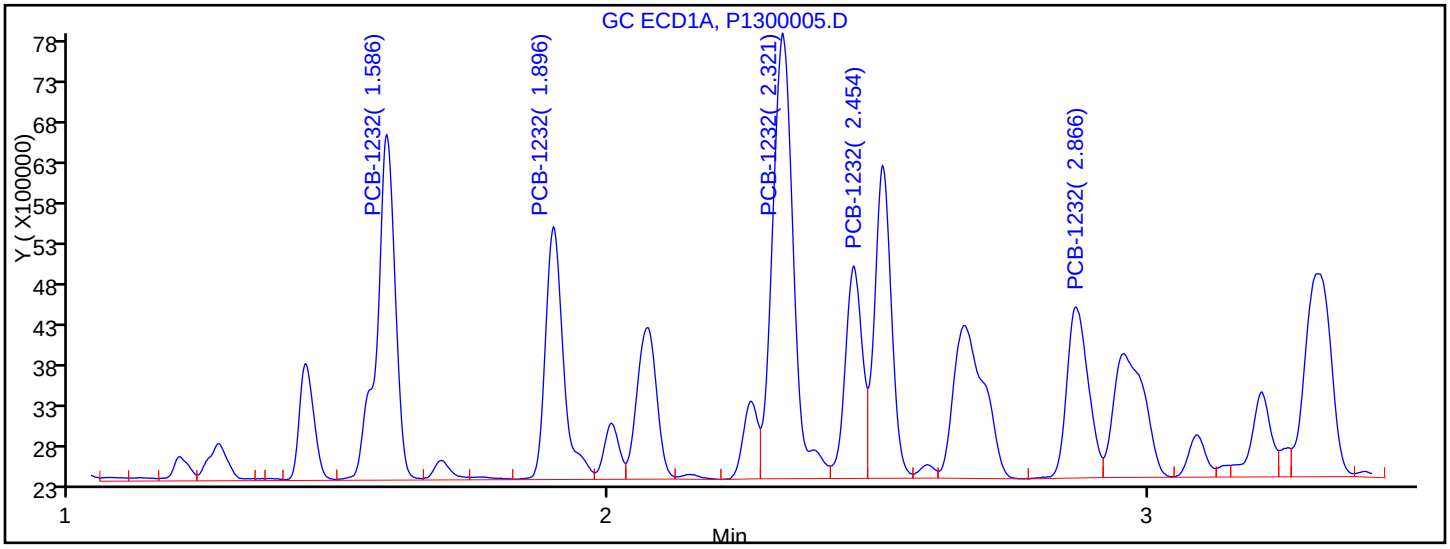
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

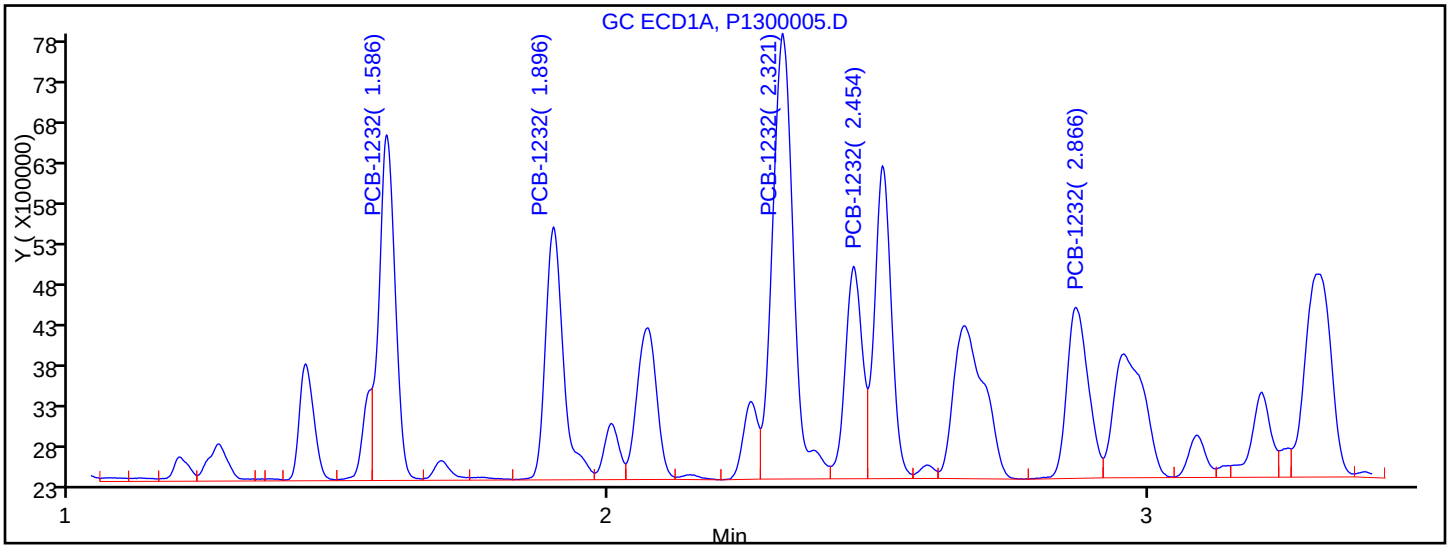
Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

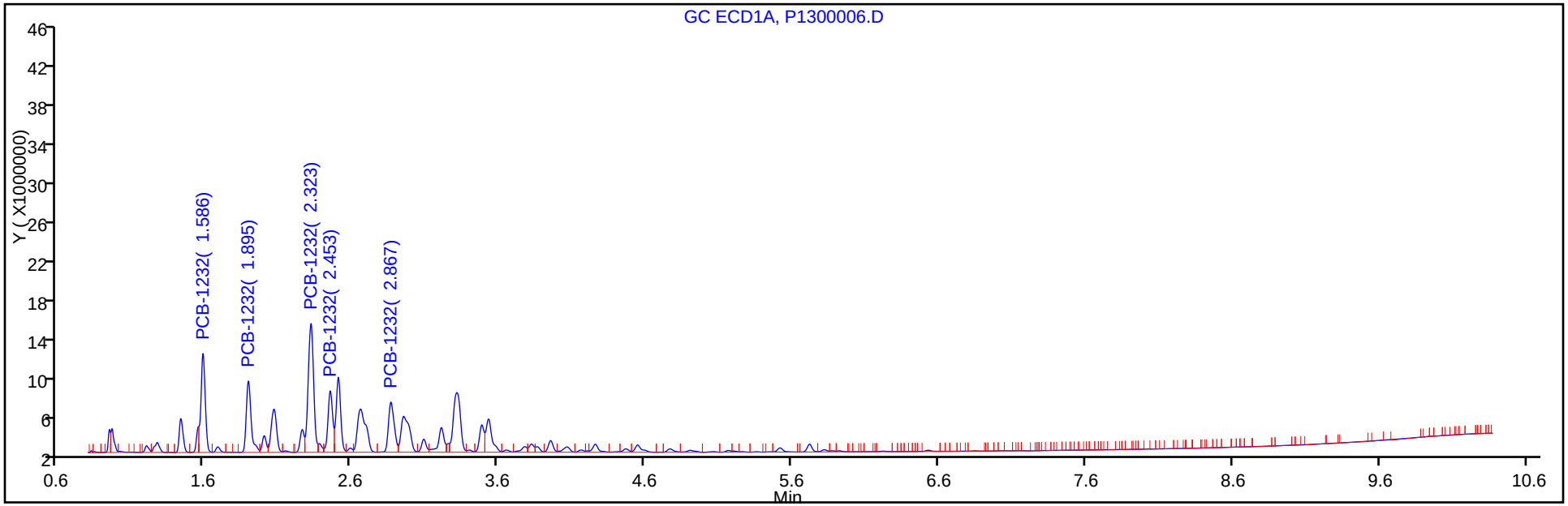
Report Date: 22-Oct-2012 09:18:43 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

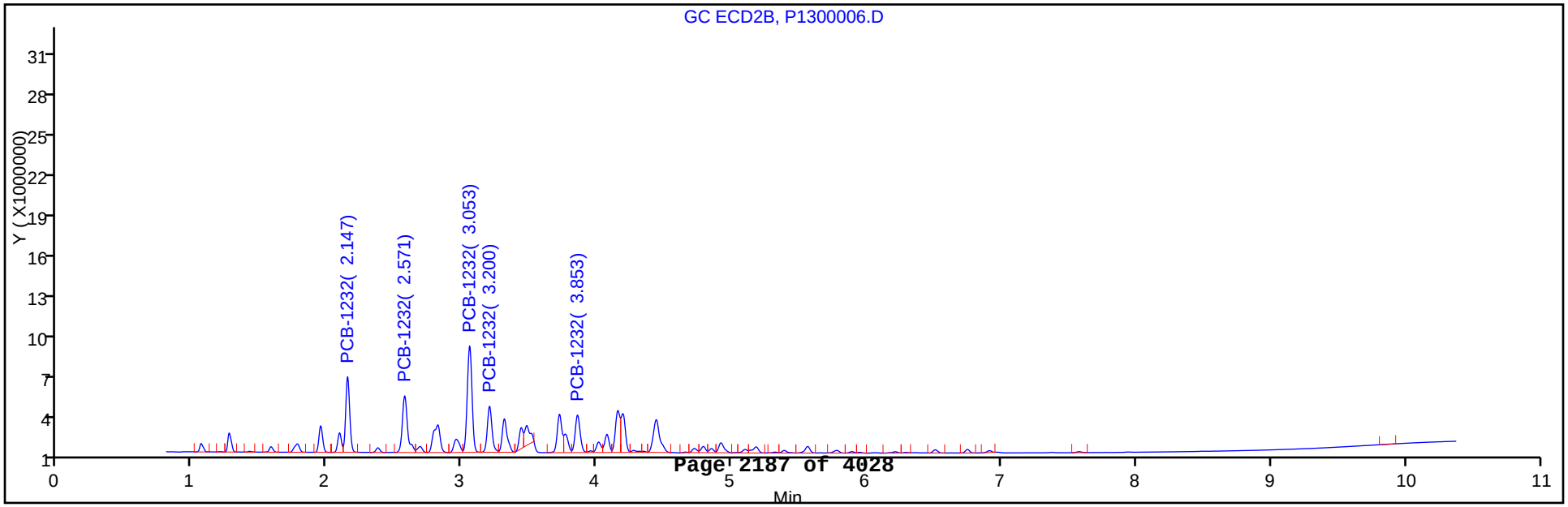
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

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



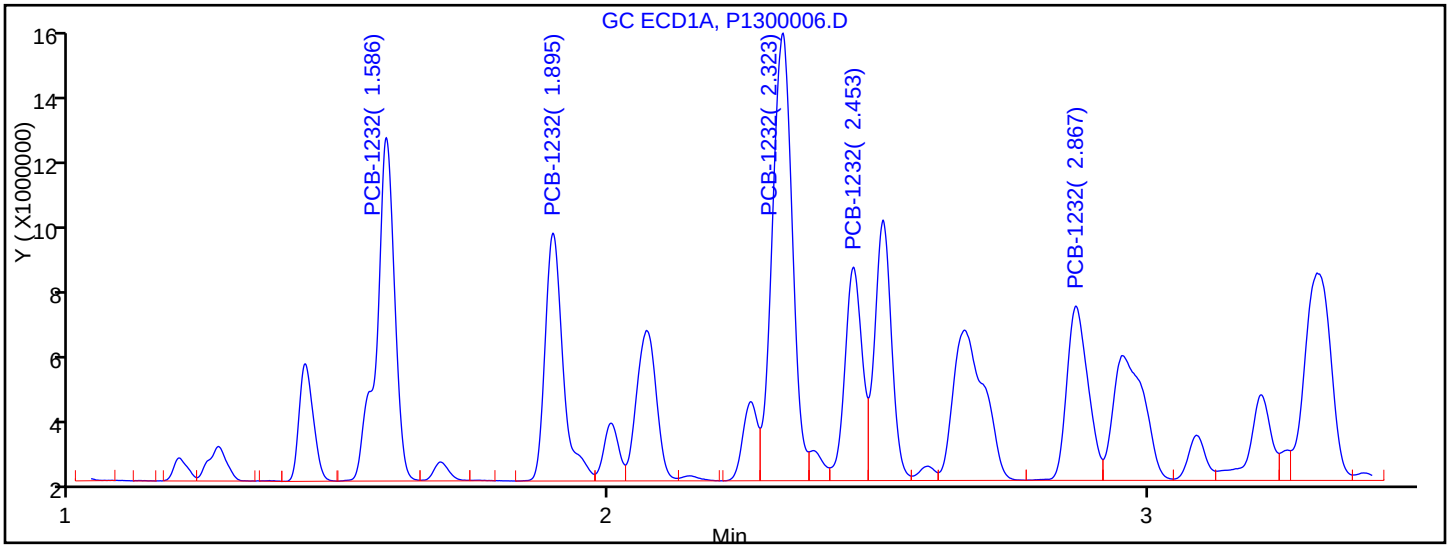
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

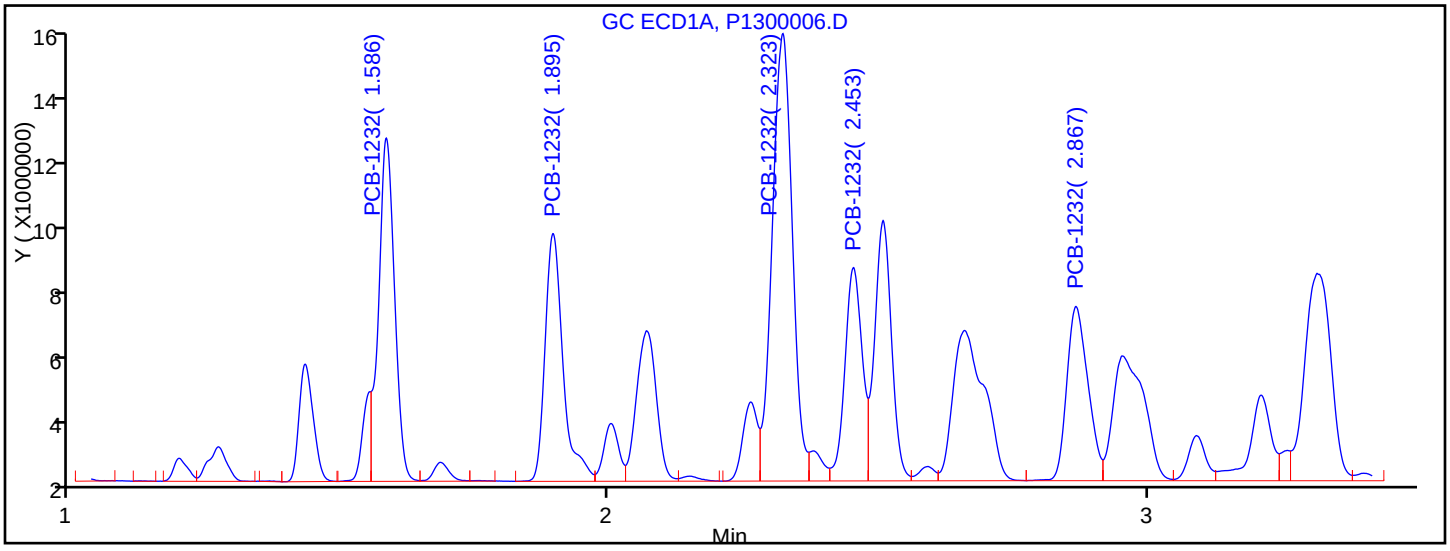
Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

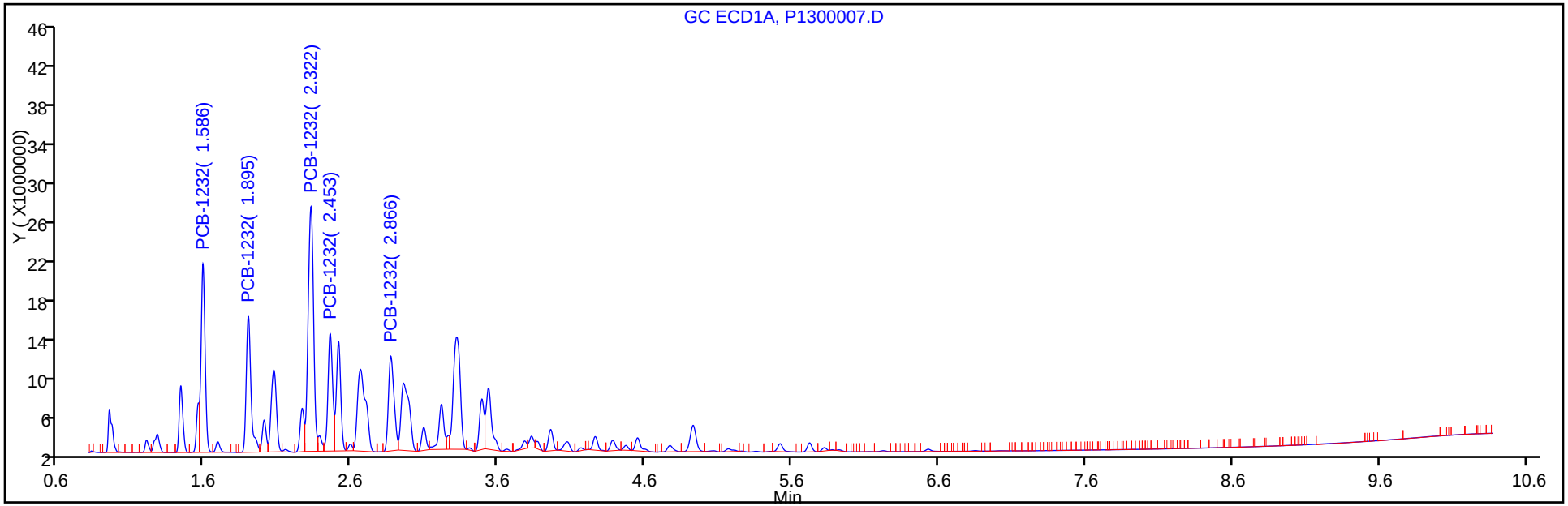
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

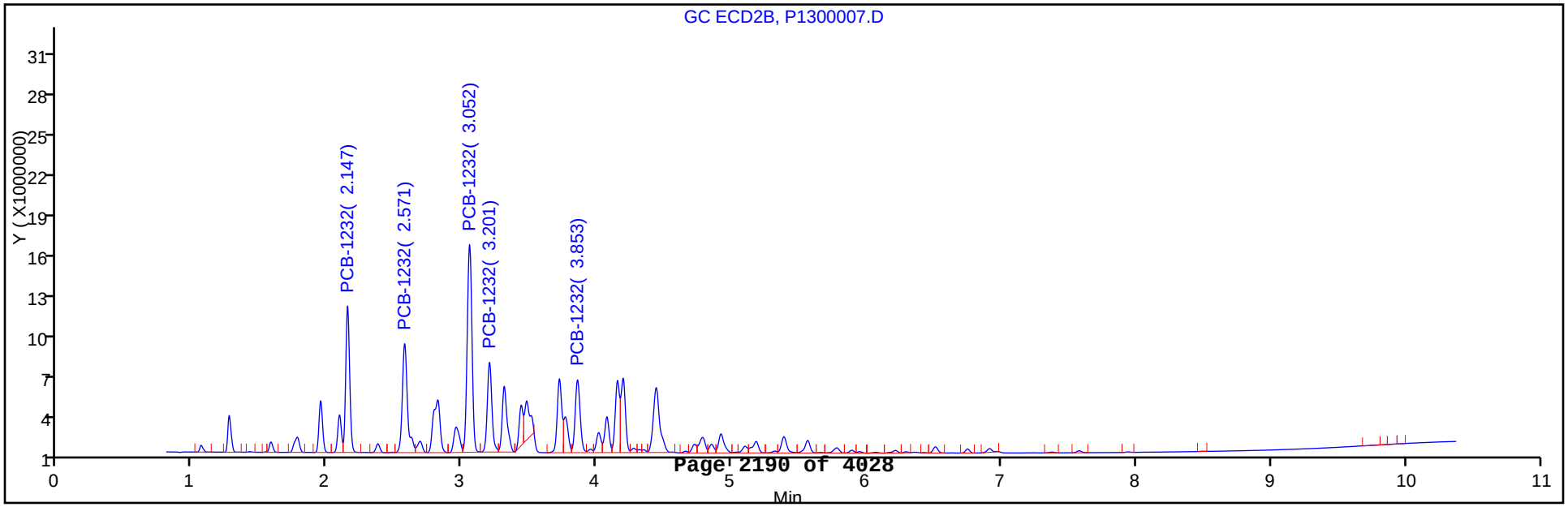
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

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

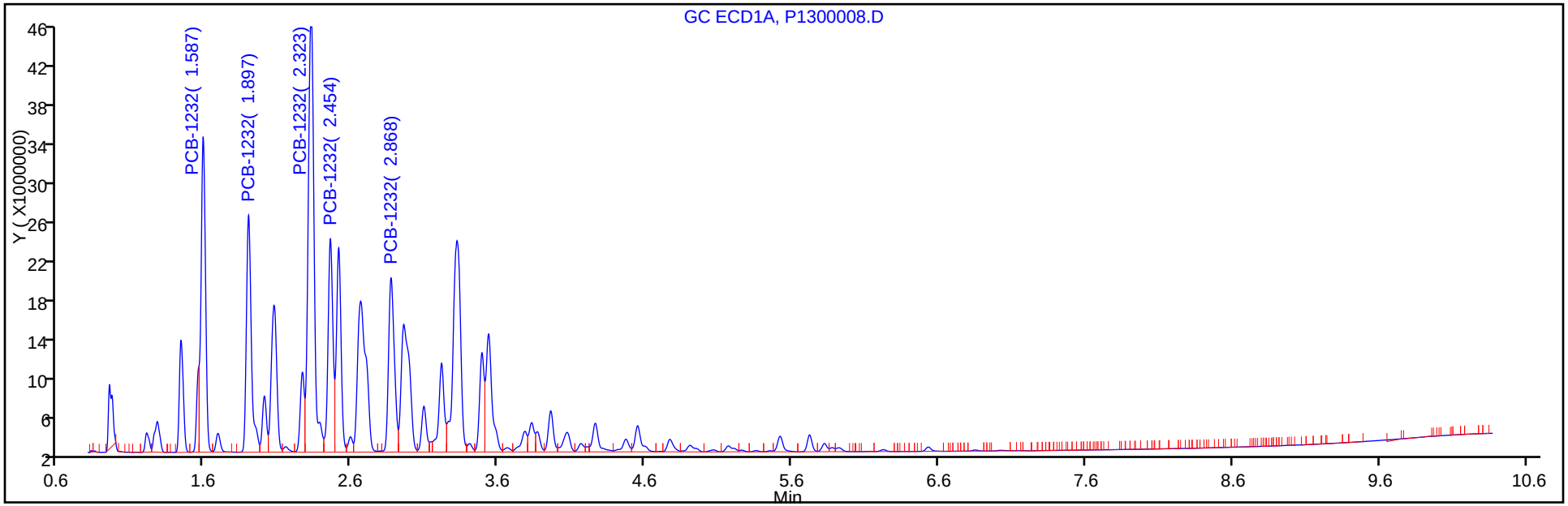
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

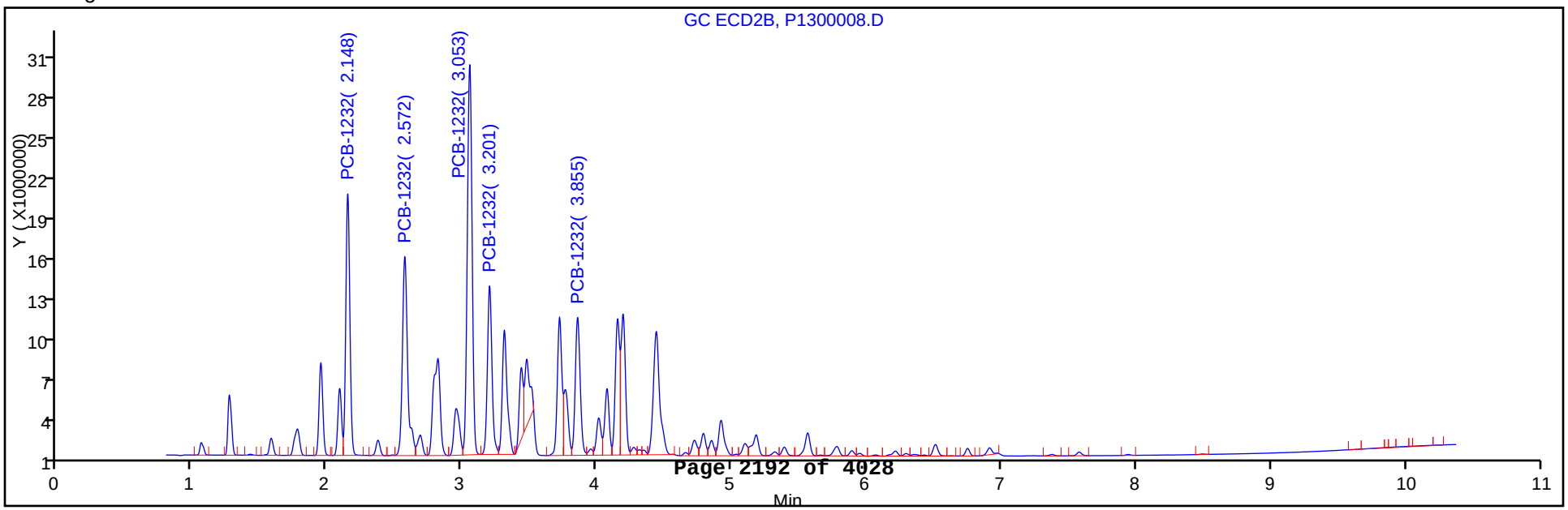
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

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



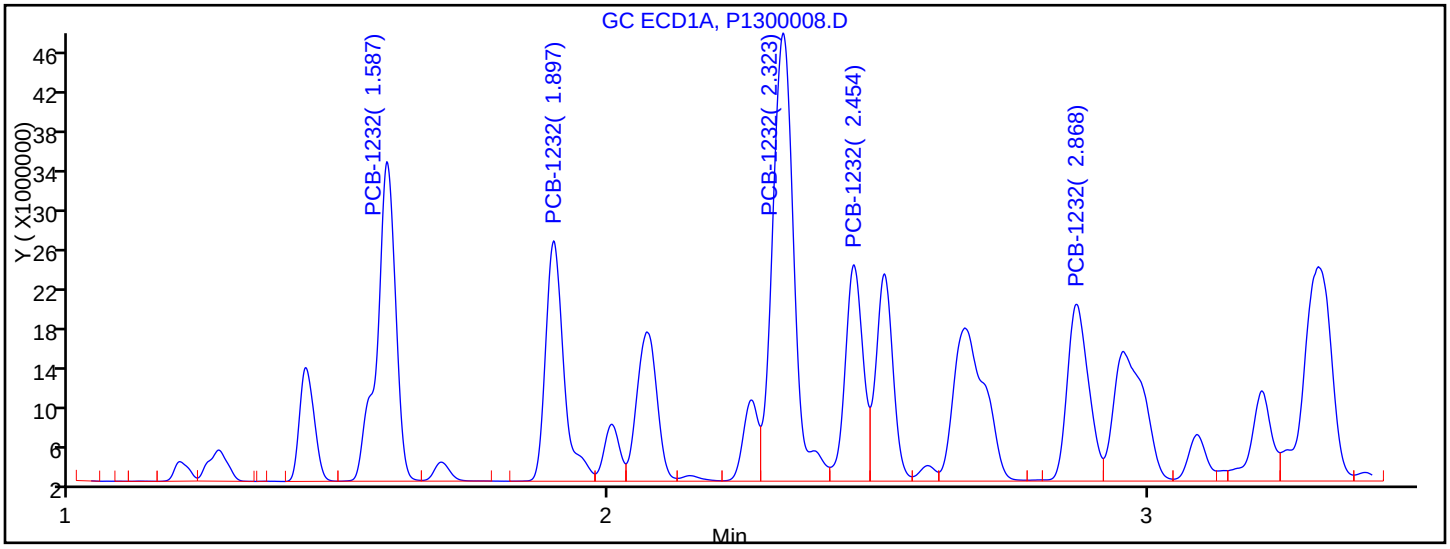
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

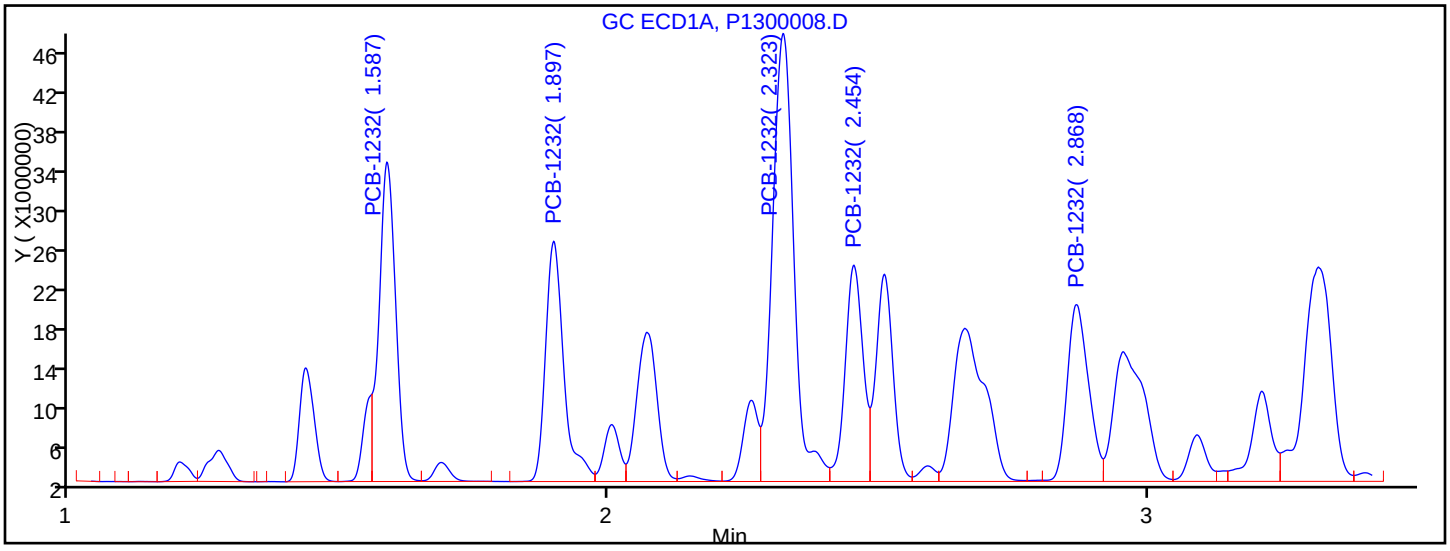
Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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

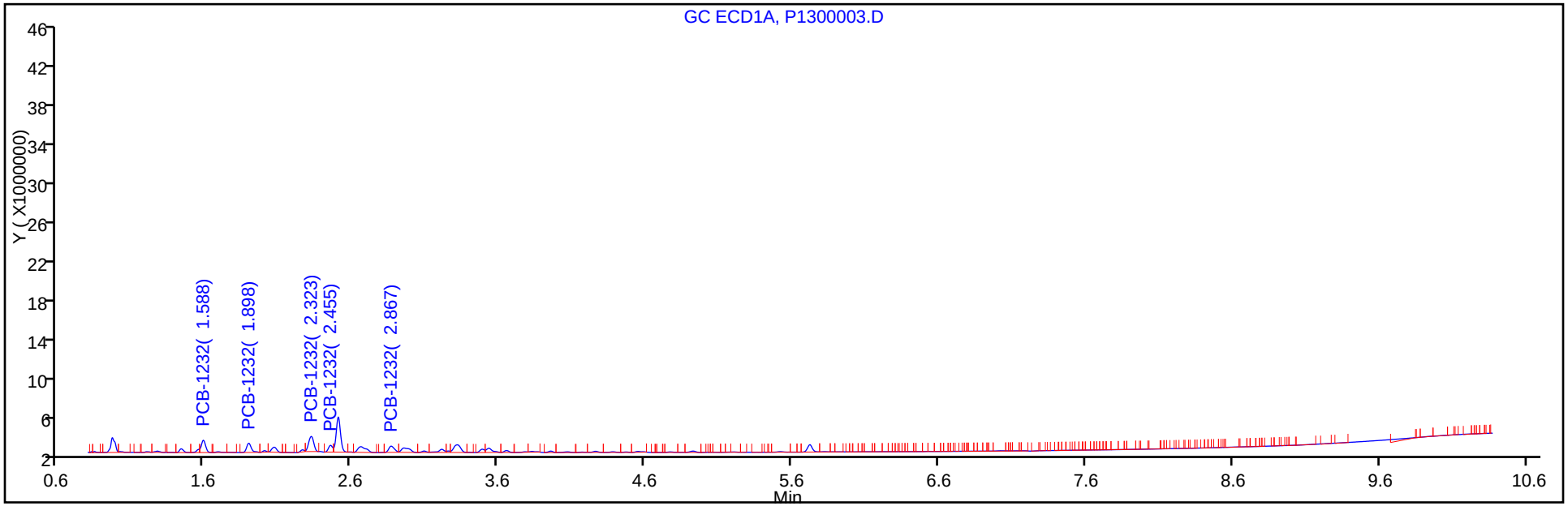
Report Date: 22-Oct-2012 09:18:49 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

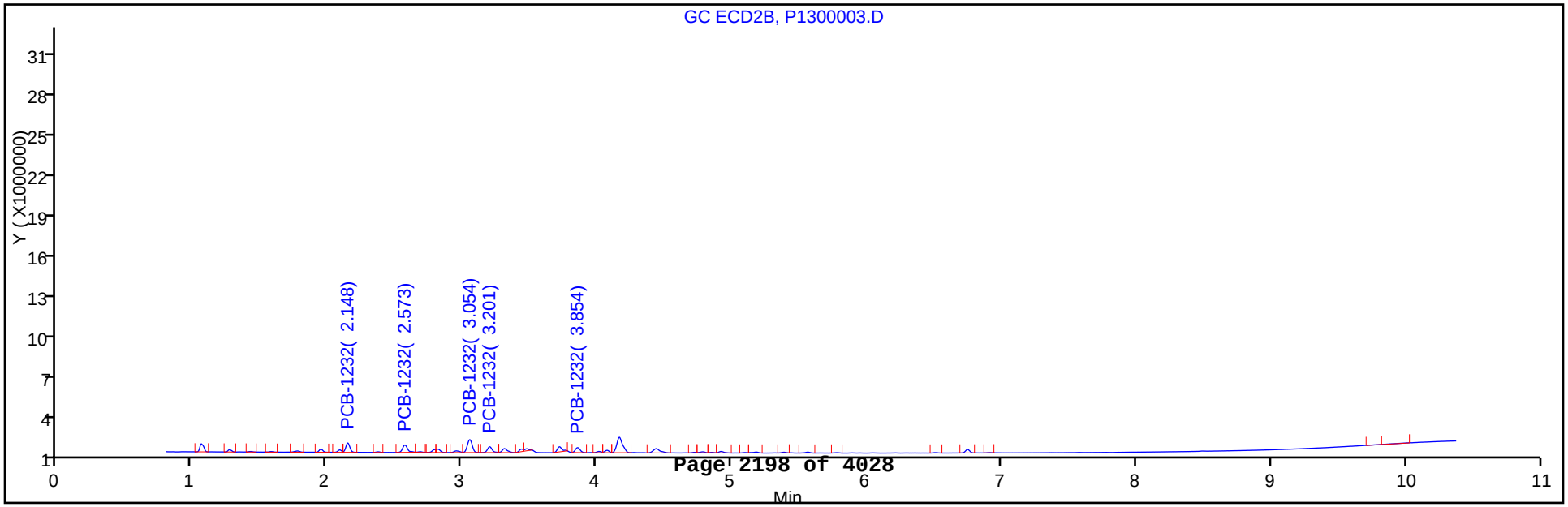
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

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

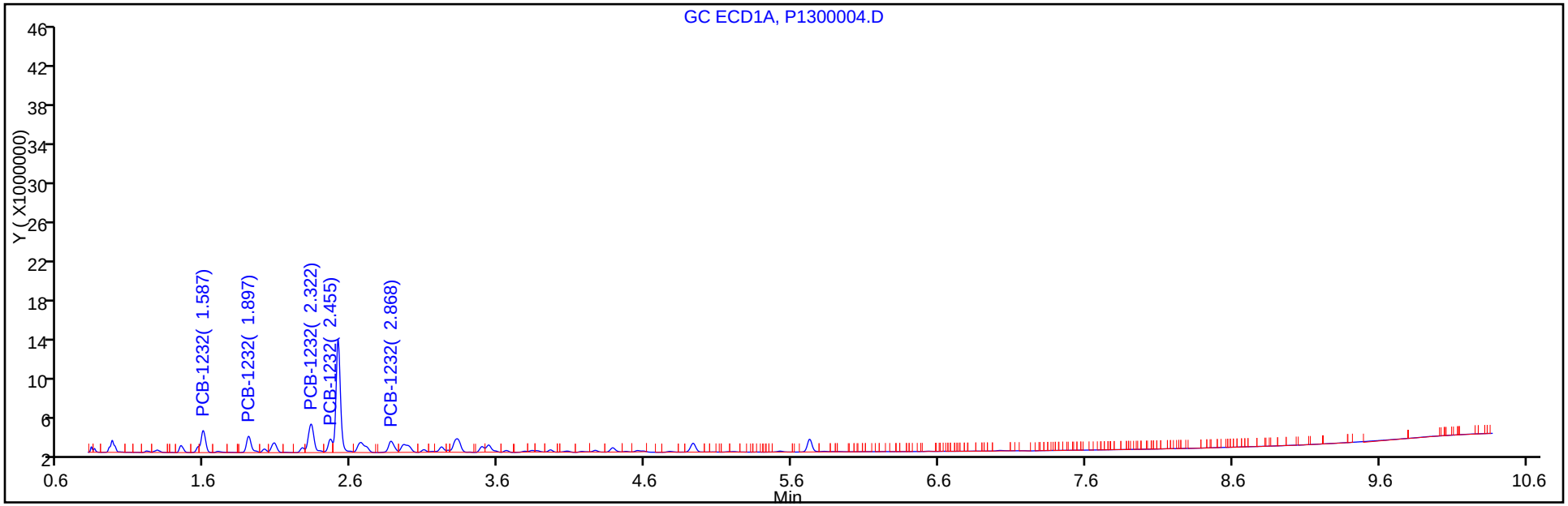
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

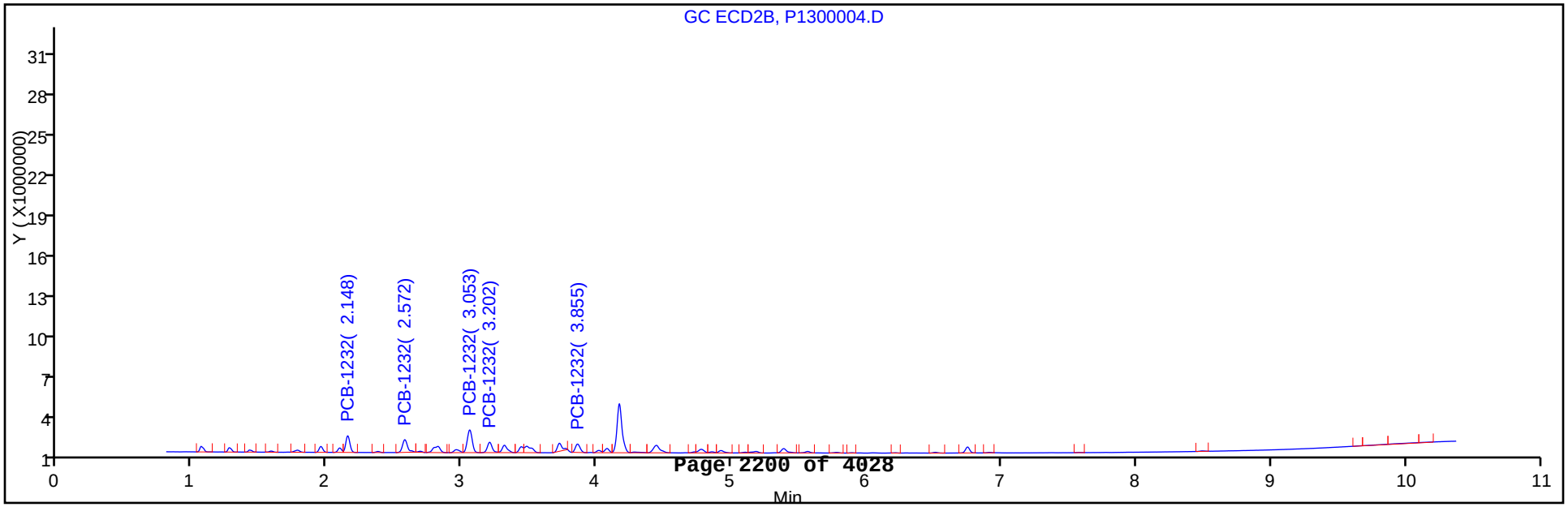
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

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

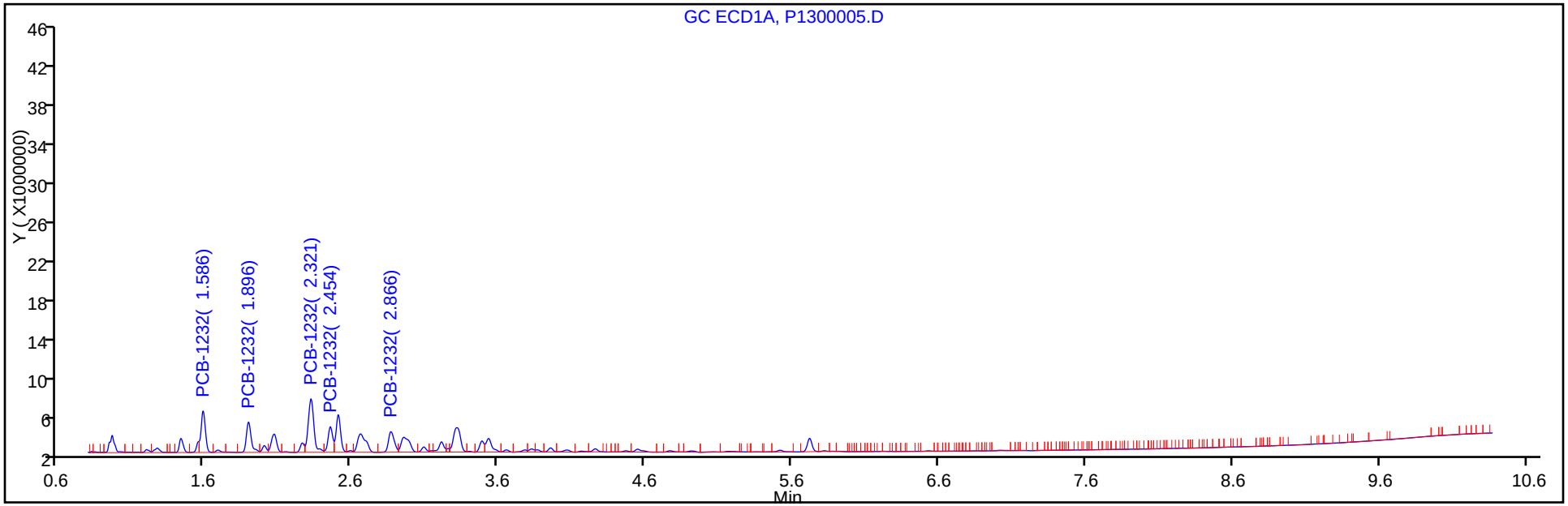
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

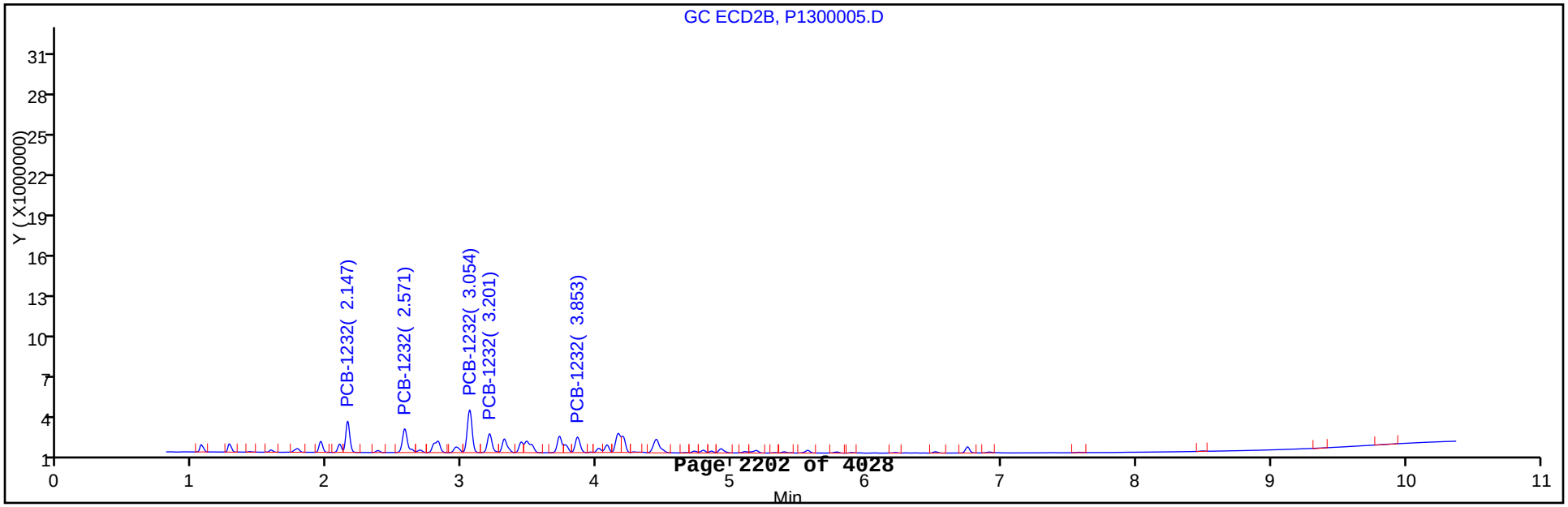
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

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

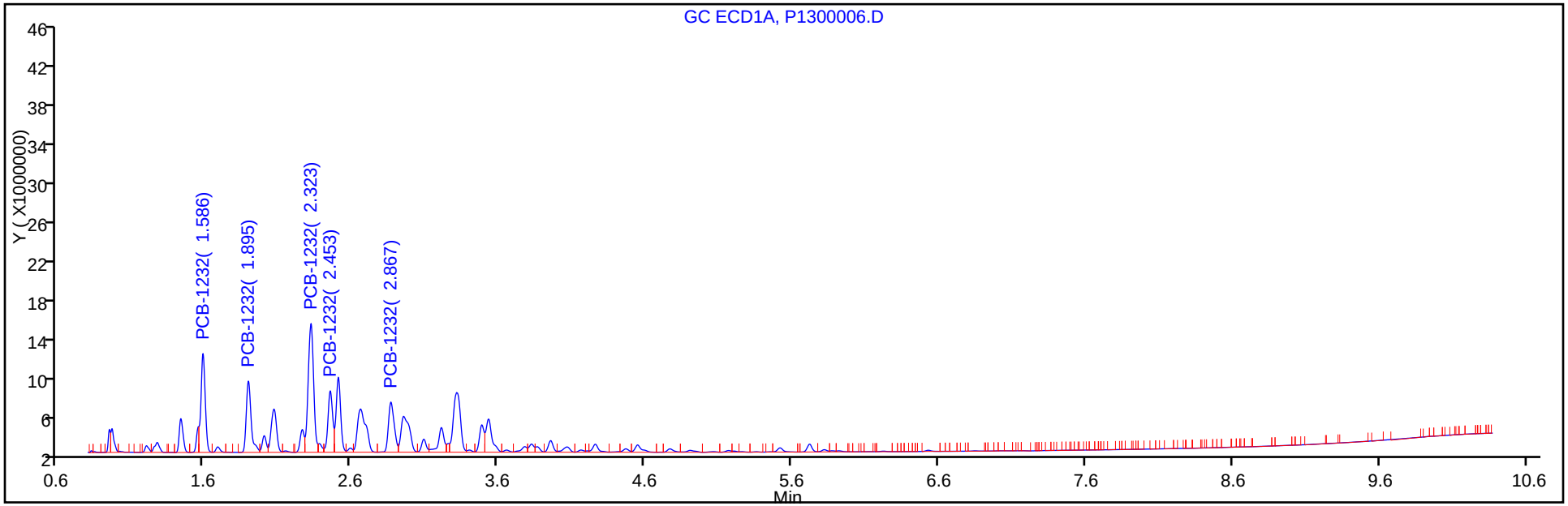
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

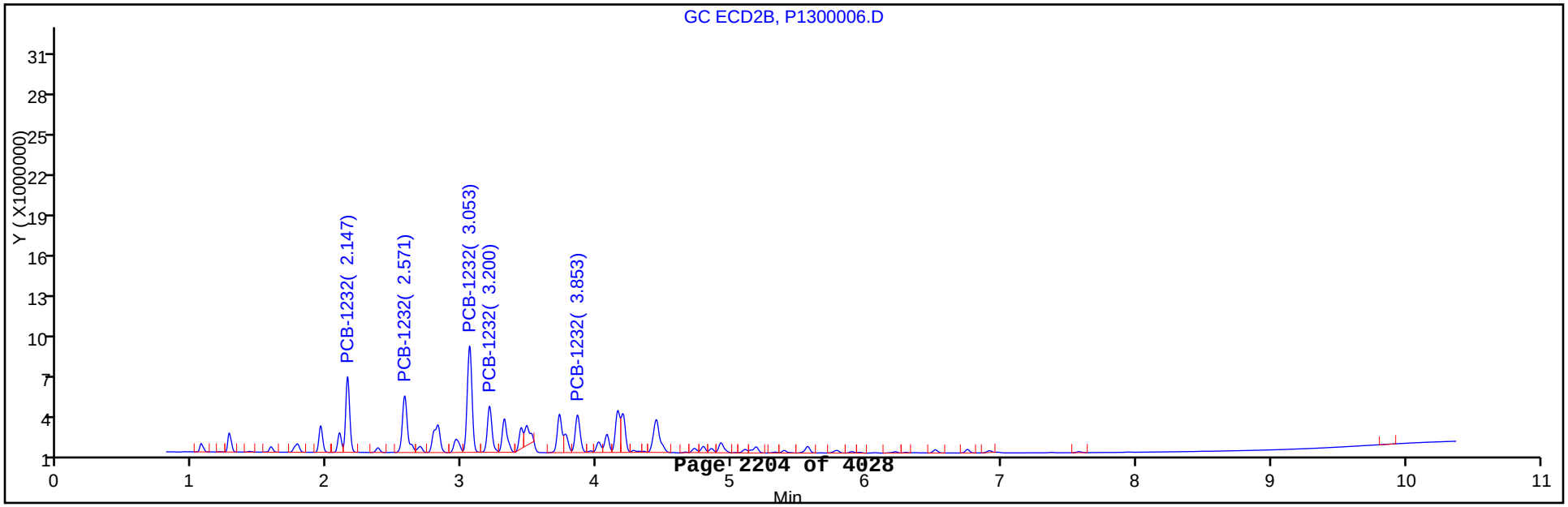
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

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			

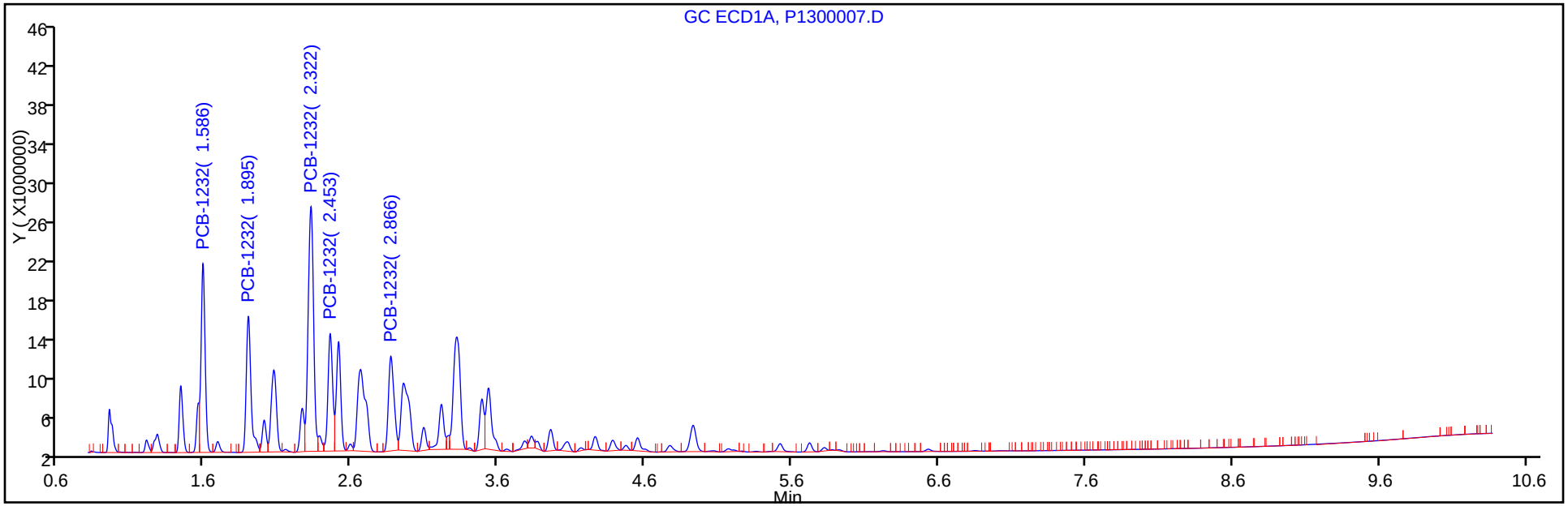
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

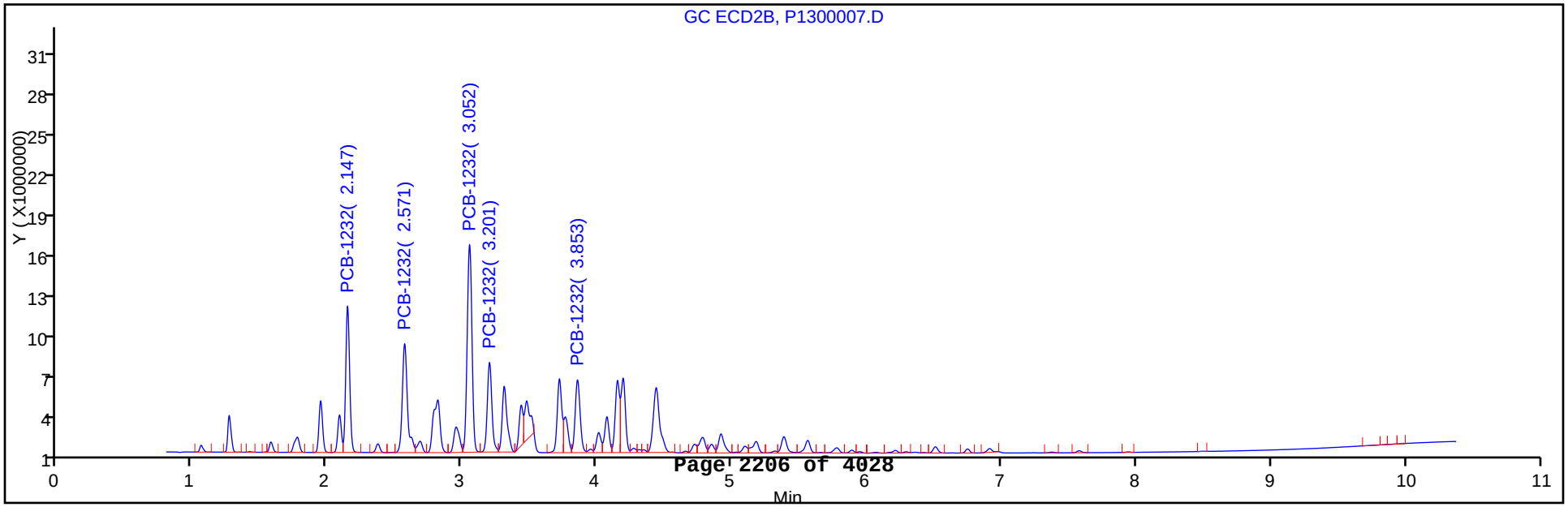
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

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

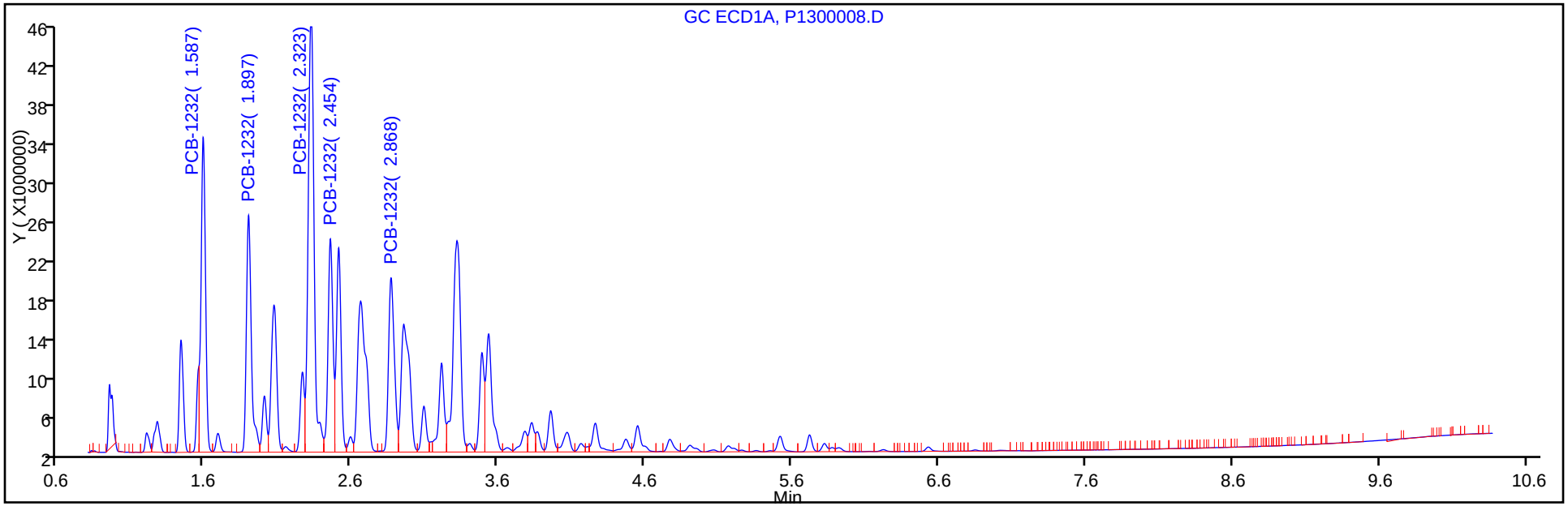
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

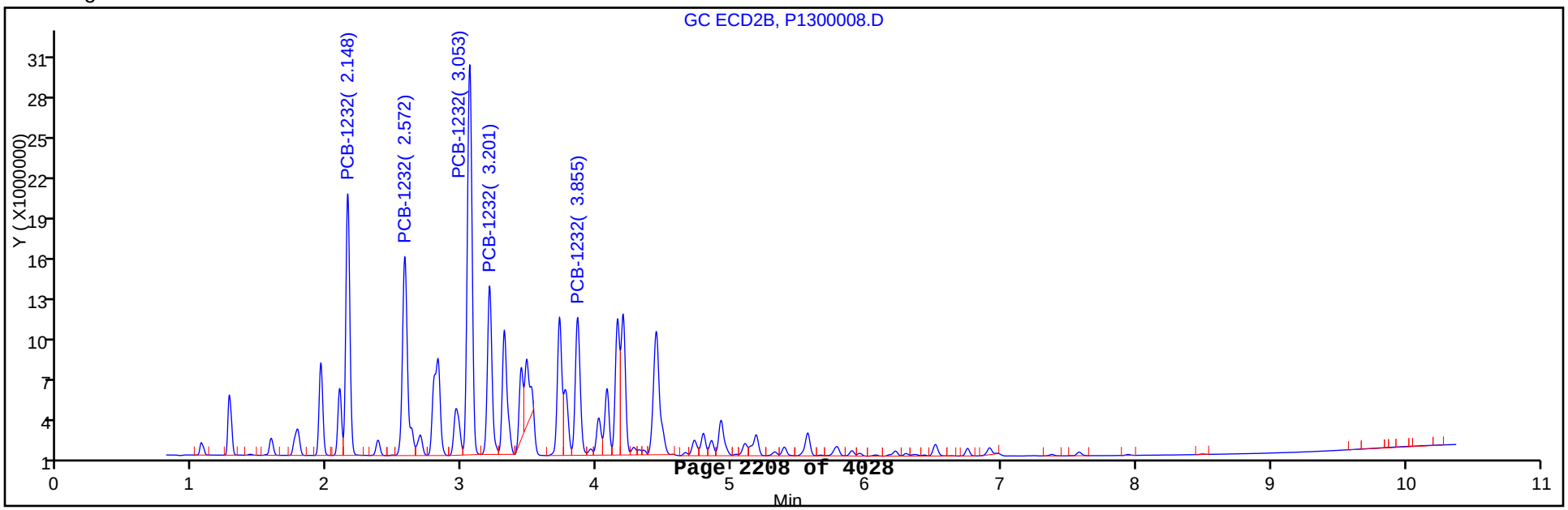
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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			

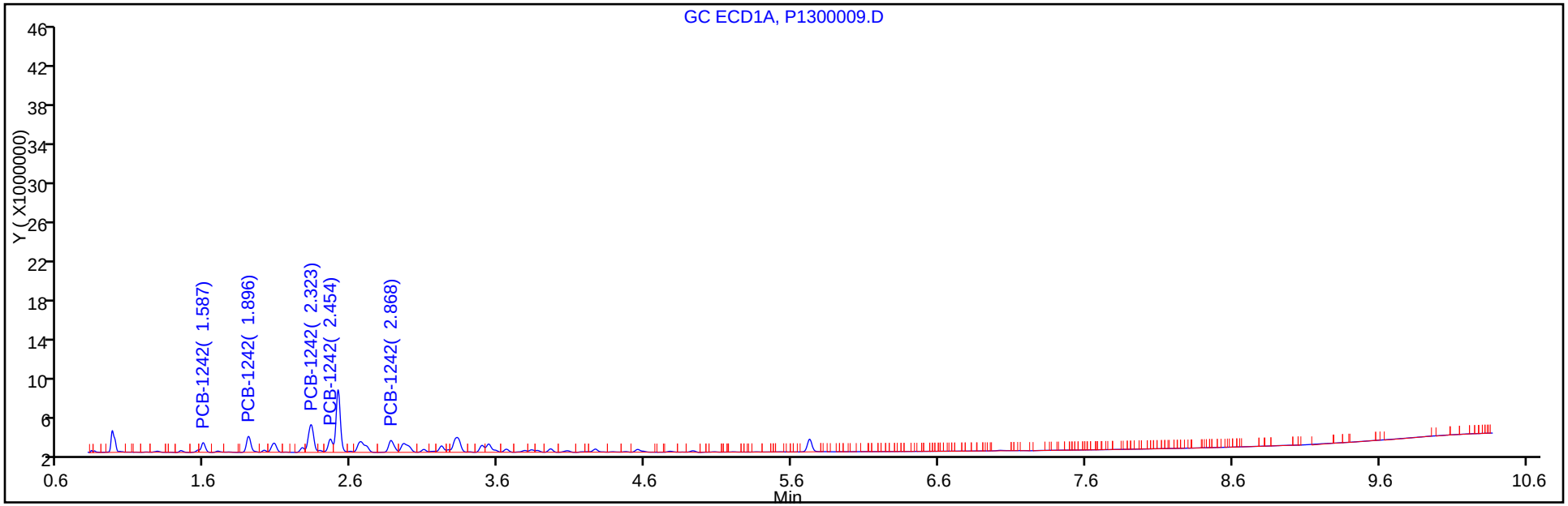
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

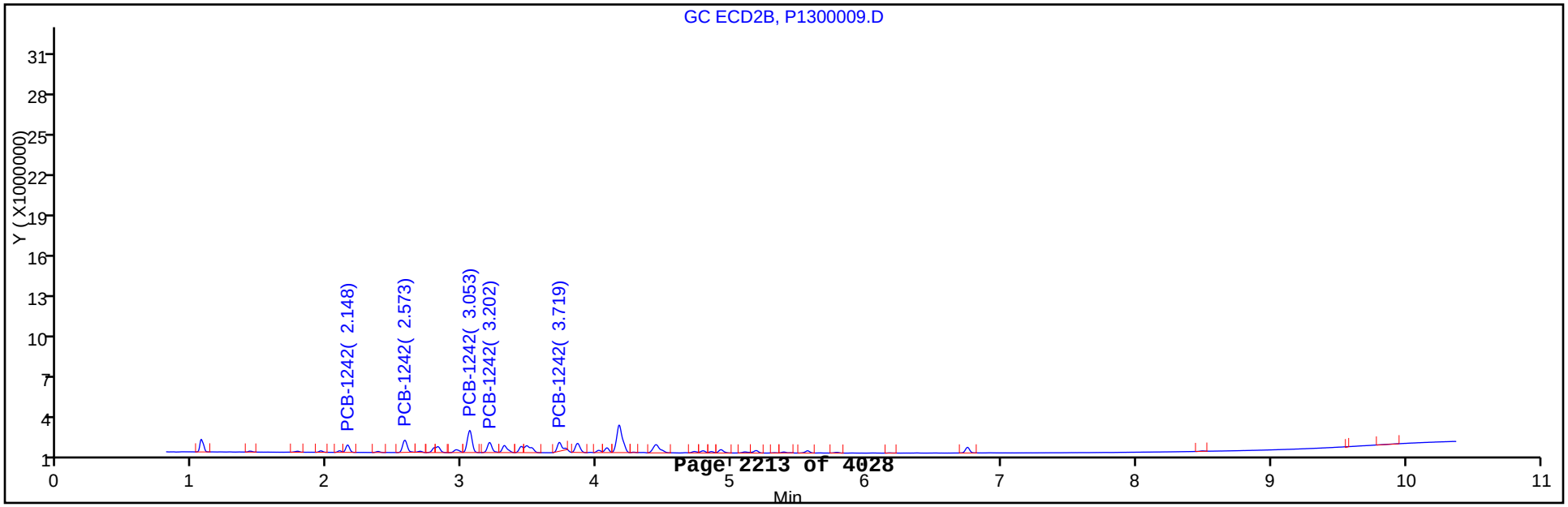
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

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

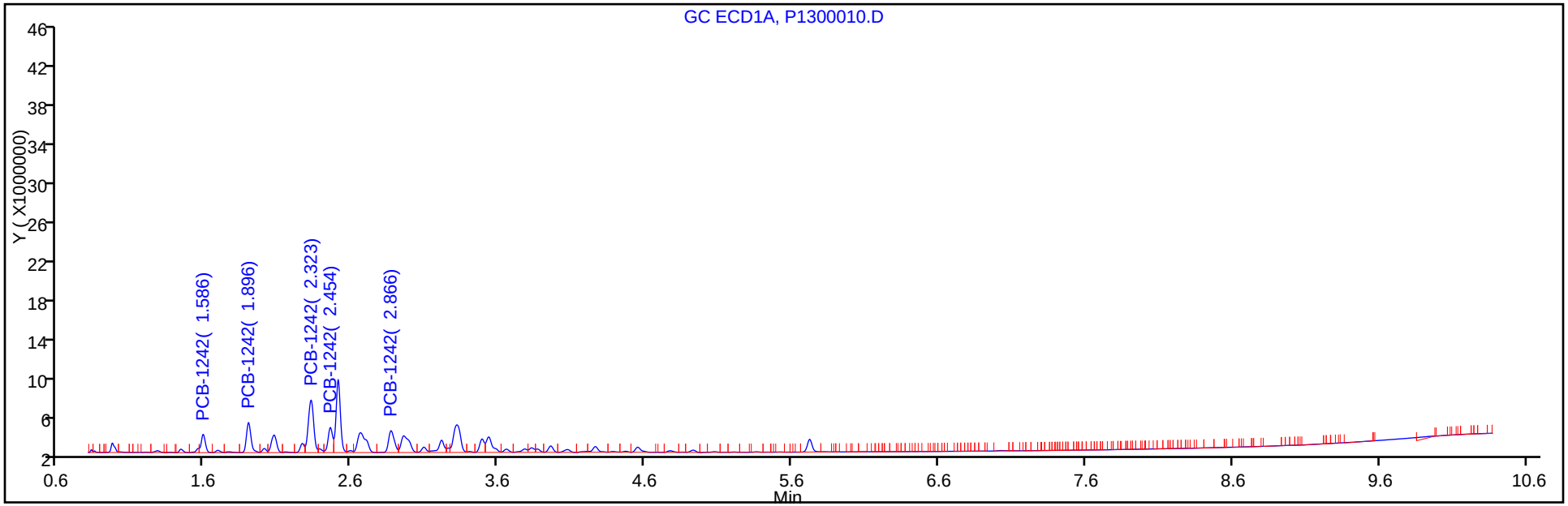
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

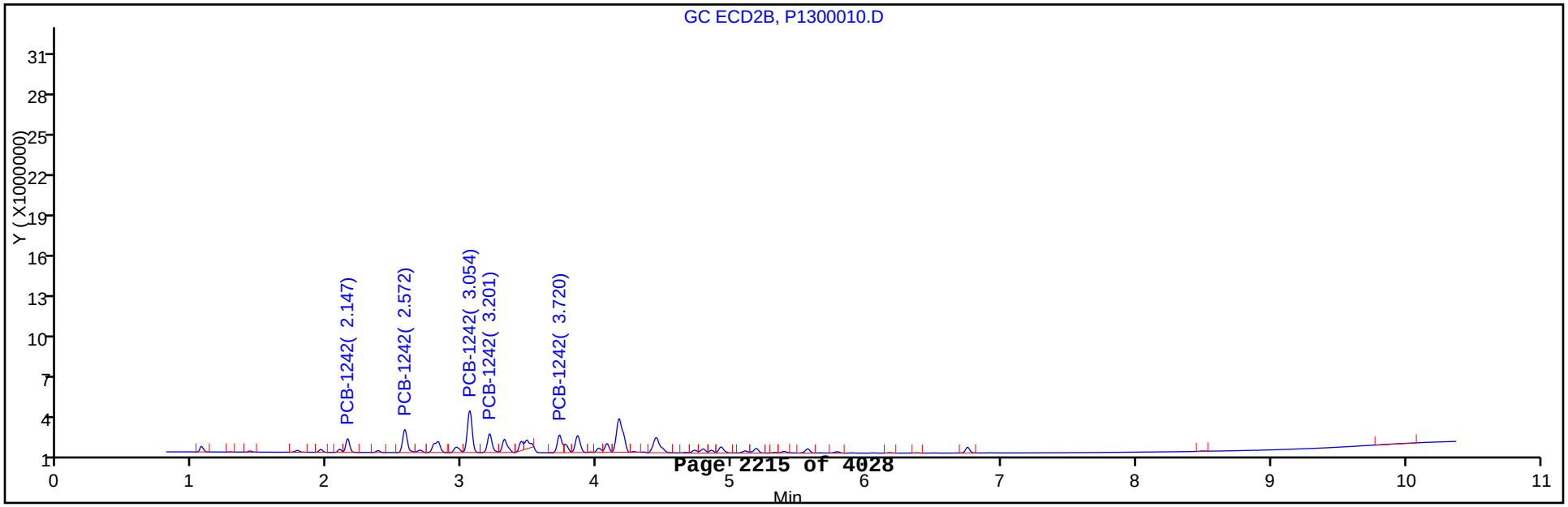
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

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



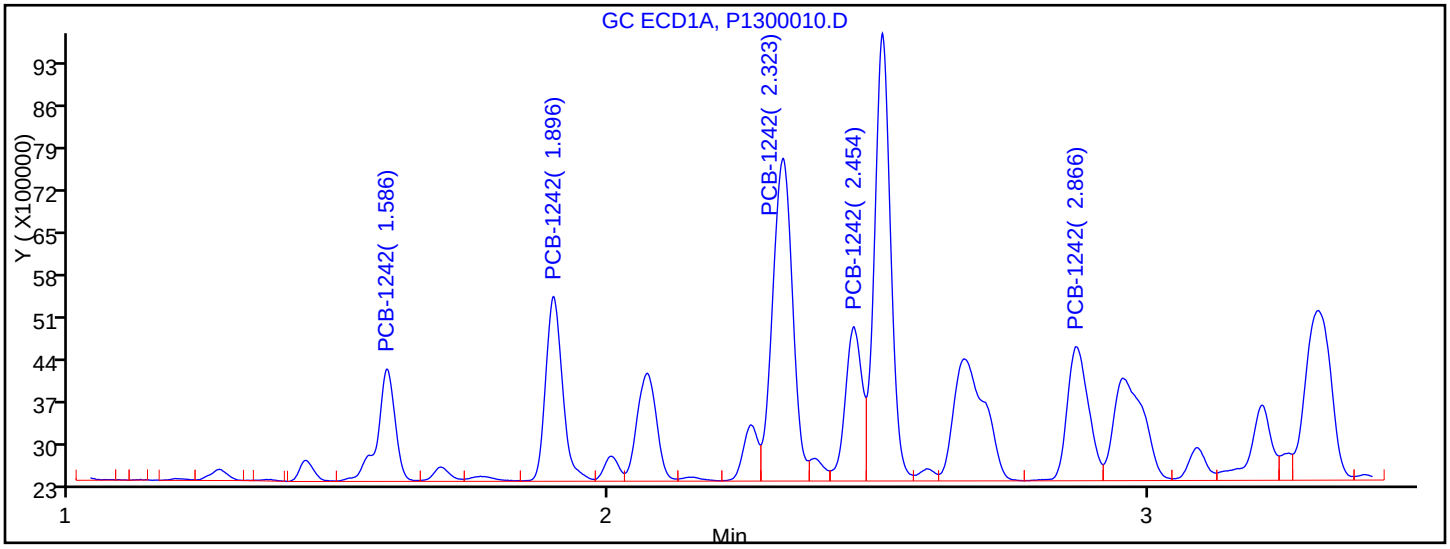
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

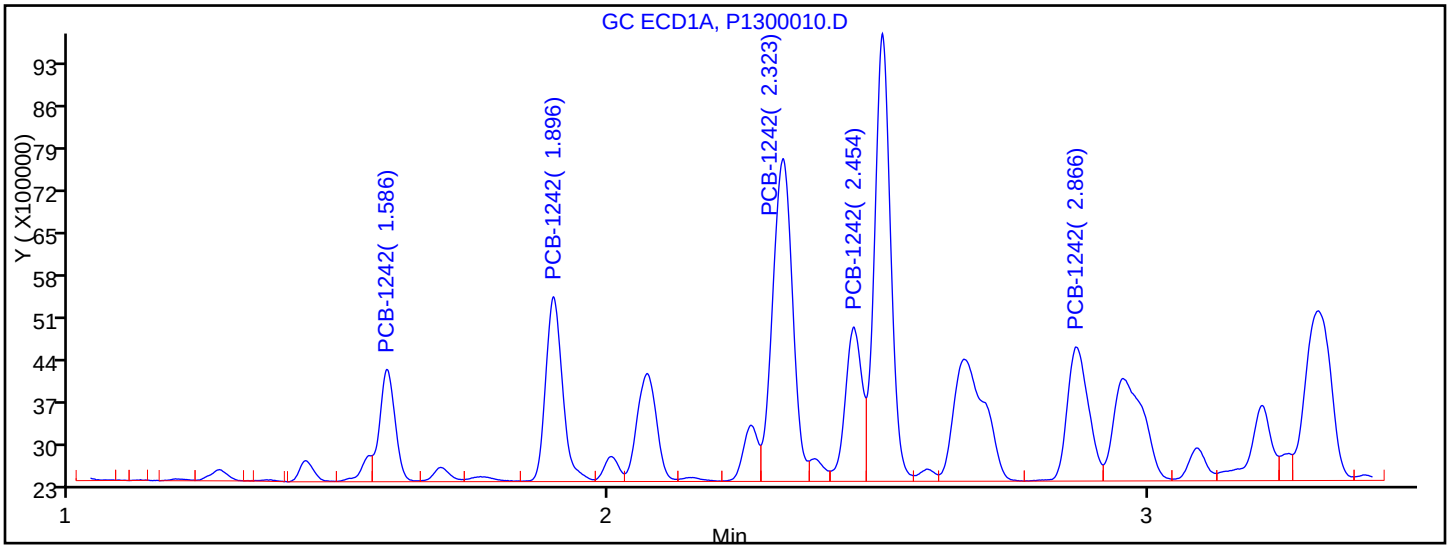
Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

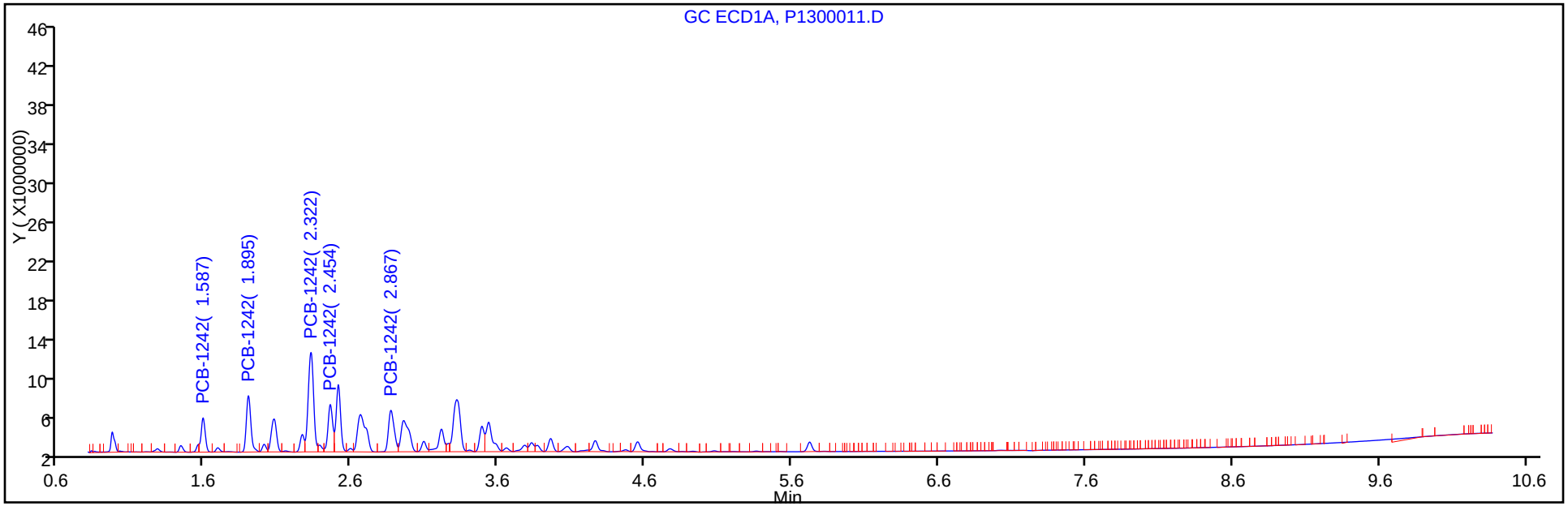
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

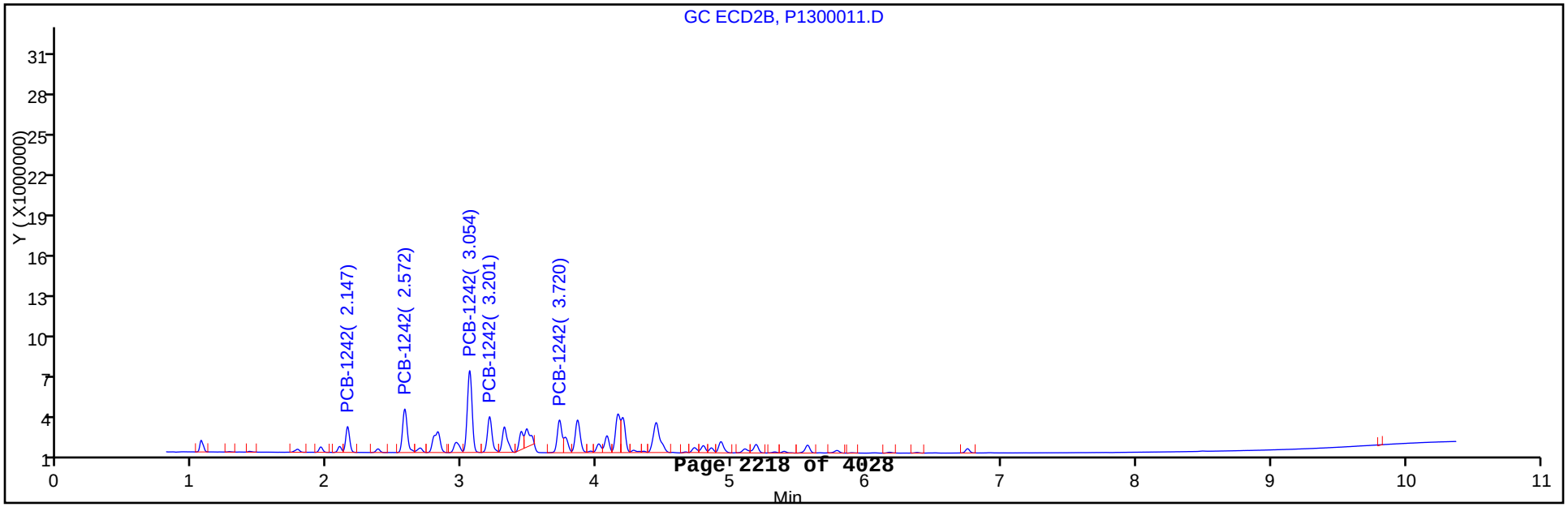
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

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



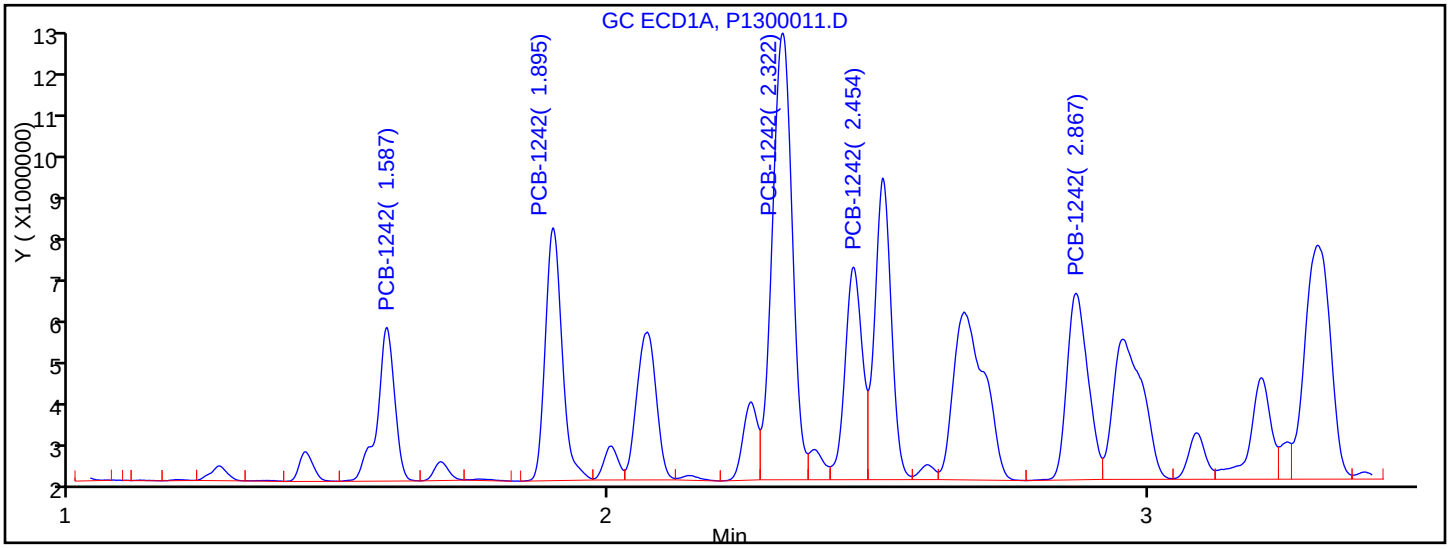
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

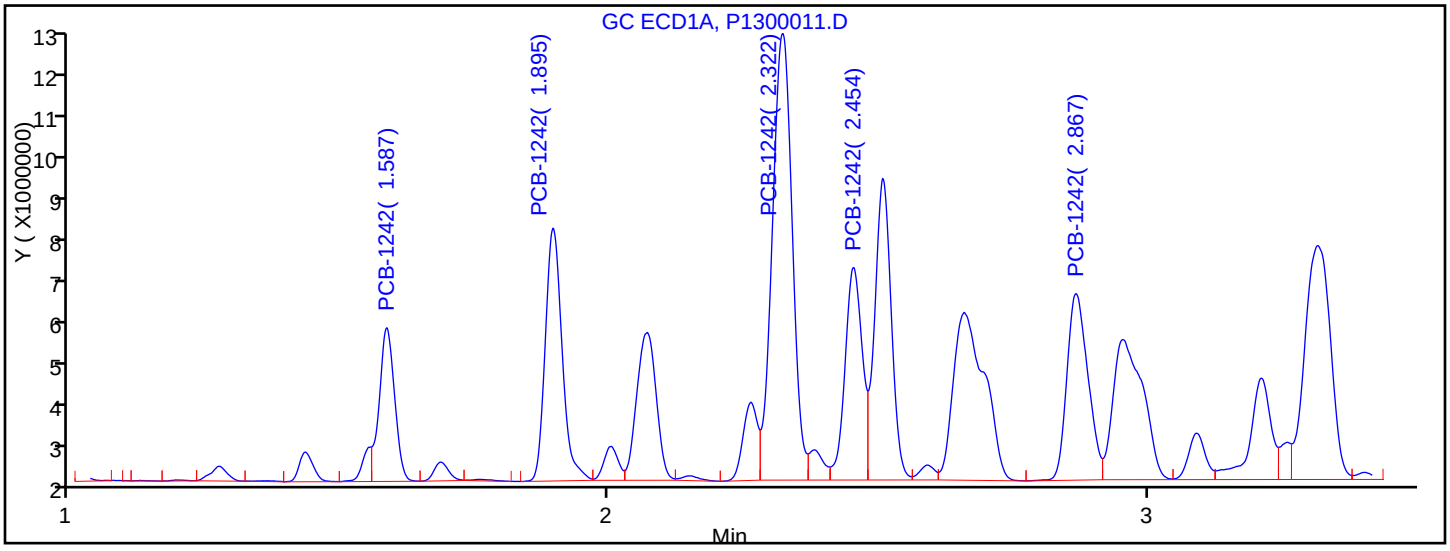
Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

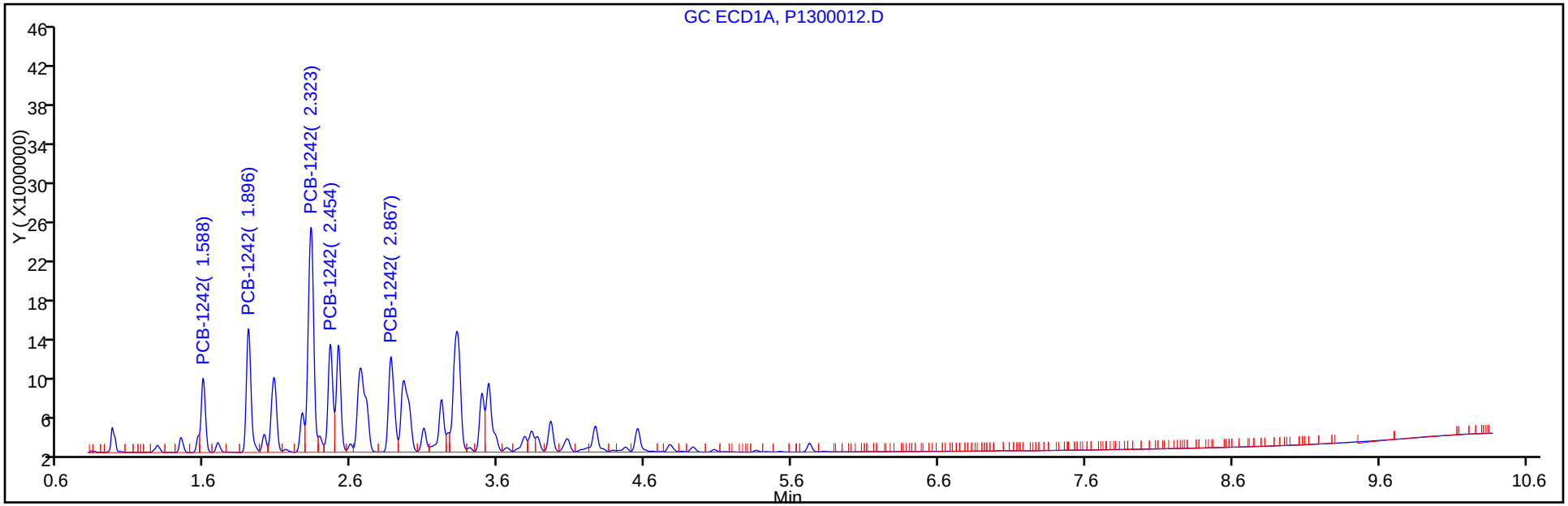
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

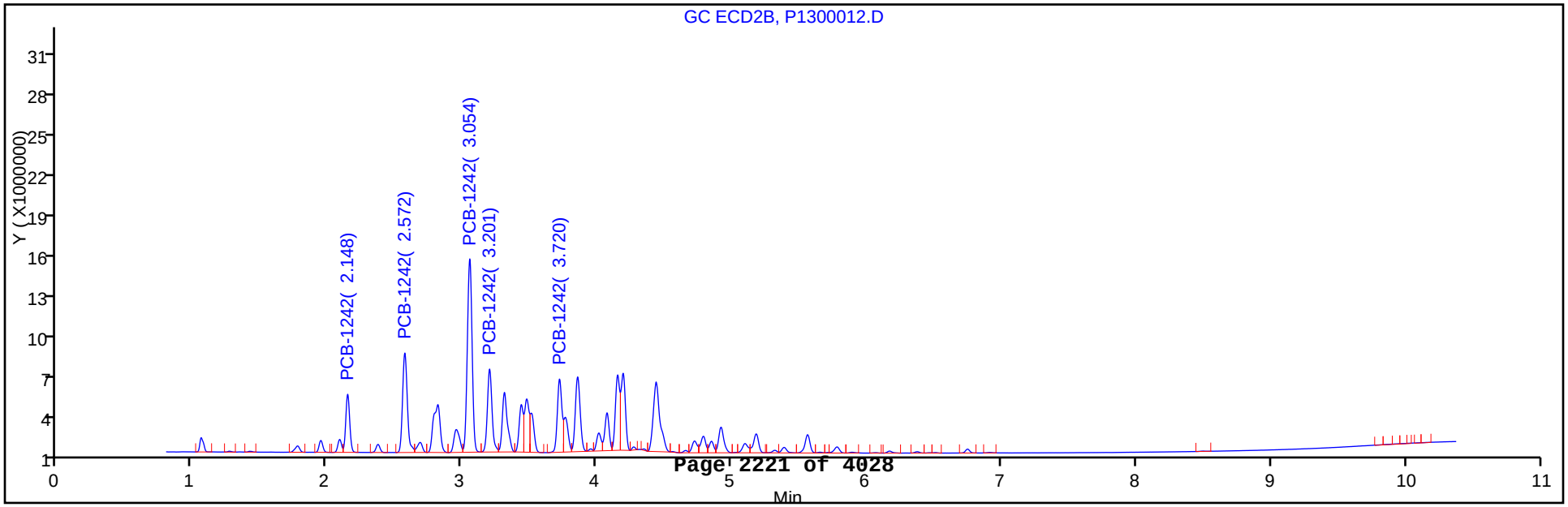
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

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



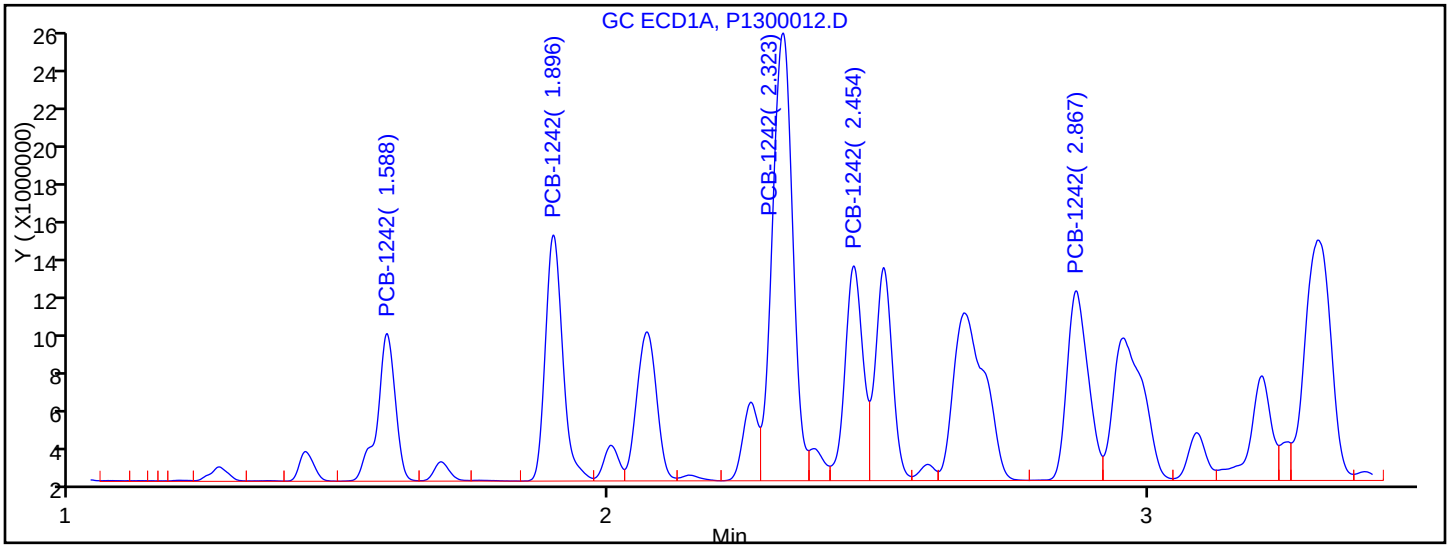
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

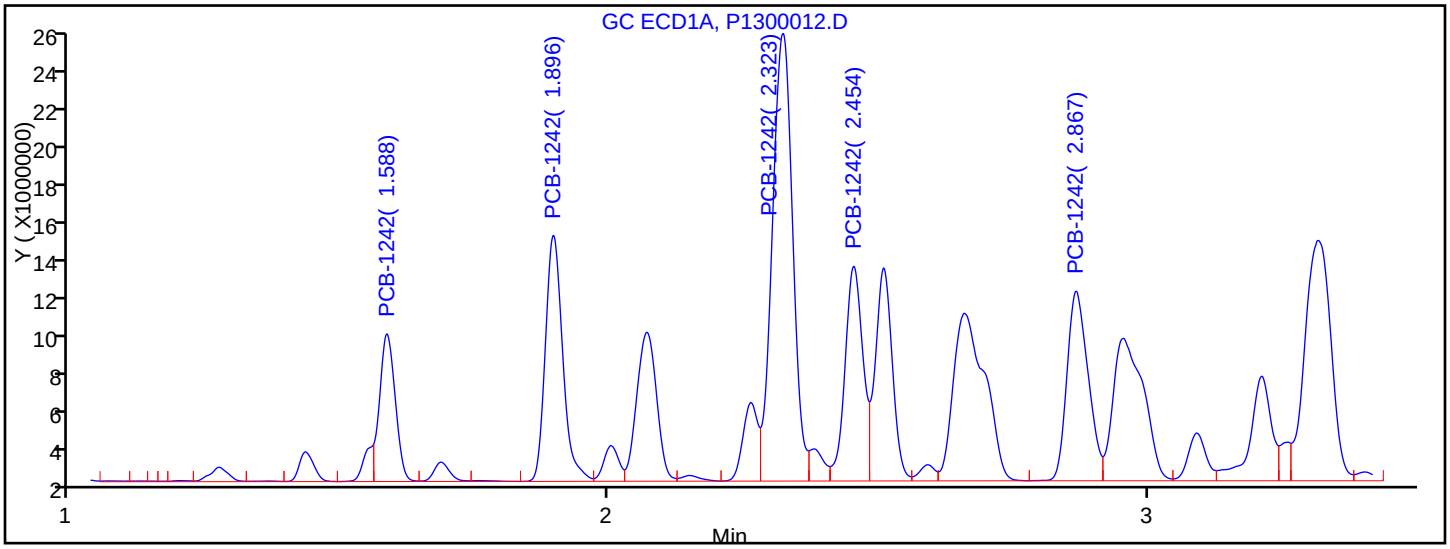
Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

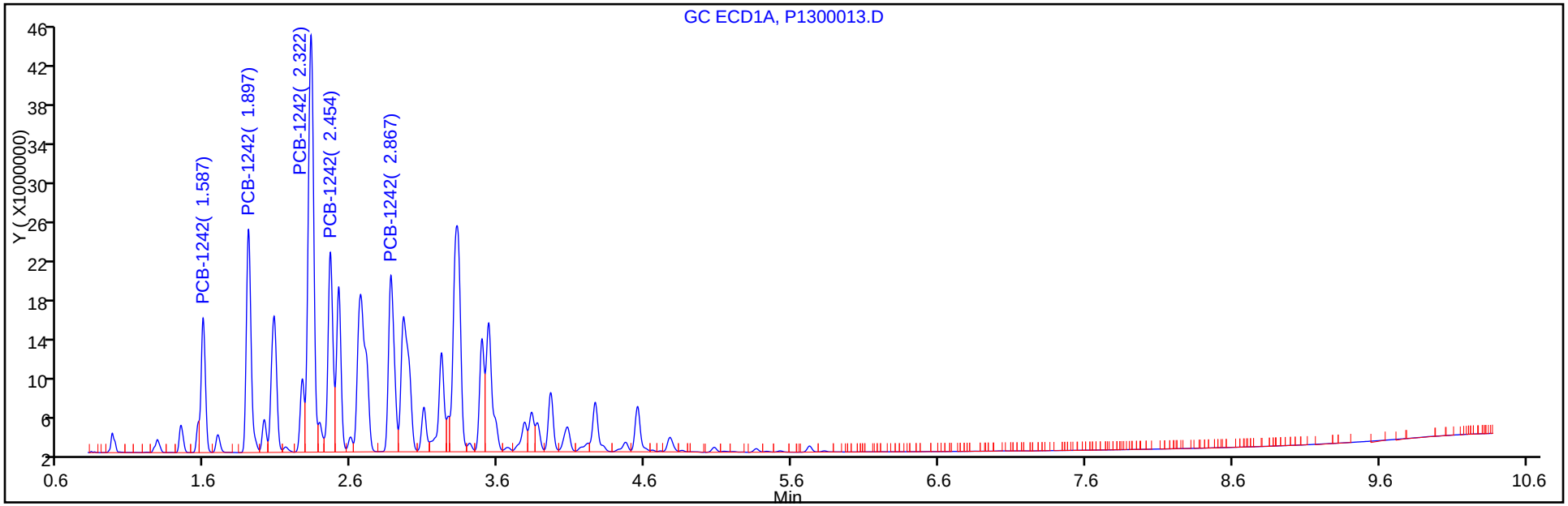
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

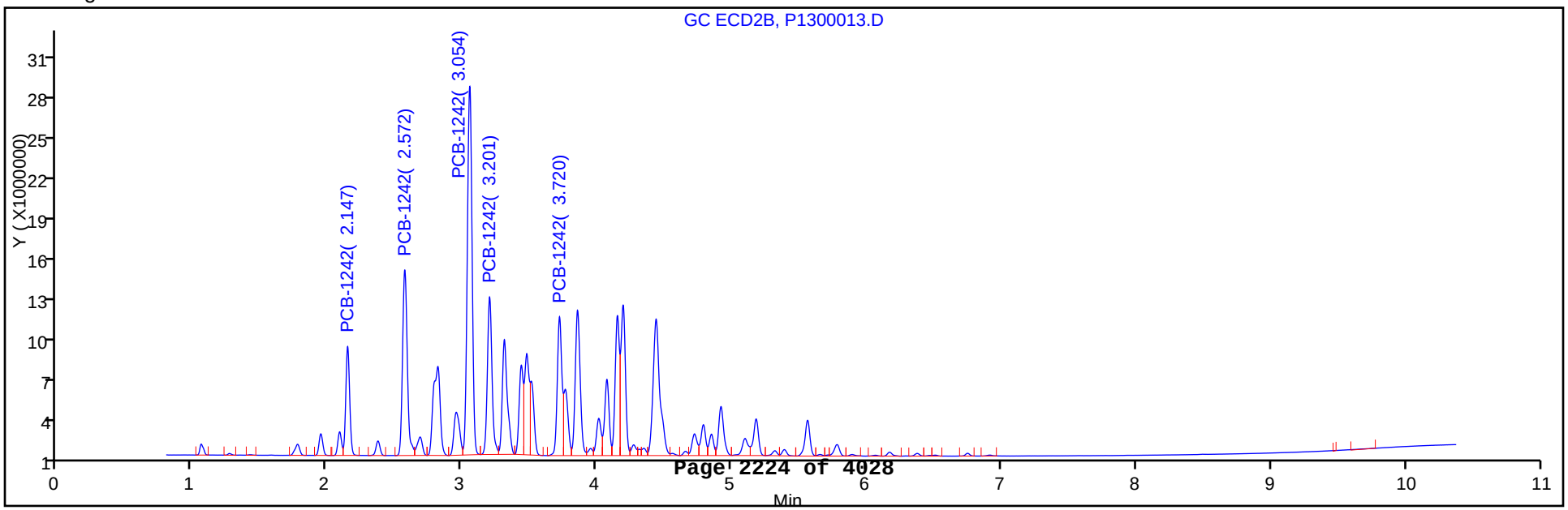
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

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



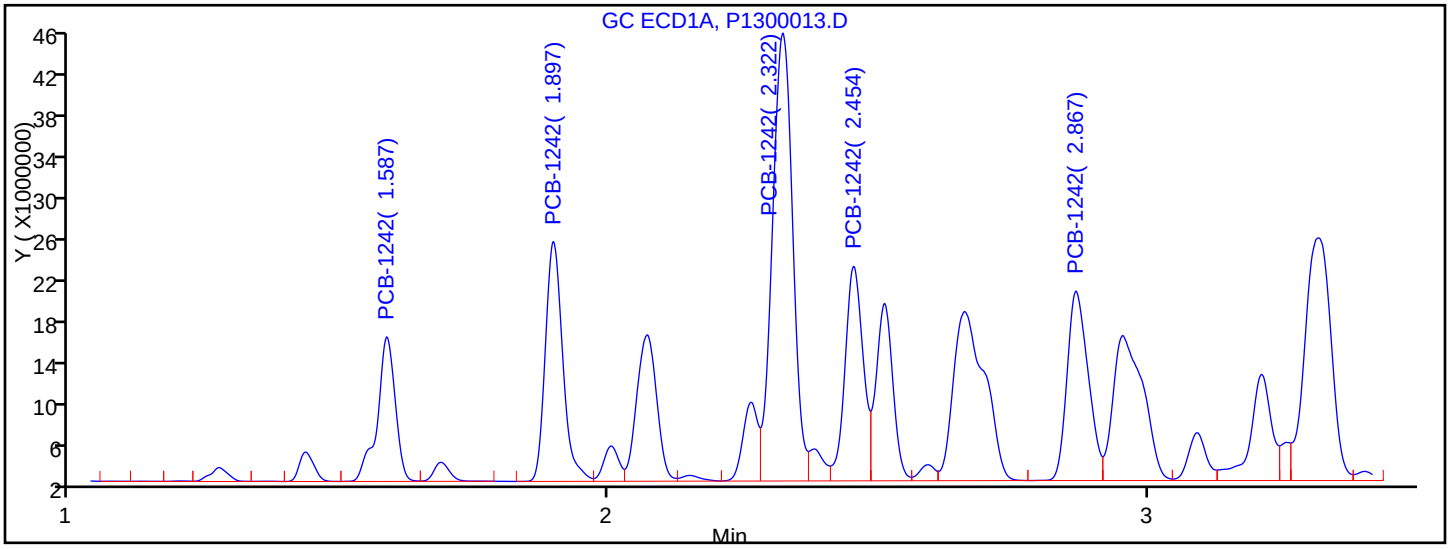
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

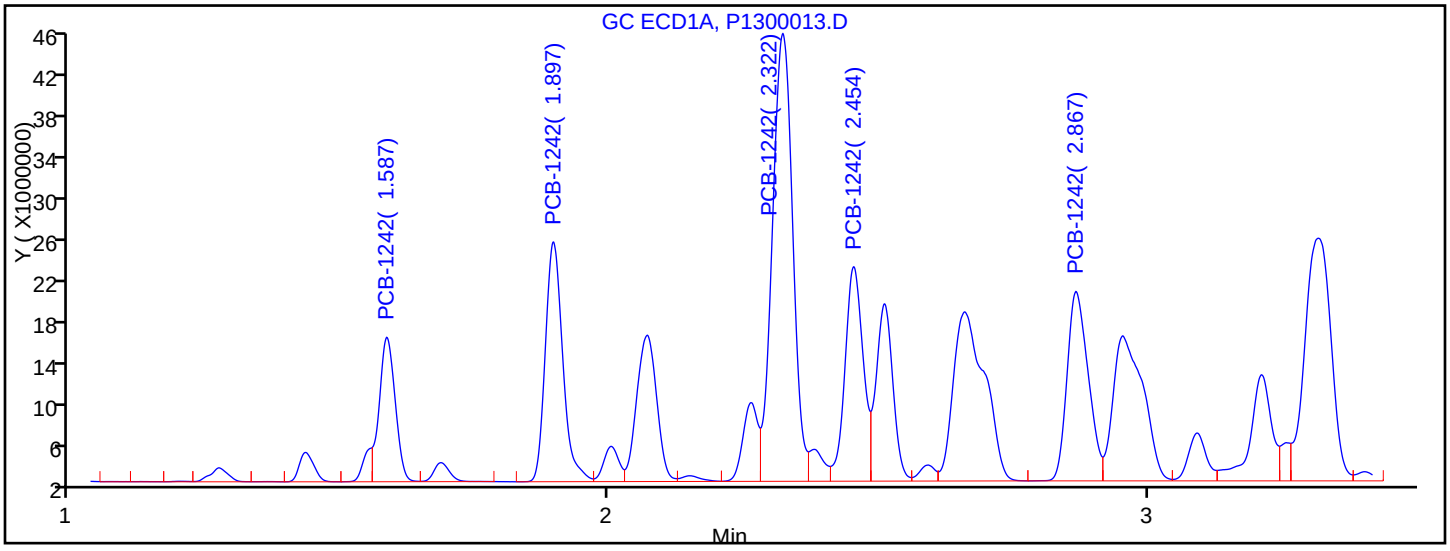
Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

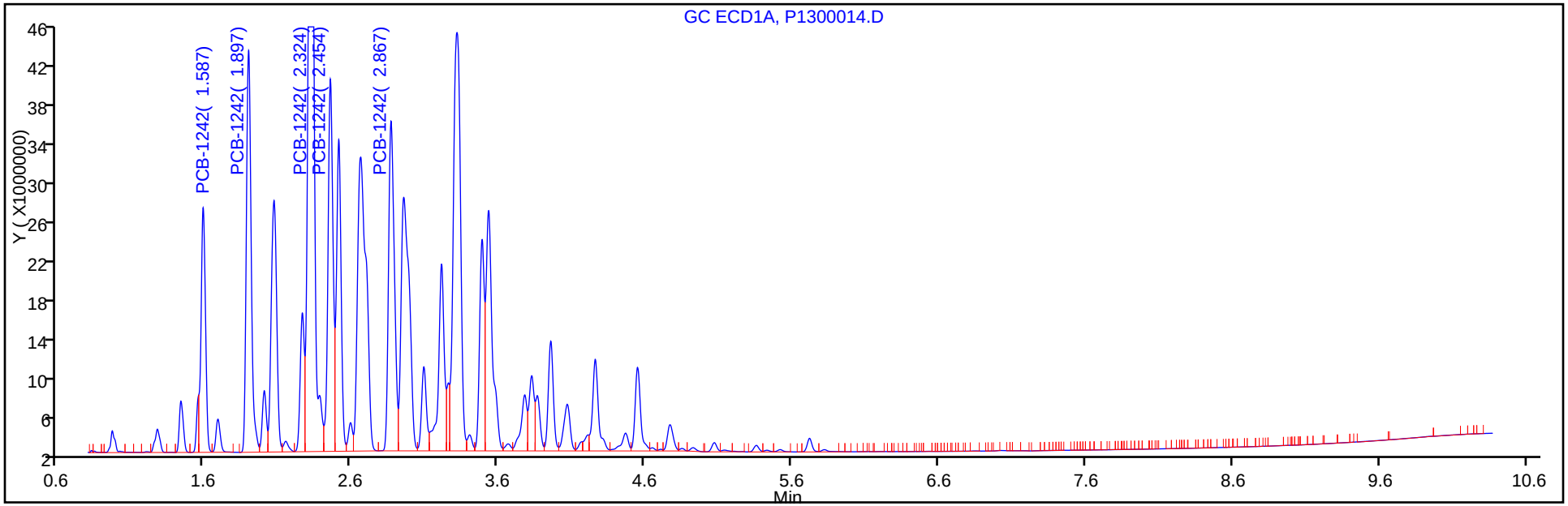
Report Date: 22-Oct-2012 09:18:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

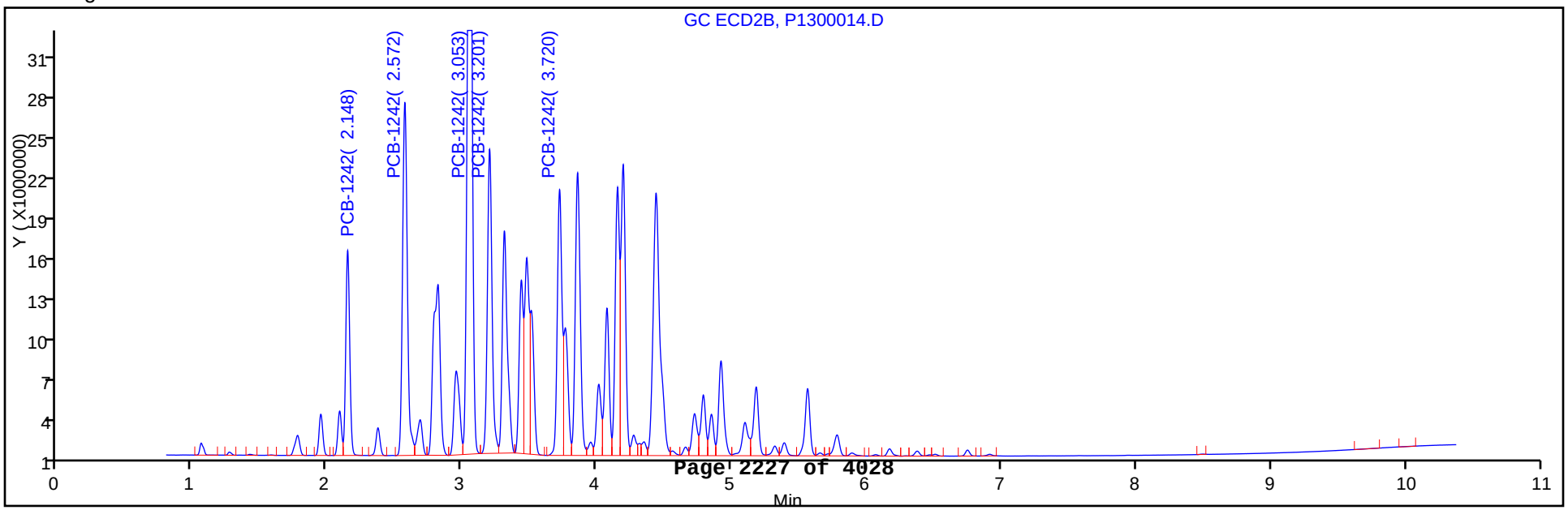
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

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



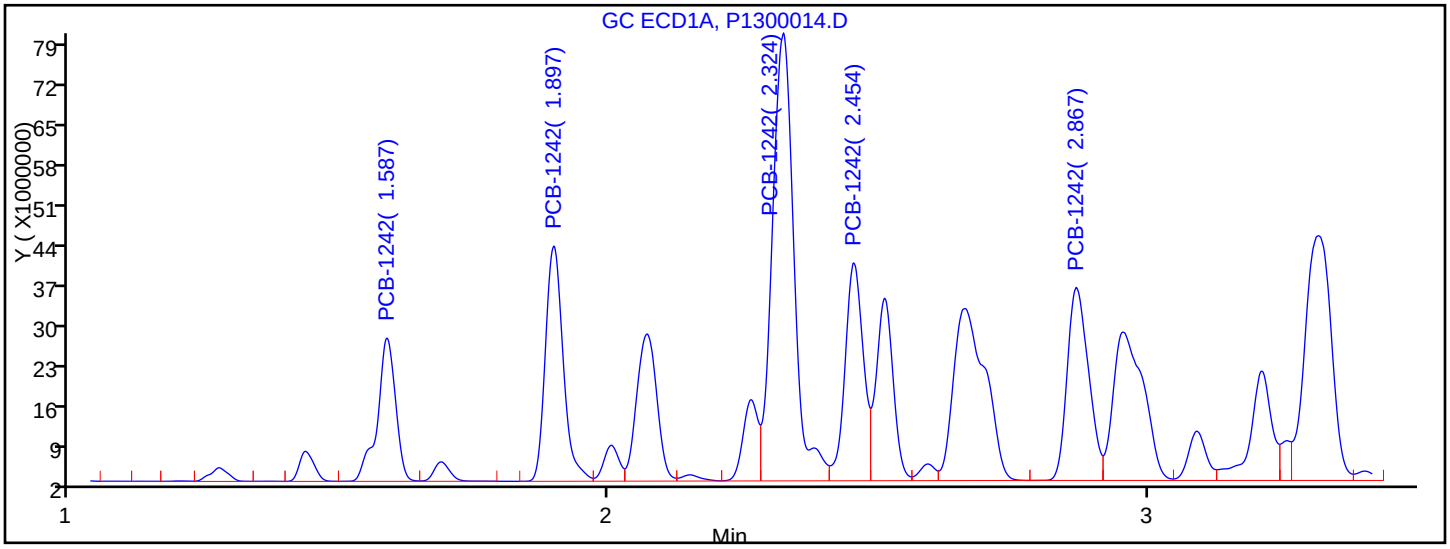
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

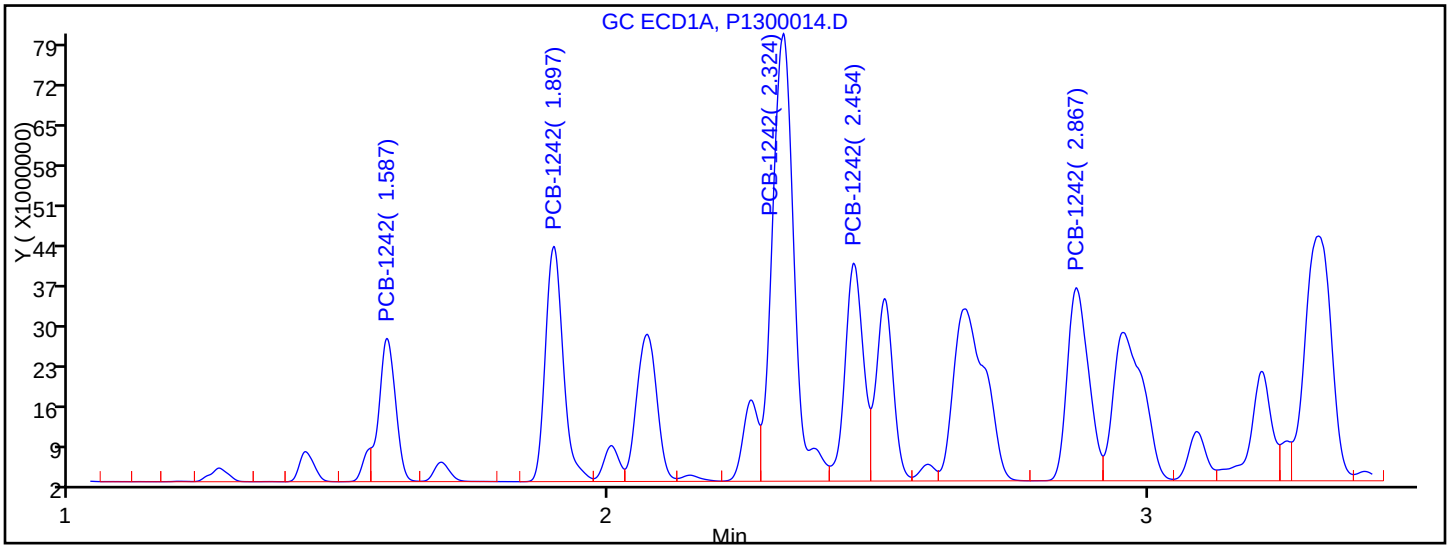
Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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			

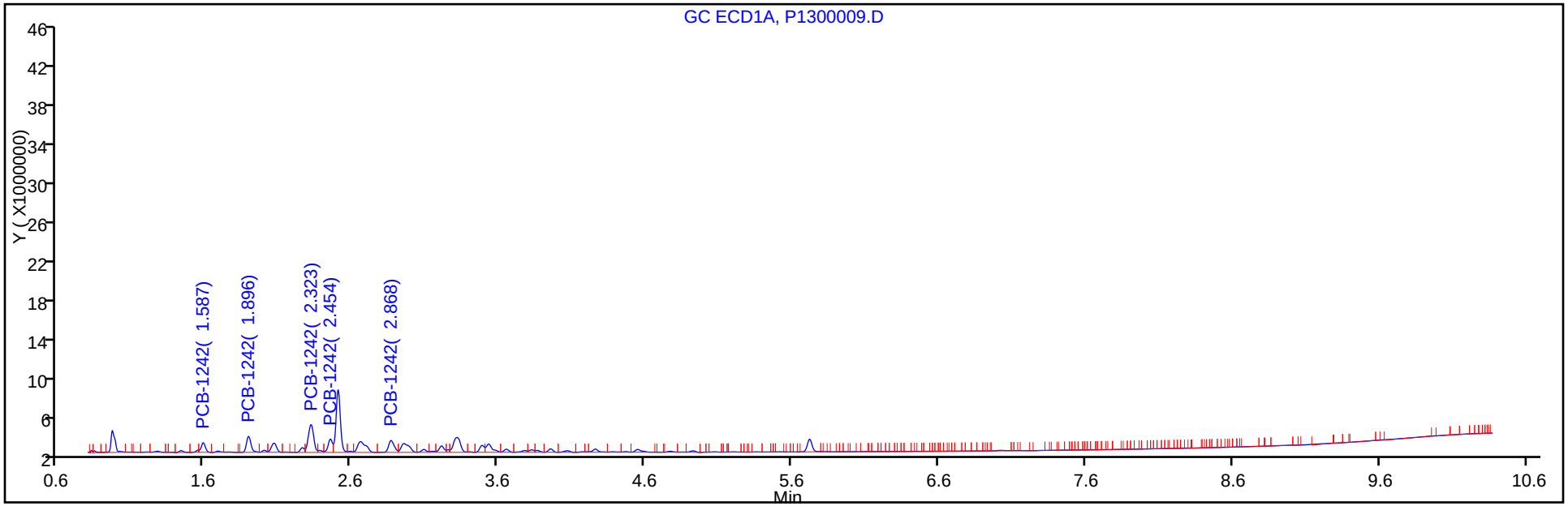
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

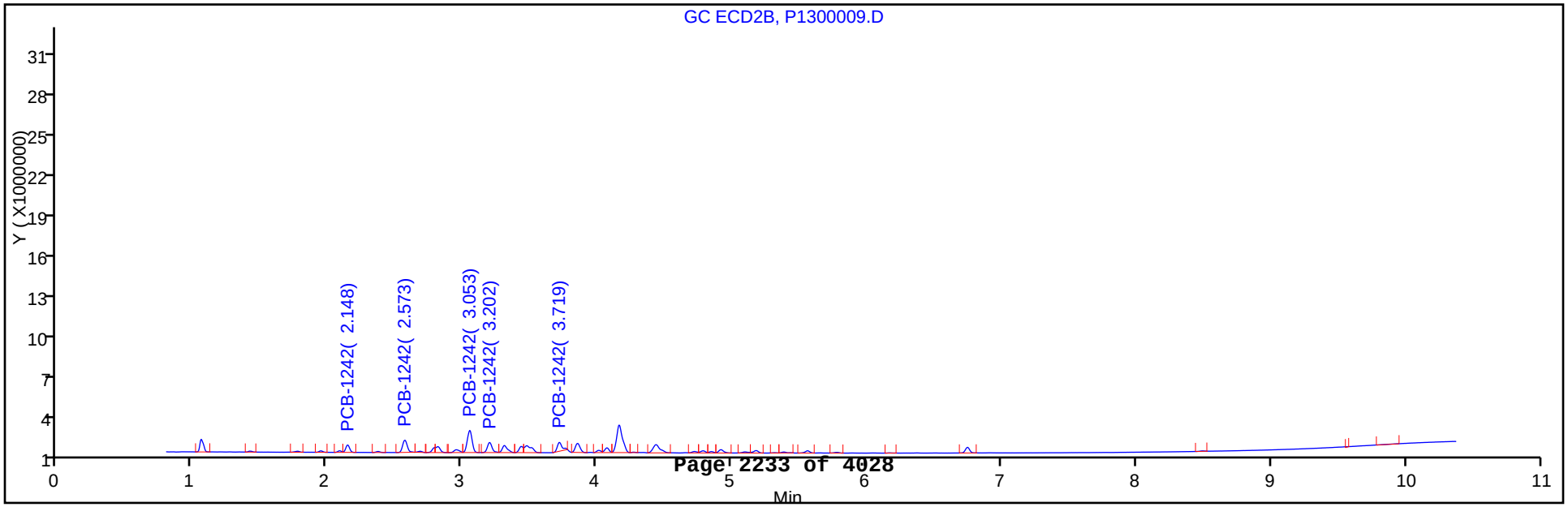
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

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

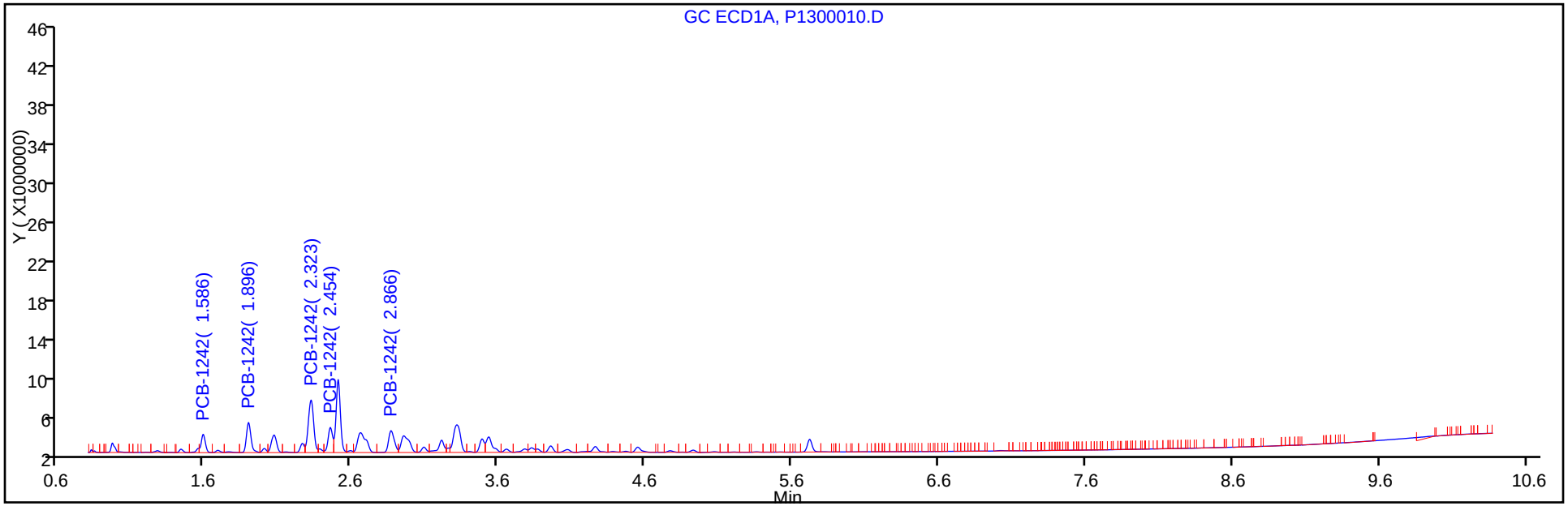
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

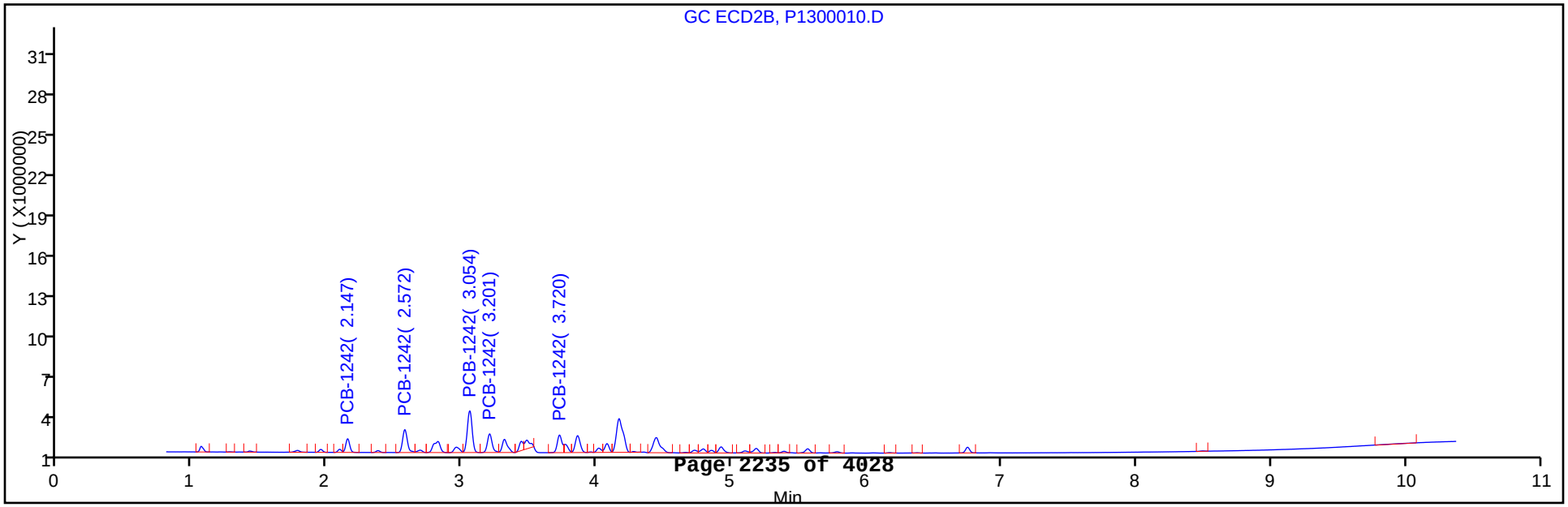
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

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

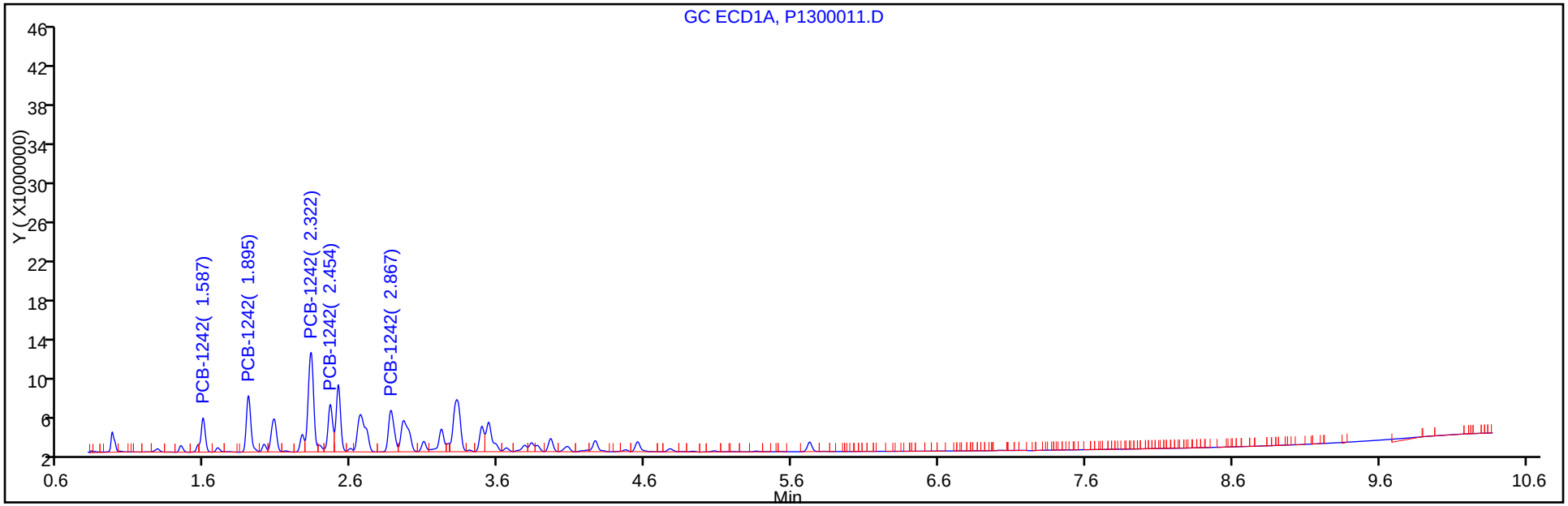
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

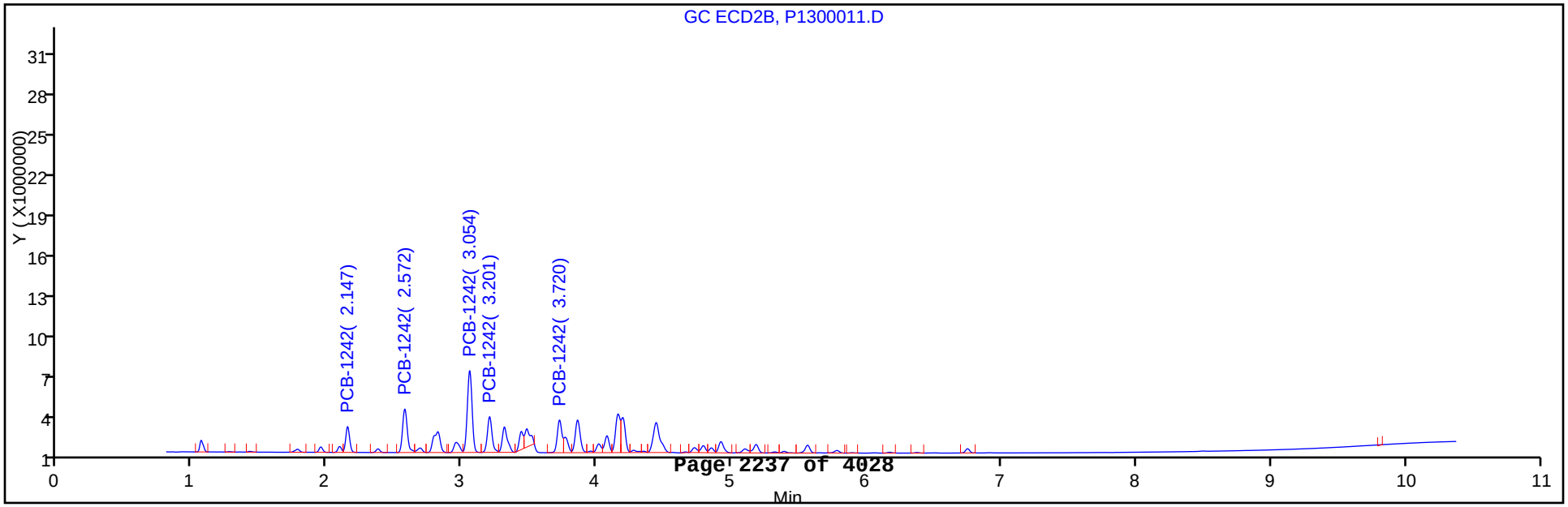
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

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

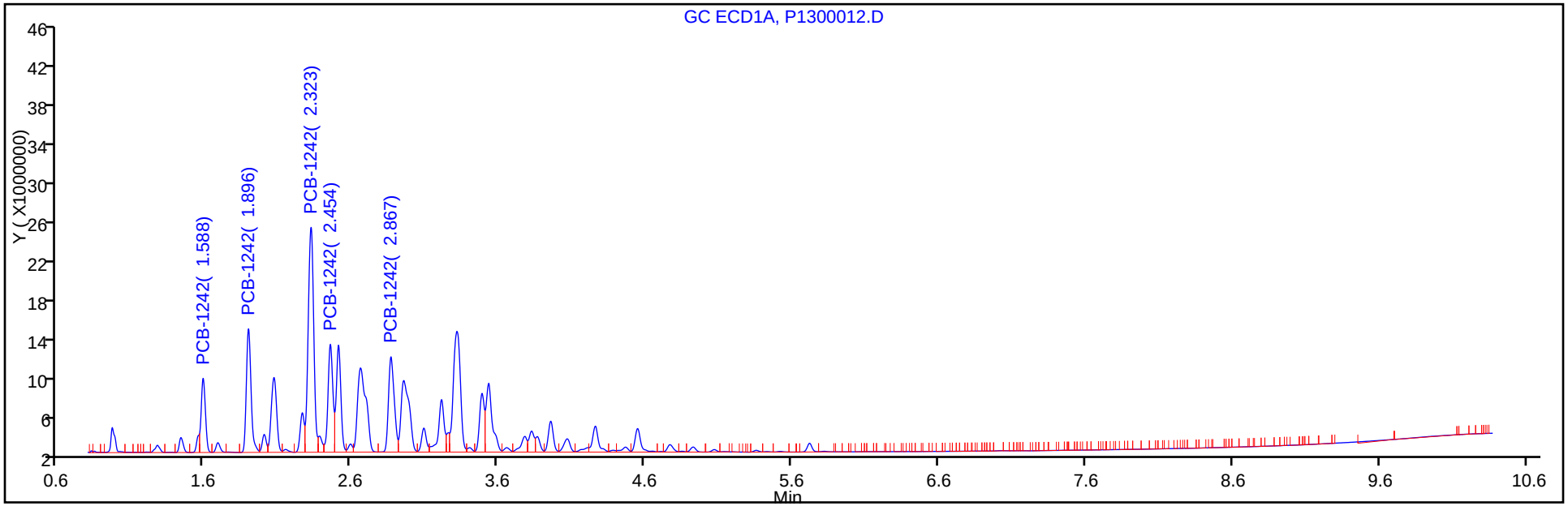
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

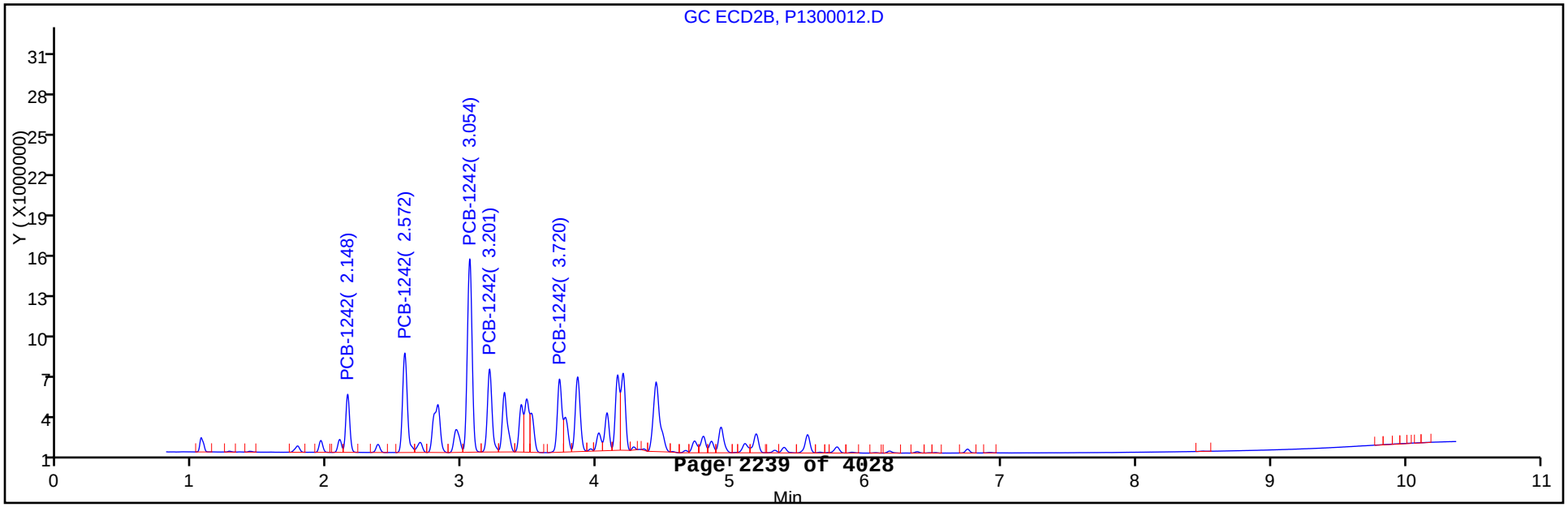
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

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

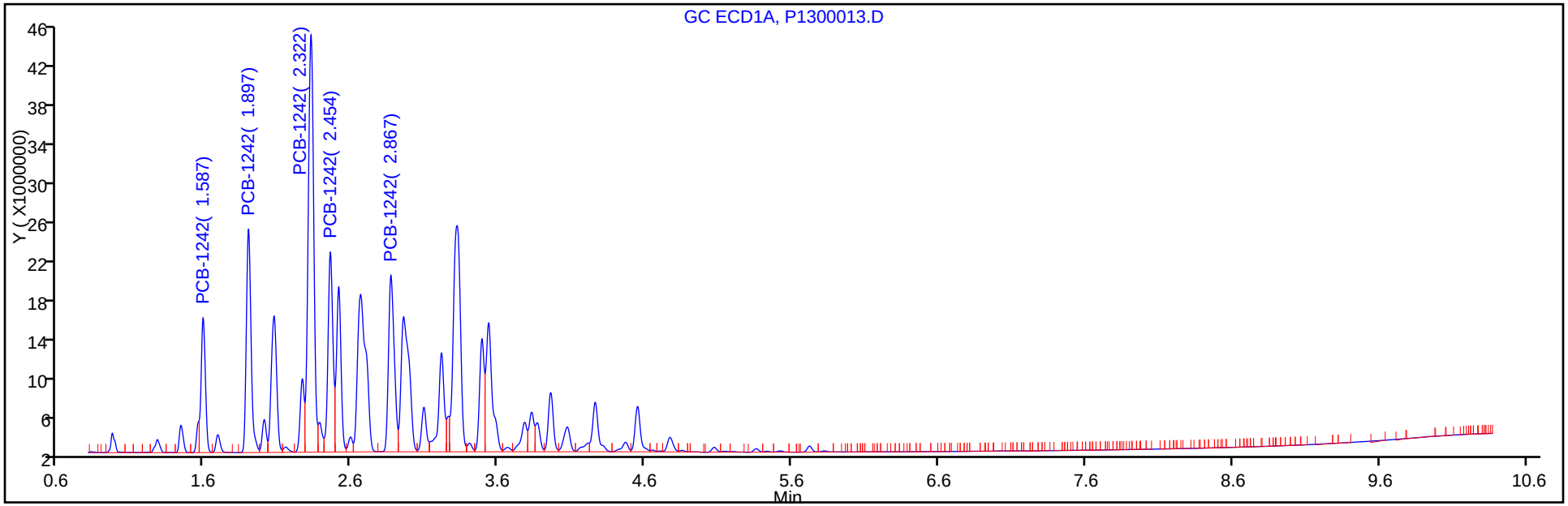
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

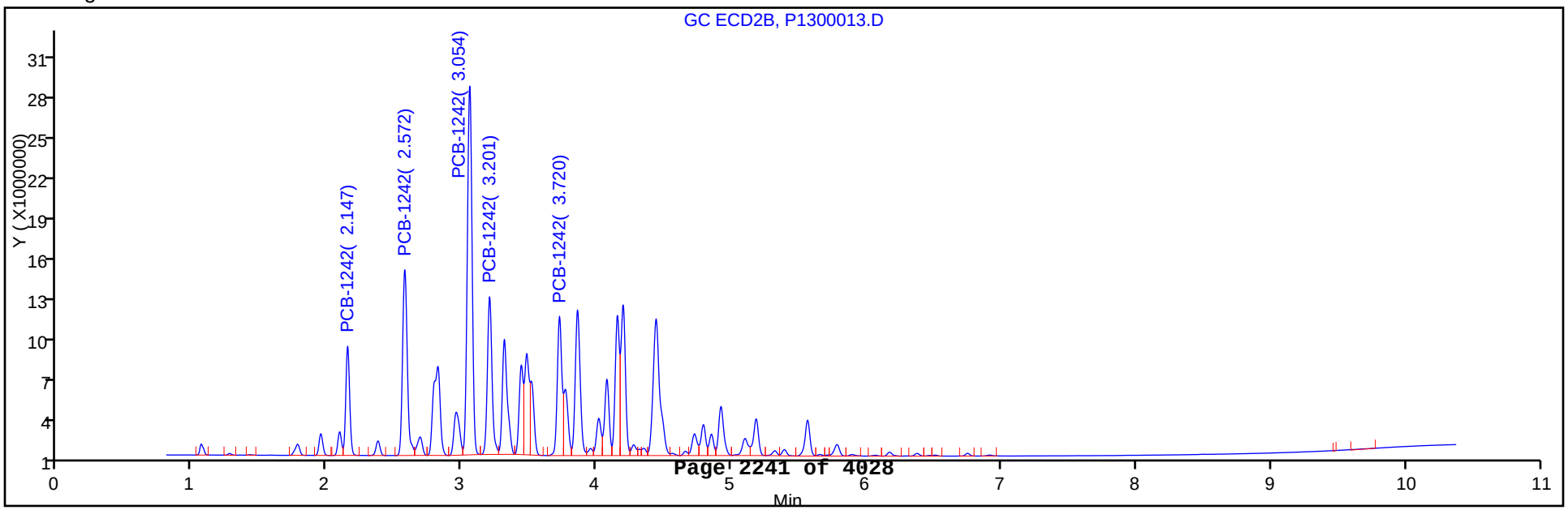
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

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

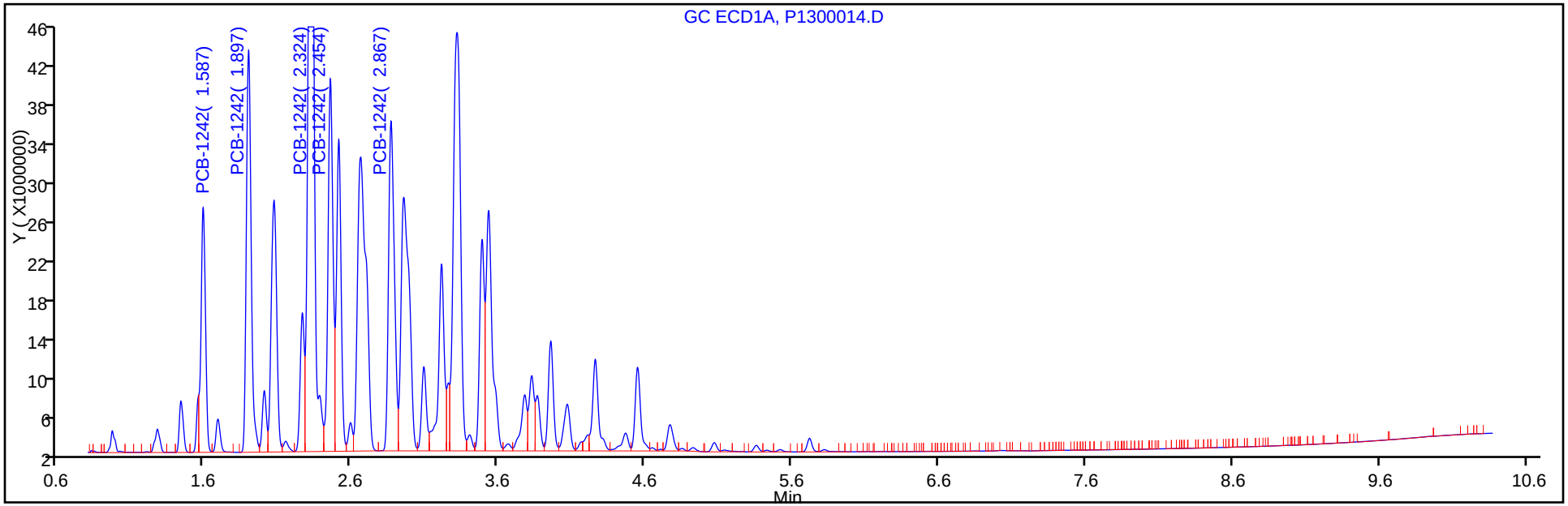
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

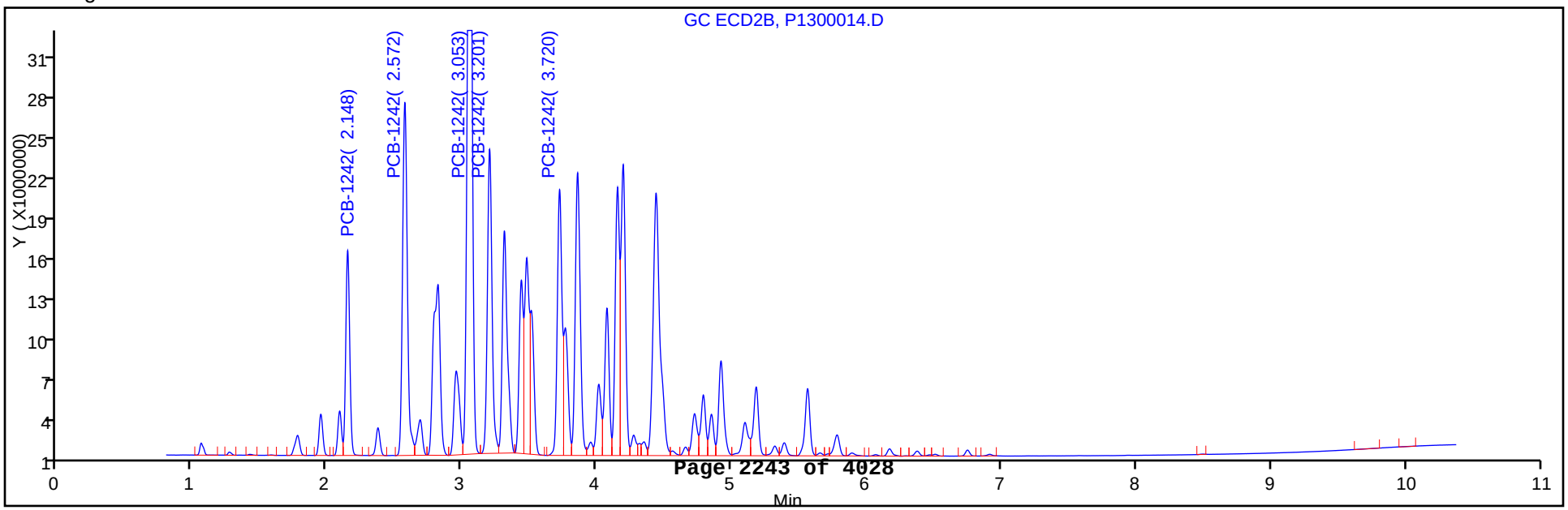
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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			

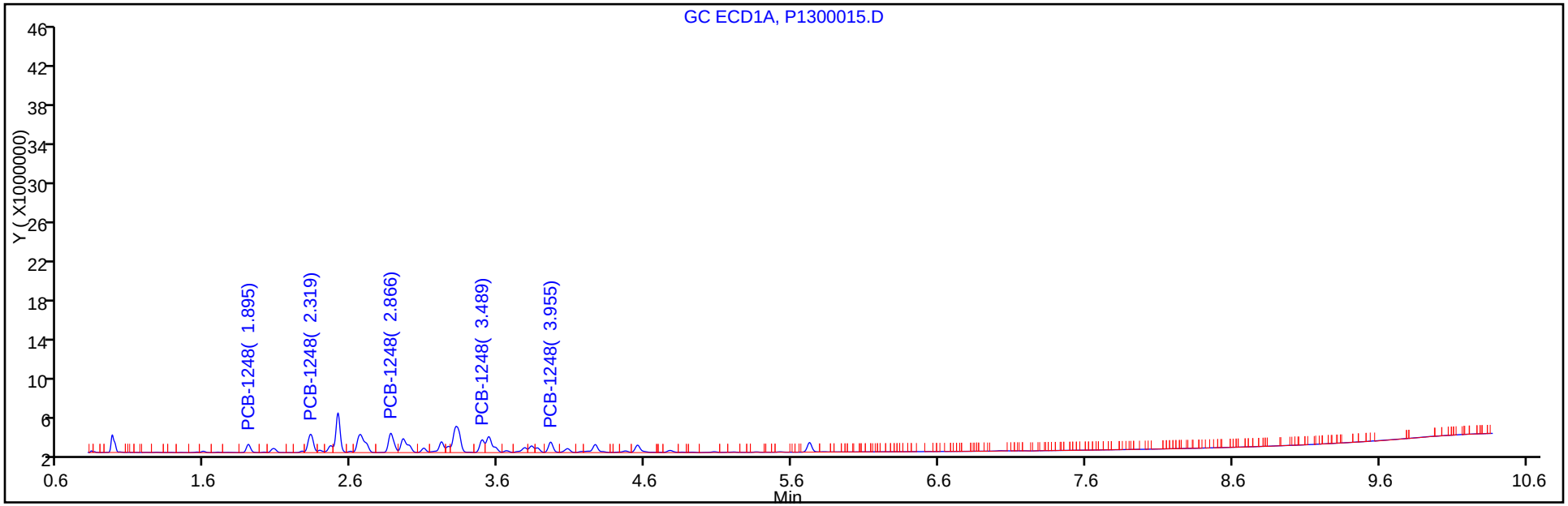
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

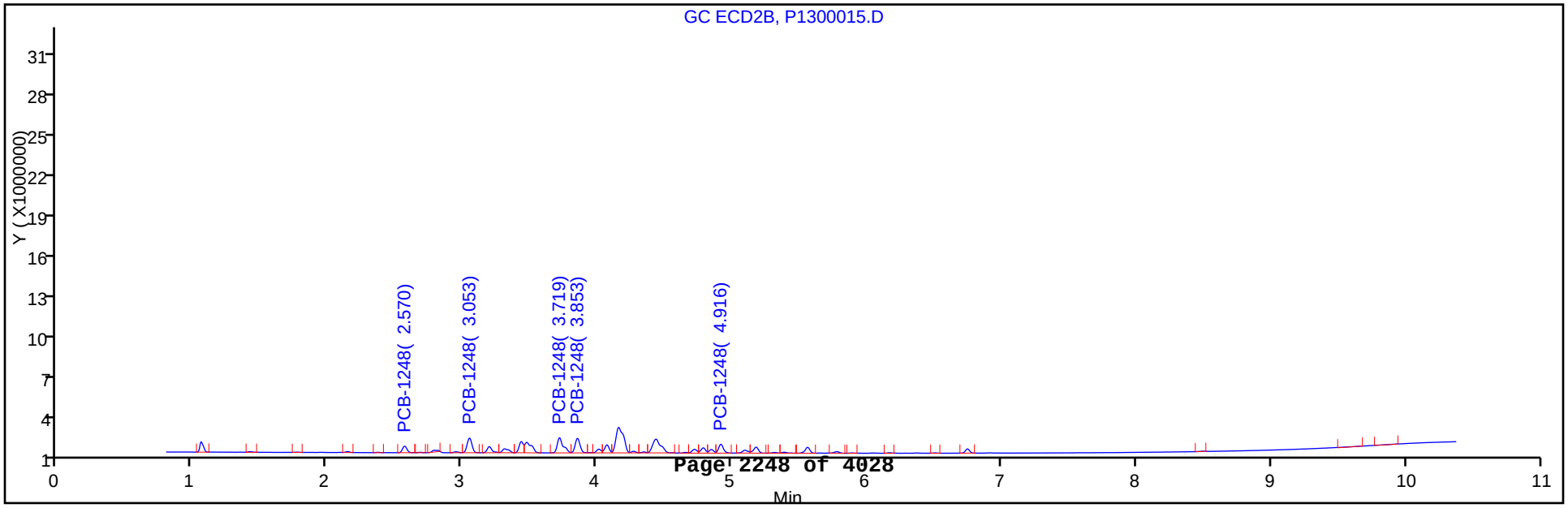
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

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			

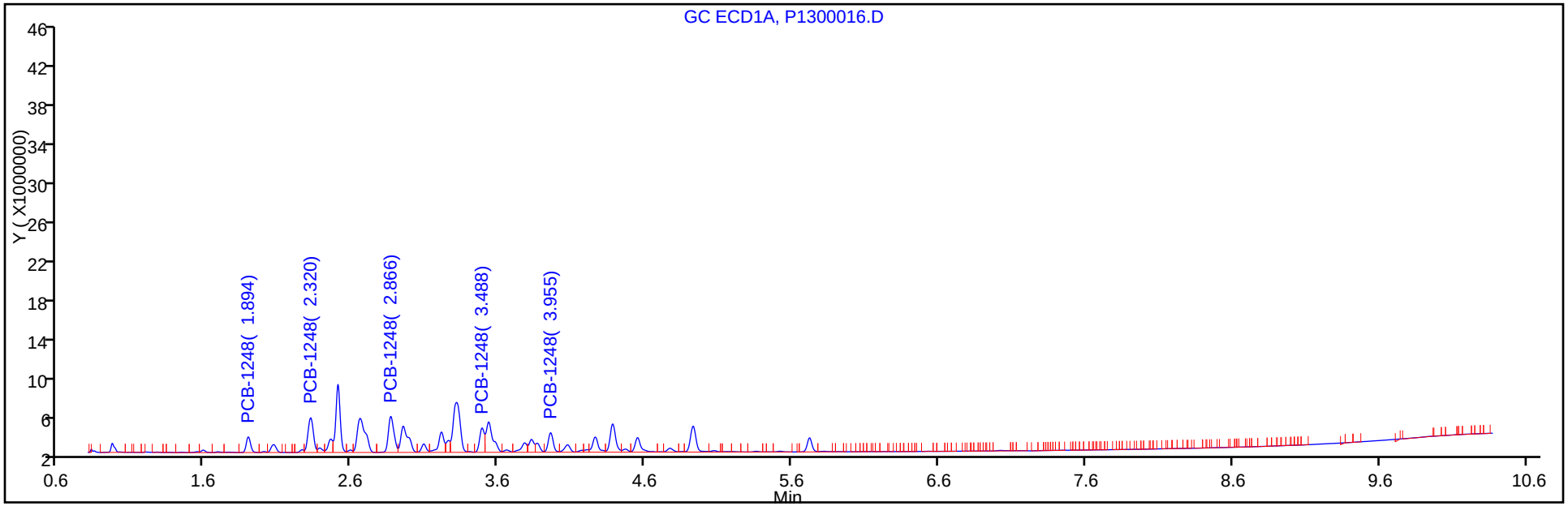
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

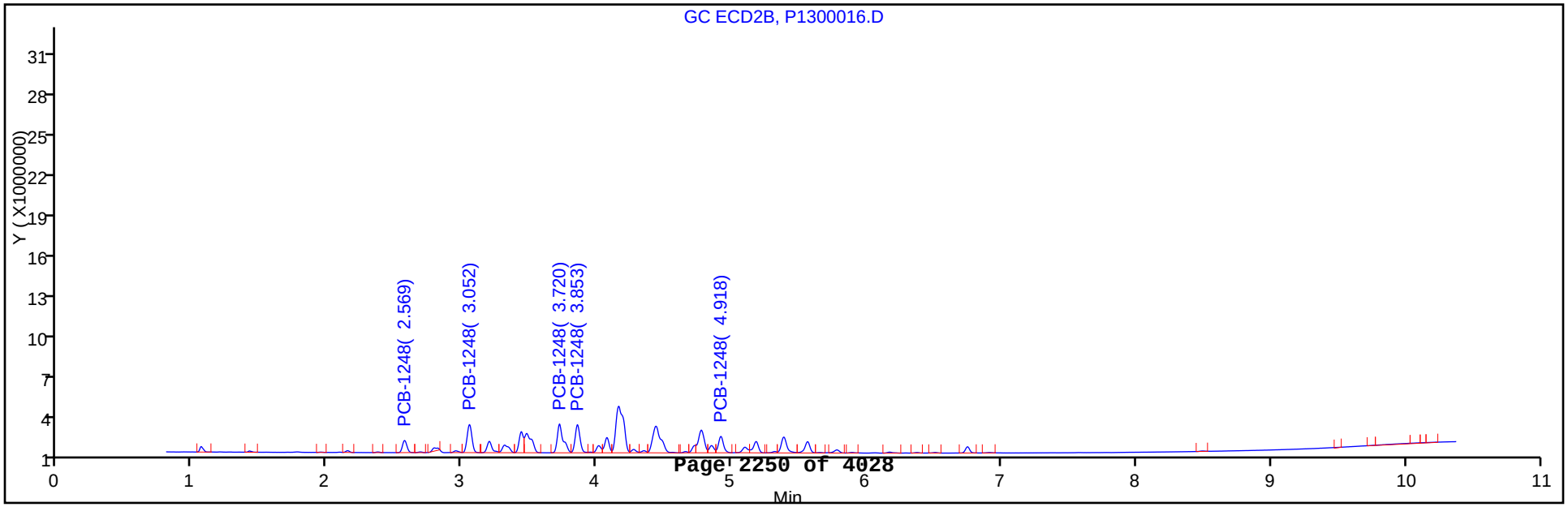
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

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			

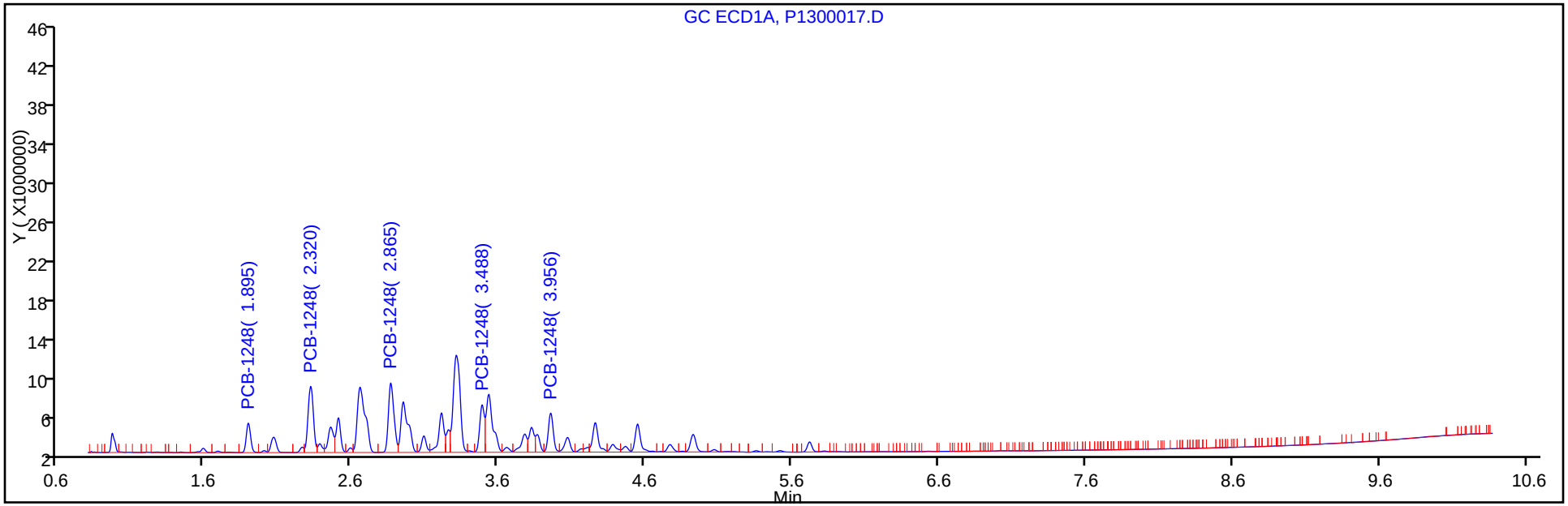
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

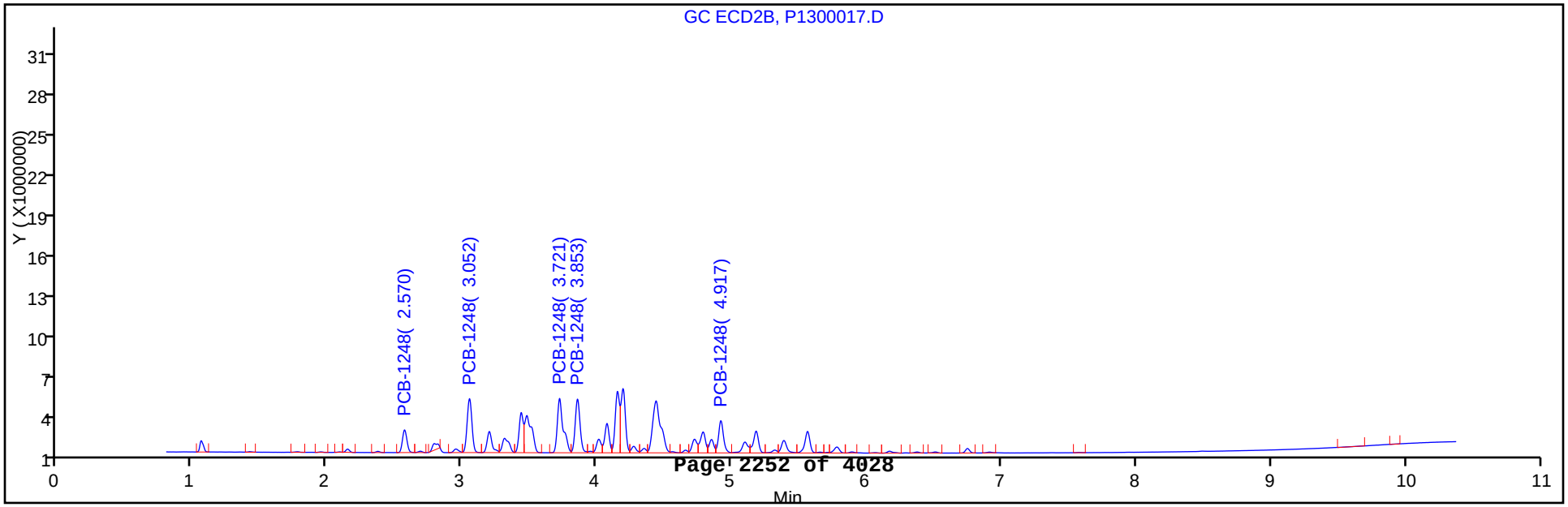
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

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			

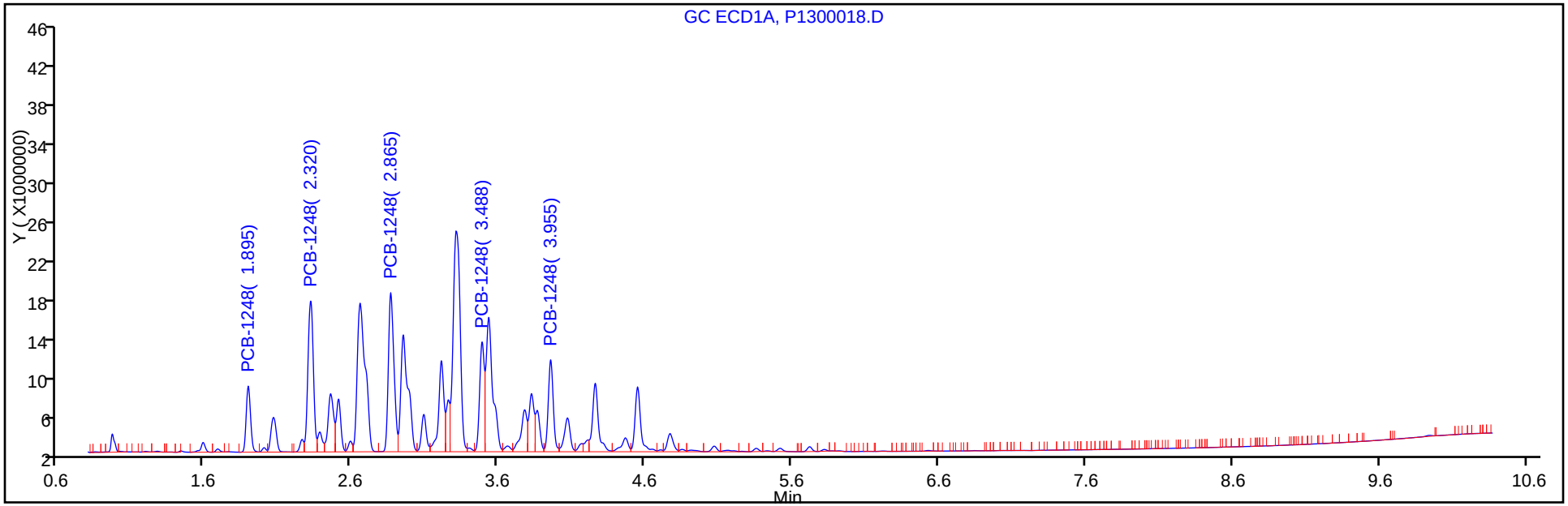
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

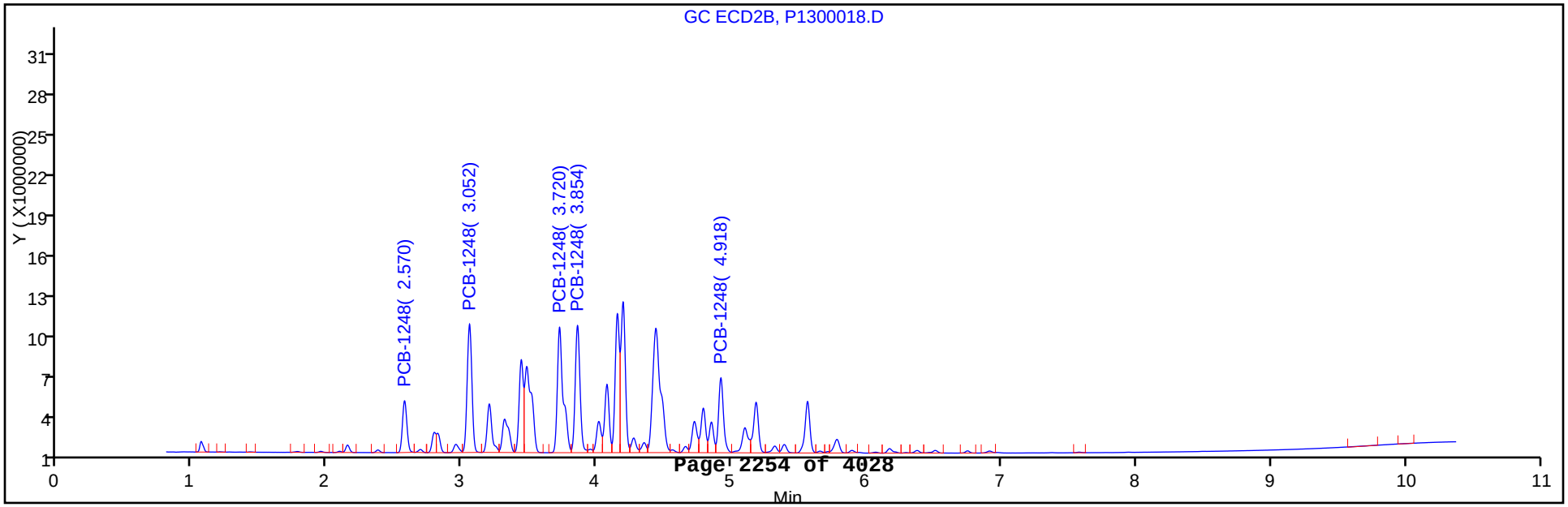
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

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			

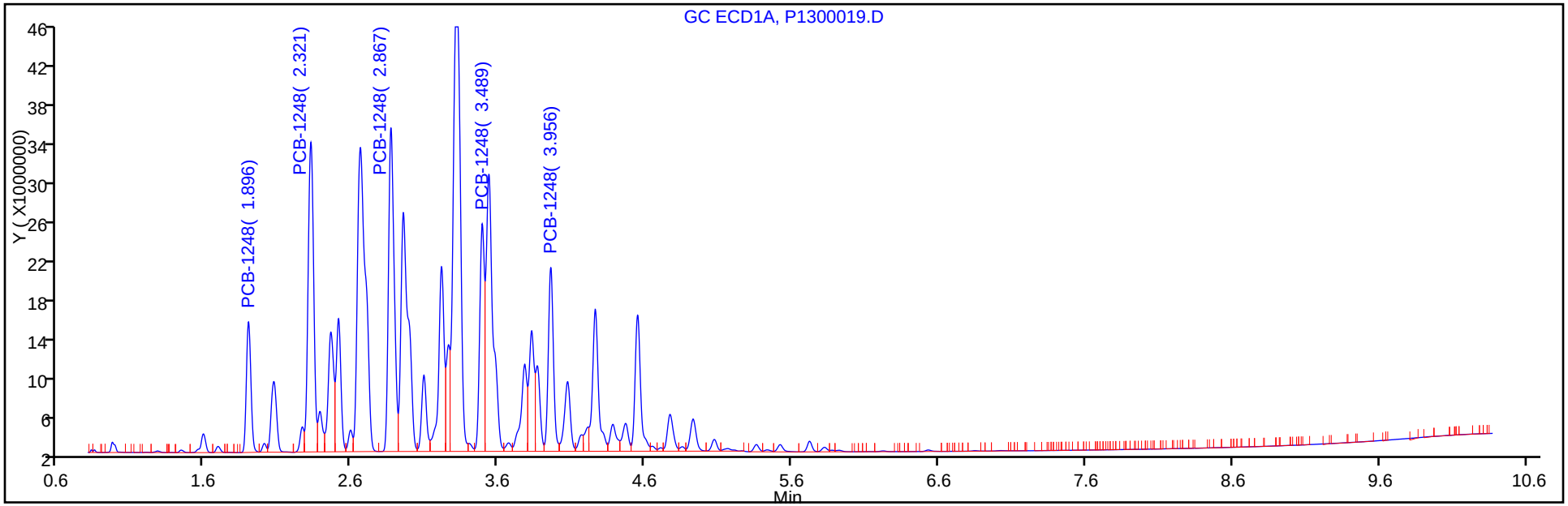
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

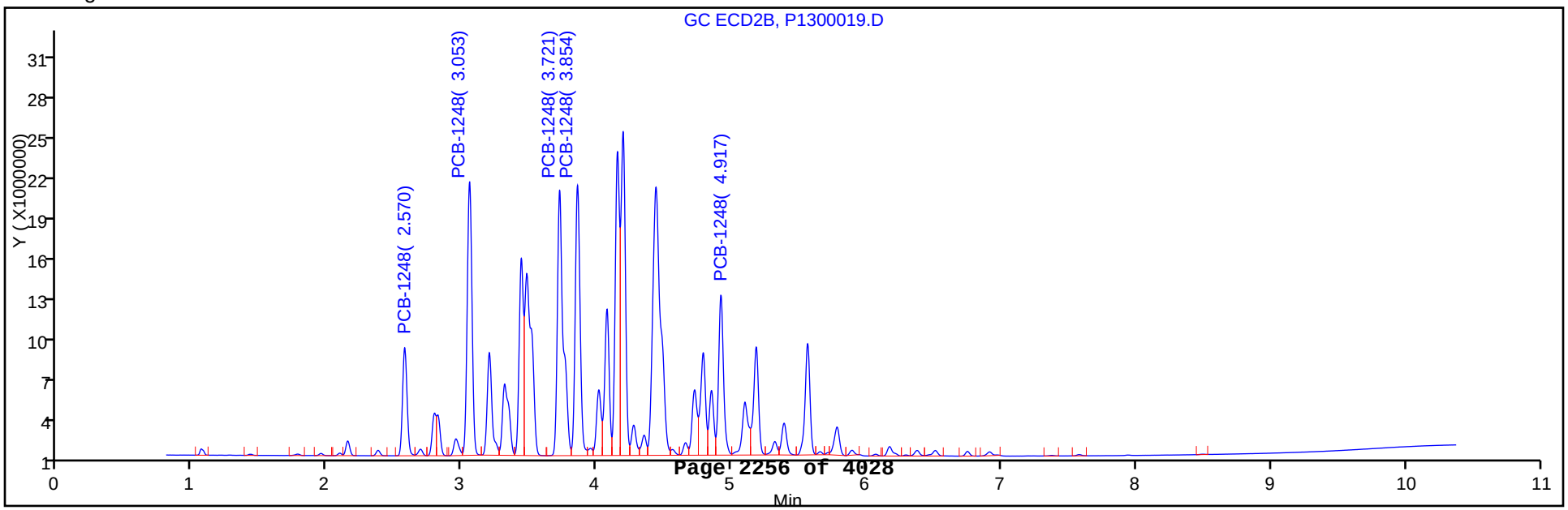
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

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			

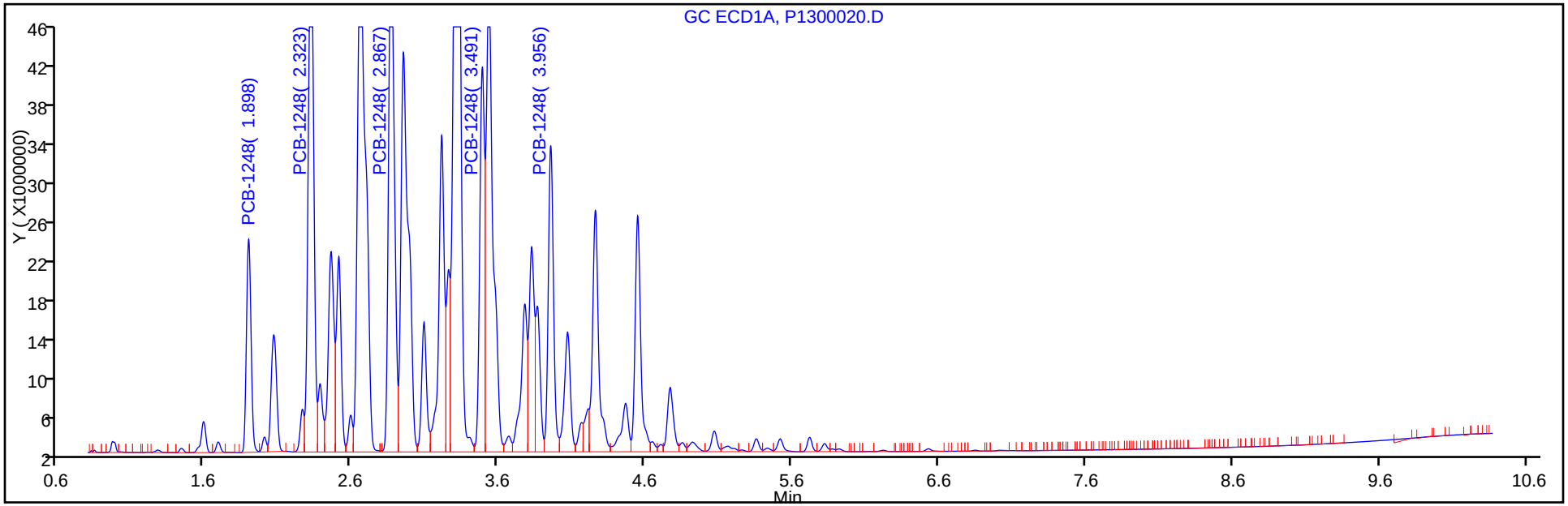
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

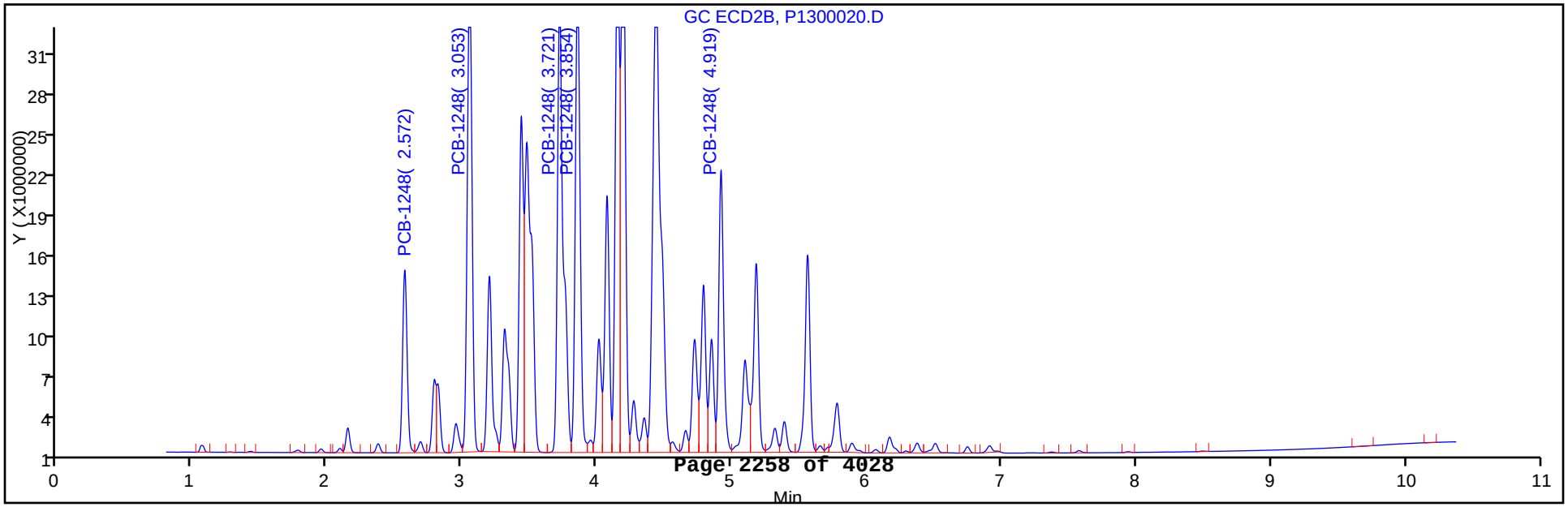
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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			

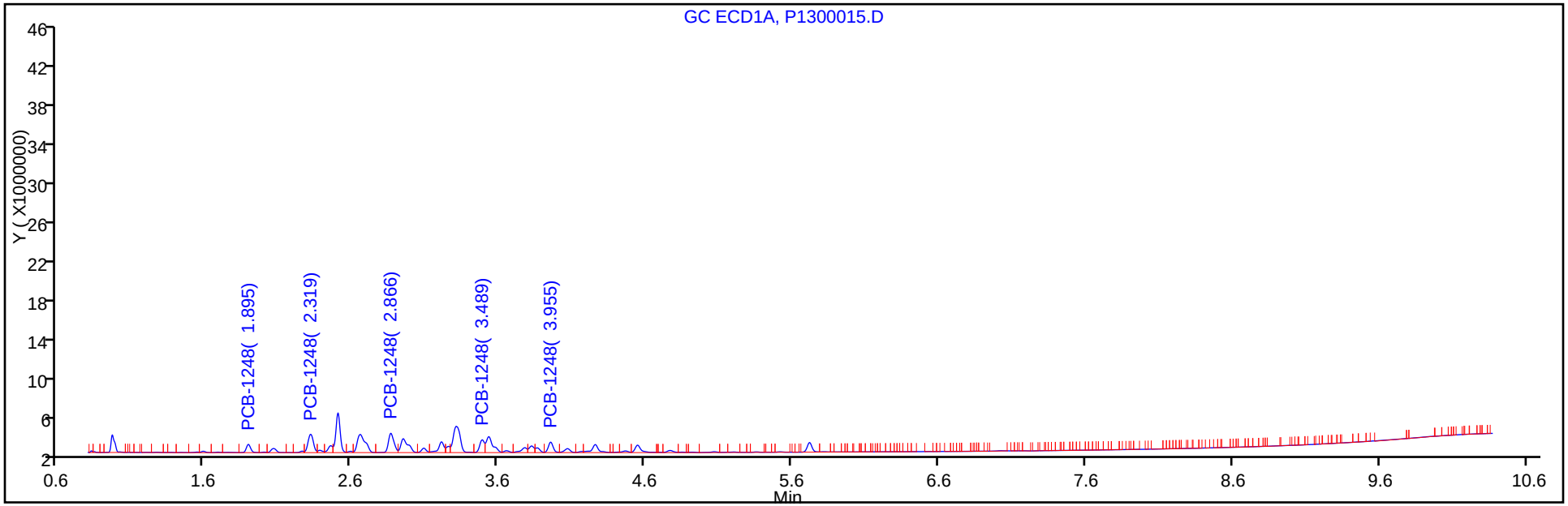
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

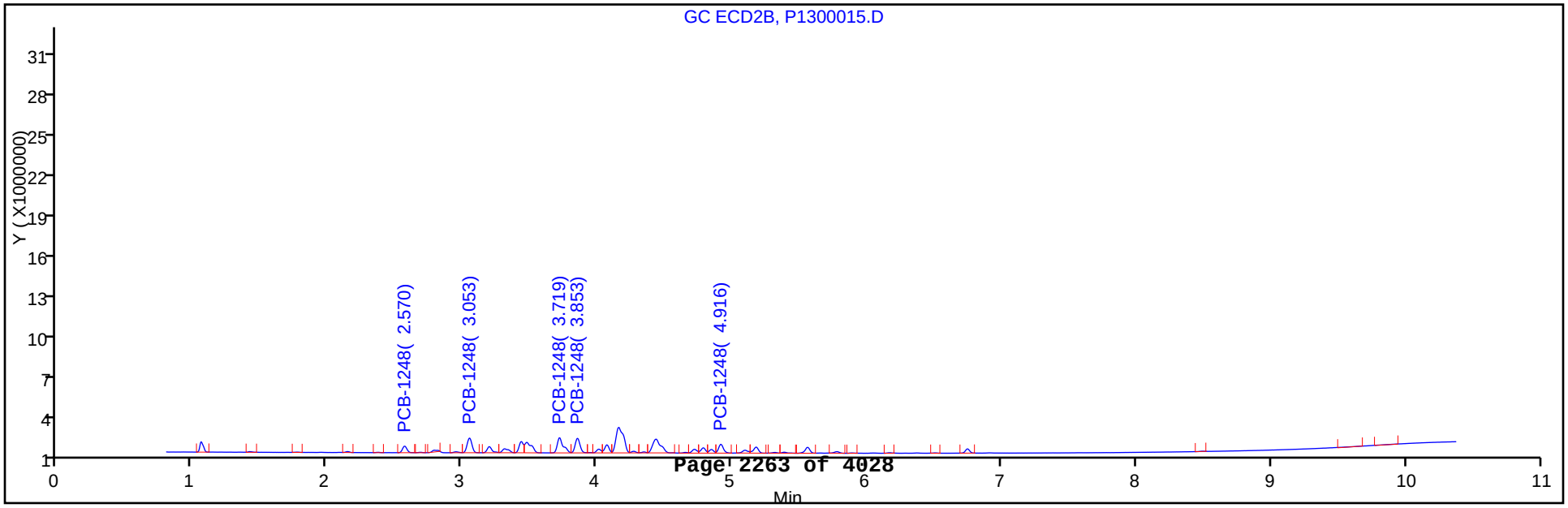
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

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			

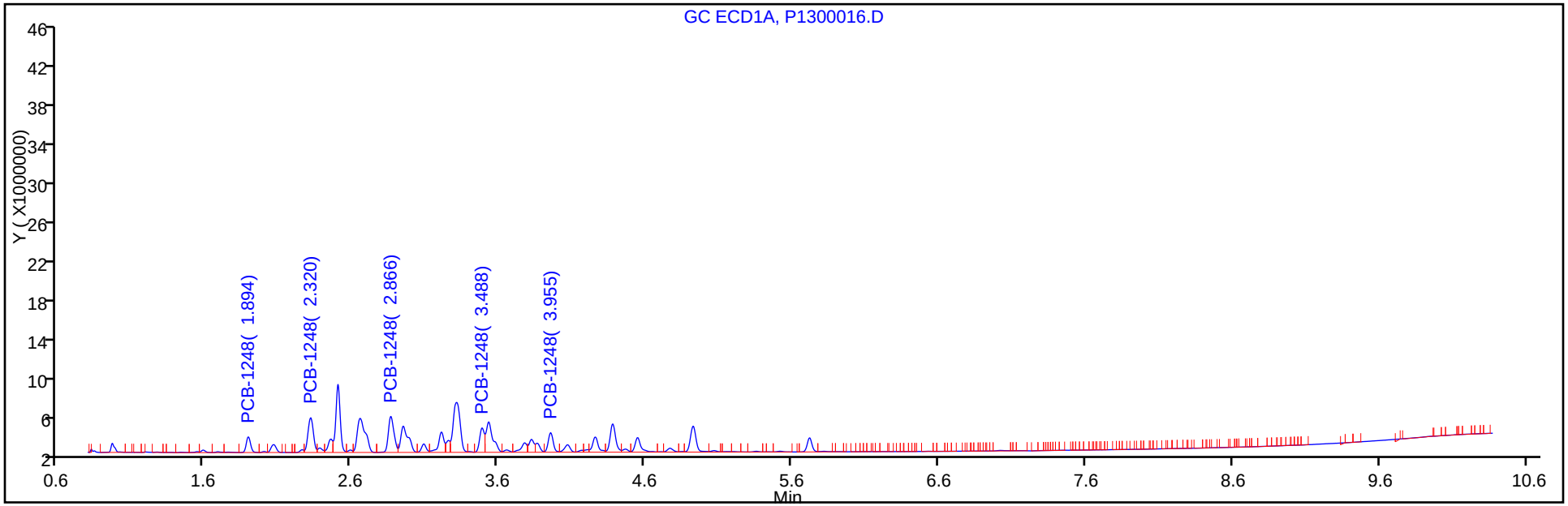
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

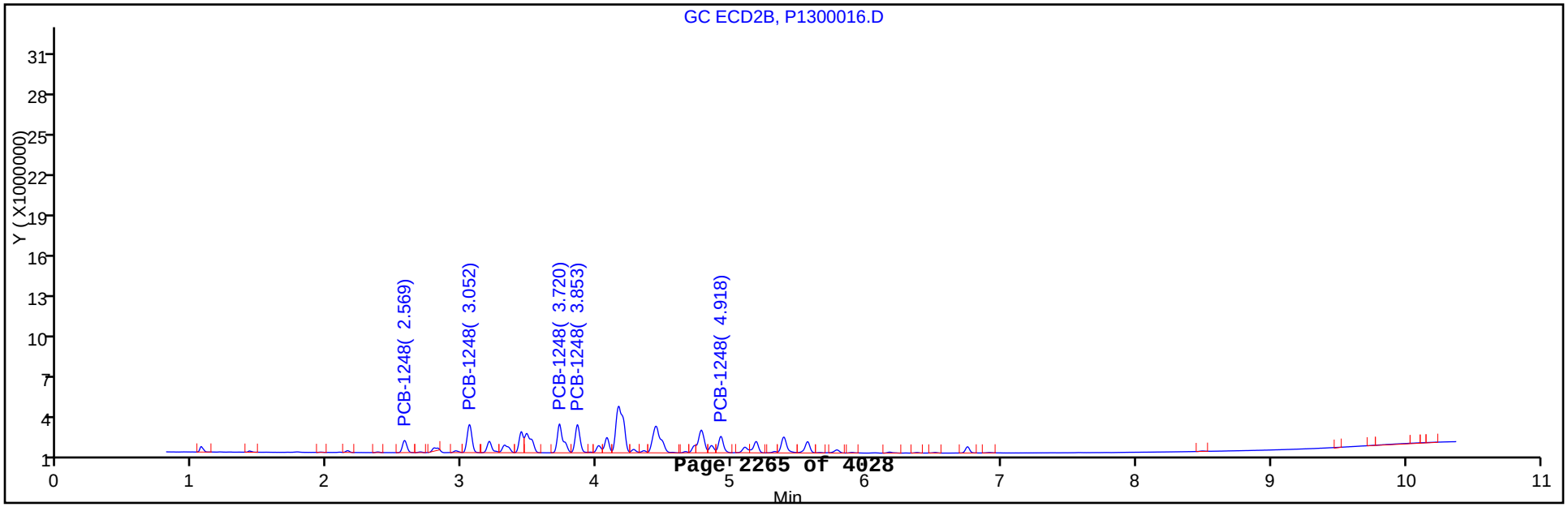
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

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			

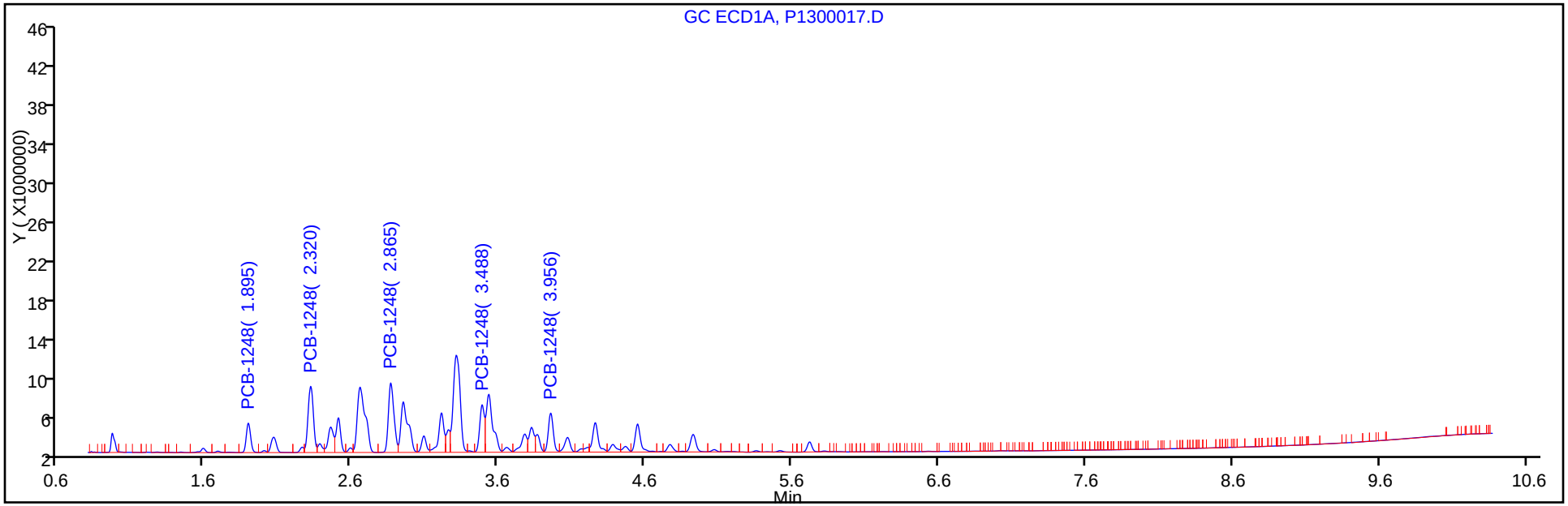
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

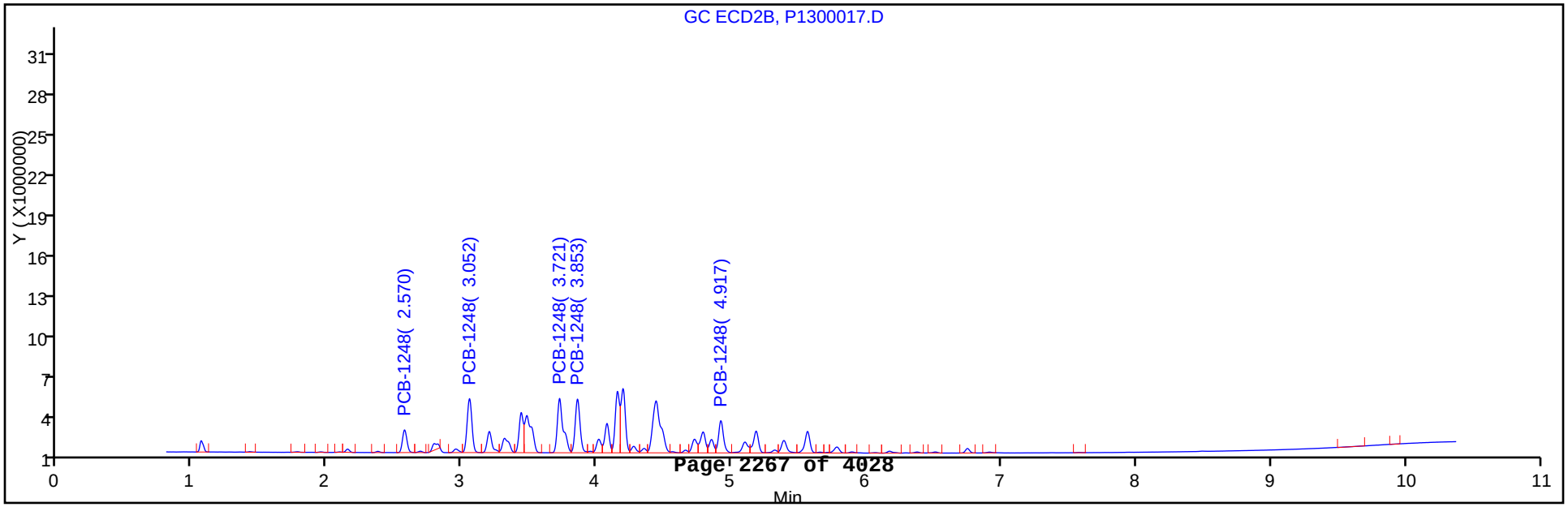
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

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			

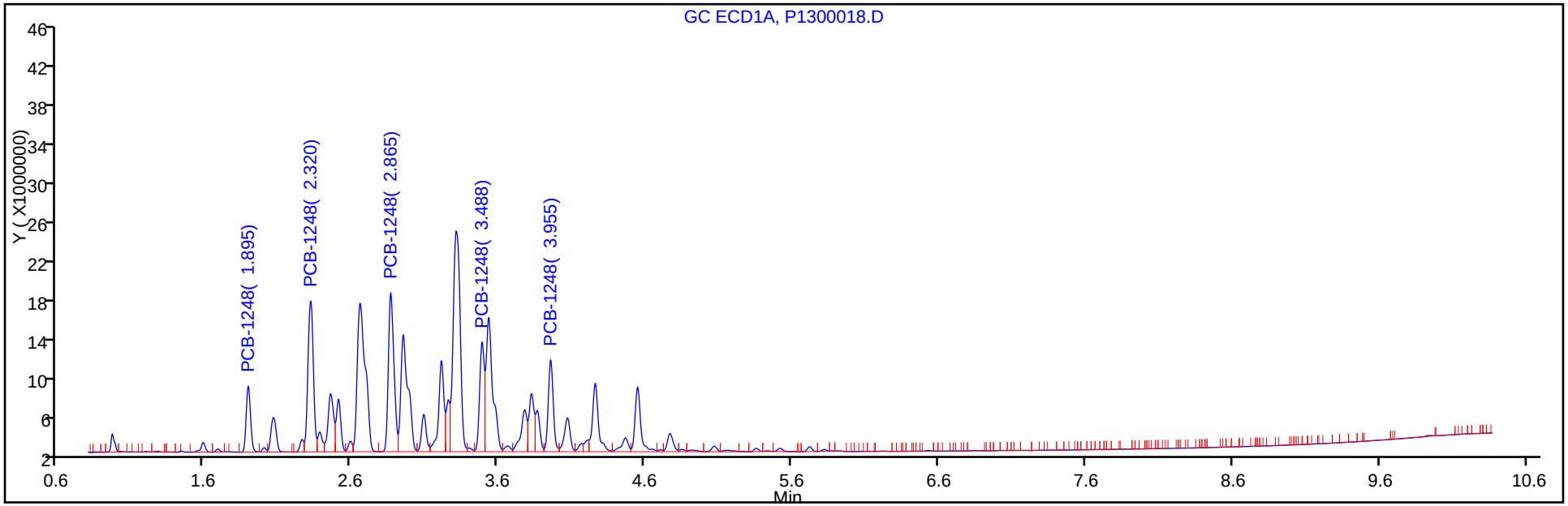
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

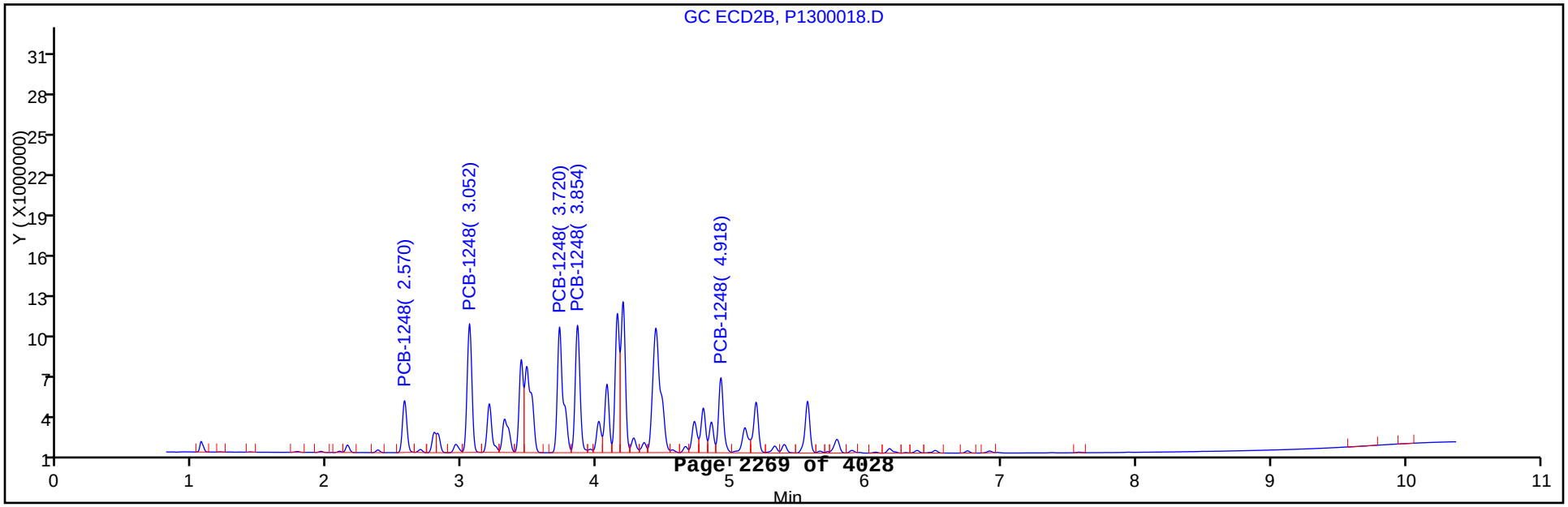
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

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			

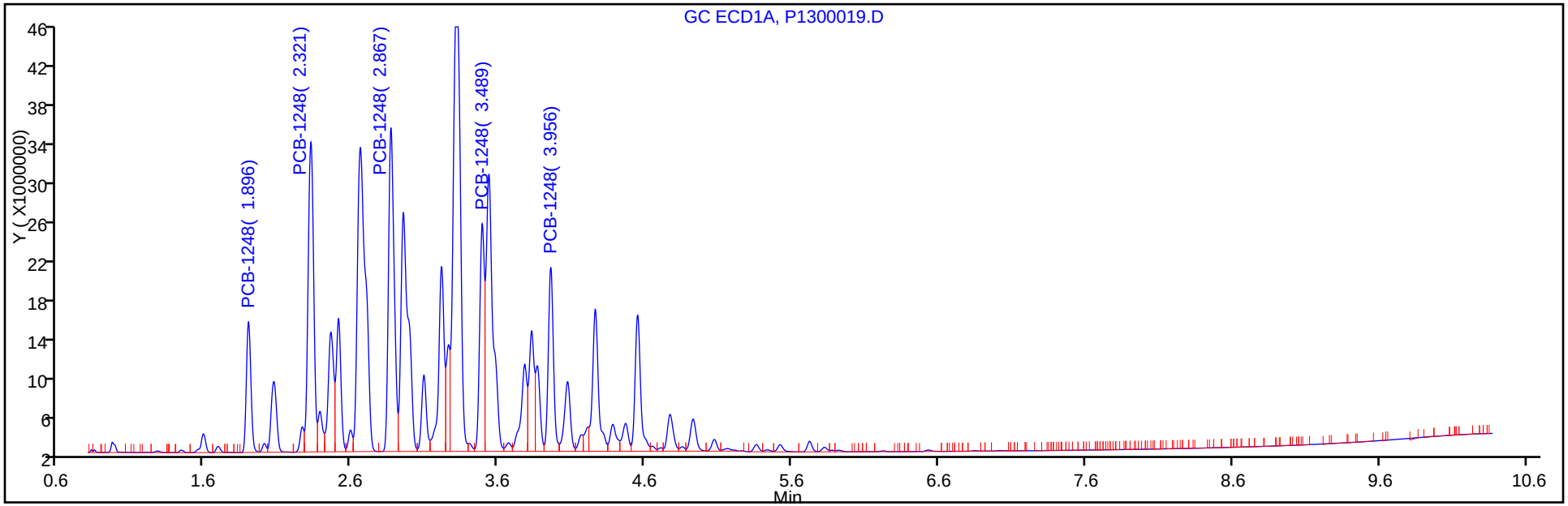
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

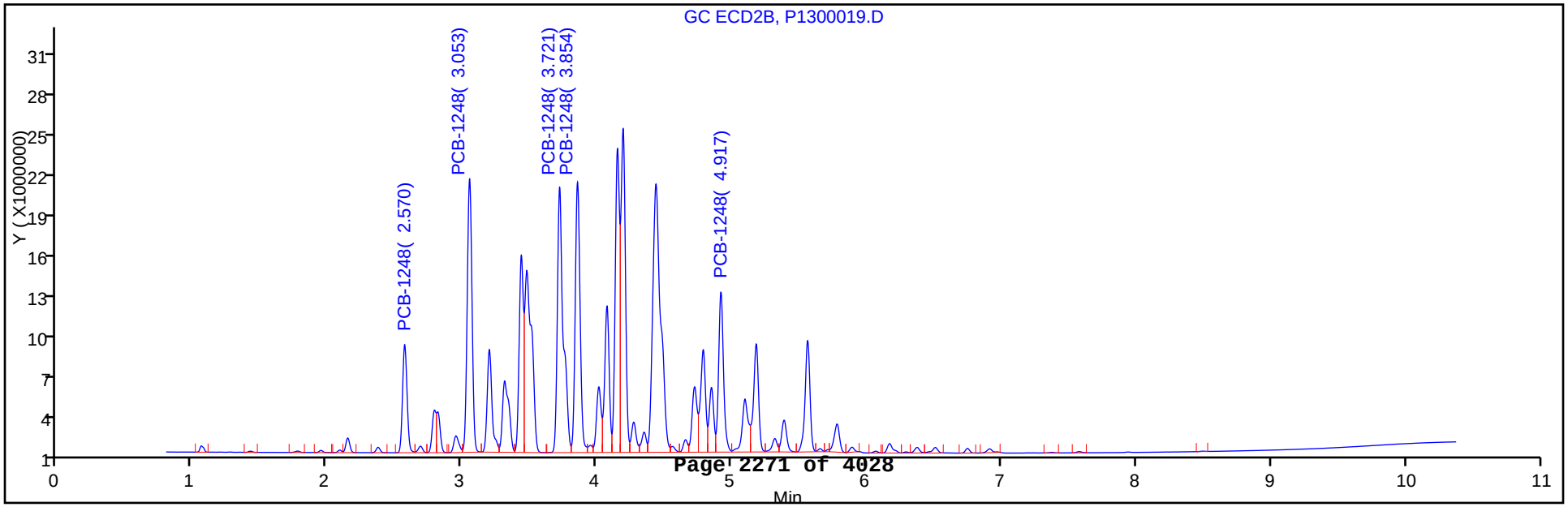
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

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			

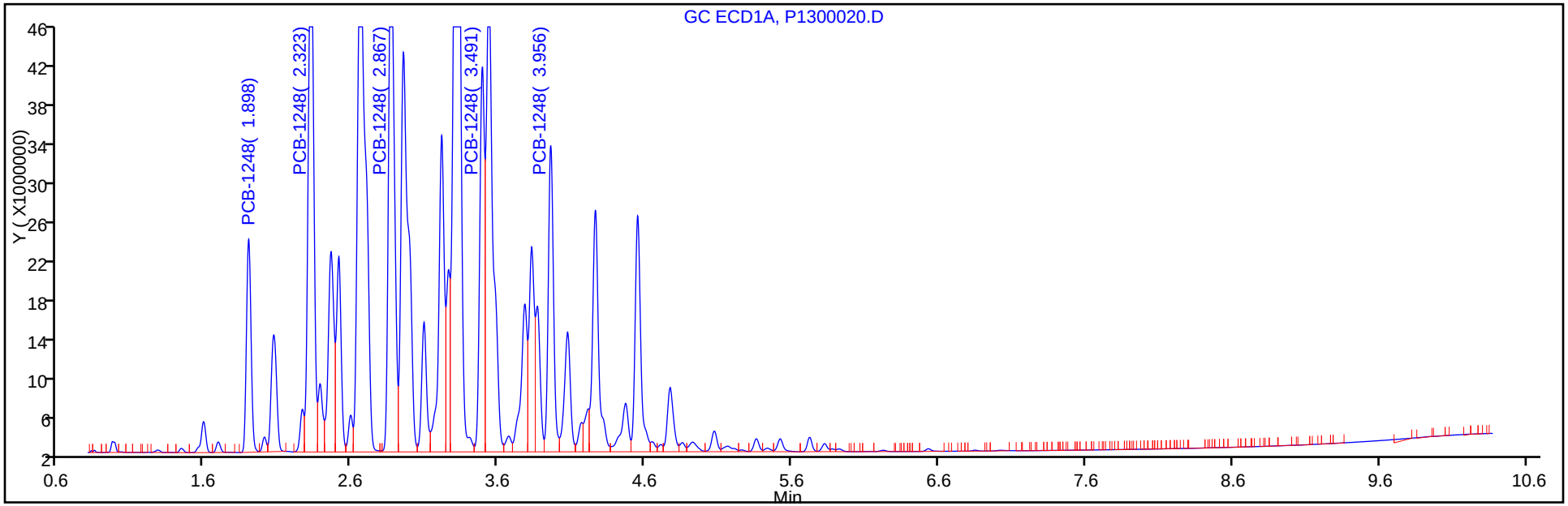
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

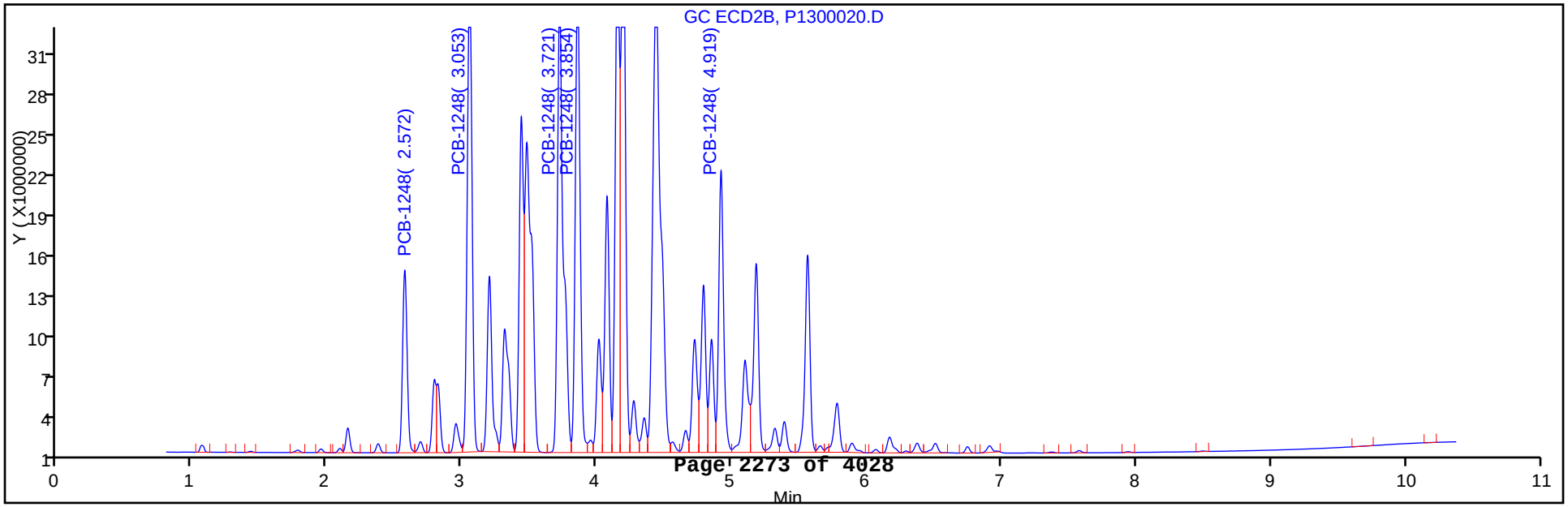
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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

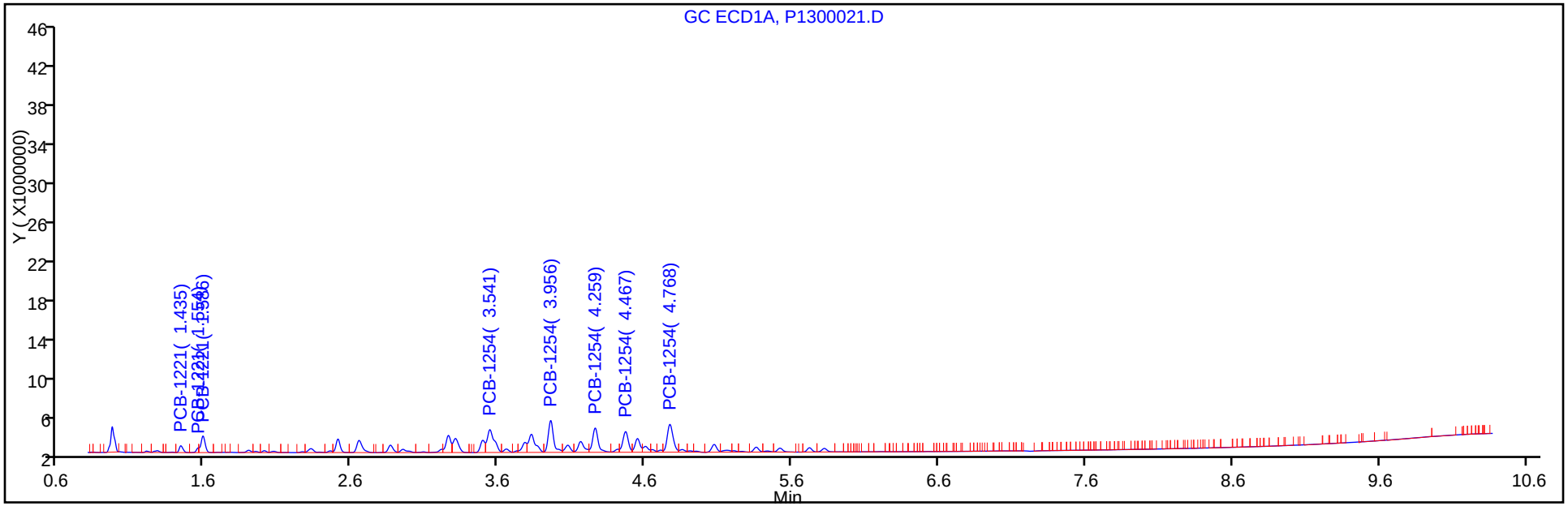
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

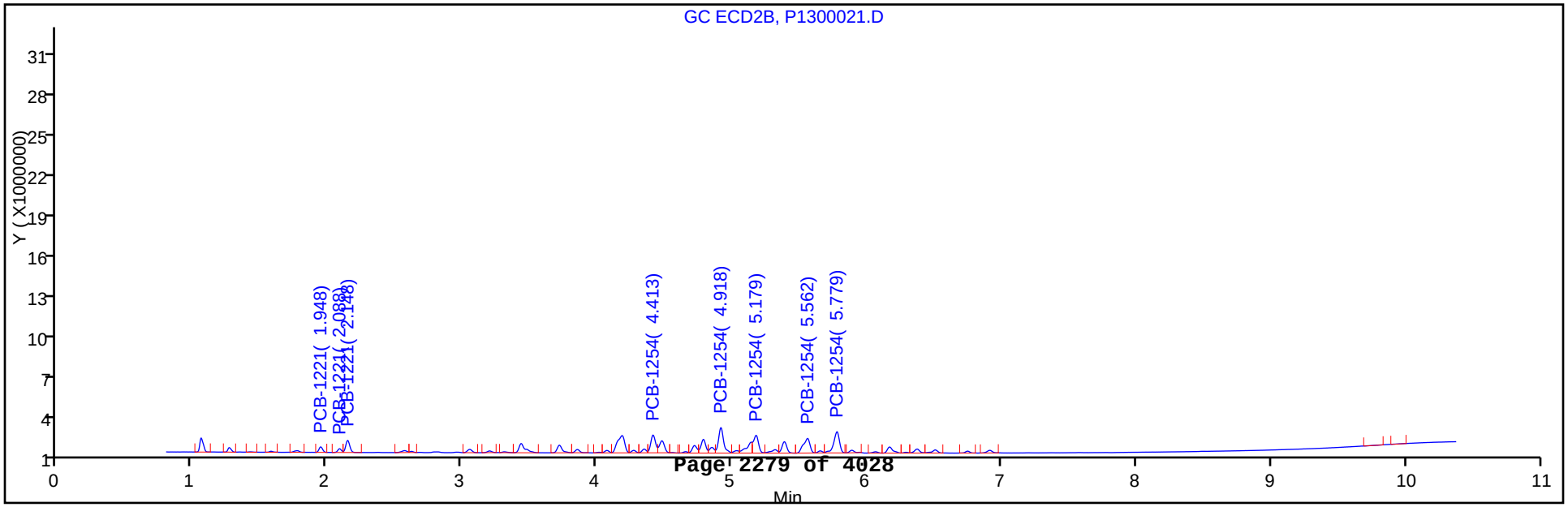
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



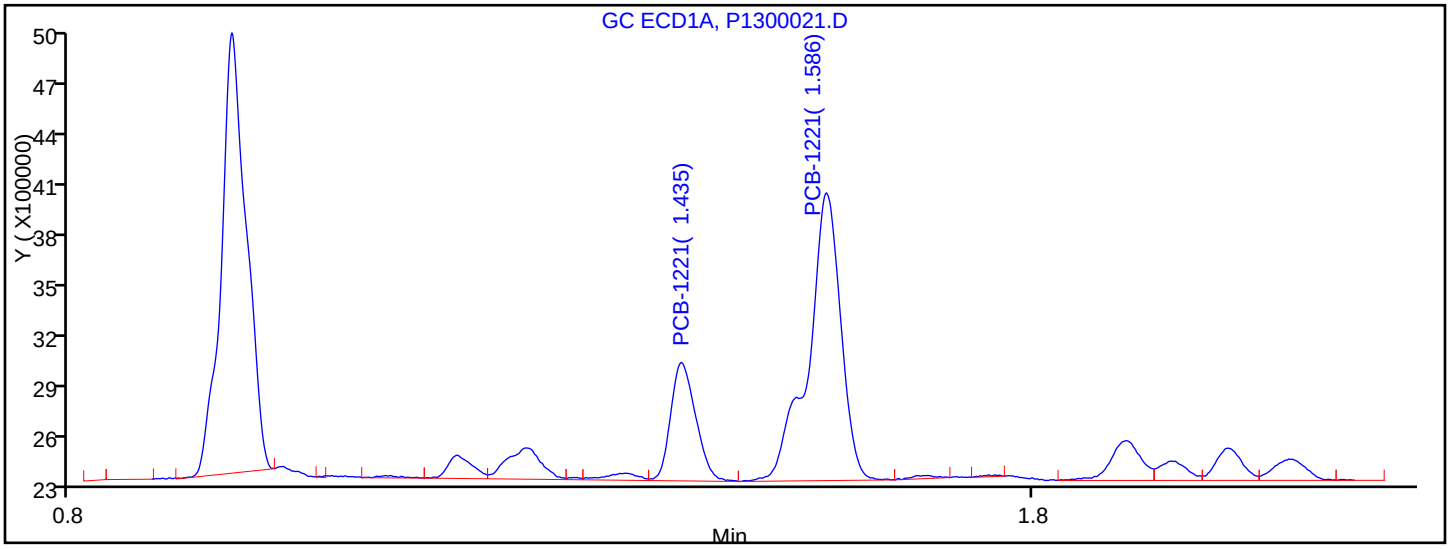
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

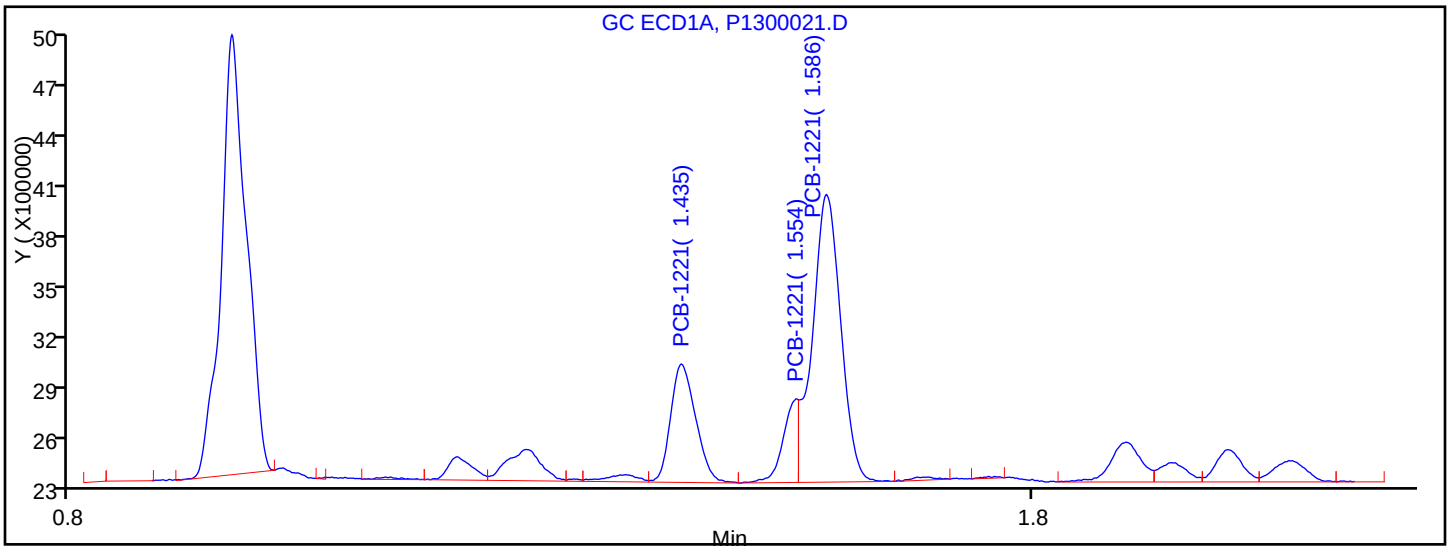
Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

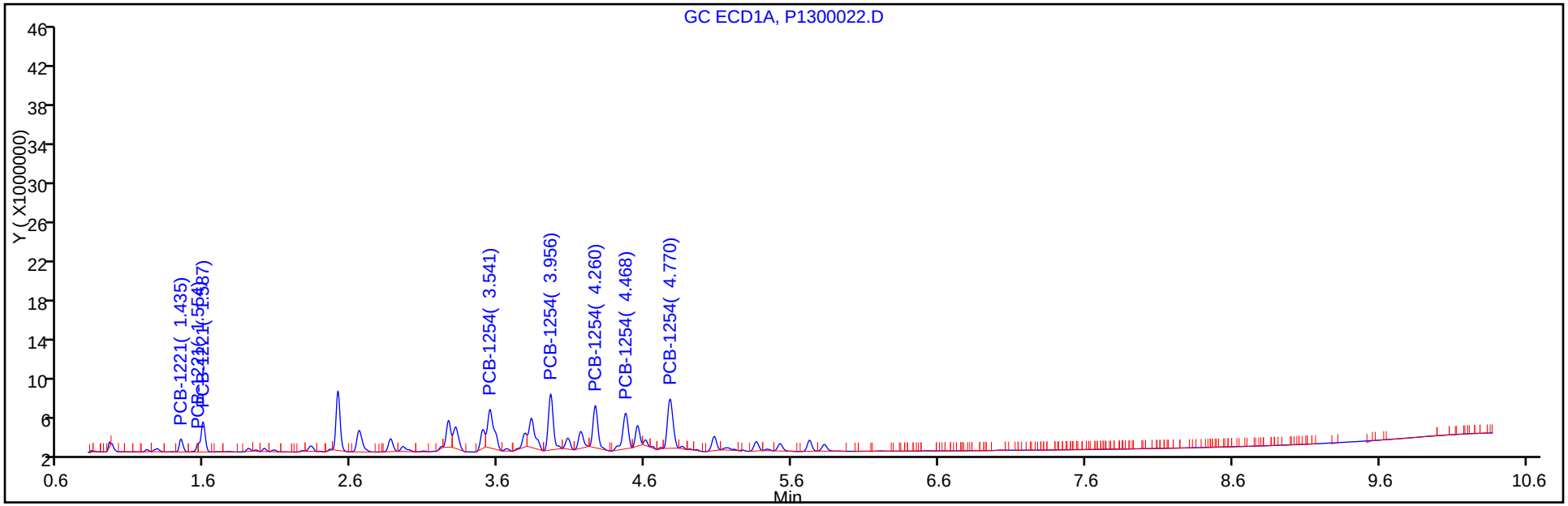
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

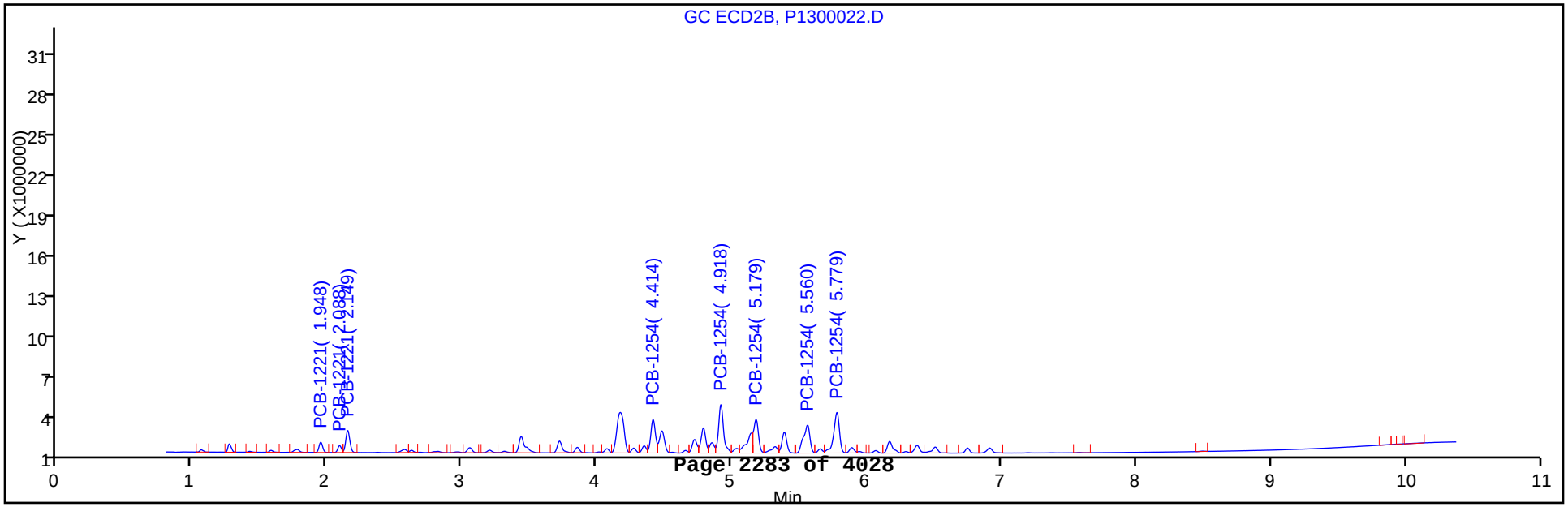
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

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



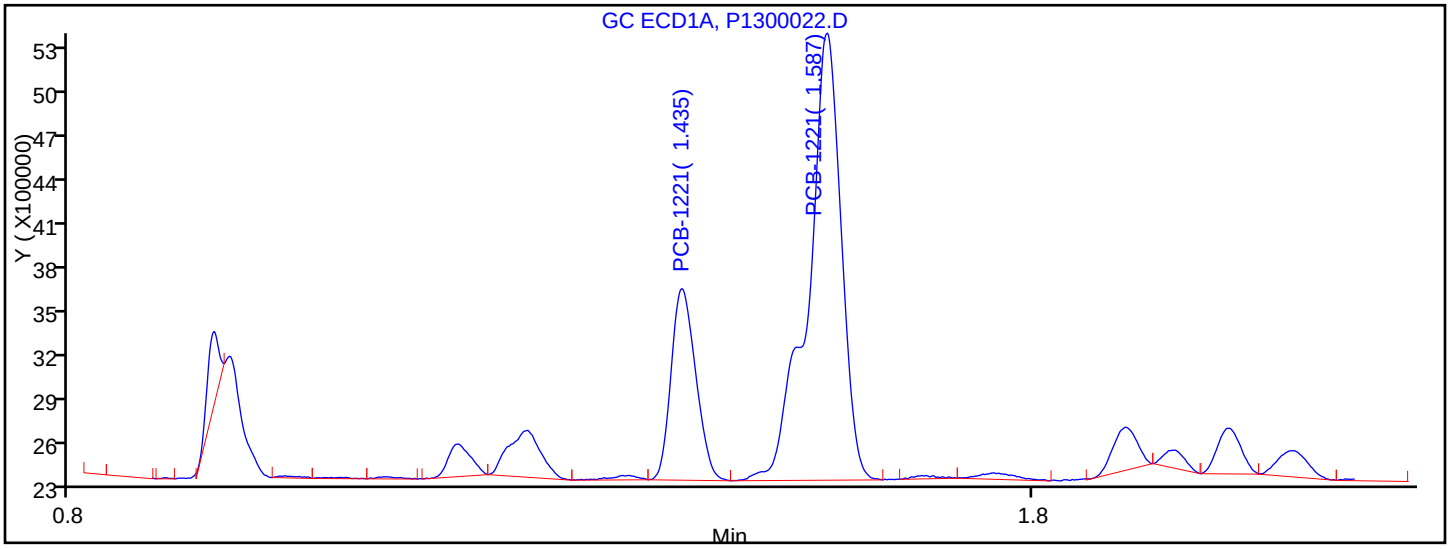
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

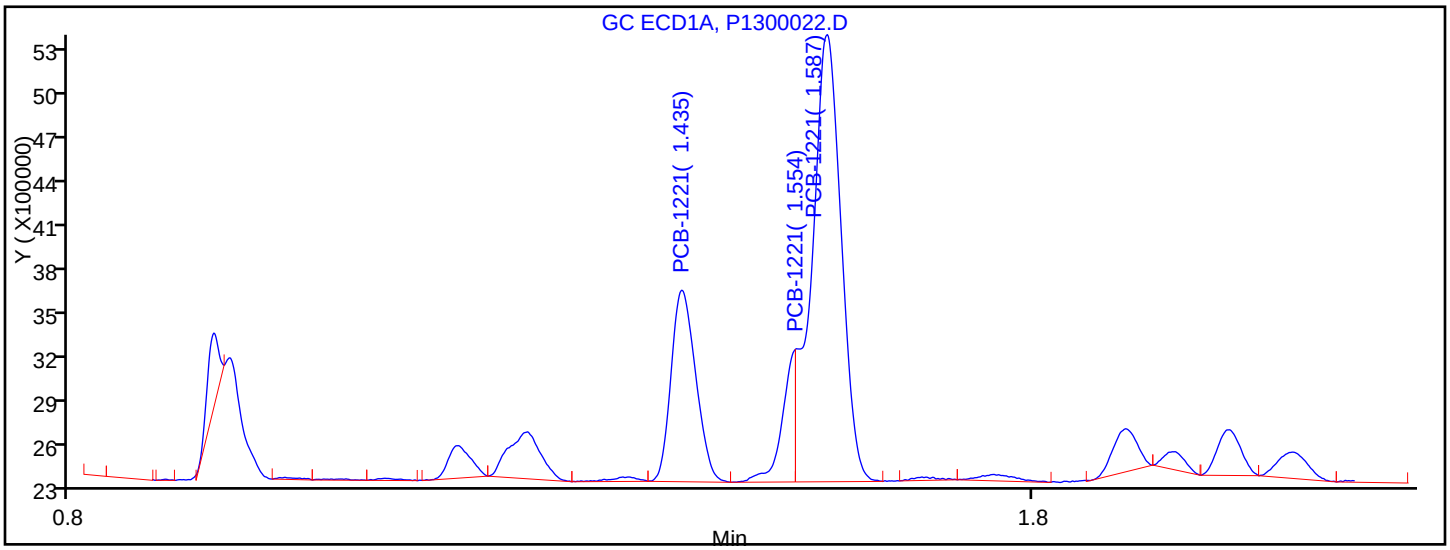
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

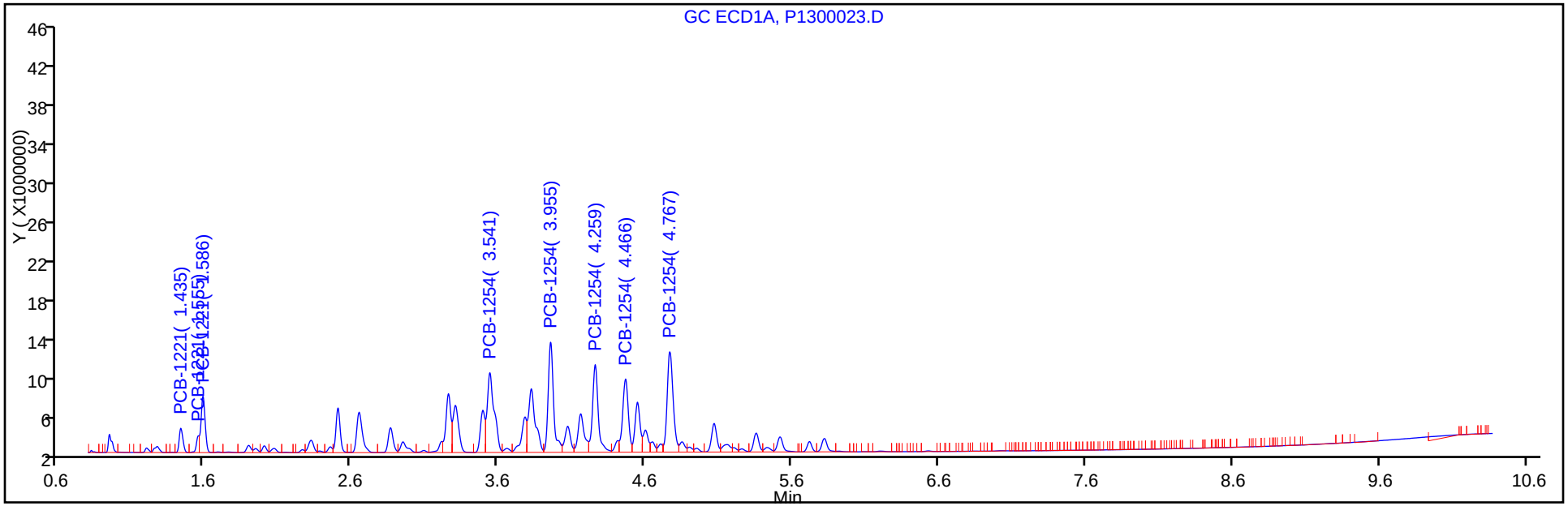
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

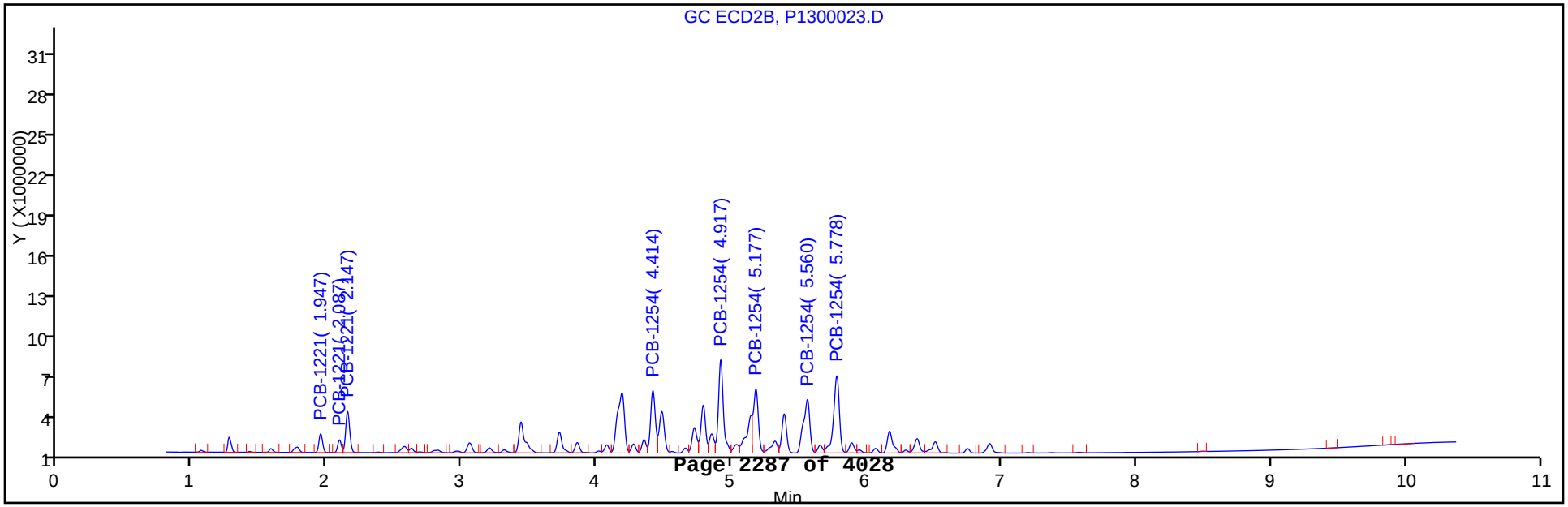
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

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



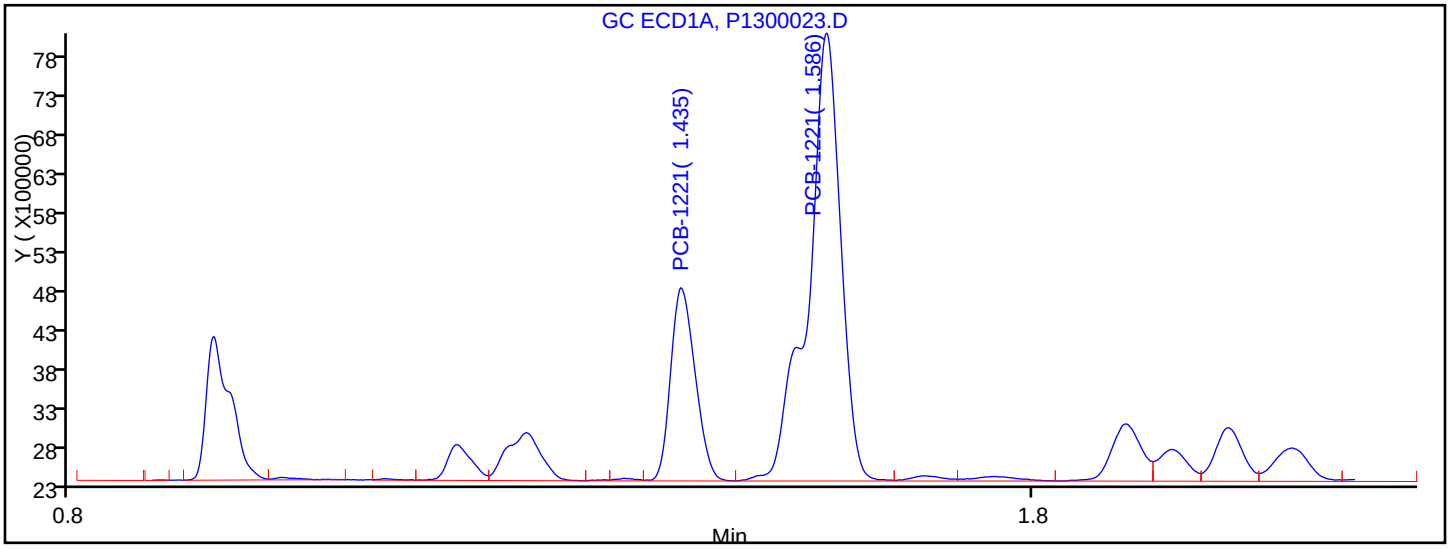
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

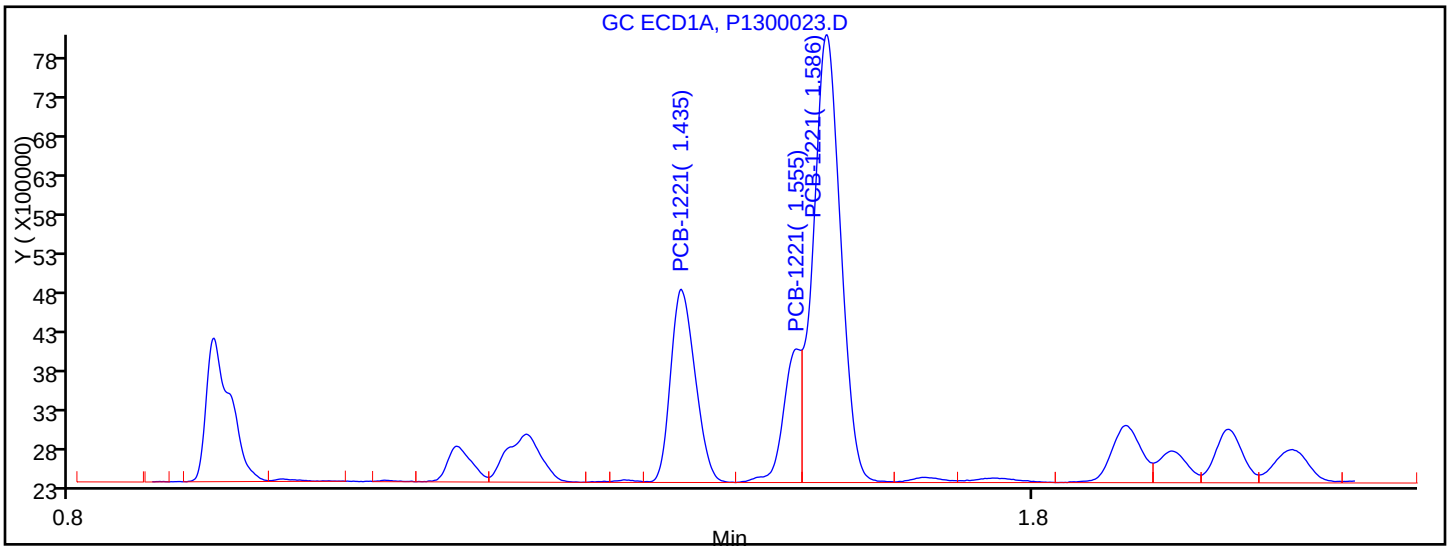
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

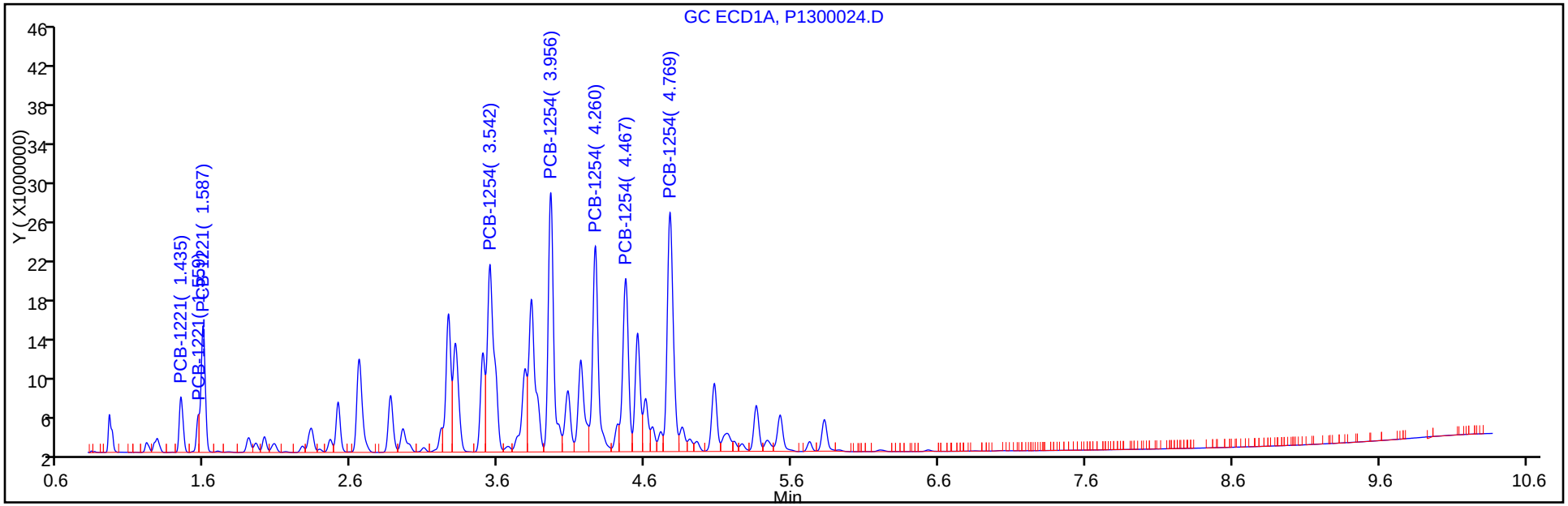
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

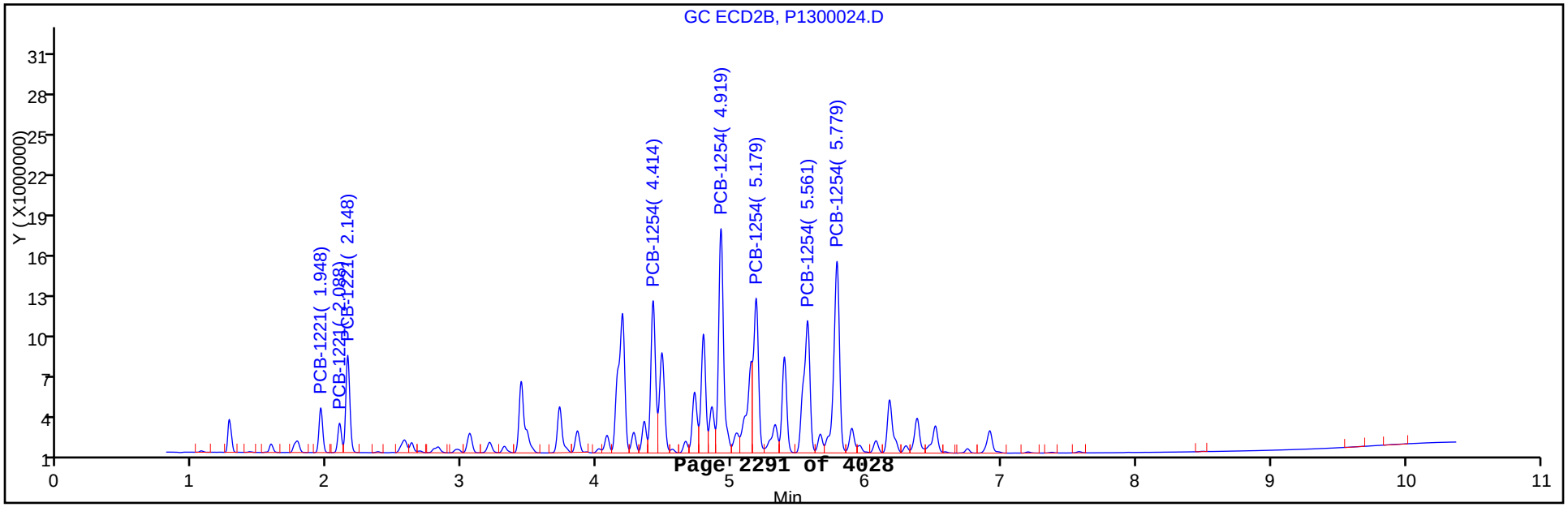
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

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



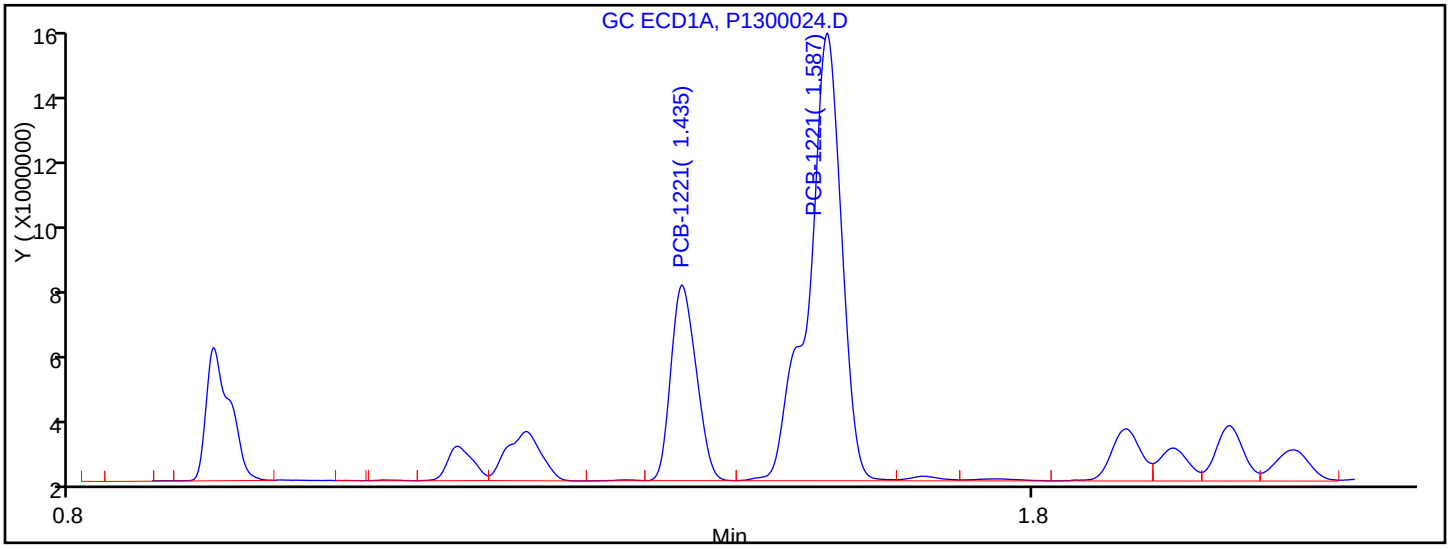
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

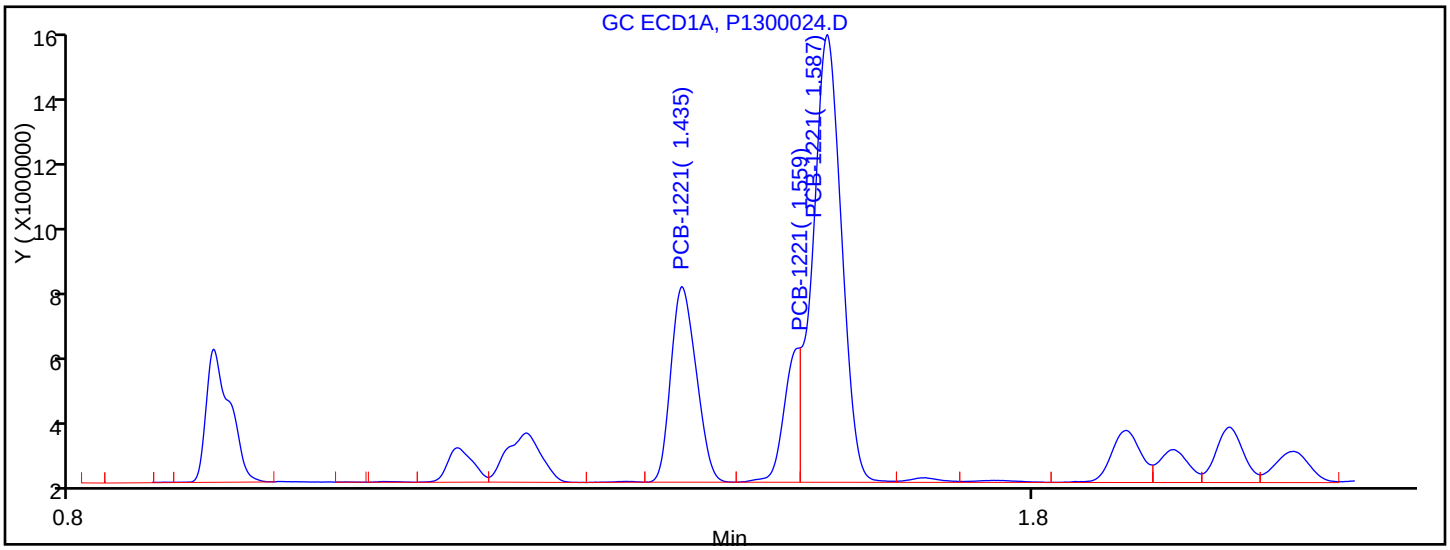
Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

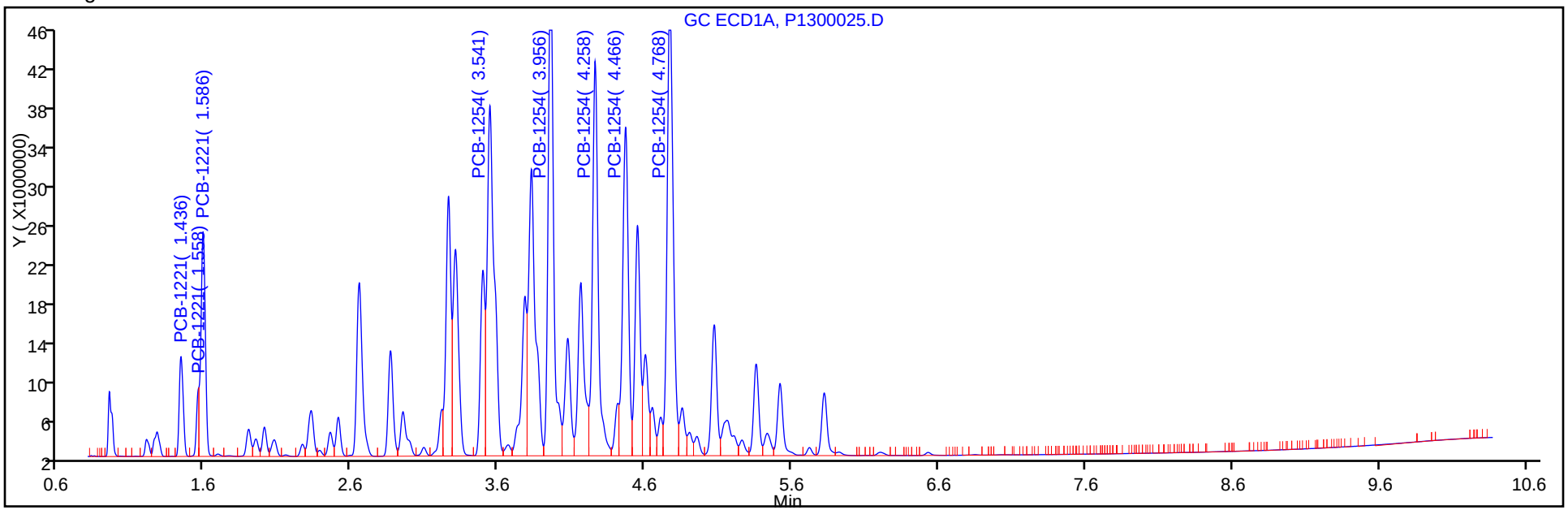
Report Date: 22-Oct-2012 09:18:14 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

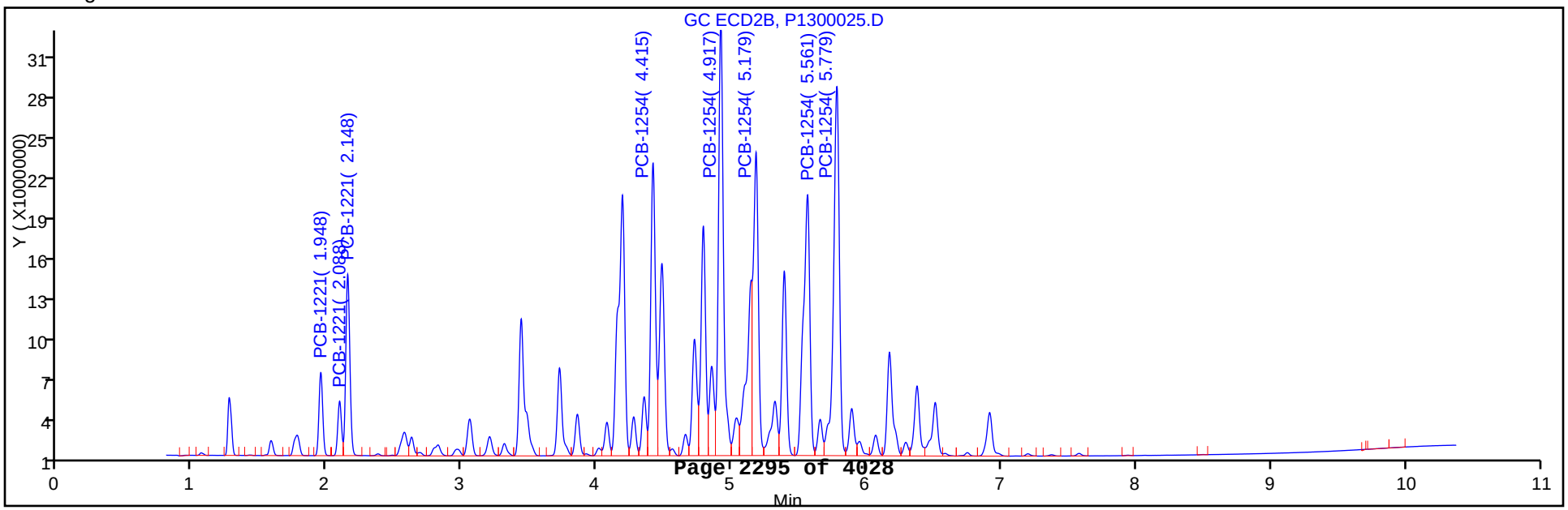
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

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



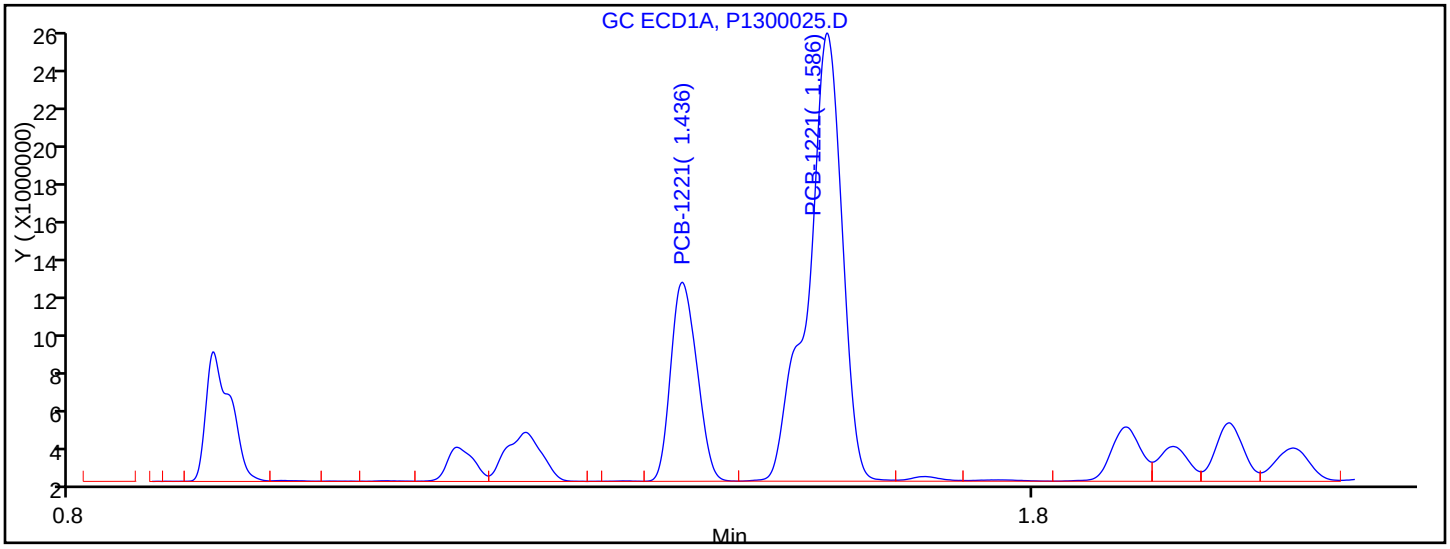
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

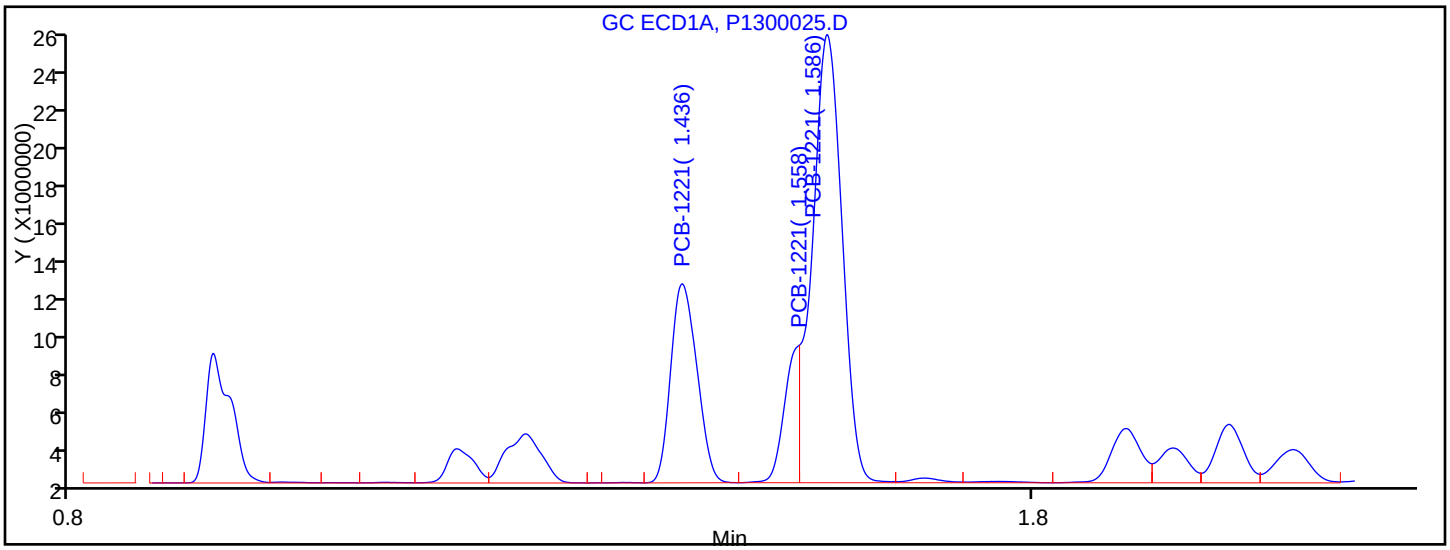
Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

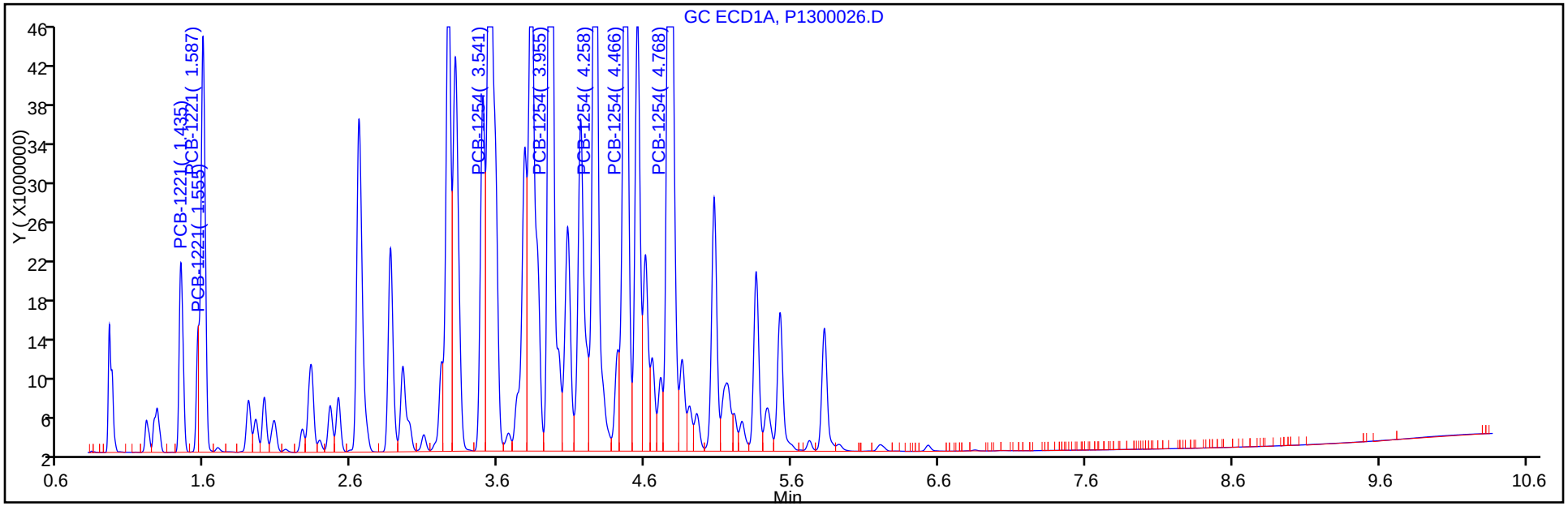
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

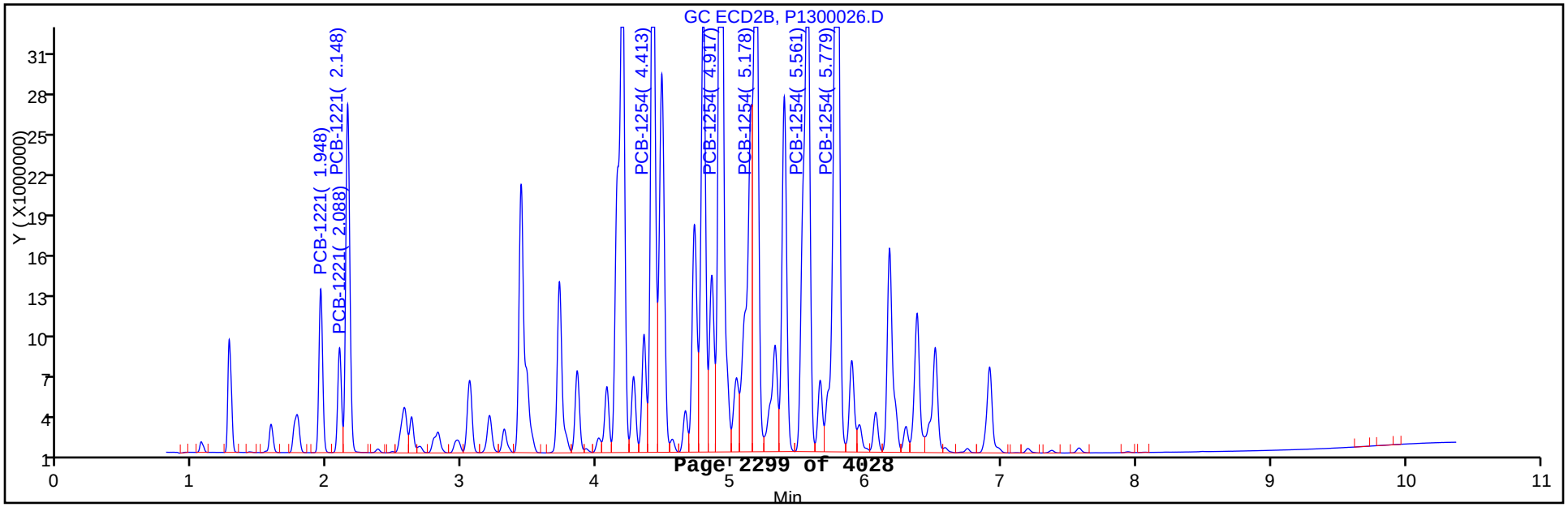
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

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



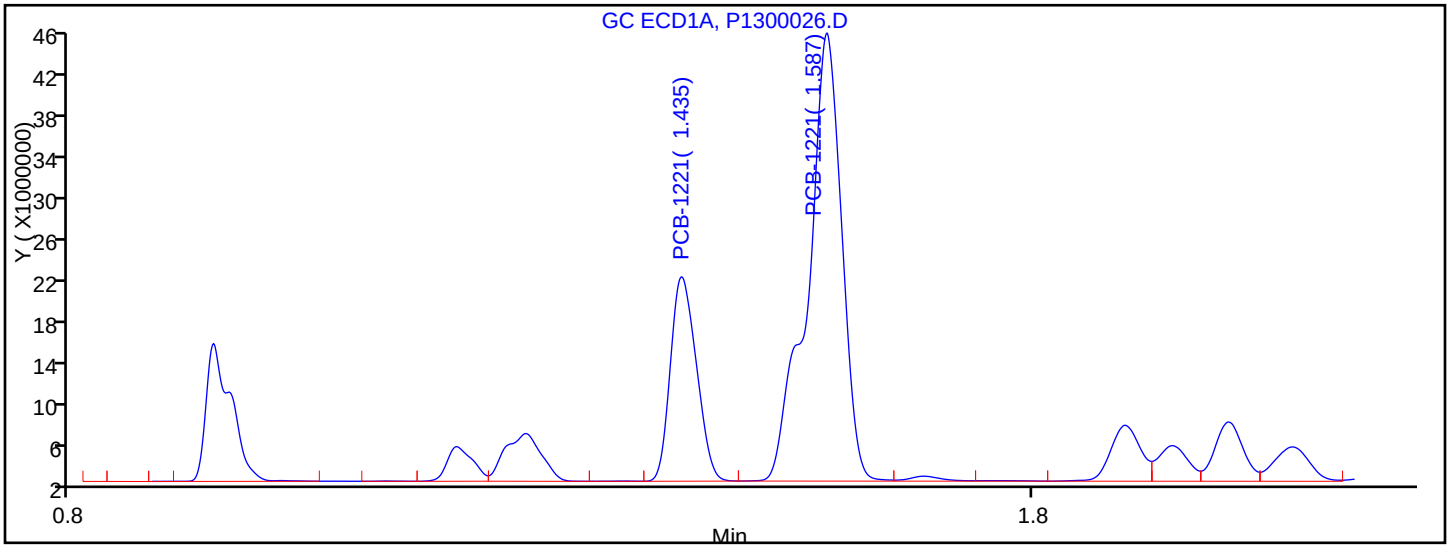
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

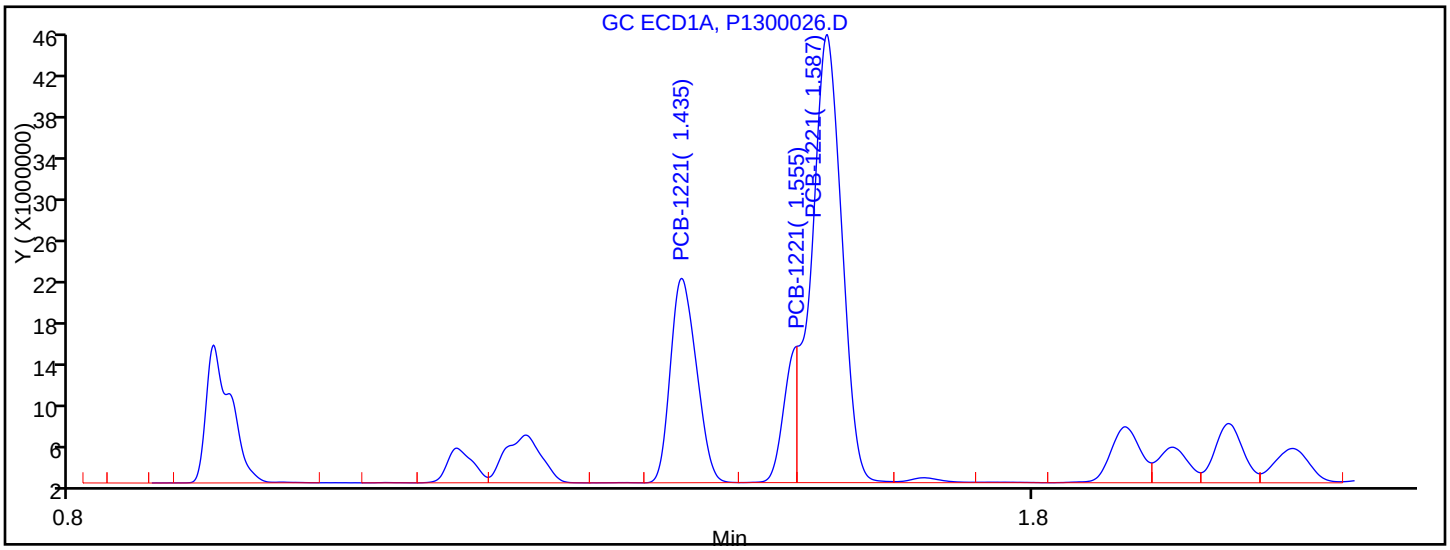
Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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

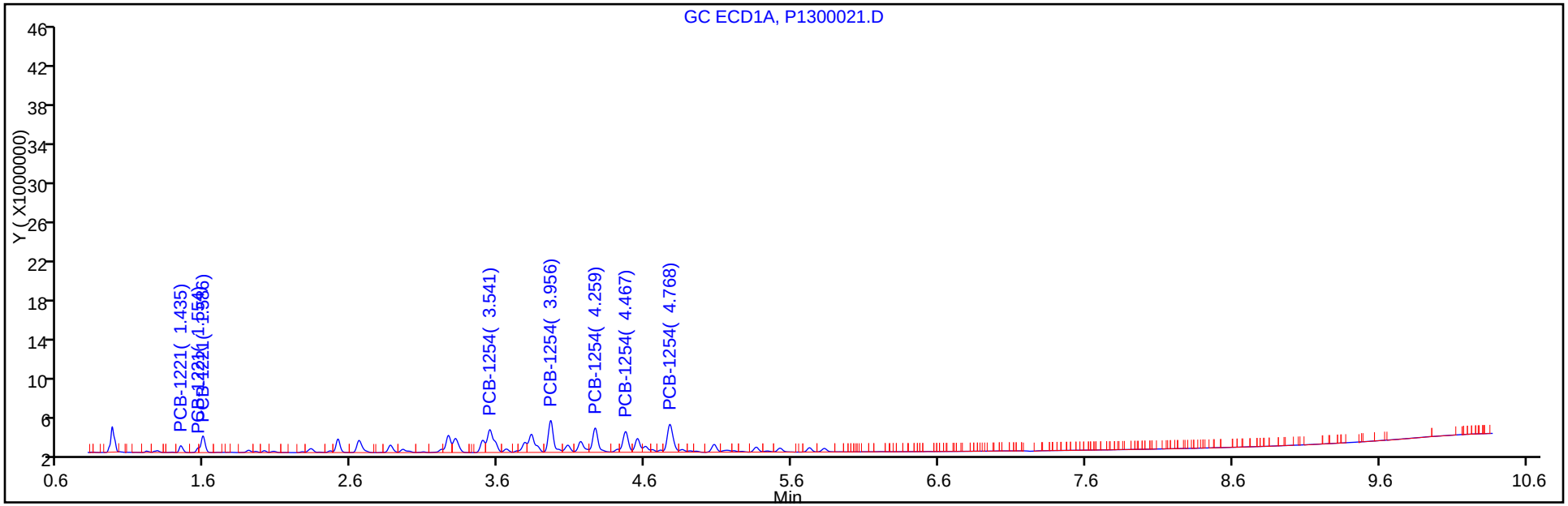
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

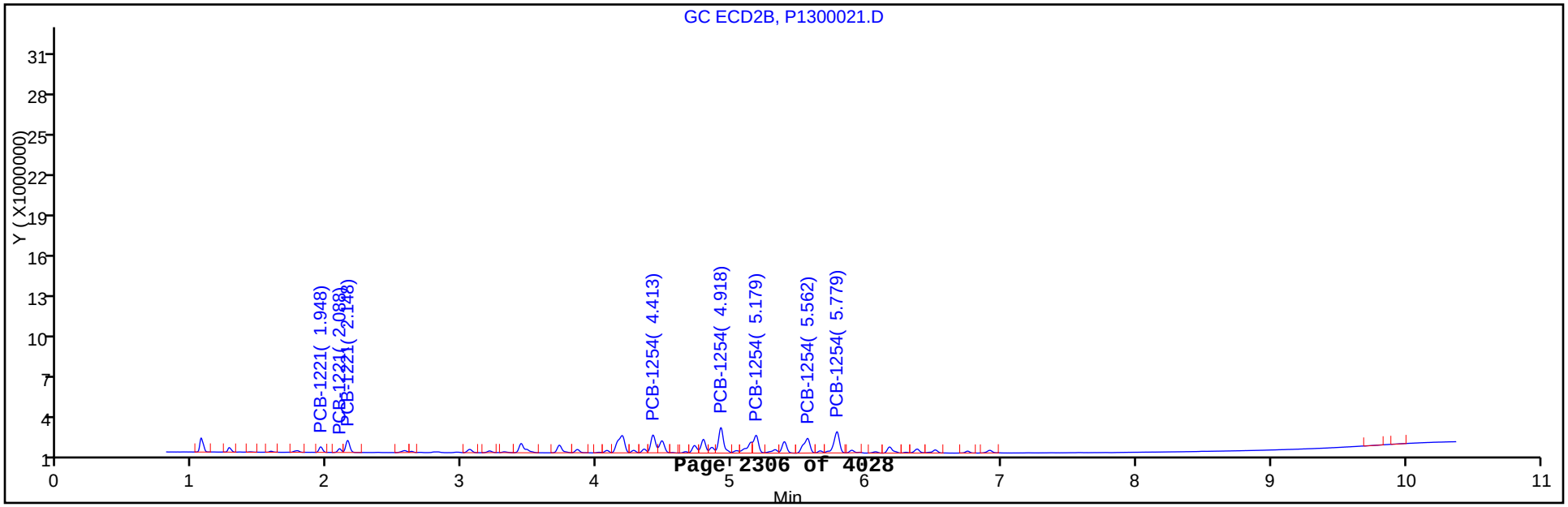
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

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:	

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

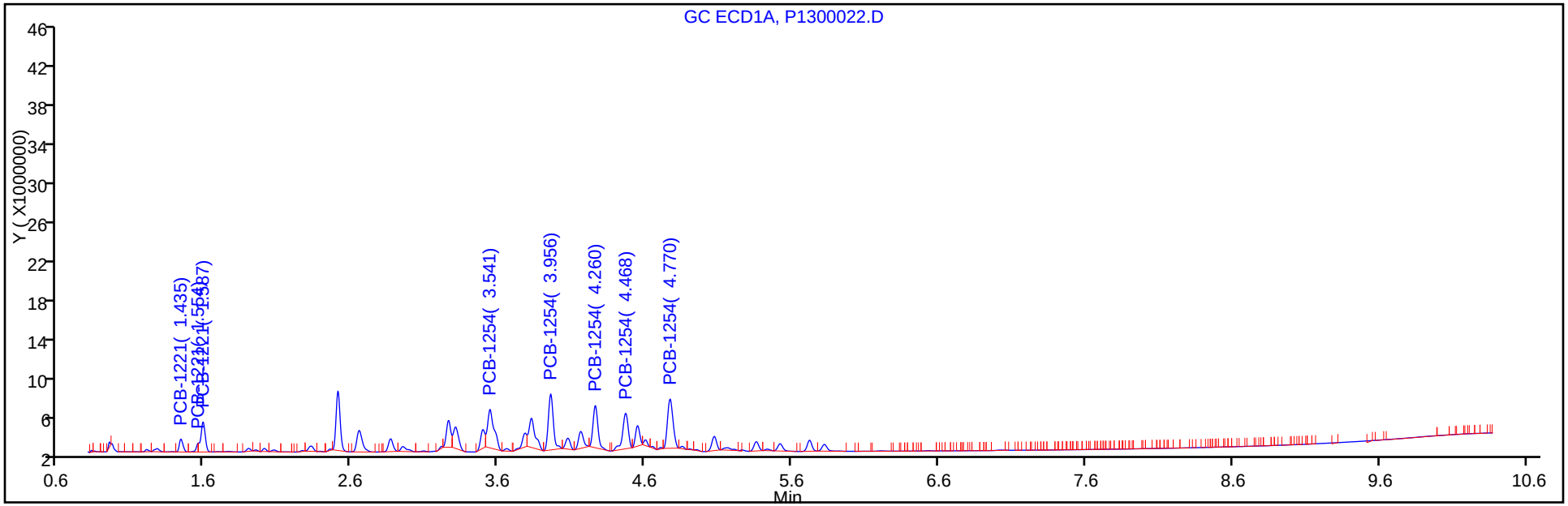
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

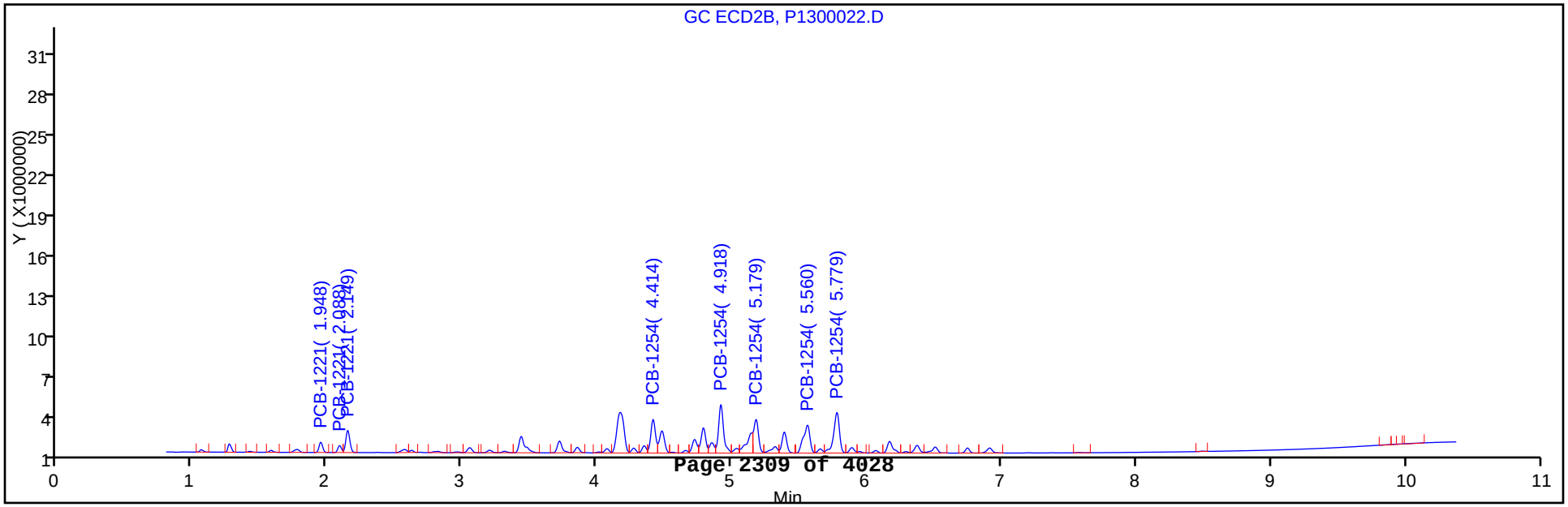
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

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



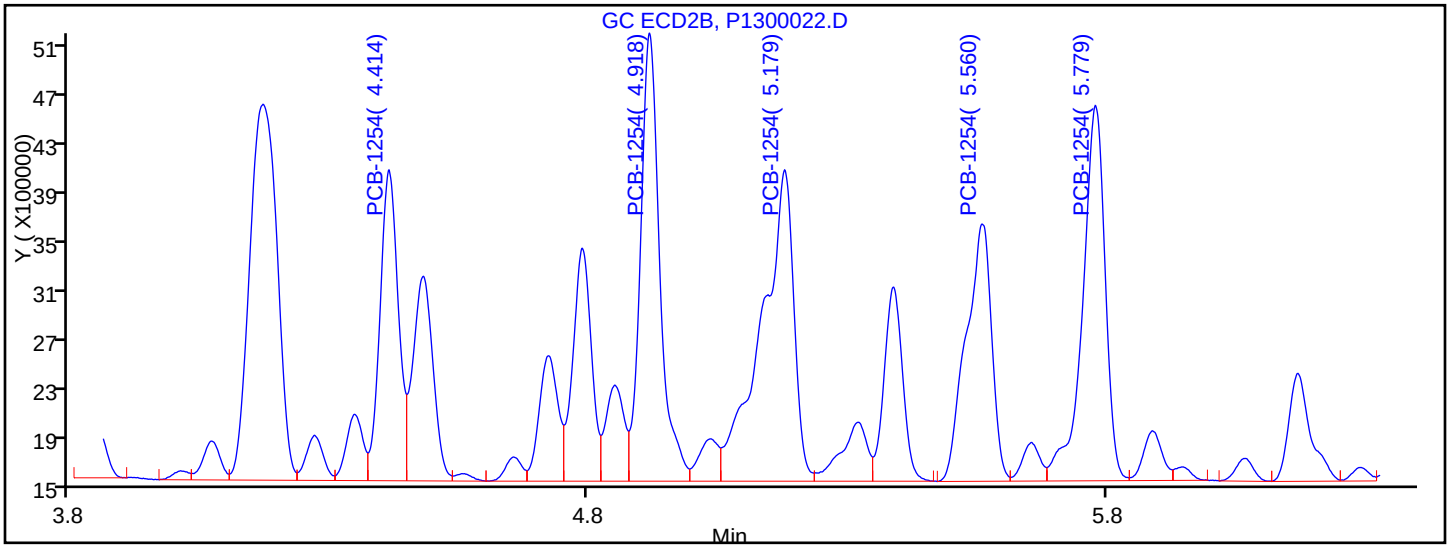
Report Date: 22-Oct-2012 09:18:20 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

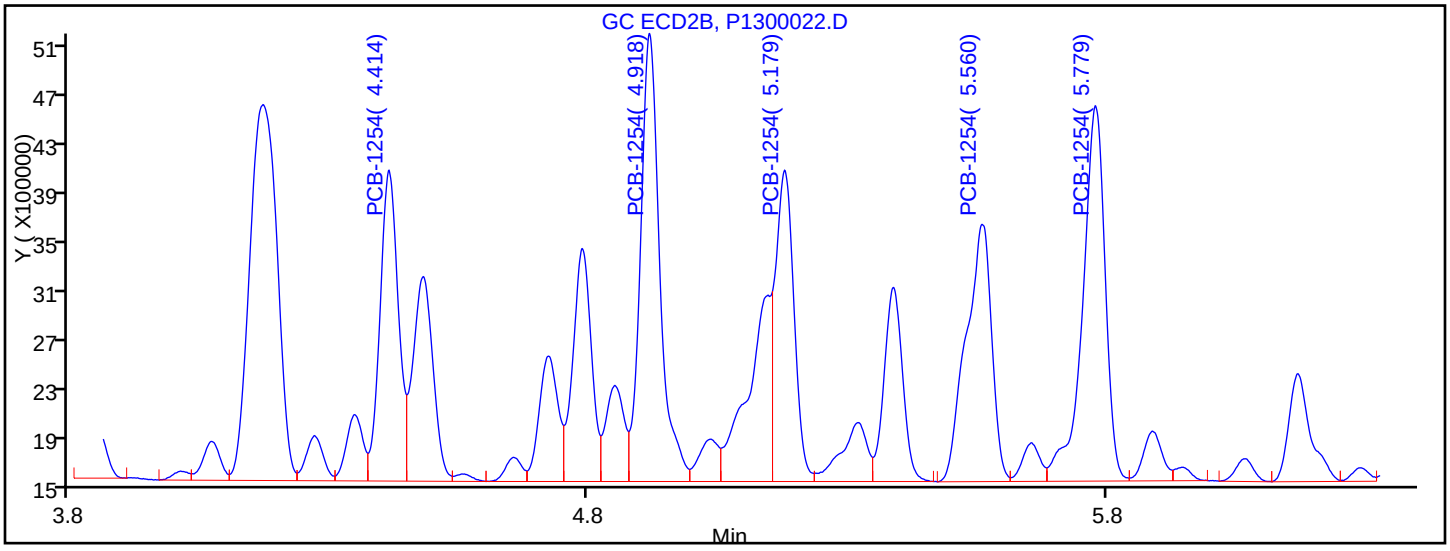
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

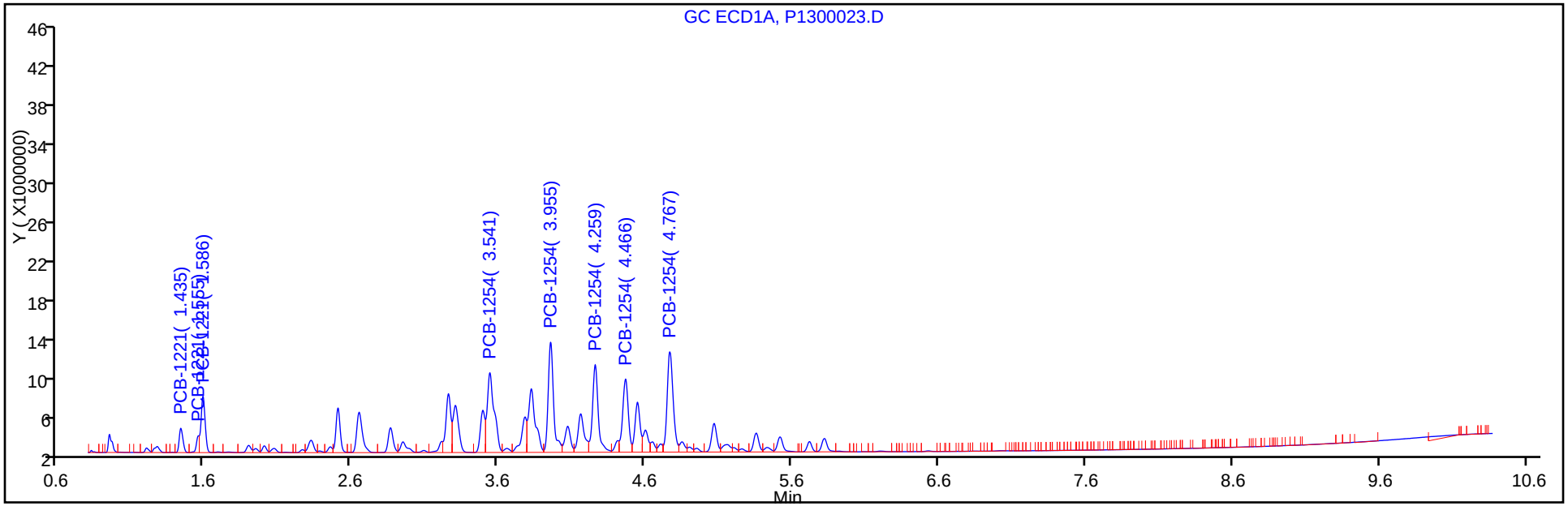
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

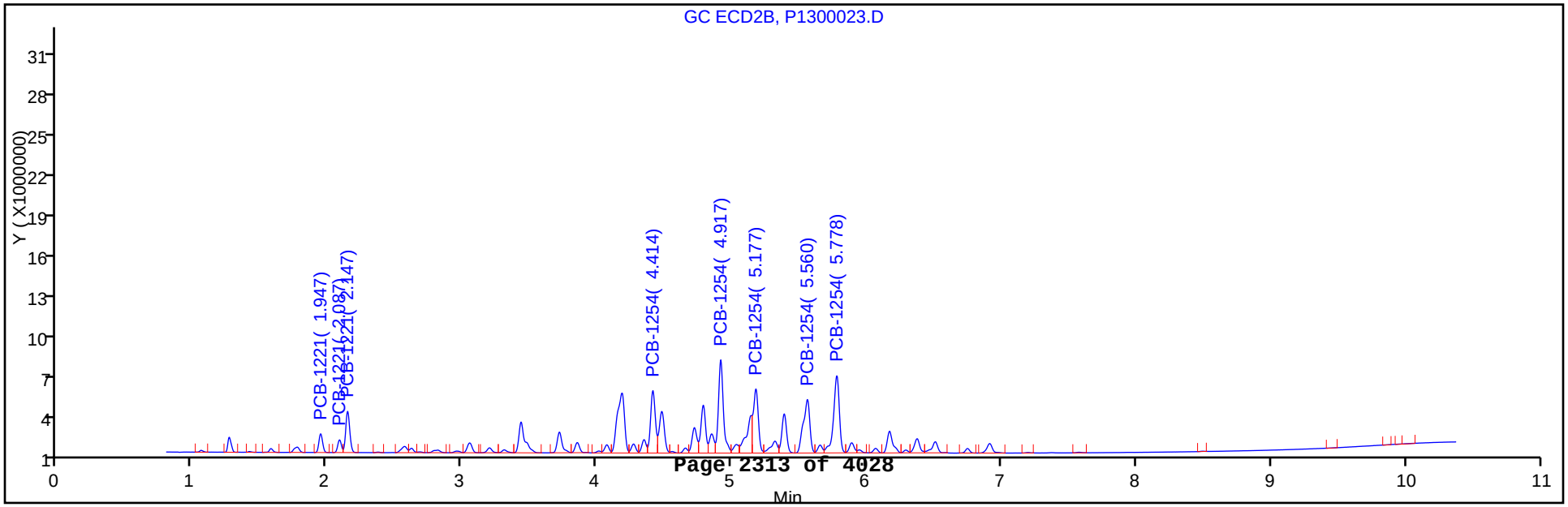
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

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



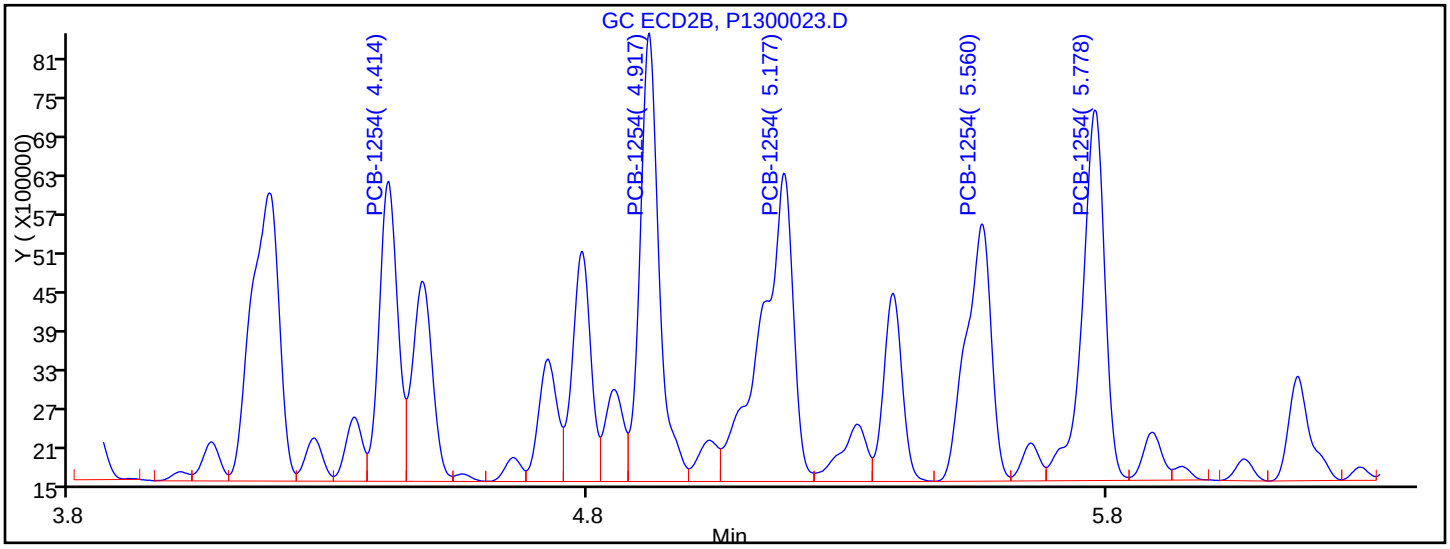
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

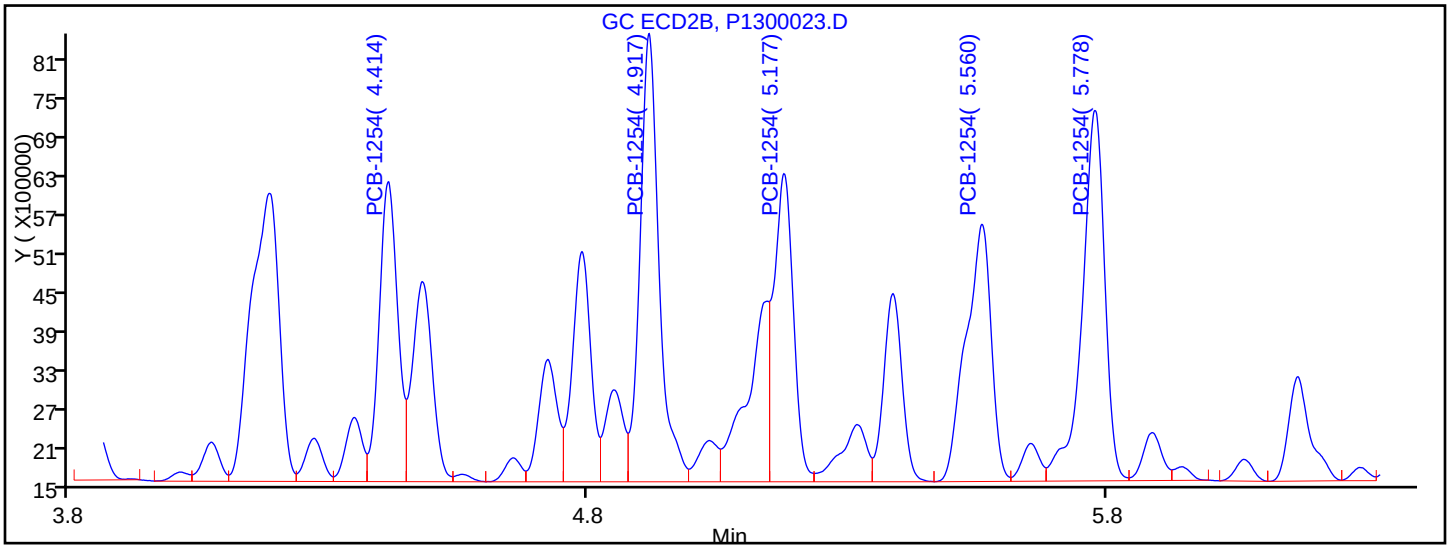
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

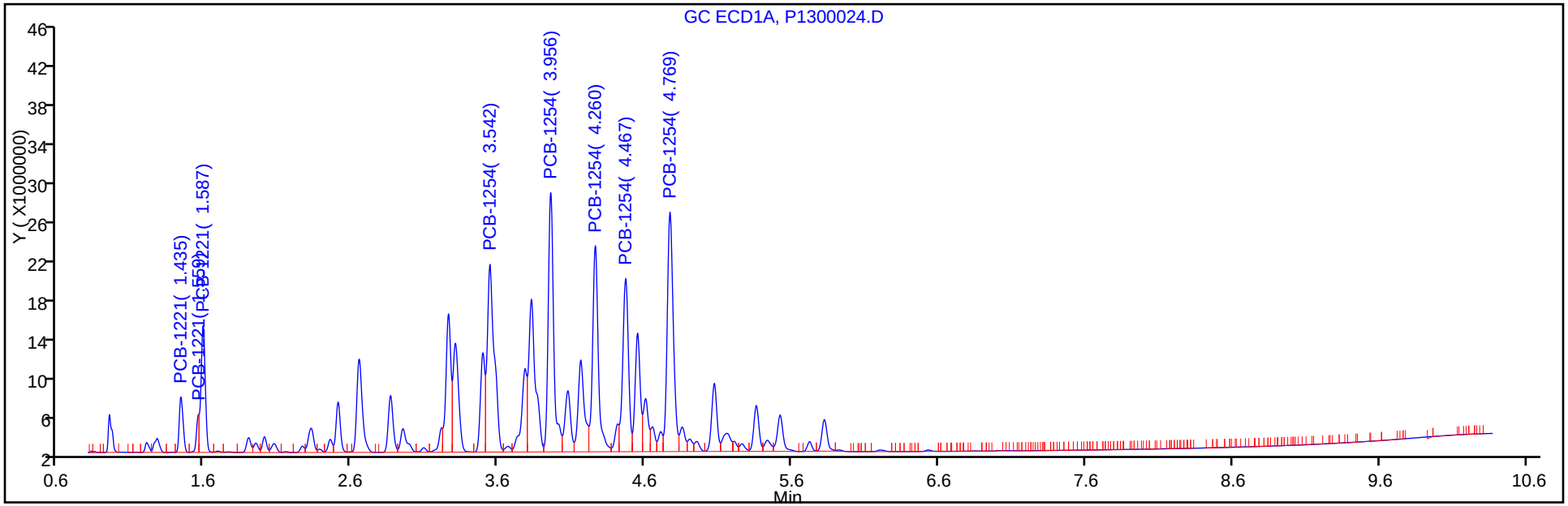
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

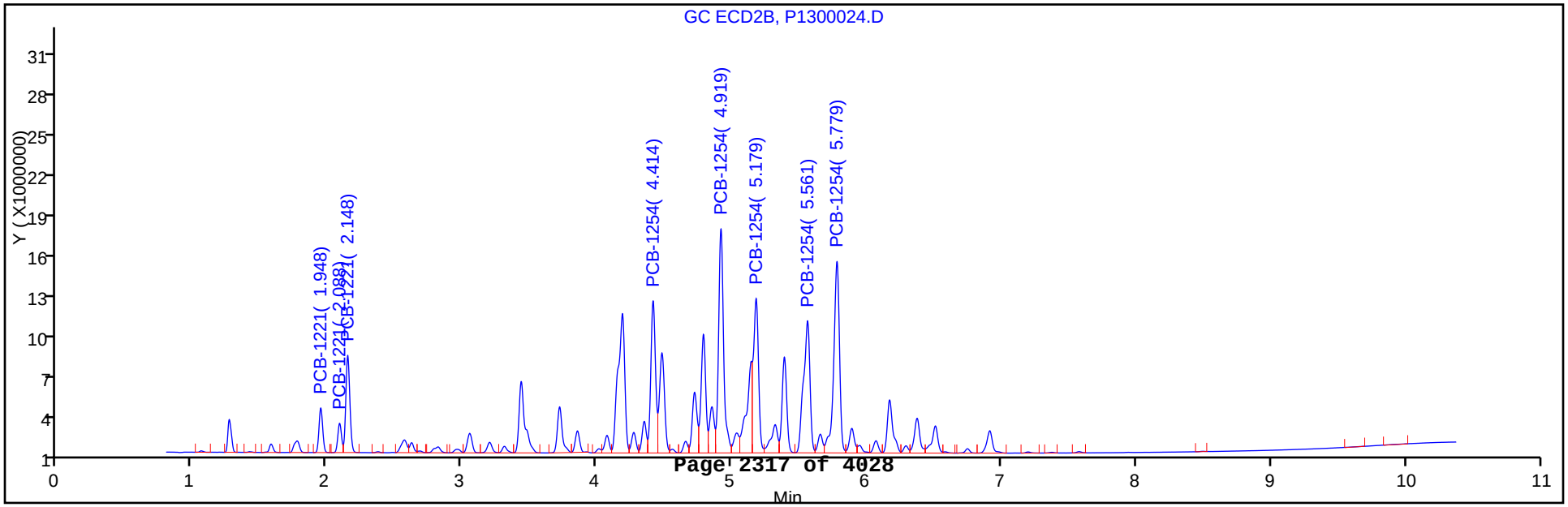
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

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



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

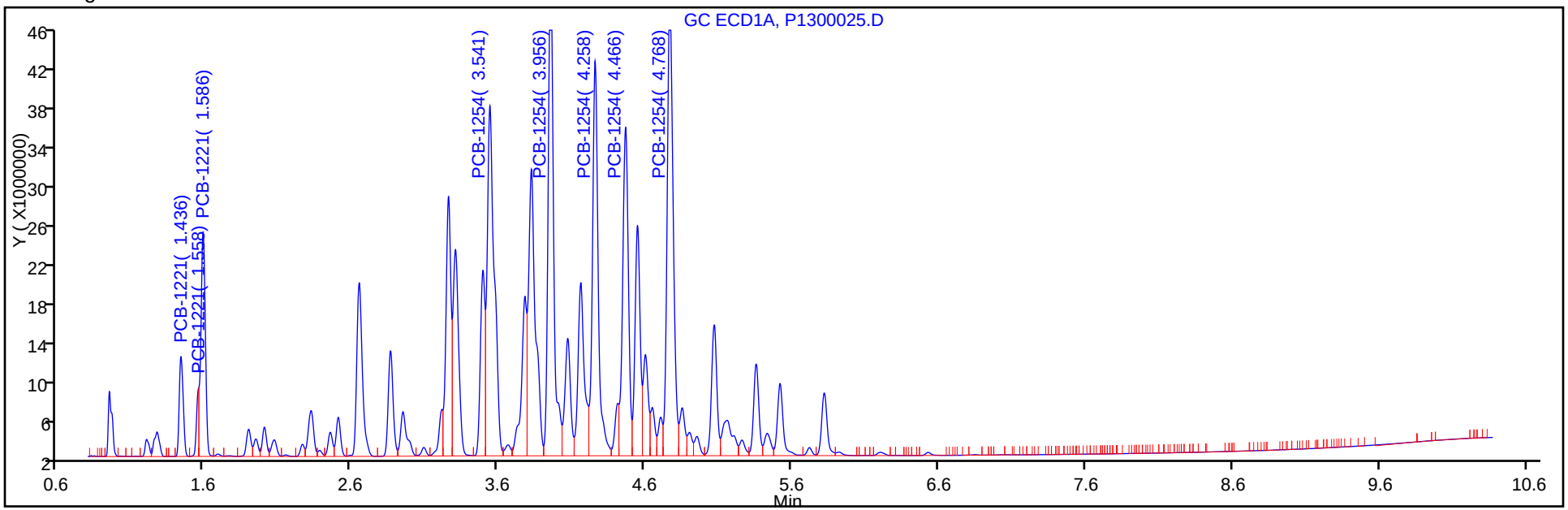
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

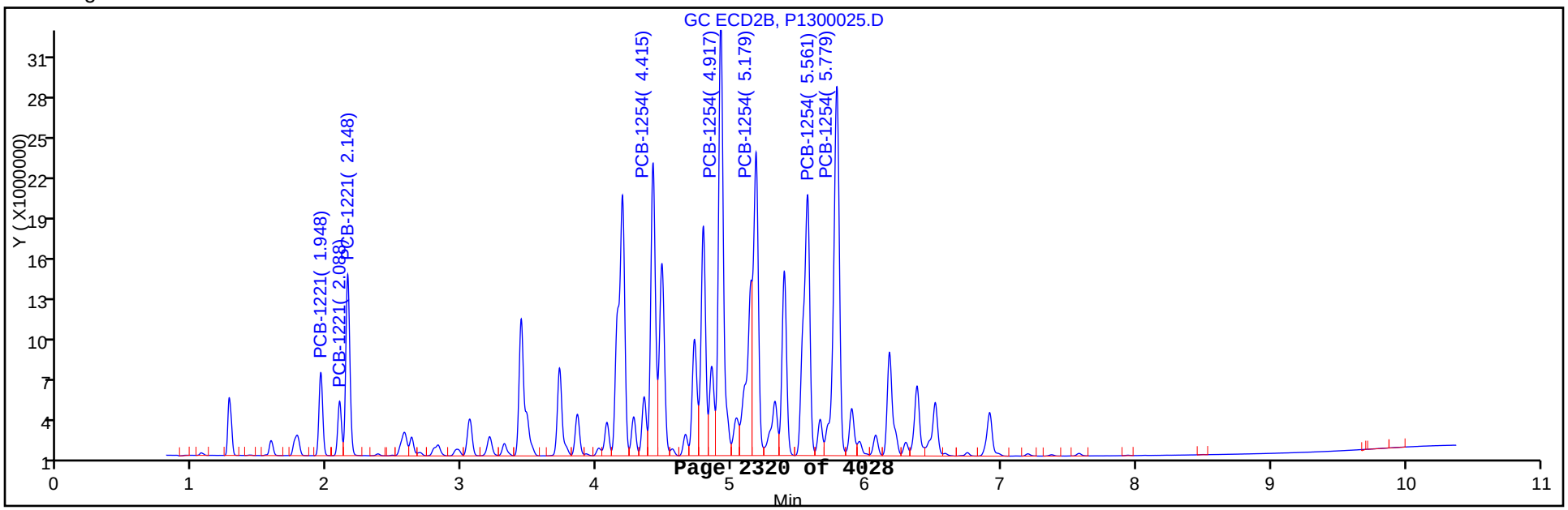
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

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

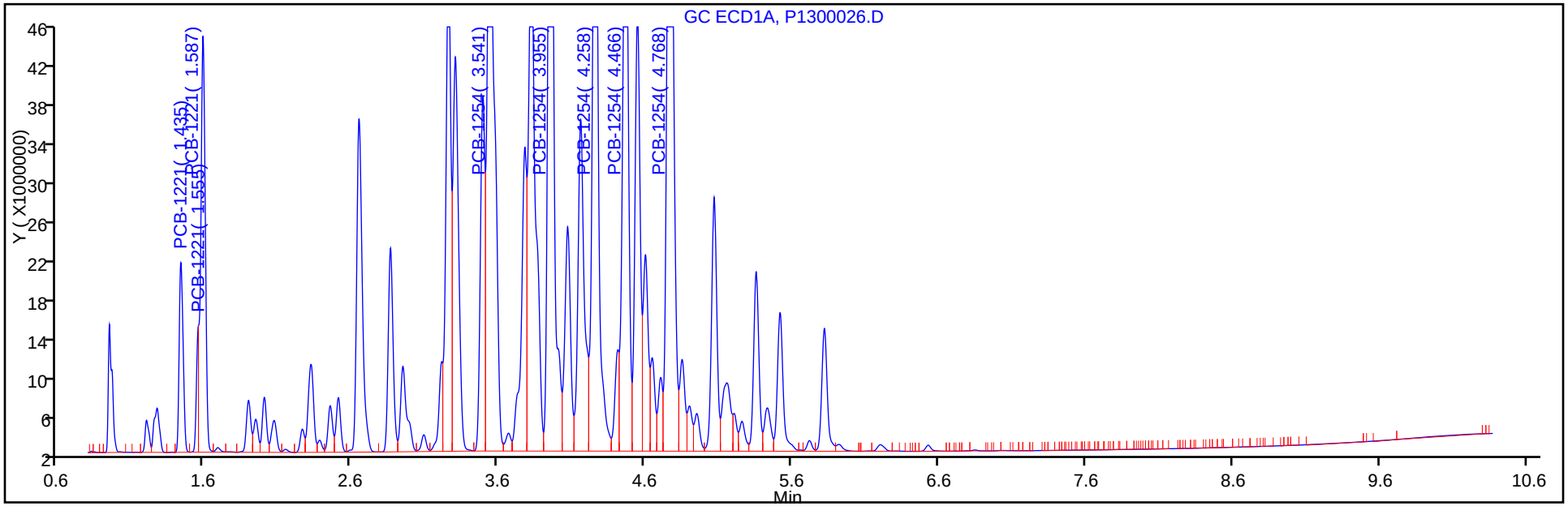
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

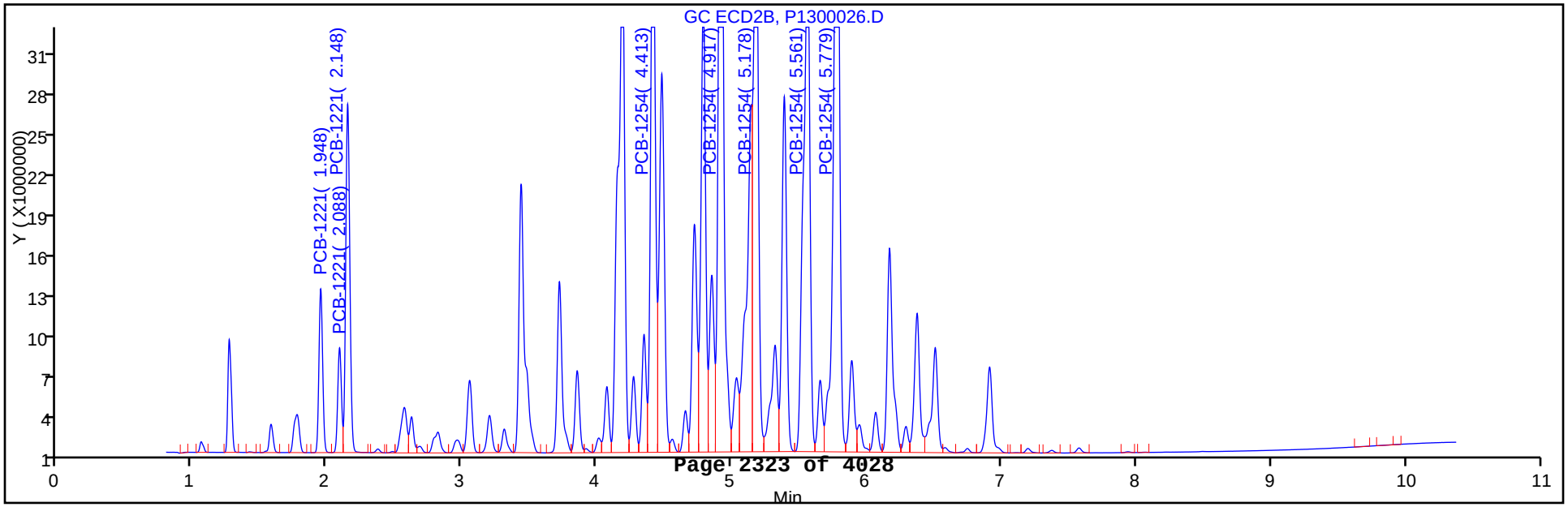
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

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



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

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

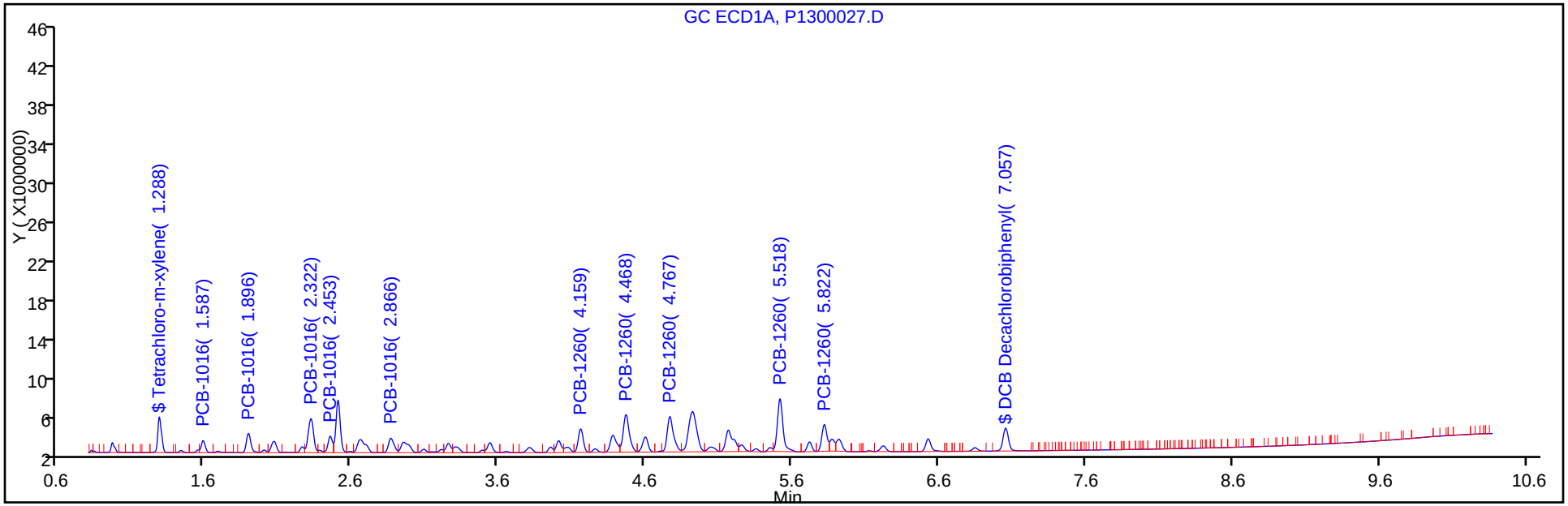
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

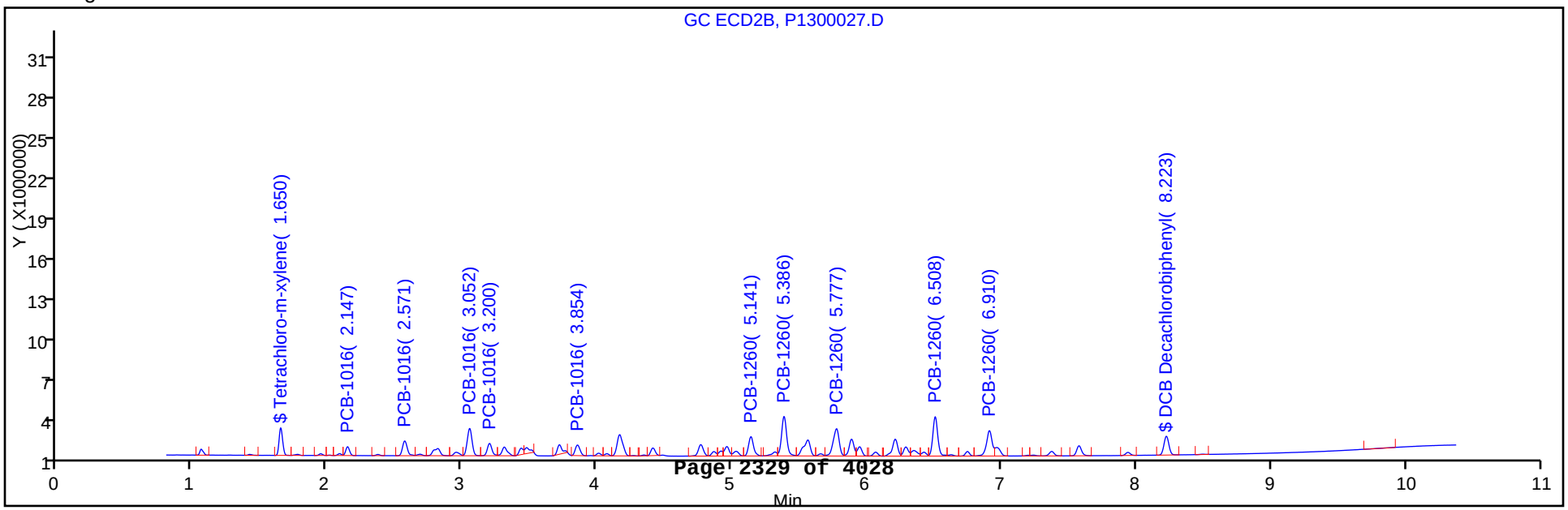
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D

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



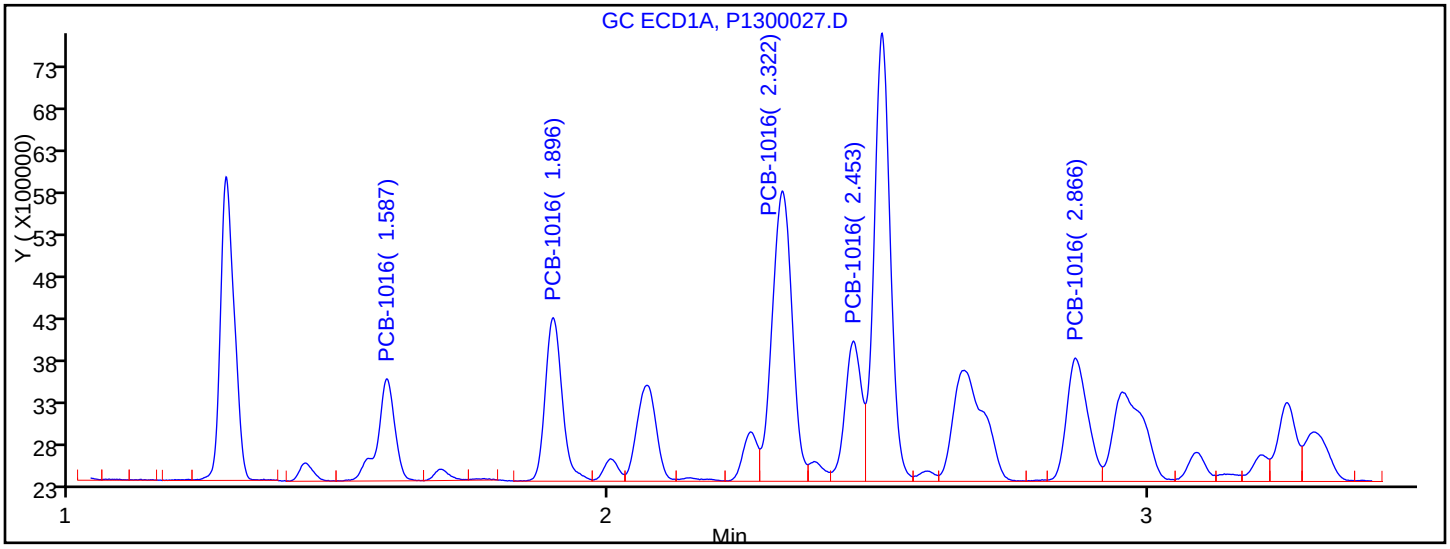
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D

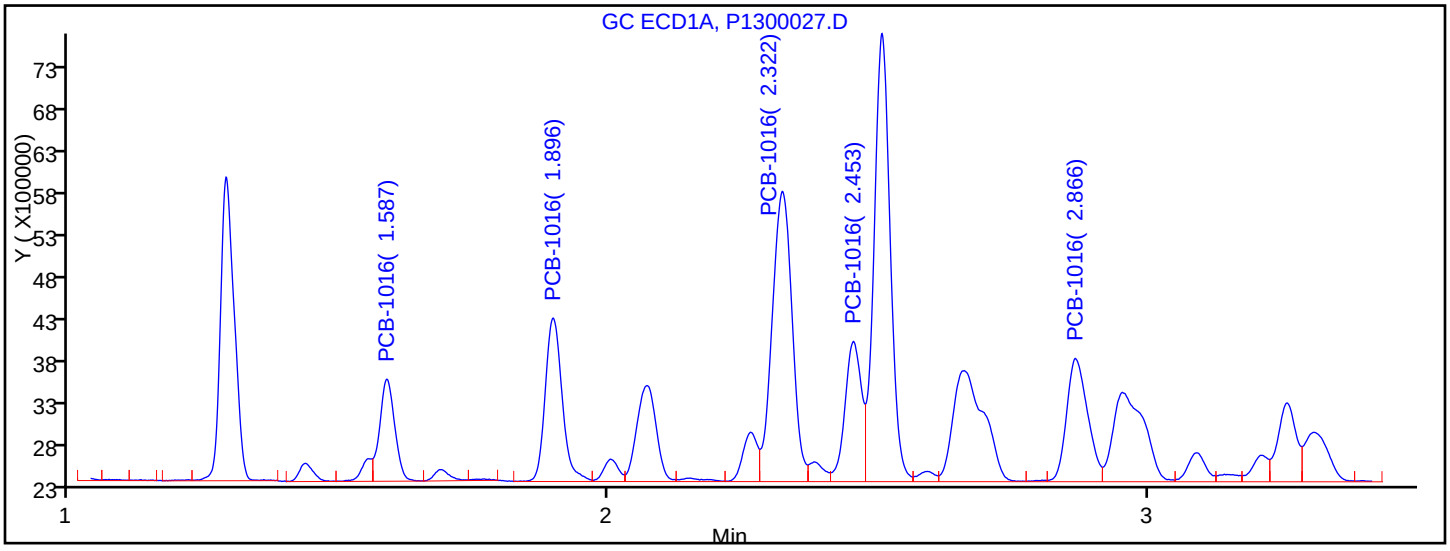
Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

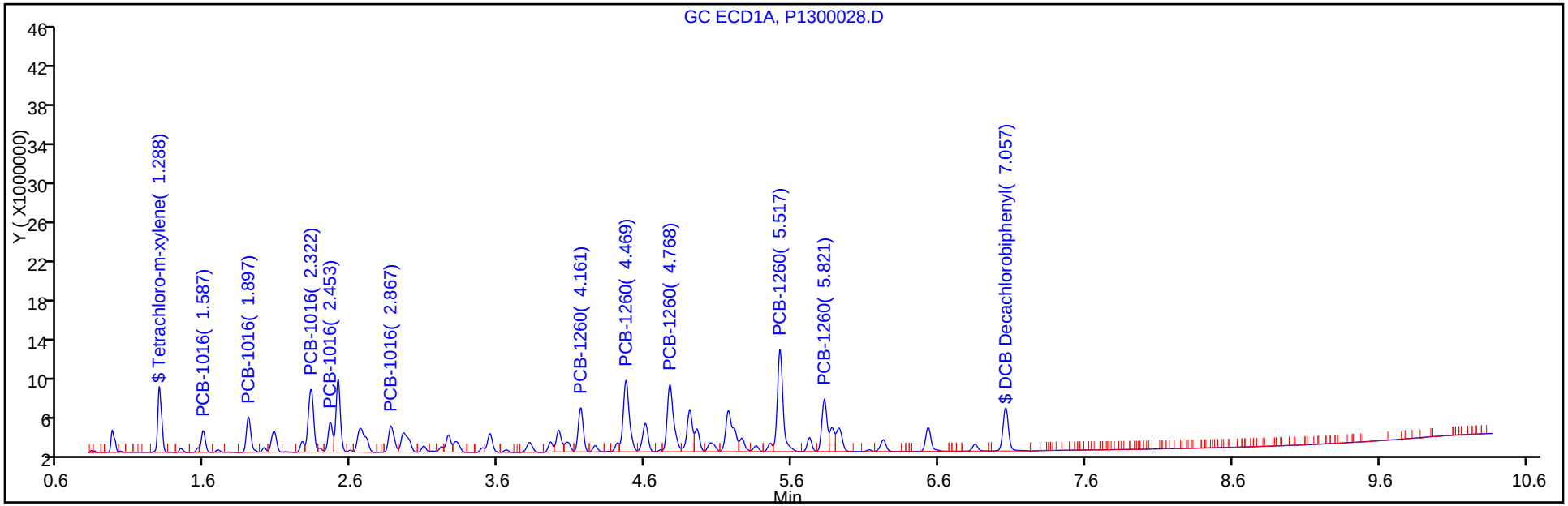
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

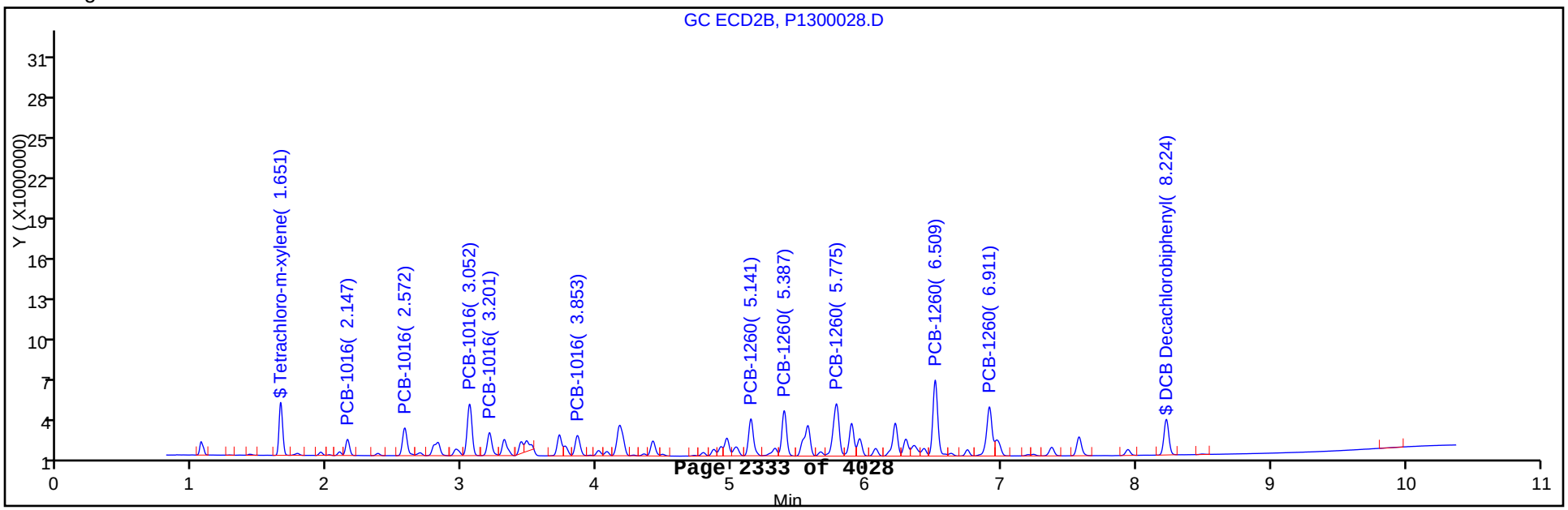
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



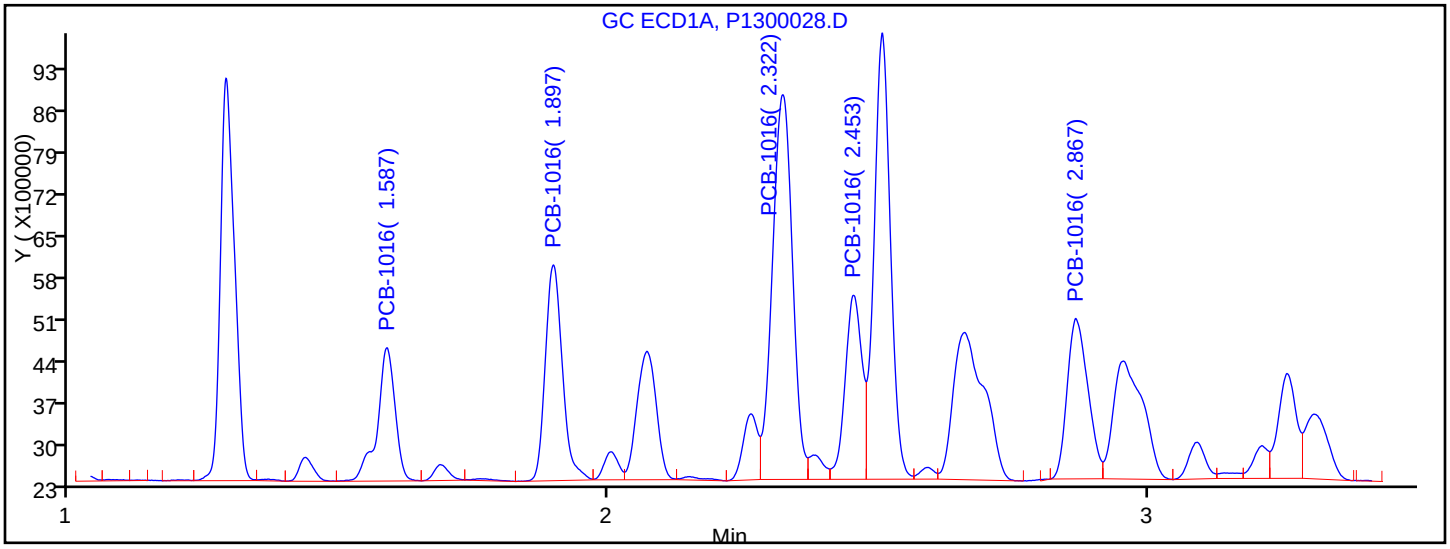
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D

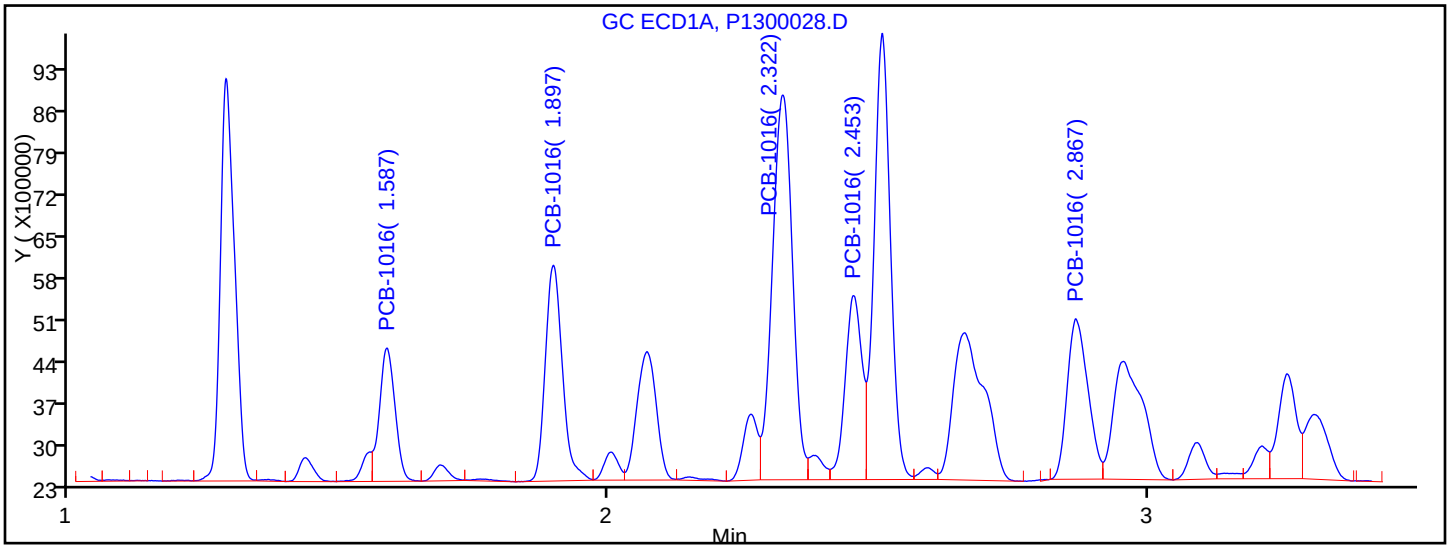
Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

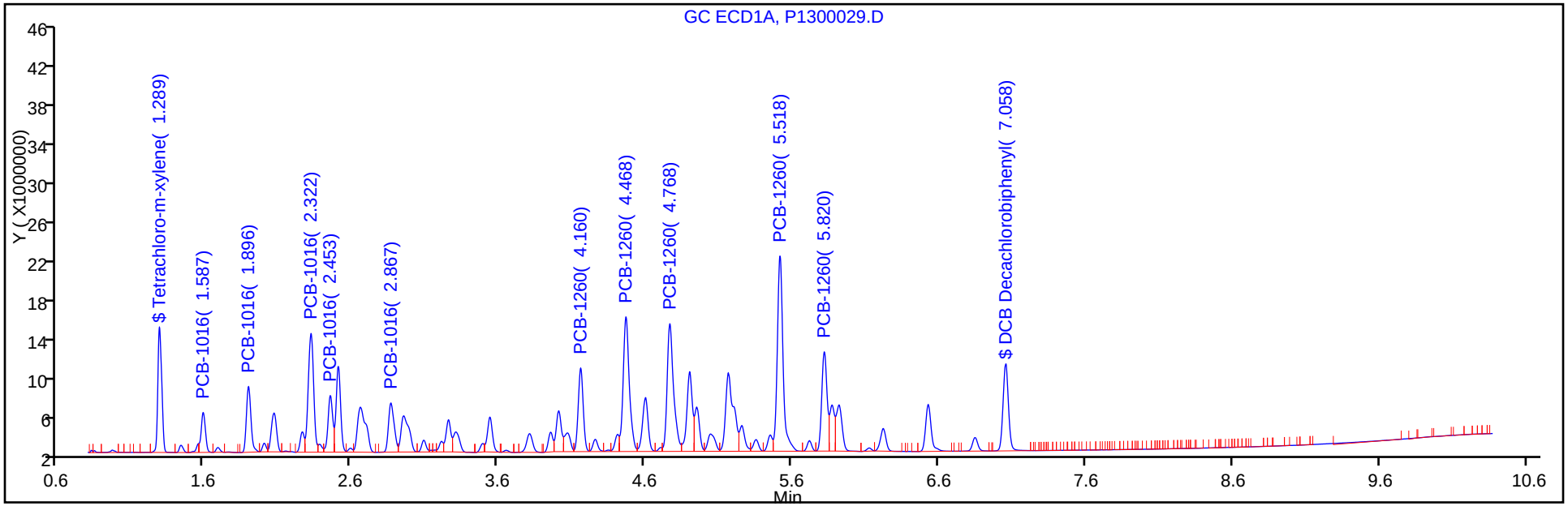
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

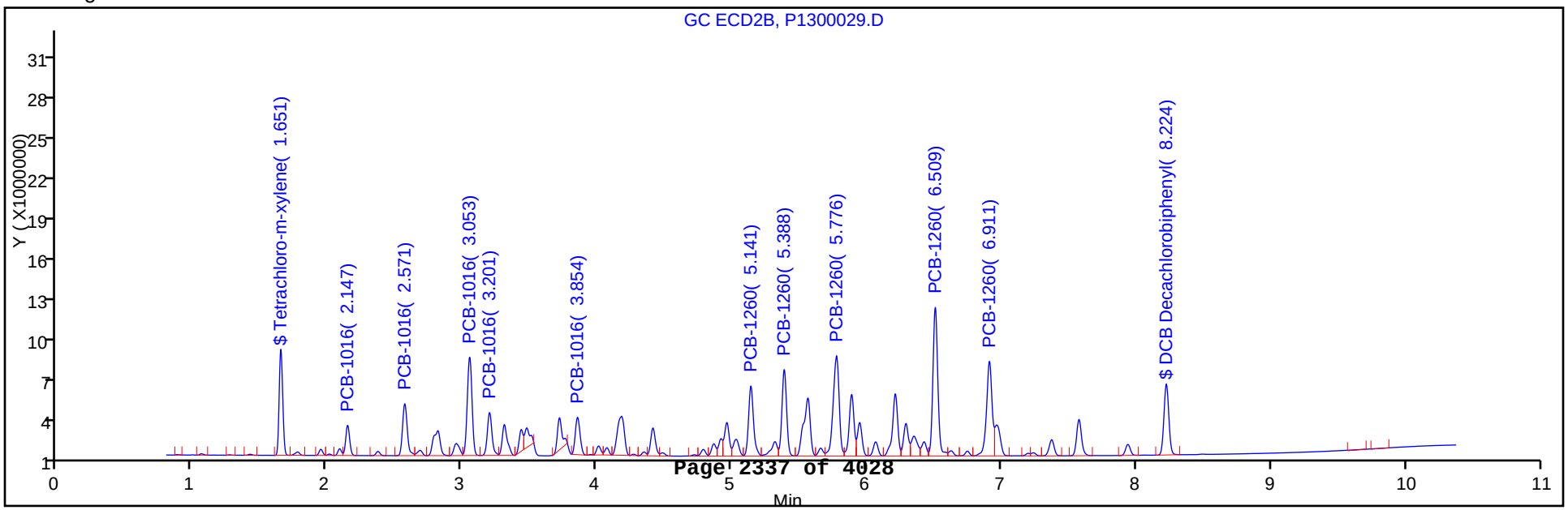
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



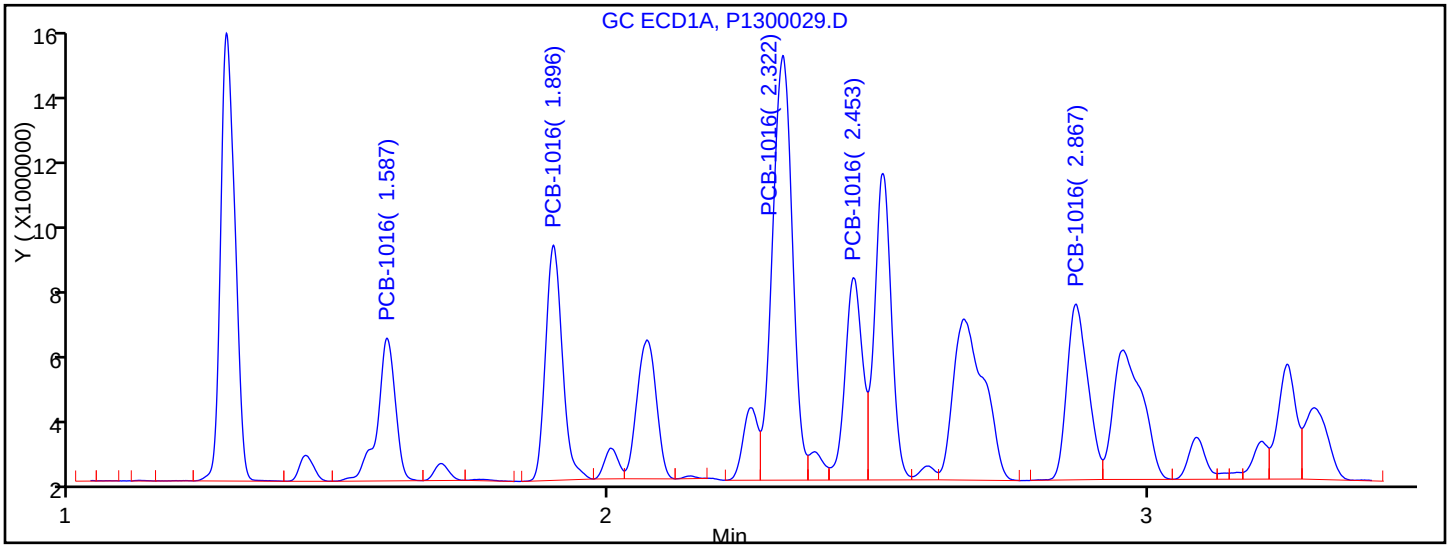
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

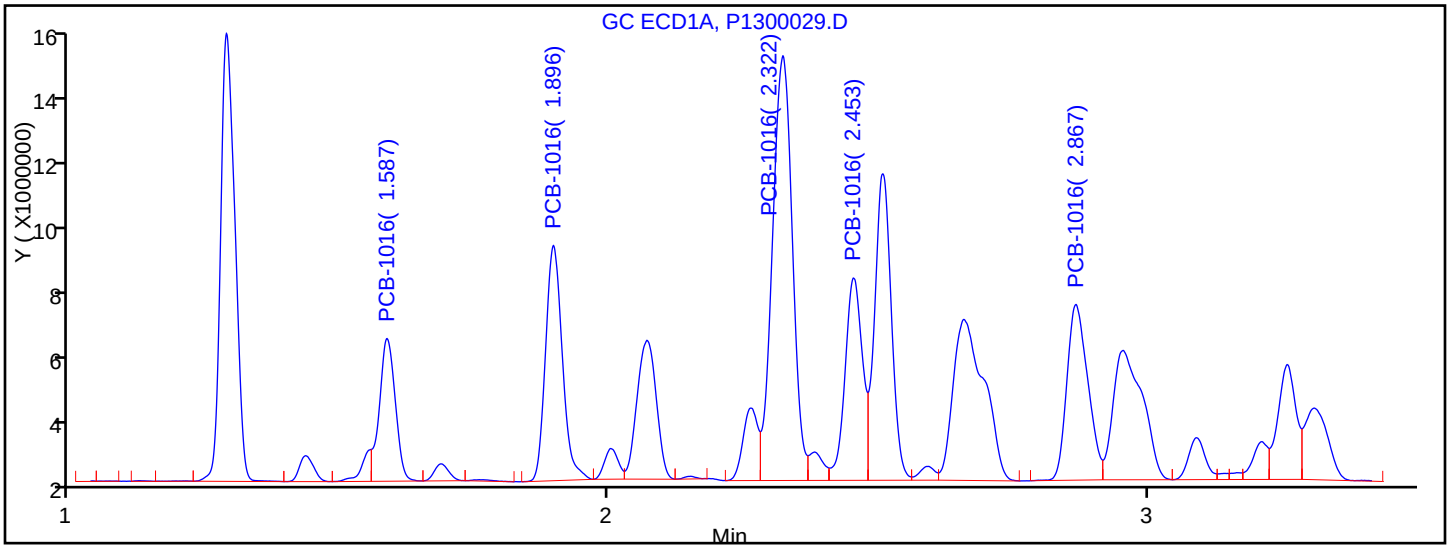
Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

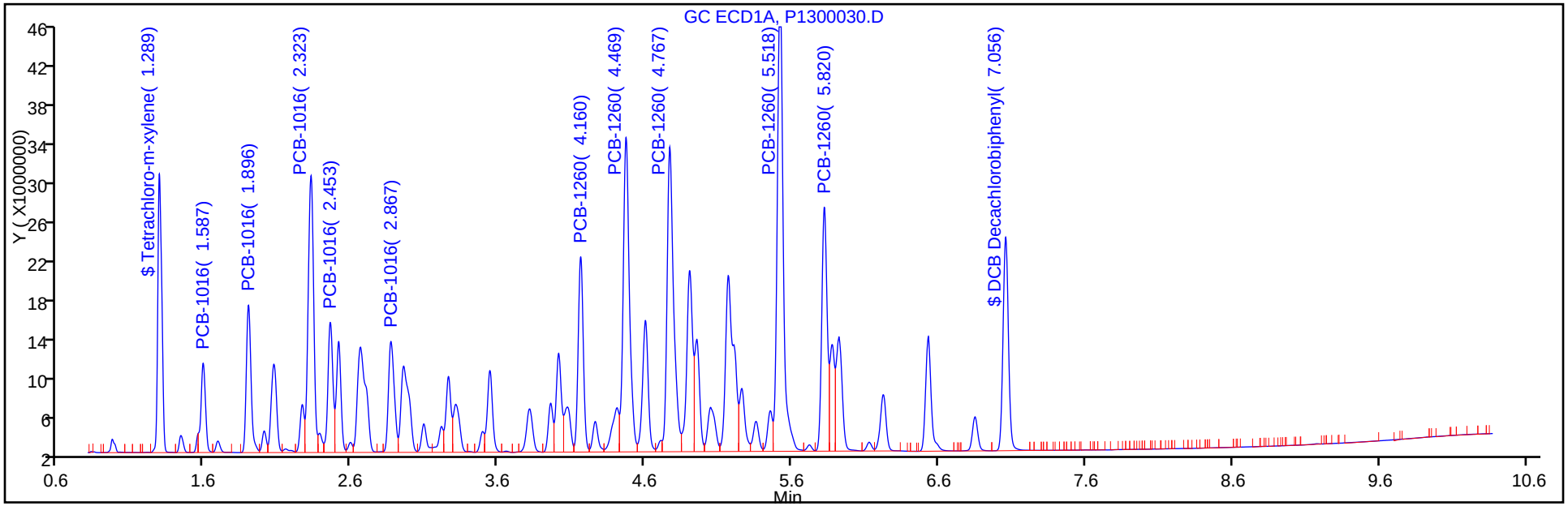
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

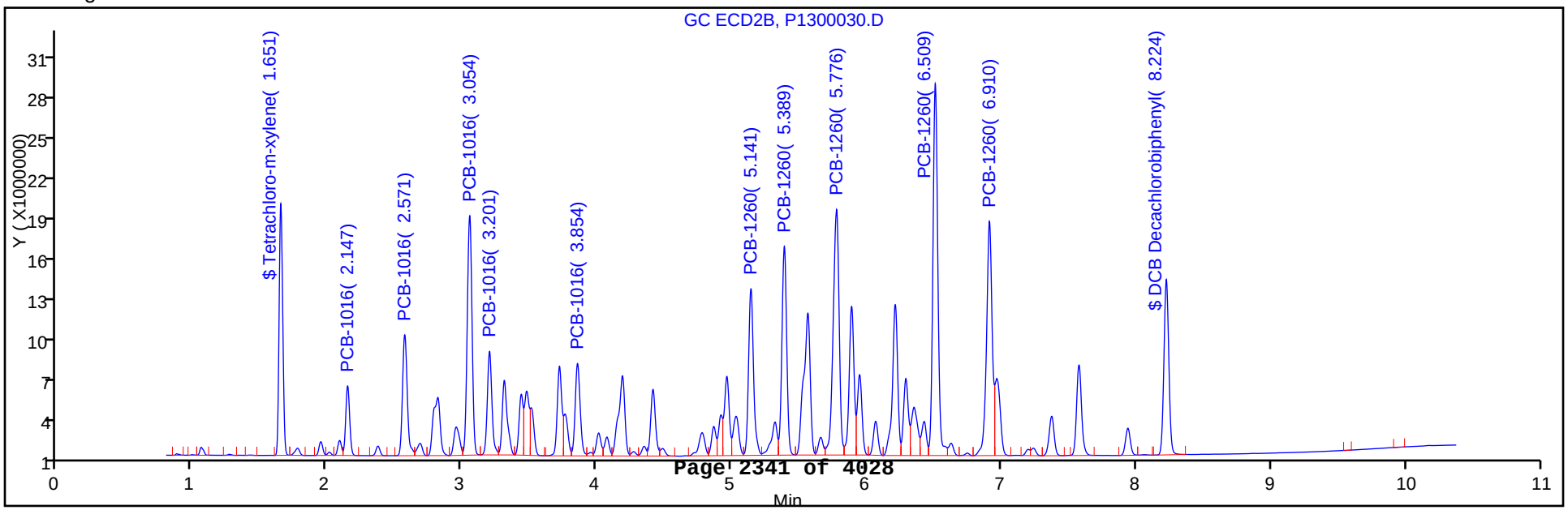
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

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



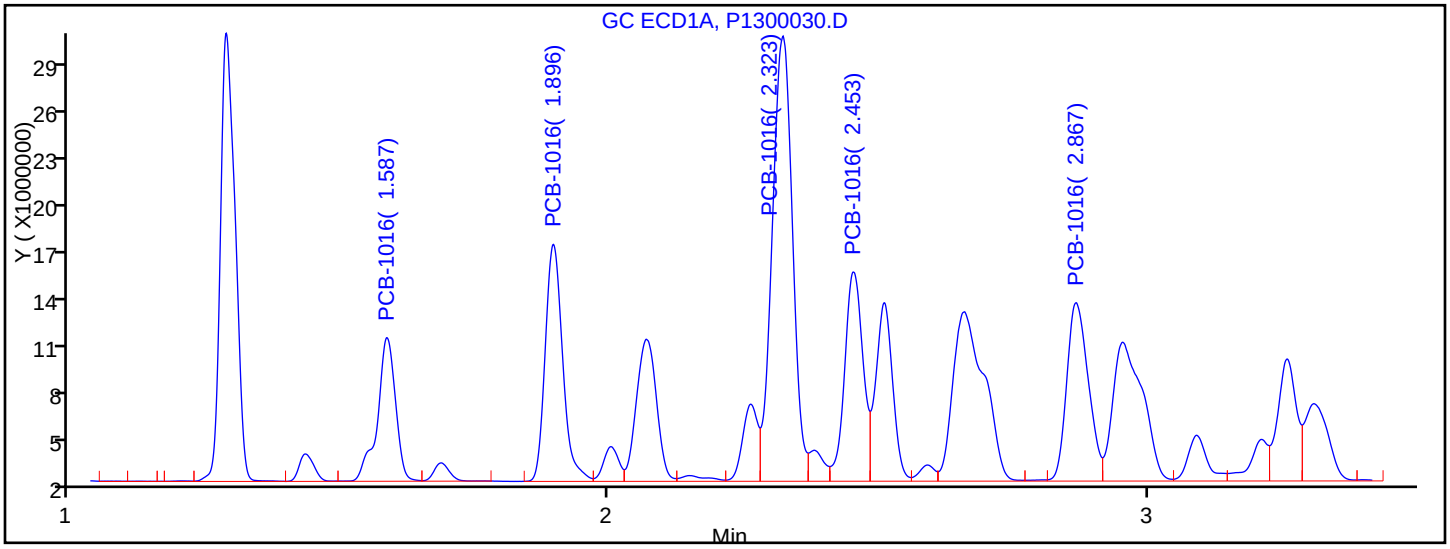
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

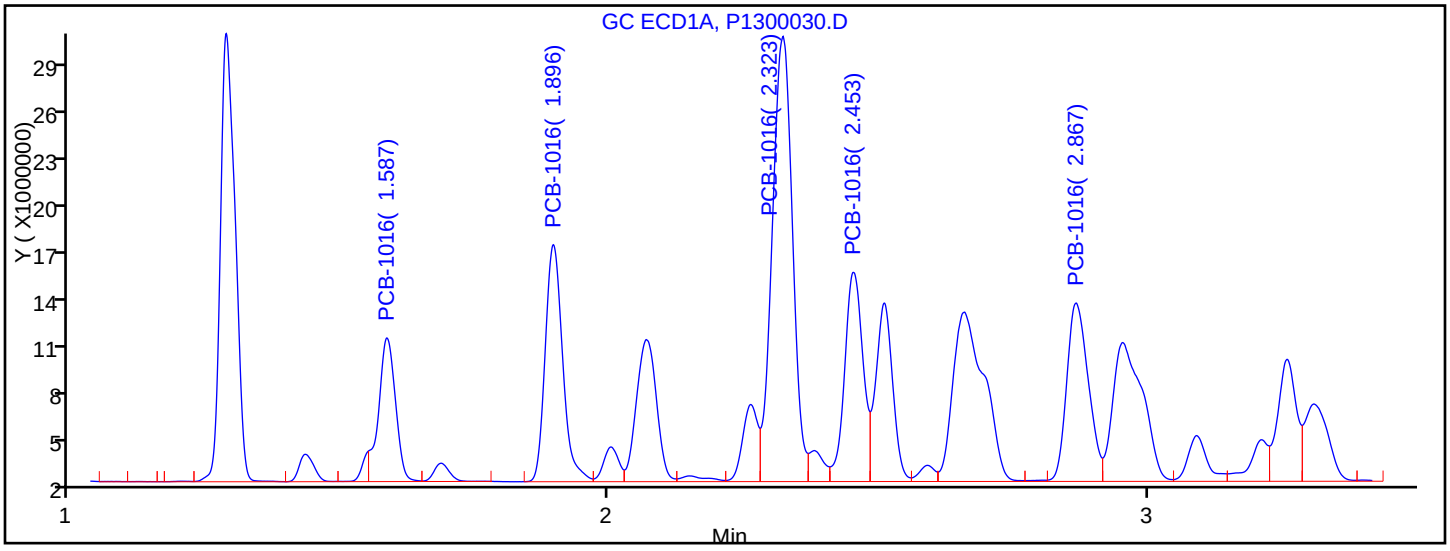
Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

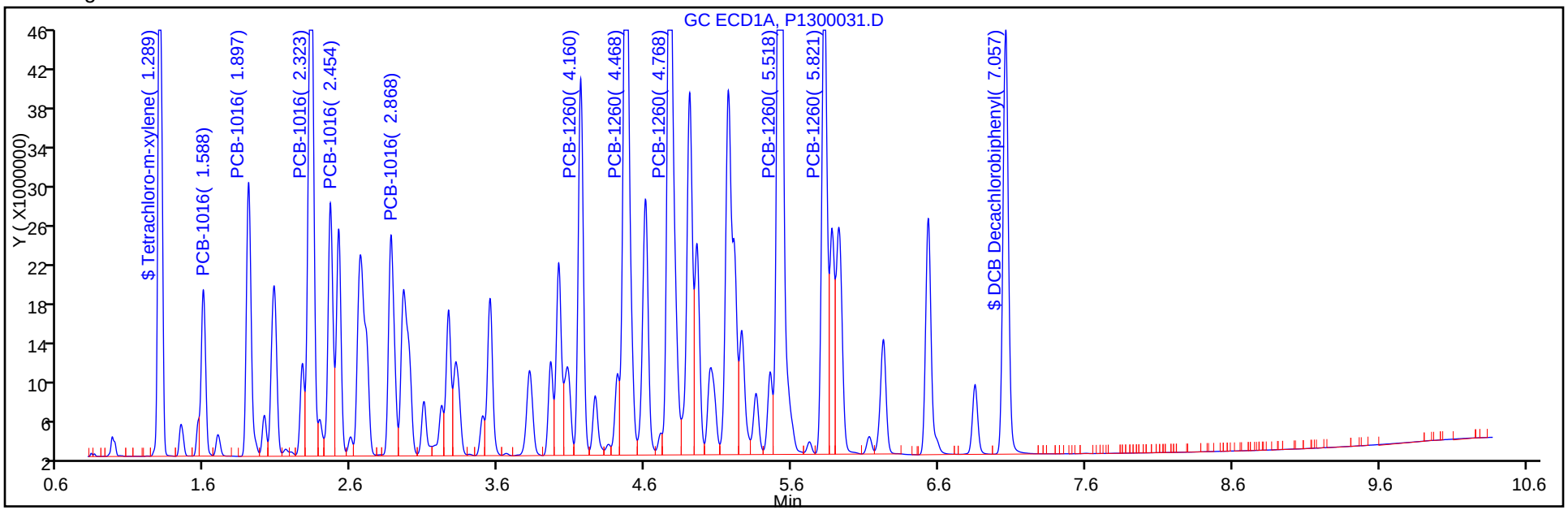
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

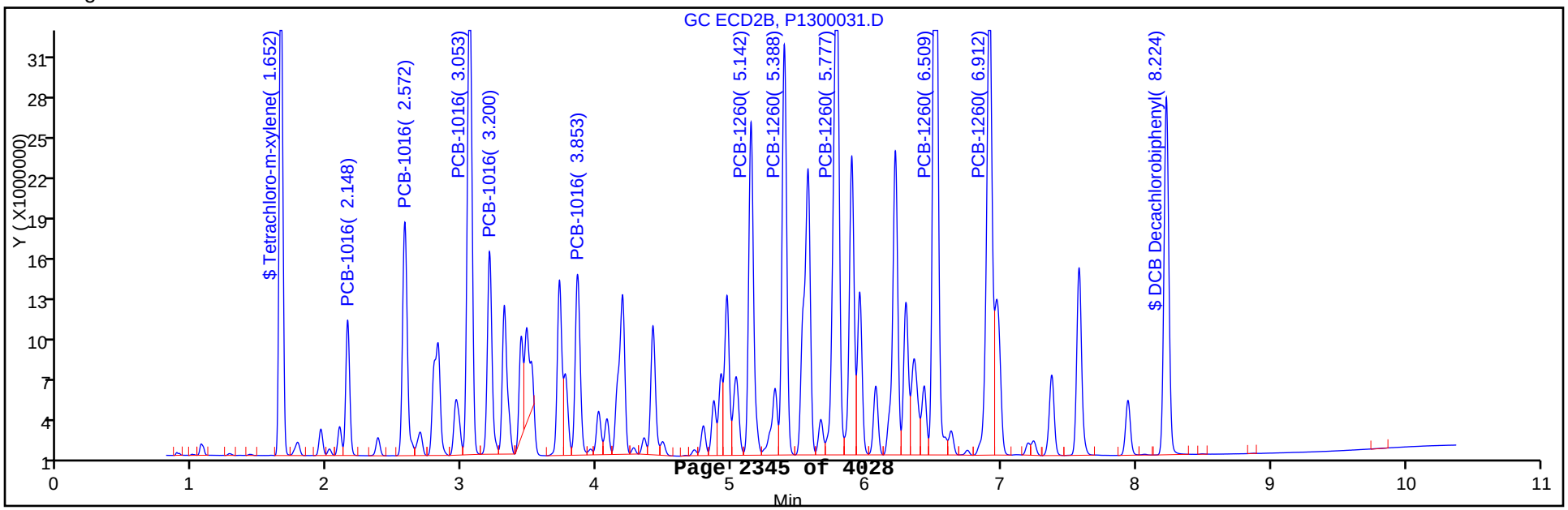
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



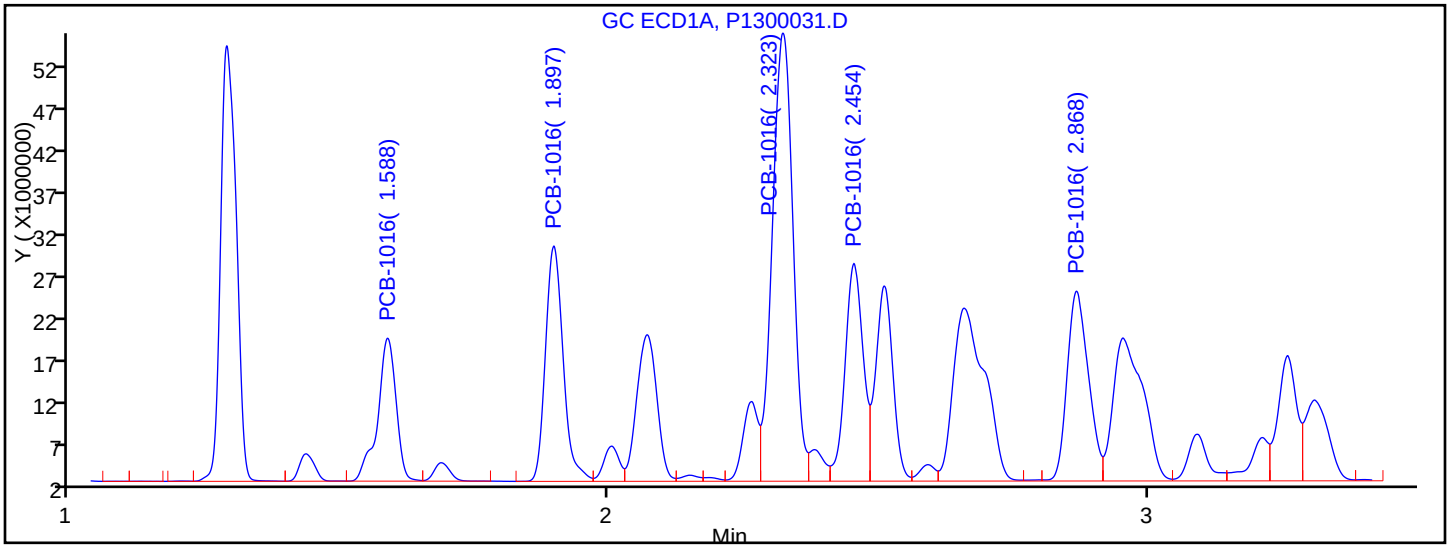
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

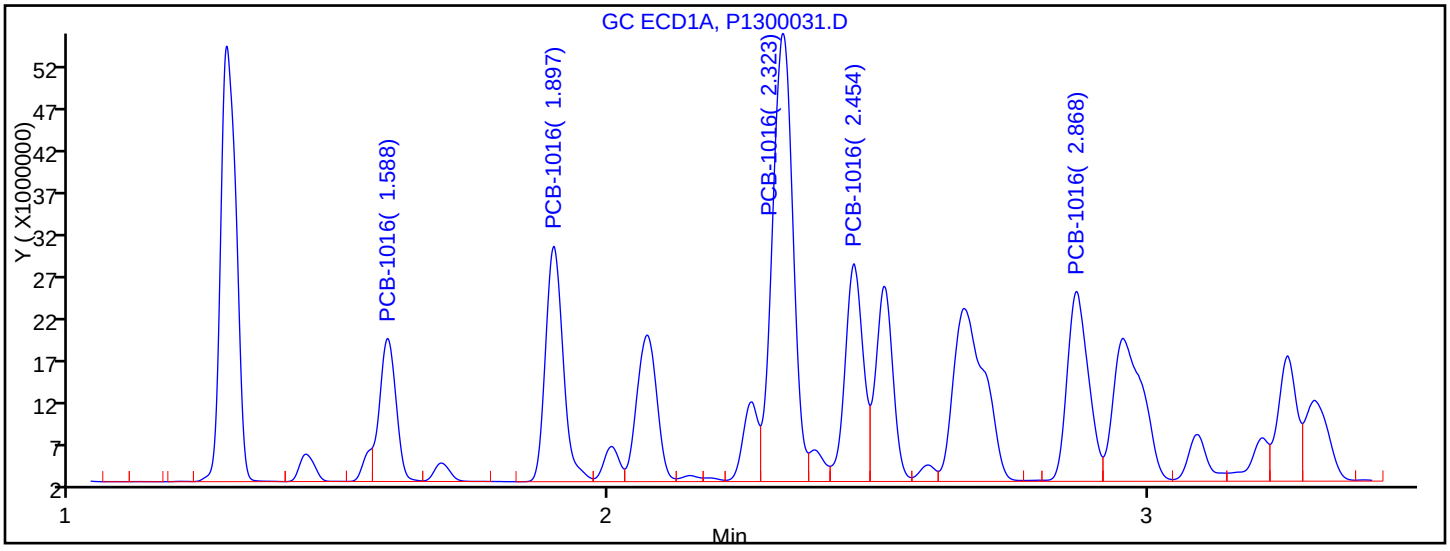
Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

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

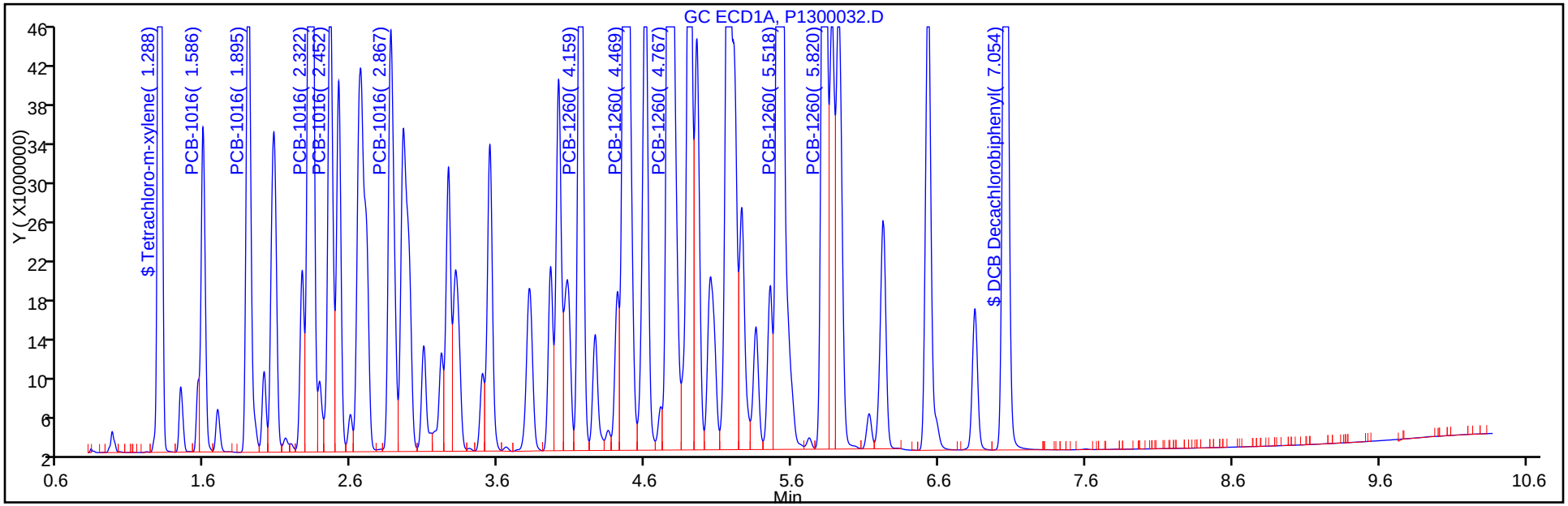
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

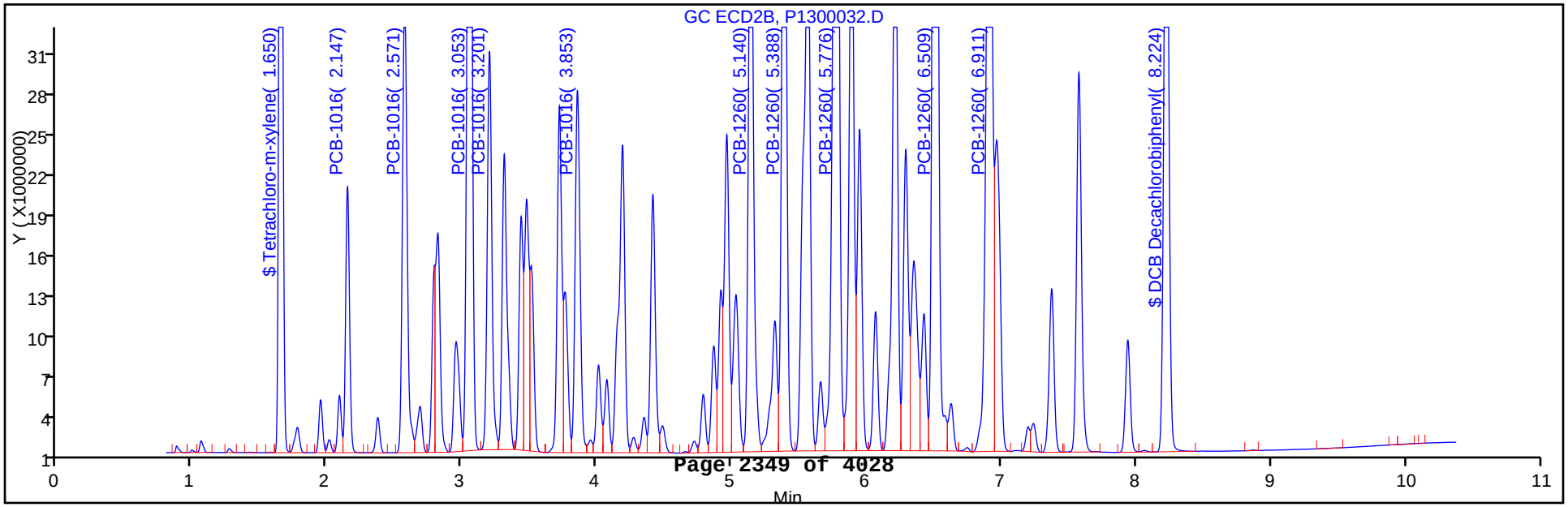
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



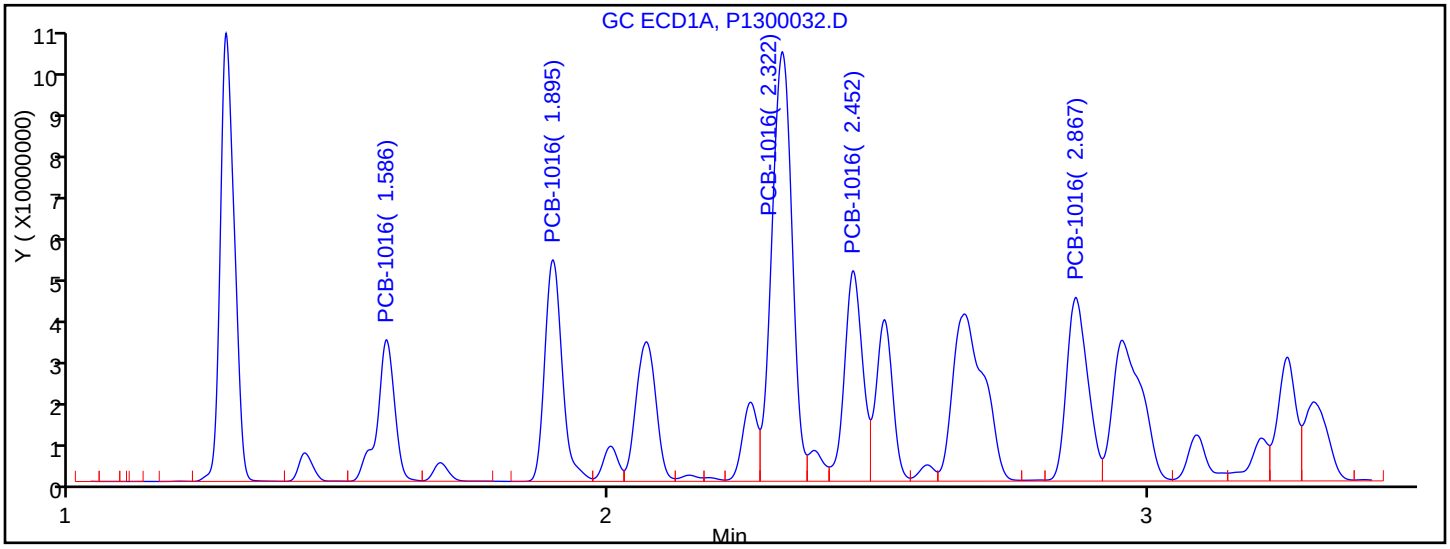
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

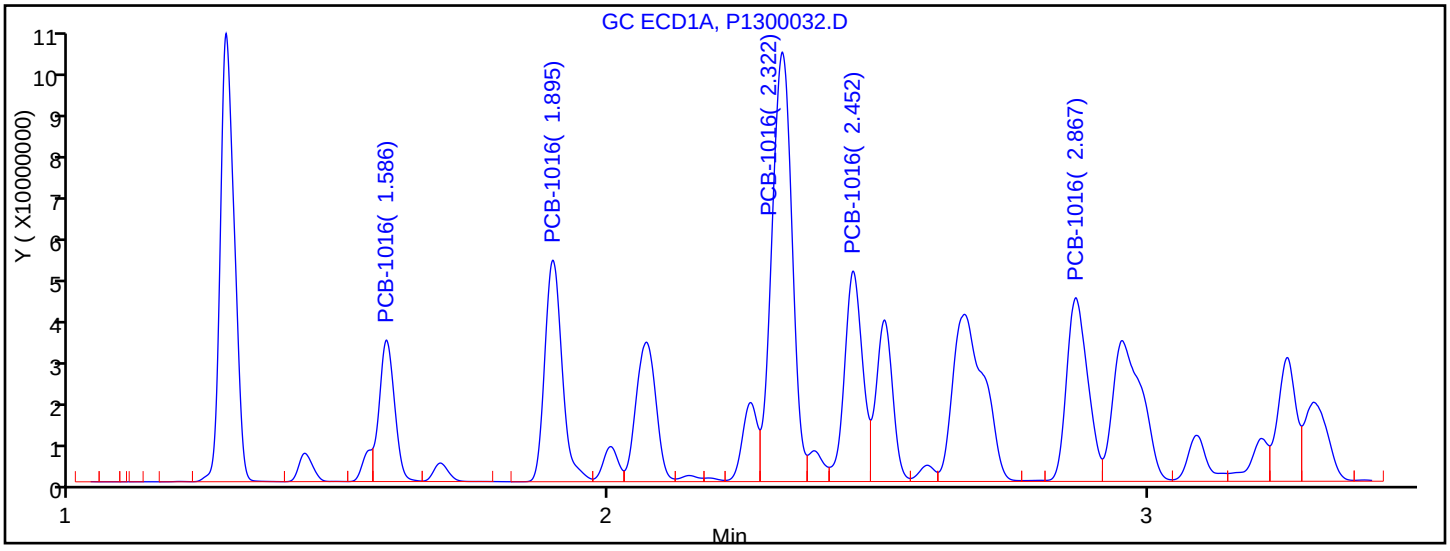
Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1 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.: 240-17422-1 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.: 240-17422-1 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

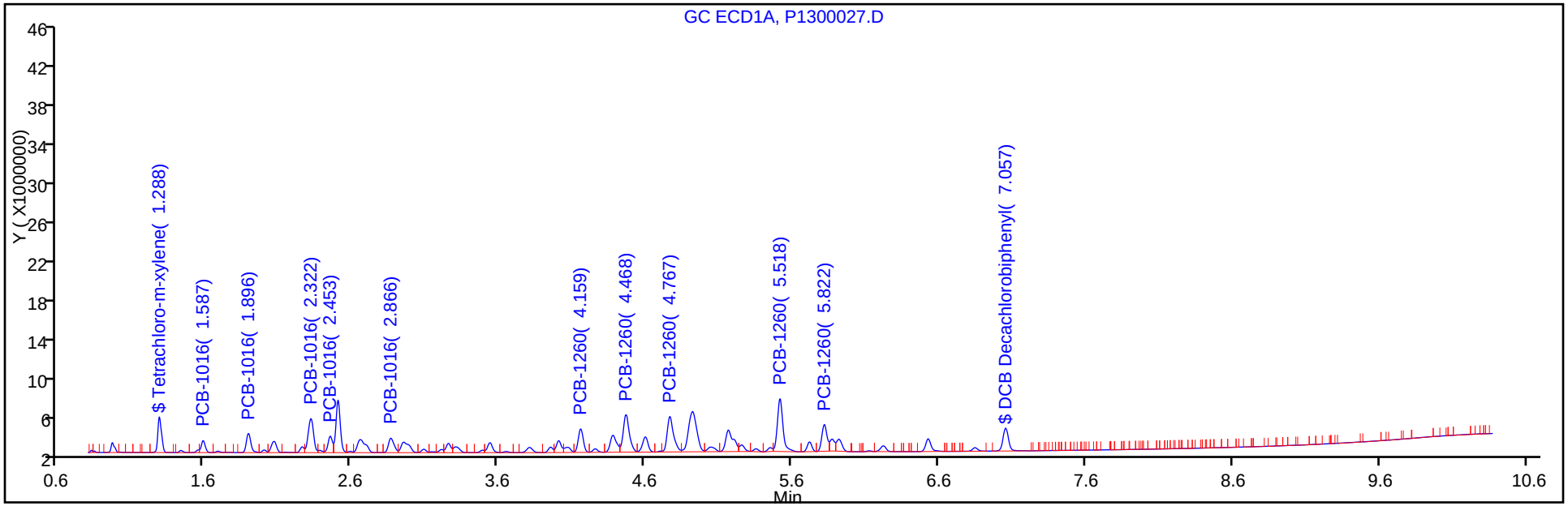
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

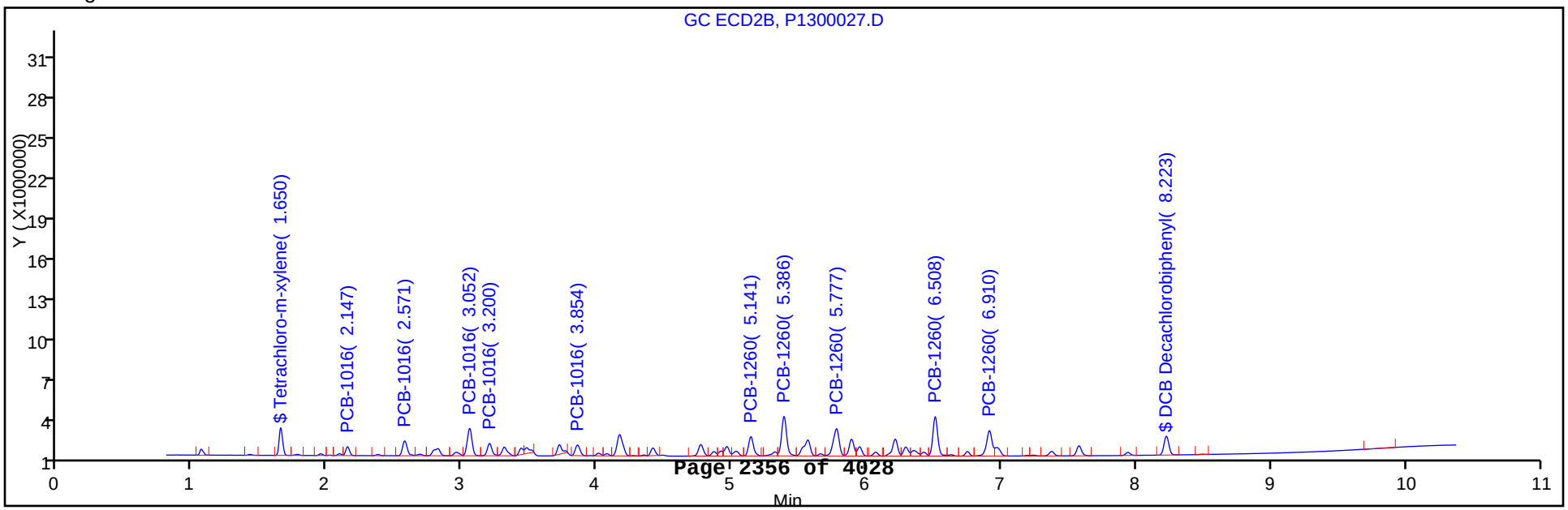
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D

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

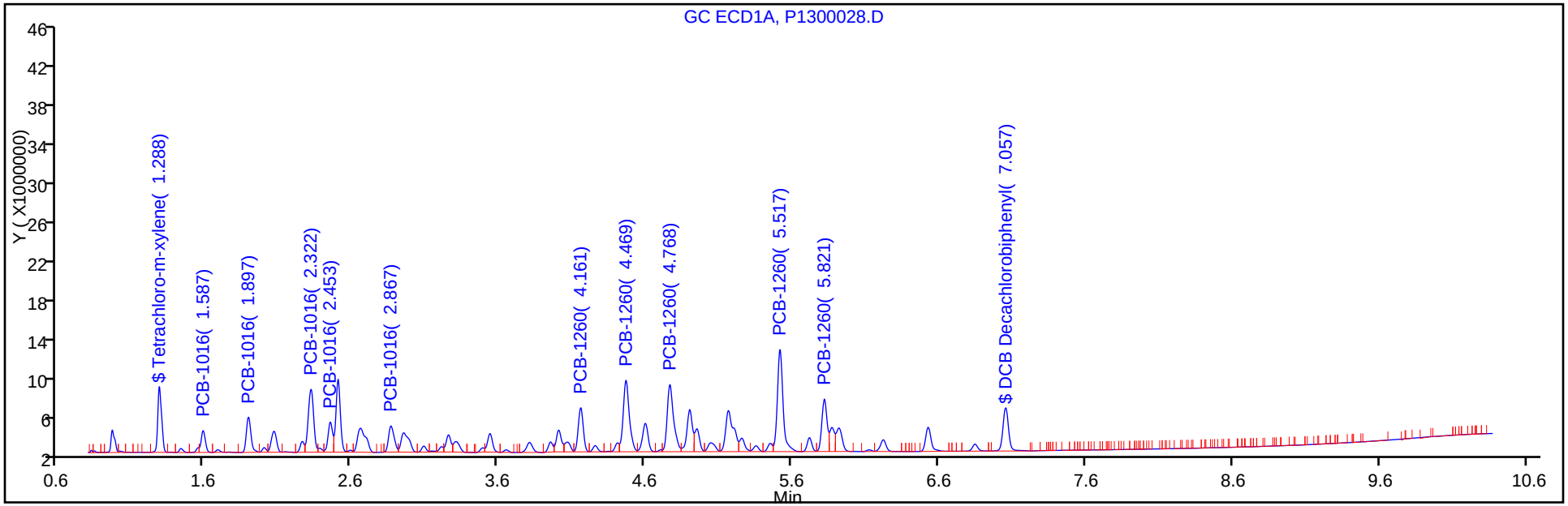
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

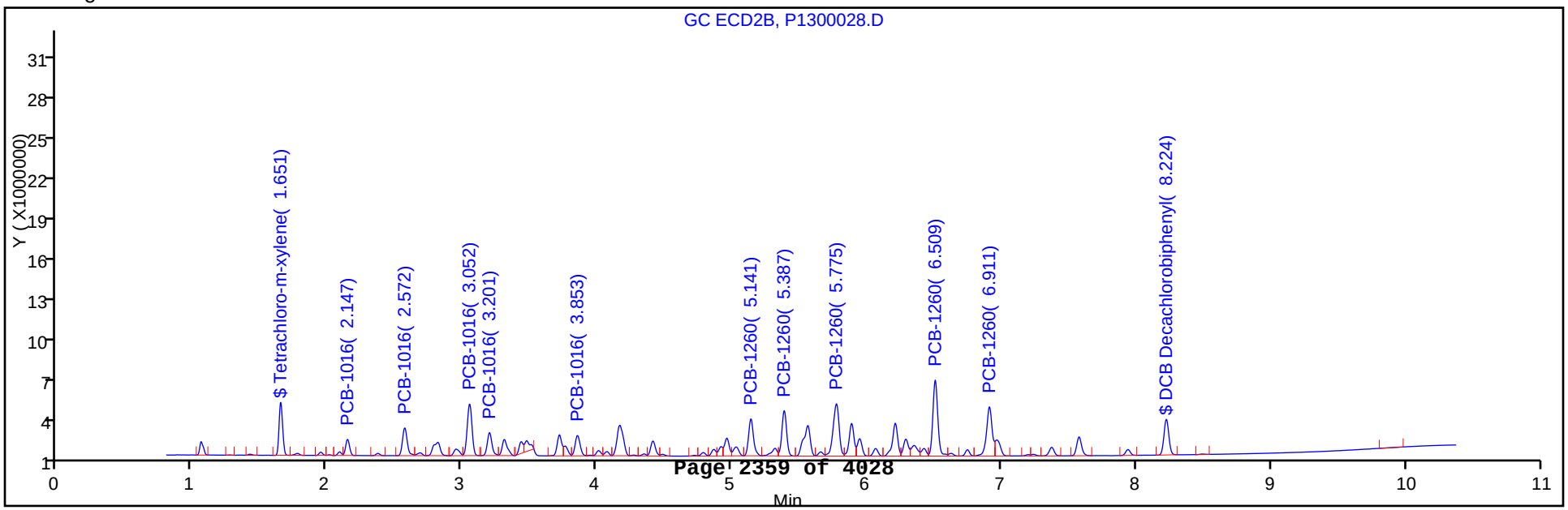
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D

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:	

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			

Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

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

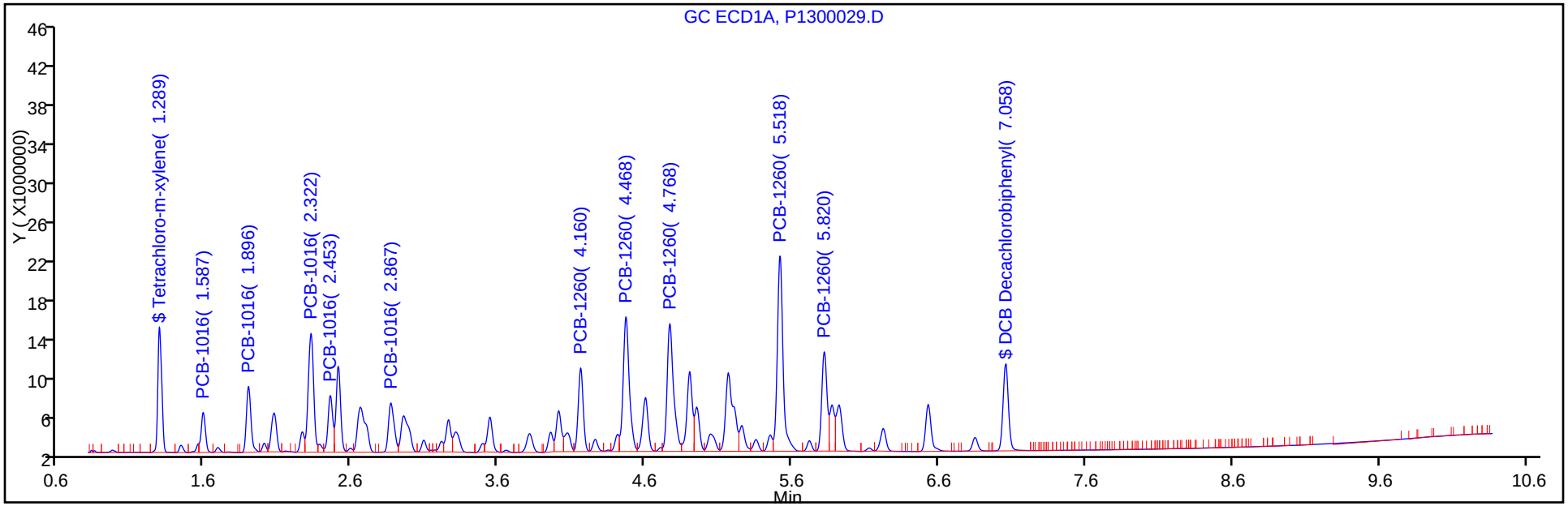
Report Date: 22-Oct-2012 09:18:08 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

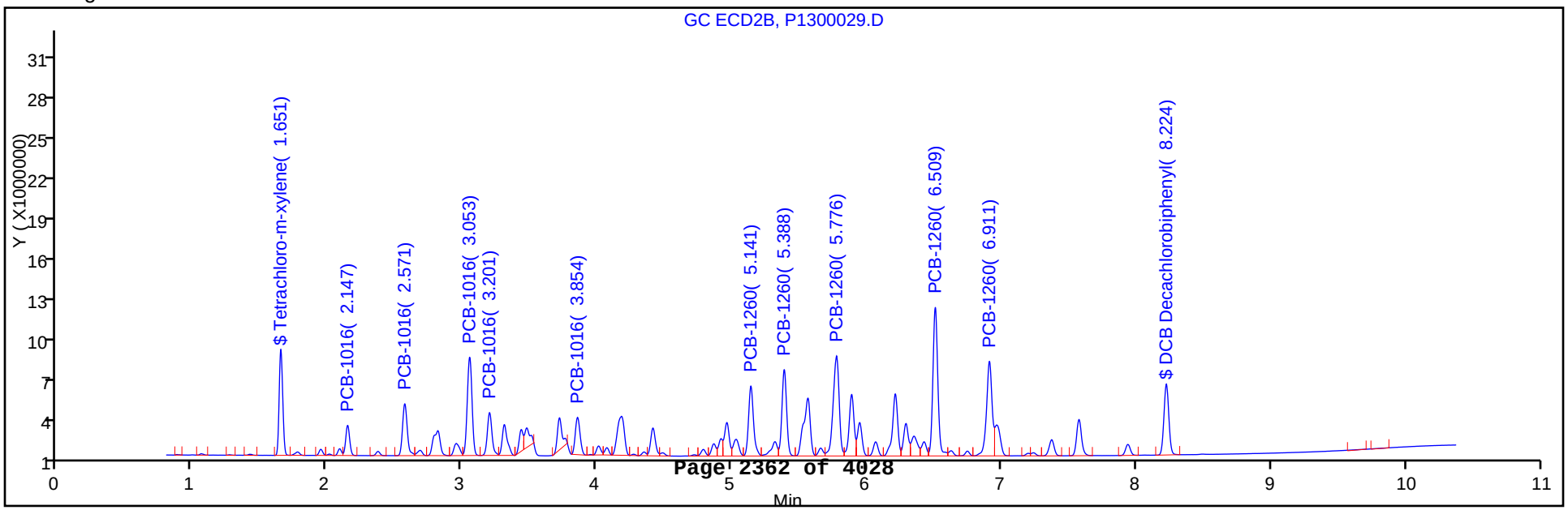
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

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

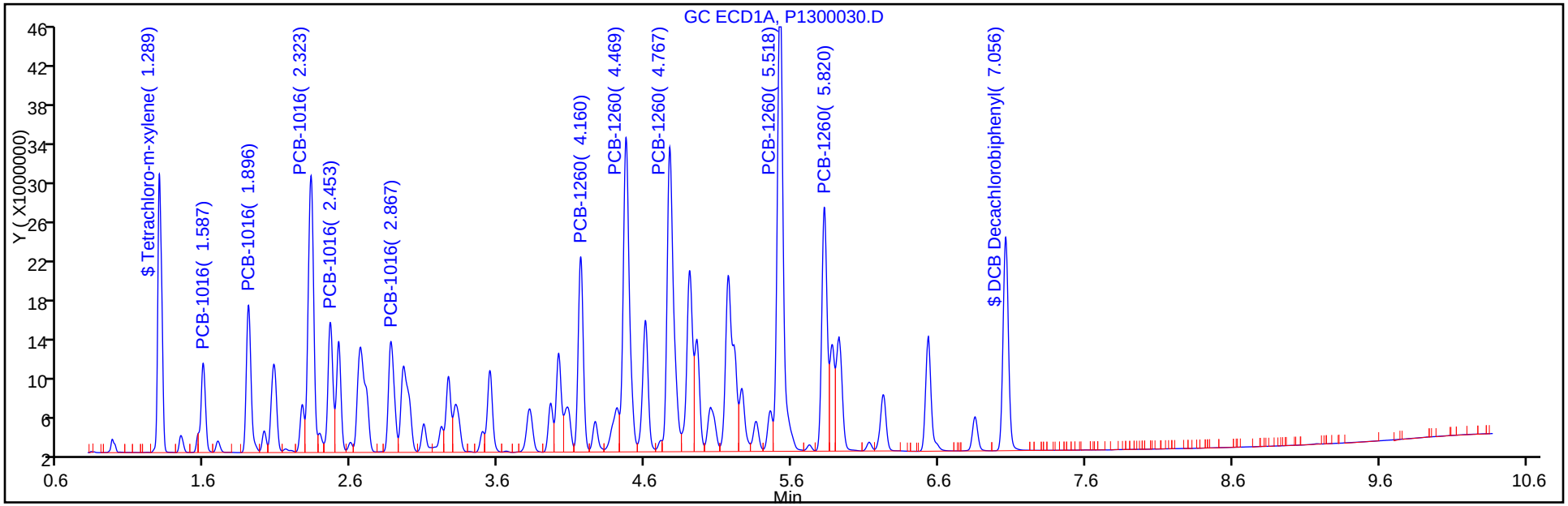
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

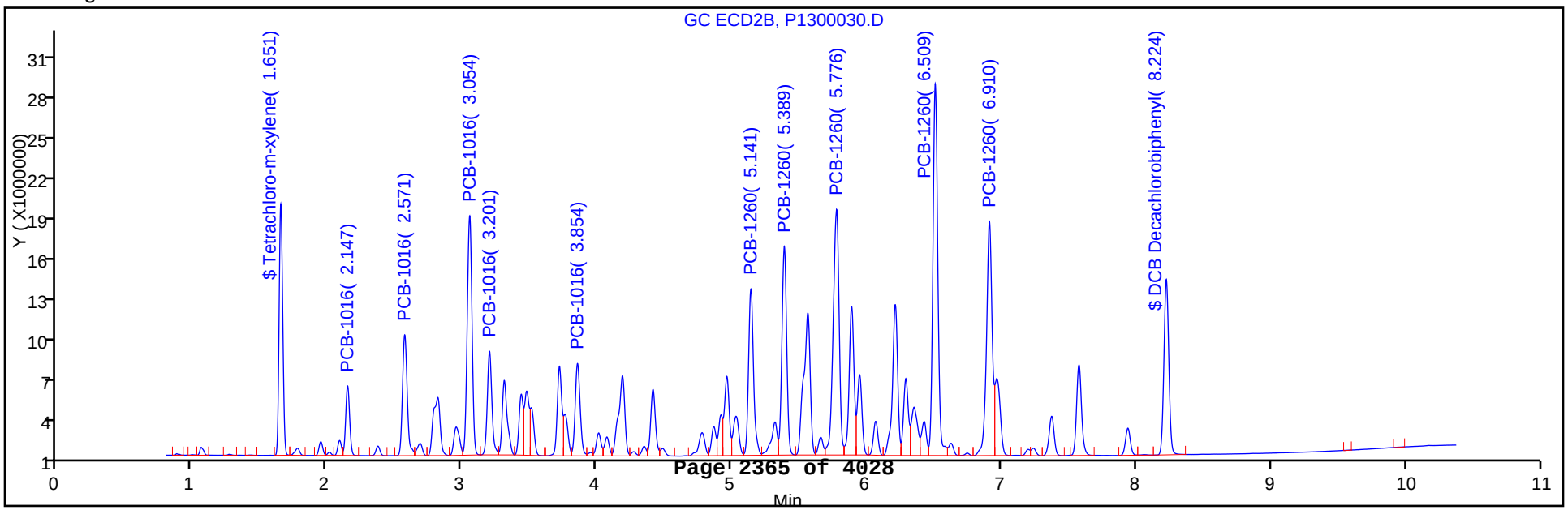
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

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

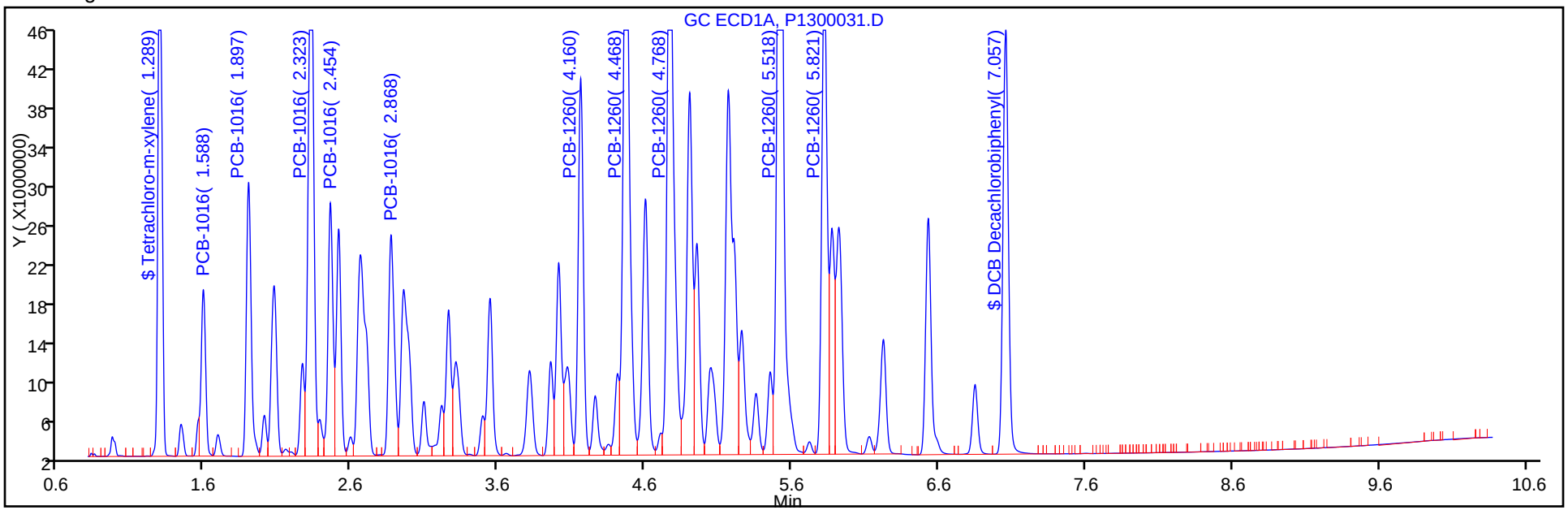
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

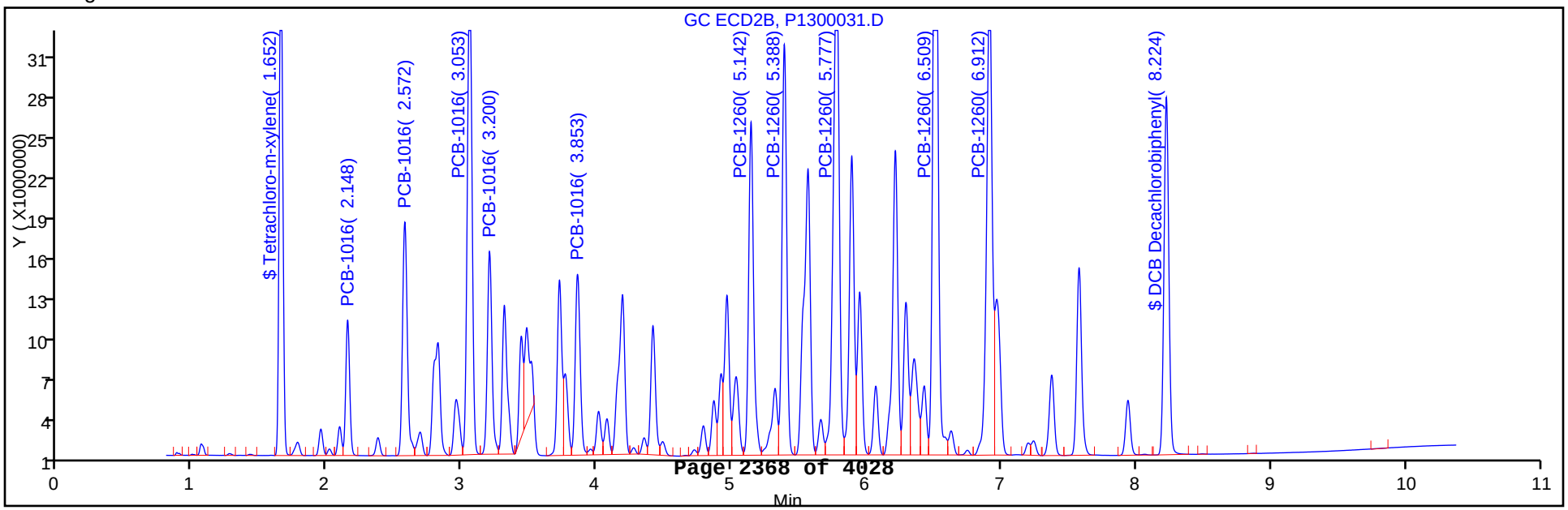
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

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:	

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

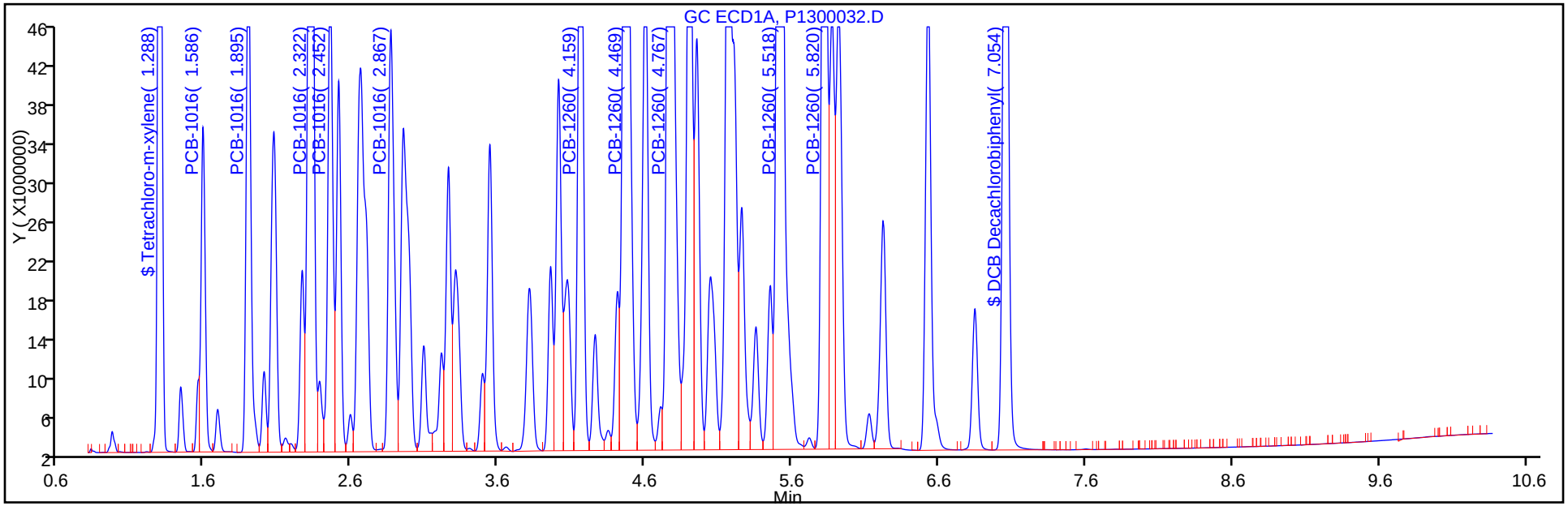
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

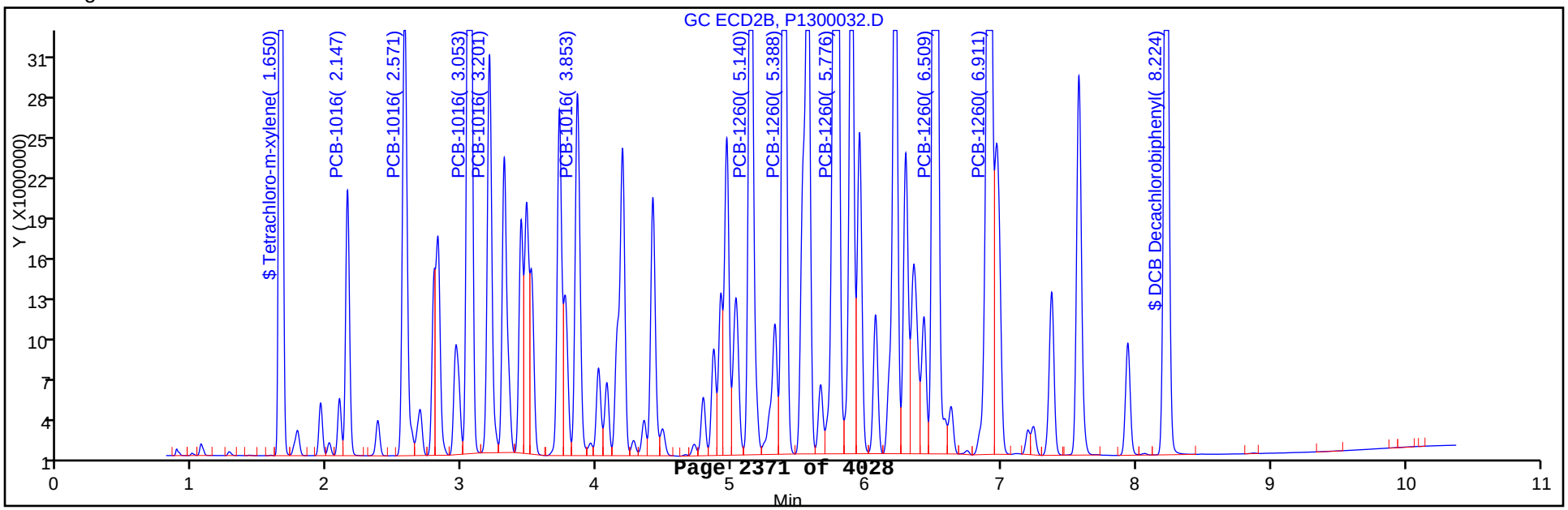
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

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:	

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.: 240-17422-1

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.: 240-17422-1

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

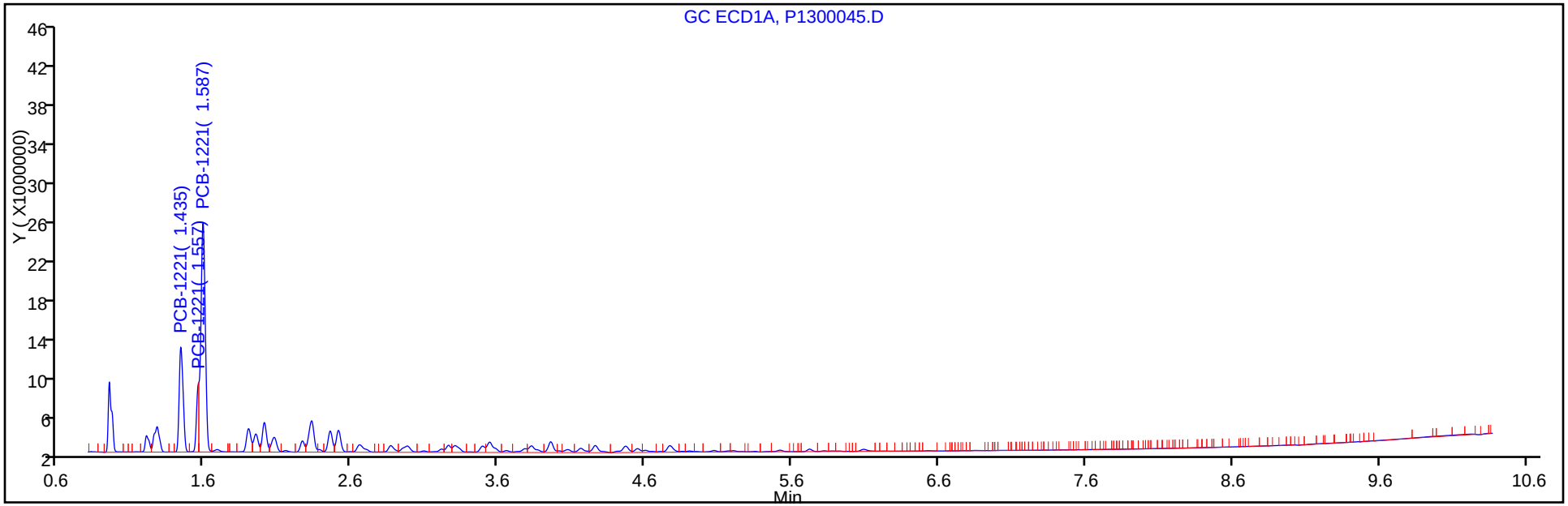
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

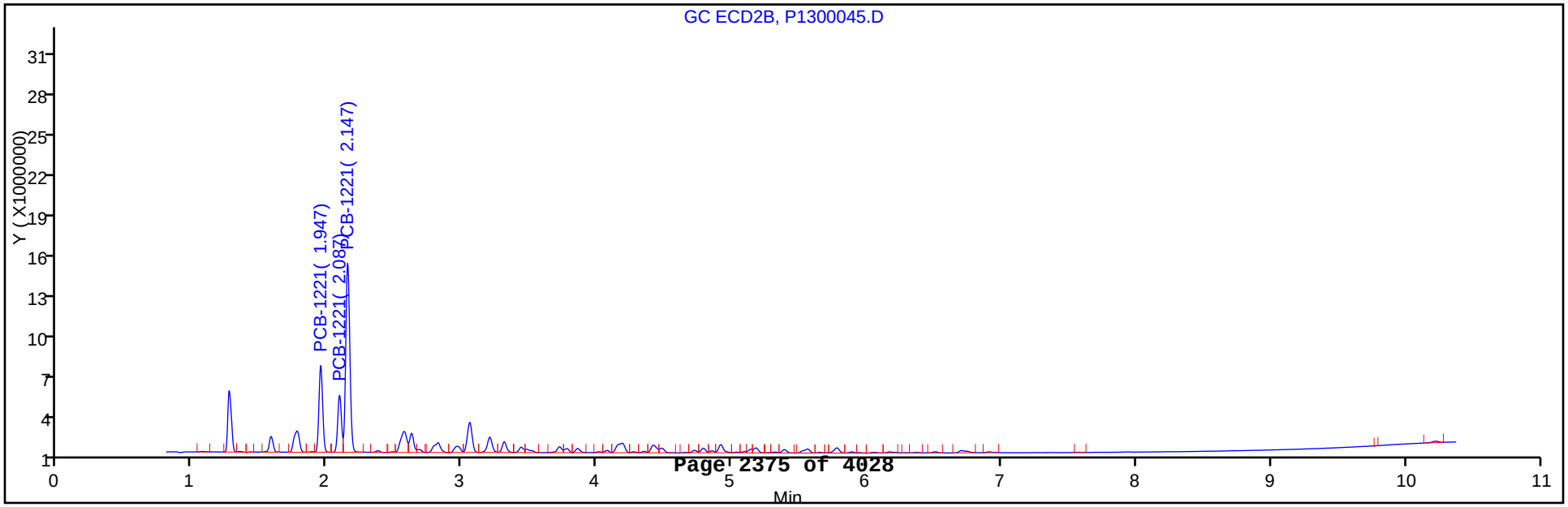
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

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



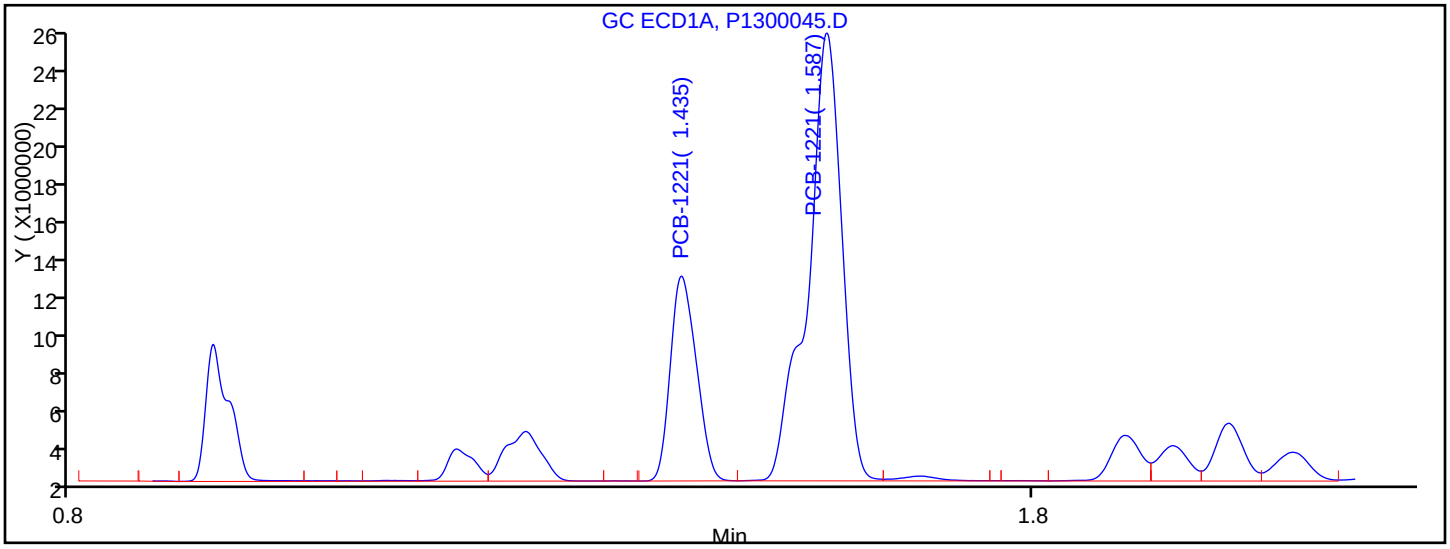
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

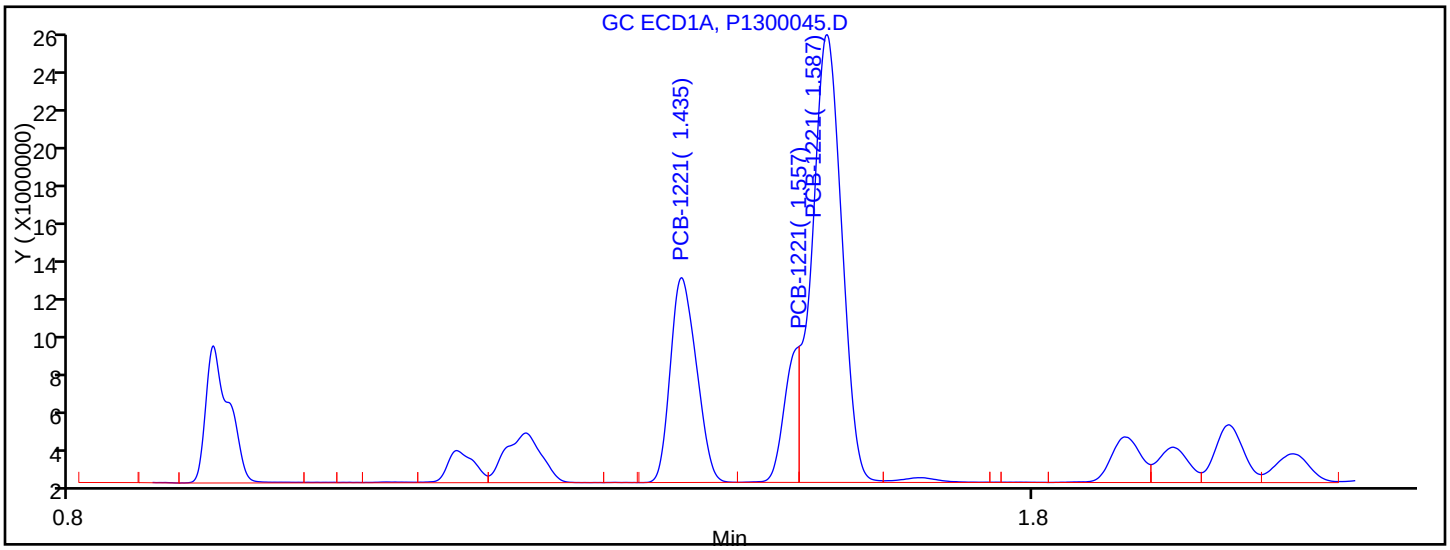
Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1

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.: 240-17422-1

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

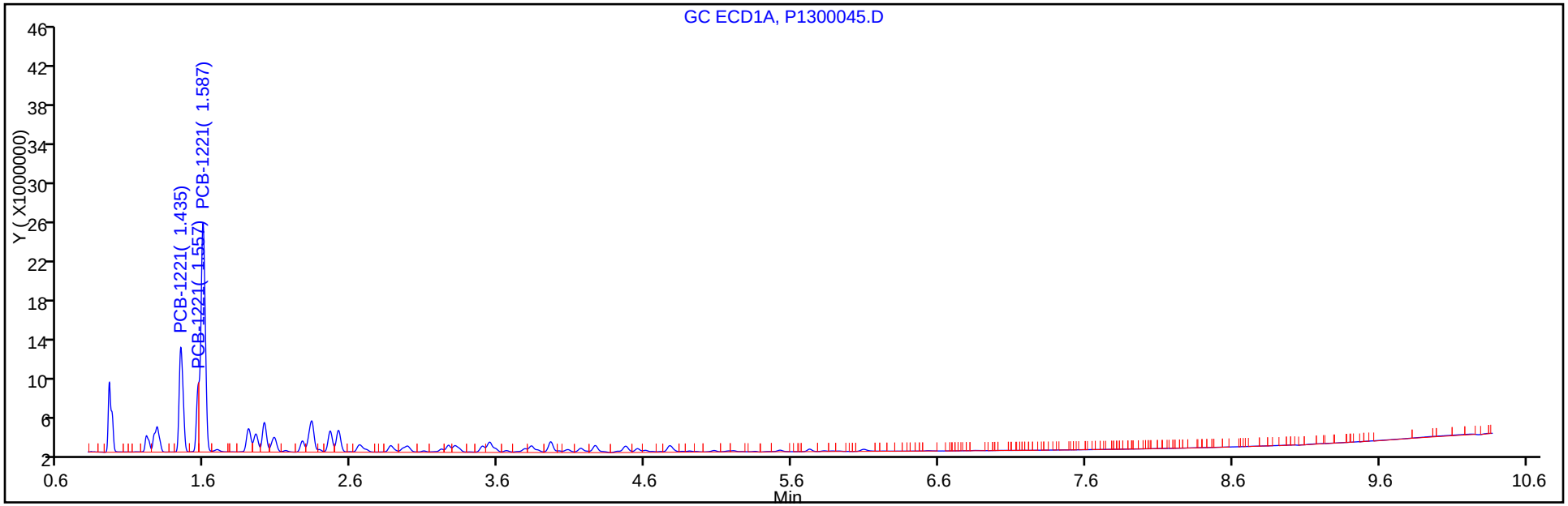
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

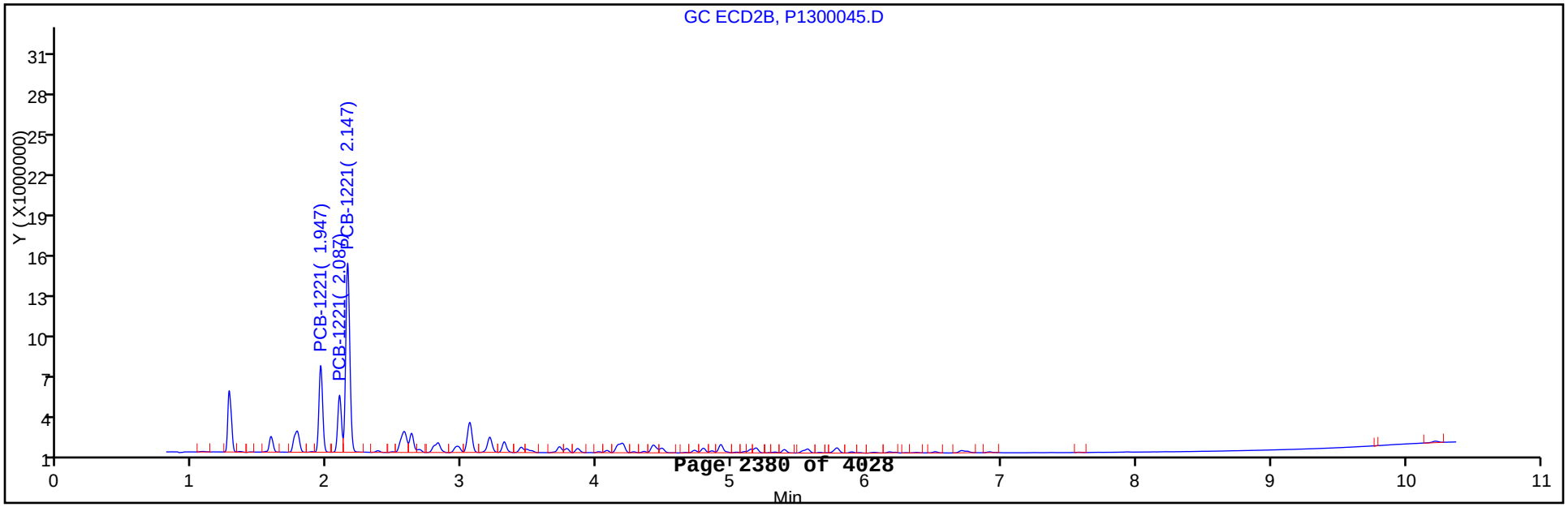
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

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.: 240-17422-1

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.: 240-17422-1

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

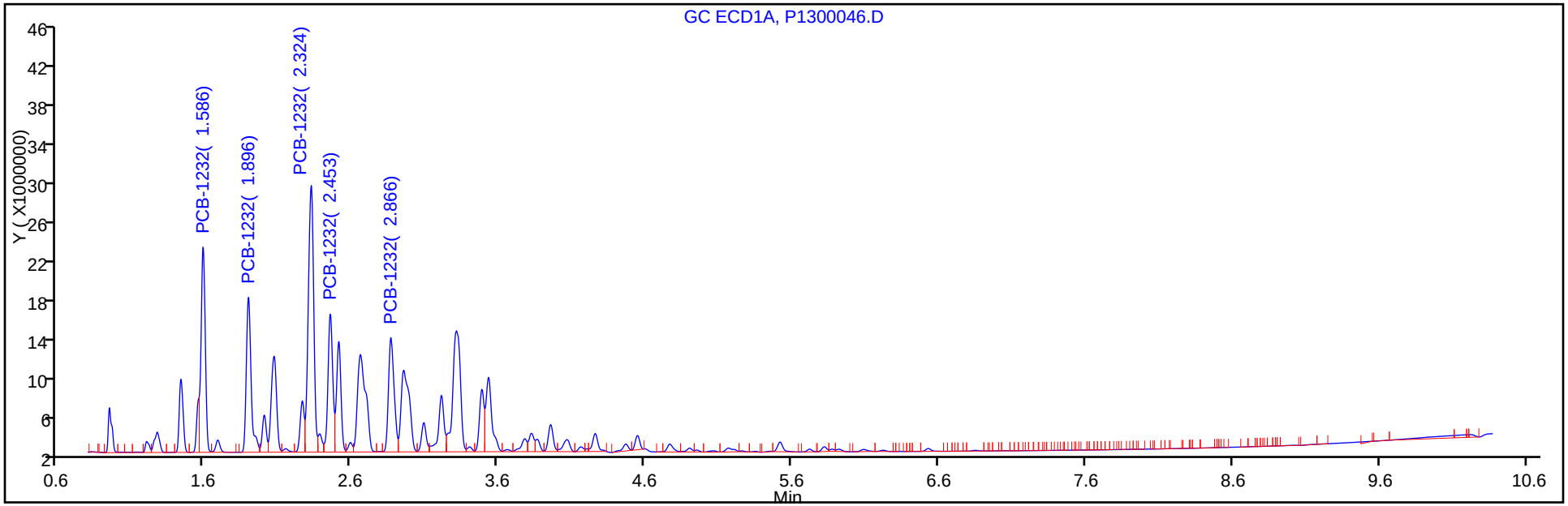
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

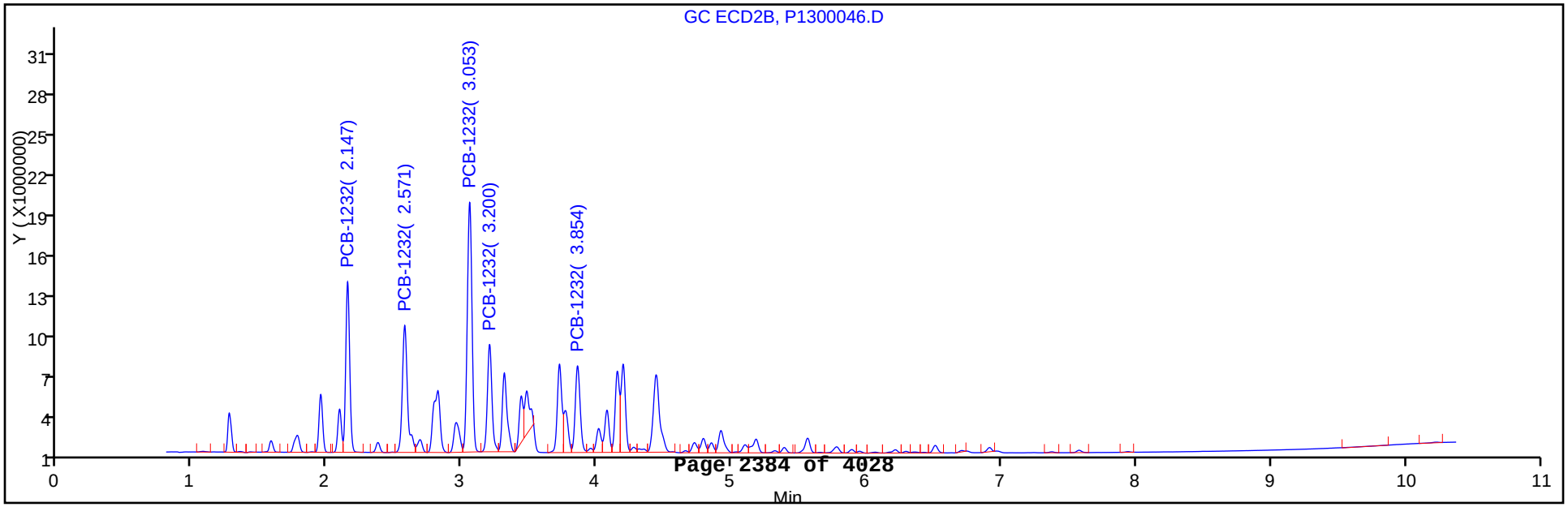
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

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



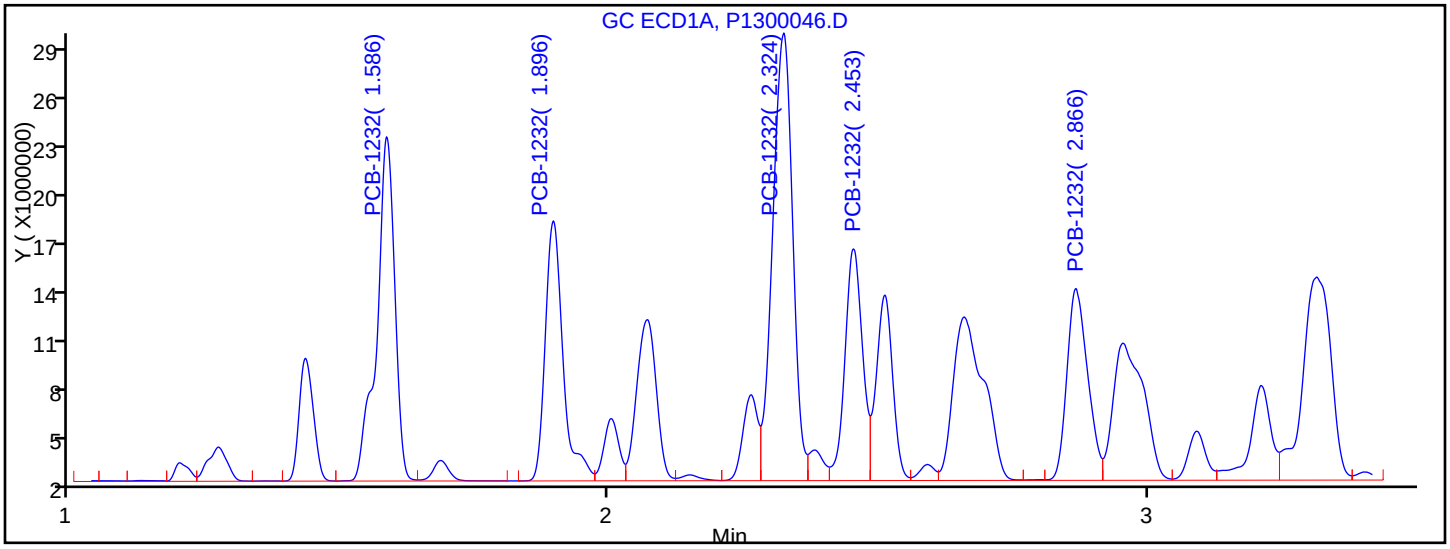
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

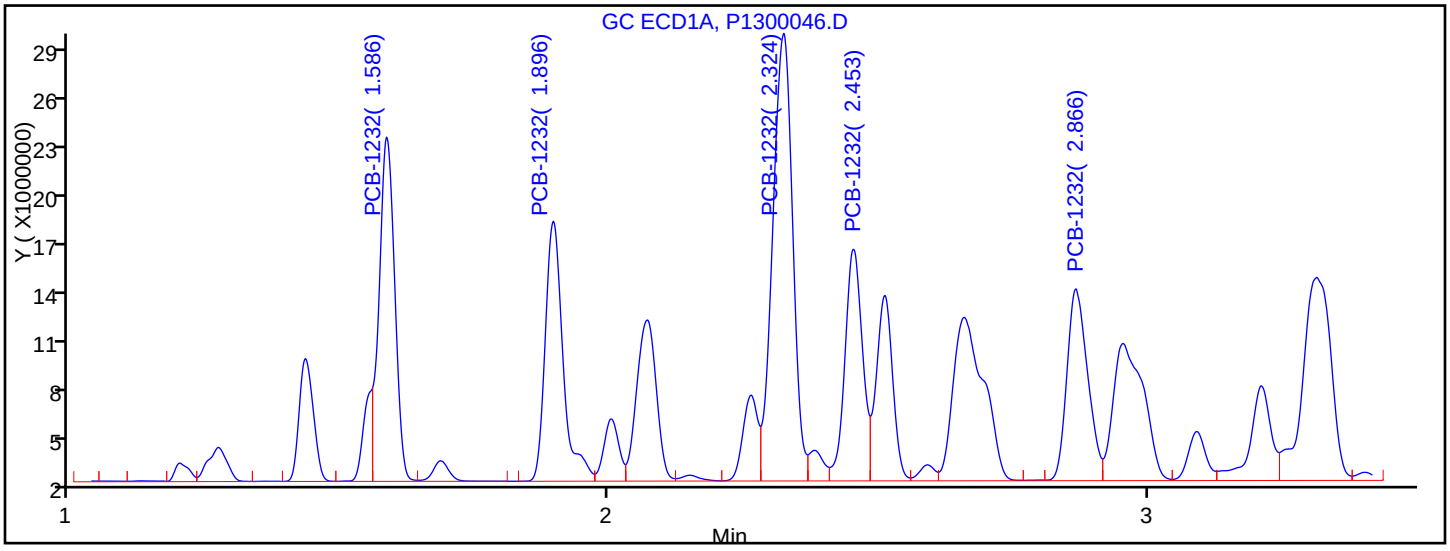
Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1

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.: 240-17422-1

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

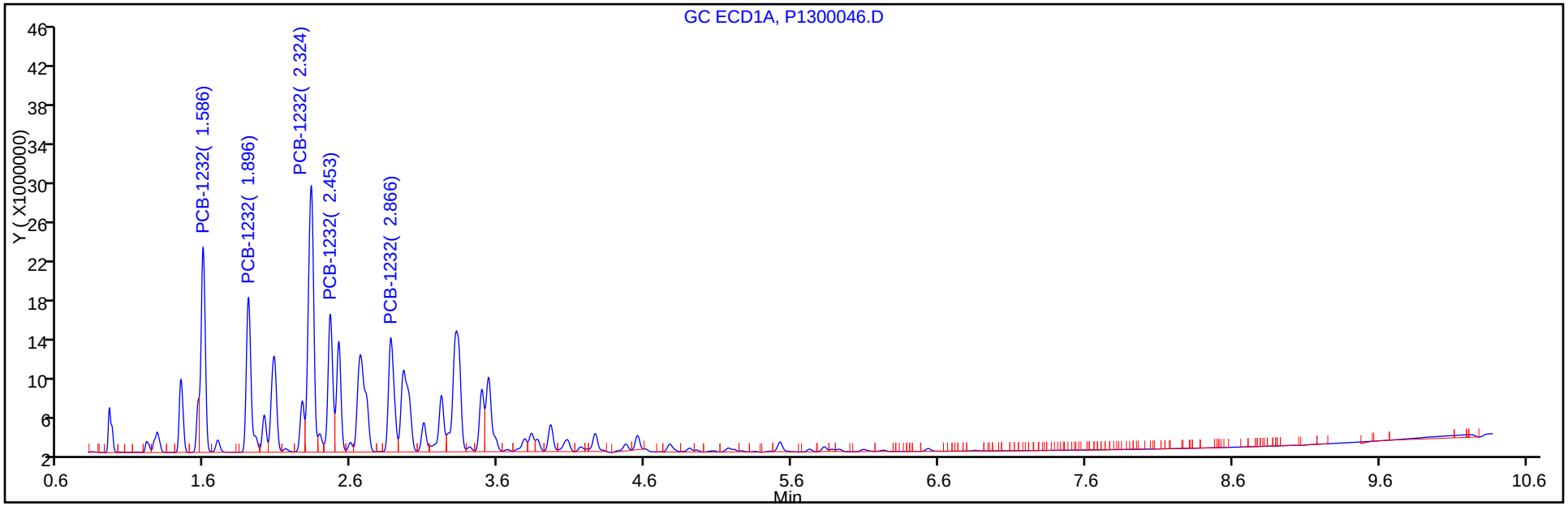
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

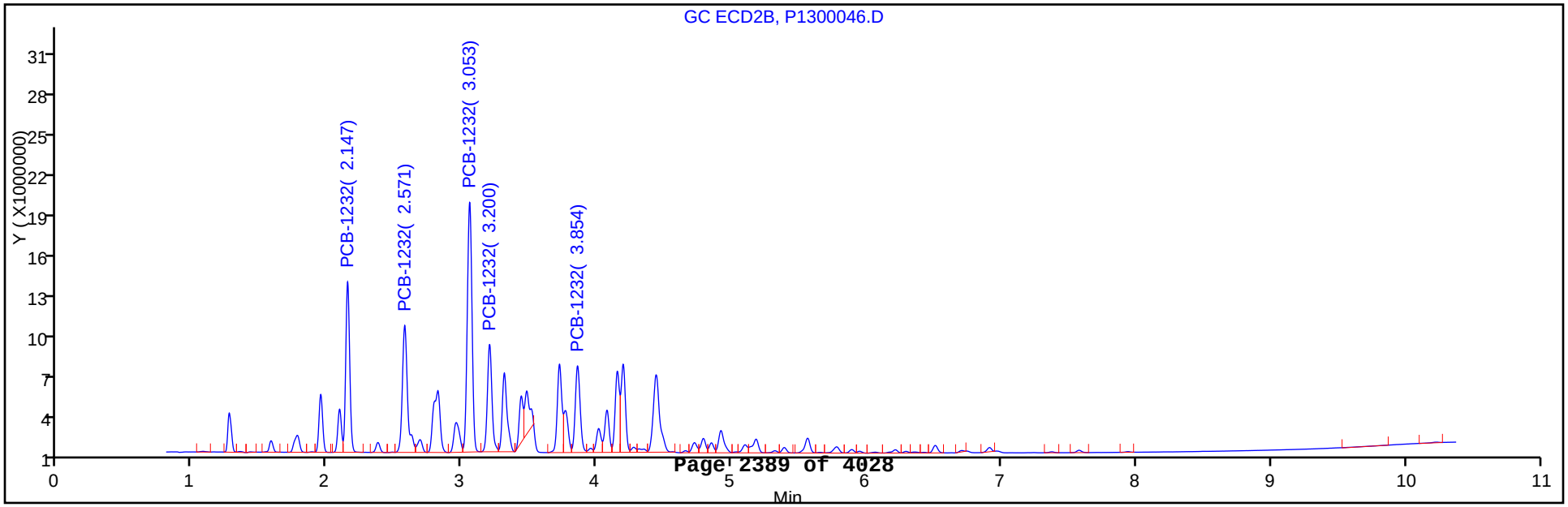
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

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.: 240-17422-1

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.: 240-17422-1

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

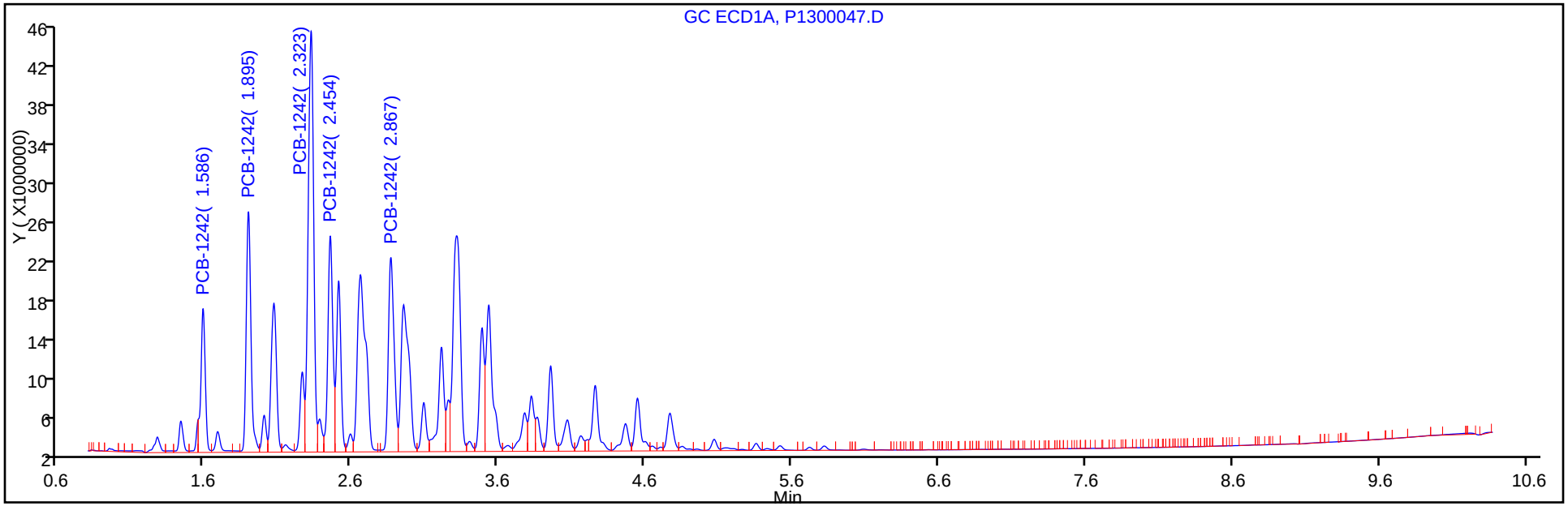
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

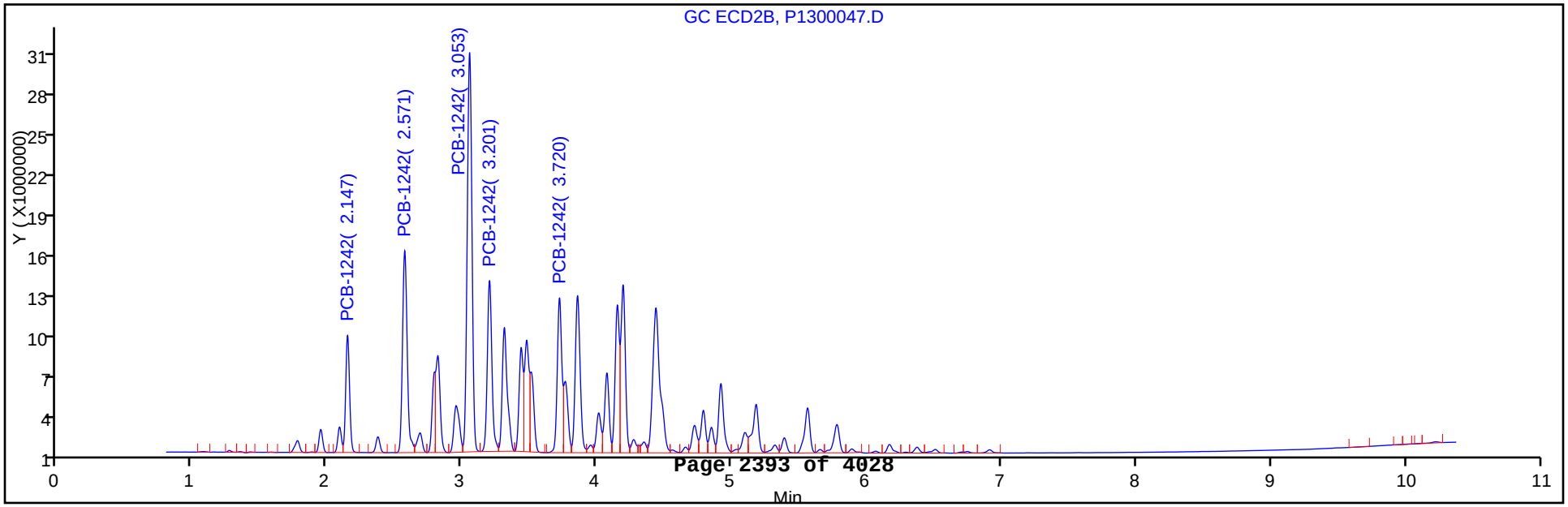
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

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



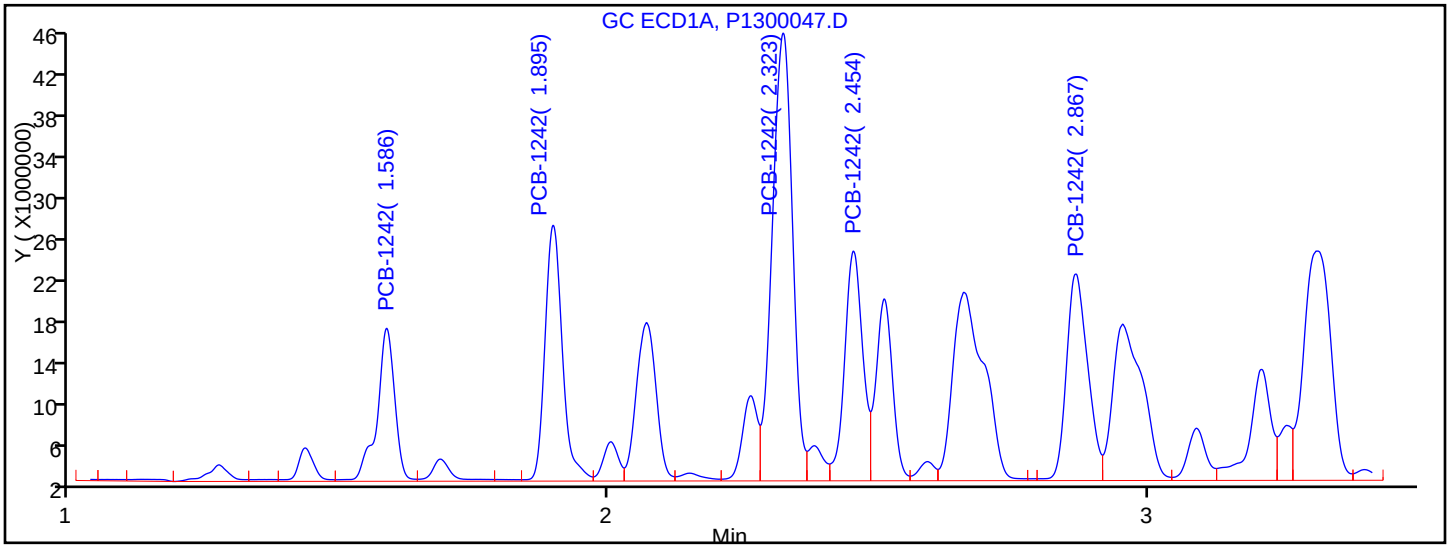
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

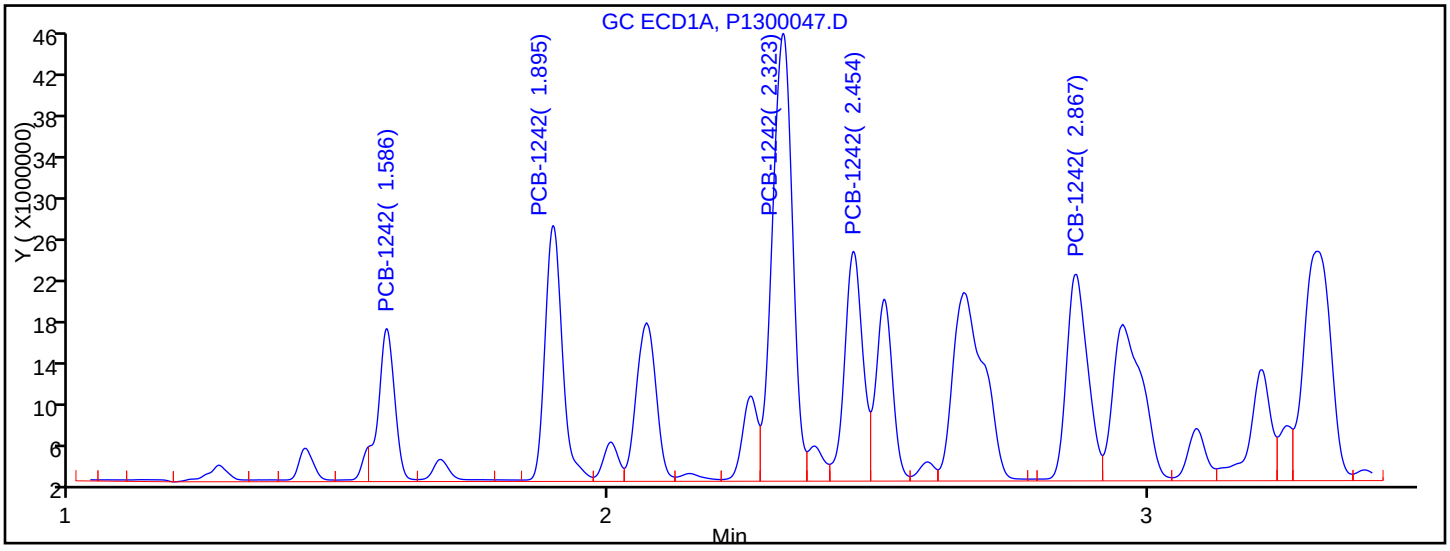
Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1

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.: 240-17422-1

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

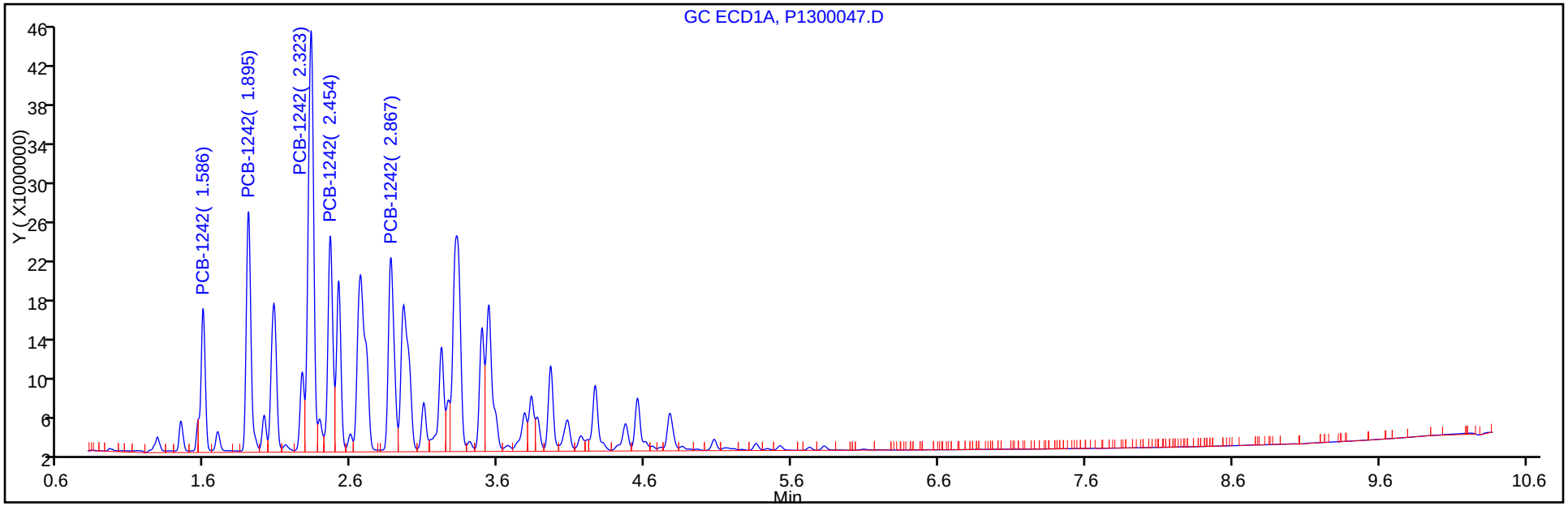
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

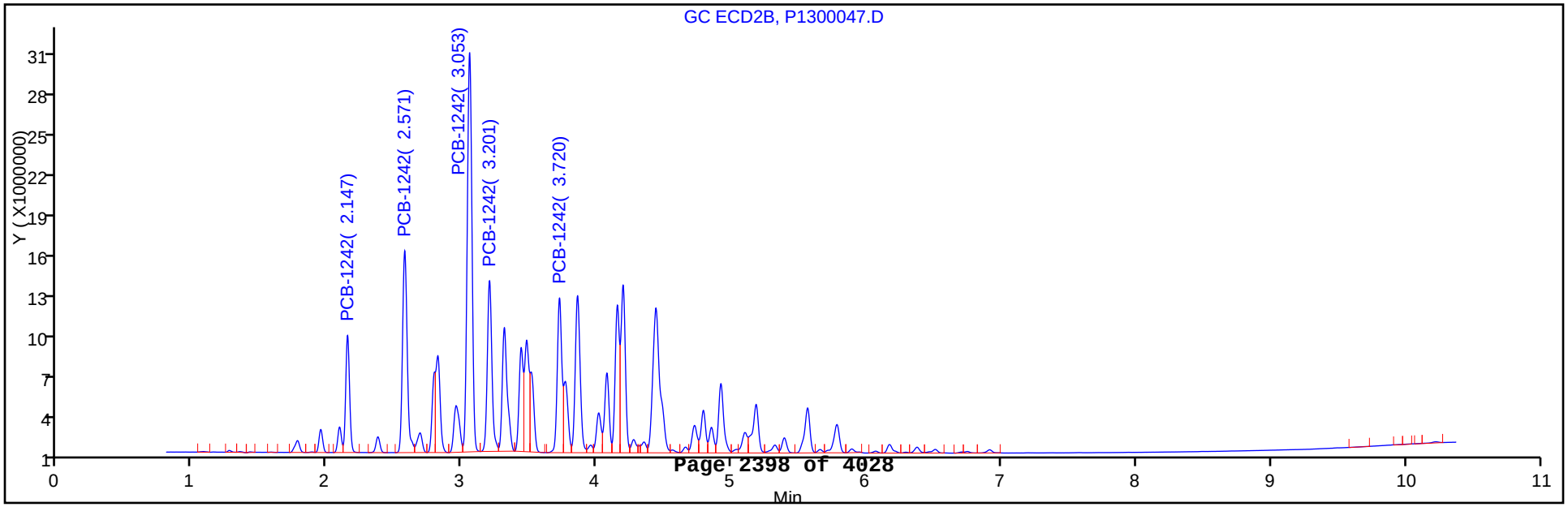
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

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.: 240-17422-1

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.: 240-17422-1

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			

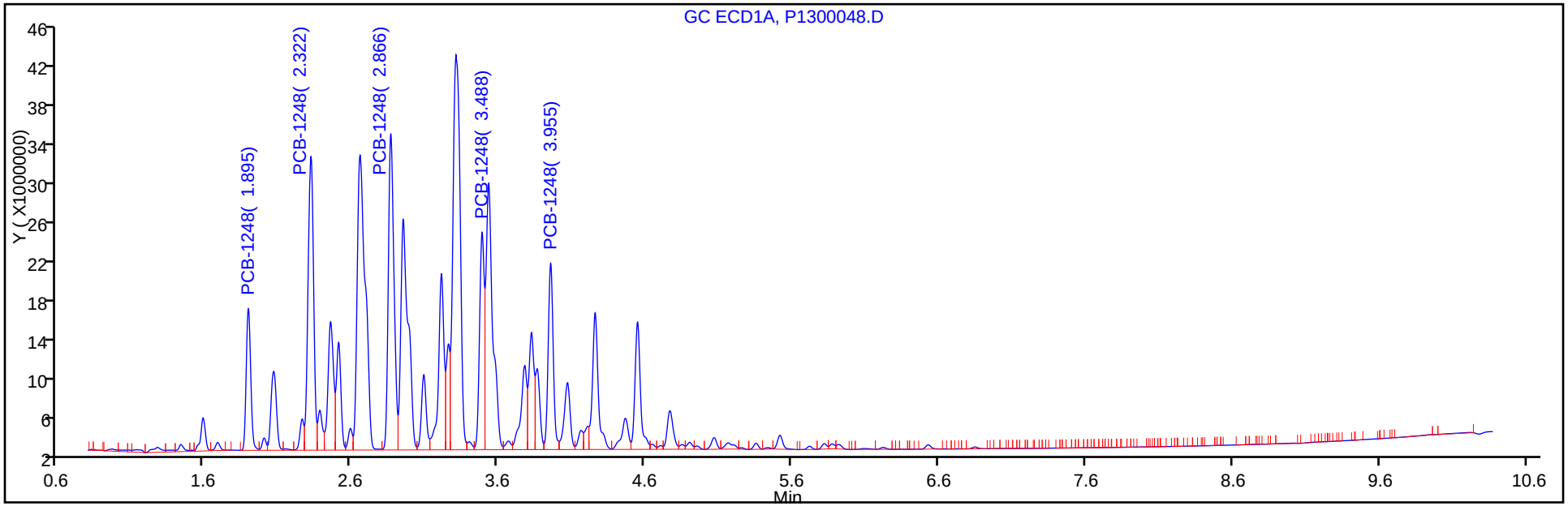
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

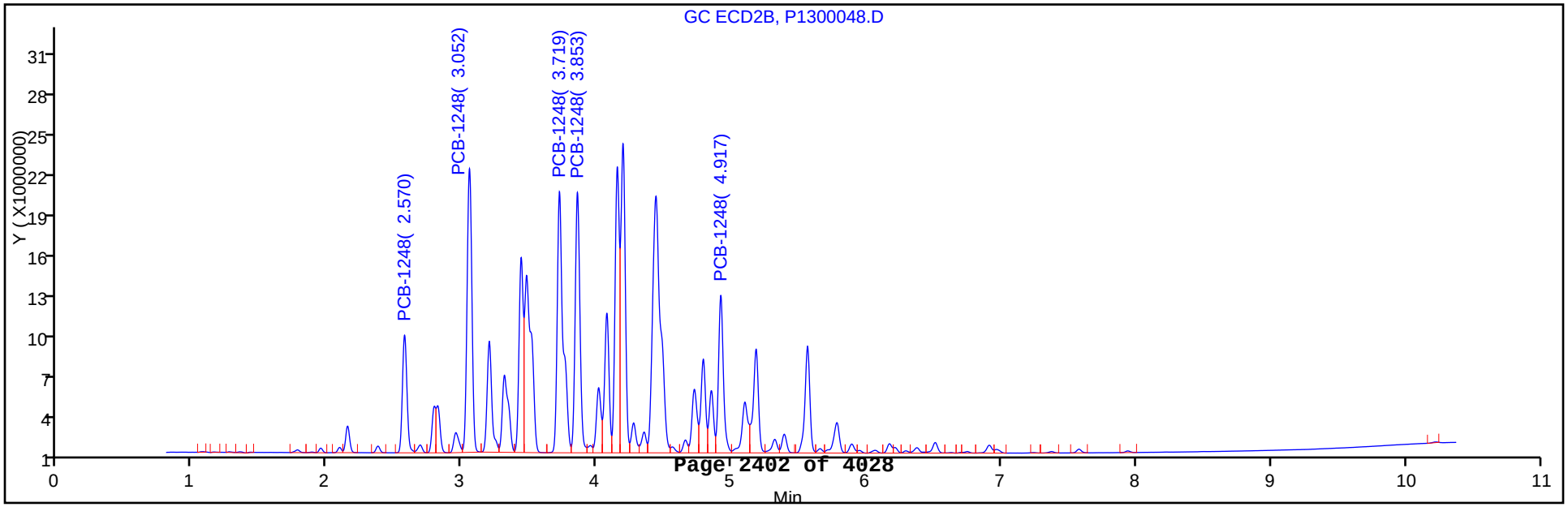
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

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.: 240-17422-1

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.: 240-17422-1

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			

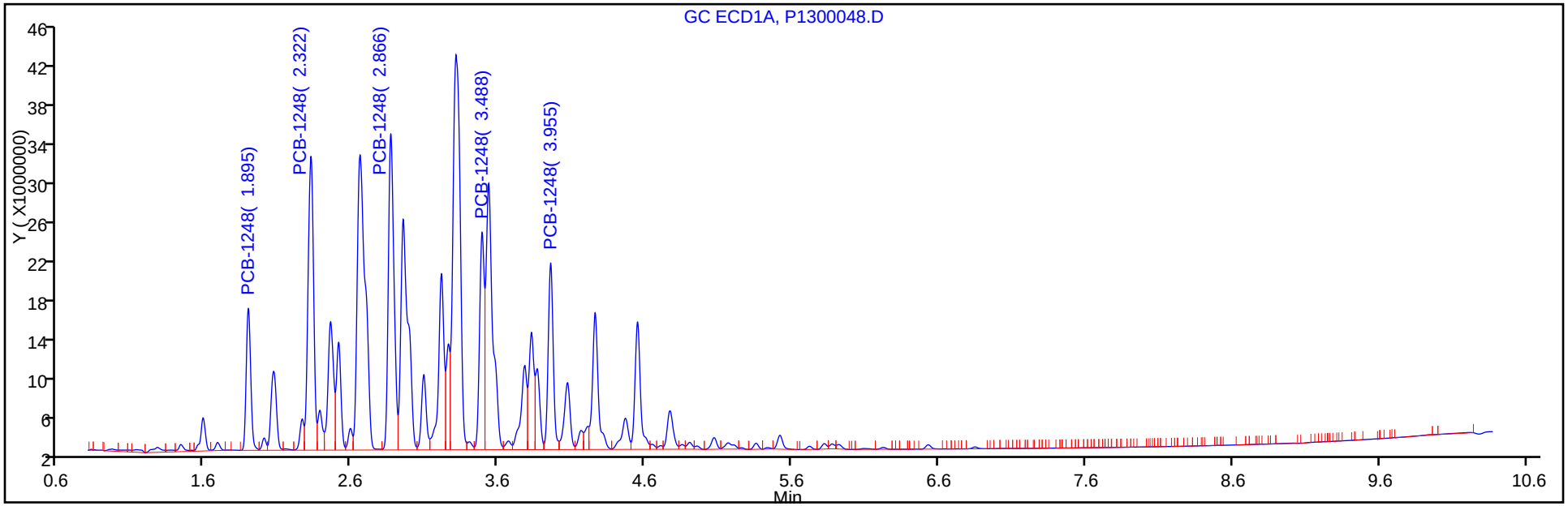
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

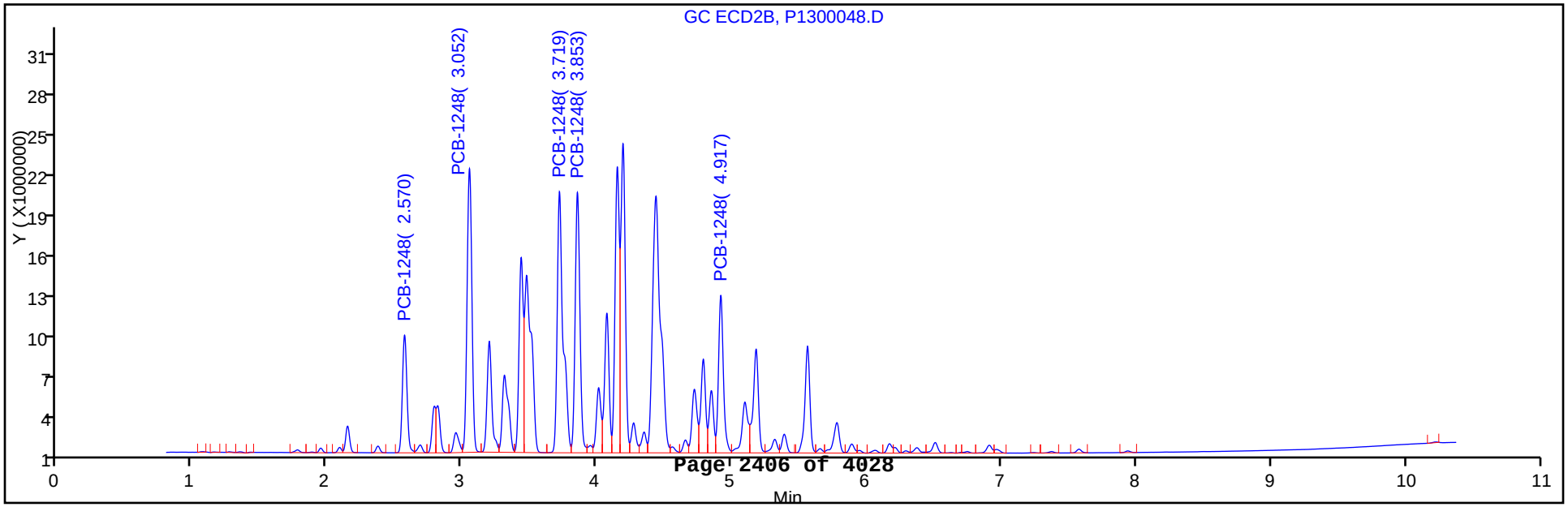
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

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.: 240-17422-1

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.: 240-17422-1

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			

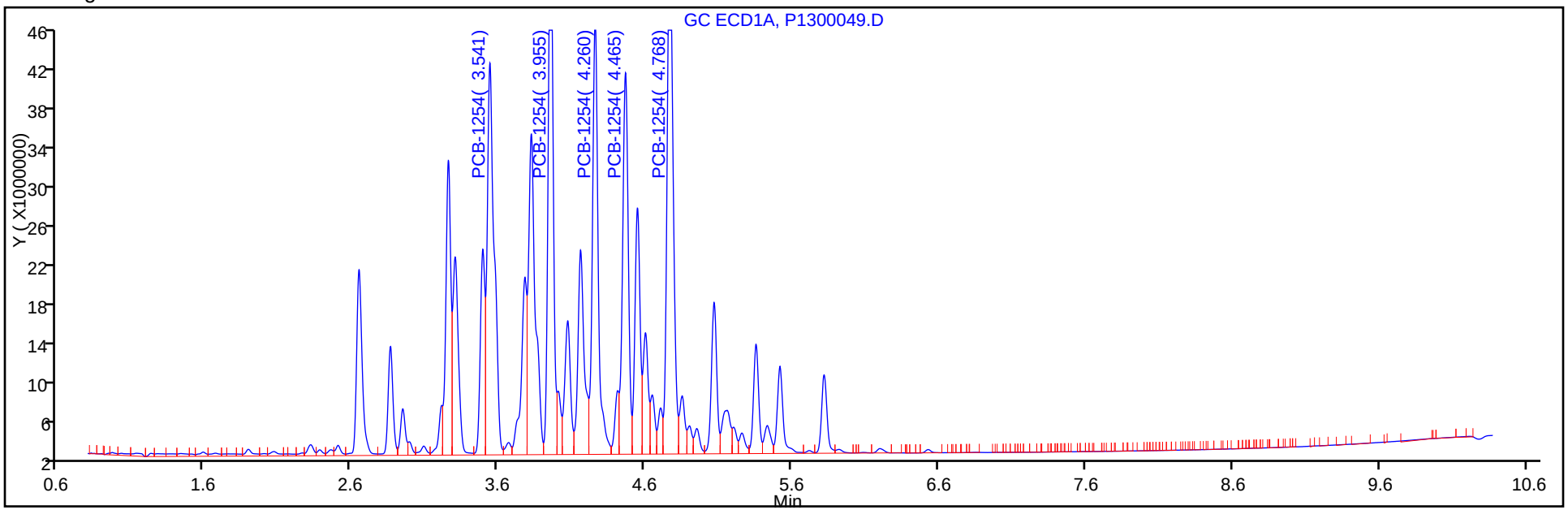
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

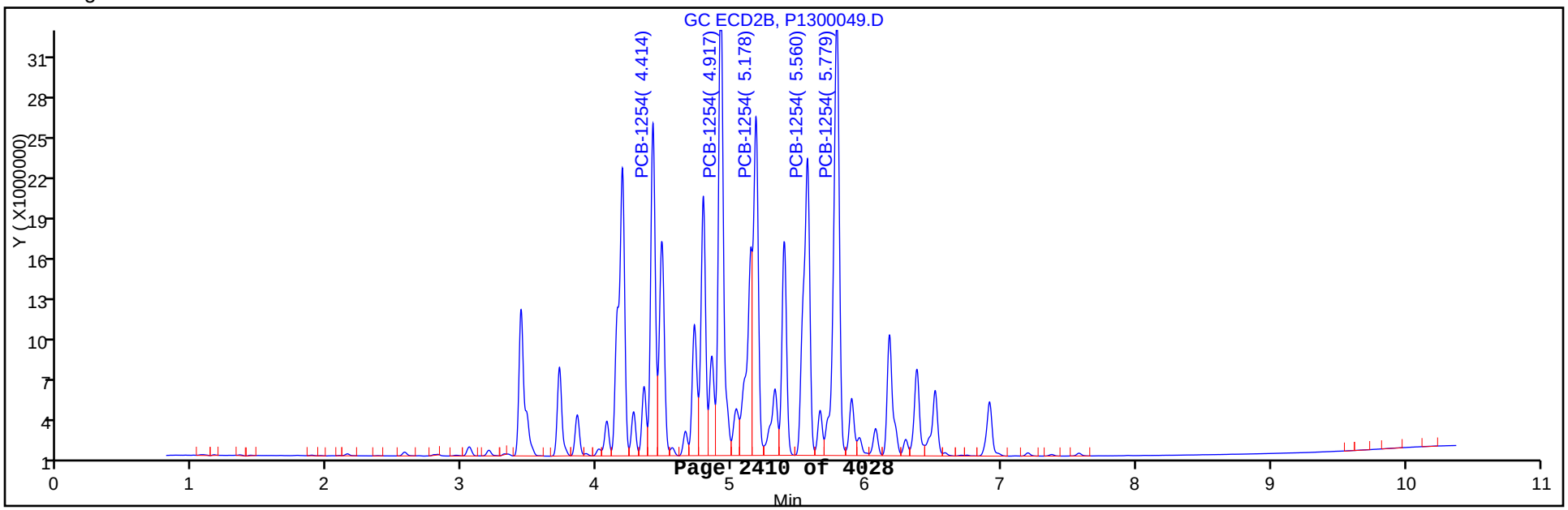
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

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.: 240-17422-1

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.: 240-17422-1

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			

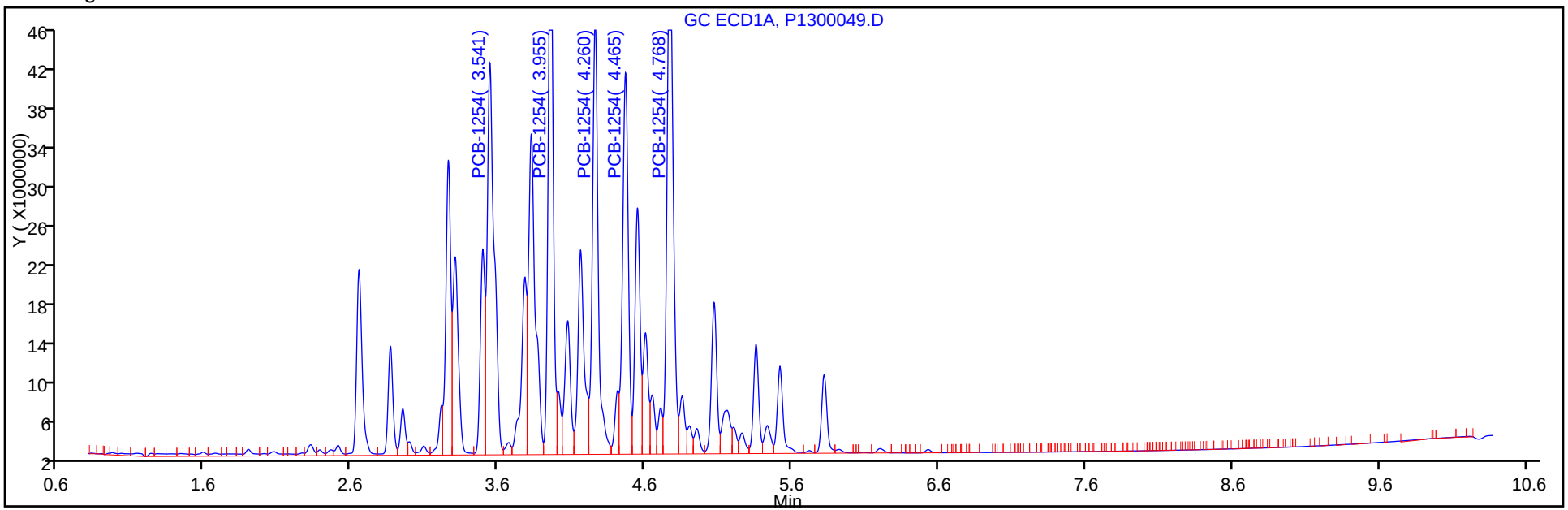
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

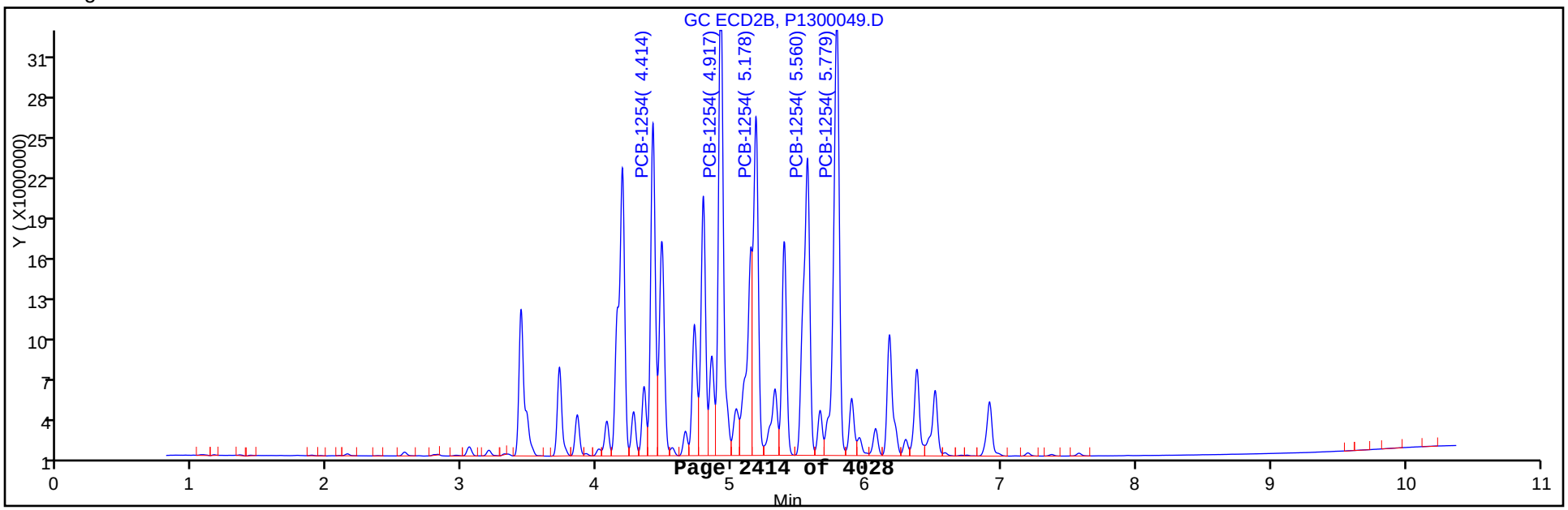
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

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.: 240-17422-1

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.: 240-17422-1

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

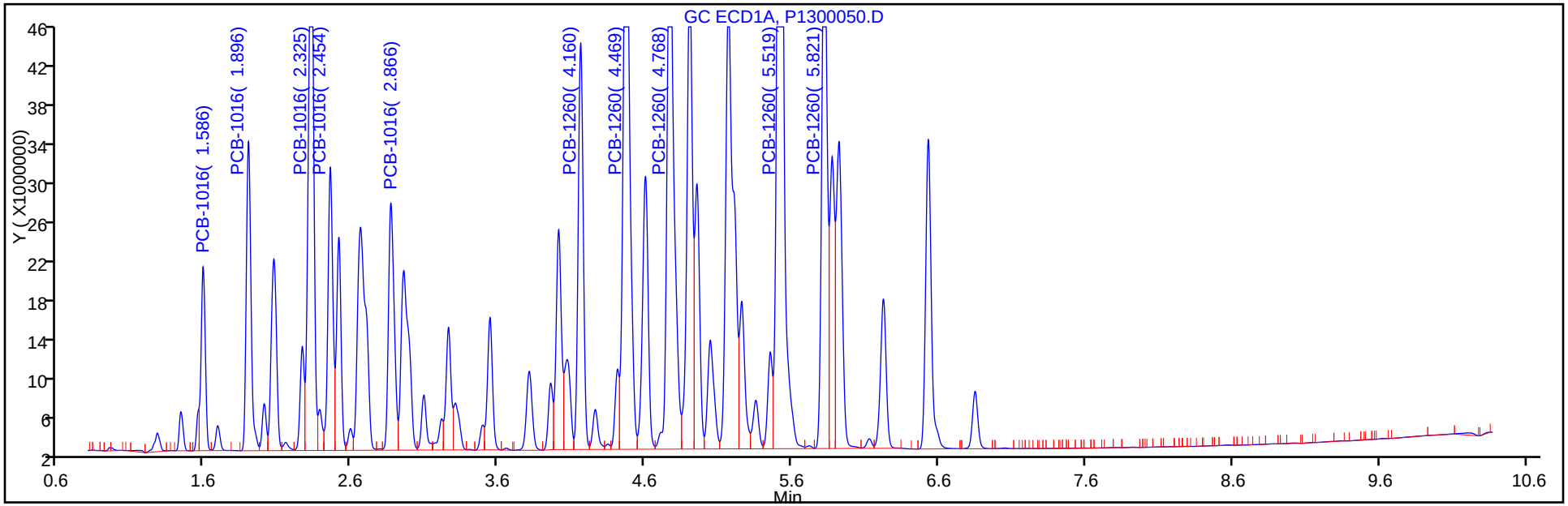
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

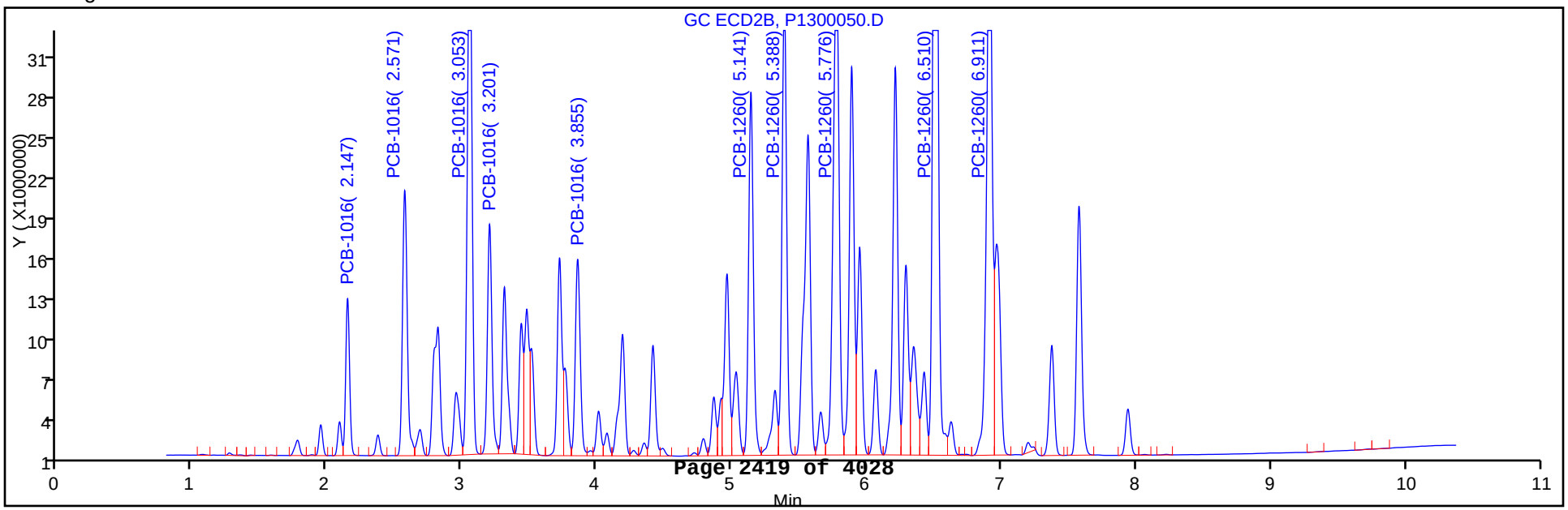
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

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



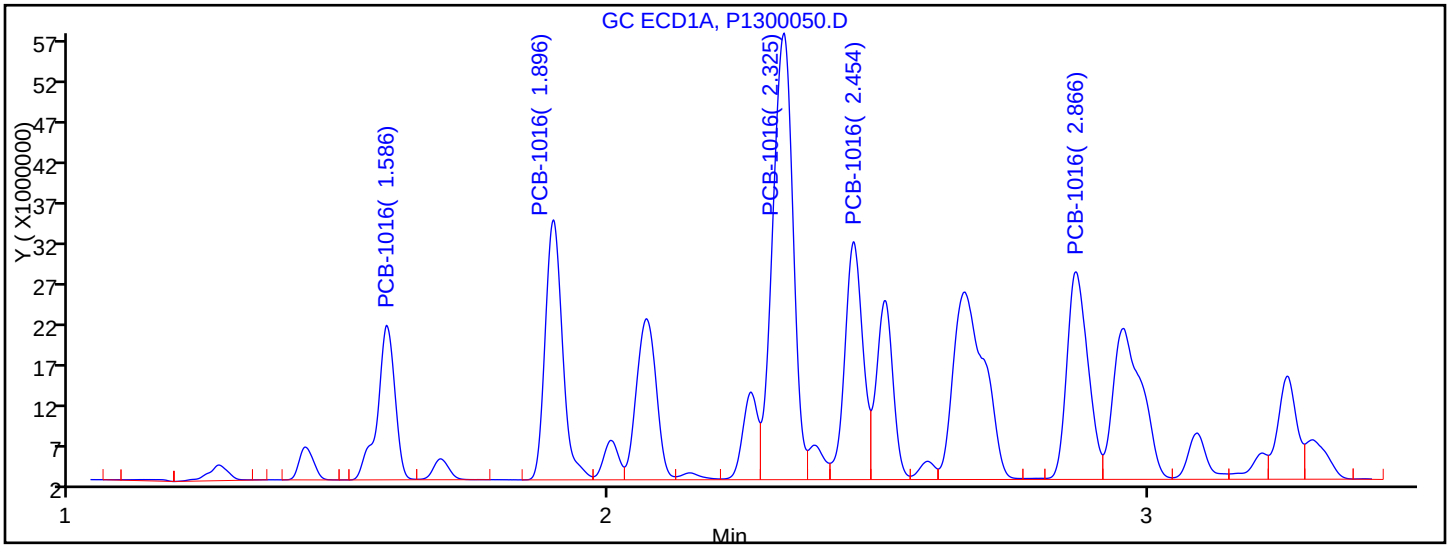
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

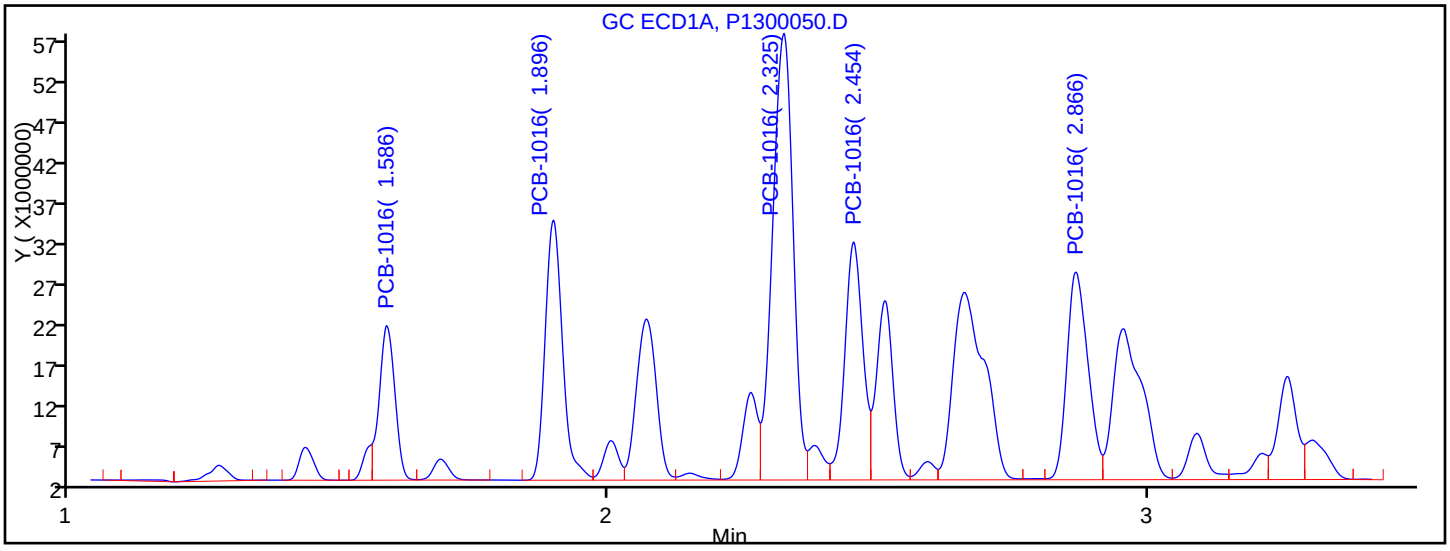
Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-17422-1

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.: 240-17422-1

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

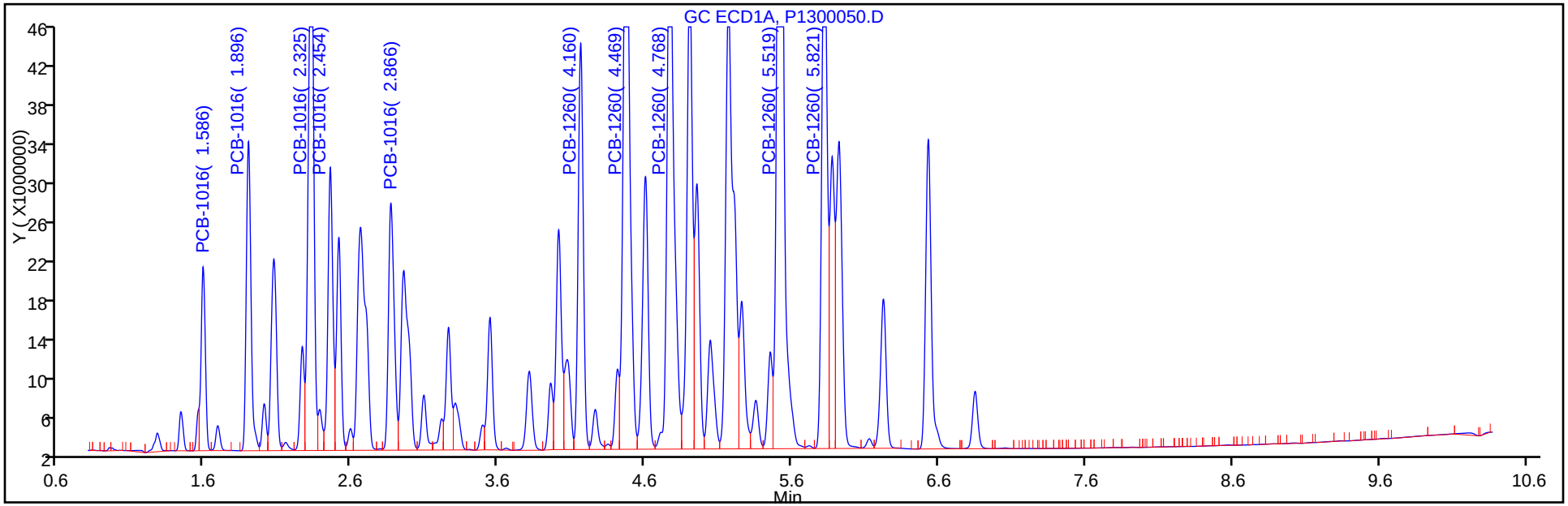
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

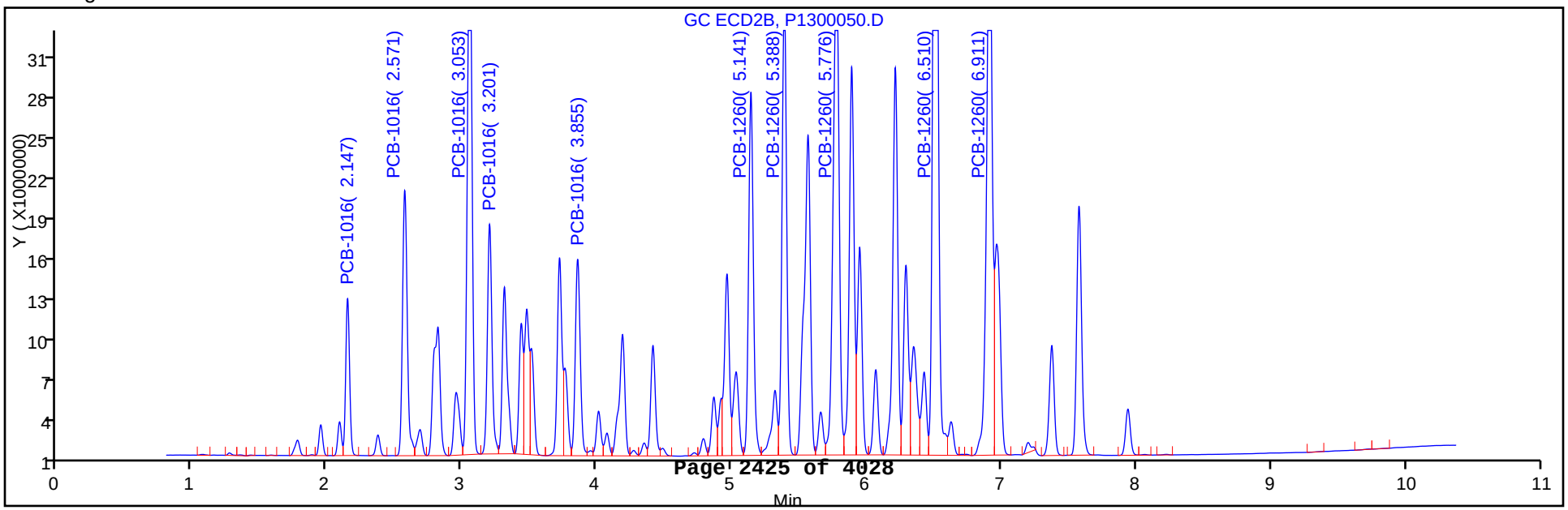
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

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:	

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.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65363/3 Calibration Date: 11/18/2012 14:13

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: P1300003.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	38127422		0.469	0.500	-6.2	20.0
PCB-1016 Peak 2	Ave	71876982	69221566		0.482	0.500	-3.7	20.0
PCB-1016 Peak 3	Ave	155218061	144647110		0.466	0.500	-6.8	20.0
PCB-1016 Peak 4	Ave	64472512	62421724		0.484	0.500	-3.2	20.0
PCB-1016 Peak 5	Ave	67849134	66583336		0.491	0.500	-1.9	20.0
PCB-1260 Peak 1	Ave	101355640	101388368		0.500	0.500	0.0	20.0
PCB-1260 Peak 2	Ave	200632590	199241922		0.497	0.500	-0.7	20.0
PCB-1260 Peak 3	Ave	200043209	199027766		0.497	0.500	-0.5	20.0
PCB-1260 Peak 4	Ave	271809958	283311878		0.521	0.500	4.2	20.0
PCB-1260 Peak 5	Ave	129152153	127733904		0.495	0.500	-1.1	20.0
Tetrachloro-m-xylene	Ave	2282867563	2251505400		0.0247	0.0250	-1.4	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2706306400		0.0290	0.0250	15.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65363/3 Calibration Date: 11/18/2012 14:13

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: P1300003.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	4.77	4.72	4.82
PCB-1260 Peak 4	5.52	5.47	5.57
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300003.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	18-Nov-2012 14:13:44	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015025-003		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	3
Lims Batch ID:	65363	Lims Sample ID:	3
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:54	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:03:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.294	0.000	56287635	0.0247			
2	2	1.650	1.650	0.000	36755387	0.0256			
						RPD = 3.66			
6 PCB-1016									M
1	100	1.593	1.593	0.000	19063711	0.4689		100.0	M
1	2	1.901	1.901	0.000	34610783	0.4815	149.3- 199.3	181.6	
1	3	2.328	2.328	0.000	72323555	0.4659	350.2- 400.2	379.4	
1	4	2.459	2.459	0.000	31210862	0.4841	130.7- 180.7	163.7	
1	5	2.871	2.871	0.000	33291668	0.4907	137.9- 187.9	174.6	
			Average of Peak Amounts =			0.4782			
2	6	2.146	2.146	0.000	10626795	0.4729		100.0	
2	7	2.569	2.569	0.000	22495107	0.4795	176.5- 236.5	211.7	
2	8	3.052	3.052	0.000	43873416	0.4829	362.5- 422.5	412.9	
2	9	3.199	3.199	0.000	18829715	0.4863	137.9- 197.9	177.2	
2	10	3.852	3.852	0.000	17962000	0.4980	118.8- 178.8	169.0	
			Average of Peak Amounts =			0.4839			
						RPD = 1.18			

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	50694184	0.5002		100.0	
1	2	4.476	4.476	0.000	99620961	0.4965	175.1- 225.1	196.5	
1	3	4.774	4.774	0.000	99513883	0.4975	173.2- 223.2	196.3	
1	4	5.524	5.524	0.000	141655939	0.5212	244.1- 294.1	279.4	
1	5	5.828	5.828	0.000	63866952	0.4945	101.5- 151.5	126.0	
			Average of Peak Amounts =			0.5020			
2	6	5.136	5.136	0.000	32992848	0.4950		100.0	
2	7	5.384	5.384	0.000	38873305	0.5102	86.6- 146.6	117.8	
2	8	5.772	5.772	0.000	57903126	0.4956	142.9- 202.9	175.5	
2	9	6.504	6.504	0.000	73065327	0.5135	179.5- 239.5	221.5	
2	10	6.907	6.907	0.000	51132752	0.4910	121.8- 181.8	155.0	
			Average of Peak Amounts =			0.5011			
						RPD = 0.18			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	67657660	0.0290			
2	2	8.219	8.219	0.000	36605161	0.0272			
						RPD = 6.42			

QC Flag Legend

Review Flags
M - Manually Integrated

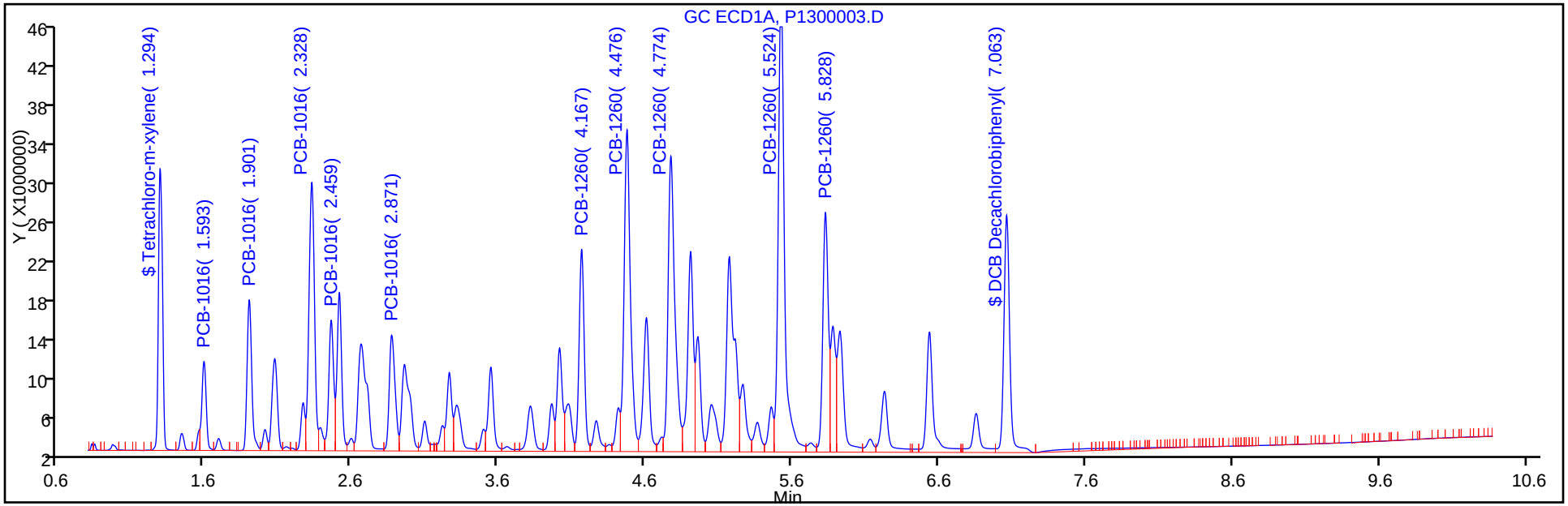
Report Date: 19-Nov-2012 11:08:54 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

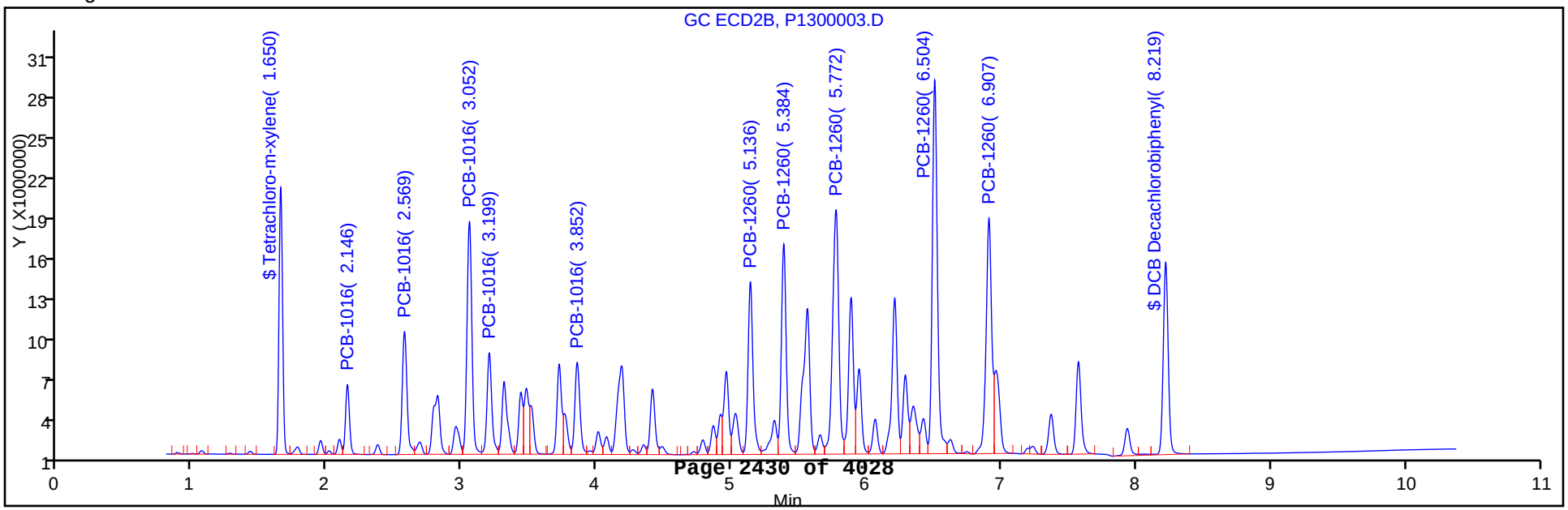
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300003.D

Injection Date:	18-Nov-2012 14:13:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



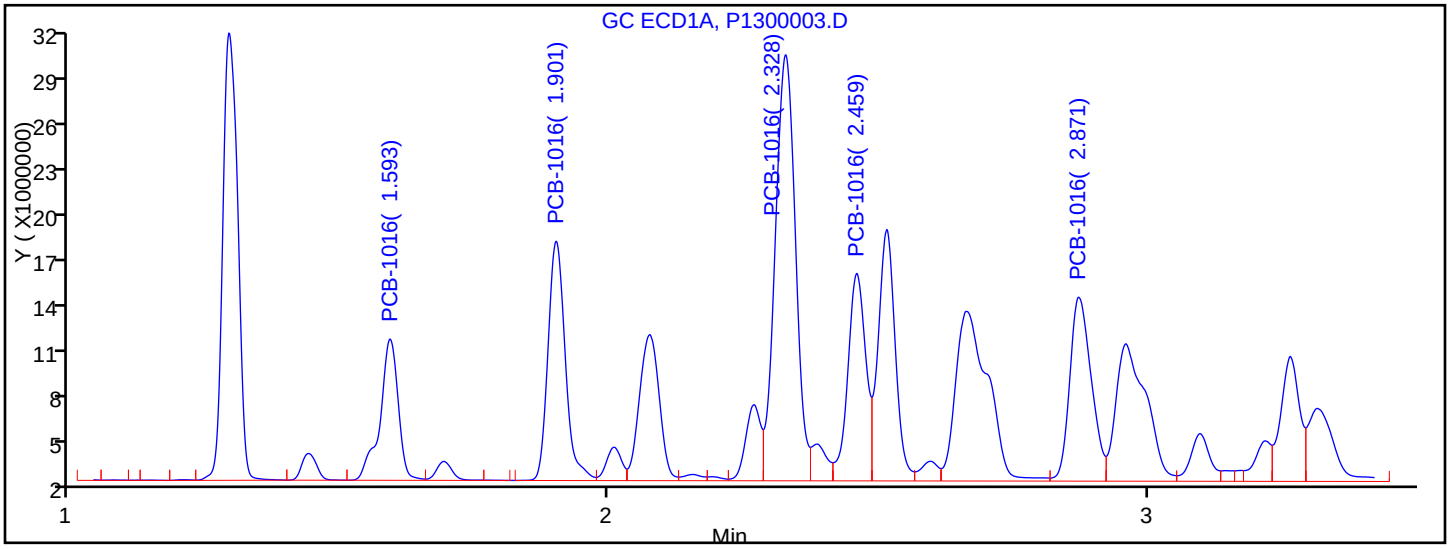
Report Date: 19-Nov-2012 11:08:54 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300003.D

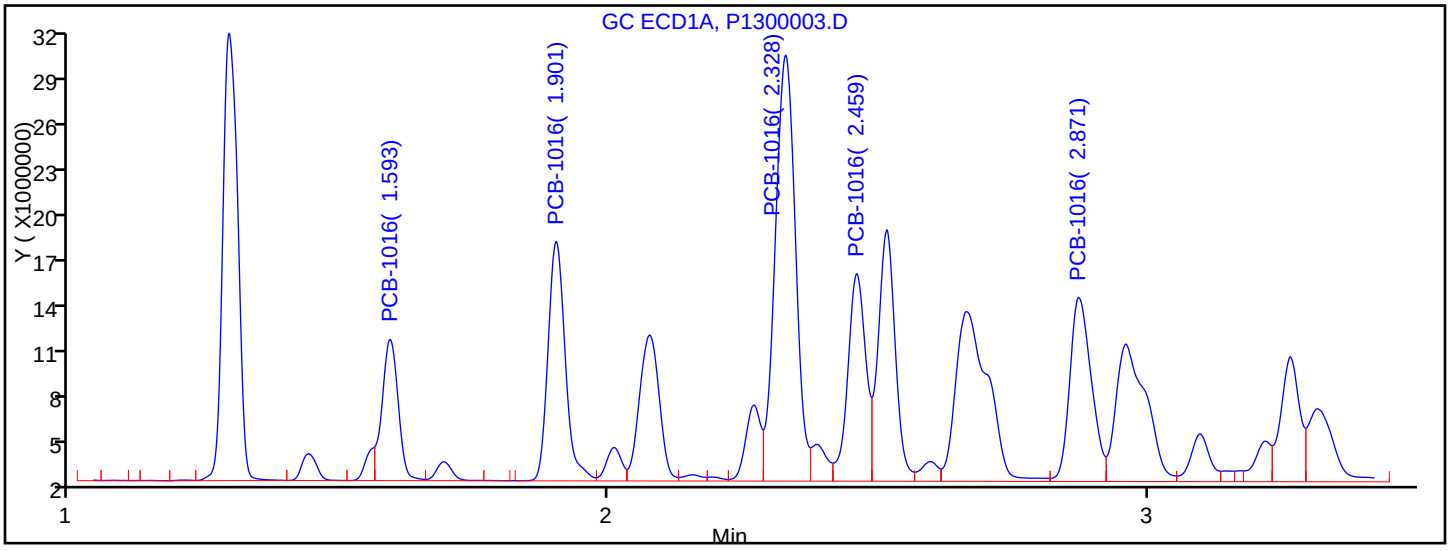
Injection Date:	18-Nov-2012 14:13:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.593	Response = 21528469	M
RT = 1.901	Response = 34610783	
RT = 2.328	Response = 72323555	
RT = 2.459	Response = 31210862	
RT = 2.871	Response = 33291668	



Manual Integration Results

RT = 1.593	Response = 19063711	M
RT = 1.901	Response = 34610783	
RT = 2.328	Response = 72323555	
RT = 2.459	Response = 31210862	
RT = 2.871	Response = 33291668	

Reviewer: hassl, 19-Nov-2012 11:03:35

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65363/3 Calibration Date: 11/18/2012 14:13

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: P1300003.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	21253590		0.473	0.500	-5.4	20.0
PCB-1016 Peak 2	Ave	46910344	44990214		0.480	0.500	-4.1	20.0
PCB-1016 Peak 3	Ave	90857261	87746832		0.483	0.500	-3.4	20.0
PCB-1016 Peak 4	Ave	38716589	37659430		0.486	0.500	-2.7	20.0
PCB-1016 Peak 5	Ave	36067525	35924000		0.498	0.500	-0.4	20.0
PCB-1260 Peak 1	Ave	66648717	65985696		0.495	0.500	-1.0	20.0
PCB-1260 Peak 2	Lin1		77746610		0.510	0.500	2.0	20.0
PCB-1260 Peak 3	Ave	116834929	115806252		0.496	0.500	-0.9	20.0
PCB-1260 Peak 4	Ave	142290611	146130654		0.513	0.500	2.7	20.0
PCB-1260 Peak 5	Ave	104134113	102265504		0.491	0.500	-1.8	20.0
Tetrachloro-m-xylene	Ave	1437051097	1470215480		0.0256	0.0250	2.3	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1464206440		0.0272	0.0250	8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65363/3 Calibration Date: 11/18/2012 14:13

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: P1300003.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\20121116-15025.b\P1300003.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	18-Nov-2012 14:13:44	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015025-003		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	3
Lims Batch ID:	65363	Lims Sample ID:	3
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:54	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:03:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.294	0.000	56287635	0.0247			
2	2	1.650	1.650	0.000	36755387	0.0256			
						RPD = 3.66			
6 PCB-1016									M
1	100	1.593	1.593	0.000	19063711	0.4689		100.0	M
1	2	1.901	1.901	0.000	34610783	0.4815	149.3- 199.3	181.6	
1	3	2.328	2.328	0.000	72323555	0.4659	350.2- 400.2	379.4	
1	4	2.459	2.459	0.000	31210862	0.4841	130.7- 180.7	163.7	
1	5	2.871	2.871	0.000	33291668	0.4907	137.9- 187.9	174.6	
			Average of Peak Amounts =			0.4782			
2	6	2.146	2.146	0.000	10626795	0.4729		100.0	
2	7	2.569	2.569	0.000	22495107	0.4795	176.5- 236.5	211.7	
2	8	3.052	3.052	0.000	43873416	0.4829	362.5- 422.5	412.9	
2	9	3.199	3.199	0.000	18829715	0.4863	137.9- 197.9	177.2	
2	10	3.852	3.852	0.000	17962000	0.4980	118.8- 178.8	169.0	
			Average of Peak Amounts =			0.4839			
						RPD = 1.18			

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	50694184	0.5002		100.0	
1	2	4.476	4.476	0.000	99620961	0.4965	175.1- 225.1	196.5	
1	3	4.774	4.774	0.000	99513883	0.4975	173.2- 223.2	196.3	
1	4	5.524	5.524	0.000	141655939	0.5212	244.1- 294.1	279.4	
1	5	5.828	5.828	0.000	63866952	0.4945	101.5- 151.5	126.0	
			Average of Peak Amounts =			0.5020			
2	6	5.136	5.136	0.000	32992848	0.4950		100.0	
2	7	5.384	5.384	0.000	38873305	0.5102	86.6- 146.6	117.8	
2	8	5.772	5.772	0.000	57903126	0.4956	142.9- 202.9	175.5	
2	9	6.504	6.504	0.000	73065327	0.5135	179.5- 239.5	221.5	
2	10	6.907	6.907	0.000	51132752	0.4910	121.8- 181.8	155.0	
			Average of Peak Amounts =			0.5011			
						RPD = 0.18			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	67657660	0.0290			
2	2	8.219	8.219	0.000	36605161	0.0272			
						RPD = 6.42			

QC Flag Legend

Review Flags
M - Manually Integrated

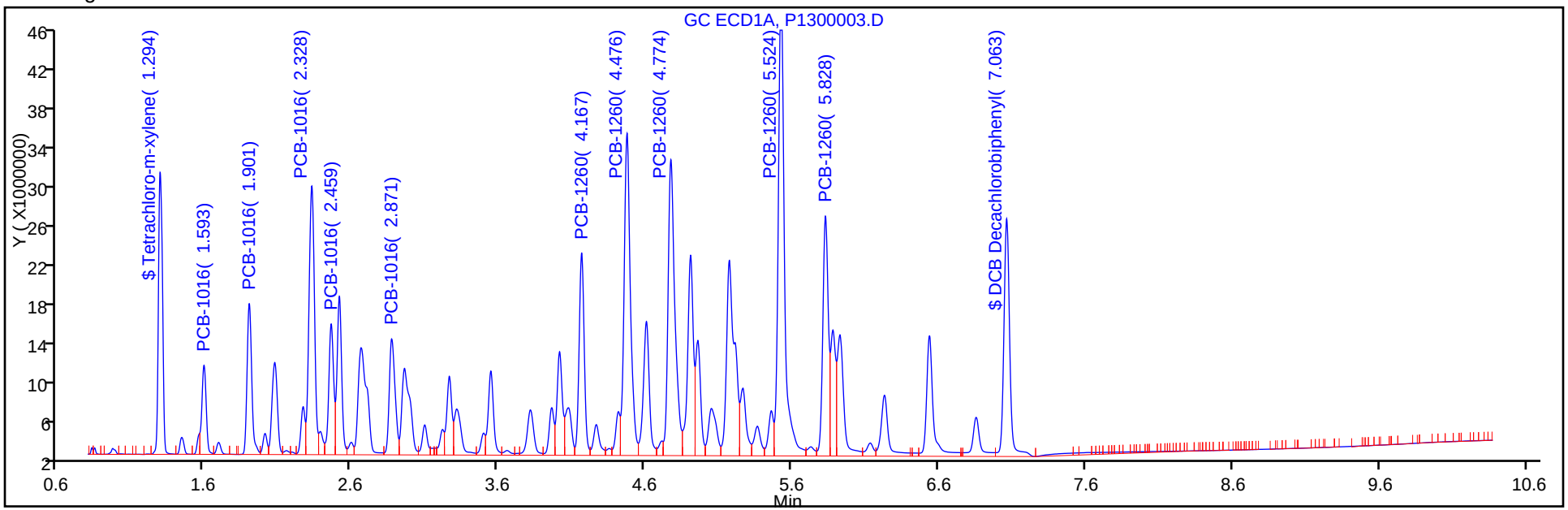
Report Date: 19-Nov-2012 11:08:54 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

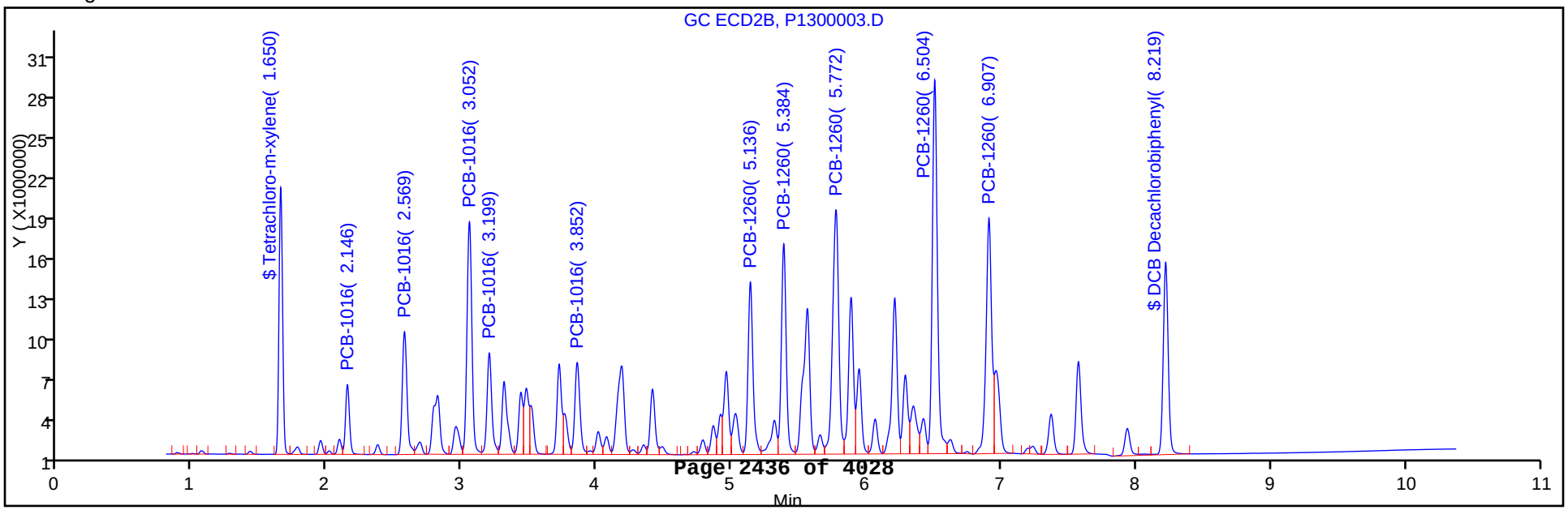
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300003.D

Injection Date:	18-Nov-2012 14:13:44	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65363/17 Calibration Date: 11/18/2012 17:42

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: P1300017.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	35653864		0.438	0.500	-12.3	20.0
PCB-1016 Peak 2	Ave	71876982	64233156		0.447	0.500	-10.6	20.0
PCB-1016 Peak 3	Ave	155218061	141789870		0.457	0.500	-8.7	20.0
PCB-1016 Peak 4	Ave	64472512	51917834		0.403	0.500	-19.5	20.0
PCB-1016 Peak 5	Ave	67849134	63311952		0.467	0.500	-6.7	20.0
PCB-1260 Peak 1	Ave	101355640	94518472		0.466	0.500	-6.7	20.0
PCB-1260 Peak 2	Ave	200632590	190407538		0.475	0.500	-5.1	20.0
PCB-1260 Peak 3	Ave	200043209	189603848		0.474	0.500	-5.2	20.0
PCB-1260 Peak 4	Ave	271809958	270177614		0.497	0.500	-0.6	20.0
PCB-1260 Peak 5	Ave	129152153	121180794		0.469	0.500	-6.2	20.0
Tetrachloro-m-xylene	Ave	2282867563	2162362400		0.0237	0.0250	-5.3	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2423812200		0.0260	0.0250	3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65363/17 Calibration Date: 11/18/2012 17:42

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: P1300017.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	4.77	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	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300017.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Nov-2012 17:42:39 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015025-017
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 17
Lims Batch ID: 65363 Lims Sample ID: 17
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	54059060	0.0237			
2	2	1.647	1.647	0.000	37298096	0.0260			
						RPD = 9.16			
6 PCB-1016									
1	100	1.589	1.589	0.000	17826932	0.4385		100.0	
1	2	1.898	1.898	0.000	32116578	0.4468	149.3- 199.3	180.2	
1	3	2.325	2.325	0.000	70894935	0.4567	350.2- 400.2	397.7	
1	4	2.457	2.457	0.000	25958917	0.4026	130.7- 180.7	145.6	
1	5	2.870	2.870	0.000	31655976	0.4666	137.9- 187.9	177.6	
			Average of Peak Amounts =			0.4423			
2	6	2.143	2.143	0.000	10811169	0.4811		100.0	
2	7	2.568	2.568	0.000	22528487	0.4802	176.5- 236.5	208.4	
2	8	3.050	3.050	0.000	46883327	0.5160	362.5- 422.5	433.7	
2	9	3.197	3.197	0.000	19390242	0.5008	137.9- 197.9	179.4	
2	10	3.850	3.850	0.000	17987983	0.4987	118.8- 178.8	166.4	
			Average of Peak Amounts =			0.4954			
						RPD = 11.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.165	0.000	47259236	0.4663		100.0	
1	2	4.475	4.475	0.000	95203769	0.4745	175.1- 225.1	201.5	
1	3	4.774	4.774	0.000	94801924	0.4739	173.2- 223.2	200.6	
1	4	5.525	5.525	0.000	135088807	0.4970	244.1- 294.1	285.8	
1	5	5.828	5.828	0.000	60590397	0.4691	101.5- 151.5	128.2	
			Average of Peak Amounts =			0.4762			
2	6	5.136	5.136	0.000	32799148	0.4921		100.0	
2	7	5.384	5.384	0.000	39739300	0.5225	86.6- 146.6	121.2	
2	8	5.771	5.771	0.000	59444909	0.5088	142.9- 202.9	181.2	
2	9	6.504	6.504	0.000	76089281	0.5347	179.5- 239.5	232.0	
2	10	6.907	6.907	0.000	53650305	0.5152	121.8- 181.8	163.6	
			Average of Peak Amounts =			0.5147			
						RPD = 7.77			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	60595305	0.0260			
2	2	8.219	8.219	0.000	36682391	0.0272			
						RPD = 4.81			

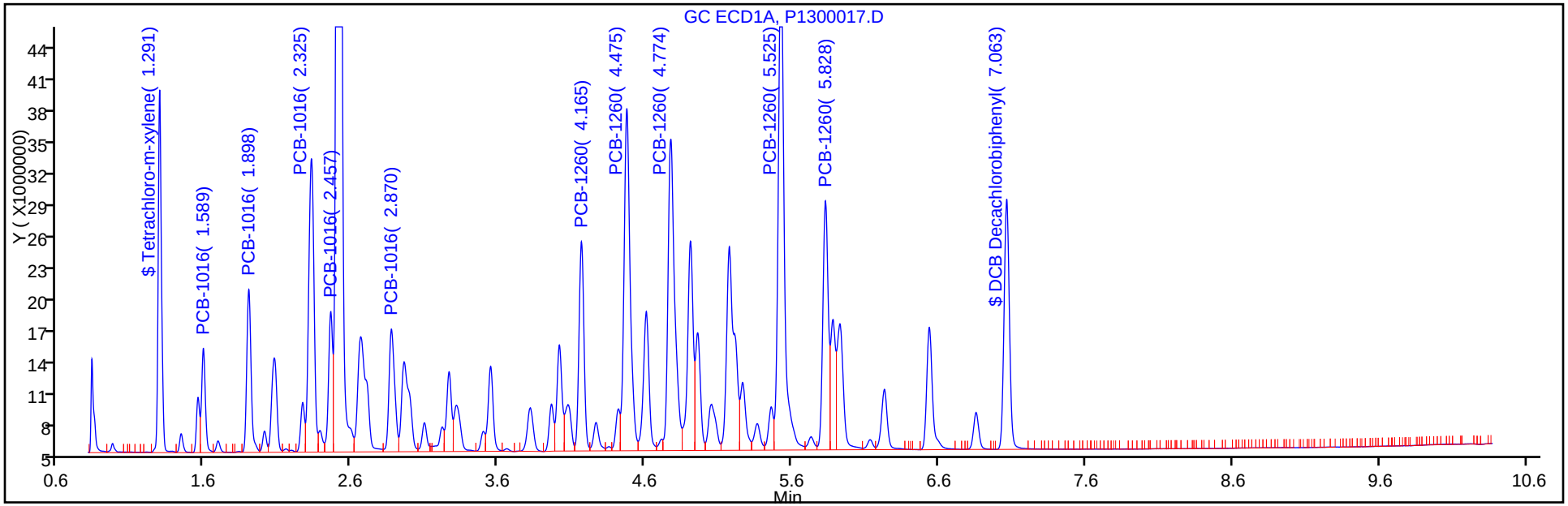
Report Date: 19-Nov-2012 11:08:45 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

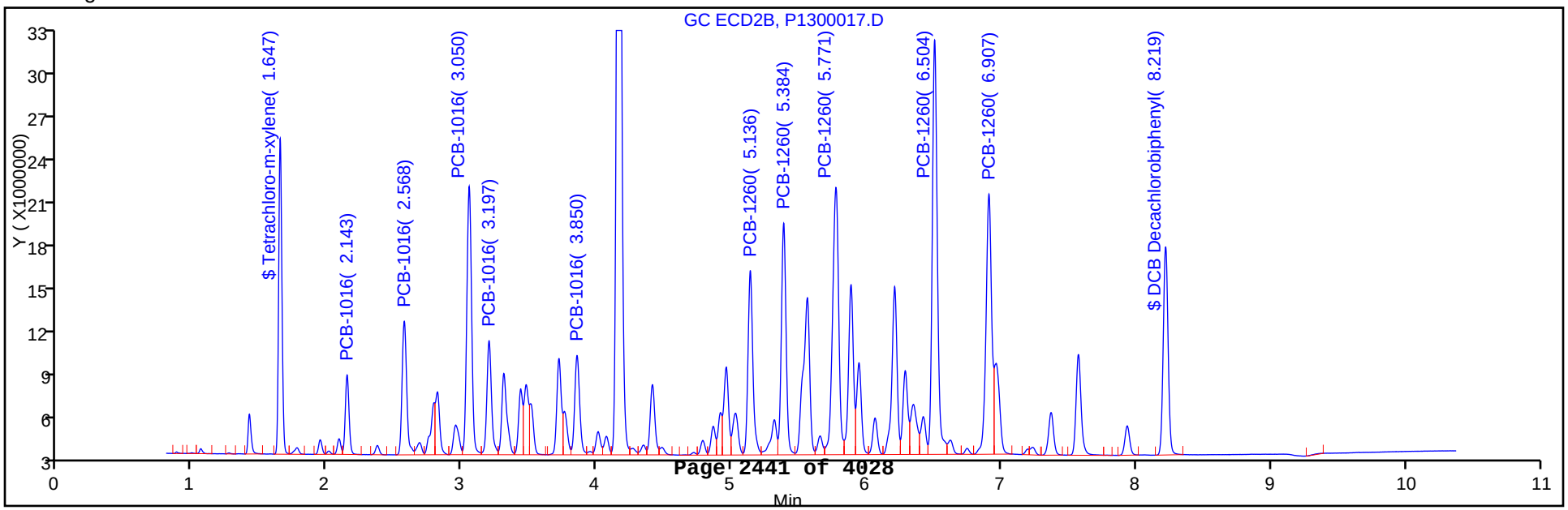
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300017.D

Injection Date:	18-Nov-2012 17:42:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65363/17 Calibration Date: 11/18/2012 17:42

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: P1300017.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	21622338		0.481	0.500	-3.8	20.0
PCB-1016 Peak 2	Ave	46910344	45056974		0.480	0.500	-4.0	20.0
PCB-1016 Peak 3	Ave	90857261	93766654		0.516	0.500	3.2	20.0
PCB-1016 Peak 4	Ave	38716589	38780484		0.501	0.500	0.2	20.0
PCB-1016 Peak 5	Ave	36067525	35975966		0.499	0.500	-0.3	20.0
PCB-1260 Peak 1	Ave	66648717	65598296		0.492	0.500	-1.6	20.0
PCB-1260 Peak 2	Lin1		79478600		0.523	0.500	4.5	20.0
PCB-1260 Peak 3	Ave	116834929	118889818		0.509	0.500	1.8	20.0
PCB-1260 Peak 4	Ave	142290611	152178562		0.535	0.500	6.9	20.0
PCB-1260 Peak 5	Ave	104134113	107300610		0.515	0.500	3.0	20.0
Tetrachloro-m-xylene	Ave	1437051097	1491923840		0.0260	0.0250	3.8	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1467295640		0.0272	0.0250	8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65363/17 Calibration Date: 11/18/2012 17:42

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: P1300017.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\20121116-15025.b\P1300017.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Nov-2012 17:42:39 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015025-017
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 17
Lims Batch ID: 65363 Lims Sample ID: 17
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	54059060	0.0237			
2	2	1.647	1.647	0.000	37298096	0.0260			
						RPD = 9.16			
6 PCB-1016									
1	100	1.589	1.589	0.000	17826932	0.4385		100.0	
1	2	1.898	1.898	0.000	32116578	0.4468	149.3- 199.3	180.2	
1	3	2.325	2.325	0.000	70894935	0.4567	350.2- 400.2	397.7	
1	4	2.457	2.457	0.000	25958917	0.4026	130.7- 180.7	145.6	
1	5	2.870	2.870	0.000	31655976	0.4666	137.9- 187.9	177.6	
			Average of Peak Amounts =			0.4423			
2	6	2.143	2.143	0.000	10811169	0.4811		100.0	
2	7	2.568	2.568	0.000	22528487	0.4802	176.5- 236.5	208.4	
2	8	3.050	3.050	0.000	46883327	0.5160	362.5- 422.5	433.7	
2	9	3.197	3.197	0.000	19390242	0.5008	137.9- 197.9	179.4	
2	10	3.850	3.850	0.000	17987983	0.4987	118.8- 178.8	166.4	
			Average of Peak Amounts =			0.4954			
						RPD = 11.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.165	0.000	47259236	0.4663		100.0	
1	2	4.475	4.475	0.000	95203769	0.4745	175.1- 225.1	201.5	
1	3	4.774	4.774	0.000	94801924	0.4739	173.2- 223.2	200.6	
1	4	5.525	5.525	0.000	135088807	0.4970	244.1- 294.1	285.8	
1	5	5.828	5.828	0.000	60590397	0.4691	101.5- 151.5	128.2	
			Average of Peak Amounts =			0.4762			
2	6	5.136	5.136	0.000	32799148	0.4921		100.0	
2	7	5.384	5.384	0.000	39739300	0.5225	86.6- 146.6	121.2	
2	8	5.771	5.771	0.000	59444909	0.5088	142.9- 202.9	181.2	
2	9	6.504	6.504	0.000	76089281	0.5347	179.5- 239.5	232.0	
2	10	6.907	6.907	0.000	53650305	0.5152	121.8- 181.8	163.6	
			Average of Peak Amounts =			0.5147			
						RPD = 7.77			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	60595305	0.0260			
2	2	8.219	8.219	0.000	36682391	0.0272			
						RPD = 4.81			

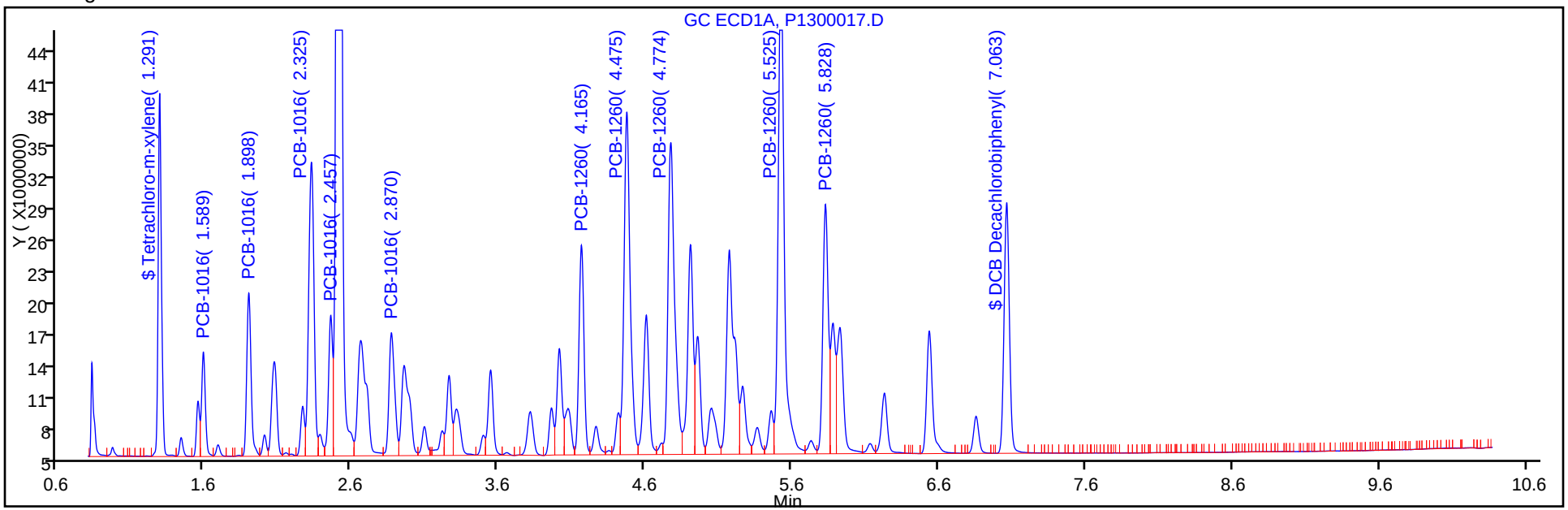
Report Date: 19-Nov-2012 11:08:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

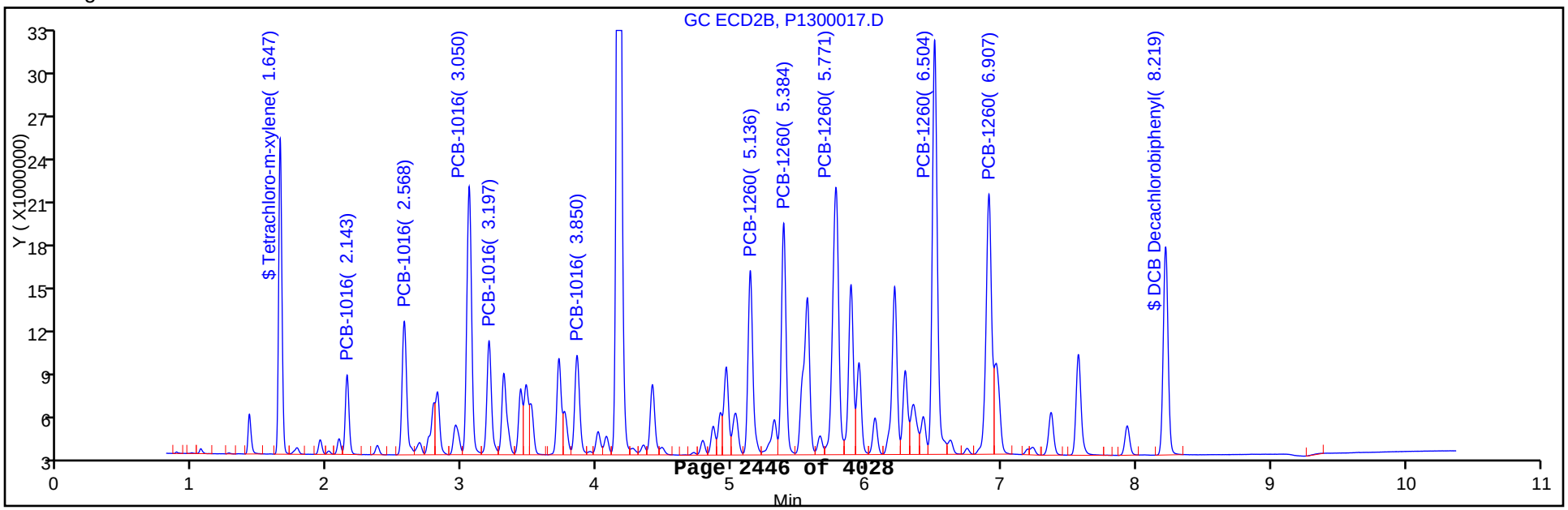
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300017.D

Injection Date:	18-Nov-2012 17:42:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65363/25 Calibration Date: 11/18/2012 19:41

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: P1300025.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	37106660		0.456	0.500	-8.7	20.0
PCB-1016 Peak 2	Ave	71876982	65252144		0.454	0.500	-9.2	20.0
PCB-1016 Peak 3	Ave	155218061	143214008		0.461	0.500	-7.7	20.0
PCB-1016 Peak 4	Ave	64472512	50501490		0.392	0.500	-21.7*	20.0
PCB-1016 Peak 5	Ave	67849134	64108722		0.472	0.500	-5.5	20.0
PCB-1260 Peak 1	Ave	101355640	94863310		0.468	0.500	-6.4	20.0
PCB-1260 Peak 2	Ave	200632590	191423030		0.477	0.500	-4.6	20.0
PCB-1260 Peak 3	Ave	200043209	191766904		0.479	0.500	-4.1	20.0
PCB-1260 Peak 4	Ave	271809958	274879010		0.506	0.500	1.1	20.0
PCB-1260 Peak 5	Ave	129152153	124668176		0.483	0.500	-3.5	20.0
Tetrachloro-m-xylene	Ave	2282867563	2204593280		0.0241	0.0250	-3.4	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2474225480		0.0265	0.0250	6.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65363/25 Calibration Date: 11/18/2012 19:41

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: P1300025.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	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300025.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	18-Nov-2012 19:41:55	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015025-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	65363	Lims Sample ID:	25
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:36	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:07:25

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	55114832	0.0241			
2	2	1.648	1.648	0.000	38093880	0.0265			
						RPD = 9.34			
6 PCB-1016									
1	100	1.591	1.591	0.000	18553330	0.4564		100.0	
1	2	1.901	1.901	0.000	32626072	0.4539	149.3- 199.3	175.9	
1	3	2.328	2.328	0.000	71607004	0.4613	350.2- 400.2	386.0	
1	4	2.459	2.459	0.000	25250745	0.3917	130.7- 180.7	136.1	
1	5	2.872	2.872	0.000	32054361	0.4724	137.9- 187.9	172.8	
			Average of Peak Amounts =			0.4471			
2	6	2.144	2.144	0.000	11091449	0.4935		100.0	
2	7	2.569	2.569	0.000	22958191	0.4894	176.5- 236.5	207.0	
2	8	3.050	3.050	0.000	48099349	0.5294	362.5- 422.5	433.7	
2	9	3.199	3.199	0.000	19880836	0.5135	137.9- 197.9	179.2	
2	10	3.850	3.850	0.000	18332181	0.5083	118.8- 178.8	165.3	
			Average of Peak Amounts =			0.5068			
						RPD = 12.51			

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	47431655	0.4680		100.0	
1	2	4.476	4.476	0.000	95711515	0.4770	175.1- 225.1	201.8	
1	3	4.775	4.775	0.000	95883452	0.4793	173.2- 223.2	202.2	
1	4	5.527	5.527	0.000	137439505	0.5056	244.1- 294.1	289.8	
1	5	5.830	5.830	0.000	62334088	0.4826	101.5- 151.5	131.4	
			Average of Peak Amounts =			0.4825			
2	6	5.137	5.137	0.000	33400080	0.5011		100.0	
2	7	5.385	5.385	0.000	40705638	0.5363	86.6- 146.6	121.9	
2	8	5.772	5.772	0.000	61107367	0.5230	142.9- 202.9	183.0	
2	9	6.505	6.505	0.000	78734504	0.5533	179.5- 239.5	235.7	
2	10	6.908	6.908	0.000	55851390	0.5363	121.8- 181.8	167.2	
			Average of Peak Amounts =			0.5300			
						RPD = 9.38			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	61855637	0.0265			
2	2	8.220	8.220	0.000	38040181	0.0282			
						RPD = 6.39			

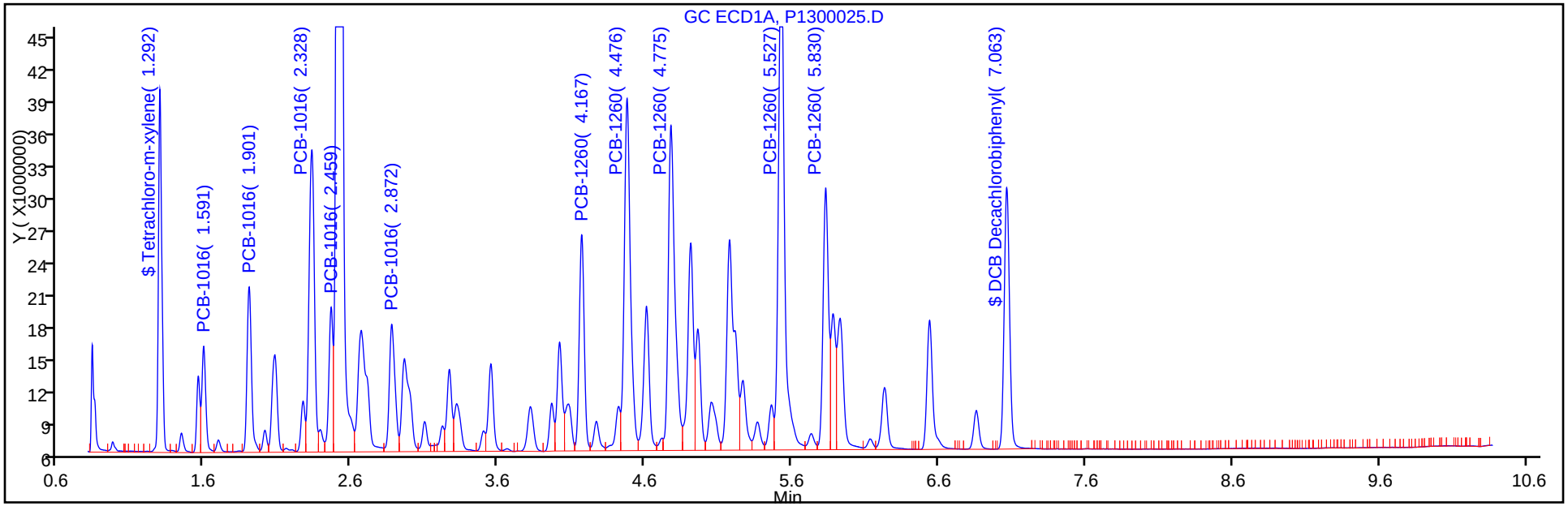
Report Date: 19-Nov-2012 11:08:37 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

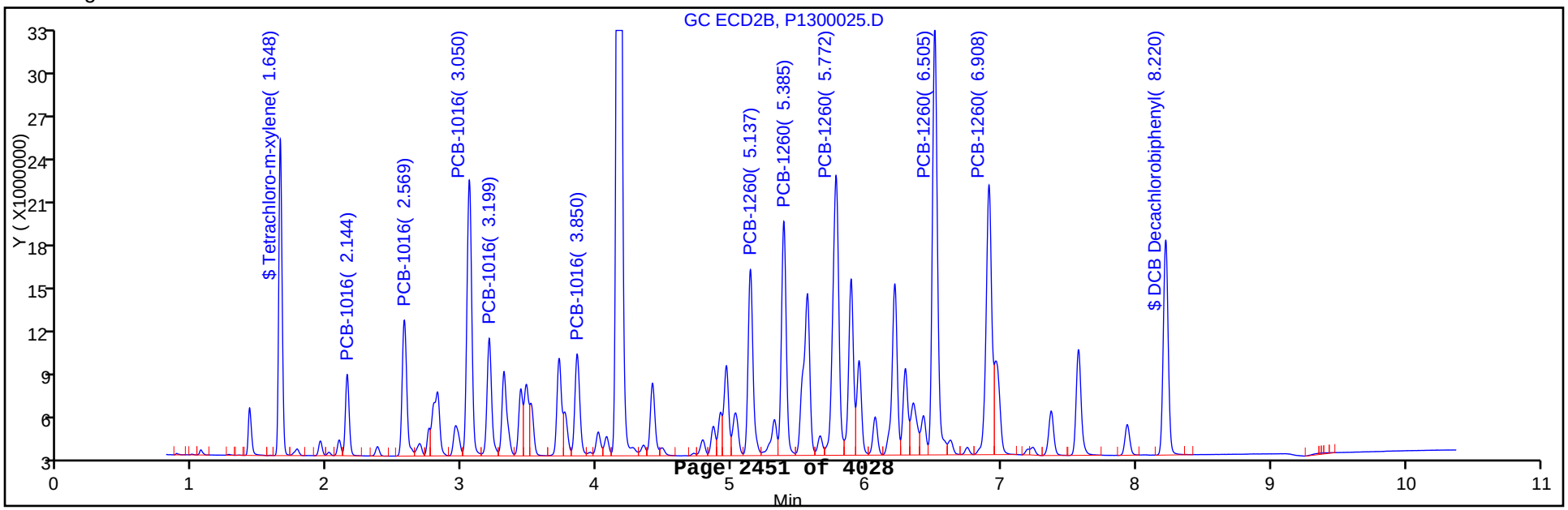
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300025.D

Injection Date:	18-Nov-2012 19:41:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65363/25 Calibration Date: 11/18/2012 19:41

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: P1300025.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	22182898		0.494	0.500	-1.3	20.0
PCB-1016 Peak 2	Ave	46910344	45916382		0.489	0.500	-2.1	20.0
PCB-1016 Peak 3	Ave	90857261	96198698		0.529	0.500	5.9	20.0
PCB-1016 Peak 4	Ave	38716589	39761672		0.513	0.500	2.7	20.0
PCB-1016 Peak 5	Ave	36067525	36664362		0.508	0.500	1.7	20.0
PCB-1260 Peak 1	Ave	66648717	66800160		0.501	0.500	0.2	20.0
PCB-1260 Peak 2	Lin1		81411276		0.536	0.500	7.3	20.0
PCB-1260 Peak 3	Ave	116834929	122214734		0.523	0.500	4.6	20.0
PCB-1260 Peak 4	Ave	142290611	157469008		0.553	0.500	10.7	20.0
PCB-1260 Peak 5	Ave	104134113	111702780		0.536	0.500	7.3	20.0
Tetrachloro-m-xylene	Ave	1437051097	1523755200		0.0265	0.0250	6.0	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1521607240		0.0282	0.0250	13.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65363/25 Calibration Date: 11/18/2012 19:41

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: P1300025.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	5.39	5.34	5.44
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\20121116-15025.b\P1300025.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Nov-2012 19:41:55 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015025-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 25
Lims Batch ID: 65363 Lims Sample ID: 25
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:36 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:07:25

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	55114832	0.0241			
2	2	1.648	1.648	0.000	38093880	0.0265			
						RPD = 9.34			
6 PCB-1016									
1	100	1.591	1.591	0.000	18553330	0.4564		100.0	
1	2	1.901	1.901	0.000	32626072	0.4539	149.3- 199.3	175.9	
1	3	2.328	2.328	0.000	71607004	0.4613	350.2- 400.2	386.0	
1	4	2.459	2.459	0.000	25250745	0.3917	130.7- 180.7	136.1	
1	5	2.872	2.872	0.000	32054361	0.4724	137.9- 187.9	172.8	
			Average of Peak Amounts =			0.4471			
2	6	2.144	2.144	0.000	11091449	0.4935		100.0	
2	7	2.569	2.569	0.000	22958191	0.4894	176.5- 236.5	207.0	
2	8	3.050	3.050	0.000	48099349	0.5294	362.5- 422.5	433.7	
2	9	3.199	3.199	0.000	19880836	0.5135	137.9- 197.9	179.2	
2	10	3.850	3.850	0.000	18332181	0.5083	118.8- 178.8	165.3	
			Average of Peak Amounts =			0.5068			
						RPD = 12.51			

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	47431655	0.4680		100.0	
1	2	4.476	4.476	0.000	95711515	0.4770	175.1- 225.1	201.8	
1	3	4.775	4.775	0.000	95883452	0.4793	173.2- 223.2	202.2	
1	4	5.527	5.527	0.000	137439505	0.5056	244.1- 294.1	289.8	
1	5	5.830	5.830	0.000	62334088	0.4826	101.5- 151.5	131.4	
			Average of Peak Amounts =			0.4825			
2	6	5.137	5.137	0.000	33400080	0.5011		100.0	
2	7	5.385	5.385	0.000	40705638	0.5363	86.6- 146.6	121.9	
2	8	5.772	5.772	0.000	61107367	0.5230	142.9- 202.9	183.0	
2	9	6.505	6.505	0.000	78734504	0.5533	179.5- 239.5	235.7	
2	10	6.908	6.908	0.000	55851390	0.5363	121.8- 181.8	167.2	
			Average of Peak Amounts =			0.5300			
						RPD = 9.38			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	61855637	0.0265			
2	2	8.220	8.220	0.000	38040181	0.0282			
						RPD = 6.39			

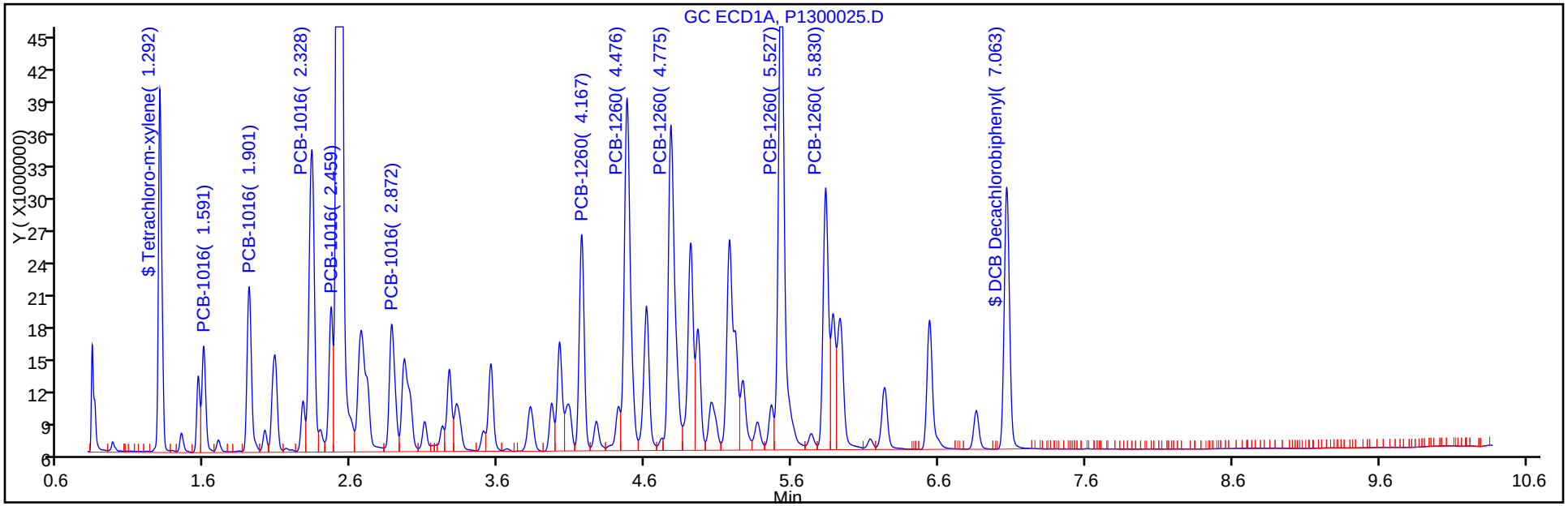
Report Date: 19-Nov-2012 11:08:38 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

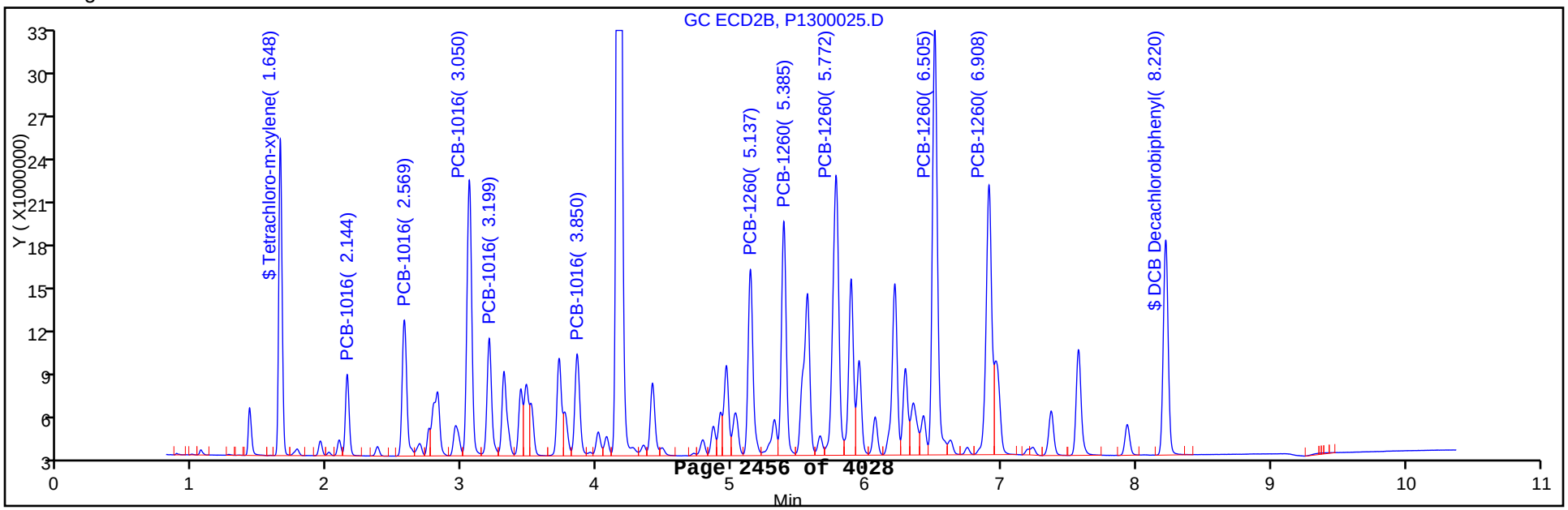
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300025.D

Injection Date:	18-Nov-2012 19:41:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/3 Calibration Date: 11/21/2012 06:45

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: P1300003.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	39545986		0.486	0.500	-2.7	20.0
PCB-1016 Peak 2	Ave	71876982	70338322		0.489	0.500	-2.1	20.0
PCB-1016 Peak 3	Ave	155218061	152100672		0.490	0.500	-2.0	20.0
PCB-1016 Peak 4	Ave	64472512	60308816		0.468	0.500	-6.5	20.0
PCB-1016 Peak 5	Ave	67849134	64192758		0.473	0.500	-5.4	20.0
PCB-1260 Peak 1	Ave	101355640	101934042		0.503	0.500	0.6	20.0
PCB-1260 Peak 2	Ave	200632590	203351546		0.507	0.500	1.4	20.0
PCB-1260 Peak 3	Ave	200043209	201859696		0.505	0.500	0.9	20.0
PCB-1260 Peak 4	Ave	271809958	278122672		0.512	0.500	2.3	20.0
PCB-1260 Peak 5	Ave	129152153	127559580		0.494	0.500	-1.2	20.0
Tetrachloro-m-xylene	Ave	2282867563	2305014560		0.0252	0.0250	1.0	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2235321000		0.0239	0.0250	-4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/3 Calibration Date: 11/21/2012 06:45

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: P1300003.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\20121121-15150.b\P1300003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 06:45:11 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015150-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 65860 Lims Sample ID: 3
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:32 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: XAWRK029

First Level Reviewer: hassl Date: 21-Nov-2012 08:48:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	57625364	0.0252			
2	2	1.647	1.647	0.000	37866668	0.0264			
						RPD = 4.29			
6 PCB-1016									
1	100	1.590	1.590	0.000	19772993	0.4864		100.0	
1	2	1.898	1.898	0.000	35169161	0.4893	149.3- 199.3	177.9	
1	3	2.326	2.326	0.000	76050336	0.4900	350.2- 400.2	384.6	
1	4	2.458	2.458	0.000	30154408	0.4677	130.7- 180.7	152.5	
1	5	2.871	2.871	0.000	32096379	0.4731	137.9- 187.9	162.3	
			Average of Peak Amounts =			0.4813			
2	6	2.143	2.143	0.000	9956468	0.4430		100.0	
2	7	2.566	2.566	0.000	21192756	0.4518	176.5- 236.5	212.9	
2	8	3.049	3.049	0.000	39304359	0.4326	362.5- 422.5	394.8	
2	9	3.196	3.196	0.000	16336685	0.4220	137.9- 197.9	164.1	
2	10	3.849	3.849	0.000	16950428	0.4700	118.8- 178.8	170.2	
			Average of Peak Amounts =			0.4439			
						RPD = 8.09			

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	50967021	0.5029		100.0	M
1	2	4.476	4.476	0.000	101675773	0.5068	175.1- 225.1	199.5	M
1	3	4.776	4.776	0.000	100929848	0.5045	173.2- 223.2	198.0	M
1	4	5.528	5.528	0.000	139061336	0.5116	244.1- 294.1	272.8	M
1	5	5.831	5.831	0.000	63779790	0.4938	101.5- 151.5	125.1	M
			Average of Peak Amounts =			0.5039			
2	6	5.136	5.136	0.000	30258108	0.4540		100.0	
2	7	5.384	5.384	0.000	34313666	0.4452	86.6- 146.6	113.4	
2	8	5.771	5.771	0.000	51381022	0.4398	142.9- 202.9	169.8	
2	9	6.505	6.505	0.000	62095716	0.4364	179.5- 239.5	205.2	
2	10	6.906	6.906	0.000	45148802	0.4336	121.8- 181.8	149.2	
			Average of Peak Amounts =			0.4418			
						RPD = 13.14			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	55883025	0.0239			
2	2	8.219	8.219	0.000	32464951	0.0241			
						RPD = 0.70			

QC Flag Legend

Review Flags
M - Manually Integrated

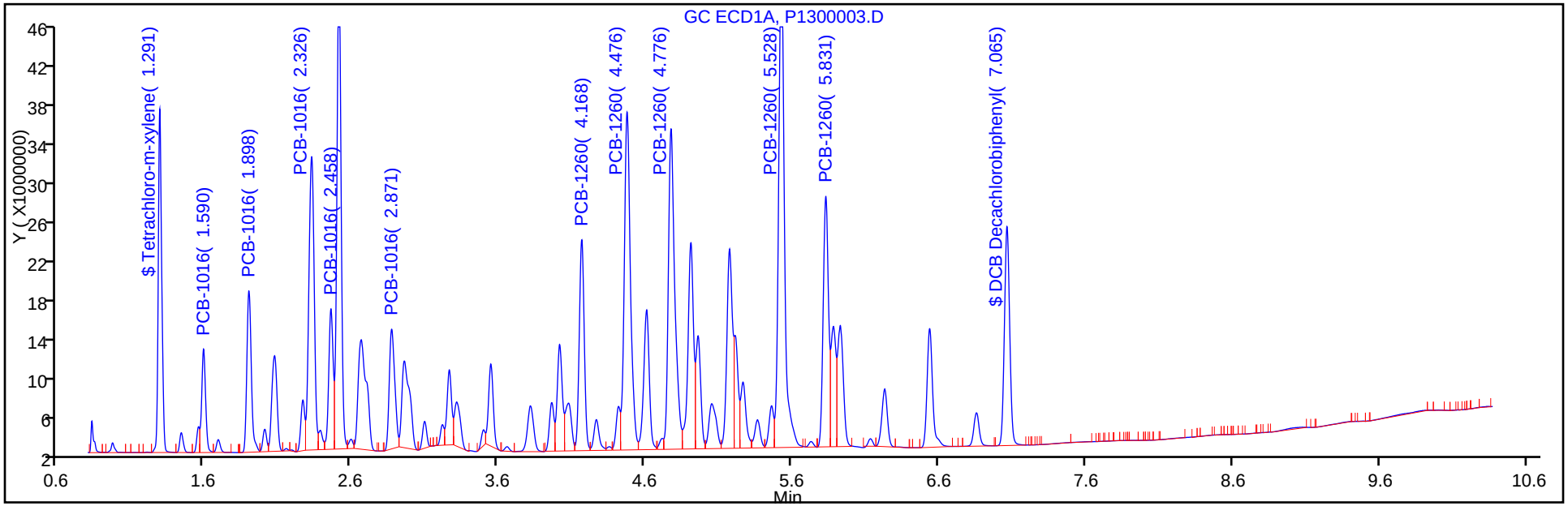
Report Date: 23-Nov-2012 07:46:33 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

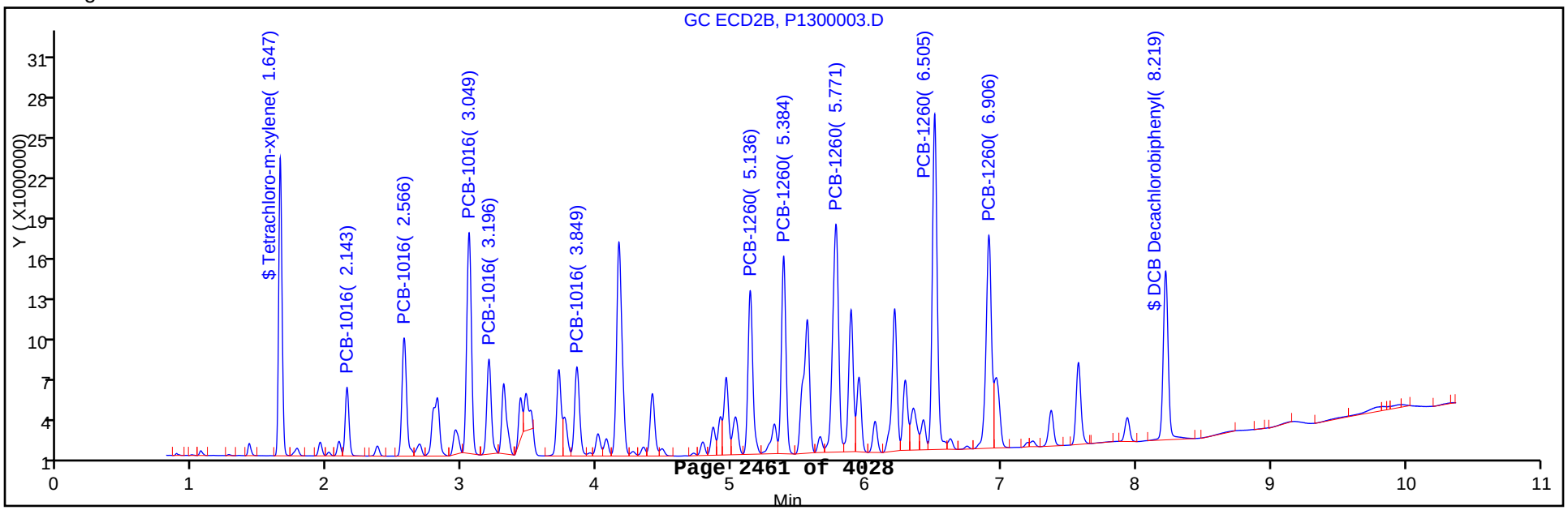
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300003.D

Injection Date:	21-Nov-2012 06:45:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



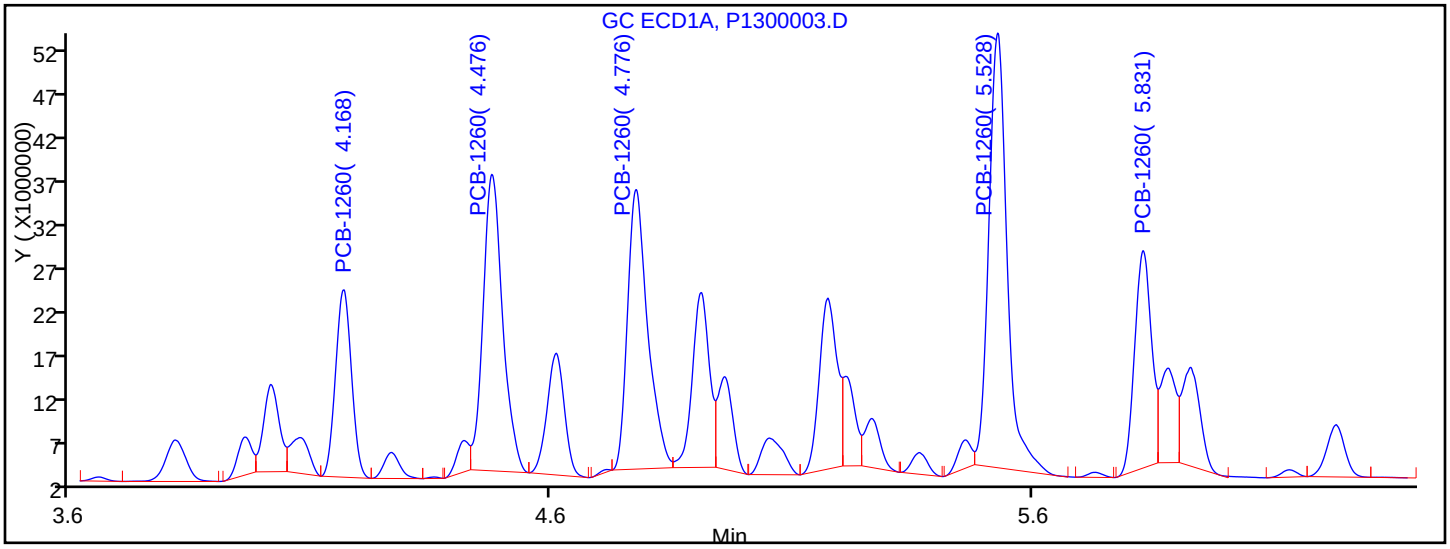
Report Date: 23-Nov-2012 07:46:33 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300003.D

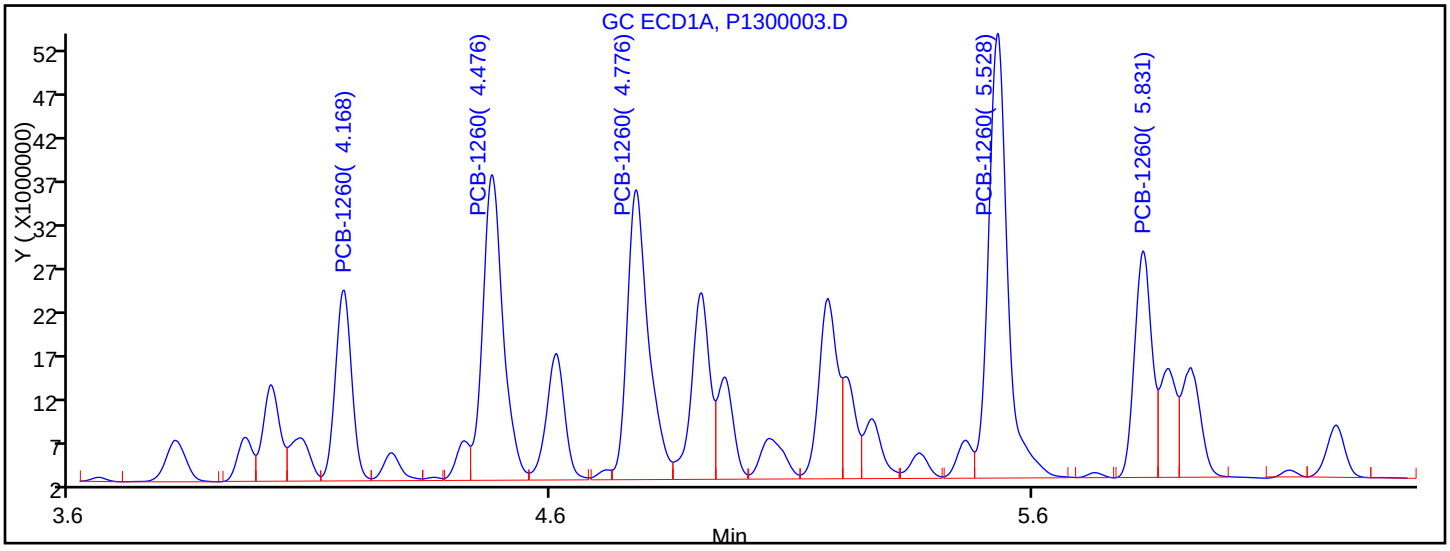
Injection Date:	21-Nov-2012 06:45:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 4.168	Response = 48643697	M
RT = 4.476	Response = 94597087	M
RT = 4.776	Response = 92008011	M
RT = 5.528	Response = 130227758	M
RT = 5.831	Response = 59652416	M



Manual Integration Results

RT = 4.168	Response = 50967021	M
RT = 4.476	Response = 101675773	M
RT = 4.776	Response = 100929848	M
RT = 5.528	Response = 139061336	M
RT = 5.831	Response = 63779790	M

Reviewer: hassl, 21-Nov-2012 08:48:23

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/3 Calibration Date: 11/21/2012 06:45

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: P1300003.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	19912936		0.443	0.500	-11.4	20.0
PCB-1016 Peak 2	Ave	46910344	42385512		0.452	0.500	-9.6	20.0
PCB-1016 Peak 3	Ave	90857261	78608718		0.433	0.500	-13.5	20.0
PCB-1016 Peak 4	Ave	38716589	32673370		0.422	0.500	-15.6	20.0
PCB-1016 Peak 5	Ave	36067525	33900856		0.470	0.500	-6.0	20.0
PCB-1260 Peak 1	Ave	66648717	60516216		0.454	0.500	-9.2	20.0
PCB-1260 Peak 2	Lin1		68627332		0.445	0.500	-11.0	20.0
PCB-1260 Peak 3	Ave	116834929	102762044		0.440	0.500	-12.0	20.0
PCB-1260 Peak 4	Ave	142290611	124191432		0.436	0.500	-12.7	20.0
PCB-1260 Peak 5	Ave	104134113	90297604		0.434	0.500	-13.3	20.0
Tetrachloro-m-xylene	Ave	1437051097	1514666720		0.0264	0.0250	5.4	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1298598040		0.0241	0.0250	-3.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/3 Calibration Date: 11/21/2012 06:45

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: P1300003.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\20121121-15150.b\P1300003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 06:45:11 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015150-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 65860 Lims Sample ID: 3
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:32 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: XAWRK029

First Level Reviewer: hassl Date: 21-Nov-2012 08:48:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	57625364	0.0252			
2	2	1.647	1.647	0.000	37866668	0.0264			
						RPD = 4.29			
6 PCB-1016									
1	100	1.590	1.590	0.000	19772993	0.4864		100.0	
1	2	1.898	1.898	0.000	35169161	0.4893	149.3- 199.3	177.9	
1	3	2.326	2.326	0.000	76050336	0.4900	350.2- 400.2	384.6	
1	4	2.458	2.458	0.000	30154408	0.4677	130.7- 180.7	152.5	
1	5	2.871	2.871	0.000	32096379	0.4731	137.9- 187.9	162.3	
			Average of Peak Amounts =			0.4813			
2	6	2.143	2.143	0.000	9956468	0.4430		100.0	
2	7	2.566	2.566	0.000	21192756	0.4518	176.5- 236.5	212.9	
2	8	3.049	3.049	0.000	39304359	0.4326	362.5- 422.5	394.8	
2	9	3.196	3.196	0.000	16336685	0.4220	137.9- 197.9	164.1	
2	10	3.849	3.849	0.000	16950428	0.4700	118.8- 178.8	170.2	
			Average of Peak Amounts =			0.4439			
						RPD = 8.09			

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	50967021	0.5029		100.0	M
1	2	4.476	4.476	0.000	101675773	0.5068	175.1- 225.1	199.5	M
1	3	4.776	4.776	0.000	100929848	0.5045	173.2- 223.2	198.0	M
1	4	5.528	5.528	0.000	139061336	0.5116	244.1- 294.1	272.8	M
1	5	5.831	5.831	0.000	63779790	0.4938	101.5- 151.5	125.1	M
			Average of Peak Amounts =			0.5039			
2	6	5.136	5.136	0.000	30258108	0.4540		100.0	
2	7	5.384	5.384	0.000	34313666	0.4452	86.6- 146.6	113.4	
2	8	5.771	5.771	0.000	51381022	0.4398	142.9- 202.9	169.8	
2	9	6.505	6.505	0.000	62095716	0.4364	179.5- 239.5	205.2	
2	10	6.906	6.906	0.000	45148802	0.4336	121.8- 181.8	149.2	
			Average of Peak Amounts =			0.4418			
						RPD = 13.14			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	55883025	0.0239			
2	2	8.219	8.219	0.000	32464951	0.0241			
						RPD = 0.70			

QC Flag Legend

Review Flags
M - Manually Integrated

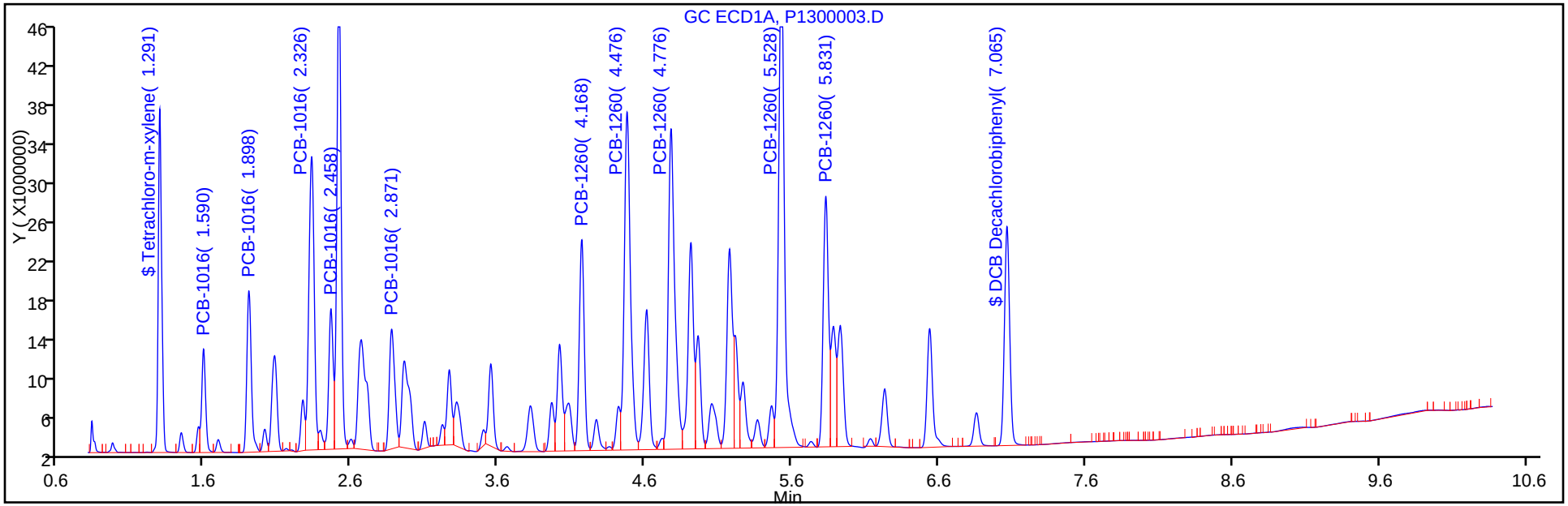
Report Date: 23-Nov-2012 07:46:33 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

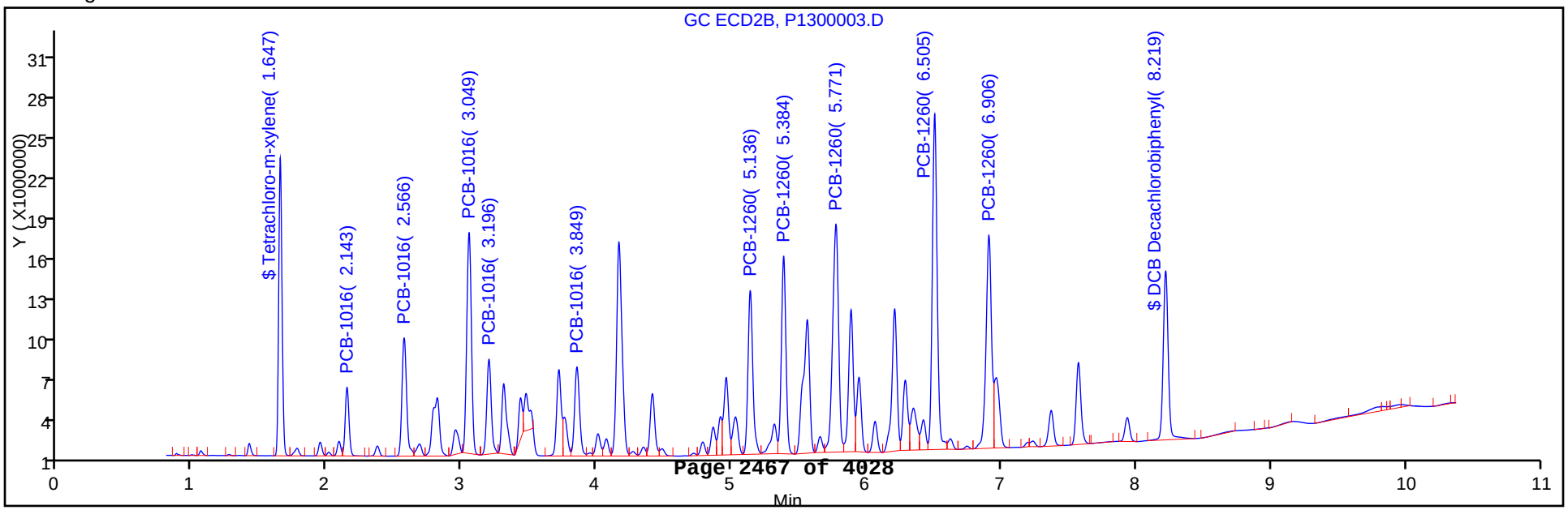
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300003.D

Injection Date:	21-Nov-2012 06:45:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/20 Calibration Date: 11/21/2012 11:10

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: P1300020.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	39689336		0.488	0.500	-2.4	20.0
PCB-1016 Peak 2	Ave	71876982	70625206		0.491	0.500	-1.7	20.0
PCB-1016 Peak 3	Ave	155218061	155629566		0.501	0.500	0.3	20.0
PCB-1016 Peak 4	Ave	64472512	61478336		0.477	0.500	-4.6	20.0
PCB-1016 Peak 5	Ave	67849134	67570676		0.498	0.500	-0.4	20.0
PCB-1260 Peak 1	Ave	101355640	101592102		0.501	0.500	0.2	20.0
PCB-1260 Peak 2	Ave	200632590	204980226		0.511	0.500	2.2	20.0
PCB-1260 Peak 3	Ave	200043209	205619080		0.514	0.500	2.8	20.0
PCB-1260 Peak 4	Ave	271809958	288677296		0.531	0.500	6.2	20.0
PCB-1260 Peak 5	Ave	129152153	134932704		0.522	0.500	4.5	20.0
Tetrachloro-m-xylene	Ave	2282867563	2309122000		0.0253	0.0250	1.2	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2485597440		0.0266	0.0250	6.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/20 Calibration Date: 11/21/2012 11:10

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: P1300020.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\20121121-15150.b\P1300020.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 11:10:56 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015150-020
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 65860 Lims Sample ID: 20
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:20:30

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	57728050	0.0253			
2	2	1.649	1.649	0.000	38529502	0.0268			
						RPD = 5.85			
6 PCB-1016									
1	100	1.590	1.590	0.000	19844668	0.4881		100.0	
1	2	1.900	1.900	0.000	35312603	0.4913	149.3- 199.3	177.9	
1	3	2.326	2.326	0.000	77814783	0.5013	350.2- 400.2	392.1	
1	4	2.458	2.458	0.000	30739168	0.4768	130.7- 180.7	154.9	
1	5	2.871	2.871	0.000	33785338	0.4979	137.9- 187.9	170.2	
			Average of Peak Amounts =			0.4911			
2	6	2.145	2.145	0.000	11064829	0.4923		100.0	
2	7	2.569	2.569	0.000	22992785	0.4901	176.5- 236.5	207.8	
2	8	3.051	3.051	0.000	46346510	0.5101	362.5- 422.5	418.9	
2	9	3.198	3.198	0.000	19556199	0.5051	137.9- 197.9	176.7	
2	10	3.851	3.851	0.000	18512547	0.5133	118.8- 178.8	167.3	
			Average of Peak Amounts =			0.5022			
						RPD = 2.24			

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	50796051	0.5012		100.0	
1	2	4.476	4.476	0.000	102490113	0.5108	175.1- 225.1	201.8	
1	3	4.776	4.776	0.000	102809540	0.5139	173.2- 223.2	202.4	
1	4	5.526	5.526	0.000	144338648	0.5310	244.1- 294.1	284.2	
1	5	5.831	5.831	0.000	67466352	0.5224	101.5- 151.5	132.8	
			Average of Peak Amounts =			0.5159			
2	6	5.137	5.137	0.000	33263720	0.4991		100.0	
2	7	5.386	5.386	0.000	38681631	0.5075	86.6- 146.6	116.3	
2	8	5.774	5.774	0.000	59176798	0.5065	142.9- 202.9	177.9	
2	9	6.506	6.506	0.000	73152873	0.5141	179.5- 239.5	219.9	
2	10	6.908	6.908	0.000	52393385	0.5031	121.8- 181.8	157.5	
			Average of Peak Amounts =			0.5061			
						RPD = 1.92			
$ 12 DCB Decachlorobiphenyl									
1	100	7.066	7.066	0.000	62139936	0.0266			
2	2	8.219	8.219	0.000	34965765	0.0260			
						RPD = 2.50			

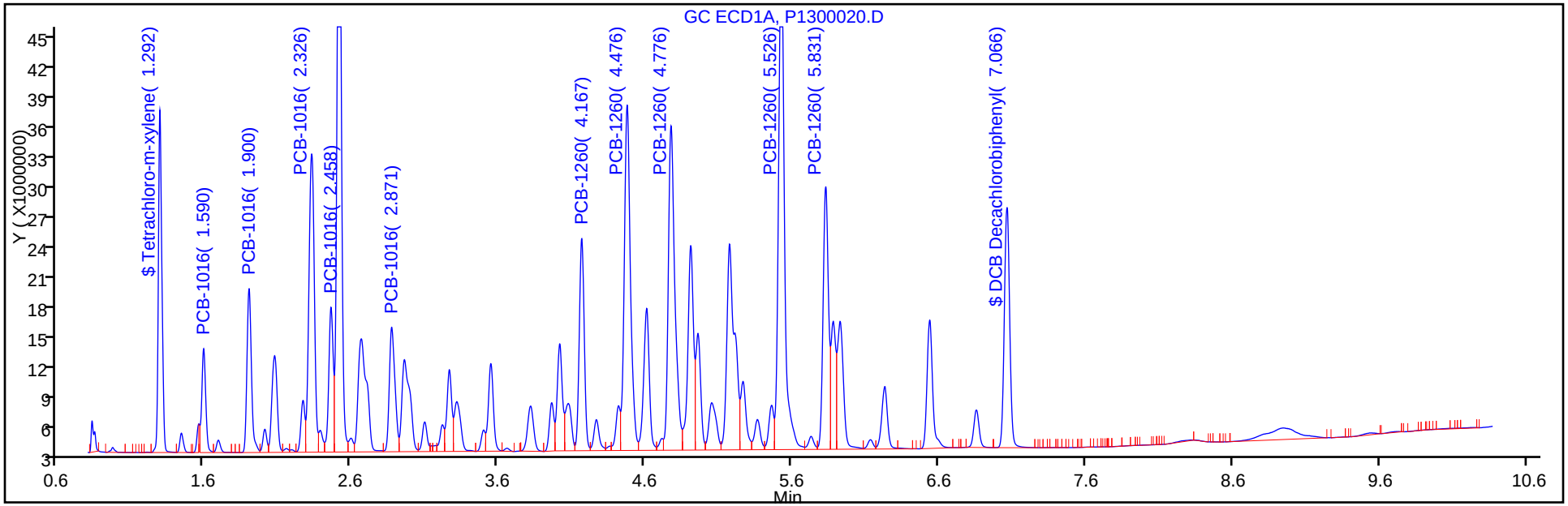
Report Date: 23-Nov-2012 07:46:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

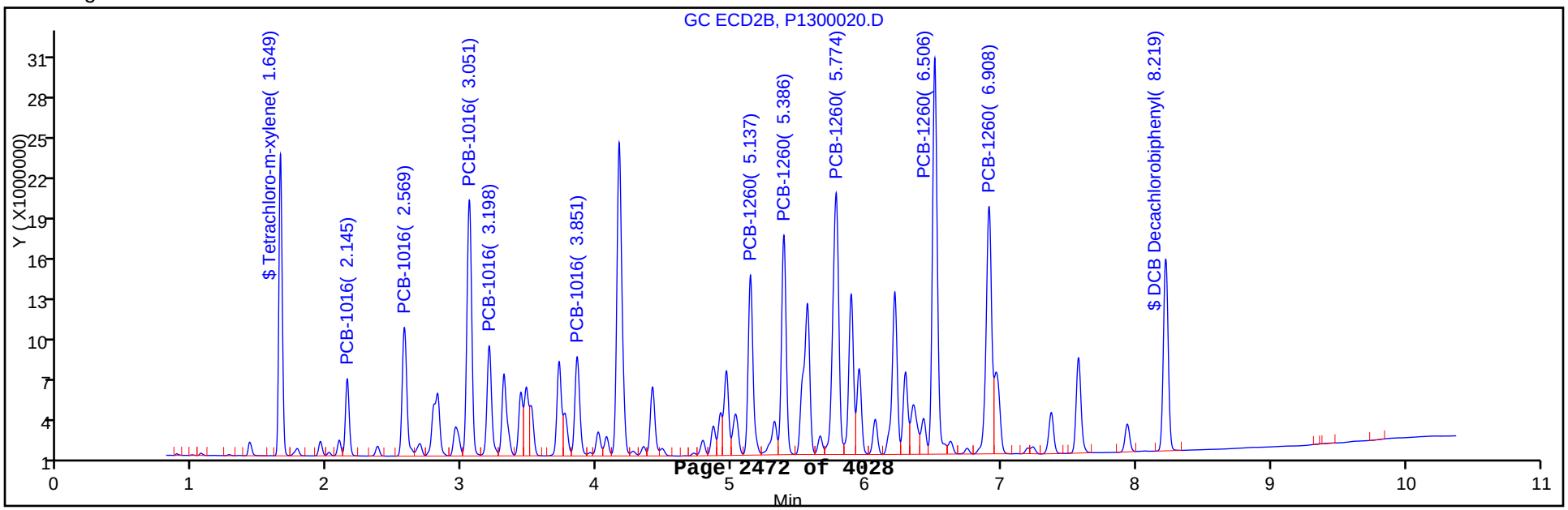
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300020.D

Injection Date:	21-Nov-2012 11:10:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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 VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/20 Calibration Date: 11/21/2012 11:10

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: P1300020.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	22129658		0.492	0.500	-1.5	20.0
PCB-1016 Peak 2	Ave	46910344	45985570		0.490	0.500	-2.0	20.0
PCB-1016 Peak 3	Ave	90857261	92693020		0.510	0.500	2.0	20.0
PCB-1016 Peak 4	Ave	38716589	39112398		0.505	0.500	1.0	20.0
PCB-1016 Peak 5	Ave	36067525	37025094		0.513	0.500	2.7	20.0
PCB-1260 Peak 1	Ave	66648717	66527440		0.499	0.500	-0.2	20.0
PCB-1260 Peak 2	Lin1		77363262		0.507	0.500	1.5	20.0
PCB-1260 Peak 3	Ave	116834929	118353596		0.506	0.500	1.3	20.0
PCB-1260 Peak 4	Ave	142290611	146305746		0.514	0.500	2.8	20.0
PCB-1260 Peak 5	Ave	104134113	104786770		0.503	0.500	0.6	20.0
Tetrachloro-m-xylene	Ave	1437051097	1541180080		0.0268	0.0250	7.2	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1398630600		0.0260	0.0250	3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/20 Calibration Date: 11/21/2012 11:10

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: P1300020.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	5.39	5.34	5.44
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\20121121-15150.b\P1300020.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 11:10:56 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015150-020
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 65860 Lims Sample ID: 20
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:20:30

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	57728050	0.0253			
2	2	1.649	1.649	0.000	38529502	0.0268			
						RPD = 5.85			
6 PCB-1016									
1	100	1.590	1.590	0.000	19844668	0.4881		100.0	
1	2	1.900	1.900	0.000	35312603	0.4913	149.3- 199.3	177.9	
1	3	2.326	2.326	0.000	77814783	0.5013	350.2- 400.2	392.1	
1	4	2.458	2.458	0.000	30739168	0.4768	130.7- 180.7	154.9	
1	5	2.871	2.871	0.000	33785338	0.4979	137.9- 187.9	170.2	
			Average of Peak Amounts =			0.4911			
2	6	2.145	2.145	0.000	11064829	0.4923		100.0	
2	7	2.569	2.569	0.000	22992785	0.4901	176.5- 236.5	207.8	
2	8	3.051	3.051	0.000	46346510	0.5101	362.5- 422.5	418.9	
2	9	3.198	3.198	0.000	19556199	0.5051	137.9- 197.9	176.7	
2	10	3.851	3.851	0.000	18512547	0.5133	118.8- 178.8	167.3	
			Average of Peak Amounts =			0.5022			
						RPD = 2.24			

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	50796051	0.5012		100.0	
1	2	4.476	4.476	0.000	102490113	0.5108	175.1- 225.1	201.8	
1	3	4.776	4.776	0.000	102809540	0.5139	173.2- 223.2	202.4	
1	4	5.526	5.526	0.000	144338648	0.5310	244.1- 294.1	284.2	
1	5	5.831	5.831	0.000	67466352	0.5224	101.5- 151.5	132.8	
			Average of Peak Amounts =			0.5159			
2	6	5.137	5.137	0.000	33263720	0.4991		100.0	
2	7	5.386	5.386	0.000	38681631	0.5075	86.6- 146.6	116.3	
2	8	5.774	5.774	0.000	59176798	0.5065	142.9- 202.9	177.9	
2	9	6.506	6.506	0.000	73152873	0.5141	179.5- 239.5	219.9	
2	10	6.908	6.908	0.000	52393385	0.5031	121.8- 181.8	157.5	
			Average of Peak Amounts =			0.5061			
						RPD = 1.92			
$ 12 DCB Decachlorobiphenyl									
1	100	7.066	7.066	0.000	62139936	0.0266			
2	2	8.219	8.219	0.000	34965765	0.0260			
						RPD = 2.50			

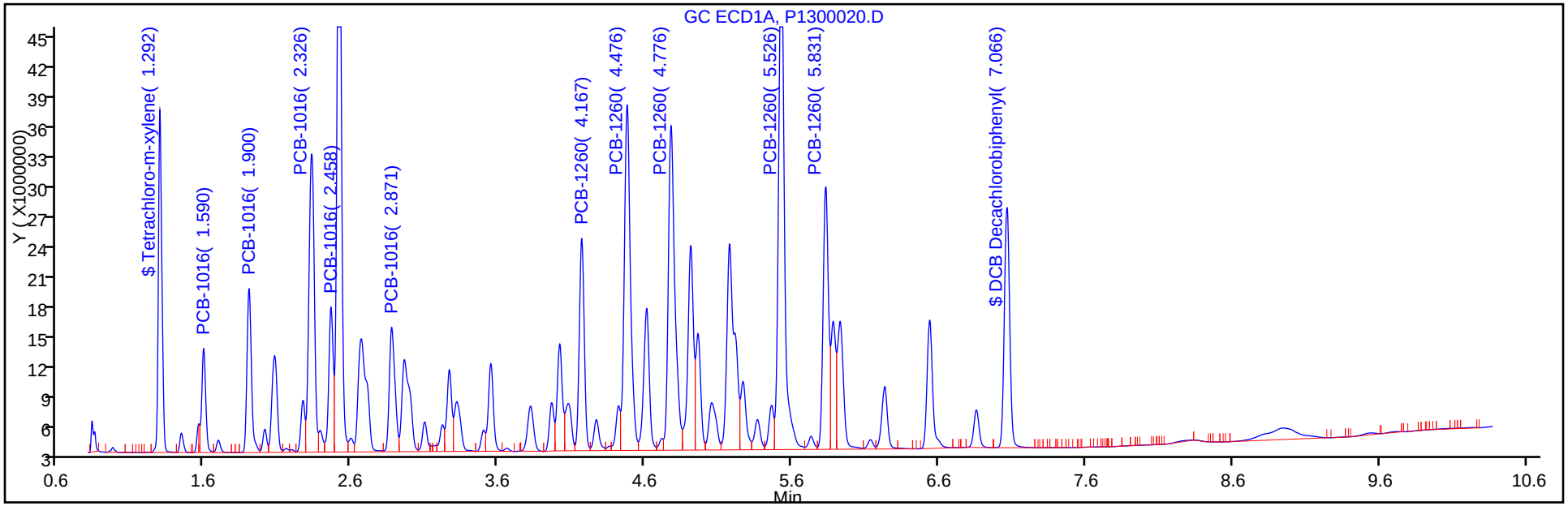
Report Date: 23-Nov-2012 07:46:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

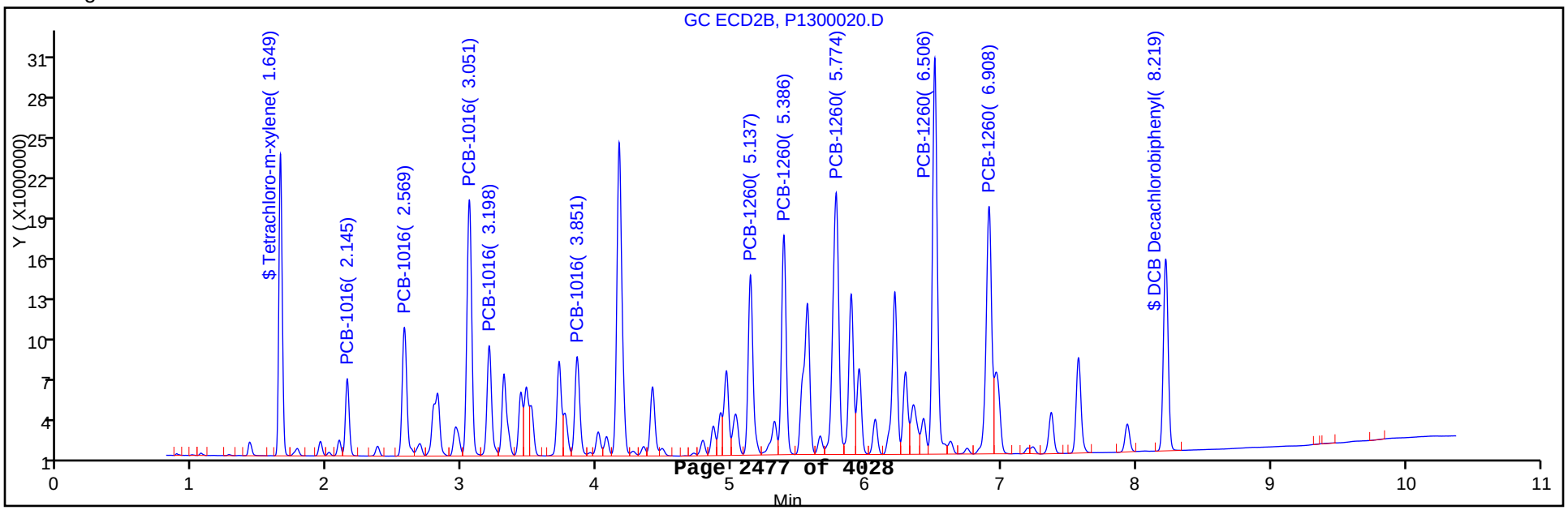
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300020.D

Injection Date:	21-Nov-2012 11:10:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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 VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/29 Calibration Date: 11/21/2012 13:25

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: P1300029.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	40851460		0.502	0.500	0.5	20.0
PCB-1016 Peak 2	Ave	71876982	70911130		0.493	0.500	-1.3	20.0
PCB-1016 Peak 3	Ave	155218061	157632172		0.508	0.500	1.6	20.0
PCB-1016 Peak 4	Ave	64472512	57051870		0.442	0.500	-11.5	20.0
PCB-1016 Peak 5	Ave	67849134	68104796		0.502	0.500	0.4	20.0
PCB-1260 Peak 1	Ave	101355640	100056204		0.494	0.500	-1.3	20.0
PCB-1260 Peak 2	Ave	200632590	202180778		0.504	0.500	0.8	20.0
PCB-1260 Peak 3	Ave	200043209	202380454		0.506	0.500	1.2	20.0
PCB-1260 Peak 4	Ave	271809958	279648402		0.514	0.500	2.9	20.0
PCB-1260 Peak 5	Ave	129152153	131460096		0.509	0.500	1.8	20.0
Tetrachloro-m-xylene	Ave	2282867563	2342142520		0.0256	0.0250	2.6	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2401583600		0.0257	0.0250	2.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/29 Calibration Date: 11/21/2012 13:25

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: P1300029.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	4.77	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	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300029.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 13:25:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015150-029
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 29
Lims Batch ID: 65860 Lims Sample ID: 29
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:24 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:23:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									M
1	44	1.292	1.292	0.000	58553563	0.0256			
2	2	1.649	1.649	0.000	39079087	0.0272			M
						RPD = 5.85			
6 PCB-1016									
1	100	1.590	1.590	0.000	20425730	0.5024		100.0	
1	2	1.900	1.900	0.000	35455565	0.4933	149.3- 199.3	173.6	
1	3	2.327	2.327	0.000	78816086	0.5078	350.2- 400.2	385.9	
1	4	2.459	2.459	0.000	28525935	0.4425	130.7- 180.7	139.7	
1	5	2.873	2.873	0.000	34052398	0.5019	137.9- 187.9	166.7	
			Average of Peak Amounts =			0.4896			
2	6	2.144	2.144	0.000	11579449	0.5152		100.0	
2	7	2.569	2.569	0.000	23736690	0.5060	176.5- 236.5	205.0	
2	8	3.051	3.051	0.000	48374600	0.5324	362.5- 422.5	417.8	
2	9	3.198	3.198	0.000	19916253	0.5144	137.9- 197.9	172.0	
2	10	3.850	3.850	0.000	18981043	0.5263	118.8- 178.8	163.9	
			Average of Peak Amounts =			0.5189			
						RPD = 5.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.166	0.000	50028102	0.4936		100.0	
1	2	4.476	4.476	0.000	101090389	0.5039	175.1- 225.1	202.1	
1	3	4.774	4.774	0.000	101190227	0.5058	173.2- 223.2	202.3	
1	4	5.526	5.526	0.000	139824201	0.5144	244.1- 294.1	279.5	
1	5	5.828	5.828	0.000	65730048	0.5089	101.5- 151.5	131.4	
			Average of Peak Amounts =			0.5053			
2	6	5.137	5.137	0.000	34353597	0.5154		100.0	
2	7	5.384	5.384	0.000	40664854	0.5357	86.6- 146.6	118.4	
2	8	5.772	5.772	0.000	61815243	0.5291	142.9- 202.9	179.9	
2	9	6.504	6.504	0.000	76609956	0.5384	179.5- 239.5	223.0	
2	10	6.908	6.908	0.000	55182673	0.5299	121.8- 181.8	160.6	
			Average of Peak Amounts =			0.5297			
						RPD = 4.71			
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	60039590	0.0257			
2	2	8.219	8.219	0.000	35878692	0.0266			
						RPD = 3.52			

QC Flag Legend

Review Flags
M - Manually Integrated

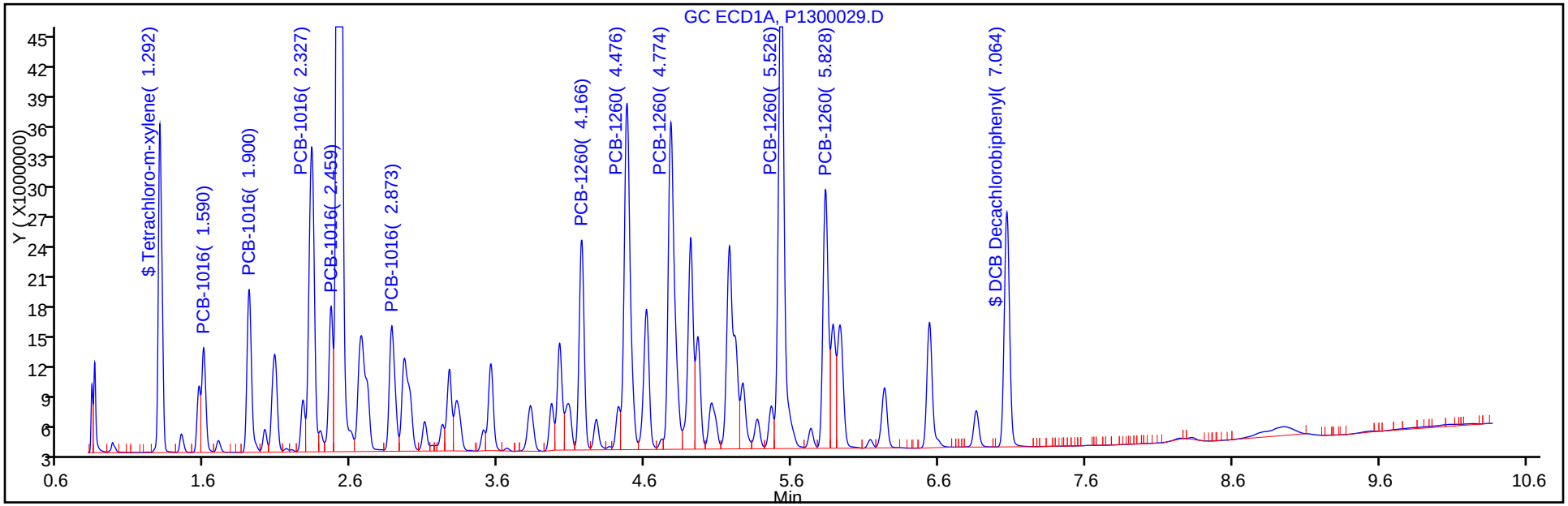
Report Date: 23-Nov-2012 07:46:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

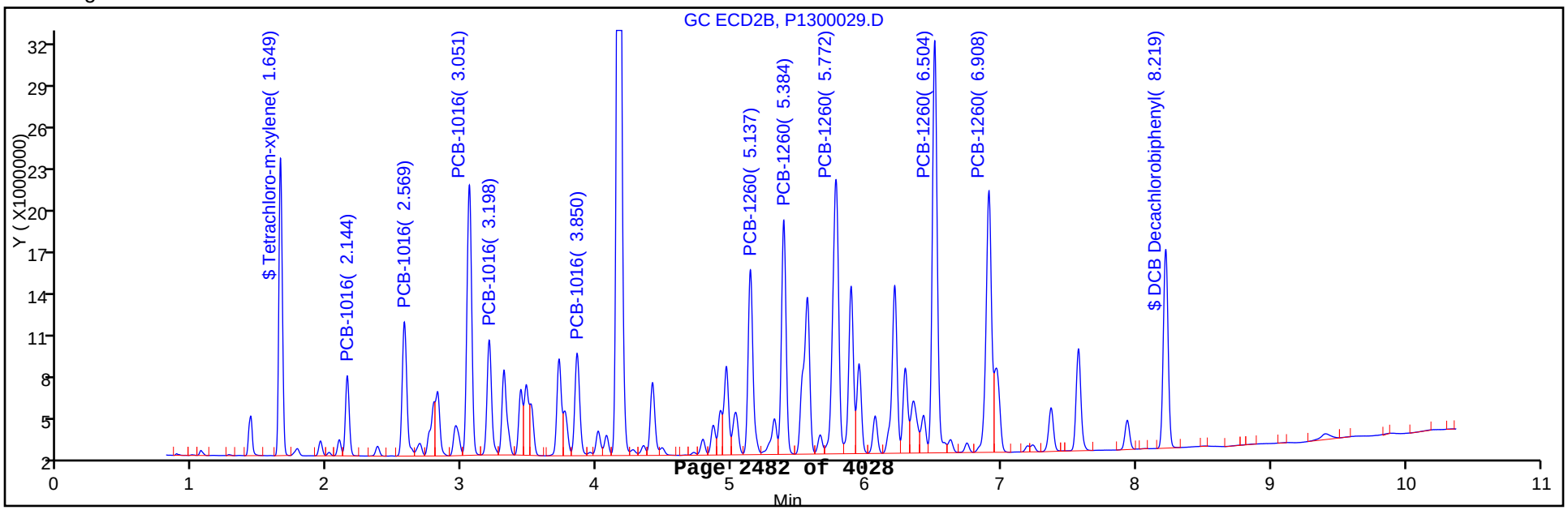
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300029.D

Injection Date:	21-Nov-2012 13:25:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/29 Calibration Date: 11/21/2012 13:25

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: P1300029.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	23158898		0.515	0.500	3.0	20.0
PCB-1016 Peak 2	Ave	46910344	47473380		0.506	0.500	1.2	20.0
PCB-1016 Peak 3	Ave	90857261	96749200		0.532	0.500	6.5	20.0
PCB-1016 Peak 4	Ave	38716589	39832506		0.514	0.500	2.9	20.0
PCB-1016 Peak 5	Ave	36067525	37962086		0.526	0.500	5.3	20.0
PCB-1260 Peak 1	Ave	66648717	68707194		0.515	0.500	3.1	20.0
PCB-1260 Peak 2	Lin1		81329708		0.536	0.500	7.1	20.0
PCB-1260 Peak 3	Ave	116834929	123630486		0.529	0.500	5.8	20.0
PCB-1260 Peak 4	Ave	142290611	153219912		0.538	0.500	7.7	20.0
PCB-1260 Peak 5	Ave	104134113	110365346		0.530	0.500	6.0	20.0
Tetrachloro-m-xylene	Ave	1437051097	1563163480		0.0272	0.0250	8.8	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1435147680		0.0266	0.0250	6.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/29 Calibration Date: 11/21/2012 13:25

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: P1300029.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\20121121-15150.b\P1300029.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 13:25:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015150-029
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 29
Lims Batch ID: 65860 Lims Sample ID: 29
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:24 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:23:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									M
1	44	1.292	1.292	0.000	58553563	0.0256			
2	2	1.649	1.649	0.000	39079087	0.0272			M
						RPD = 5.85			
6 PCB-1016									
1	100	1.590	1.590	0.000	20425730	0.5024		100.0	
1	2	1.900	1.900	0.000	35455565	0.4933	149.3- 199.3	173.6	
1	3	2.327	2.327	0.000	78816086	0.5078	350.2- 400.2	385.9	
1	4	2.459	2.459	0.000	28525935	0.4425	130.7- 180.7	139.7	
1	5	2.873	2.873	0.000	34052398	0.5019	137.9- 187.9	166.7	
			Average of Peak Amounts =			0.4896			
2	6	2.144	2.144	0.000	11579449	0.5152		100.0	
2	7	2.569	2.569	0.000	23736690	0.5060	176.5- 236.5	205.0	
2	8	3.051	3.051	0.000	48374600	0.5324	362.5- 422.5	417.8	
2	9	3.198	3.198	0.000	19916253	0.5144	137.9- 197.9	172.0	
2	10	3.850	3.850	0.000	18981043	0.5263	118.8- 178.8	163.9	
			Average of Peak Amounts =			0.5189			
						RPD = 5.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.166	0.000	50028102	0.4936		100.0	
1	2	4.476	4.476	0.000	101090389	0.5039	175.1- 225.1	202.1	
1	3	4.774	4.774	0.000	101190227	0.5058	173.2- 223.2	202.3	
1	4	5.526	5.526	0.000	139824201	0.5144	244.1- 294.1	279.5	
1	5	5.828	5.828	0.000	65730048	0.5089	101.5- 151.5	131.4	
			Average of Peak Amounts =			0.5053			
2	6	5.137	5.137	0.000	34353597	0.5154		100.0	
2	7	5.384	5.384	0.000	40664854	0.5357	86.6- 146.6	118.4	
2	8	5.772	5.772	0.000	61815243	0.5291	142.9- 202.9	179.9	
2	9	6.504	6.504	0.000	76609956	0.5384	179.5- 239.5	223.0	
2	10	6.908	6.908	0.000	55182673	0.5299	121.8- 181.8	160.6	
			Average of Peak Amounts =			0.5297			
						RPD = 4.71			
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	60039590	0.0257			
2	2	8.219	8.219	0.000	35878692	0.0266			
						RPD = 3.52			

QC Flag Legend

Review Flags
M - Manually Integrated

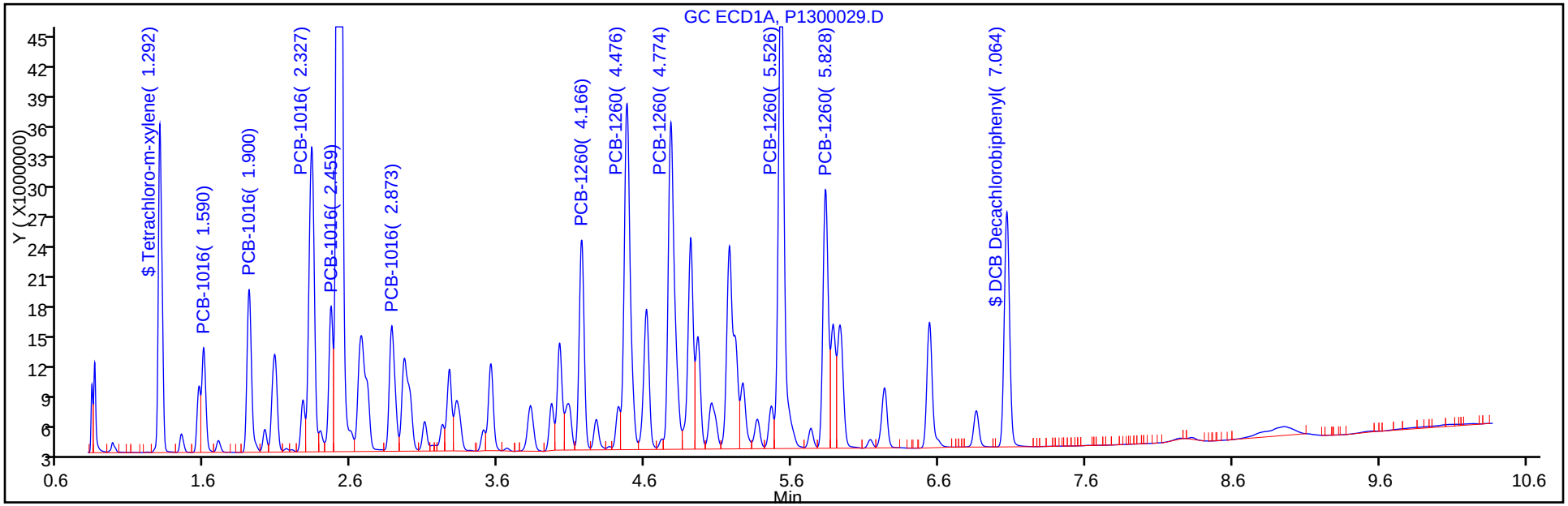
Report Date: 23-Nov-2012 07:46:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

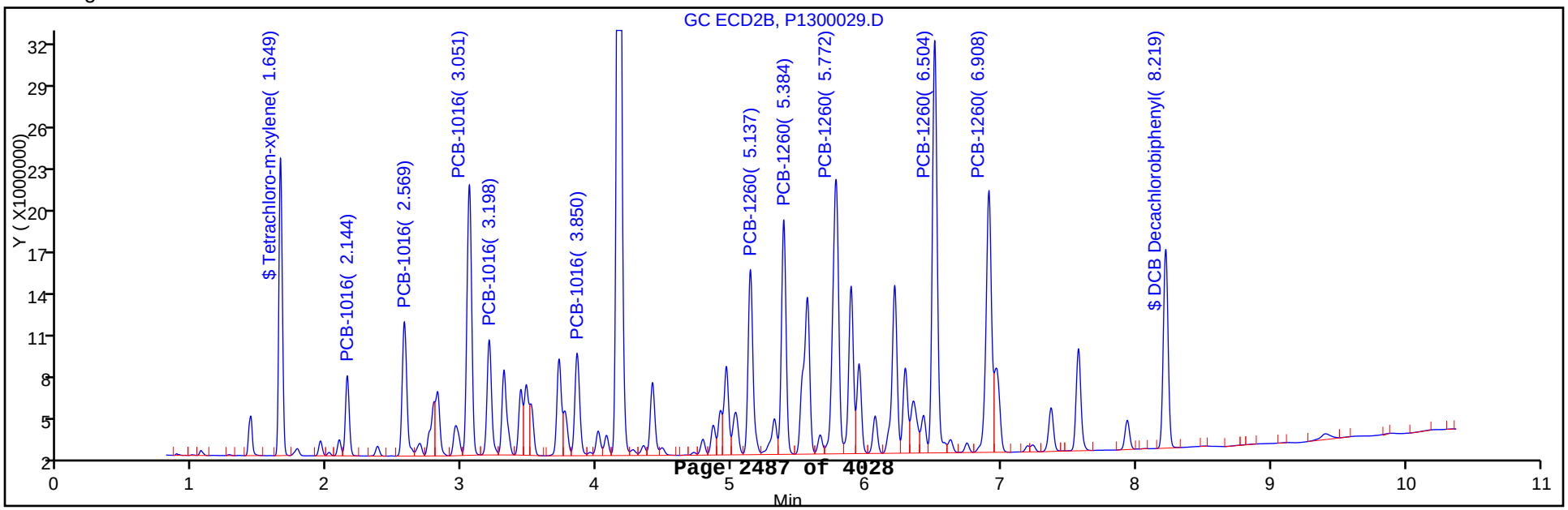
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300029.D

Injection Date:	21-Nov-2012 13:25:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



Manual Integration/User Assign Peak Report

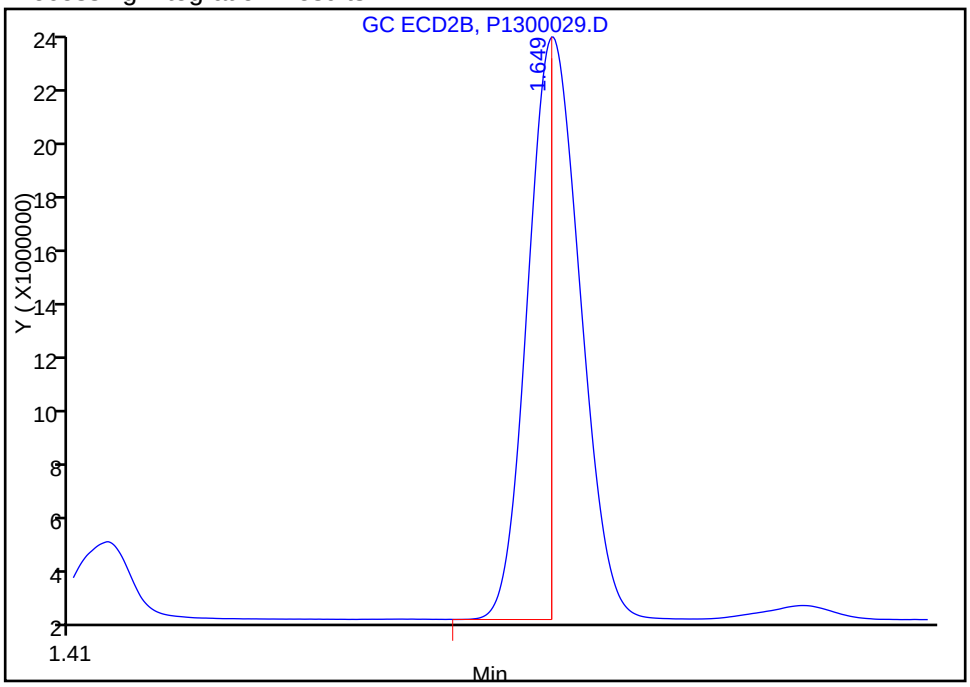
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300029.D		
Injection Date:	21-Nov-2012 13:25:23	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

$ 2 Tetrachloro-m-xylene, Signal: 2, Type: quant, RT: 1.65, Det: GC ecd2b

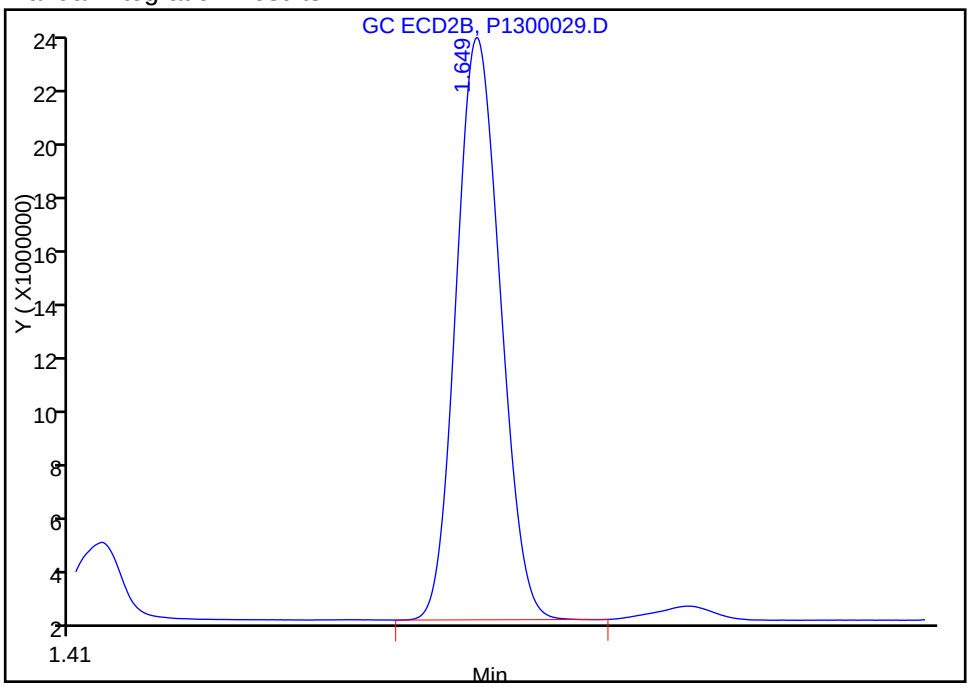
Processing Integration Results

RT: 1.65
Response: 17626610
Amount: 0.012266



Manual Integration Results

RT: 1.65
Response: 39079087
Amount: 0.027194



Reviewer: hassl, 23-Nov-2012 07:37:02
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-65860/34 Calibration Date: 11/21/2012 14:40

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: P1300034.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	39951464		0.491	0.500	-1.7	
PCB-1016 Peak 2	Ave	71876982	69455232		0.483	0.500	-3.4	
PCB-1016 Peak 3	Ave	155218061	155719172		0.502	0.500	0.3	
PCB-1016 Peak 4	Ave	64472512	56409022		0.437	0.500	-12.5	
PCB-1016 Peak 5	Ave	67849134	67262048		0.496	0.500	-0.9	
PCB-1260 Peak 1	Ave	101355640	99850374		0.493	0.500	-1.5	
PCB-1260 Peak 2	Ave	200632590	202413934		0.504	0.500	0.9	
PCB-1260 Peak 3	Ave	200043209	203265514		0.508	0.500	1.6	
PCB-1260 Peak 4	Ave	271809958	282872050		0.520	0.500	4.1	
PCB-1260 Peak 5	Ave	129152153	131227460		0.508	0.500	1.6	
Tetrachloro-m-xylene	Ave	2282867563	2297779640		0.0252	0.0250	0.7	
DCB Decachlorobiphenyl	Ave	2334659370	2433084680		0.0261	0.0250	4.2	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/34 Calibration Date: 11/21/2012 14:40

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: P1300034.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	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300034.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	21-Nov-2012 14:40:03	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015150-034		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	34
Lims Batch ID:	65860	Lims Sample ID:	34
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:30	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:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:29:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	57444491	0.0252			
2	2	1.648	1.648	0.000	38701522	0.0269			
						RPD = 6.79			
6 PCB-1016									
1	100	1.589	1.589	0.000	19975732	0.4913		100.0	
1	2	1.899	1.899	0.000	34727616	0.4832	149.3- 199.3	173.8	
1	3	2.327	2.327	0.000	77859586	0.5016	350.2- 400.2	389.8	
1	4	2.458	2.458	0.000	28204511	0.4375	130.7- 180.7	141.2	
1	5	2.871	2.871	0.000	33631024	0.4957	137.9- 187.9	168.4	
			Average of Peak Amounts =			0.4818			
2	6	2.144	2.144	0.000	11265165	0.5013		100.0	
2	7	2.568	2.568	0.000	23225594	0.4951	176.5- 236.5	206.2	
2	8	3.050	3.050	0.000	47192857	0.5194	362.5- 422.5	418.9	
2	9	3.198	3.198	0.000	19423633	0.5017	137.9- 197.9	172.4	
2	10	3.850	3.850	0.000	18655231	0.5172	118.8- 178.8	165.6	
			Average of Peak Amounts =			0.5069			
						RPD = 5.08			

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	49925187	0.4926		100.0	
1	2	4.475	4.475	0.000	101206967	0.5044	175.1- 225.1	202.7	
1	3	4.775	4.775	0.000	101632757	0.5081	173.2- 223.2	203.6	
1	4	5.527	5.527	0.000	141436025	0.5203	244.1- 294.1	283.3	
1	5	5.828	5.828	0.000	65613730	0.5080	101.5- 151.5	131.4	
			Average of Peak Amounts =			0.5067			
2	6	5.138	5.138	0.000	34249233	0.5139		100.0	
2	7	5.384	5.384	0.000	40333949	0.5310	86.6- 146.6	117.8	
2	8	5.773	5.773	0.000	61131105	0.5232	142.9- 202.9	178.5	
2	9	6.504	6.504	0.000	75448717	0.5302	179.5- 239.5	220.3	
2	10	6.907	6.907	0.000	54586165	0.5242	121.8- 181.8	159.4	
			Average of Peak Amounts =			0.5245			
						RPD = 3.46			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	60827117	0.0261			
2	2	8.220	8.220	0.000	35826233	0.0266			
						RPD = 2.07			

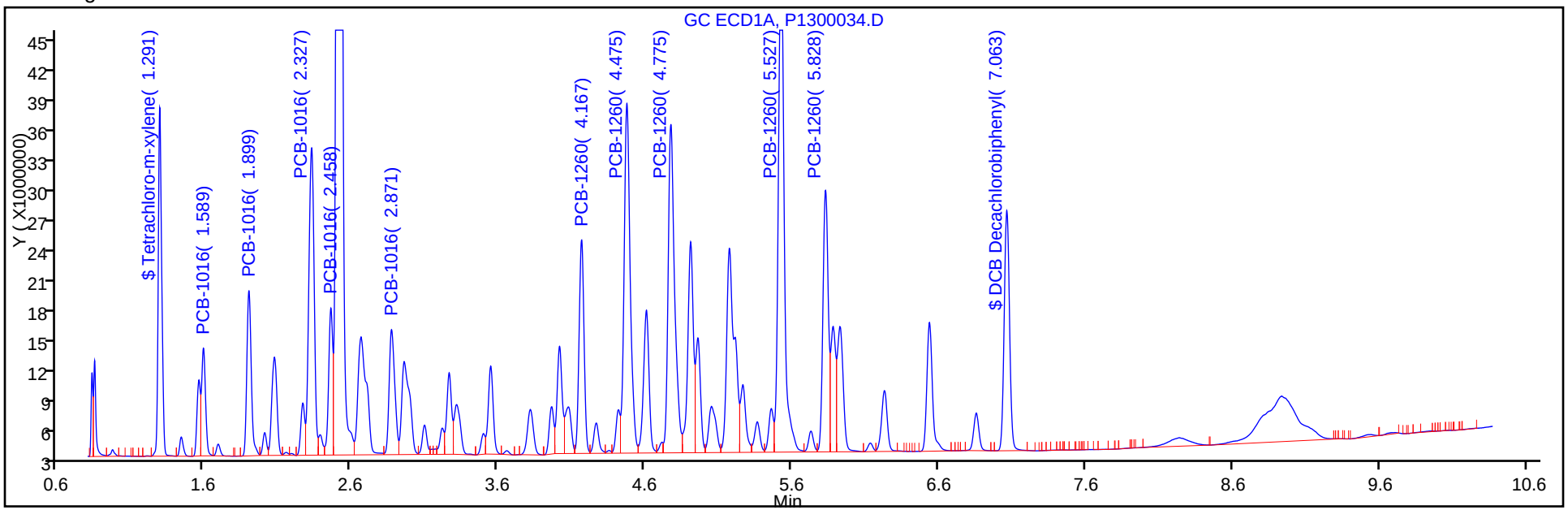
Report Date: 23-Nov-2012 07:46:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

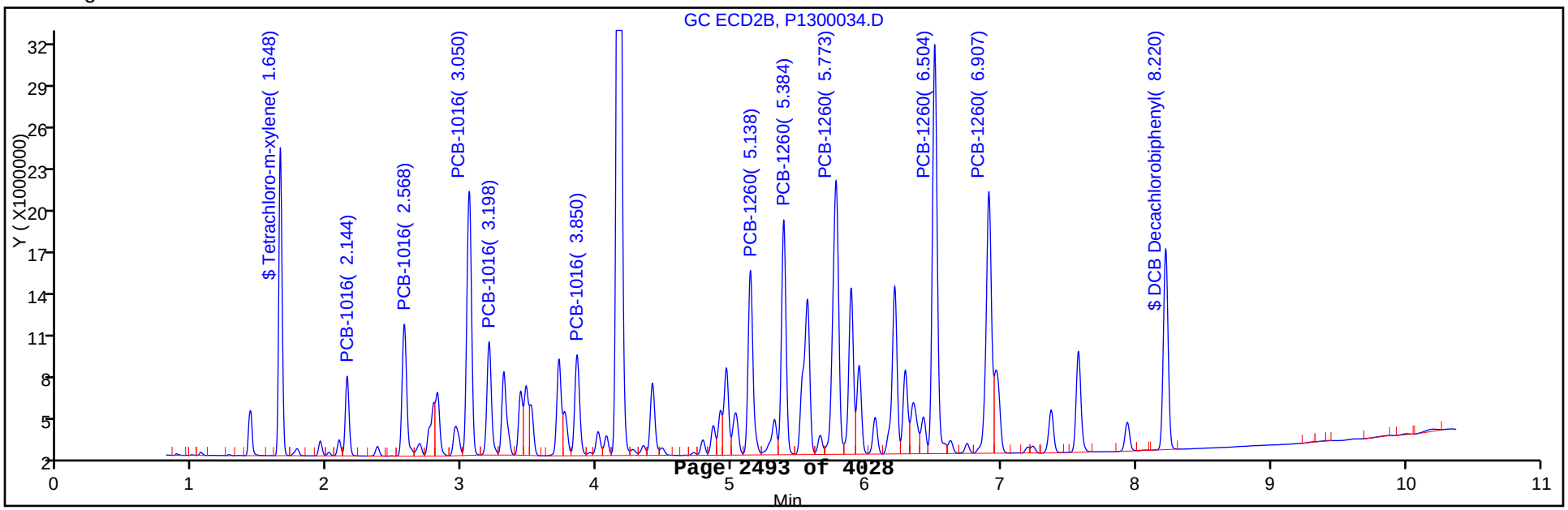
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300034.D

Injection Date:	21-Nov-2012 14:40:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	34
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.: 240-17422-1

SDG No.:

Lab Sample ID: CCV 240-65860/34 Calibration Date: 11/21/2012 14:40

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: P1300034.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	22530330		0.501	0.500	0.3	
PCB-1016 Peak 2	Ave	46910344	46451188		0.495	0.500	-1.0	
PCB-1016 Peak 3	Ave	90857261	94385714		0.519	0.500	3.9	
PCB-1016 Peak 4	Ave	38716589	38847266		0.502	0.500	0.3	
PCB-1016 Peak 5	Ave	36067525	37310462		0.517	0.500	3.4	
PCB-1260 Peak 1	Ave	66648717	68498466		0.514	0.500	2.8	
PCB-1260 Peak 2	Lin1		80667898		0.531	0.500	6.2	
PCB-1260 Peak 3	Ave	116834929	122262210		0.523	0.500	4.6	
PCB-1260 Peak 4	Ave	142290611	150897434		0.530	0.500	6.0	
PCB-1260 Peak 5	Ave	104134113	109172330		0.524	0.500	4.8	
Tetrachloro-m-xylene	Ave	1437051097	1548060880		0.0269	0.0250	7.7	
DCB Decachlorobiphenyl	Ave	1346914135	1433049320		0.0266	0.0250	6.4	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-65860/34 Calibration Date: 11/21/2012 14:40

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: P1300034.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\20121121-15150.b\P1300034.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 21-Nov-2012 14:40:03 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015150-034
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 34
Lims Batch ID: 65860 Lims Sample ID: 34
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:30 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: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:29:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.291	1.291	0.000	57444491	0.0252			
2	2	1.648	1.648	0.000	38701522	0.0269			
						RPD = 6.79			
6 PCB-1016									
1	100	1.589	1.589	0.000	19975732	0.4913		100.0	
1	2	1.899	1.899	0.000	34727616	0.4832	149.3- 199.3	173.8	
1	3	2.327	2.327	0.000	77859586	0.5016	350.2- 400.2	389.8	
1	4	2.458	2.458	0.000	28204511	0.4375	130.7- 180.7	141.2	
1	5	2.871	2.871	0.000	33631024	0.4957	137.9- 187.9	168.4	
			Average of Peak Amounts =			0.4818			
2	6	2.144	2.144	0.000	11265165	0.5013		100.0	
2	7	2.568	2.568	0.000	23225594	0.4951	176.5- 236.5	206.2	
2	8	3.050	3.050	0.000	47192857	0.5194	362.5- 422.5	418.9	
2	9	3.198	3.198	0.000	19423633	0.5017	137.9- 197.9	172.4	
2	10	3.850	3.850	0.000	18655231	0.5172	118.8- 178.8	165.6	
			Average of Peak Amounts =			0.5069			
						RPD = 5.08			

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	49925187	0.4926		100.0	
1	2	4.475	4.475	0.000	101206967	0.5044	175.1- 225.1	202.7	
1	3	4.775	4.775	0.000	101632757	0.5081	173.2- 223.2	203.6	
1	4	5.527	5.527	0.000	141436025	0.5203	244.1- 294.1	283.3	
1	5	5.828	5.828	0.000	65613730	0.5080	101.5- 151.5	131.4	
			Average of Peak Amounts =			0.5067			
2	6	5.138	5.138	0.000	34249233	0.5139		100.0	
2	7	5.384	5.384	0.000	40333949	0.5310	86.6- 146.6	117.8	
2	8	5.773	5.773	0.000	61131105	0.5232	142.9- 202.9	178.5	
2	9	6.504	6.504	0.000	75448717	0.5302	179.5- 239.5	220.3	
2	10	6.907	6.907	0.000	54586165	0.5242	121.8- 181.8	159.4	
			Average of Peak Amounts =			0.5245			
						RPD = 3.46			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	60827117	0.0261			
2	2	8.220	8.220	0.000	35826233	0.0266			
						RPD = 2.07			

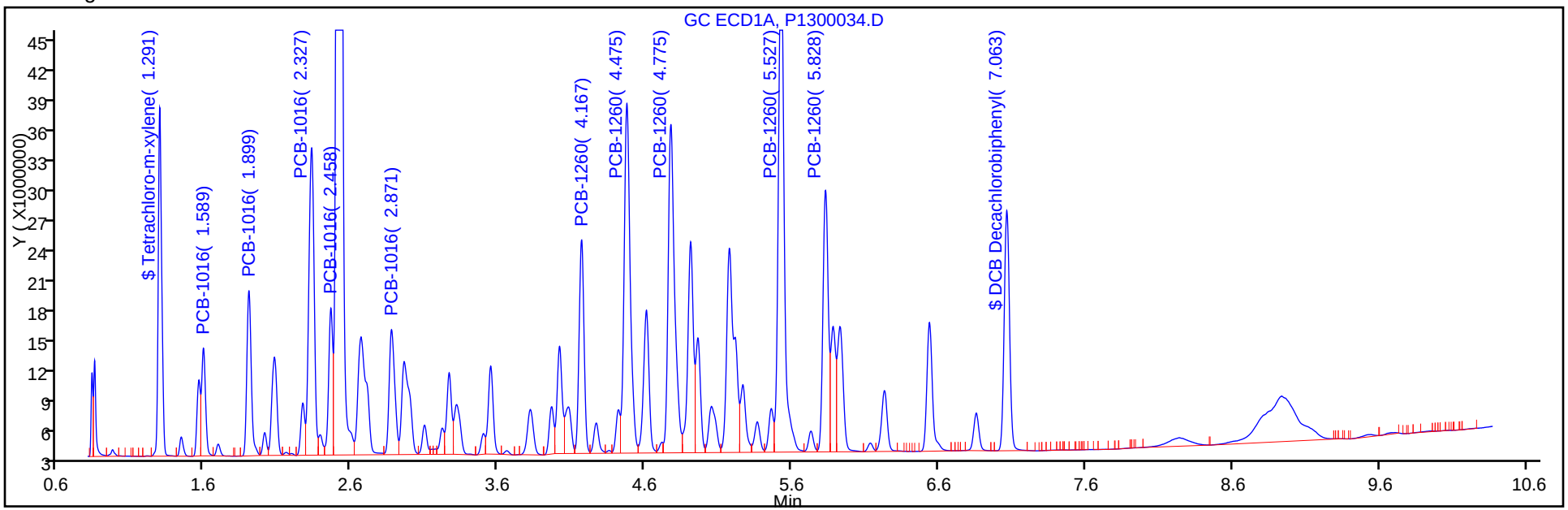
Report Date: 23-Nov-2012 07:46:30 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

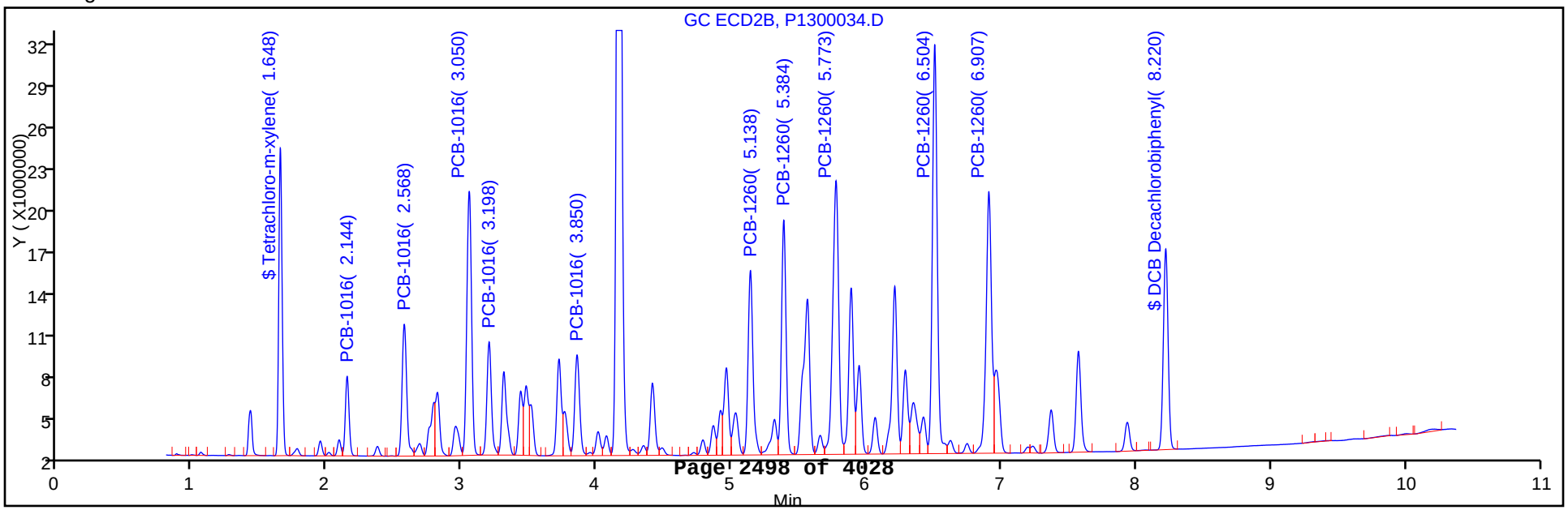
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300034.D

Injection Date:	21-Nov-2012 14:40:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-64779/13-A

Matrix: Water Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1000(mL) Date Analyzed: 11/18/2012 17:27

Con. Extract Vol.: 5.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		40-140
2051-24-3	DCB Decachlorobiphenyl	85		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300016.D		
Lims ID:	MB 240-64779/13-A	Client ID:	
Inject. Date:	18-Nov-2012 17:27:47	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015025-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	65363	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:45	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.294	0.004	80012439	0.0350			
2	2	1.653	1.650	0.003	52691870	0.0367			
						RPD = 4.51			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									1
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
9 PCB-1262									1
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									1
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	78996382	0.0338			
2	2	8.218	8.219	-0.001	48312851	0.0359			
						RPD = 5.83			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

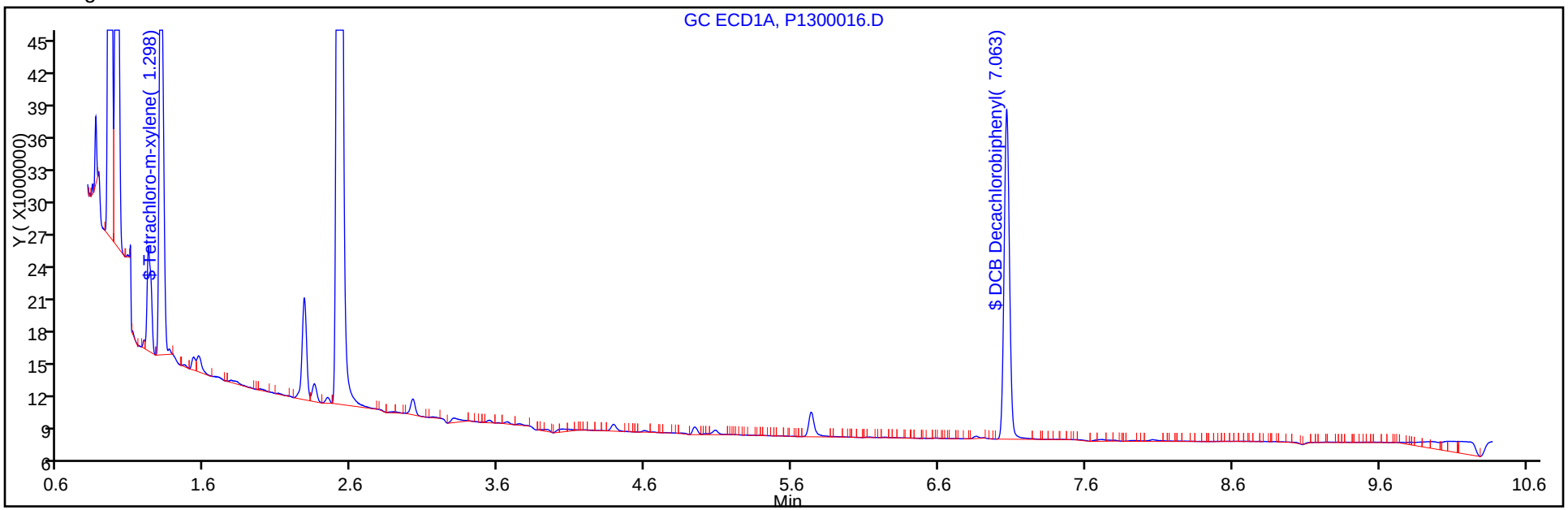
Report Date: 19-Nov-2012 11:08:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

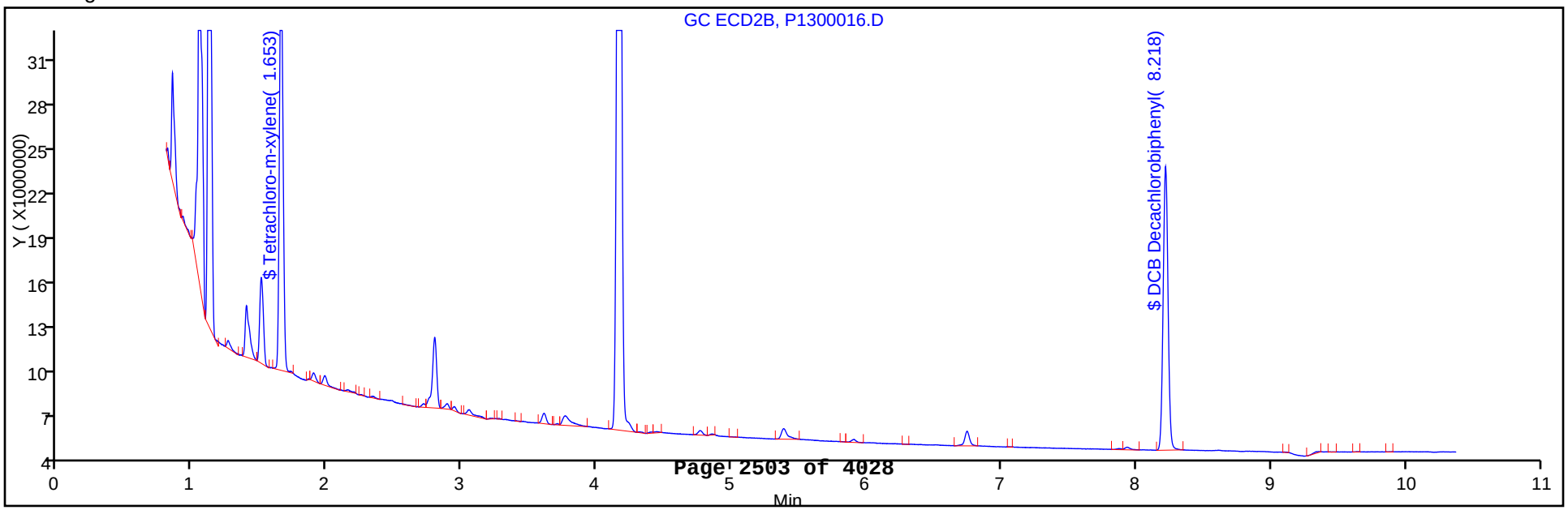
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300016.D

Injection Date:	18-Nov-2012 17:27:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64779/13-A

Matrix: Water | Lab File ID: P1300016.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1000(mL) | Date Analyzed: 11/18/2012 17:27

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.20	U	0.50	0.20	0.13
12674-11-2	Aroclor-1016	0.20	U	0.50	0.20	0.17
11141-16-5	Aroclor-1232	0.20	U	0.50	0.20	0.16
53469-21-9	Aroclor-1242	0.40	U	0.50	0.40	0.22
12672-29-6	Aroclor-1248	0.20	U	0.50	0.20	0.10
11097-69-1	Aroclor-1254	0.20	U	0.50	0.20	0.16
11096-82-5	Aroclor-1260	0.20	U	0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-140
2051-24-3	DCB Decachlorobiphenyl	90		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300016.D		
Lims ID:	MB 240-64779/13-A	Client ID:	
Inject. Date:	18-Nov-2012 17:27:47	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015025-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	65363	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m		
Last Update:	19-Nov-2012 11:08:45	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

First Level Reviewer: hassl Date: 19-Nov-2012 11:05:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.298	1.294	0.004	80012439	0.0350			
2	2	1.653	1.650	0.003	52691870	0.0367			
						RPD = 4.51			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100		1.593						
1	2		1.901						
1	3		2.328						
1	4		2.459						
1	5		2.871						
2	6		2.146						
2	7		2.569						
2	8		3.052						
2	9		3.199						
2	10		3.852						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									1
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.167						
1	2		4.476						
1	3		4.774						
1	4		5.524						
1	5		5.828						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.907						
9 PCB-1262									1
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									1
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	78996382	0.0338			
2	2	8.218	8.219	-0.001	48312851	0.0359			
						RPD = 5.83			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

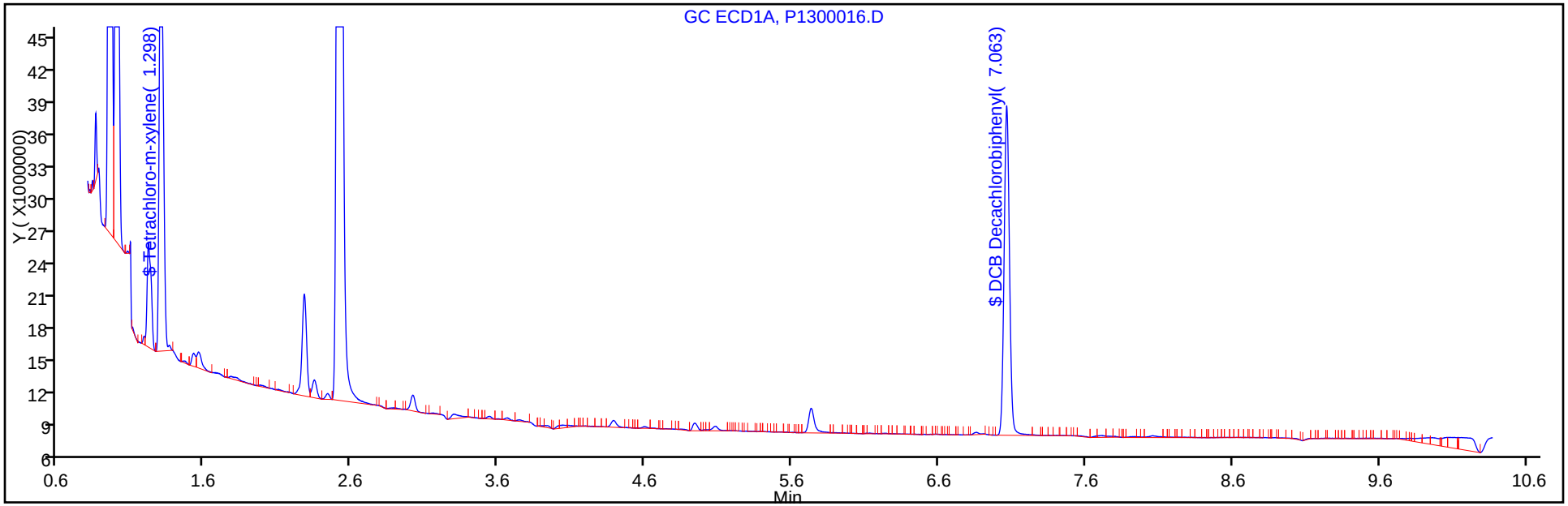
Report Date: 19-Nov-2012 11:08:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

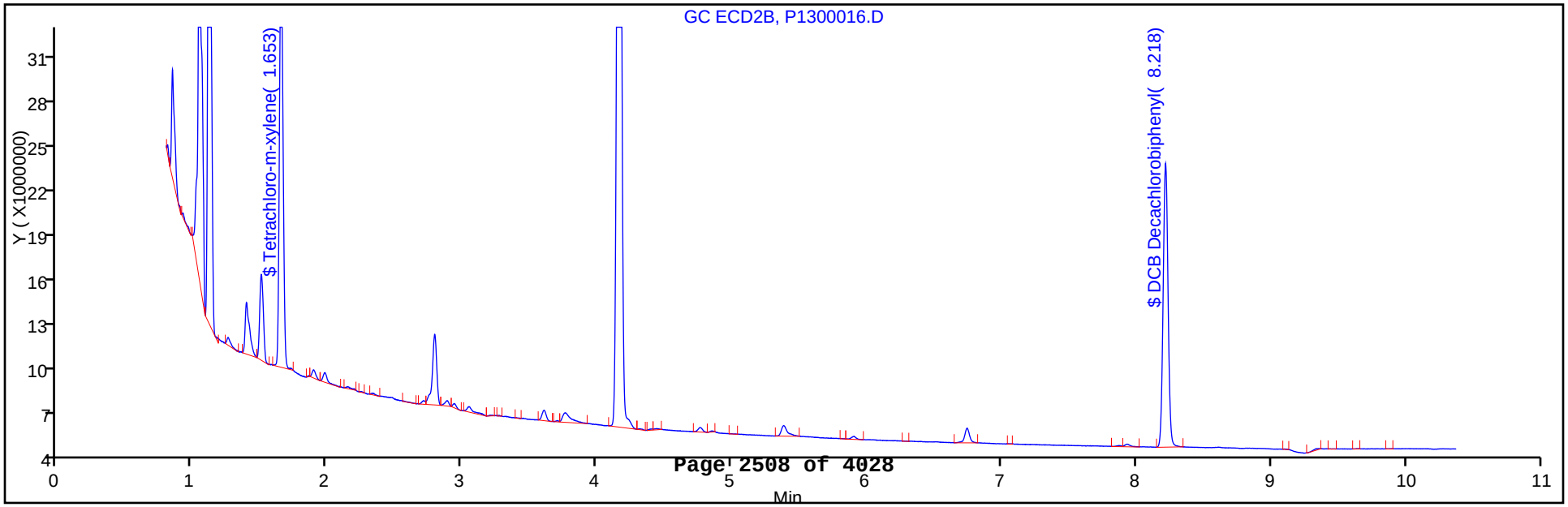
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300016.D

Injection Date:	18-Nov-2012 17:27:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65499/23-A

Matrix: Solid | Lab File ID: P1300019.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 10:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	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	77		40-140
2051-24-3	DCB Decachlorobiphenyl	90		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300019.D
Lims ID: MB 240-65499/23-A
Client ID:
Inject. Date: 21-Nov-2012 10:55:59
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015150-019
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 19
Lims Batch ID: 65860
Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:05
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK029

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	1.292	1.291	0.001	34098406	0.0149			
2	2	1.649	1.648	0.001	22149282	0.0154			
						RPD = 3.14			
3 PCB-1221									1
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									1
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									1
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									1
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.167						
1	2		4.475						
1	3		4.775						
1	4		5.528						
1	5		5.829						
2	6		5.137						
2	7		5.384						
2	8		5.771						
2	9		6.504						
2	10		6.908						
9 PCB-1262									1
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	40728138	0.0174			
2	2	8.219	8.219	0.000	24321194	0.0181			
						RPD = 3.45			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

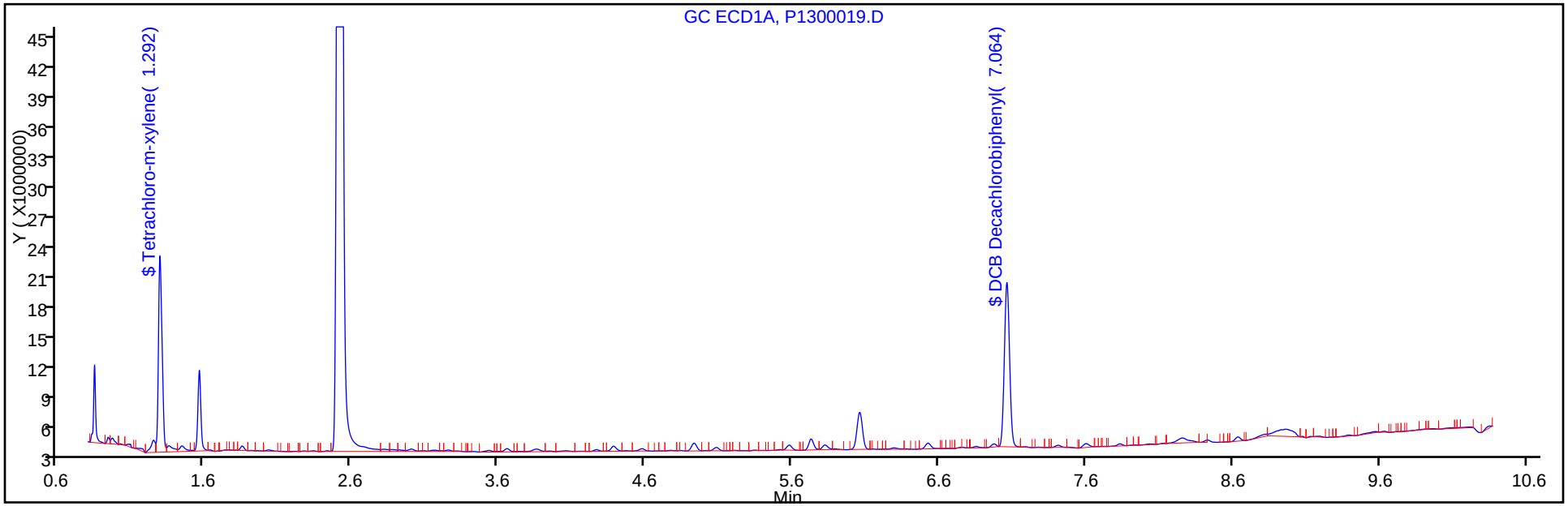
Report Date: 23-Nov-2012 07:46:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

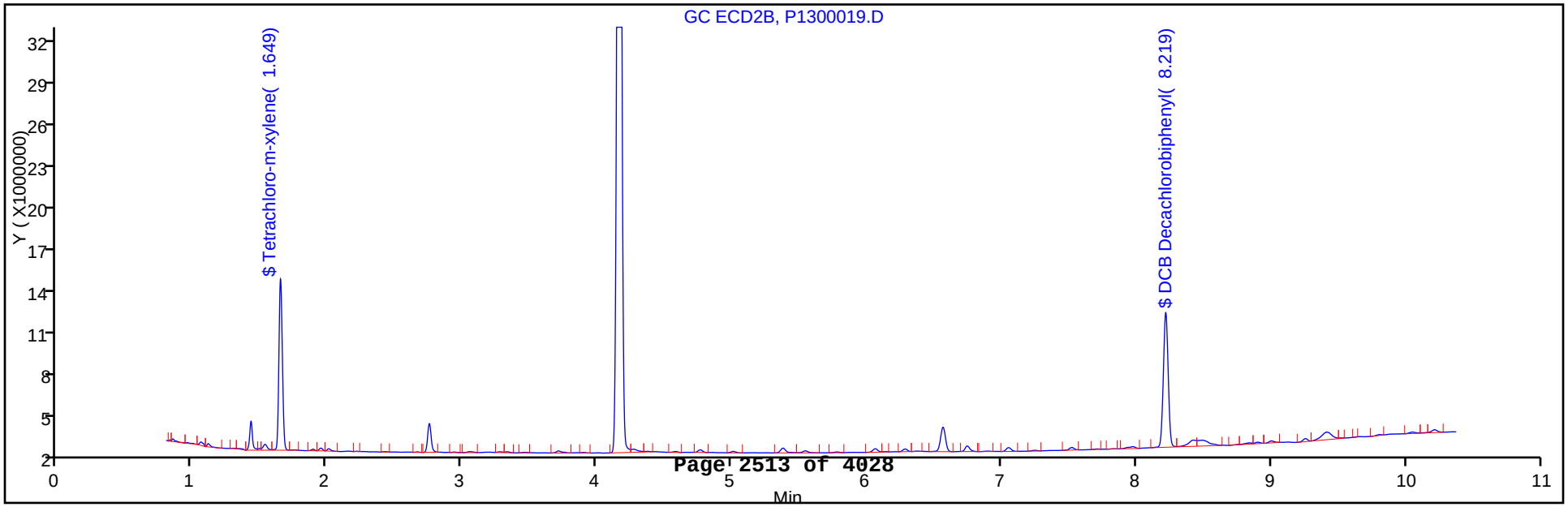
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300019.D

Injection Date:	21-Nov-2012 10:55:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64779/14-A

Matrix: Water | Lab File ID: P1300024.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1000(mL) | Date Analyzed: 11/18/2012 19:27

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	85		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300024.D
Lims ID: LCS 240-64779/14-A Client ID:
Inject. Date: 18-Nov-2012 19:27:02 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015025-024
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 24
Lims Batch ID: 65363 Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:36 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.291	0.006	69808821	0.0306			
2	2	1.652	1.647	0.005	51270876	0.0357			
						RPD = 15.39			
6 PCB-1016									
1	100	1.593	1.589	0.004	29204239	0.7183		100.0	
1	2	1.903	1.898	0.005	53180644	0.7399	149.3- 199.3	182.1	
1	3	2.330	2.325	0.005	134468459	0.8663	350.2- 400.2	460.4	
1	4	2.461	2.457	0.004	44713494	0.6935	130.7- 180.7	153.1	
1	5	2.873	2.870	0.003	51696256	0.7619	137.9- 187.9	177.0	
			Average of Peak Amounts =			0.7560			
2	6	2.148	2.143	0.005	19851089	0.8833		100.0	
2	7	2.570	2.568	0.002	39642391	0.8451	176.5- 236.5	199.7	
2	8	3.052	3.050	0.002	89576795	0.9859	362.5- 422.5	451.2	
2	9	3.199	3.197	0.002	33909601	0.8758	137.9- 197.9	170.8	
2	10	3.852	3.850	0.002	28945399	0.8025	118.8- 178.8	145.8	
			Average of Peak Amounts =			0.8785			
						RPD = 14.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.168	4.165	0.003	81228808	0.8014		100.0	
1	2	4.476	4.475	0.001	162709944	0.8110	175.1- 225.1	200.3	
1	3	4.775	4.774	0.001	162110930	0.8104	173.2- 223.2	199.6	
1	4	5.525	5.525	0.000	228073442	0.8391	244.1- 294.1	280.8	
1	5	5.828	5.828	0.000	105985445	0.8206	101.5- 151.5	130.5	
			Average of Peak Amounts =			0.8165			
2	6	5.137	5.136	0.001	58402400	0.8763		100.0	
2	7	5.385	5.384	0.001	71484069	0.9748	86.6- 146.6	122.4	
2	8	5.773	5.771	0.002	107974167	0.9242	142.9- 202.9	184.9	
2	9	6.506	6.504	0.002	139982278	0.9838	179.5- 239.5	239.7	
2	10	6.908	6.907	0.001	98899267	0.9497	121.8- 181.8	169.3	
			Average of Peak Amounts =			0.9417			
						RPD = 14.25			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	79161725	0.0339			
2	2	8.218	8.219	-0.001	49350539	0.0366			
						RPD = 7.75			

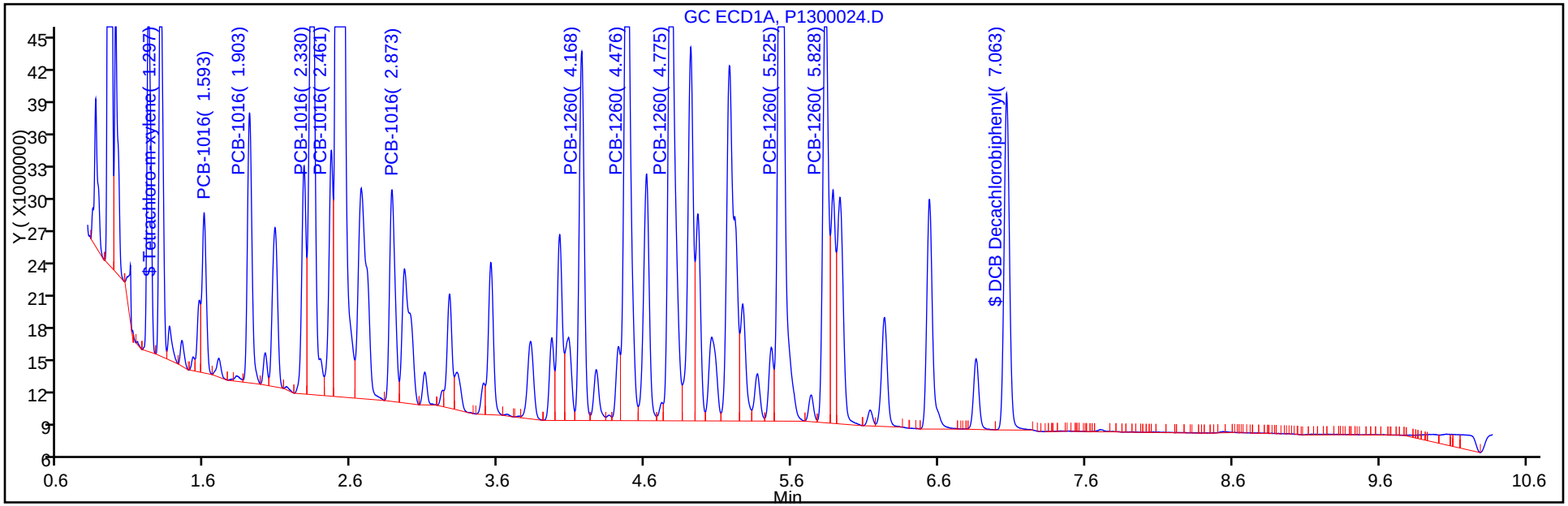
Report Date: 19-Nov-2012 11:08:39 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

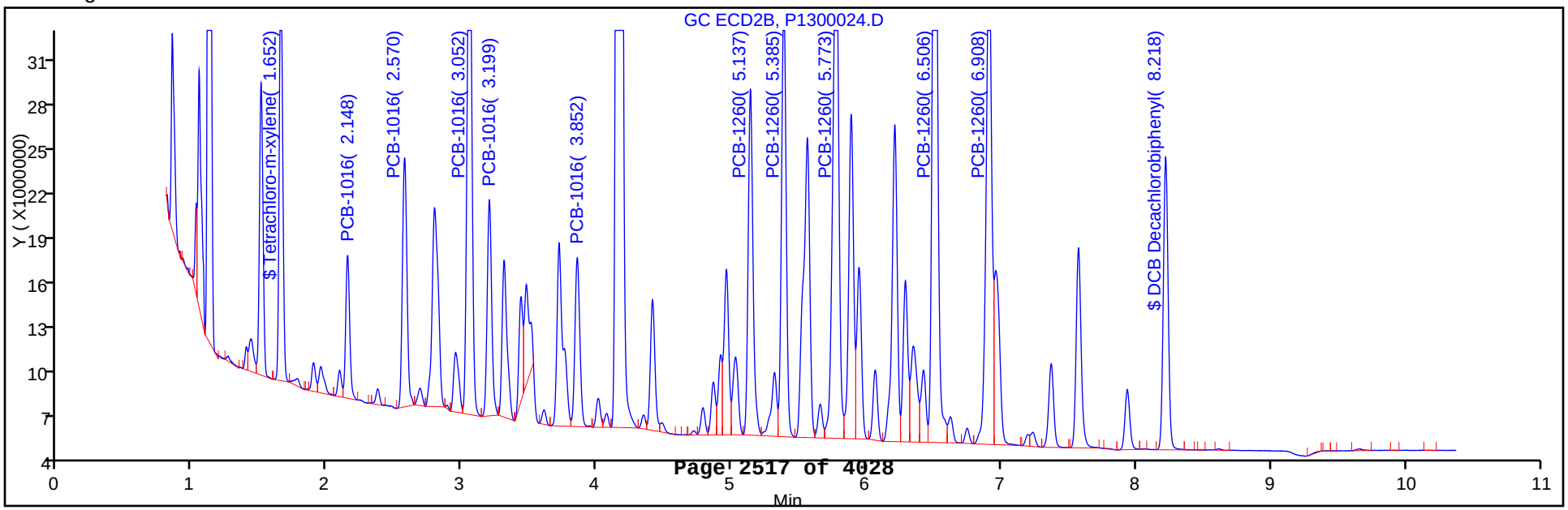
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300024.D

Injection Date:	18-Nov-2012 19:27:02	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64779/14-A

Matrix: Water | Lab File ID: P1300024.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1000(mL) | Date Analyzed: 11/18/2012 19:27

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	4.39		0.50	0.20	0.17
11096-82-5	Aroclor-1260	4.71		0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-140
2051-24-3	DCB Decachlorobiphenyl	92		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300024.D
Lims ID: LCS 240-64779/14-A Client ID:
Inject. Date: 18-Nov-2012 19:27:02 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015025-024
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 24
Lims Batch ID: 65363 Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:36 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.291	0.006	69808821	0.0306			
2	2	1.652	1.647	0.005	51270876	0.0357			
						RPD = 15.39			
6 PCB-1016									
1	100	1.593	1.589	0.004	29204239	0.7183		100.0	
1	2	1.903	1.898	0.005	53180644	0.7399	149.3- 199.3	182.1	
1	3	2.330	2.325	0.005	134468459	0.8663	350.2- 400.2	460.4	
1	4	2.461	2.457	0.004	44713494	0.6935	130.7- 180.7	153.1	
1	5	2.873	2.870	0.003	51696256	0.7619	137.9- 187.9	177.0	
			Average of Peak Amounts =			0.7560			
2	6	2.148	2.143	0.005	19851089	0.8833		100.0	
2	7	2.570	2.568	0.002	39642391	0.8451	176.5- 236.5	199.7	
2	8	3.052	3.050	0.002	89576795	0.9859	362.5- 422.5	451.2	
2	9	3.199	3.197	0.002	33909601	0.8758	137.9- 197.9	170.8	
2	10	3.852	3.850	0.002	28945399	0.8025	118.8- 178.8	145.8	
			Average of Peak Amounts =			0.8785			
						RPD = 14.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.168	4.165	0.003	81228808	0.8014		100.0	
1	2	4.476	4.475	0.001	162709944	0.8110	175.1- 225.1	200.3	
1	3	4.775	4.774	0.001	162110930	0.8104	173.2- 223.2	199.6	
1	4	5.525	5.525	0.000	228073442	0.8391	244.1- 294.1	280.8	
1	5	5.828	5.828	0.000	105985445	0.8206	101.5- 151.5	130.5	
			Average of Peak Amounts =			0.8165			
2	6	5.137	5.136	0.001	58402400	0.8763		100.0	
2	7	5.385	5.384	0.001	71484069	0.9748	86.6- 146.6	122.4	
2	8	5.773	5.771	0.002	107974167	0.9242	142.9- 202.9	184.9	
2	9	6.506	6.504	0.002	139982278	0.9838	179.5- 239.5	239.7	
2	10	6.908	6.907	0.001	98899267	0.9497	121.8- 181.8	169.3	
			Average of Peak Amounts =			0.9417			
						RPD = 14.25			
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	79161725	0.0339			
2	2	8.218	8.219	-0.001	49350539	0.0366			
						RPD = 7.75			

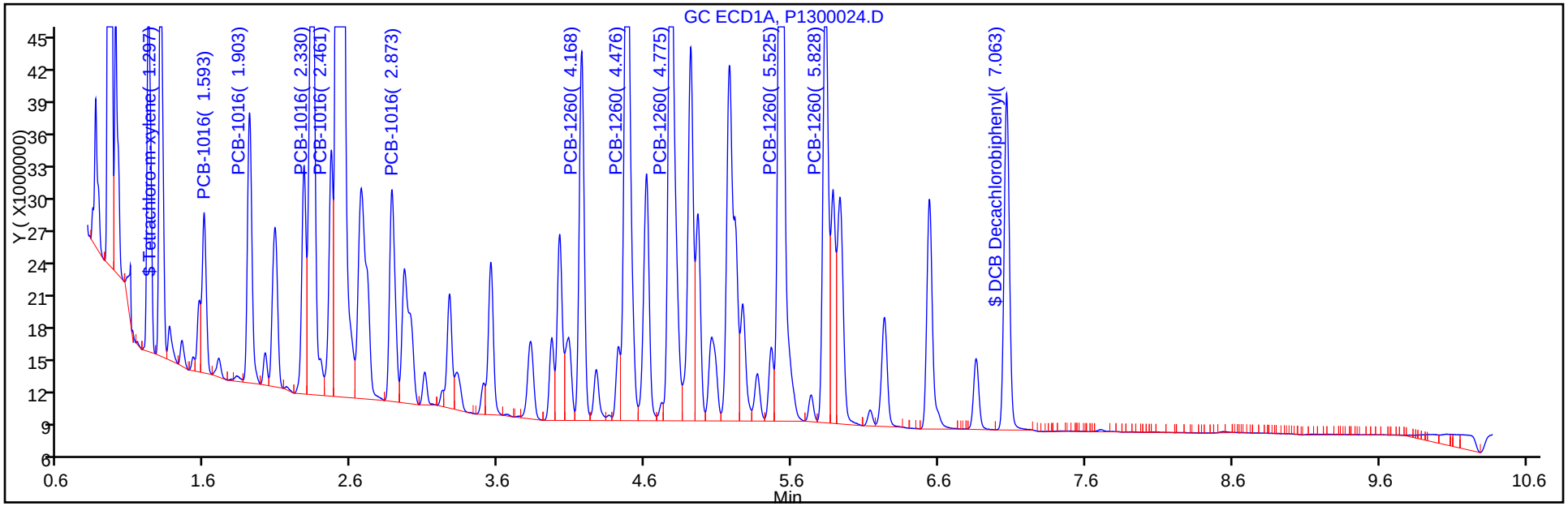
Report Date: 19-Nov-2012 11:08:39 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

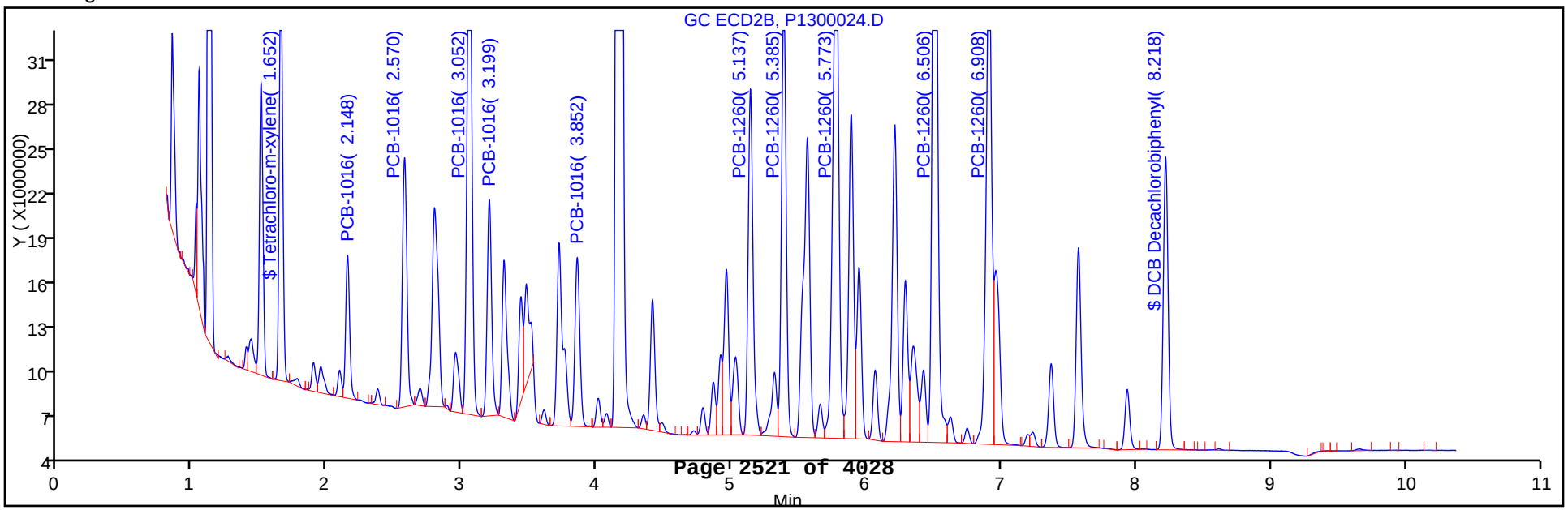
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300024.D

Injection Date:	18-Nov-2012 19:27:02	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300033.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.00(g) Date Analyzed: 11/21/2012 14:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	95		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300033.D
Lims ID: LCS 240-65499/24-A Client ID:
Inject. Date: 21-Nov-2012 14:25:07 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015150-033
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 33
Lims Batch ID: 65860 Lims Sample ID: 33
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:28 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: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:38:18

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	35563175	0.0156			
2	2	1.652	1.652	0.000	25399903	0.0177			
						RPD = 12.61			
6 PCB-1016									M
1	100	1.593	1.593	0.000	30545092	0.7513		100.0	
1	2	1.903	1.903	0.000	58516447	0.8141	149.3- 199.3	191.6	
1	3	2.329	2.329	0.000	122805514	0.7912	350.2- 400.2	402.0	
1	4	2.461	2.461	0.000	41730364	0.6473	130.7- 180.7	136.6	
1	5	2.874	2.874	0.000	52228864	0.7698	137.9- 187.9	171.0	
			Average of Peak Amounts =			0.7547			
2	6	2.147	2.147	0.000	18342895	0.8162		100.0	
2	7	2.570	2.570	0.000	39637269	0.8450	176.5- 236.5	216.1	
2	8	3.052	3.052	0.000	82163390	0.9043	362.5- 422.5	447.9	
2	9	3.200	3.200	0.000	40369833	1.04	137.9- 197.9	220.1	
2	10	3.852	3.852	0.000	28212433	0.7822	118.8- 178.8	153.8	M
			Average of Peak Amounts =			0.8781			
						RPD = 15.11			

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	79049745	0.7799		100.0	
1	2	4.475	4.475	0.000	161531275	0.8051	175.1- 225.1	204.3	
1	3	4.774	4.774	0.000	166637342	0.8330	173.2- 223.2	210.8	
1	4	5.526	5.526	0.000	237961691	0.8755	244.1- 294.1	301.0	
1	5	5.829	5.829	0.000	107906128	0.8355	101.5- 151.5	136.5	
			Average of Peak Amounts =			0.8258			
2	6	5.137	5.137	0.000	58862728	0.8832		100.0	
2	7	5.384	5.384	0.000	69931143	0.9527	86.6- 146.6	118.8	
2	8	5.773	5.773	0.000	108541853	0.9290	142.9- 202.9	184.4	
2	9	6.505	6.505	0.000	140644830	0.9884	179.5- 239.5	238.9	
2	10	6.909	6.909	0.000	97580939	0.9371	121.8- 181.8	165.8	
			Average of Peak Amounts =			0.9381			
						RPD = 12.73			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	44290634	0.0190			
2	2	8.219	8.219	0.000	25225177	0.0187			
						RPD = 1.29			

QC Flag Legend

Review Flags
M - Manually Integrated

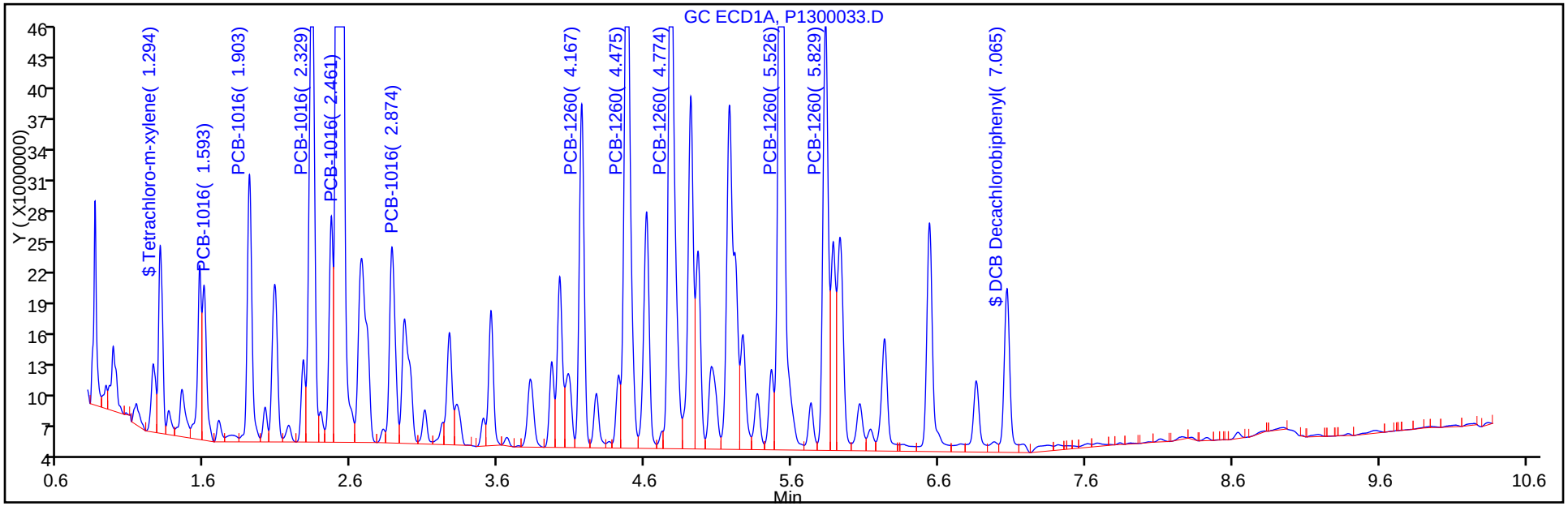
Report Date: 23-Nov-2012 07:46:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

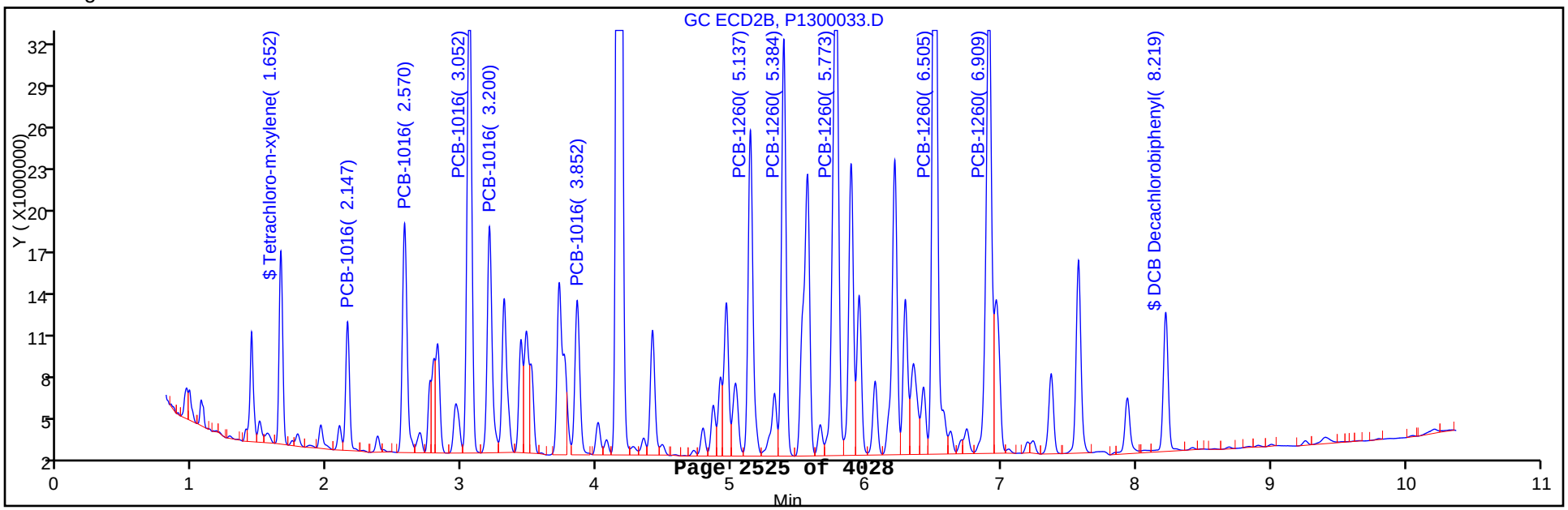
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300033.D

Injection Date:	21-Nov-2012 14:25:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	33
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



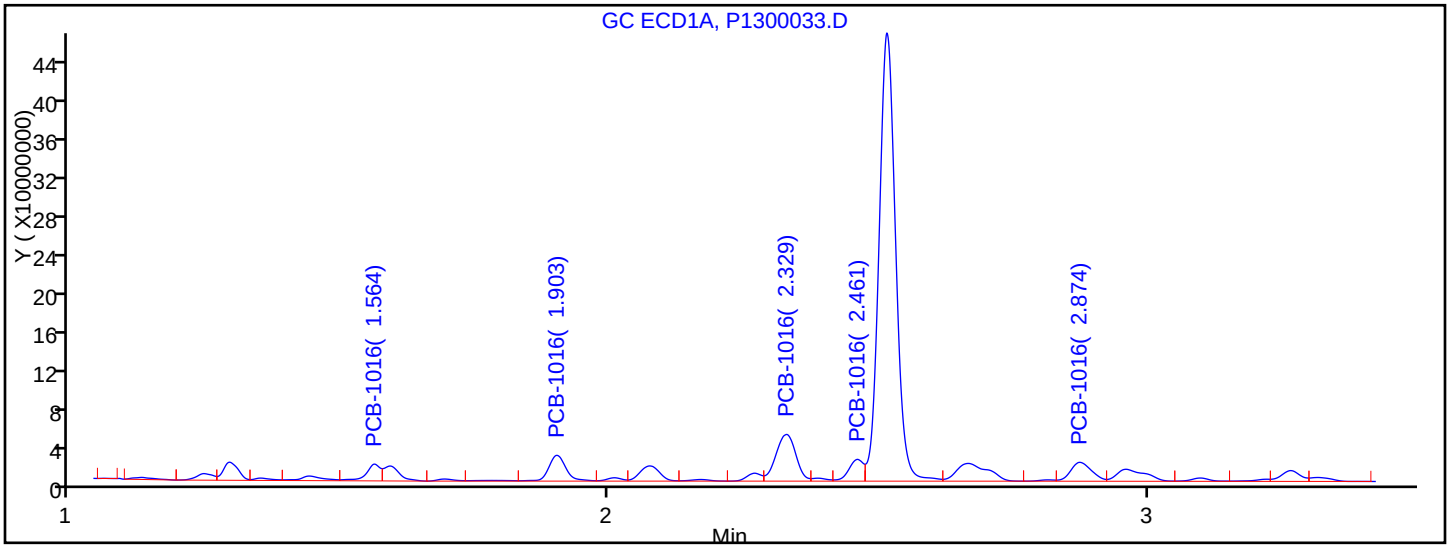
Report Date: 23-Nov-2012 07:46:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300033.D

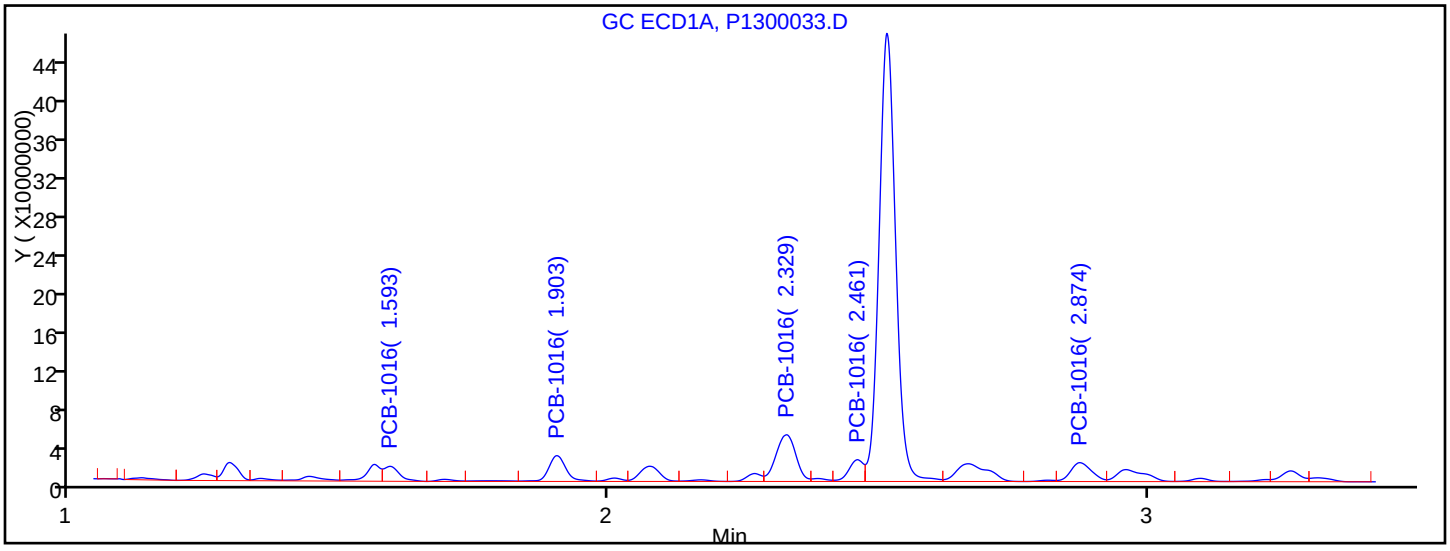
Injection Date:	21-Nov-2012 14:25:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.564	Response = 31361244	M
RT = 1.903	Response = 58516447	
RT = 2.329	Response = 122805514	
RT = 2.461	Response = 41730364	
RT = 2.874	Response = 52228864	



Manual Integration Results

RT = 1.593	Response = 30545092	M
RT = 1.903	Response = 58516447	
RT = 2.329	Response = 122805514	
RT = 2.461	Response = 41730364	
RT = 2.874	Response = 52228864	

Reviewer: hassl, 23-Nov-2012 07:38:18

Audit Action: Assigned Compound ID

Audit Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300033.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 14:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	293		65	25	21
11096-82-5	Aroclor-1260	313		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		40-140
2051-24-3	DCB Decachlorobiphenyl	94		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300033.D
Lims ID: LCS 240-65499/24-A Client ID:
Inject. Date: 21-Nov-2012 14:25:07 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015150-033
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 33
Lims Batch ID: 65860 Lims Sample ID: 33
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:28 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: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:38:18

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	35563175	0.0156			
2	2	1.652	1.652	0.000	25399903	0.0177			
						RPD = 12.61			
6 PCB-1016									M
1	100	1.593	1.593	0.000	30545092	0.7513		100.0	
1	2	1.903	1.903	0.000	58516447	0.8141	149.3- 199.3	191.6	
1	3	2.329	2.329	0.000	122805514	0.7912	350.2- 400.2	402.0	
1	4	2.461	2.461	0.000	41730364	0.6473	130.7- 180.7	136.6	
1	5	2.874	2.874	0.000	52228864	0.7698	137.9- 187.9	171.0	
			Average of Peak Amounts =			0.7547			
2	6	2.147	2.147	0.000	18342895	0.8162		100.0	
2	7	2.570	2.570	0.000	39637269	0.8450	176.5- 236.5	216.1	
2	8	3.052	3.052	0.000	82163390	0.9043	362.5- 422.5	447.9	
2	9	3.200	3.200	0.000	40369833	1.04	137.9- 197.9	220.1	
2	10	3.852	3.852	0.000	28212433	0.7822	118.8- 178.8	153.8	M
			Average of Peak Amounts =			0.8781			
						RPD = 15.11			

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	79049745	0.7799		100.0	
1	2	4.475	4.475	0.000	161531275	0.8051	175.1- 225.1	204.3	
1	3	4.774	4.774	0.000	166637342	0.8330	173.2- 223.2	210.8	
1	4	5.526	5.526	0.000	237961691	0.8755	244.1- 294.1	301.0	
1	5	5.829	5.829	0.000	107906128	0.8355	101.5- 151.5	136.5	
			Average of Peak Amounts =			0.8258			
2	6	5.137	5.137	0.000	58862728	0.8832		100.0	
2	7	5.384	5.384	0.000	69931143	0.9527	86.6- 146.6	118.8	
2	8	5.773	5.773	0.000	108541853	0.9290	142.9- 202.9	184.4	
2	9	6.505	6.505	0.000	140644830	0.9884	179.5- 239.5	238.9	
2	10	6.909	6.909	0.000	97580939	0.9371	121.8- 181.8	165.8	
			Average of Peak Amounts =			0.9381			
						RPD = 12.73			
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	44290634	0.0190			
2	2	8.219	8.219	0.000	25225177	0.0187			
						RPD = 1.29			

QC Flag Legend

Review Flags
M - Manually Integrated

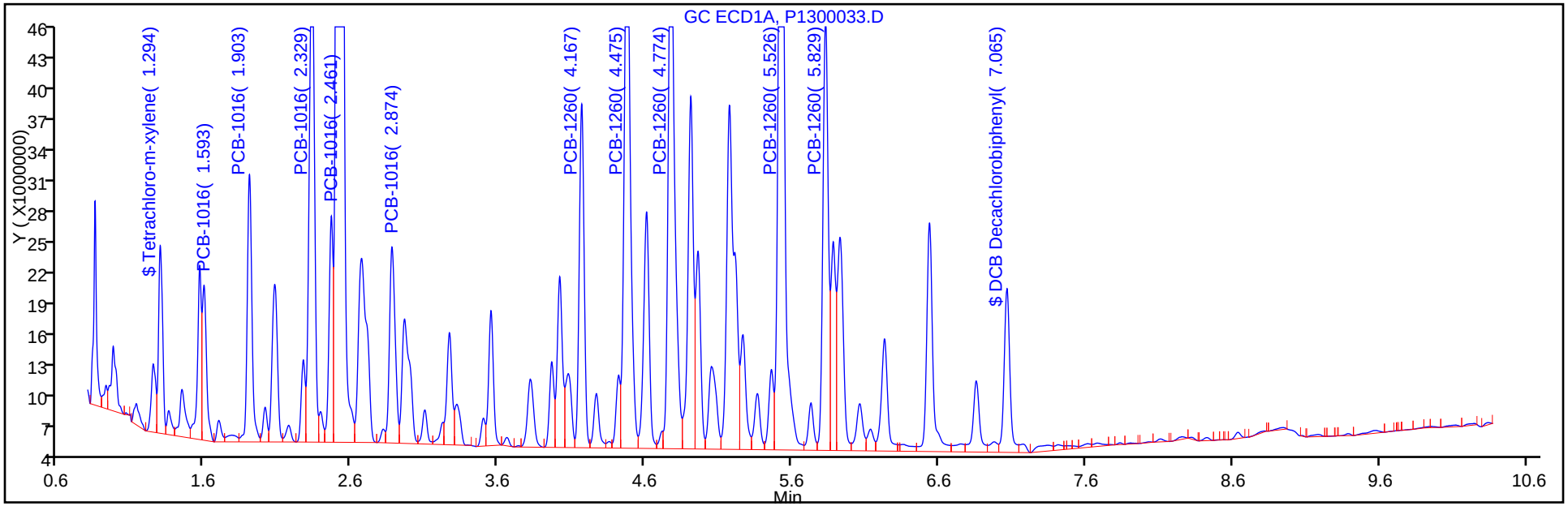
Report Date: 23-Nov-2012 07:46:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

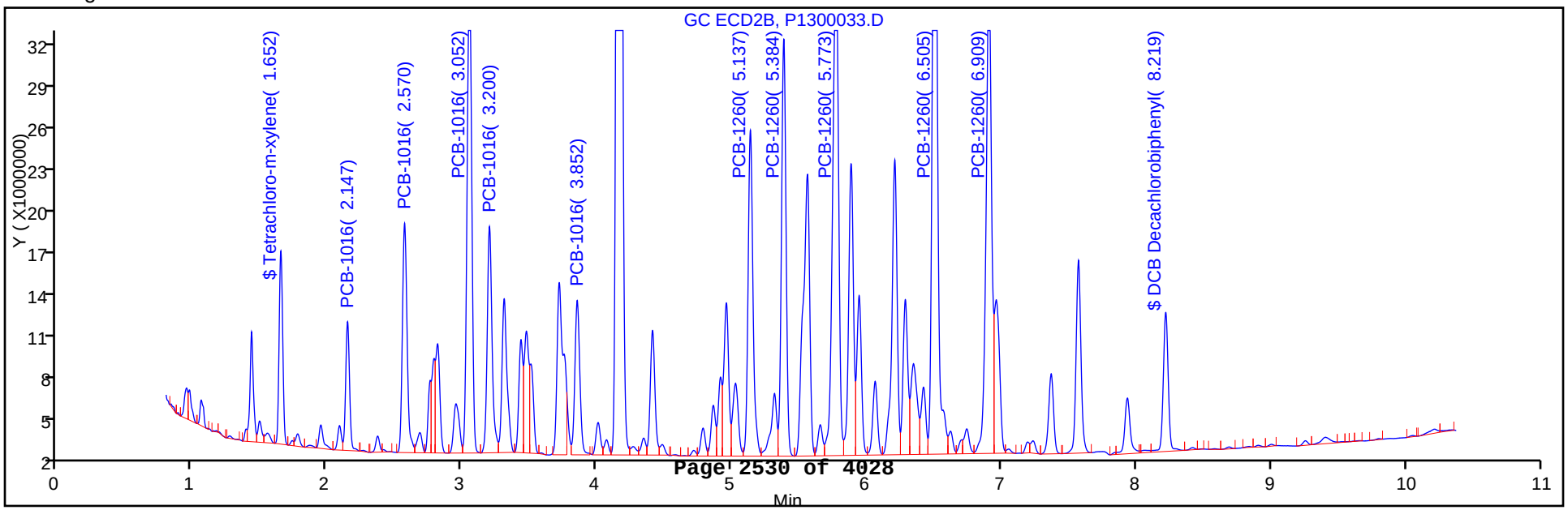
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300033.D

Injection Date:	21-Nov-2012 14:25:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	33
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



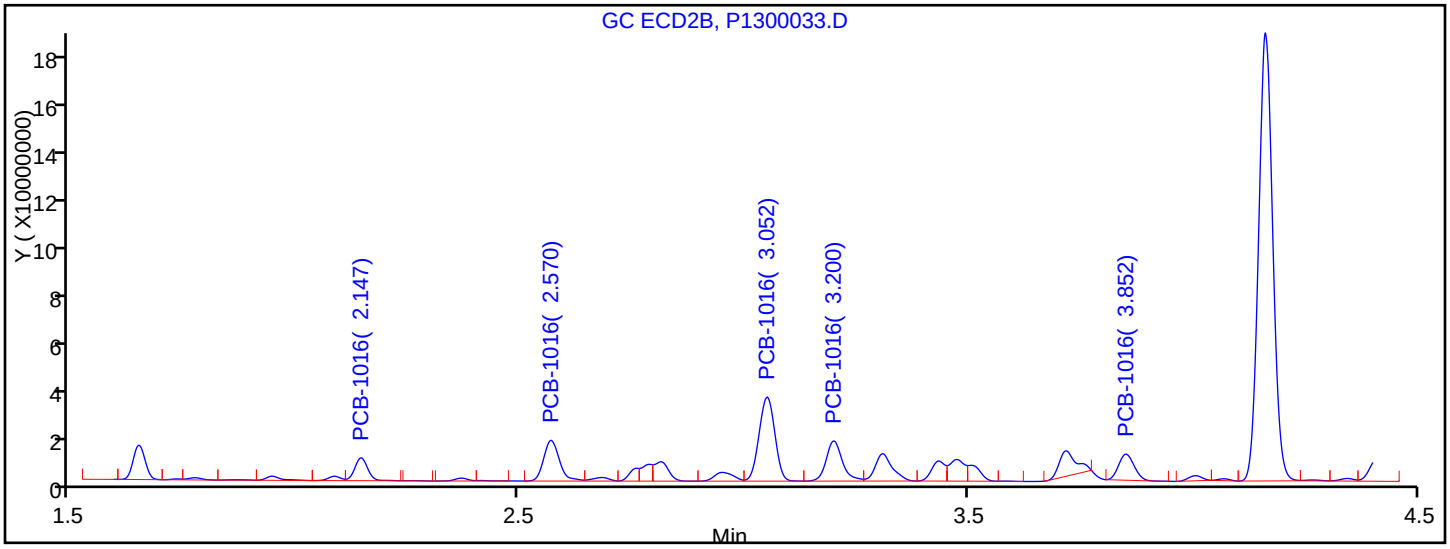
Report Date: 23-Nov-2012 07:46:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300033.D

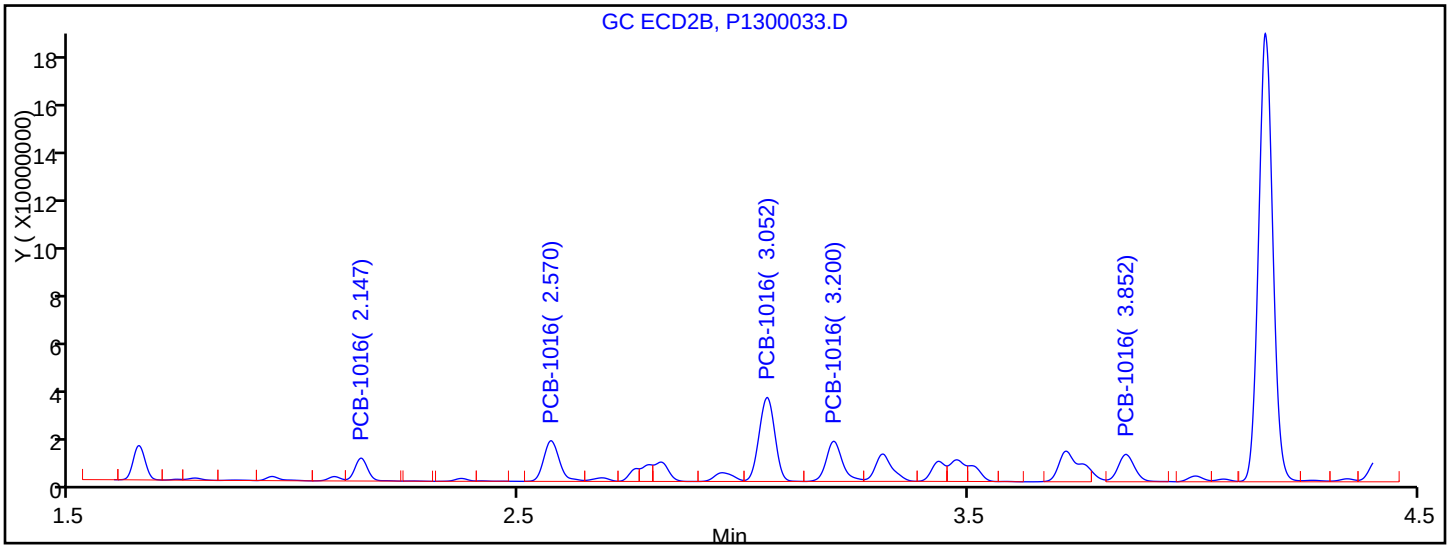
Injection Date:	21-Nov-2012 14:25:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.147	Response = 18342895	
RT = 2.570	Response = 39637269	
RT = 3.052	Response = 82163390	
RT = 3.200	Response = 40369833	
RT = 3.852	Response = 25186606	M



Manual Integration Results

RT = 2.147	Response = 18342895	
RT = 2.570	Response = 39637269	
RT = 3.052	Response = 82163390	
RT = 3.200	Response = 40369833	
RT = 3.852	Response = 28212433	M

Reviewer: hassl, 23-Nov-2012 07:38:39

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65363/4

Matrix: Water Lab File ID: P1300004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/18/2012 14:28

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.: 65363 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	113		50-150
2051-24-3	DCB Decachlorobiphenyl	109		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Nov-2012 14:28:41 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015025-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 65363 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:04:18

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	1.294	-0.001	6441450	0.002822			
2	2	1.650	1.650	0.000	3771612	0.002625			
						RPD = 7.24			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100	1.593	1.593	0.000	2346734	0.0577		100.0	
1	2	1.901	1.901	0.000	4098594	0.0570	149.3- 199.3	174.7	
1	3	2.328	2.328	0.000	8084664	0.0521	350.2- 400.2	344.5	
1	4	2.459	2.459	0.000	2683043	0.0416	130.7- 180.7	114.3	
1	5	2.873	2.871	0.002	3625837	0.0534	137.9- 187.9	154.5	
			Average of Peak Amounts =			0.0524			
2	6	2.144	2.146	-0.002	1272477	0.0566		100.0	
2	7	2.569	2.569	0.000	2618278	0.0558	176.5- 236.5	205.8	
2	8	3.051	3.052	-0.001	4654308	0.0512	362.5- 422.5	365.8	
2	9	3.198	3.199	-0.001	1997769	0.0516	137.9- 197.9	157.0	
2	10	3.851	3.852	-0.001	1863013	0.0517	118.8- 178.8	146.4	
			Average of Peak Amounts =			0.0534			
						RPD = 1.90			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	5382961	0.0531		100.0	
1	2	4.475	4.476	-0.001	10735495	0.0535	175.1- 225.1	199.4	
1	3	4.773	4.774	-0.001	10412006	0.0520	173.2- 223.2	193.4	
1	4	5.526	5.524	0.002	14270095	0.0525	244.1- 294.1	265.1	
1	5	5.828	5.828	0.000	6655736	0.0515	101.5- 151.5	123.6	
			Average of Peak Amounts =			0.0525			
2	6	5.137	5.136	0.001	3590814	0.0539		100.0	
2	7	5.384	5.384	0.000	4529676	0.0209	86.6- 146.6	126.1	
2	8	5.773	5.772	0.001	6093069	0.0522	142.9- 202.9	169.7	
2	9	6.506	6.504	0.002	7491836	0.0527	179.5- 239.5	208.6	
2	10	6.908	6.907	0.001	5344241	0.0513	121.8- 181.8	148.8	
			Average of Peak Amounts =			0.0462			
						RPD = 12.87			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	6372475	0.002730			
2	2	8.218	8.219	-0.001	3743636	0.002779			
						RPD = 1.81			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

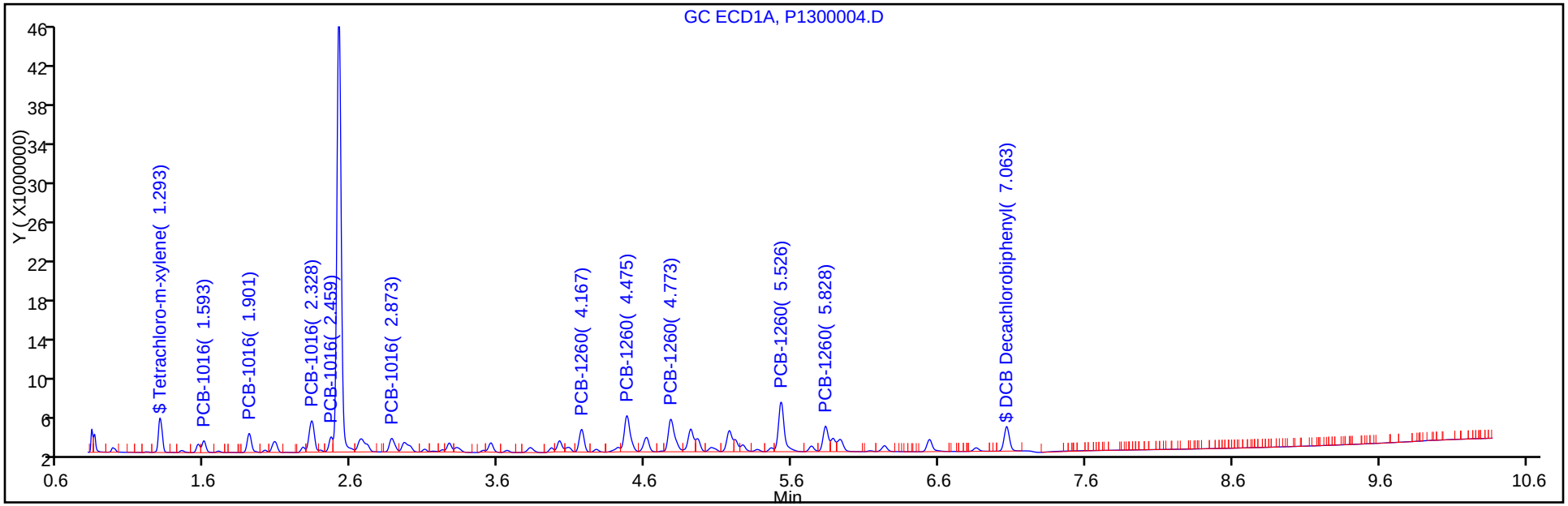
Report Date: 19-Nov-2012 11:08:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

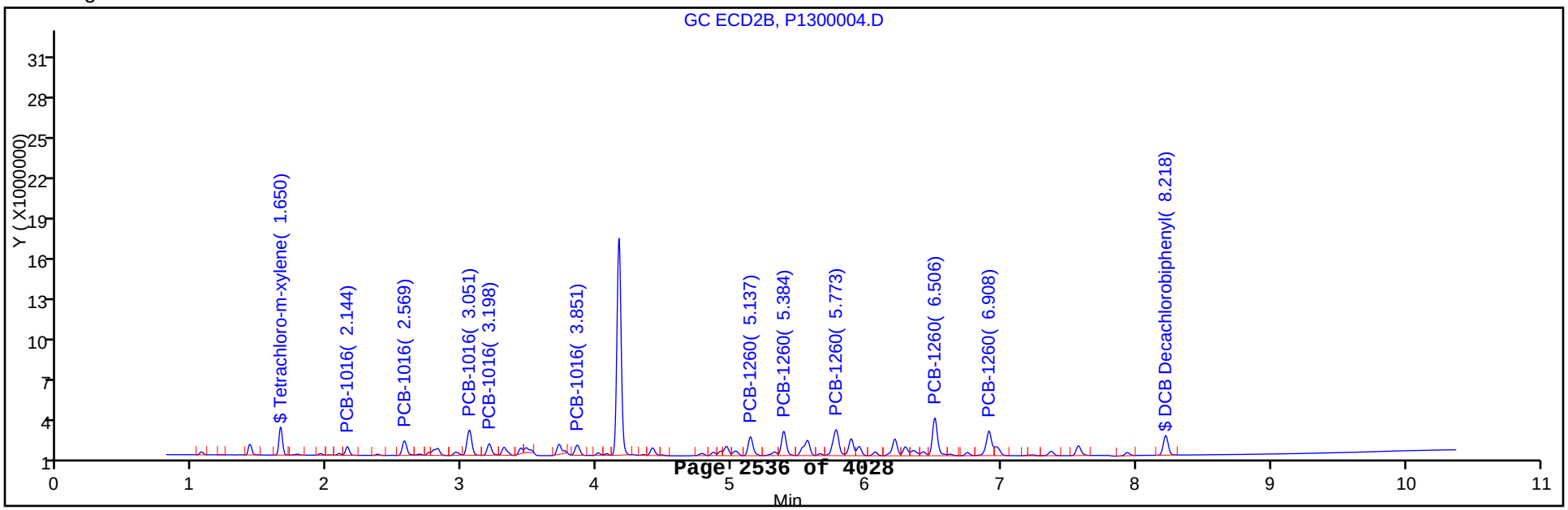
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300004.D

Injection Date:	18-Nov-2012 14:28:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65363/4

Matrix: Water Lab File ID: P1300004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/18/2012 14:28

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.: 65363 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0534		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0462	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		50-150
2051-24-3	DCB Decachlorobiphenyl	111		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Nov-2012 14:28:41 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015025-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 65363 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:04:18

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	1.294	-0.001	6441450	0.002822			
2	2	1.650	1.650	0.000	3771612	0.002625			
						RPD = 7.24			
3 PCB-1221									1
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100	1.593	1.593	0.000	2346734	0.0577		100.0	
1	2	1.901	1.901	0.000	4098594	0.0570	149.3- 199.3	174.7	
1	3	2.328	2.328	0.000	8084664	0.0521	350.2- 400.2	344.5	
1	4	2.459	2.459	0.000	2683043	0.0416	130.7- 180.7	114.3	
1	5	2.873	2.871	0.002	3625837	0.0534	137.9- 187.9	154.5	
			Average of Peak Amounts =			0.0524			
2	6	2.144	2.146	-0.002	1272477	0.0566		100.0	
2	7	2.569	2.569	0.000	2618278	0.0558	176.5- 236.5	205.8	
2	8	3.051	3.052	-0.001	4654308	0.0512	362.5- 422.5	365.8	
2	9	3.198	3.199	-0.001	1997769	0.0516	137.9- 197.9	157.0	
2	10	3.851	3.852	-0.001	1863013	0.0517	118.8- 178.8	146.4	
			Average of Peak Amounts =			0.0534			
						RPD = 1.90			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	5382961	0.0531		100.0	
1	2	4.475	4.476	-0.001	10735495	0.0535	175.1- 225.1	199.4	
1	3	4.773	4.774	-0.001	10412006	0.0520	173.2- 223.2	193.4	
1	4	5.526	5.524	0.002	14270095	0.0525	244.1- 294.1	265.1	
1	5	5.828	5.828	0.000	6655736	0.0515	101.5- 151.5	123.6	
			Average of Peak Amounts =			0.0525			
2	6	5.137	5.136	0.001	3590814	0.0539		100.0	
2	7	5.384	5.384	0.000	4529676	0.0209	86.6- 146.6	126.1	
2	8	5.773	5.772	0.001	6093069	0.0522	142.9- 202.9	169.7	
2	9	6.506	6.504	0.002	7491836	0.0527	179.5- 239.5	208.6	
2	10	6.908	6.907	0.001	5344241	0.0513	121.8- 181.8	148.8	
			Average of Peak Amounts =			0.0462			
						RPD = 12.87			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	6372475	0.002730			
2	2	8.218	8.219	-0.001	3743636	0.002779			
						RPD = 1.81			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

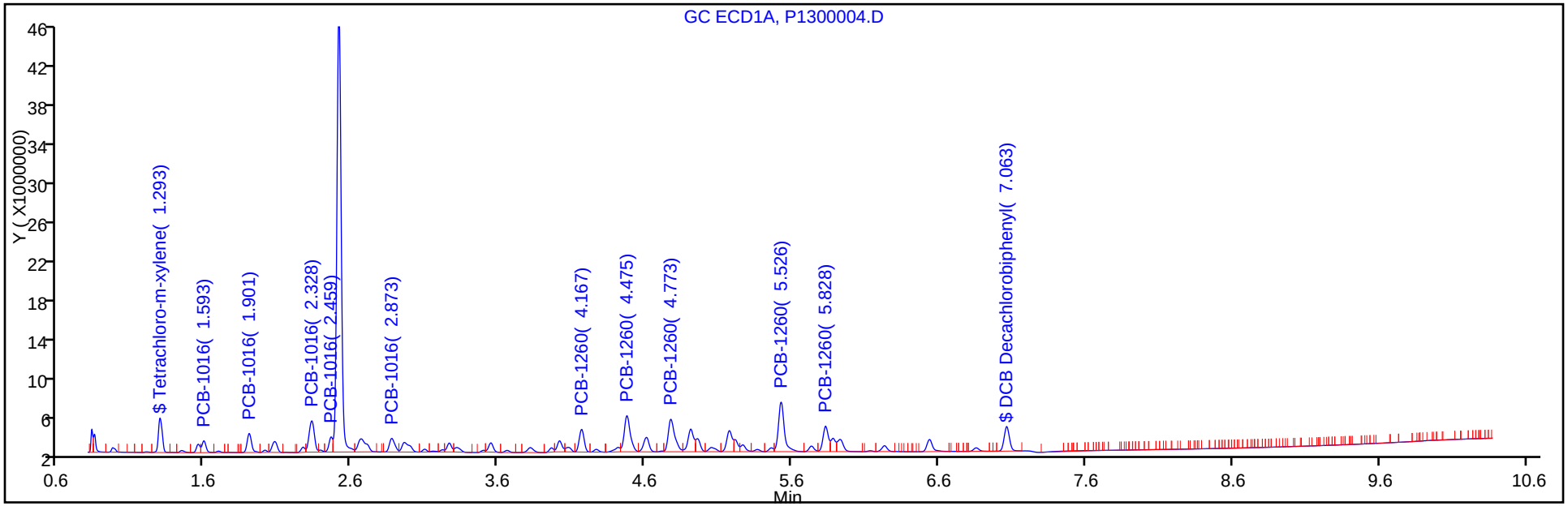
Report Date: 19-Nov-2012 11:08:53 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

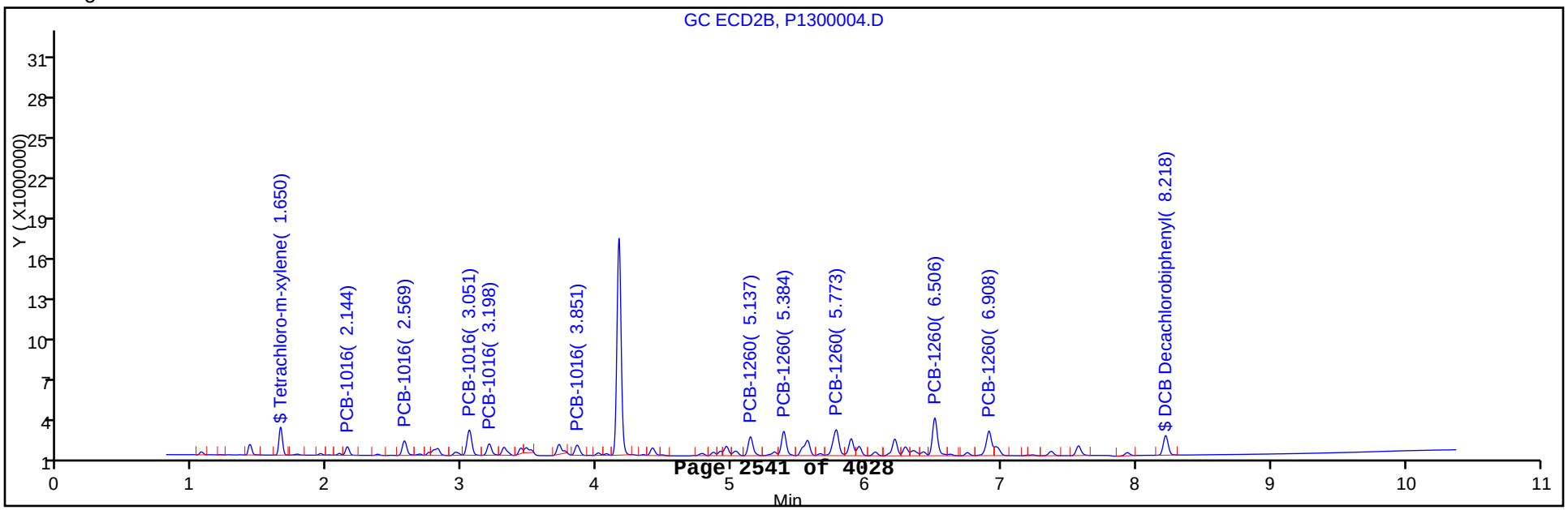
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300004.D

Injection Date:	18-Nov-2012 14:28:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65363/26

Matrix: Water Lab File ID: P1300026.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/18/2012 19:56

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.: 65363 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		50-150
2051-24-3	DCB Decachlorobiphenyl	107		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300026.D
Lims ID: MRL Client ID:
Inject. Date: 18-Nov-2012 19:56:49 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015025-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 65363 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:35 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: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:08:13

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	1.291	1.292	-0.001	6008941	0.002632			
2	2	1.647	1.648	-0.001	3863451	0.002688			
						RPD = 2.12			
3 PCB-1221									
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.591	-1.591	0	0		100.0	
1	2	1.900	1.901	-0.001	3634919	0.0506	149.3- 199.3		
1	3	2.326	2.328	-0.002	7696257	0.0496	350.2- 400.2		
1	4	0.0	2.459	-2.459	0	0	130.7- 180.7		
1	5	2.869	2.872	-0.003	7176289	0.1058	137.9- 187.9		
			Average of Peak Amounts =			0.0686			
2	6	2.143	2.144	-0.001	1215372	0.0541		100.0	
2	7	2.567	2.569	-0.002	2460827	0.0525	176.5- 236.5	202.5	
2	8	3.050	3.050	0.000	4905627	0.0540	362.5- 422.5	403.6	
2	9	3.198	3.199	-0.001	2014621	0.0520	137.9- 197.9	165.8	
2	10	3.849	3.850	-0.001	1968582	0.0546	118.8- 178.8	162.0	
			Average of Peak Amounts =			0.0534			
						RPD = 24.92			
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.167	-0.002	5018173	0.0495		100.0	
1	2	4.475	4.476	-0.001	9490500	0.0473	175.1- 225.1	189.1	
1	3	4.773	4.775	-0.002	8856561	0.0443	173.2- 223.2	176.5	
1	4	5.526	5.527	-0.001	12418394	0.0457	244.1- 294.1	247.5	
1	5	5.828	5.830	-0.002	5568995	0.0431	101.5- 151.5	111.0	
			Average of Peak Amounts =			0.0460			
2	6	5.137	5.137	0.000	3471650	0.0521		100.0	
2	7	5.385	5.385	0.000	4163756	0.0157	86.6- 146.6	119.9	
2	8	5.773	5.772	0.001	5886883	0.0504	142.9- 202.9	169.6	
2	9	6.505	6.505	0.000	7656671	0.0538	179.5- 239.5	220.5	
2	10	6.908	6.908	0.000	5621598	0.0540	121.8- 181.8	161.9	
			Average of Peak Amounts =			0.0452			
						RPD = 1.72			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.062	7.063	-0.001	6243236	0.002674			
2	2	8.220	8.220	0.000	3770129	0.002799			
						RPD = 4.57			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

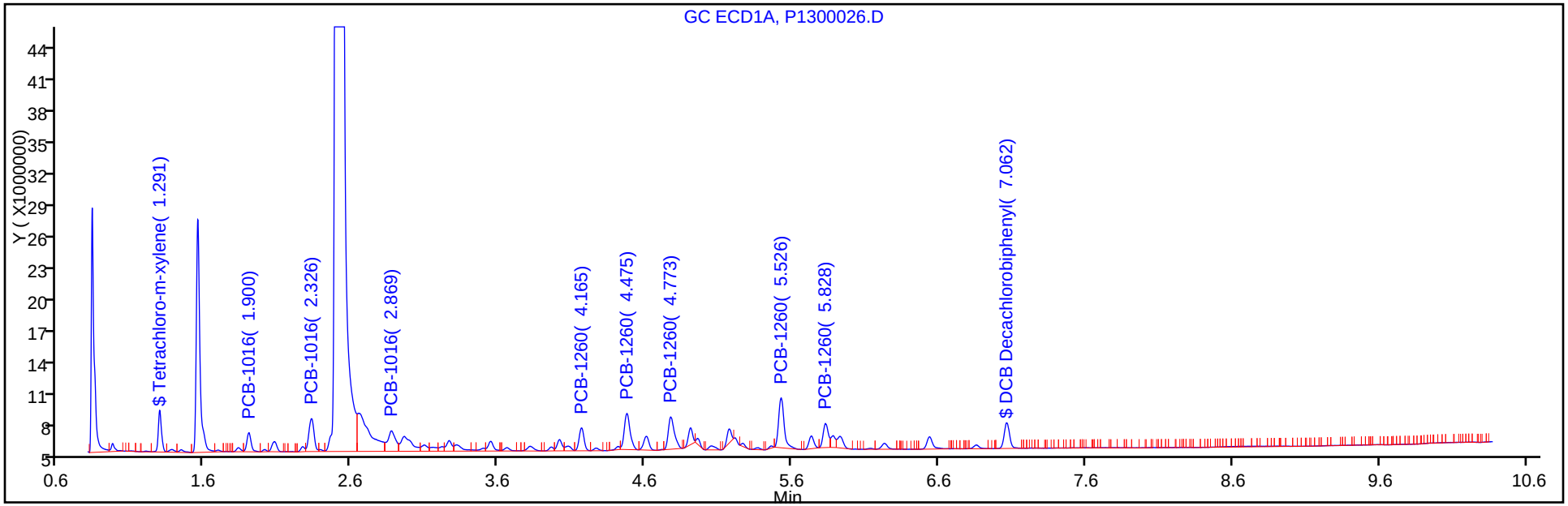
Report Date: 19-Nov-2012 11:08:35 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

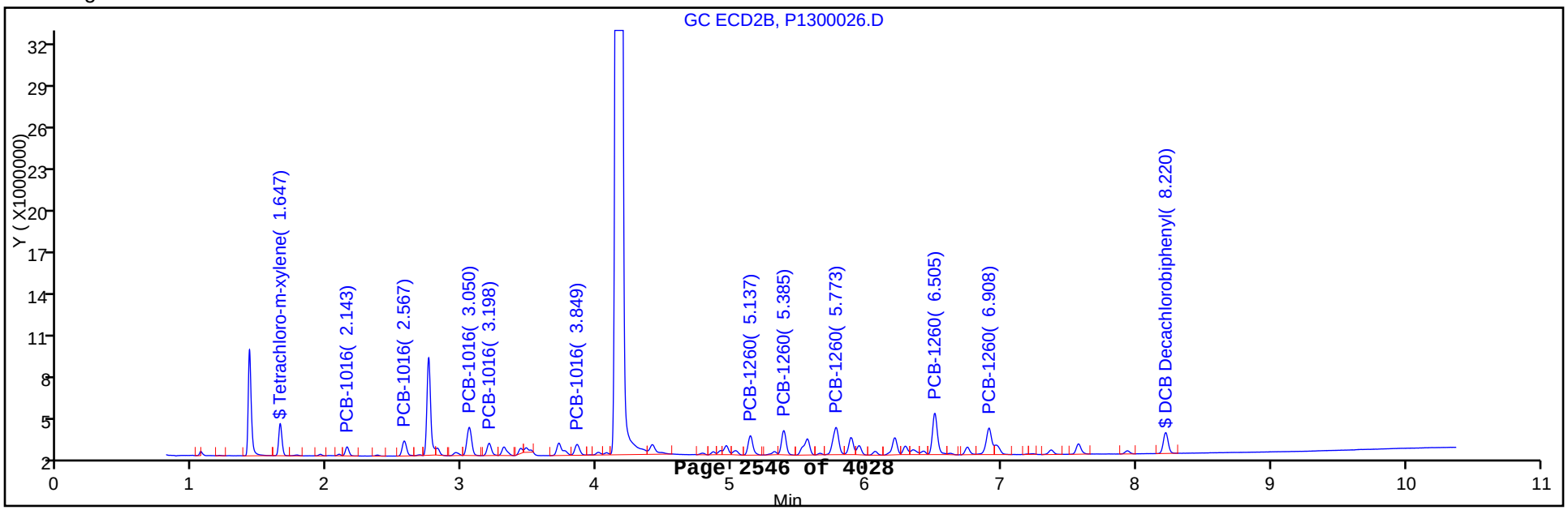
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300026.D

Injection Date:	18-Nov-2012 19:56:49	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65363/26

Matrix: Water | Lab File ID: P1300026.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/18/2012 19:56

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.: 65363 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0534		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0452	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		50-150
2051-24-3	DCB Decachlorobiphenyl	112		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300026.D
Lims ID: MRL Client ID:
Inject. Date: 18-Nov-2012 19:56:49 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015025-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 65363 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:35 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: XAWRK012

First Level Reviewer: hassl Date: 19-Nov-2012 11:08:13

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	1.291	1.292	-0.001	6008941	0.002632			
2	2	1.647	1.648	-0.001	3863451	0.002688			
						RPD = 2.12			
3 PCB-1221									
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.591	-1.591	0	0		100.0	
1	2	1.900	1.901	-0.001	3634919	0.0506	149.3- 199.3		
1	3	2.326	2.328	-0.002	7696257	0.0496	350.2- 400.2		
1	4	0.0	2.459	-2.459	0	0	130.7- 180.7		
1	5	2.869	2.872	-0.003	7176289	0.1058	137.9- 187.9		
			Average of Peak Amounts =			0.0686			
2	6	2.143	2.144	-0.001	1215372	0.0541		100.0	
2	7	2.567	2.569	-0.002	2460827	0.0525	176.5- 236.5	202.5	
2	8	3.050	3.050	0.000	4905627	0.0540	362.5- 422.5	403.6	
2	9	3.198	3.199	-0.001	2014621	0.0520	137.9- 197.9	165.8	
2	10	3.849	3.850	-0.001	1968582	0.0546	118.8- 178.8	162.0	
			Average of Peak Amounts =			0.0534			
						RPD = 24.92			
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.167	-0.002	5018173	0.0495		100.0	
1	2	4.475	4.476	-0.001	9490500	0.0473	175.1- 225.1	189.1	
1	3	4.773	4.775	-0.002	8856561	0.0443	173.2- 223.2	176.5	
1	4	5.526	5.527	-0.001	12418394	0.0457	244.1- 294.1	247.5	
1	5	5.828	5.830	-0.002	5568995	0.0431	101.5- 151.5	111.0	
			Average of Peak Amounts =			0.0460			
2	6	5.137	5.137	0.000	3471650	0.0521		100.0	
2	7	5.385	5.385	0.000	4163756	0.0157	86.6- 146.6	119.9	
2	8	5.773	5.772	0.001	5886883	0.0504	142.9- 202.9	169.6	
2	9	6.505	6.505	0.000	7656671	0.0538	179.5- 239.5	220.5	
2	10	6.908	6.908	0.000	5621598	0.0540	121.8- 181.8	161.9	
			Average of Peak Amounts =			0.0452			
						RPD = 1.72			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.062	7.063	-0.001	6243236	0.002674			
2	2	8.220	8.220	0.000	3770129	0.002799			
						RPD = 4.57			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

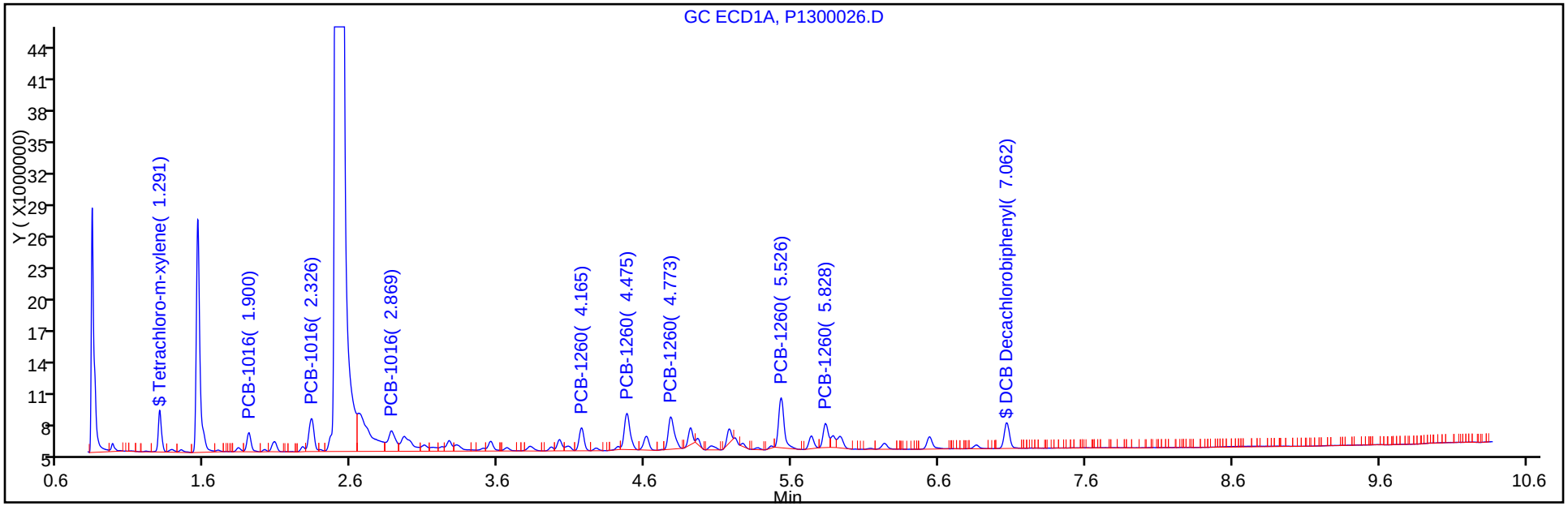
Report Date: 19-Nov-2012 11:08:36 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

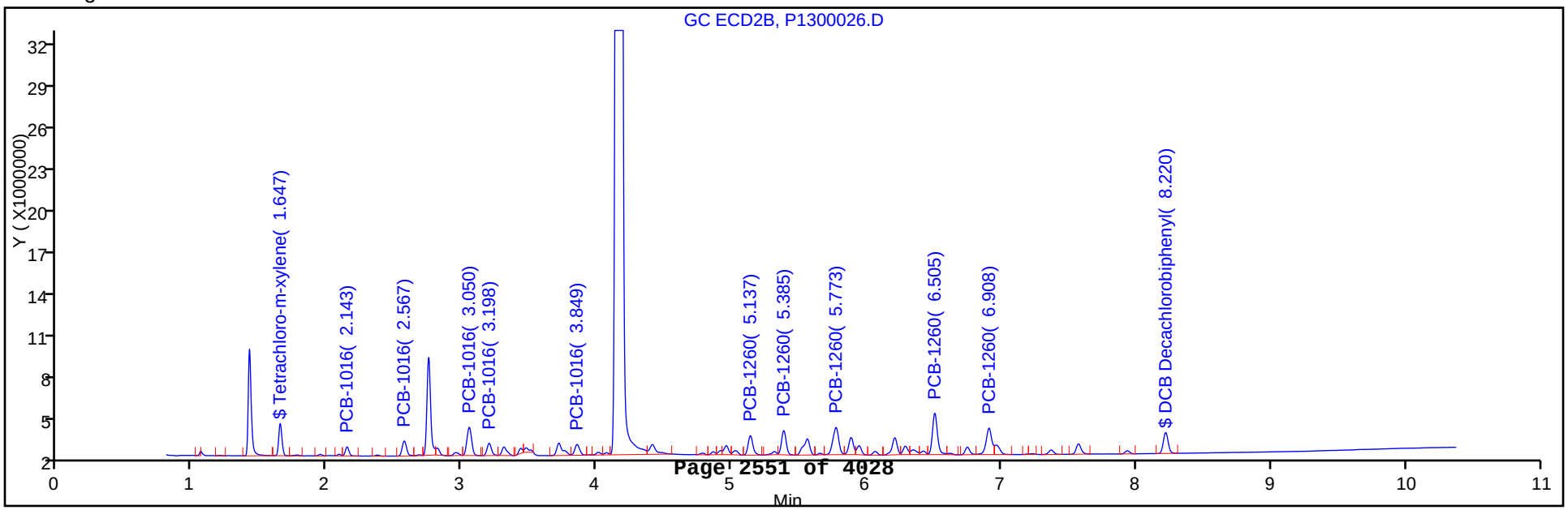
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300026.D

Injection Date:	18-Nov-2012 19:56:49	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65363	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65860/9

Matrix: Solid Lab File ID: P1300009.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/21/2012 08:14

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.: 65860 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0695*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0549*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	116		50-150
2051-24-3	DCB Decachlorobiphenyl	106		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300009.D
Lims ID: MRL Client ID:
Inject. Date: 21-Nov-2012 08:14:38 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015150-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 65860 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:05 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:17:55

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	1.291	1.291	0.000	6633841	0.002906			
2	2	1.648	1.648	0.000	3875780	0.002697			
						RPD = 7.46			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.551	-1.551	0	0		100.0	
1	2	1.899	1.899	0.000	4145015	0.0577	149.3- 199.3		
1	3	2.325	2.325	0.000	8833691	0.0569	350.2- 400.2		
1	4	0.0	2.458	-2.458	0	0	130.7- 180.7		
1	5	2.871	2.871	0.000	6375534	0.0940	137.9- 187.9		
			Average of Peak Amounts =			0.0695			
2	6	2.144	2.144	0.000	1220830	0.0543		100.0	
2	7	2.567	2.567	0.000	2505332	0.0534	176.5- 236.5	205.2	
2	8	3.050	3.050	0.000	4593978	0.0506	362.5- 422.5	376.3	
2	9	3.198	3.198	0.000	2054079	0.0531	137.9- 197.9	168.3	
2	10	3.851	3.851	0.000	1806630	0.0501	118.8- 178.8	148.0	
			Average of Peak Amounts =			0.0523			
						RPD = 28.29			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	5537595	0.0546		100.0	
1	2	4.475	4.475	0.000	10962591	0.0546	175.1- 225.1	198.0	
1	3	4.775	4.775	0.000	10705724	0.0535	173.2- 223.2	193.3	
1	4	5.528	5.528	0.000	15045071	0.0554	244.1- 294.1	271.7	
1	5	5.829	5.829	0.000	7283351	0.0564	101.5- 151.5	131.5	
			Average of Peak Amounts =			0.0549			
2	6	5.137	5.137	0.000	3568305	0.0535		100.0	
2	7	5.384	5.384	0.000	4219095	0.0165	86.6- 146.6	118.2	
2	8	5.771	5.771	0.000	5908243	0.0506	142.9- 202.9	165.6	
2	9	6.504	6.504	0.000	6889506	0.0484	179.5- 239.5	193.1	
2	10	6.908	6.908	0.000	5090678	0.0489	121.8- 181.8	142.7	
			Average of Peak Amounts =			0.0436			
						RPD = 23.00			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	6202309	0.002657			
2	2	8.219	8.219	0.000	3447202	0.002559			
						RPD = 3.73			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

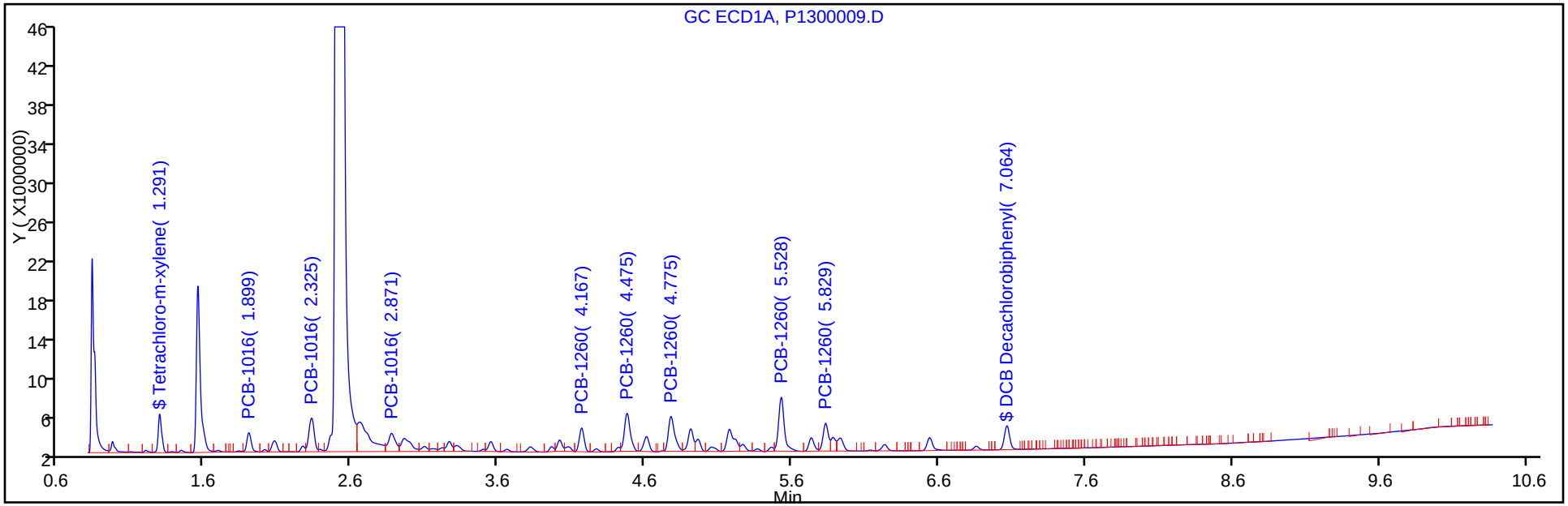
Report Date: 23-Nov-2012 07:46:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

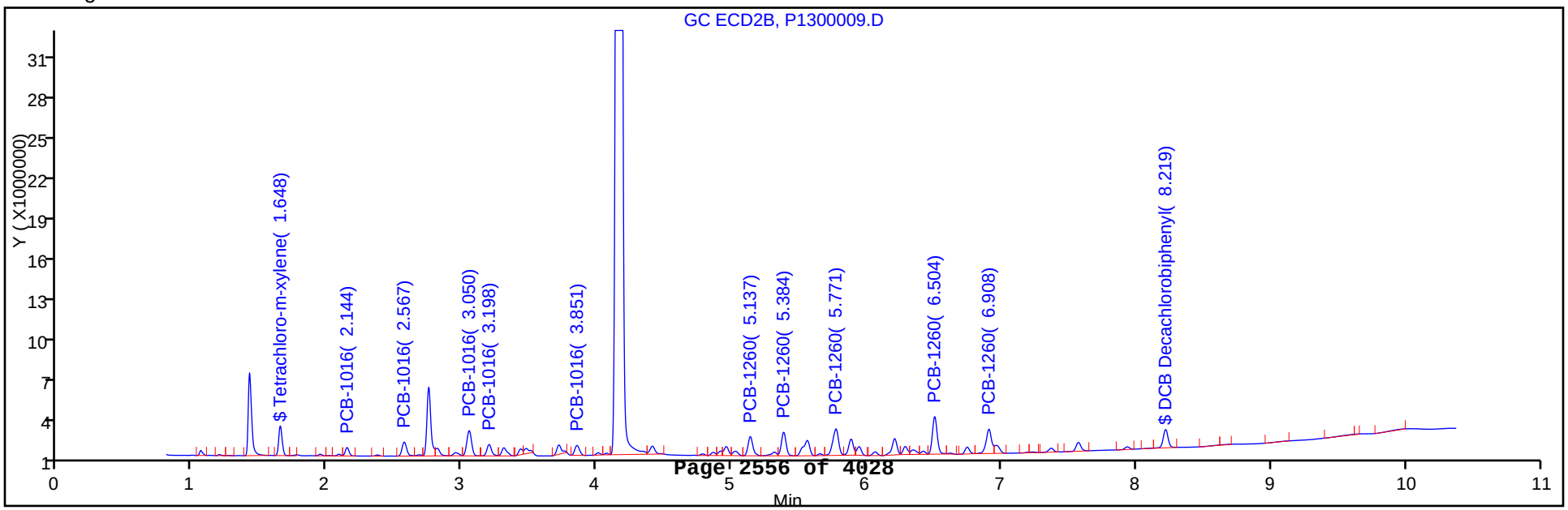
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300009.D

Injection Date:	21-Nov-2012 08:14:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65860/9

Matrix: Solid Lab File ID: P1300009.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/21/2012 08:14

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.: 65860 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0523		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0436	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		50-150
2051-24-3	DCB Decachlorobiphenyl	102		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300009.D
Lims ID: MRL Client ID:
Inject. Date: 21-Nov-2012 08:14:38 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015150-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 65860 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:05 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:17:55

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	1.291	1.291	0.000	6633841	0.002906			
2	2	1.648	1.648	0.000	3875780	0.002697			
						RPD = 7.46			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.551	-1.551	0	0		100.0	
1	2	1.899	1.899	0.000	4145015	0.0577	149.3- 199.3		
1	3	2.325	2.325	0.000	8833691	0.0569	350.2- 400.2		
1	4	0.0	2.458	-2.458	0	0	130.7- 180.7		
1	5	2.871	2.871	0.000	6375534	0.0940	137.9- 187.9		
			Average of Peak Amounts =			0.0695			
2	6	2.144	2.144	0.000	1220830	0.0543		100.0	
2	7	2.567	2.567	0.000	2505332	0.0534	176.5- 236.5	205.2	
2	8	3.050	3.050	0.000	4593978	0.0506	362.5- 422.5	376.3	
2	9	3.198	3.198	0.000	2054079	0.0531	137.9- 197.9	168.3	
2	10	3.851	3.851	0.000	1806630	0.0501	118.8- 178.8	148.0	
			Average of Peak Amounts =			0.0523			
						RPD = 28.29			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	5537595	0.0546		100.0	
1	2	4.475	4.475	0.000	10962591	0.0546	175.1- 225.1	198.0	
1	3	4.775	4.775	0.000	10705724	0.0535	173.2- 223.2	193.3	
1	4	5.528	5.528	0.000	15045071	0.0554	244.1- 294.1	271.7	
1	5	5.829	5.829	0.000	7283351	0.0564	101.5- 151.5	131.5	
			Average of Peak Amounts =			0.0549			
2	6	5.137	5.137	0.000	3568305	0.0535		100.0	
2	7	5.384	5.384	0.000	4219095	0.0165	86.6- 146.6	118.2	
2	8	5.771	5.771	0.000	5908243	0.0506	142.9- 202.9	165.6	
2	9	6.504	6.504	0.000	6889506	0.0484	179.5- 239.5	193.1	
2	10	6.908	6.908	0.000	5090678	0.0489	121.8- 181.8	142.7	
			Average of Peak Amounts =			0.0436			
						RPD = 23.00			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	6202309	0.002657			
2	2	8.219	8.219	0.000	3447202	0.002559			
						RPD = 3.73			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

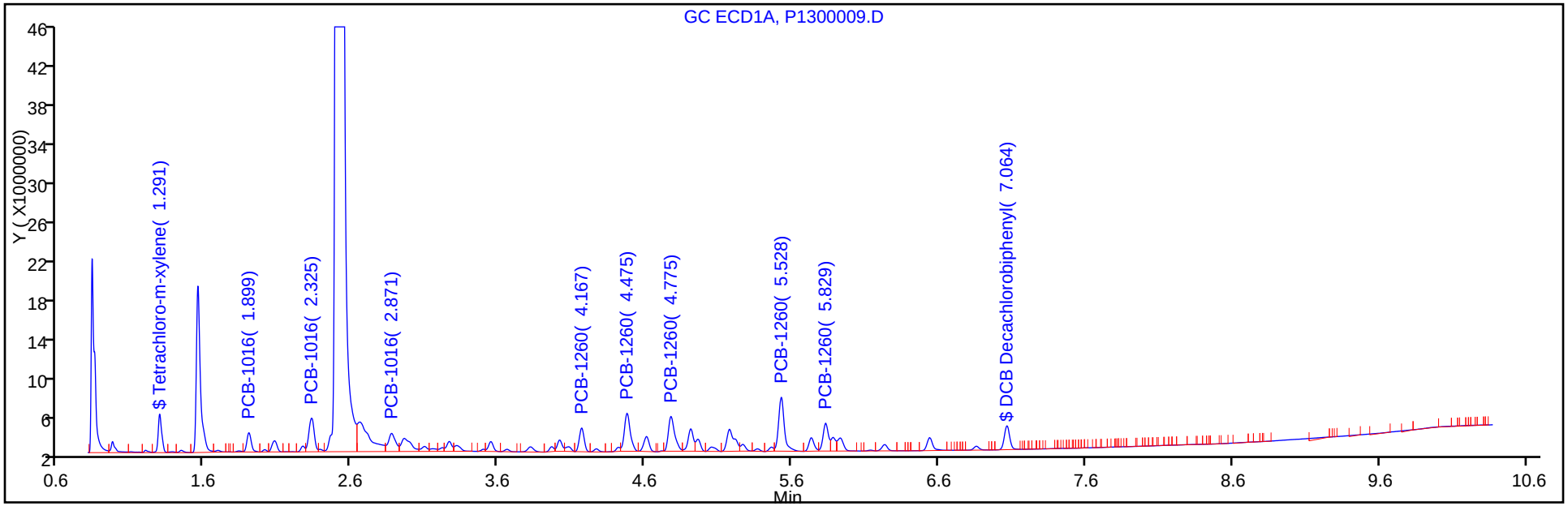
Report Date: 23-Nov-2012 07:46:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

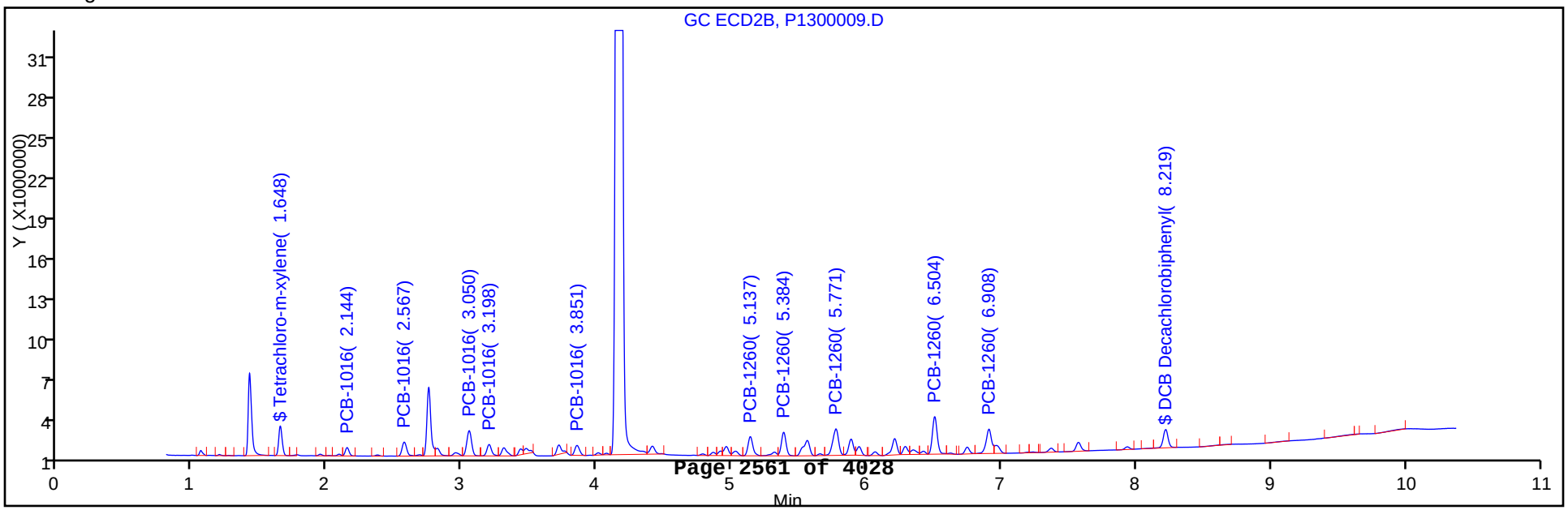
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300009.D

Injection Date:	21-Nov-2012 08:14:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65860/36

Matrix: Solid Lab File ID: P1300035.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/21/2012 14:54

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.: 65860 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0687*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0527*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		50-150
2051-24-3	DCB Decachlorobiphenyl	107		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300035.D
Lims ID: MRL Client ID:
Inject. Date: 21-Nov-2012 14:54:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015150-036
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 35
Lims Batch ID: 65860 Lims Sample ID: 36
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:31 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:39:37

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	1.291	1.291	0.000	6383447	0.002796			
2	2	1.649	1.649	0.000	3854028	0.002682			
						RPD = 4.17			
3 PCB-1221									
1	2		1.437						
1	3		1.591						
1	4		1.560						
2	4		1.946						
2	5		2.085						
2	6		2.143						
5 PCB-1242									
1	100		1.560						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.143						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.560						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.871						
2	6		2.143						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.560	-1.560	0	0		100.0	
1	2	1.900	1.900	0.000	4017110	0.0559	149.3- 199.3		
1	3	2.326	2.326	0.000	8654569	0.0558	350.2- 400.2		
1	4	0.0	2.458	-2.458	0	0	130.7- 180.7		
1	5	2.871	2.871	0.000	6411089	0.0945	137.9- 187.9		
			Average of Peak Amounts =			0.0687			
2	6	2.143	2.143	0.000	1267456	0.0564		100.0	
2	7	2.569	2.569	0.000	2553742	0.0544	176.5- 236.5	201.5	
2	8	3.051	3.051	0.000	5034542	0.0554	362.5- 422.5	397.2	
2	9	3.198	3.198	0.000	2059553	0.0532	137.9- 197.9	162.5	
2	10	3.851	3.851	0.000	1822991	0.0505	118.8- 178.8	143.8	
			Average of Peak Amounts =			0.0540			
						RPD = 23.98			
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.871						
1	4		3.500						
1	5		3.961						
2	6		2.569						
2	7		3.051						
2	8		3.716						
2	9		3.851						
2	10		4.918						
8 PCB-1254									
1	100		3.548						
1	2		3.961						
1	3		4.265						
1	4		4.475						
1	5		4.775						
2	6		4.410						
2	7		4.918						
2	8		5.136						
2	9		5.560						
2	10		5.773						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.166	0.000	5337860	0.0527		100.0	
1	2	4.475	4.475	0.000	10586247	0.0528	175.1- 225.1	198.3	
1	3	4.775	4.775	0.000	10299183	0.0515	173.2- 223.2	192.9	
1	4	5.526	5.526	0.000	14578093	0.0536	244.1- 294.1	273.1	
1	5	5.830	5.830	0.000	6828560	0.0529	101.5- 151.5	127.9	
			Average of Peak Amounts =			0.0527			
2	6	5.136	5.136	0.000	3596832	0.0540		100.0	
2	7	5.384	5.384	0.000	4249298	0.0169	86.6- 146.6	118.1	
2	8	5.773	5.773	0.000	6271728	0.0537	142.9- 202.9	174.4	
2	9	6.505	6.505	0.000	8058064	0.0566	179.5- 239.5	224.0	
2	10	6.908	6.908	0.000	5718032	0.0549	121.8- 181.8	159.0	
			Average of Peak Amounts =			0.0472			
						RPD = 10.93			
9 PCB-1262									
1	100		4.475						
1	2		4.910						
1	3		5.174						
1	4		5.526						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.505						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	6272913	0.002687			
2	2	8.220	8.220	0.000	3552961	0.002638			
						RPD = 1.84			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

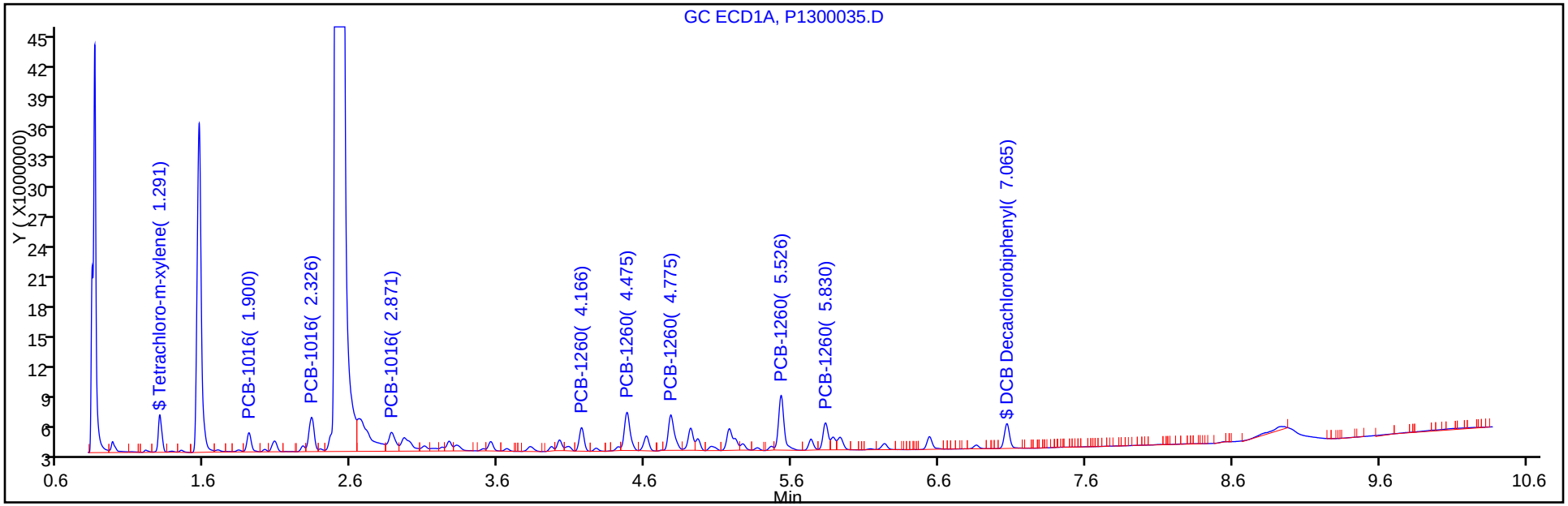
Report Date: 23-Nov-2012 07:46:31 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

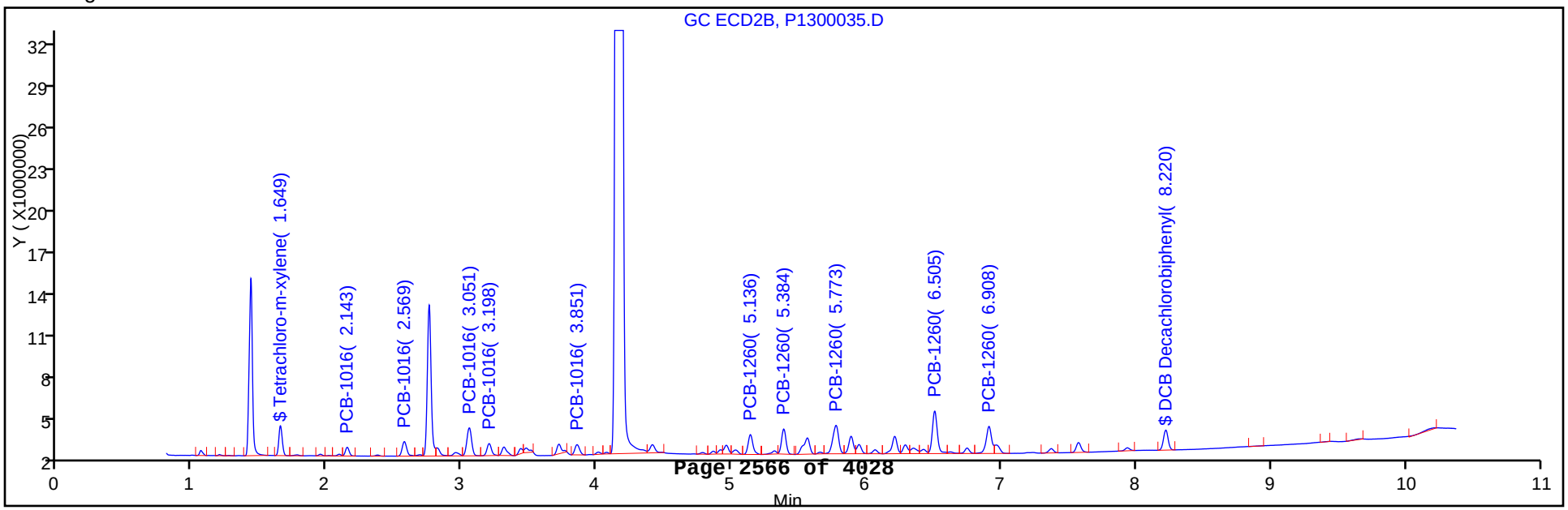
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300035.D

Injection Date:	21-Nov-2012 14:54:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	36
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65860/36

Matrix: Solid Lab File ID: P1300035.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/21/2012 14:54

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.: 65860 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0540		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0472	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		50-150
2051-24-3	DCB Decachlorobiphenyl	106		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300035.D
Lims ID: MRL Client ID:
Inject. Date: 21-Nov-2012 14:54:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015150-036
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 35
Lims Batch ID: 65860 Lims Sample ID: 36
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m
Last Update: 23-Nov-2012 07:46:31 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: hassl Date: 23-Nov-2012 07:39:37

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	1.291	1.291	0.000	6383447	0.002796			
2	2	1.649	1.649	0.000	3854028	0.002682			
						RPD = 4.17			
3 PCB-1221									
1	2		1.437						
1	3		1.591						
1	4		1.560						
2	4		1.946						
2	5		2.085						
2	6		2.143						
5 PCB-1242									
1	100		1.560						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.871						
2	6		2.143						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.560						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.871						
2	6		2.143						
2	7		2.569						
2	8		3.051						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.560	-1.560	0	0		100.0	
1	2	1.900	1.900	0.000	4017110	0.0559	149.3- 199.3		
1	3	2.326	2.326	0.000	8654569	0.0558	350.2- 400.2		
1	4	0.0	2.458	-2.458	0	0	130.7- 180.7		
1	5	2.871	2.871	0.000	6411089	0.0945	137.9- 187.9		
			Average of Peak Amounts =			0.0687			
2	6	2.143	2.143	0.000	1267456	0.0564		100.0	
2	7	2.569	2.569	0.000	2553742	0.0544	176.5- 236.5	201.5	
2	8	3.051	3.051	0.000	5034542	0.0554	362.5- 422.5	397.2	
2	9	3.198	3.198	0.000	2059553	0.0532	137.9- 197.9	162.5	
2	10	3.851	3.851	0.000	1822991	0.0505	118.8- 178.8	143.8	
			Average of Peak Amounts =			0.0540			
						RPD = 23.98			
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.871						
1	4		3.500						
1	5		3.961						
2	6		2.569						
2	7		3.051						
2	8		3.716						
2	9		3.851						
2	10		4.918						
8 PCB-1254									
1	100		3.548						
1	2		3.961						
1	3		4.265						
1	4		4.475						
1	5		4.775						
2	6		4.410						
2	7		4.918						
2	8		5.136						
2	9		5.560						
2	10		5.773						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.166	0.000	5337860	0.0527		100.0	
1	2	4.475	4.475	0.000	10586247	0.0528	175.1- 225.1	198.3	
1	3	4.775	4.775	0.000	10299183	0.0515	173.2- 223.2	192.9	
1	4	5.526	5.526	0.000	14578093	0.0536	244.1- 294.1	273.1	
1	5	5.830	5.830	0.000	6828560	0.0529	101.5- 151.5	127.9	
			Average of Peak Amounts =			0.0527			
2	6	5.136	5.136	0.000	3596832	0.0540		100.0	
2	7	5.384	5.384	0.000	4249298	0.0169	86.6- 146.6	118.1	
2	8	5.773	5.773	0.000	6271728	0.0537	142.9- 202.9	174.4	
2	9	6.505	6.505	0.000	8058064	0.0566	179.5- 239.5	224.0	
2	10	6.908	6.908	0.000	5718032	0.0549	121.8- 181.8	159.0	
			Average of Peak Amounts =			0.0472			
						RPD = 10.93			
9 PCB-1262									
1	100		4.475						
1	2		4.910						
1	3		5.174						
1	4		5.526						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.505						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.065	0.000	6272913	0.002687			
2	2	8.220	8.220	0.000	3552961	0.002638			
						RPD = 1.84			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

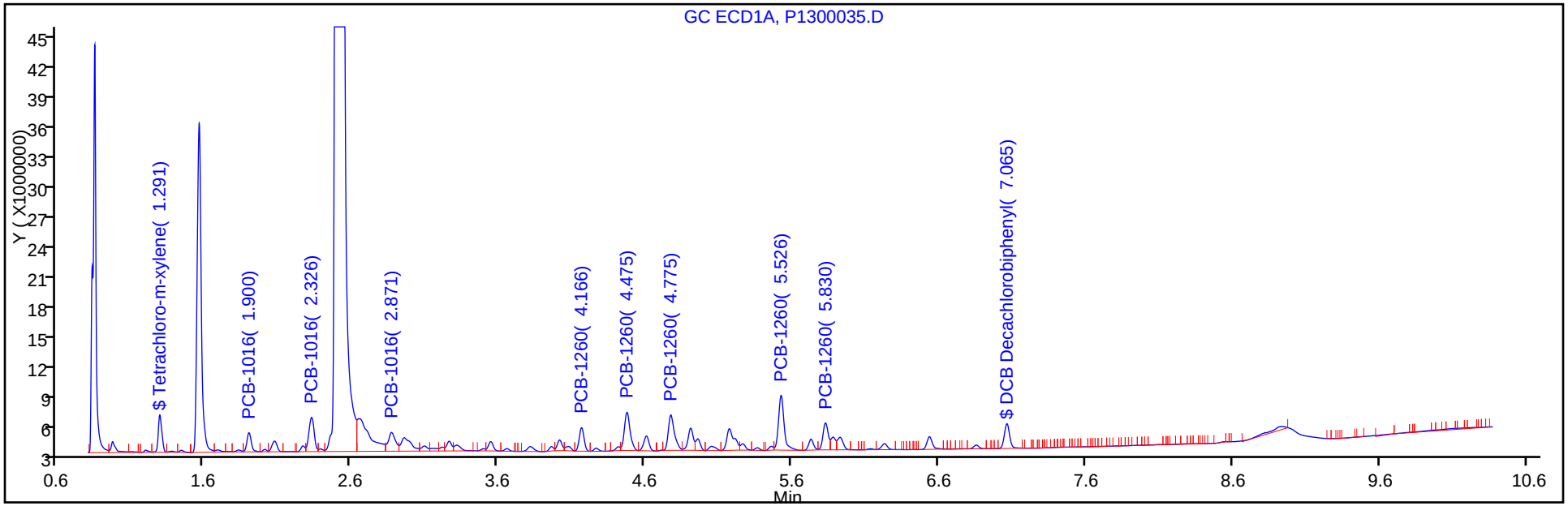
Report Date: 23-Nov-2012 07:46:32 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

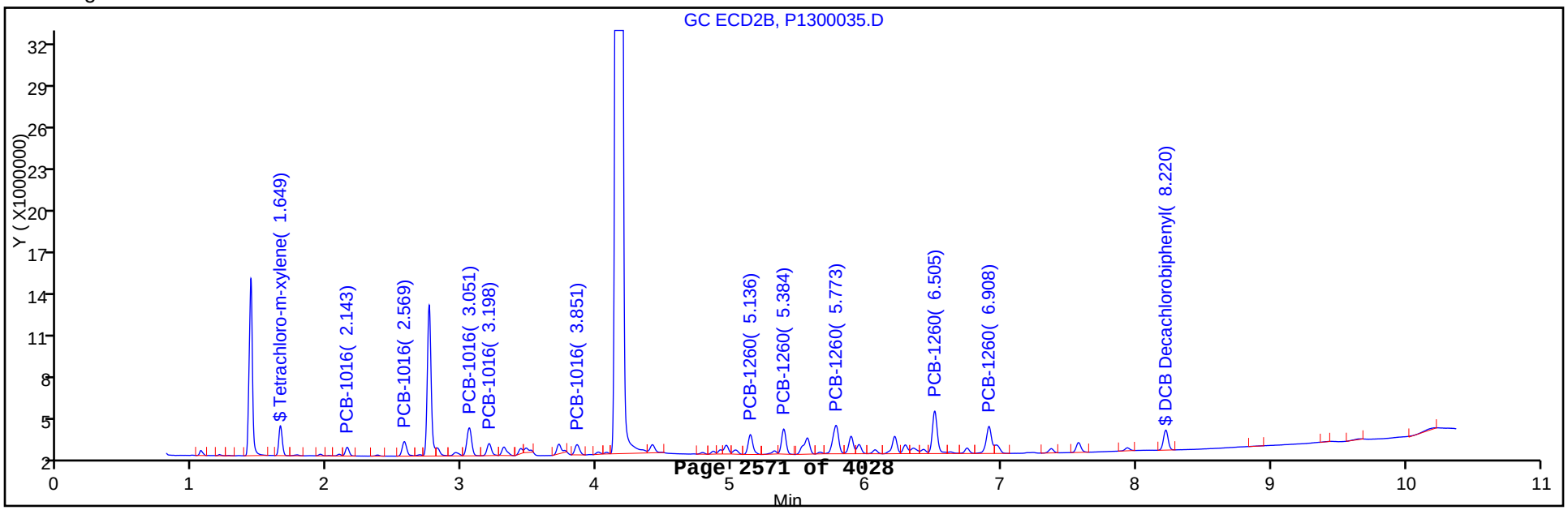
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300035.D

Injection Date:	21-Nov-2012 14:54:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	36
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300017.D

Analysis Method: 8082/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.96(g) Date Analyzed: 11/21/2012 10:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300017.D		
Lims ID:	240-17422-A-2-O MS	Client ID:	076SS-0020M-0002-SO
Inject. Date:	21-Nov-2012 10:26:05	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015150-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	65860	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	26-Nov-2012 13:56:35	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:	26-Nov-2012 13:56:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.291	0.003	33649933	0.0147			
2	2	1.651	1.648	0.003	21044109	0.0146			
						RPD = 0.66			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.551	-1.551	0	0		100.0	
1	2	1.902	1.899	0.003	52154107	0.7256	149.3- 199.3		
1	3	2.329	2.325	0.004	112343542	0.7238	350.2- 400.2		
1	4	2.460	2.458	0.002	39612805	0.6144	130.7- 180.7		
1	5	2.873	2.871	0.002	43994609	0.6484	137.9- 187.9		
			Average of Peak Amounts =			0.6781			
2	6	2.146	2.144	0.002	16908515	0.7524		100.0	
2	7	2.570	2.567	0.003	35829691	0.7638	176.5- 236.5	211.9	
2	8	3.051	3.050	0.001	76794003	0.8452	362.5- 422.5	454.2	
2	9	3.199	3.198	0.001	31882608	0.8235	137.9- 197.9	188.6	
2	10	3.851	3.851	0.000	23905569	0.6628	118.8- 178.8	141.4	
			Average of Peak Amounts =			0.7695			
						RPD = 12.64			
7 PCB-1248									M
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									M
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.167	4.167	0.000	66062316	0.6518		100.0	M
1	2	4.476	4.475	0.001	138154872	0.6886	175.1- 225.1	209.1	M
1	3	4.775	4.775	0.000	141396960	0.7068	173.2- 223.2	214.0	M
1	4	5.526	5.528	-0.002	186430998	0.6859	244.1- 294.1	282.2	M
1	5	5.829	5.829	0.000	83481658	0.6464	101.5- 151.5	126.4	M
			Average of Peak Amounts =			0.6759			
2	6	5.138	5.137	0.001	48494205	0.7276		100.0	
2	7	5.385	5.384	0.001	59558970	0.8049	86.6- 146.6	122.8	
2	8	5.774	5.771	0.003	90139326	0.7715	142.9- 202.9	185.9	
2	9	6.505	6.504	0.001	111875325	0.7862	179.5- 239.5	230.7	
2	10	6.908	6.908	0.000	77993946	0.7490	121.8- 181.8	160.8	
			Average of Peak Amounts =			0.7679			
						RPD = 12.74			
9 PCB-1262									M
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									M
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	30922875	0.0132			
2	2	8.219	8.219	0.000	18477745	0.0137			
						RPD = 3.51			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

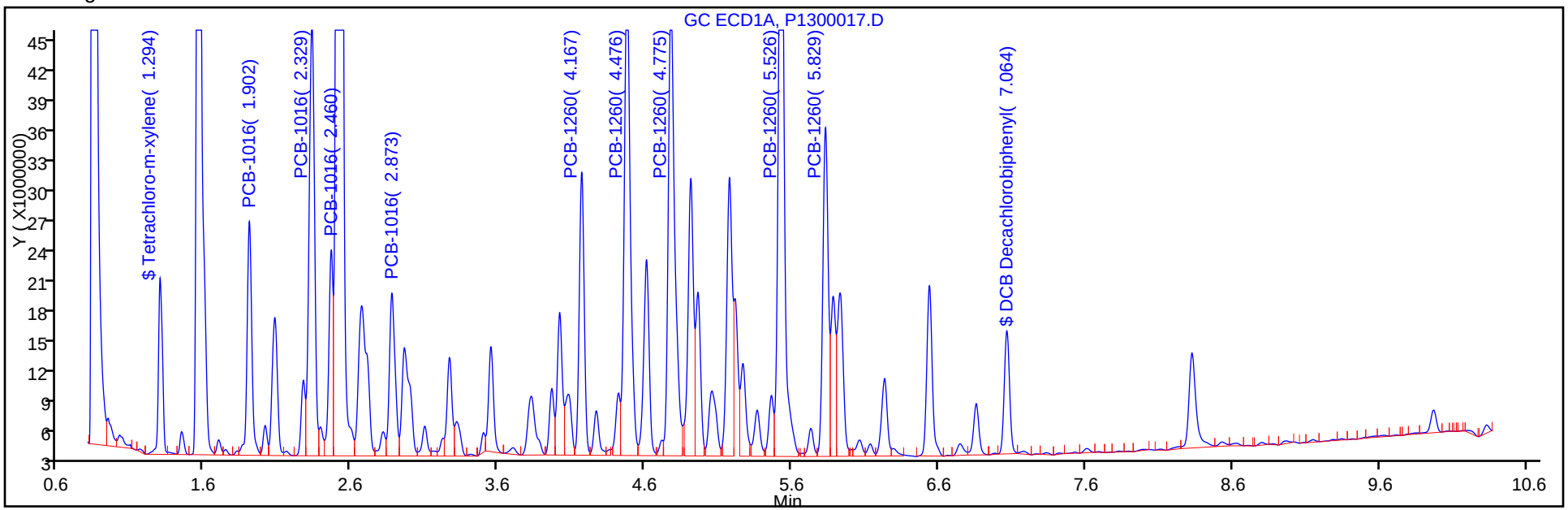
Report Date: 26-Nov-2012 13:56:35 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

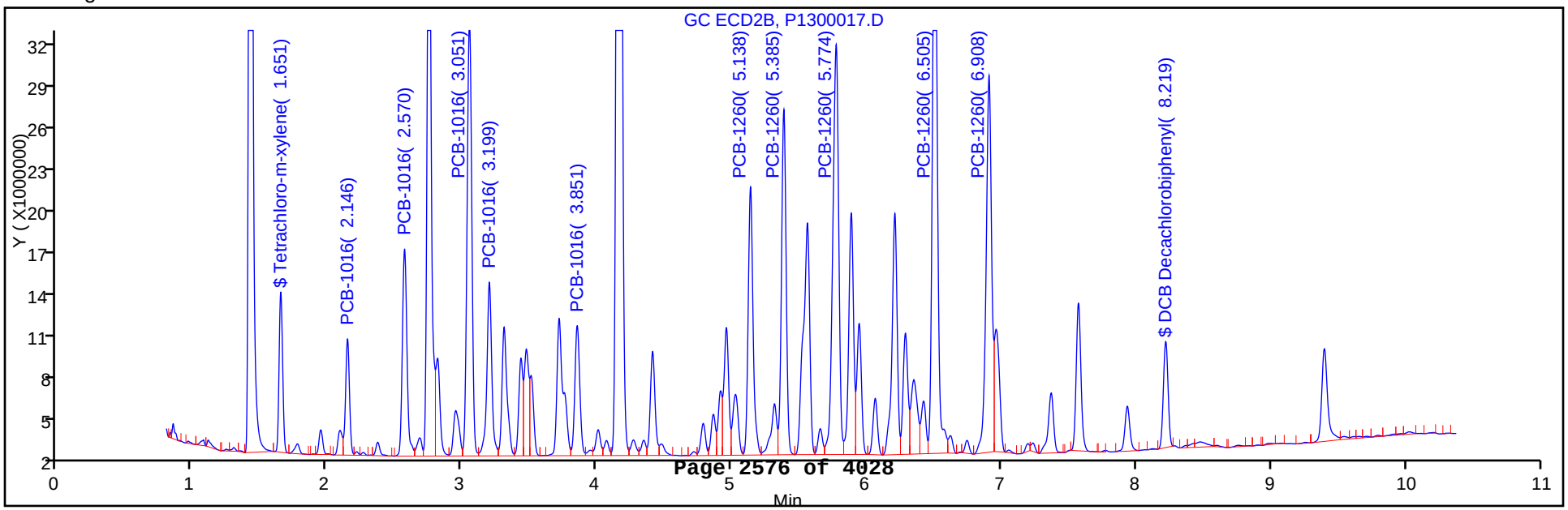
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300017.D

Injection Date:	21-Nov-2012 10:26:05	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



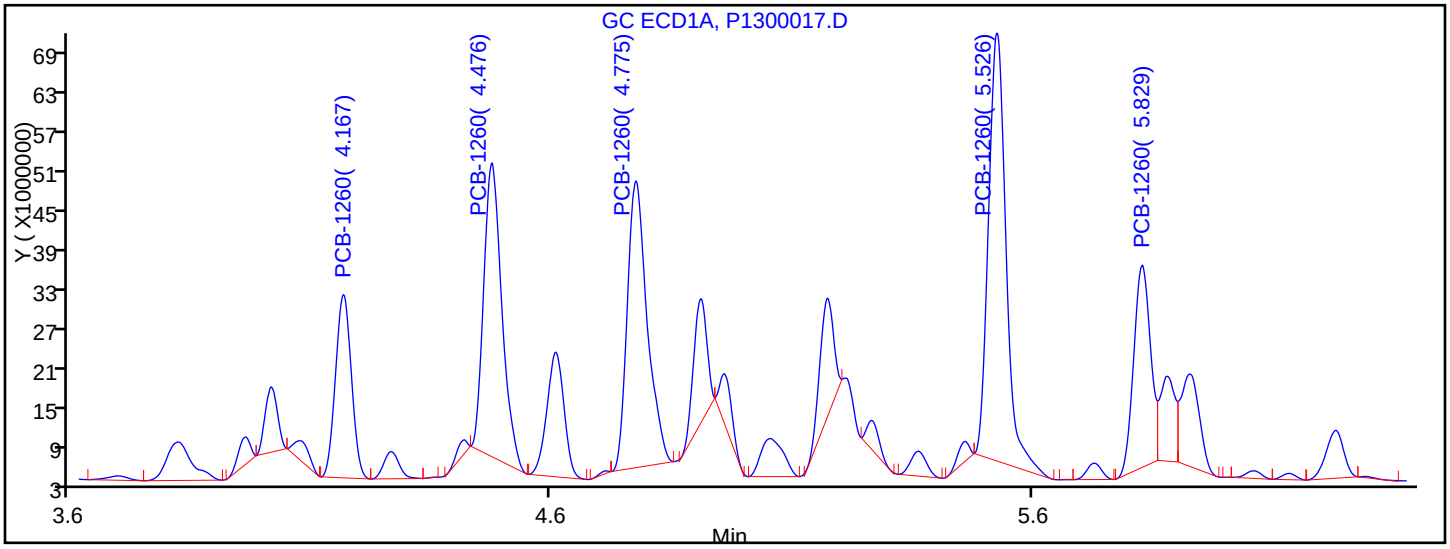
Report Date: 26-Nov-2012 13:56:36 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300017.D

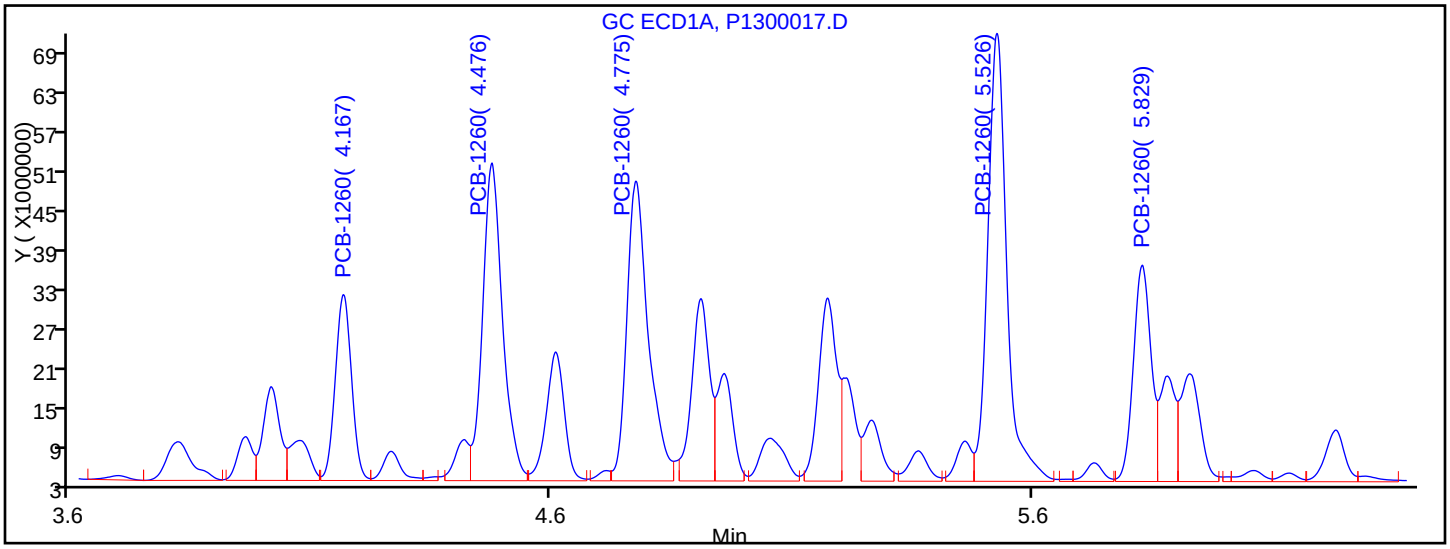
Injection Date:	21-Nov-2012 10:26:05	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 4.167	Response = 63344966	M
RT = 4.476	Response = 115918648	M
RT = 4.775	Response = 124390073	M
RT = 5.526	Response = 163931755	M
RT = 5.829	Response = 74110402	M



Manual Integration Results

RT = 4.167	Response = 66062316	M
RT = 4.476	Response = 138154872	M
RT = 4.775	Response = 141396960	M
RT = 5.526	Response = 186430998	M
RT = 5.829	Response = 83481658	M

Reviewer: hassl, 23-Nov-2012 07:19:28

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300017.D

Analysis Method: 8082/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.96(g) | Date Analyzed: 11/21/2012 10:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	257		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	256		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300017.D		
Lims ID:	240-17422-A-2-O MS	Client ID:	076SS-0020M-0002-SO
Inject. Date:	21-Nov-2012 10:26:05	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015150-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	65860	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	26-Nov-2012 13:56:35	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: 26-Nov-2012 13:56:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.291	0.003	33649933	0.0147			
2	2	1.651	1.648	0.003	21044109	0.0146			
						RPD = 0.66			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.551	-1.551	0	0		100.0	
1	2	1.902	1.899	0.003	52154107	0.7256	149.3- 199.3		
1	3	2.329	2.325	0.004	112343542	0.7238	350.2- 400.2		
1	4	2.460	2.458	0.002	39612805	0.6144	130.7- 180.7		
1	5	2.873	2.871	0.002	43994609	0.6484	137.9- 187.9		
			Average of Peak Amounts =			0.6781			
2	6	2.146	2.144	0.002	16908515	0.7524		100.0	
2	7	2.570	2.567	0.003	35829691	0.7638	176.5- 236.5	211.9	
2	8	3.051	3.050	0.001	76794003	0.8452	362.5- 422.5	454.2	
2	9	3.199	3.198	0.001	31882608	0.8235	137.9- 197.9	188.6	
2	10	3.851	3.851	0.000	23905569	0.6628	118.8- 178.8	141.4	
			Average of Peak Amounts =			0.7695			
						RPD = 12.64			
7 PCB-1248									M
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									M
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.167	4.167	0.000	66062316	0.6518		100.0	M
1	2	4.476	4.475	0.001	138154872	0.6886	175.1- 225.1	209.1	M
1	3	4.775	4.775	0.000	141396960	0.7068	173.2- 223.2	214.0	M
1	4	5.526	5.528	-0.002	186430998	0.6859	244.1- 294.1	282.2	M
1	5	5.829	5.829	0.000	83481658	0.6464	101.5- 151.5	126.4	M
			Average of Peak Amounts =			0.6759			
2	6	5.138	5.137	0.001	48494205	0.7276		100.0	
2	7	5.385	5.384	0.001	59558970	0.8049	86.6- 146.6	122.8	
2	8	5.774	5.771	0.003	90139326	0.7715	142.9- 202.9	185.9	
2	9	6.505	6.504	0.001	111875325	0.7862	179.5- 239.5	230.7	
2	10	6.908	6.908	0.000	77993946	0.7490	121.8- 181.8	160.8	
			Average of Peak Amounts =			0.7679			
						RPD = 12.74			
9 PCB-1262									M
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									M
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.064	0.000	30922875	0.0132			
2	2	8.219	8.219	0.000	18477745	0.0137			
						RPD = 3.51			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

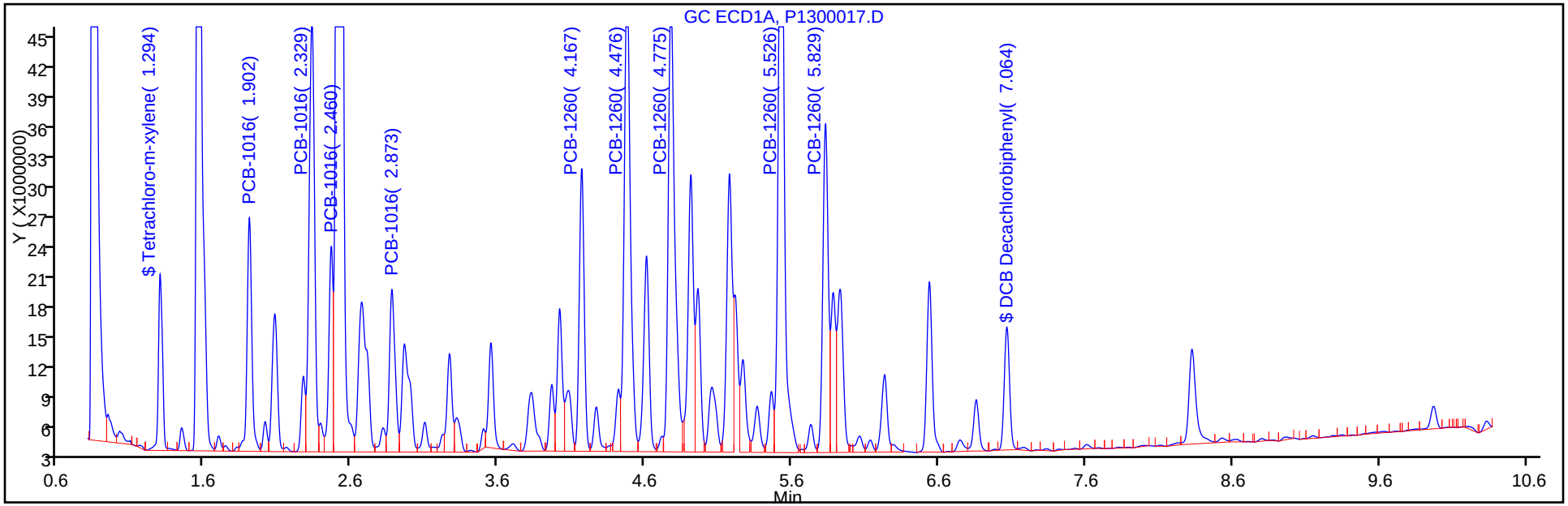
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 13:56:36 Chrom Revision: 2.0 15-Nov-2012 14:43:54

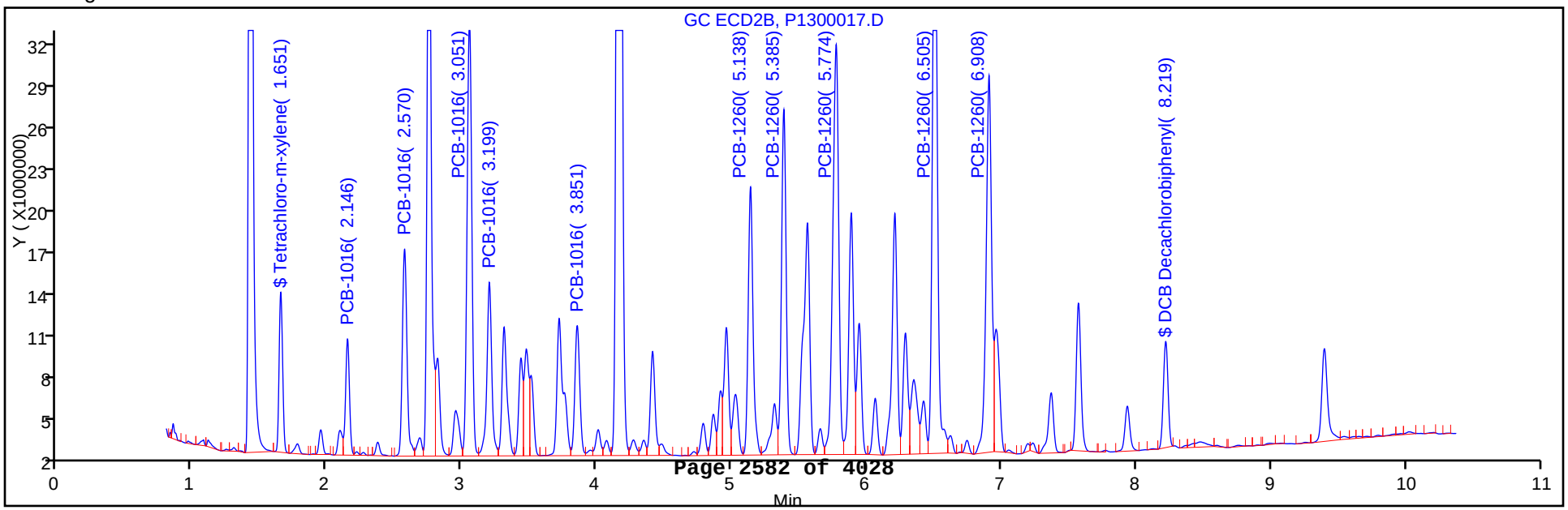
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300017.D		
Injection Date:	21-Nov-2012 10:26:05	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300024.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.61(g) Date Analyzed: 11/21/2012 12:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	54		40-140
2051-24-3	DCB Decachlorobiphenyl	52	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300024.D		
Lims ID:	240-17422-A-6-O MS	Client ID:	073SS-0003M-0002-SO
Inject. Date:	21-Nov-2012 12:10:39	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015150-024		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	24
Lims Batch ID:	65860	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	26-Nov-2012 13:59:21	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		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:31

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	1.292	1.292	0.000	24764238	0.0108			
2	2	1.649	1.649	0.000	15029457	0.0105			
						RPD = 3.65			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.901	1.900	0.001	37569956	0.5227	149.3- 199.3		
1	3	2.327	2.326	0.001	82369514	0.5307	350.2- 400.2		
1	4	2.458	2.458	0.000	28725802	0.4456	130.7- 180.7		
1	5	2.871	2.871	0.000	33008716	0.4865	137.9- 187.9		
			Average of Peak Amounts =			0.4964			
2	6	2.145	2.145	0.000	12443840	0.5537		100.0	
2	7	2.568	2.569	-0.001	26084878	0.5561	176.5- 236.5	209.6	
2	8	3.050	3.051	-0.001	56104545	0.6175	362.5- 422.5	450.9	
2	9	3.198	3.198	0.000	23105832	0.5968	137.9- 197.9	185.7	
2	10	3.851	3.851	0.000	18507511	0.5131	118.8- 178.8	148.7	
			Average of Peak Amounts =			0.5674			
						RPD = 13.36			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	46734831	0.4611		100.0	
1	2	4.476	4.476	0.000	98255941	0.4897	175.1- 225.1	210.2	
1	3	4.775	4.776	-0.001	99336927	0.4966	173.2- 223.2	212.6	
1	4	5.527	5.526	0.001	128583152	0.4731	244.1- 294.1	275.1	
1	5	5.828	5.831	-0.003	60351221	0.4673	101.5- 151.5	129.1	
			Average of Peak Amounts =			0.4776			
2	6	5.137	5.137	0.000	36232449	0.5436		100.0	
2	7	5.384	5.386	-0.002	44242033	0.5867	86.6- 146.6	122.1	
2	8	5.772	5.774	-0.002	66617464	0.5702	142.9- 202.9	183.9	
2	9	6.505	6.506	-0.001	82069573	0.5768	179.5- 239.5	226.5	
2	10	6.907	6.908	-0.001	57289967	0.5502	121.8- 181.8	158.1	
			Average of Peak Amounts =			0.5655			
						RPD = 16.86			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	24334822	0.0104			
2	2	8.220	8.219	0.001	15141609	0.0112			
						RPD = 7.56			

QC Flag Legend

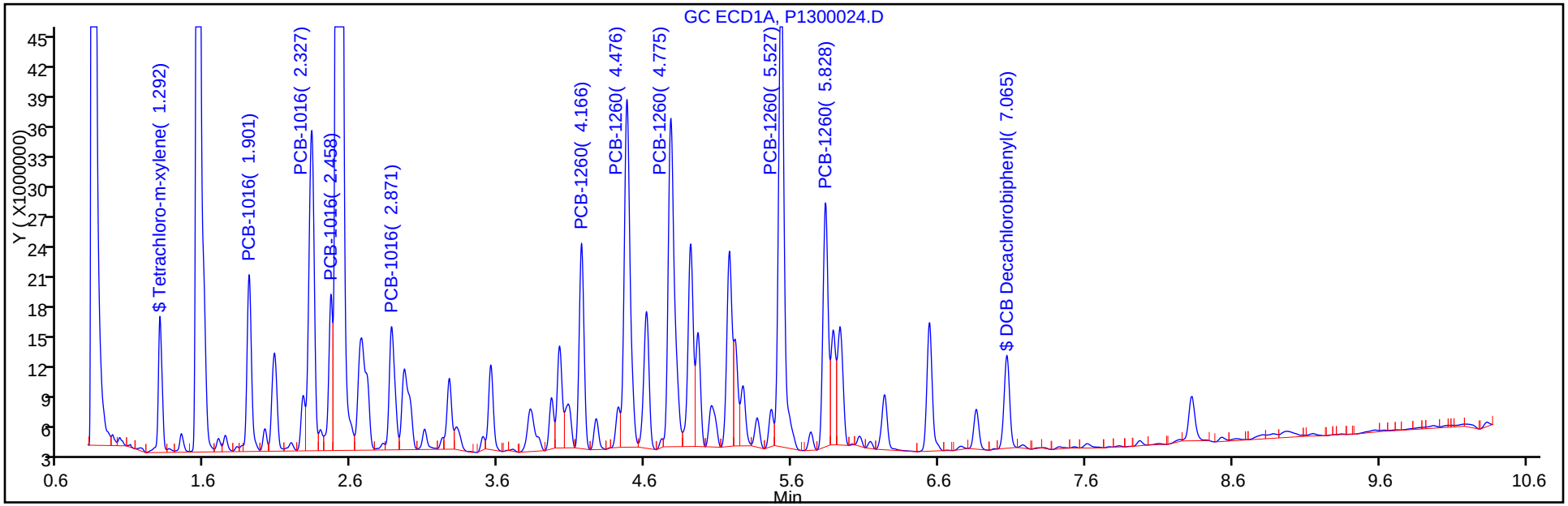
Processing Flags
7 - Failed Limit of Detection

Report Date: 26-Nov-2012 13:59:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

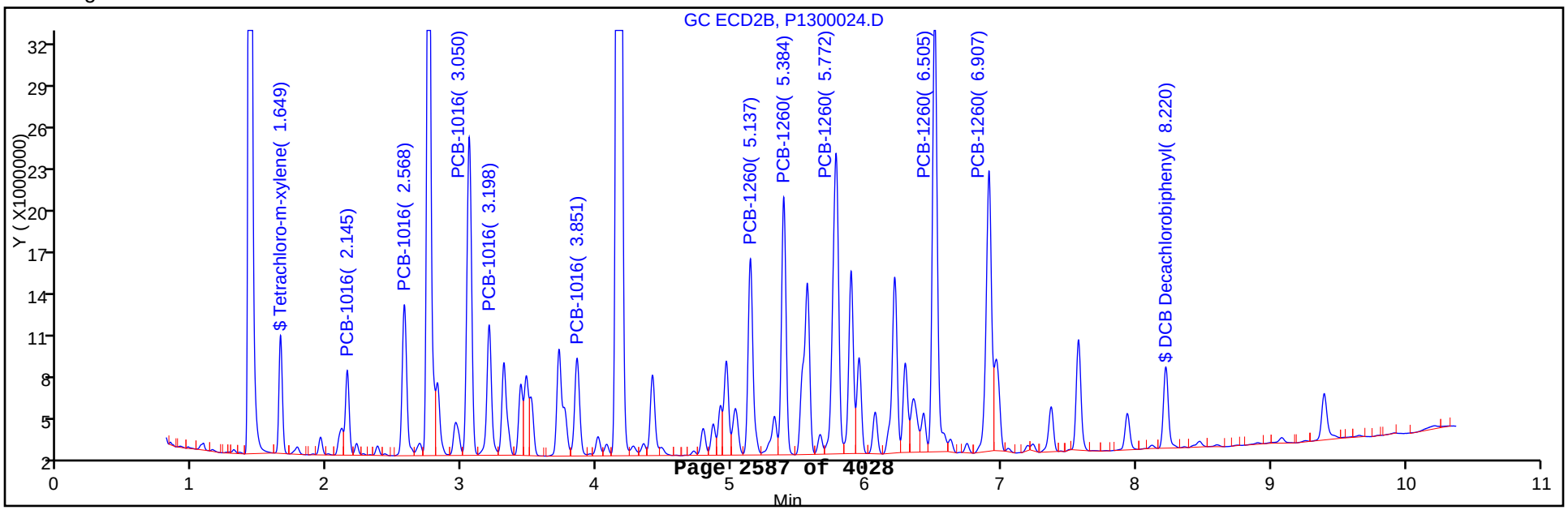
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300024.D		
Injection Date:	21-Nov-2012 12:10:39	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300024.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.61(g) | Date Analyzed: 11/21/2012 12:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	192		66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	41	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	191	J	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	52		40-140
2051-24-3	DCB Decachlorobiphenyl	56	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300024.D		
Lims ID:	240-17422-A-6-O MS	Client ID:	073SS-0003M-0002-SO
Inject. Date:	21-Nov-2012 12:10:39	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015150-024		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	24
Lims Batch ID:	65860	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	26-Nov-2012 13:59:21	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		
First Level Reviewer: hassl		Date:	23-Nov-2012 07:21:31

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	1.292	1.292	0.000	24764238	0.0108			
2	2	1.649	1.649	0.000	15029457	0.0105			
						RPD = 3.65			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.901	1.900	0.001	37569956	0.5227	149.3- 199.3		
1	3	2.327	2.326	0.001	82369514	0.5307	350.2- 400.2		
1	4	2.458	2.458	0.000	28725802	0.4456	130.7- 180.7		
1	5	2.871	2.871	0.000	33008716	0.4865	137.9- 187.9		
			Average of Peak Amounts =			0.4964			
2	6	2.145	2.145	0.000	12443840	0.5537		100.0	
2	7	2.568	2.569	-0.001	26084878	0.5561	176.5- 236.5	209.6	
2	8	3.050	3.051	-0.001	56104545	0.6175	362.5- 422.5	450.9	
2	9	3.198	3.198	0.000	23105832	0.5968	137.9- 197.9	185.7	
2	10	3.851	3.851	0.000	18507511	0.5131	118.8- 178.8	148.7	
			Average of Peak Amounts =			0.5674			
						RPD = 13.36			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	46734831	0.4611		100.0	
1	2	4.476	4.476	0.000	98255941	0.4897	175.1- 225.1	210.2	
1	3	4.775	4.776	-0.001	99336927	0.4966	173.2- 223.2	212.6	
1	4	5.527	5.526	0.001	128583152	0.4731	244.1- 294.1	275.1	
1	5	5.828	5.831	-0.003	60351221	0.4673	101.5- 151.5	129.1	
			Average of Peak Amounts =			0.4776			
2	6	5.137	5.137	0.000	36232449	0.5436		100.0	
2	7	5.384	5.386	-0.002	44242033	0.5867	86.6- 146.6	122.1	
2	8	5.772	5.774	-0.002	66617464	0.5702	142.9- 202.9	183.9	
2	9	6.505	6.506	-0.001	82069573	0.5768	179.5- 239.5	226.5	
2	10	6.907	6.908	-0.001	57289967	0.5502	121.8- 181.8	158.1	
			Average of Peak Amounts =			0.5655			
						RPD = 16.86			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	24334822	0.0104			
2	2	8.220	8.219	0.001	15141609	0.0112			
						RPD = 7.56			

QC Flag Legend

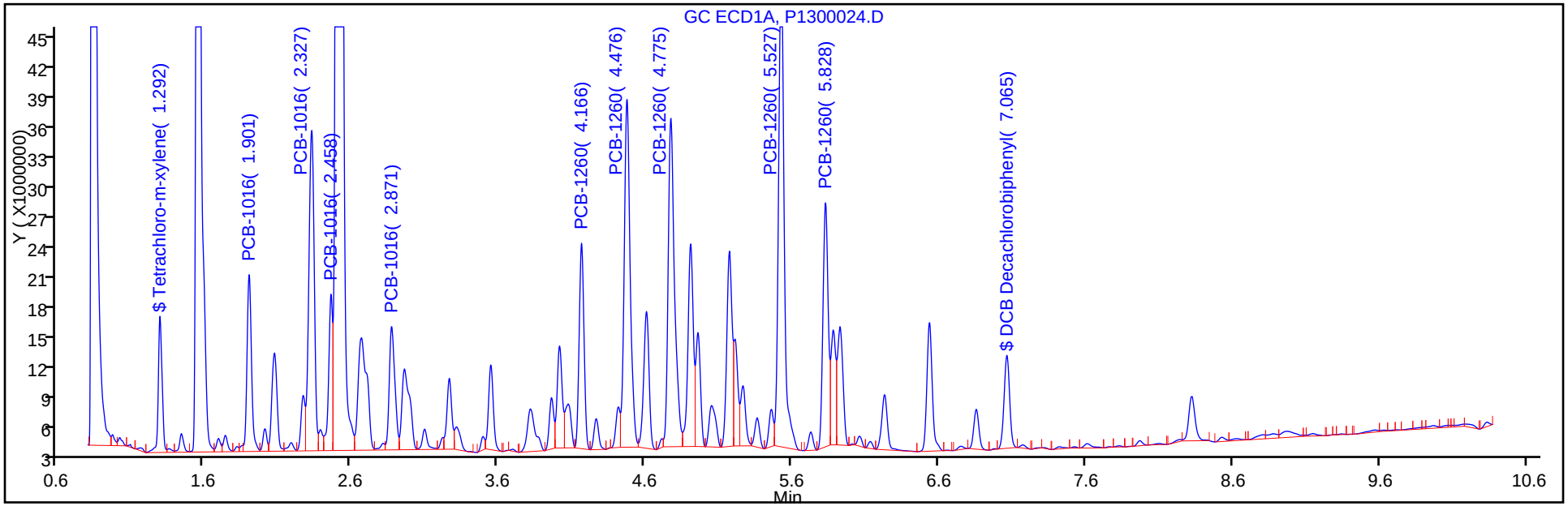
Processing Flags
7 - Failed Limit of Detection

Report Date: 26-Nov-2012 13:59:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

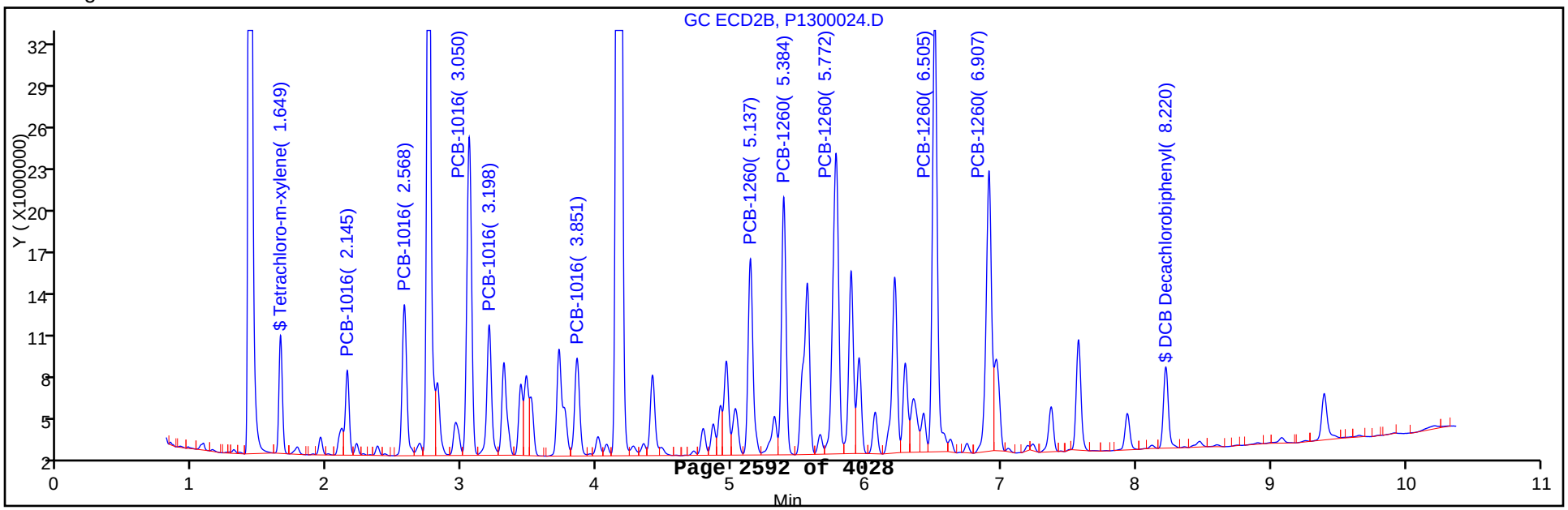
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300024.D		
Injection Date:	21-Nov-2012 12:10:39	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300027.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.67(g) Date Analyzed: 11/21/2012 12:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300027.D		
Lims ID:	240-17422-A-9-N MS	Client ID:	068SD-0009-0002-SO
Inject. Date:	21-Nov-2012 12:55:27	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015150-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	27
Lims Batch ID:	65860	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:22:25

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	1.292	1.292	0.000	32257079	0.0141			
2	2	1.649	1.649	0.000	20188501	0.0140			
						RPD = 0.58			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.900	1.900	0.000	47341098	0.6586	149.3- 199.3		
1	3	2.328	2.326	0.002	102390436	0.6597	350.2- 400.2		
1	4	2.459	2.458	0.001	34836423	0.5403	130.7- 180.7		
1	5	2.872	2.871	0.001	41242150	0.6079	137.9- 187.9		
			Average of Peak Amounts =			0.6166			
2	6	2.144	2.145	-0.001	15968413	0.7105		100.0	
2	7	2.569	2.569	0.000	31860885	0.6792	176.5- 236.5	199.5	
2	8	3.051	3.051	0.000	69886012	0.7692	362.5- 422.5	437.7	
2	9	3.198	3.198	0.000	28419139	0.7340	137.9- 197.9	178.0	
2	10	3.850	3.851	-0.001	22462563	0.6228	118.8- 178.8	140.7	
			Average of Peak Amounts =			0.7031			
						RPD = 13.11			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	60648864	0.5984		100.0	
1	2	4.474	4.476	-0.002	125958717	0.6278	175.1- 225.1	207.7	
1	3	4.773	4.776	-0.003	125891452	0.6293	173.2- 223.2	207.6	
1	4	5.525	5.526	-0.001	164623918	0.6057	244.1- 294.1	271.4	
1	5	5.828	5.831	-0.003	75197135	0.5822	101.5- 151.5	124.0	
			Average of Peak Amounts =			0.6087			
2	6	5.137	5.137	0.000	44961716	0.6746		100.0	
2	7	5.384	5.386	-0.002	54968698	0.7395	86.6- 146.6	122.3	
2	8	5.773	5.774	-0.001	82582120	0.7068	142.9- 202.9	183.7	
2	9	6.506	6.506	0.000	100193858	0.7041	179.5- 239.5	222.8	
2	10	6.908	6.908	0.000	71126517	0.6830	121.8- 181.8	158.2	
			Average of Peak Amounts =			0.7016			
						RPD = 14.19			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	29790880	0.0128			
2	2	8.220	8.219	0.001	20014499	0.0149			
						RPD = 15.20			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

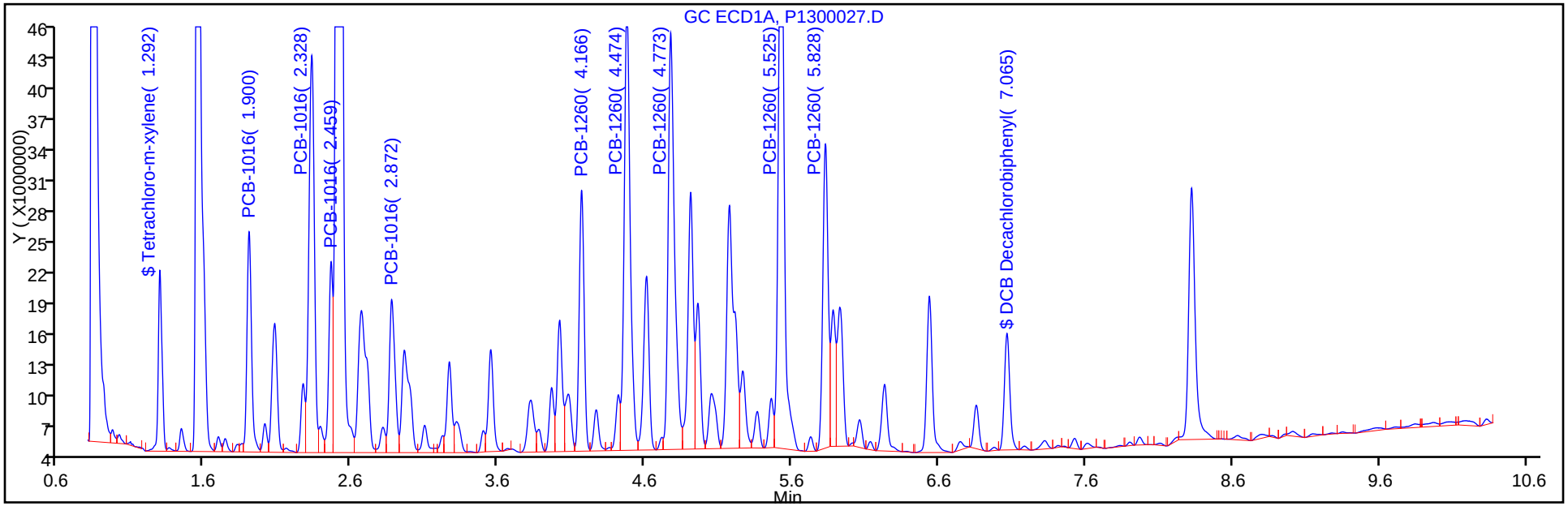
Report Date: 23-Nov-2012 07:46:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

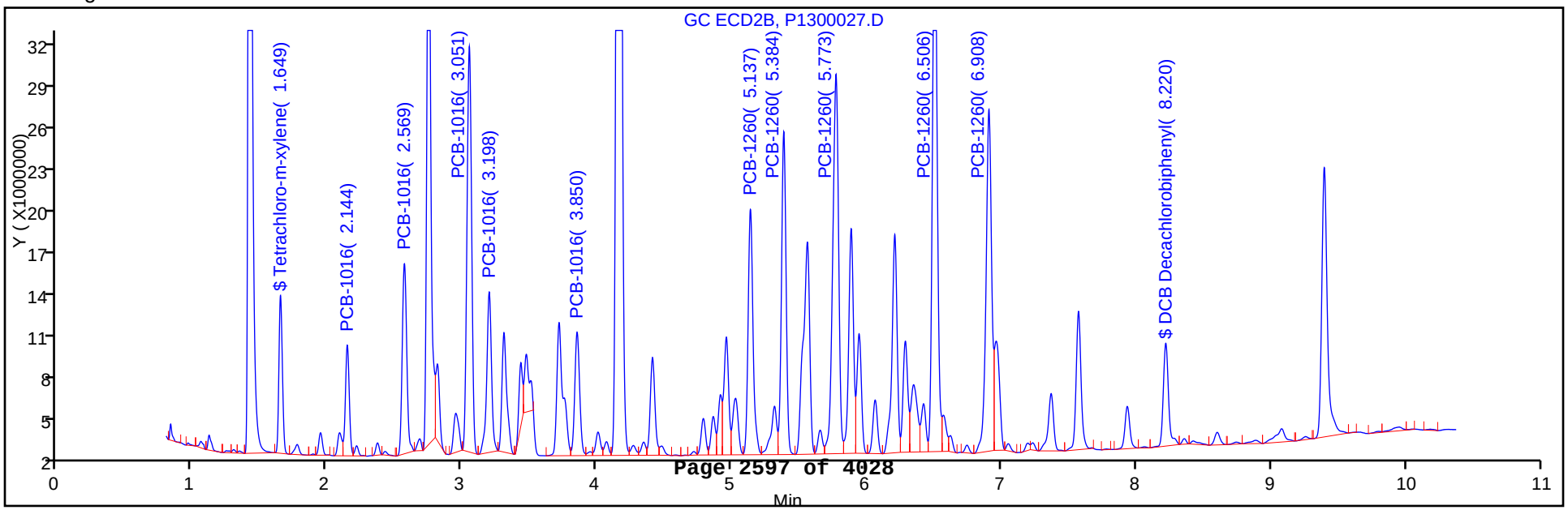
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300027.D

Injection Date:	21-Nov-2012 12:55:27	Limit Group:	GC 8082A ICAL
Client ID:	068SD-0009-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300027.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 12:35

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.67(g) | Date Analyzed: 11/21/2012 12:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	237		66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	236		56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	74		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300027.D		
Lims ID:	240-17422-A-9-N MS	Client ID:	068SD-0009-0002-SO
Inject. Date:	21-Nov-2012 12:55:27	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015150-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	27
Lims Batch ID:	65860	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:22:25

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	1.292	1.292	0.000	32257079	0.0141			
2	2	1.649	1.649	0.000	20188501	0.0140			
						RPD = 0.58			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.900	1.900	0.000	47341098	0.6586	149.3- 199.3		
1	3	2.328	2.326	0.002	102390436	0.6597	350.2- 400.2		
1	4	2.459	2.458	0.001	34836423	0.5403	130.7- 180.7		
1	5	2.872	2.871	0.001	41242150	0.6079	137.9- 187.9		
			Average of Peak Amounts =			0.6166			
2	6	2.144	2.145	-0.001	15968413	0.7105		100.0	
2	7	2.569	2.569	0.000	31860885	0.6792	176.5- 236.5	199.5	
2	8	3.051	3.051	0.000	69886012	0.7692	362.5- 422.5	437.7	
2	9	3.198	3.198	0.000	28419139	0.7340	137.9- 197.9	178.0	
2	10	3.850	3.851	-0.001	22462563	0.6228	118.8- 178.8	140.7	
			Average of Peak Amounts =			0.7031			
						RPD = 13.11			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	60648864	0.5984		100.0	
1	2	4.474	4.476	-0.002	125958717	0.6278	175.1- 225.1	207.7	
1	3	4.773	4.776	-0.003	125891452	0.6293	173.2- 223.2	207.6	
1	4	5.525	5.526	-0.001	164623918	0.6057	244.1- 294.1	271.4	
1	5	5.828	5.831	-0.003	75197135	0.5822	101.5- 151.5	124.0	
			Average of Peak Amounts =			0.6087			
2	6	5.137	5.137	0.000	44961716	0.6746		100.0	
2	7	5.384	5.386	-0.002	54968698	0.7395	86.6- 146.6	122.3	
2	8	5.773	5.774	-0.001	82582120	0.7068	142.9- 202.9	183.7	
2	9	6.506	6.506	0.000	100193858	0.7041	179.5- 239.5	222.8	
2	10	6.908	6.908	0.000	71126517	0.6830	121.8- 181.8	158.2	
			Average of Peak Amounts =			0.7016			
						RPD = 14.19			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	29790880	0.0128			
2	2	8.220	8.219	0.001	20014499	0.0149			
						RPD = 15.20			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

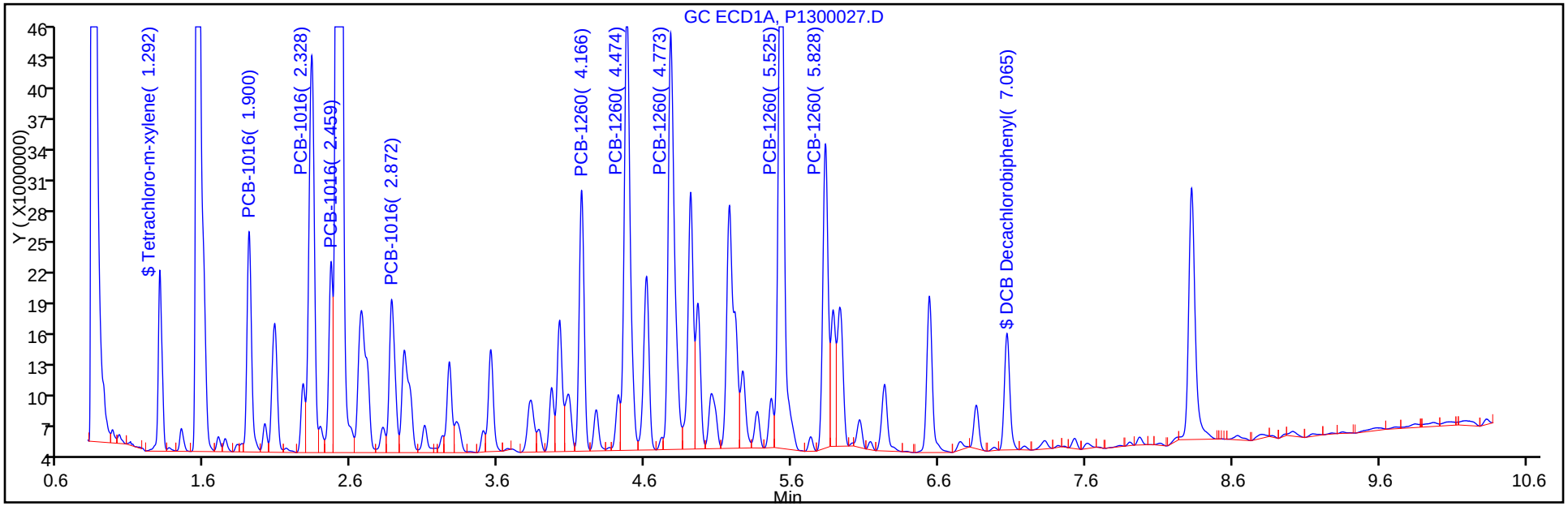
Report Date: 23-Nov-2012 07:46:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

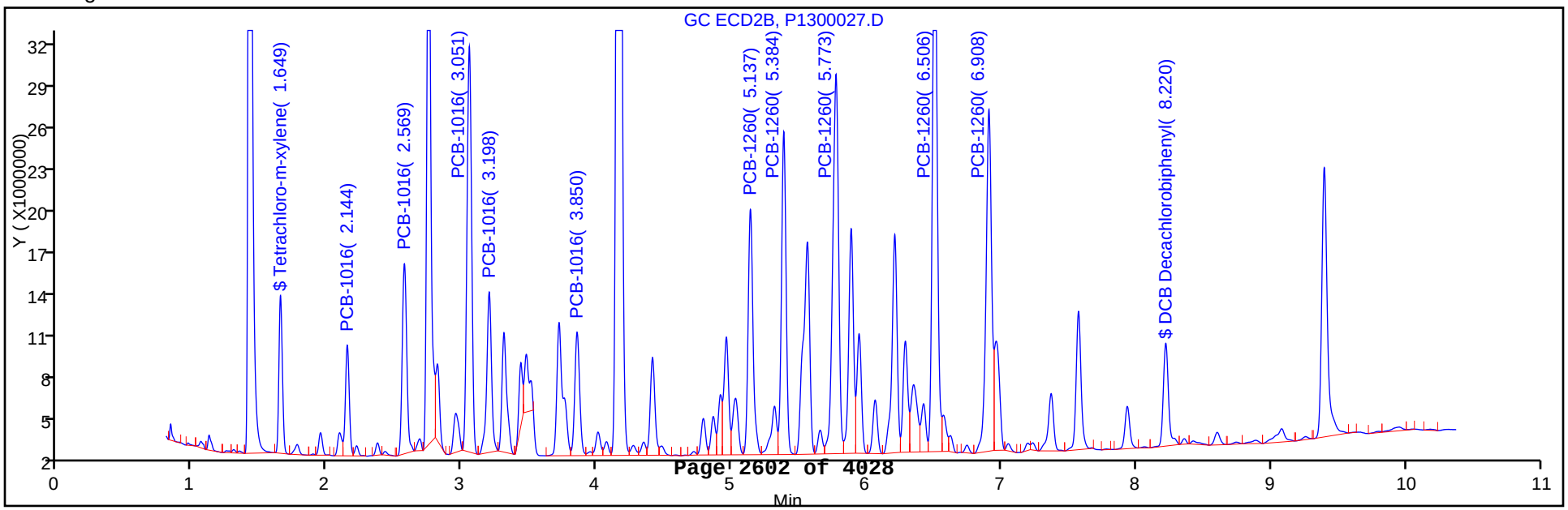
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300027.D

Injection Date:	21-Nov-2012 12:55:27	Limit Group:	GC 8082A ICAL
Client ID:	068SD-0009-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MS Lab Sample ID: 240-17422-13 MS

Matrix: Water Lab File ID: P1300012.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 14:30

Extraction Method: 3520C Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) Date Analyzed: 11/18/2012 16:28

Con. Extract Vol.: 5.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	63		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300012.D
Lims ID: 240-17422-I-13-A MS
Client ID: 076SW-0013-0002-SW
Inject. Date: 18-Nov-2012 16:28:06
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015025-012
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 12
Lims Batch ID: 65363
Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl
Date: 19-Nov-2012 11:04:56

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	1.292	1.294	-0.002	72495089	0.0318			
2	2	1.647	1.650	-0.003	52969738	0.0369			
						RPD = 14.88			
3 PCB-1221									
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100	1.589	1.593	-0.004	31600225	0.7773			100.0
1	2	1.898	1.901	-0.003	59724663	0.8309	149.3- 199.3	189.0	
1	3	2.327	2.328	-0.001	154569273	1.00	350.2- 400.2	489.1	
1	4	2.456	2.459	-0.003	59553512	0.9237	130.7- 180.7	188.5	
1	5	2.870	2.871	-0.001	58670537	0.8647	137.9- 187.9	185.7	
			Average of Peak Amounts =			0.8785			
2	6	2.144	2.146	-0.002	19833274	0.8825			100.0
2	7	2.567	2.569	-0.002	42792288	0.9122	176.5- 236.5	215.8	
2	8	3.049	3.052	-0.003	96380686	1.06	362.5- 422.5	486.0	
2	9	3.197	3.199	-0.002	35569284	0.9187	137.9- 197.9	179.3	
2	10	3.850	3.852	-0.002	28177536	0.7812	118.8- 178.8	142.1	
			Average of Peak Amounts =			0.9111			
						RPD = 3.64			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.167	-0.002	84877318	0.8374		100.0	
1	2	4.473	4.476	-0.003	166632701	0.8305	175.1- 225.1	196.3	
1	3	4.775	4.774	0.001	166090373	0.8303	173.2- 223.2	195.7	
1	4	5.525	5.524	0.001	215840342	0.7941	244.1- 294.1	254.3	
1	5	5.828	5.828	0.000	99532361	0.7707	101.5- 151.5	117.3	
			Average of Peak Amounts =			0.8126			
2	6	5.137	5.136	0.001	58120838	0.8720		100.0	
2	7	5.384	5.384	0.000	67509887	0.9182	86.6- 146.6	116.2	
2	8	5.772	5.772	0.000	103080094	0.8823	142.9- 202.9	177.4	
2	9	6.504	6.504	0.000	123289699	0.8665	179.5- 239.5	212.1	
2	10	6.907	6.907	0.000	86797536	0.8335	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.8745			
						RPD = 7.34			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.062	7.063	-0.001	58625913	0.0251			
2	2	8.219	8.219	0.000	34979799	0.0260			
						RPD = 3.36			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

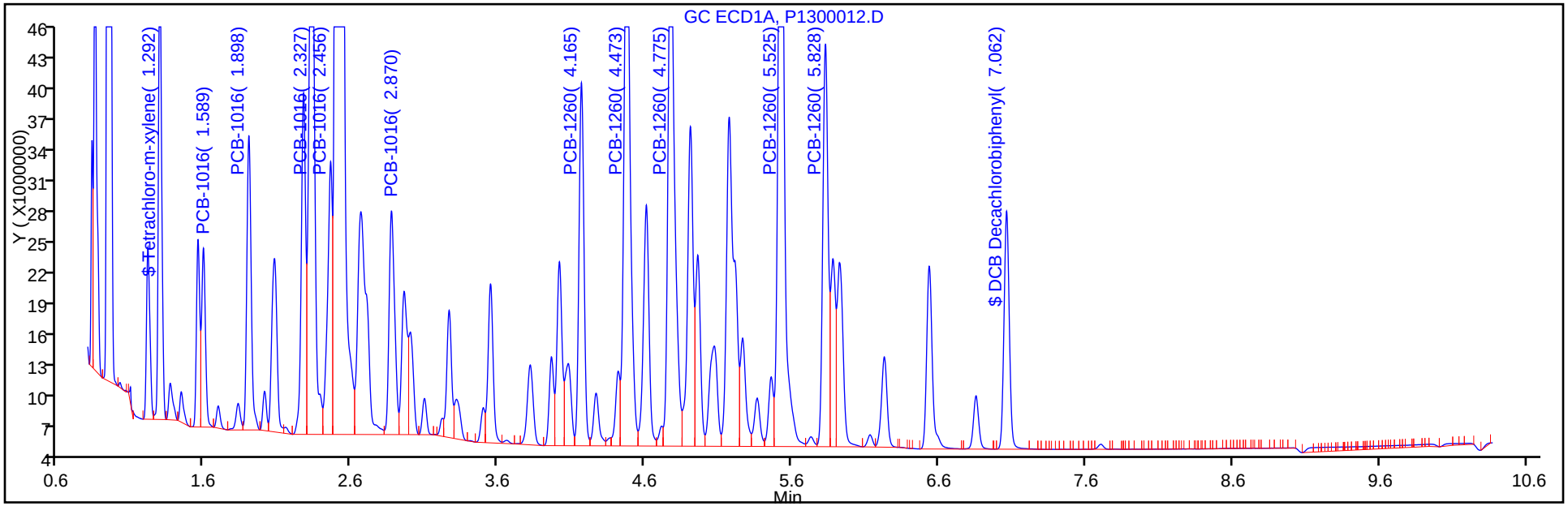
Report Date: 19-Nov-2012 11:08:50 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

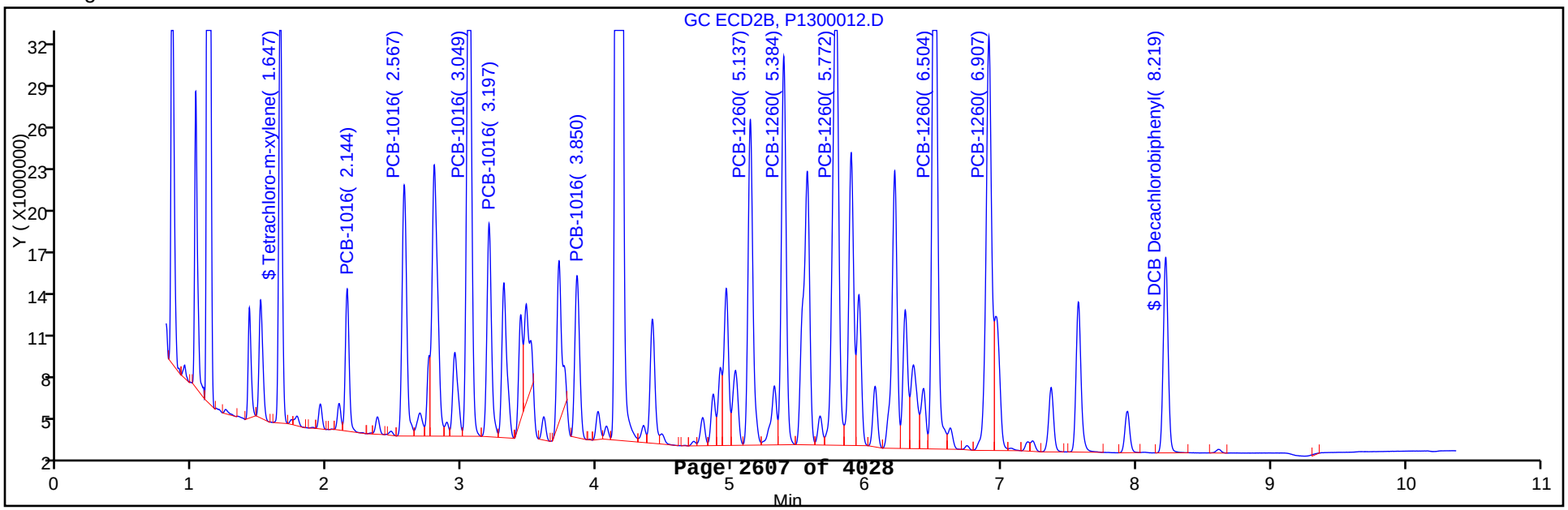
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300012.D

Injection Date:	18-Nov-2012 16:28:06	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0013-0002-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MS | Lab Sample ID: 240-17422-13 MS

Matrix: Water | Lab File ID: P1300012.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 14:30

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) | Date Analyzed: 11/18/2012 16:28

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.12
12674-11-2	Aroclor-1016	4.34		0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.095
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	4.16		0.48	0.19	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-140
2051-24-3	DCB Decachlorobiphenyl	65		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300012.D
Lims ID: 240-17422-I-13-A MS
Client ID: 076SW-0013-0002-SW
Inject. Date: 18-Nov-2012 16:28:06
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015025-012
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 12
Lims Batch ID: 65363
Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl
Date: 19-Nov-2012 11:04:56

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	1.292	1.294	-0.002	72495089	0.0318			
2	2	1.647	1.650	-0.003	52969738	0.0369			
						RPD = 14.88			
3 PCB-1221									
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100	1.589	1.593	-0.004	31600225	0.7773			100.0
1	2	1.898	1.901	-0.003	59724663	0.8309	149.3- 199.3	189.0	
1	3	2.327	2.328	-0.001	154569273	1.00	350.2- 400.2	489.1	
1	4	2.456	2.459	-0.003	59553512	0.9237	130.7- 180.7	188.5	
1	5	2.870	2.871	-0.001	58670537	0.8647	137.9- 187.9	185.7	
			Average of Peak Amounts =			0.8785			
2	6	2.144	2.146	-0.002	19833274	0.8825			100.0
2	7	2.567	2.569	-0.002	42792288	0.9122	176.5- 236.5	215.8	
2	8	3.049	3.052	-0.003	96380686	1.06	362.5- 422.5	486.0	
2	9	3.197	3.199	-0.002	35569284	0.9187	137.9- 197.9	179.3	
2	10	3.850	3.852	-0.002	28177536	0.7812	118.8- 178.8	142.1	
			Average of Peak Amounts =			0.9111			
						RPD = 3.64			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.165	4.167	-0.002	84877318	0.8374		100.0	
1	2	4.473	4.476	-0.003	166632701	0.8305	175.1- 225.1	196.3	
1	3	4.775	4.774	0.001	166090373	0.8303	173.2- 223.2	195.7	
1	4	5.525	5.524	0.001	215840342	0.7941	244.1- 294.1	254.3	
1	5	5.828	5.828	0.000	99532361	0.7707	101.5- 151.5	117.3	
			Average of Peak Amounts =			0.8126			
2	6	5.137	5.136	0.001	58120838	0.8720		100.0	
2	7	5.384	5.384	0.000	67509887	0.9182	86.6- 146.6	116.2	
2	8	5.772	5.772	0.000	103080094	0.8823	142.9- 202.9	177.4	
2	9	6.504	6.504	0.000	123289699	0.8665	179.5- 239.5	212.1	
2	10	6.907	6.907	0.000	86797536	0.8335	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.8745			
						RPD = 7.34			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.062	7.063	-0.001	58625913	0.0251			
2	2	8.219	8.219	0.000	34979799	0.0260			
						RPD = 3.36			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

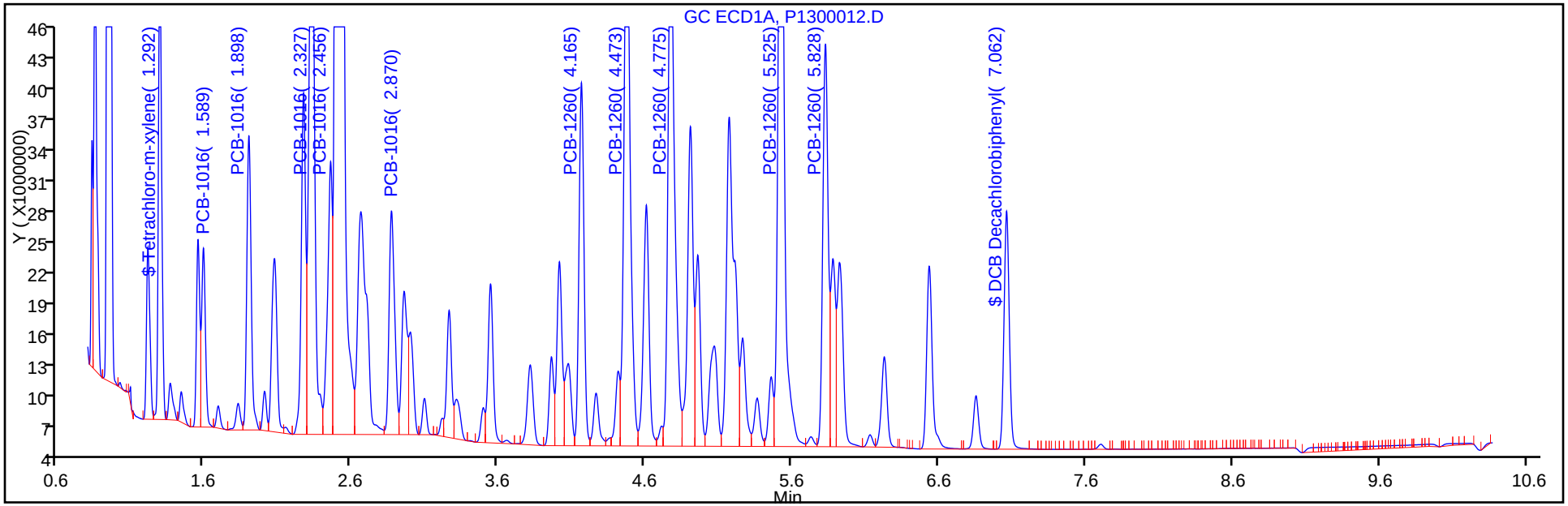
Report Date: 19-Nov-2012 11:08:51 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

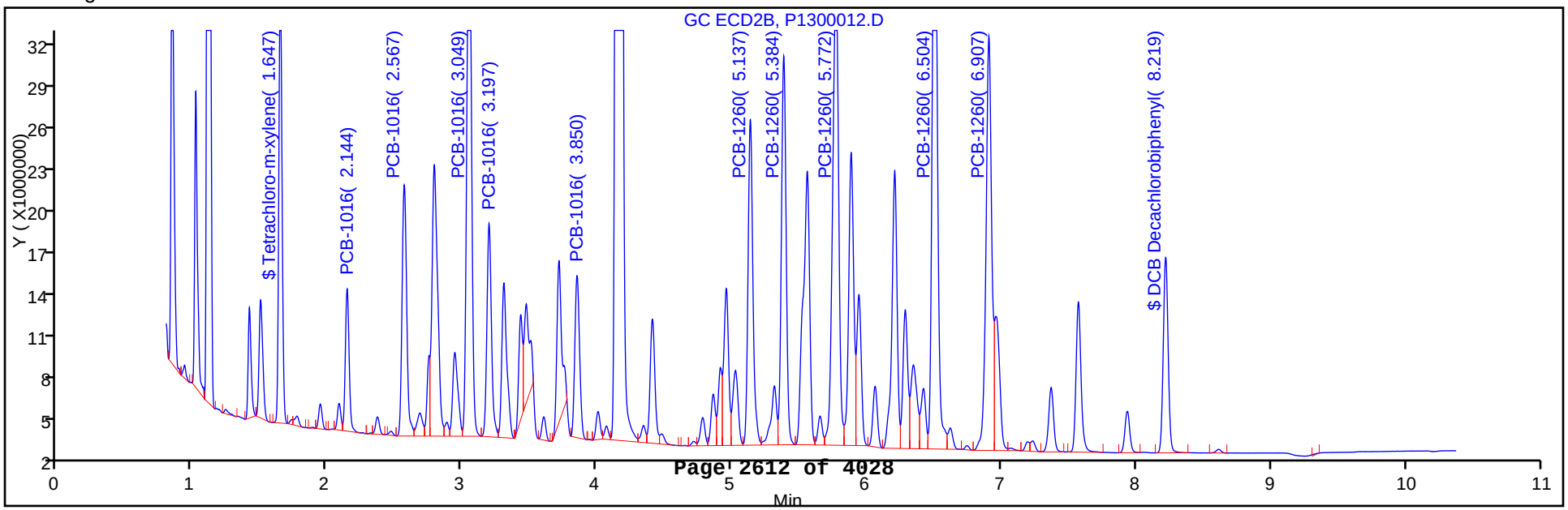
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300012.D

Injection Date:	18-Nov-2012 16:28:06	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0013-0002-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300018.D

Analysis Method: 8082/DOD Date Collected: 11/07/2012 15:50

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.74(g) Date Analyzed: 11/21/2012 10:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300018.D		
Lims ID:	240-17422-A-2-P MSD	Client ID:	076SS-0020M-0002-SO
Inject. Date:	21-Nov-2012 10:40:59	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015150-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	65860	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	26-Nov-2012 13:58:33	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: 23-Nov-2012 07:19:42

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	1.291	0.002	37838970	0.0166			
2	2	1.650	1.648	0.002	23697699	0.0165			
						RPD = 0.51			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.551	-1.551	0	0		100.0	
1	2	1.901	1.899	0.002	57978257	0.8066	149.3- 199.3		
1	3	2.328	2.325	0.003	122937491	0.7920	350.2- 400.2		
1	4	2.459	2.458	0.001	41823540	0.6487	130.7- 180.7		
1	5	2.873	2.871	0.002	48218410	0.7107	137.9- 187.9		
			Average of Peak Amounts =			0.7395			
2	6	2.146	2.144	0.002	18925892	0.8421		100.0	
2	7	2.569	2.567	0.002	39704772	0.8464	176.5- 236.5	209.8	
2	8	3.051	3.050	0.001	86106327	0.9477	362.5- 422.5	455.0	
2	9	3.199	3.198	0.001	35967416	0.9290	137.9- 197.9	190.0	
2	10	3.852	3.851	0.001	26373393	0.7312	118.8- 178.8	139.4	
			Average of Peak Amounts =			0.8593			
						RPD = 14.98			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	72591407	0.7162		100.0	
1	2	4.476	4.475	0.001	149695045	0.7461	175.1- 225.1	206.2	
1	3	4.774	4.775	-0.001	152366129	0.7617	173.2- 223.2	209.9	
1	4	5.527	5.528	-0.001	201336026	0.7407	244.1- 294.1	277.4	
1	5	5.829	5.829	0.000	91344790	0.7073	101.5- 151.5	125.8	
			Average of Peak Amounts =			0.7344			
2	6	5.137	5.137	0.000	53950154	0.8095		100.0	
2	7	5.385	5.384	0.001	64948986	0.8817	86.6- 146.6	120.4	
2	8	5.772	5.771	0.001	99676537	0.8531	142.9- 202.9	184.8	
2	9	6.504	6.504	0.000	124881908	0.8777	179.5- 239.5	231.5	
2	10	6.907	6.908	-0.001	85675608	0.8227	121.8- 181.8	158.8	
			Average of Peak Amounts =			0.8489			
						RPD = 14.47			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.067	7.064	0.003	38695235	0.0166			
2	2	8.220	8.219	0.001	21665069	0.0161			
						RPD = 3.00			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

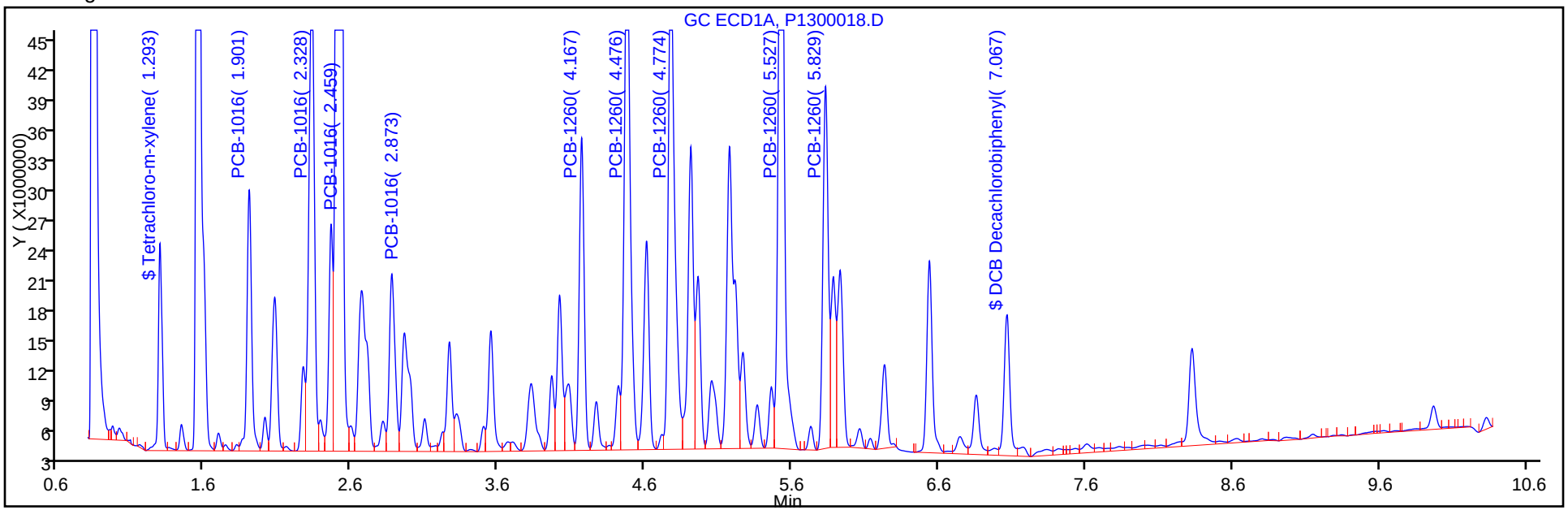
Report Date: 26-Nov-2012 13:58:33 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

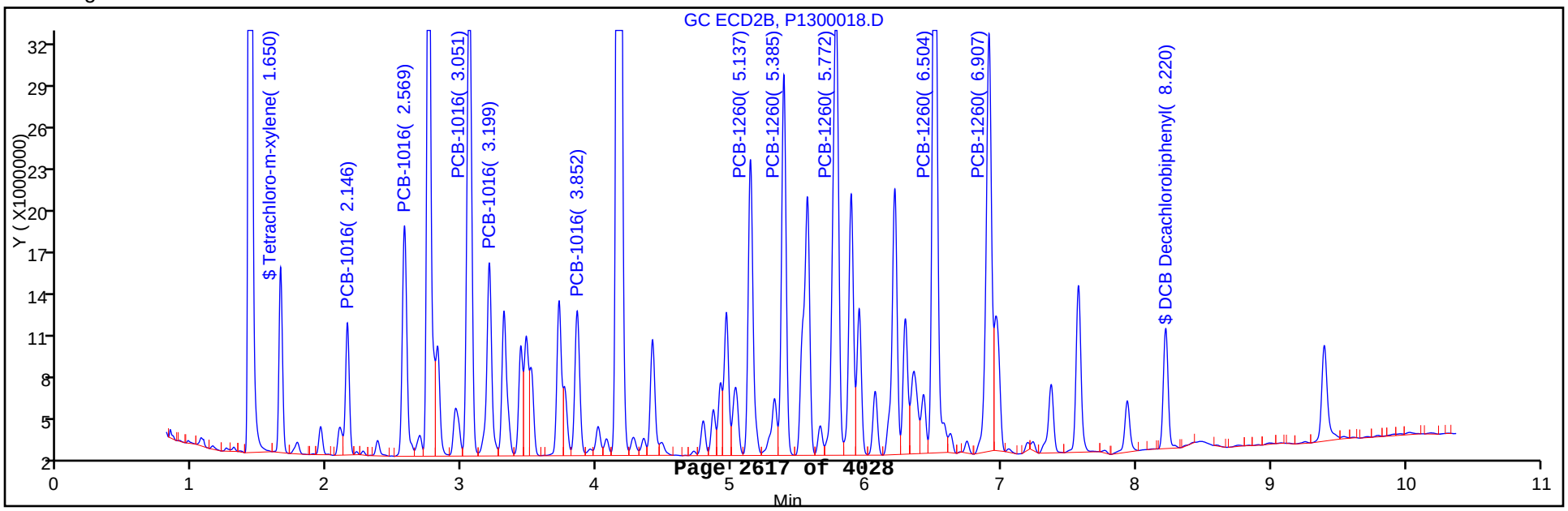
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300018.D

Injection Date:	21-Nov-2012 10:40:59	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300018.D

Analysis Method: 8082/DOD | Date Collected: 11/07/2012 15:50

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.74(g) | Date Analyzed: 11/21/2012 10:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	289		66	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	285		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	80		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300018.D		
Lims ID:	240-17422-A-2-P MSD	Client ID:	076SS-0020M-0002-SO
Inject. Date:	21-Nov-2012 10:40:59	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015150-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	65860	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	26-Nov-2012 13:58:33	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: 23-Nov-2012 07:19:42

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	1.291	0.002	37838970	0.0166			
2	2	1.650	1.648	0.002	23697699	0.0165			
						RPD = 0.51			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.551	-1.551	0	0		100.0	
1	2	1.901	1.899	0.002	57978257	0.8066	149.3- 199.3		
1	3	2.328	2.325	0.003	122937491	0.7920	350.2- 400.2		
1	4	2.459	2.458	0.001	41823540	0.6487	130.7- 180.7		
1	5	2.873	2.871	0.002	48218410	0.7107	137.9- 187.9		
			Average of Peak Amounts =			0.7395			
2	6	2.146	2.144	0.002	18925892	0.8421		100.0	
2	7	2.569	2.567	0.002	39704772	0.8464	176.5- 236.5	209.8	
2	8	3.051	3.050	0.001	86106327	0.9477	362.5- 422.5	455.0	
2	9	3.199	3.198	0.001	35967416	0.9290	137.9- 197.9	190.0	
2	10	3.852	3.851	0.001	26373393	0.7312	118.8- 178.8	139.4	
			Average of Peak Amounts =			0.8593			
						RPD = 14.98			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	72591407	0.7162		100.0	
1	2	4.476	4.475	0.001	149695045	0.7461	175.1- 225.1	206.2	
1	3	4.774	4.775	-0.001	152366129	0.7617	173.2- 223.2	209.9	
1	4	5.527	5.528	-0.001	201336026	0.7407	244.1- 294.1	277.4	
1	5	5.829	5.829	0.000	91344790	0.7073	101.5- 151.5	125.8	
			Average of Peak Amounts =			0.7344			
2	6	5.137	5.137	0.000	53950154	0.8095		100.0	
2	7	5.385	5.384	0.001	64948986	0.8817	86.6- 146.6	120.4	
2	8	5.772	5.771	0.001	99676537	0.8531	142.9- 202.9	184.8	
2	9	6.504	6.504	0.000	124881908	0.8777	179.5- 239.5	231.5	
2	10	6.907	6.908	-0.001	85675608	0.8227	121.8- 181.8	158.8	
			Average of Peak Amounts =			0.8489			
						RPD = 14.47			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.067	7.064	0.003	38695235	0.0166			
2	2	8.220	8.219	0.001	21665069	0.0161			
						RPD = 3.00			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

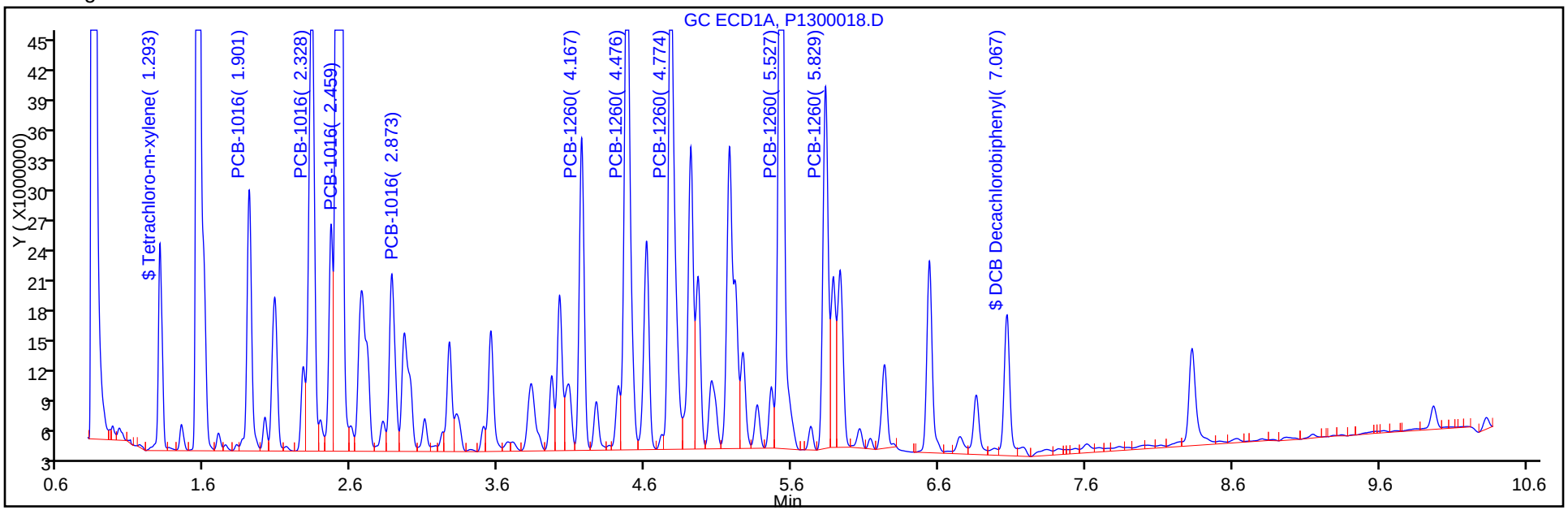
Report Date: 26-Nov-2012 13:58:33 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

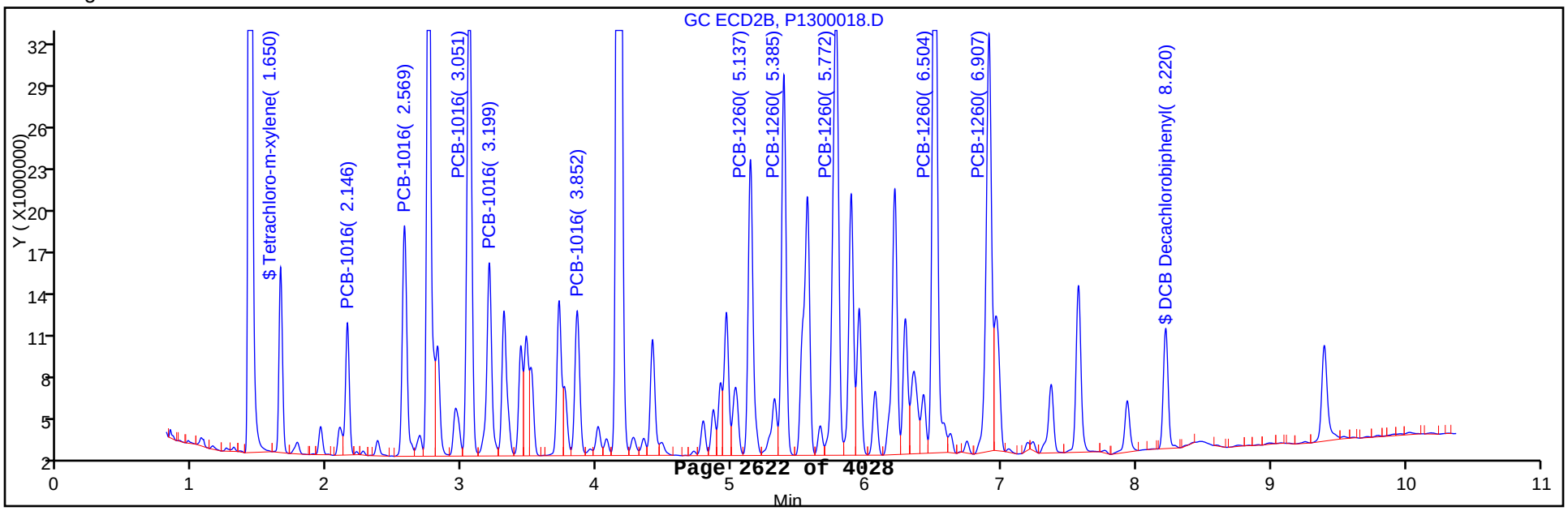
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300018.D

Injection Date:	21-Nov-2012 10:40:59	Limit Group:	GC 8082A ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300025.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 11:00

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.50(g) Date Analyzed: 11/21/2012 12:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-140
2051-24-3	DCB Decachlorobiphenyl	87		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300025.D		
Lims ID:	240-17422-A-6-P MSD	Client ID:	073SS-0003M-0002-SO
Inject. Date:	21-Nov-2012 12:25:36	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015150-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	65860	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:55

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	38612053	0.0169			
2	2	1.650	1.649	0.001	25436371	0.0177			
						RPD = 4.54			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.901	1.900	0.001	59185023	0.8234	149.3- 199.3		
1	3	2.328	2.326	0.002	128172286	0.8258	350.2- 400.2		
1	4	2.460	2.458	0.002	50517393	0.7835	130.7- 180.7		
1	5	2.872	2.871	0.001	52108565	0.7680	137.9- 187.9		
			Average of Peak Amounts =			0.8002			
2	6	2.146	2.145	0.001	20432214	0.9092		100.0	
2	7	2.569	2.569	0.000	42288578	0.9015	176.5- 236.5	207.0	
2	8	3.051	3.051	0.000	89720898	0.9875	362.5- 422.5	439.1	
2	9	3.199	3.198	0.001	36606519	0.9455	137.9- 197.9	179.2	
2	10	3.851	3.851	0.000	29627138	0.8214	118.8- 178.8	145.0	
			Average of Peak Amounts =			0.9130			
						RPD = 13.17			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	130703581	1.29		100.0	
1	2	4.477	4.476	0.001	275561205	1.37	175.1- 225.1	210.8	
1	3	4.775	4.776	-0.001	283690802	1.42	173.2- 223.2	217.0	
1	4	5.526	5.526	0.000	389626499	1.43	244.1- 294.1	298.1	
1	5	5.829	5.831	-0.002	184324096	1.43	101.5- 151.5	141.0	
			Average of Peak Amounts =			1.39			
2	6	5.137	5.137	0.000	101916129	1.53		100.0	
2	7	5.385	5.386	-0.001	129000616	1.79	86.6- 146.6	126.6	
2	8	5.773	5.774	-0.001	194875811	1.67	142.9- 202.9	191.2	
2	9	6.505	6.506	-0.001	253772796	1.78	179.5- 239.5	249.0	
2	10	6.908	6.908	0.000	176290061	1.69	121.8- 181.8	173.0	
			Average of Peak Amounts =			1.69			
						RPD = 19.81			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.066	-0.002	40781020	0.0175			
2	2	8.220	8.219	0.001	26089752	0.0194			
						RPD = 10.33			

QC Flag Legend

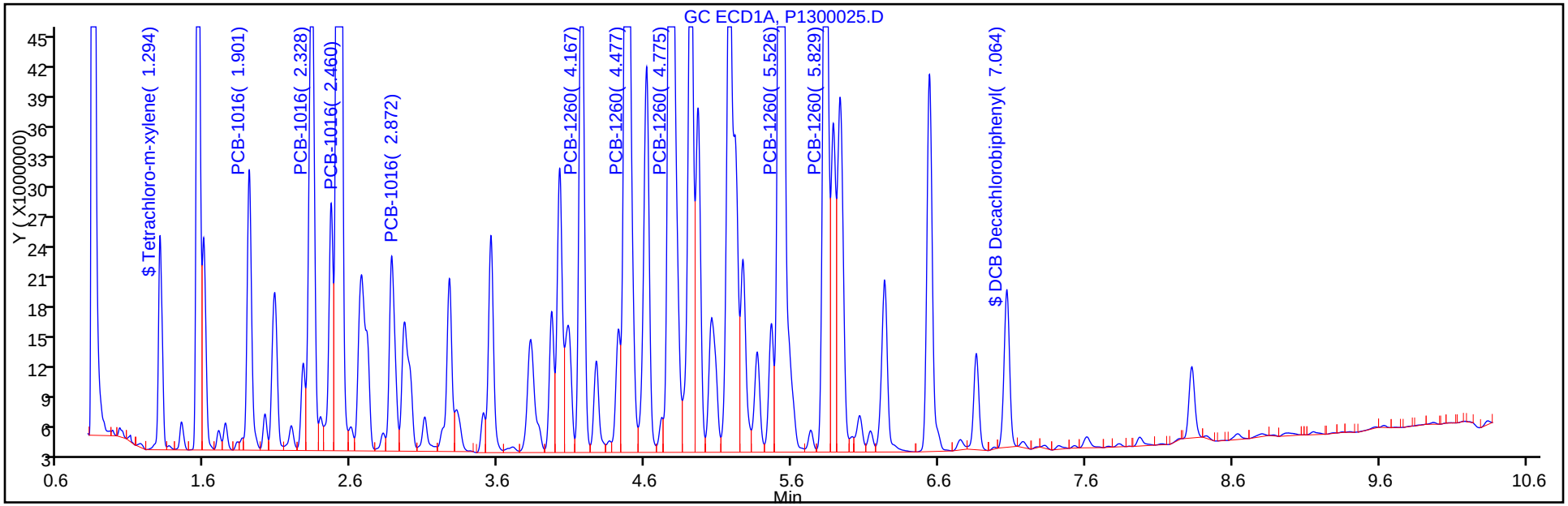
Processing Flags
7 - Failed Limit of Detection

Report Date: 23-Nov-2012 07:46:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

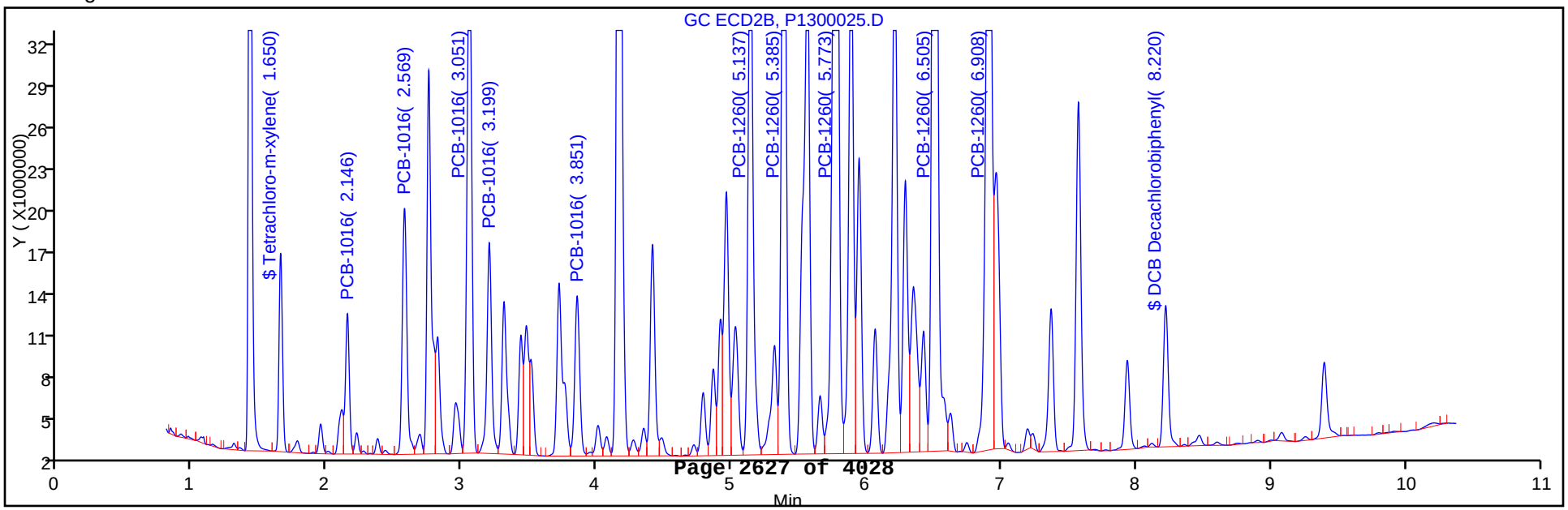
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300025.D		
Injection Date:	21-Nov-2012 12:25:36	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300025.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 11:00

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 29.50(g) | Date Analyzed: 11/21/2012 12:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	309	J	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	41	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	574	J	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-140
2051-24-3	DCB Decachlorobiphenyl	97		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300025.D		
Lims ID:	240-17422-A-6-P MSD	Client ID:	073SS-0003M-0002-SO
Inject. Date:	21-Nov-2012 12:25:36	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015150-025		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	25
Lims Batch ID:	65860	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: hassl Date: 23-Nov-2012 07:21:55

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	38612053	0.0169			
2	2	1.650	1.649	0.001	25436371	0.0177			
						RPD = 4.54			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.901	1.900	0.001	59185023	0.8234	149.3- 199.3		
1	3	2.328	2.326	0.002	128172286	0.8258	350.2- 400.2		
1	4	2.460	2.458	0.002	50517393	0.7835	130.7- 180.7		
1	5	2.872	2.871	0.001	52108565	0.7680	137.9- 187.9		
			Average of Peak Amounts =			0.8002			
2	6	2.146	2.145	0.001	20432214	0.9092		100.0	
2	7	2.569	2.569	0.000	42288578	0.9015	176.5- 236.5	207.0	
2	8	3.051	3.051	0.000	89720898	0.9875	362.5- 422.5	439.1	
2	9	3.199	3.198	0.001	36606519	0.9455	137.9- 197.9	179.2	
2	10	3.851	3.851	0.000	29627138	0.8214	118.8- 178.8	145.0	
			Average of Peak Amounts =			0.9130			
						RPD = 13.17			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.167	4.167	0.000	130703581	1.29		100.0	
1	2	4.477	4.476	0.001	275561205	1.37	175.1- 225.1	210.8	
1	3	4.775	4.776	-0.001	283690802	1.42	173.2- 223.2	217.0	
1	4	5.526	5.526	0.000	389626499	1.43	244.1- 294.1	298.1	
1	5	5.829	5.831	-0.002	184324096	1.43	101.5- 151.5	141.0	
			Average of Peak Amounts =			1.39			
2	6	5.137	5.137	0.000	101916129	1.53		100.0	
2	7	5.385	5.386	-0.001	129000616	1.79	86.6- 146.6	126.6	
2	8	5.773	5.774	-0.001	194875811	1.67	142.9- 202.9	191.2	
2	9	6.505	6.506	-0.001	253772796	1.78	179.5- 239.5	249.0	
2	10	6.908	6.908	0.000	176290061	1.69	121.8- 181.8	173.0	
			Average of Peak Amounts =			1.69			
						RPD = 19.81			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.066	-0.002	40781020	0.0175			
2	2	8.220	8.219	0.001	26089752	0.0194			
						RPD = 10.33			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

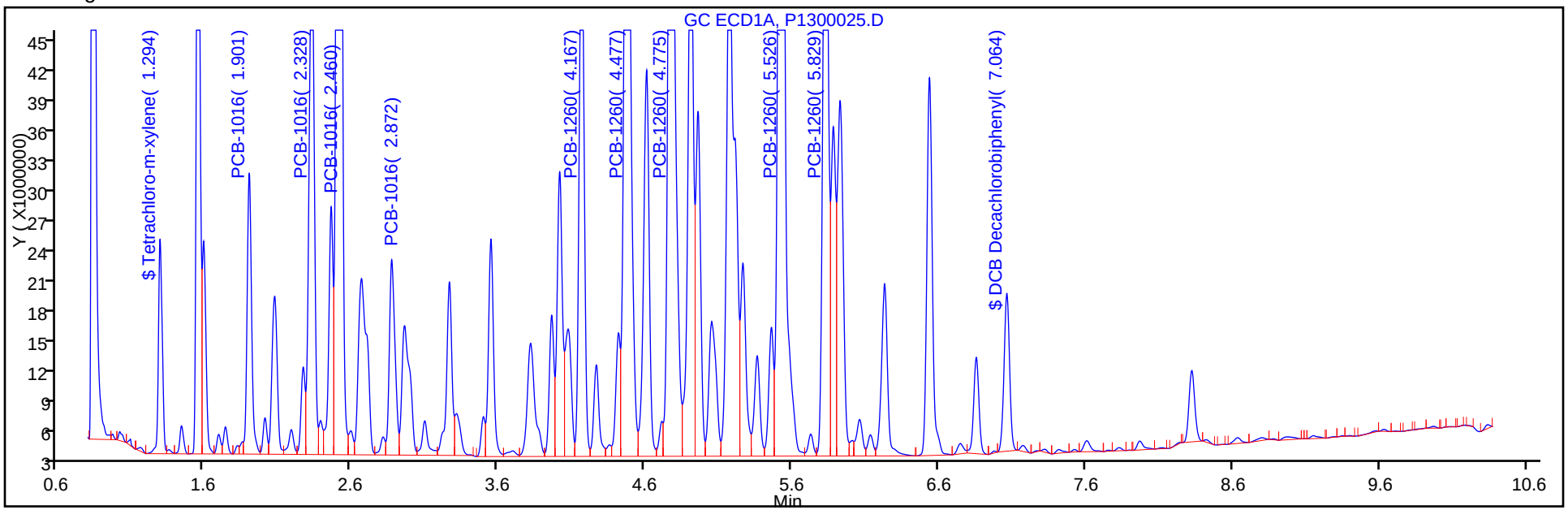
Report Date: 23-Nov-2012 07:46:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

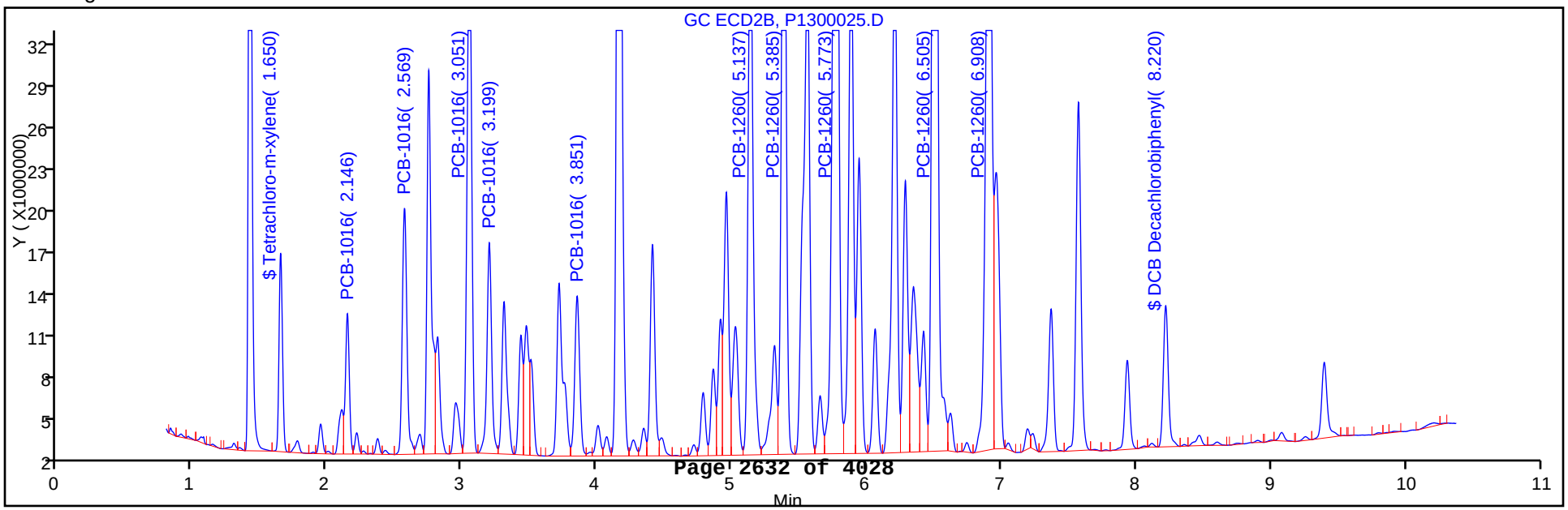
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300025.D

Injection Date:	21-Nov-2012 12:25:36	Limit Group:	GC 8082A ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: P1300028.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 12:35

Extraction Method: 3540C Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.15(g) Date Analyzed: 11/21/2012 13:10

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	77		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300028.D		
Lims ID:	240-17422-A-9-O MSD	Client ID:	068SD-0009-0002-SO
Inject. Date:	21-Nov-2012 13:10:27	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015150-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	28
Lims Batch ID:	65860	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		
First Level Reviewer: hassl		Date:	23-Nov-2012 07:22:49

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	1.292	1.292	0.000	37223575	0.0163			
2	2	1.650	1.649	0.001	24412956	0.0170			
						RPD = 4.10			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.901	1.900	0.001	55775611	0.7760	149.3- 199.3		
1	3	2.328	2.326	0.002	117877488	0.7594	350.2- 400.2		
1	4	2.459	2.458	0.001	41550709	0.6445	130.7- 180.7		
1	5	2.872	2.871	0.001	48171377	0.7100	137.9- 187.9		
			Average of Peak Amounts =			0.7225			
2	6	2.146	2.145	0.001	19205136	0.8546		100.0	
2	7	2.569	2.569	0.000	40107897	0.8550	176.5- 236.5	208.8	
2	8	3.051	3.051	0.000	85372473	0.9396	362.5- 422.5	444.5	
2	9	3.199	3.198	0.001	37769961	0.9755	137.9- 197.9	196.7	
2	10	3.851	3.851	0.000	27077136	0.7507	118.8- 178.8	141.0	
			Average of Peak Amounts =			0.8751			
						RPD = 19.11			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	72159594	0.7119		100.0	
1	2	4.476	4.476	0.000	149535025	0.7453	175.1- 225.1	207.2	
1	3	4.775	4.776	-0.001	149766220	0.7487	173.2- 223.2	207.5	
1	4	5.526	5.526	0.000	196805333	0.7241	244.1- 294.1	272.7	
1	5	5.828	5.831	-0.003	91029706	0.7048	101.5- 151.5	126.2	
			Average of Peak Amounts =			0.7270			
2	6	5.137	5.137	0.000	53801158	0.8072		100.0	
2	7	5.385	5.386	-0.001	65132150	0.8843	86.6- 146.6	121.1	
2	8	5.773	5.774	-0.001	98854877	0.8461	142.9- 202.9	183.7	
2	9	6.506	6.506	0.000	119371326	0.8389	179.5- 239.5	221.9	
2	10	6.907	6.908	-0.001	84384706	0.8103	121.8- 181.8	156.8	
			Average of Peak Amounts =			0.8374			
						RPD = 14.12			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	36009171	0.0154			
2	2	8.220	8.219	0.001	24267245	0.0180			
						RPD = 15.51			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

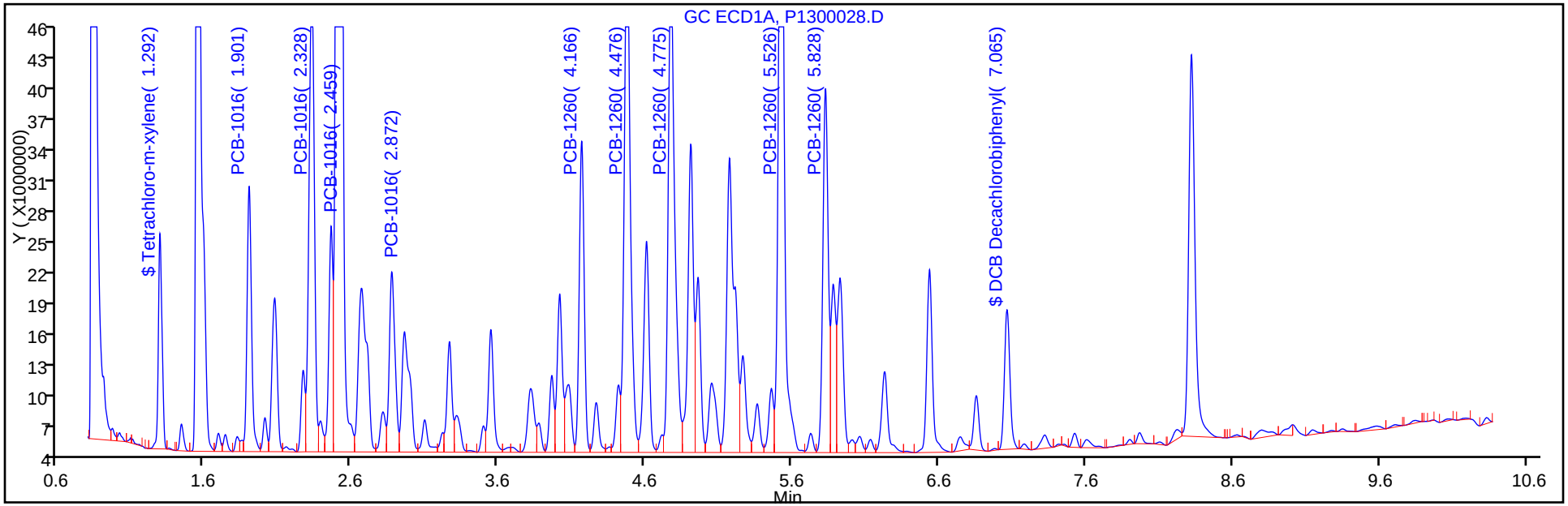
Report Date: 23-Nov-2012 07:46:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

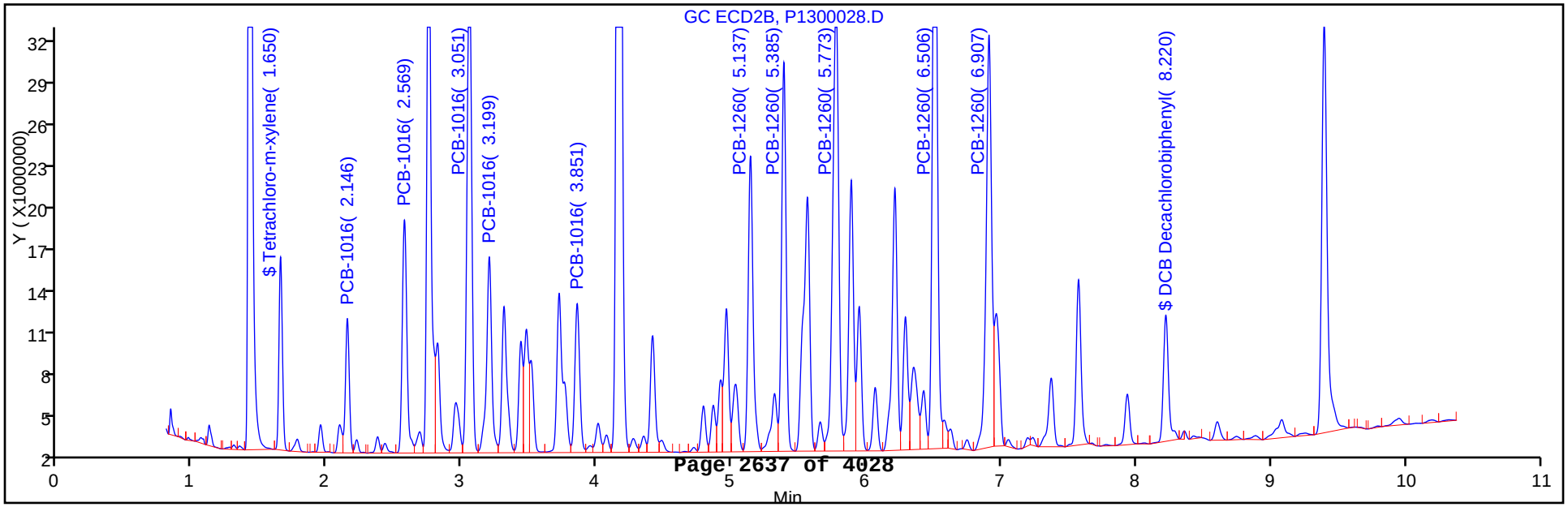
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300028.D

Injection Date:	21-Nov-2012 13:10:27	Limit Group:	GC 8082A ICAL
Client ID:	068SD-0009-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid | Lab File ID: P1300028.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 12:35

Extraction Method: 3540C | Date Extracted: 11/18/2012 11:16

Sample wt/vol: 30.15(g) | Date Analyzed: 11/21/2012 13:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65860 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	290		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	278		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-140
2051-24-3	DCB Decachlorobiphenyl	90		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300028.D		
Lims ID:	240-17422-A-9-O MSD	Client ID:	068SD-0009-0002-SO
Inject. Date:	21-Nov-2012 13:10:27	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015150-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	28
Lims Batch ID:	65860	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121121-15150.b\PCB13.m		
Last Update:	23-Nov-2012 07:46:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		
First Level Reviewer: hassl		Date:	23-Nov-2012 07:22:49

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	1.292	1.292	0.000	37223575	0.0163			
2	2	1.650	1.649	0.001	24412956	0.0170			
						RPD = 4.10			
3 PCB-1221									
1	2		1.438						
1	3		1.591						
1	4		1.551						
2	4		1.944						
2	5		2.083						
2	6		2.144						
5 PCB-1242									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.458						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.551						
1	2		1.899						
1	3		2.325						
1	4		2.459						
1	5		2.871						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.198						
2	10		3.851						
6 PCB-1016									
1	100	0.0	1.590	-1.590	0	0		100.0	
1	2	1.901	1.900	0.001	55775611	0.7760	149.3- 199.3		
1	3	2.328	2.326	0.002	117877488	0.7594	350.2- 400.2		
1	4	2.459	2.458	0.001	41550709	0.6445	130.7- 180.7		
1	5	2.872	2.871	0.001	48171377	0.7100	137.9- 187.9		
			Average of Peak Amounts =			0.7225			
2	6	2.146	2.145	0.001	19205136	0.8546		100.0	
2	7	2.569	2.569	0.000	40107897	0.8550	176.5- 236.5	208.8	
2	8	3.051	3.051	0.000	85372473	0.9396	362.5- 422.5	444.5	
2	9	3.199	3.198	0.001	37769961	0.9755	137.9- 197.9	196.7	
2	10	3.851	3.851	0.000	27077136	0.7507	118.8- 178.8	141.0	
			Average of Peak Amounts =			0.8751			
						RPD = 19.11			
7 PCB-1248									
1	86		1.899						
1	2		2.325						
1	3		2.871						
1	4		3.497						
1	5		3.962						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.851						
2	10		4.917						
8 PCB-1254									
1	100		3.547						
1	2		3.962						
1	3		4.268						
1	4		4.475						
1	5		4.775						
2	6		4.409						
2	7		4.917						
2	8		5.137						
2	9		5.559						
2	10		5.771						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	72159594	0.7119		100.0	
1	2	4.476	4.476	0.000	149535025	0.7453	175.1- 225.1	207.2	
1	3	4.775	4.776	-0.001	149766220	0.7487	173.2- 223.2	207.5	
1	4	5.526	5.526	0.000	196805333	0.7241	244.1- 294.1	272.7	
1	5	5.828	5.831	-0.003	91029706	0.7048	101.5- 151.5	126.2	
			Average of Peak Amounts =			0.7270			
2	6	5.137	5.137	0.000	53801158	0.8072		100.0	
2	7	5.385	5.386	-0.001	65132150	0.8843	86.6- 146.6	121.1	
2	8	5.773	5.774	-0.001	98854877	0.8461	142.9- 202.9	183.7	
2	9	6.506	6.506	0.000	119371326	0.8389	179.5- 239.5	221.9	
2	10	6.907	6.908	-0.001	84384706	0.8103	121.8- 181.8	156.8	
			Average of Peak Amounts =			0.8374			
						RPD = 14.12			
9 PCB-1262									
1	100		4.475						
1	2		4.909						
1	3		5.174						
1	4		5.528						
1	5		5.880						
2	6		5.384						
2	7		5.884						
2	8		6.207						
2	9		6.504						
2	10		6.908						
11 PCB-1268									
1	100		5.882						
1	2		5.919						
1	3		6.134						
1	4		6.538						
1	5		6.856						
2	6		6.905						
2	7		6.954						
2	8		7.234						
2	9		7.571						
2	10		7.934						
$ 12 DCB Decachlorobiphenyl									
1	100	7.065	7.066	-0.001	36009171	0.0154			
2	2	8.220	8.219	0.001	24267245	0.0180			
						RPD = 15.51			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

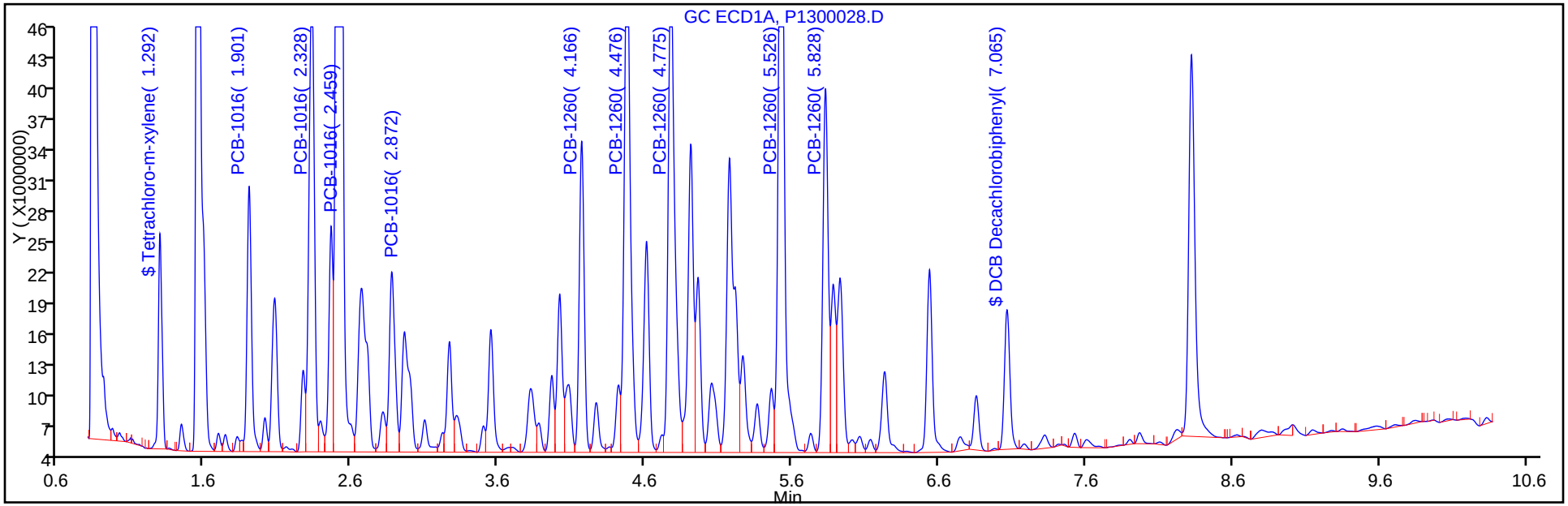
Report Date: 23-Nov-2012 07:46:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

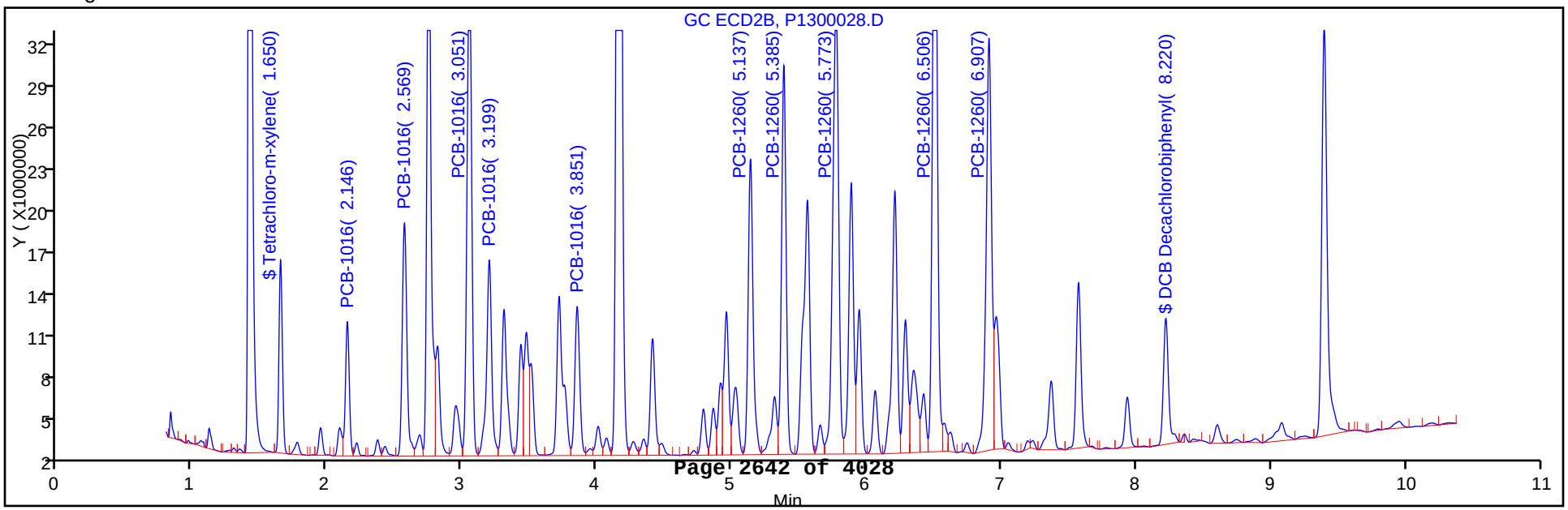
Data File: \\NCChrom\ChromData\A2HP13\20121121-15150.b\P1300028.D

Injection Date:	21-Nov-2012 13:10:27	Limit Group:	GC 8082A ICAL
Client ID:	068SD-0009-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	65860	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MSD Lab Sample ID: 240-17422-13 MSD

Matrix: Water Lab File ID: P1300013.D

Analysis Method: 8082/DOD Date Collected: 11/08/2012 14:30

Extraction Method: 3520C Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) Date Analyzed: 11/18/2012 16:43

Con. Extract Vol.: 5.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	47		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300013.D
Lims ID: 240-17422-D-13-A MSD
Client ID: 076SW-0013-0002-SW
Inject. Date: 18-Nov-2012 16:43:02
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015025-013
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 13
Lims Batch ID: 65363
Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl
Date: 19-Nov-2012 11:05:14

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	1.294	-0.001	67286590	0.0295			
2	2	1.649	1.650	-0.001	51288857	0.0357			
						RPD = 19.08			
3 PCB-1221									
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100	1.590	1.593	-0.003	29346864	0.7218			100.0
1	2	1.900	1.901	-0.001	56061545	0.7800	149.3- 199.3	191.0	
1	3	2.326	2.328	-0.002	127082819	0.8187	350.2- 400.2	433.0	
1	4	2.458	2.459	-0.001	43594589	0.6762	130.7- 180.7	148.5	
1	5	2.871	2.871	0.000	51139255	0.7537	137.9- 187.9	174.3	
			Average of Peak Amounts =			0.7501			
2	6	2.144	2.146	-0.002	19016351	0.8462			100.0
2	7	2.568	2.569	-0.001	41070538	0.8755	176.5- 236.5	216.0	
2	8	3.049	3.052	-0.003	85961670	0.9461	362.5- 422.5	452.0	
2	9	3.198	3.199	-0.001	32649396	0.8433	137.9- 197.9	171.7	
2	10	3.851	3.852	-0.001	25594392	0.7096	118.8- 178.8	134.6	
			Average of Peak Amounts =			0.8441			
						RPD = 11.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	68880666	0.6796		100.0	
1	2	4.474	4.476	-0.002	132690926	0.6614	175.1- 225.1	192.6	
1	3	4.773	4.774	-0.001	132409040	0.6619	173.2- 223.2	192.2	
1	4	5.525	5.524	0.001	166811408	0.6137	244.1- 294.1	242.2	
1	5	5.827	5.828	-0.001	77788249	0.6023	101.5- 151.5	112.9	
			Average of Peak Amounts =			0.6438			
2	6	5.136	5.136	0.000	47096654	0.7066		100.0	
2	7	5.384	5.384	0.000	54252600	0.7293	86.6- 146.6	115.2	
2	8	5.772	5.772	0.000	82401173	0.7053	142.9- 202.9	175.0	
2	9	6.504	6.504	0.000	95239951	0.6693	179.5- 239.5	202.2	
2	10	6.907	6.907	0.000	66422570	0.6379	121.8- 181.8	141.0	
			Average of Peak Amounts =			0.6897			
						RPD = 6.89			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	43944557	0.0188			
2	2	8.219	8.219	0.000	26577082	0.0197			
						RPD = 4.72			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

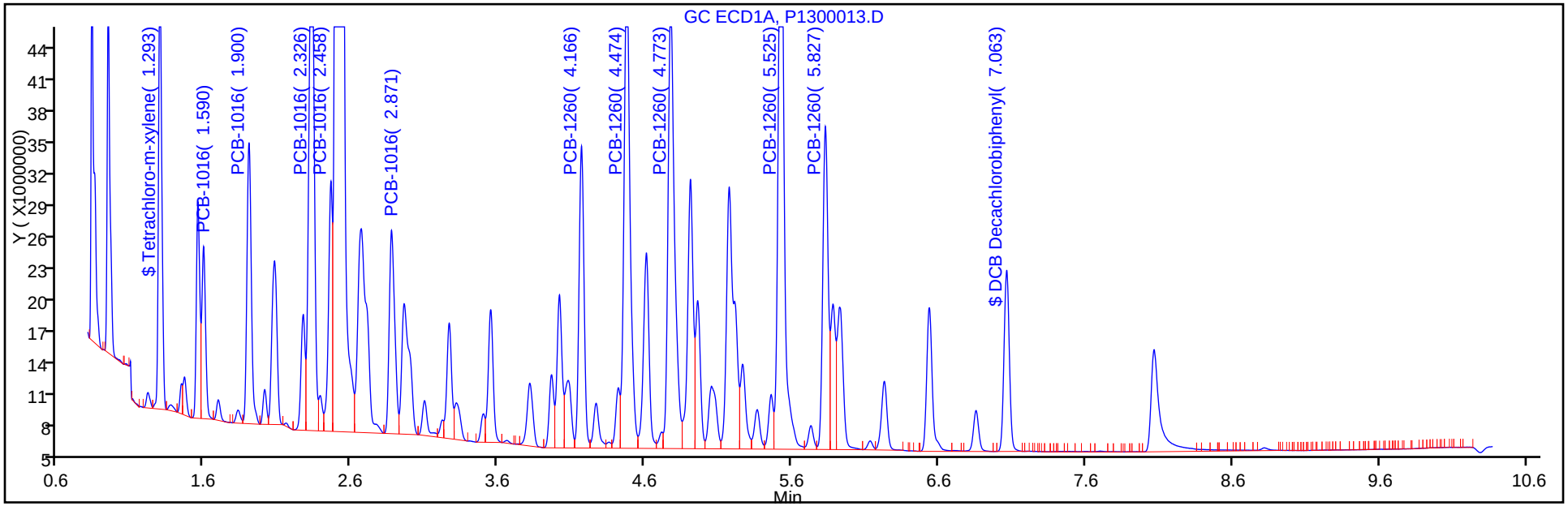
Report Date: 19-Nov-2012 11:08:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

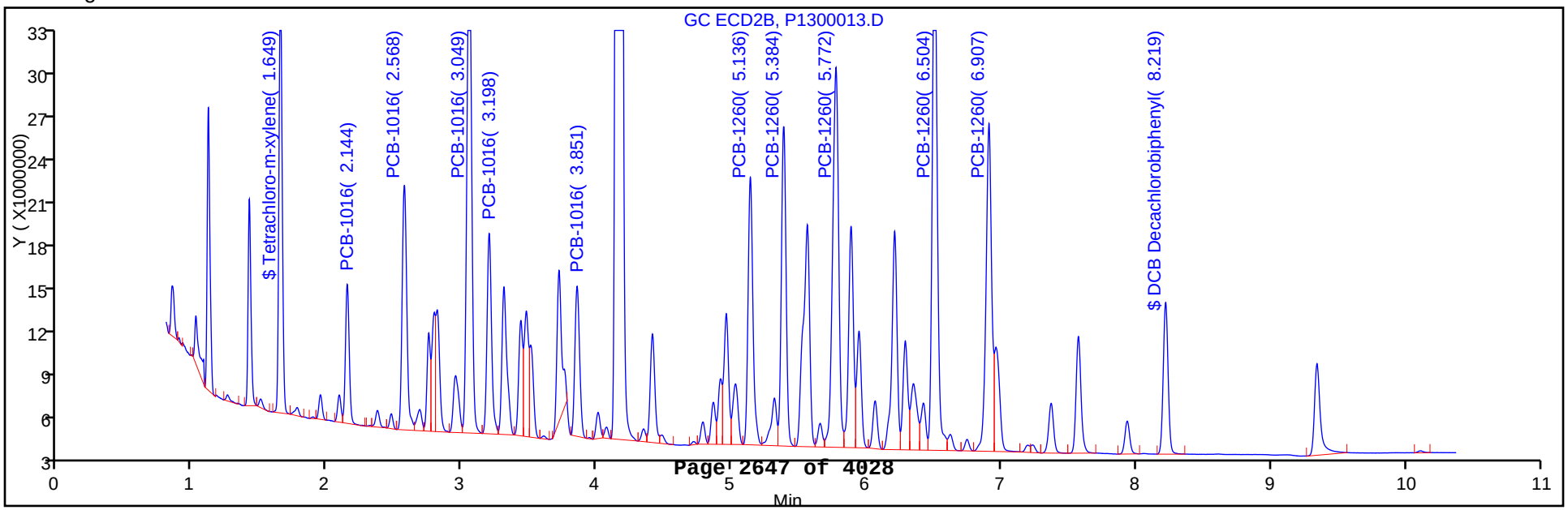
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300013.D

Injection Date:	18-Nov-2012 16:43:02	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0013-0002-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SW-0013-0001-SW MSD | Lab Sample ID: 240-17422-13 MSD

Matrix: Water | Lab File ID: P1300013.D

Analysis Method: 8082/DOD | Date Collected: 11/08/2012 14:30

Extraction Method: 3520C | Date Extracted: 11/13/2012 09:55

Sample wt/vol: 1050(mL) | Date Analyzed: 11/18/2012 16:43

Con. Extract Vol.: 5.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.12
12674-11-2	Aroclor-1016	4.02		0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.095
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	3.28		0.48	0.19	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-140
2051-24-3	DCB Decachlorobiphenyl	49		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300013.D
Lims ID: 240-17422-D-13-A MSD
Client ID: 076SW-0013-0002-SW
Inject. Date: 18-Nov-2012 16:43:02
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015025-013
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 13
Lims Batch ID: 65363
Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121116-15025.b\PCB13.m
Last Update: 19-Nov-2012 11:08:45
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK012

First Level Reviewer: hassl
Date: 19-Nov-2012 11:05:14

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	1.294	-0.001	67286590	0.0295			
2	2	1.649	1.650	-0.001	51288857	0.0357			
						RPD = 19.08			
3 PCB-1221									
1	2		1.440						
1	3		1.591						
1	4		1.590						
2	4		1.947						
2	5		2.087						
2	6		2.146						
6 PCB-1016									
1	100	1.590	1.593	-0.003	29346864	0.7218			100.0
1	2	1.900	1.901	-0.001	56061545	0.7800	149.3- 199.3	191.0	
1	3	2.326	2.328	-0.002	127082819	0.8187	350.2- 400.2	433.0	
1	4	2.458	2.459	-0.001	43594589	0.6762	130.7- 180.7	148.5	
1	5	2.871	2.871	0.000	51139255	0.7537	137.9- 187.9	174.3	
			Average of Peak Amounts =			0.7501			
2	6	2.144	2.146	-0.002	19016351	0.8462		100.0	
2	7	2.568	2.569	-0.001	41070538	0.8755	176.5- 236.5	216.0	
2	8	3.049	3.052	-0.003	85961670	0.9461	362.5- 422.5	452.0	
2	9	3.198	3.199	-0.001	32649396	0.8433	137.9- 197.9	171.7	
2	10	3.851	3.852	-0.001	25594392	0.7096	118.8- 178.8	134.6	
			Average of Peak Amounts =			0.8441			
						RPD = 11.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.591						
1	2		1.899						
1	3		2.327						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.568						
2	8		3.050						
2	9		3.197						
2	10		3.717						
4 PCB-1232									
1	100		1.591						
1	2		1.900						
1	3		2.327						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.051						
2	9		3.198						
2	10		3.851						
7 PCB-1248									
1	86		1.899						
1	2		2.323						
1	3		2.871						
1	4		3.495						
1	5		3.961						
2	6		2.566						
2	7		3.049						
2	8		3.717						
2	9		3.850						
2	10		4.915						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.776						
2	6		4.411						
2	7		4.915						
2	8		5.176						
2	9		5.558						
2	10		5.775						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.166	4.167	-0.001	68880666	0.6796		100.0	
1	2	4.474	4.476	-0.002	132690926	0.6614	175.1- 225.1	192.6	
1	3	4.773	4.774	-0.001	132409040	0.6619	173.2- 223.2	192.2	
1	4	5.525	5.524	0.001	166811408	0.6137	244.1- 294.1	242.2	
1	5	5.827	5.828	-0.001	77788249	0.6023	101.5- 151.5	112.9	
			Average of Peak Amounts =			0.6438			
2	6	5.136	5.136	0.000	47096654	0.7066		100.0	
2	7	5.384	5.384	0.000	54252600	0.7293	86.6- 146.6	115.2	
2	8	5.772	5.772	0.000	82401173	0.7053	142.9- 202.9	175.0	
2	9	6.504	6.504	0.000	95239951	0.6693	179.5- 239.5	202.2	
2	10	6.907	6.907	0.000	66422570	0.6379	121.8- 181.8	141.0	
			Average of Peak Amounts =			0.6897			
						RPD = 6.89			
9 PCB-1262									
1	100		4.477						
1	2		4.908						
1	3		5.172						
1	4		5.525						
1	5		5.881						
2	6		5.384						
2	7		5.883						
2	8		6.208						
2	9		6.506						
2	10		6.906						
11 PCB-1268									
1	100		5.881						
1	2		5.920						
1	3		6.133						
1	4		6.537						
1	5		6.856						
2	6		6.906						
2	7		6.954						
2	8		7.236						
2	9		7.572						
2	10		7.935						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	43944557	0.0188			
2	2	8.219	8.219	0.000	26577082	0.0197			
						RPD = 4.72			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

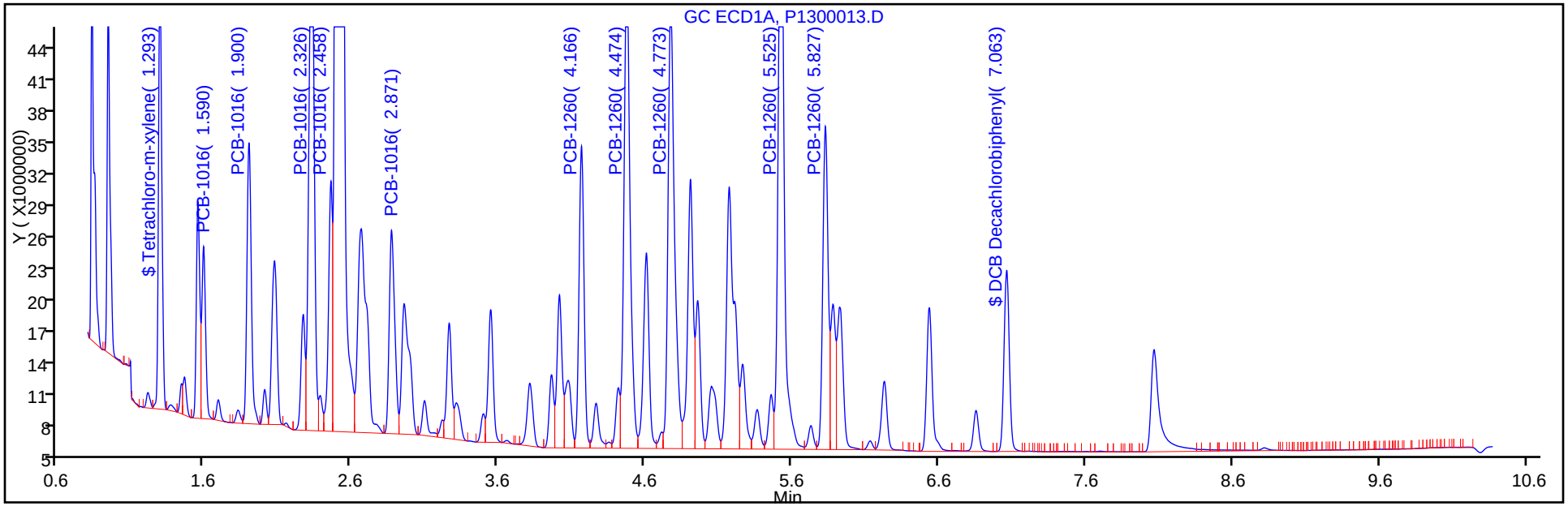
Report Date: 19-Nov-2012 11:08:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

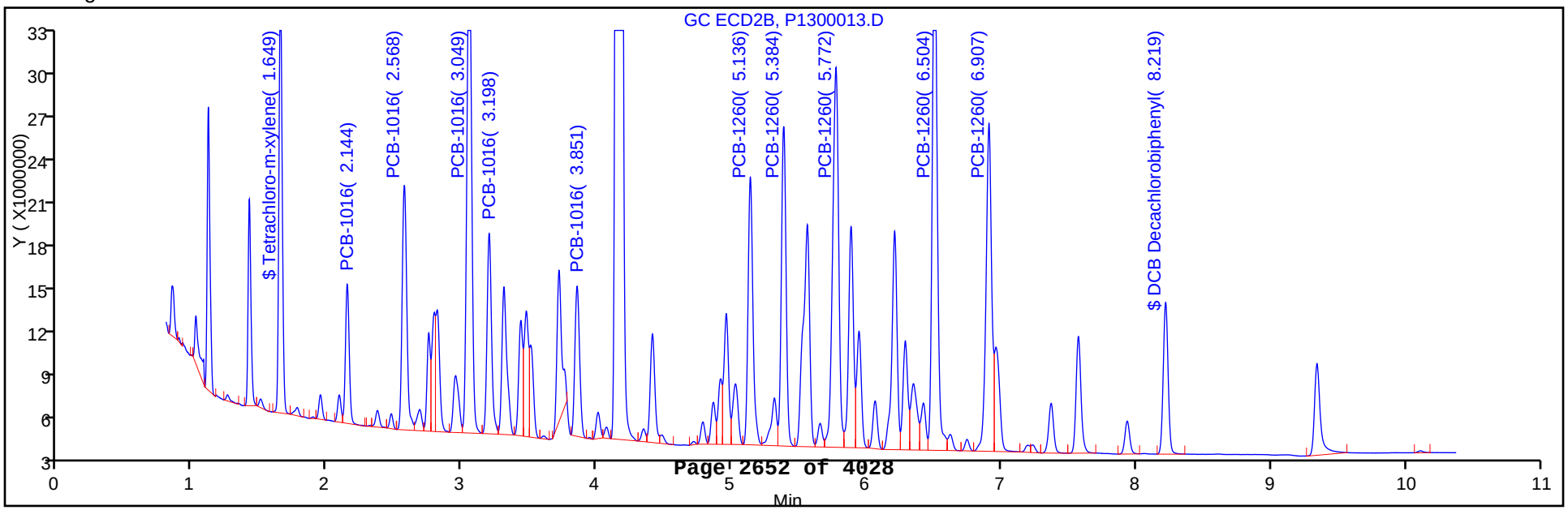
Data File: \\NCChrom\ChromData\A2HP13\20121116-15025.b\P1300013.D

Injection Date:	18-Nov-2012 16:43:02	Limit Group:	GC 8082A ICAL
Client ID:	076SW-0013-0002-SW	Instrument ID:	A2HP13
Lims Batch ID:	65363	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



PCBS ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/3 IC		10/21/2012 16:53	1	P1300003.D	CLP-1 0.53(mm)
STD005 240-62068/3 IC		10/21/2012 16:53	1	P1300003.D	CLP-2 0.53(mm)
STD01 240-62068/4 IC		10/21/2012 17:08	1	P1300004.D	CLP-1 0.53(mm)
STD01 240-62068/4 IC		10/21/2012 17:08	1	P1300004.D	CLP-2 0.53(mm)
STD02 240-62068/5 IC		10/21/2012 17:23	1	P1300005.D	CLP-1 0.53(mm)
STD02 240-62068/5 IC		10/21/2012 17:23	1	P1300005.D	CLP-2 0.53(mm)
STD05 240-62068/6 IC		10/21/2012 17:38	1	P1300006.D	CLP-1 0.53(mm)
STD05 240-62068/6 IC		10/21/2012 17:38	1	P1300006.D	CLP-2 0.53(mm)
STD1 240-62068/7 IC		10/21/2012 17:53	1	P1300007.D	CLP-1 0.53(mm)
STD1 240-62068/7 IC		10/21/2012 17:53	1	P1300007.D	CLP-2 0.53(mm)
STD2 240-62068/8 IC		10/21/2012 18:07	1	P1300008.D	CLP-1 0.53(mm)
STD2 240-62068/8 IC		10/21/2012 18:07	1	P1300008.D	CLP-2 0.53(mm)
STD005 240-62068/9 IC		10/21/2012 18:22	1	P1300009.D	CLP-1 0.53(mm)
STD005 240-62068/9 IC		10/21/2012 18:22	1	P1300009.D	CLP-2 0.53(mm)
STD01 240-62068/10 IC		10/21/2012 18:37	1	P1300010.D	CLP-1 0.53(mm)
STD01 240-62068/10 IC		10/21/2012 18:37	1	P1300010.D	CLP-2 0.53(mm)
STD02 240-62068/11 IC		10/21/2012 18:52	1	P1300011.D	CLP-1 0.53(mm)
STD02 240-62068/11 IC		10/21/2012 18:52	1	P1300011.D	CLP-2 0.53(mm)
STD05 240-62068/12 IC		10/21/2012 19:07	1	P1300012.D	CLP-1 0.53(mm)
STD05 240-62068/12 IC		10/21/2012 19:07	1	P1300012.D	CLP-2 0.53(mm)
STD1 240-62068/13 IC		10/21/2012 19:22	1	P1300013.D	CLP-1 0.53(mm)
STD1 240-62068/13 IC		10/21/2012 19:22	1	P1300013.D	CLP-2 0.53(mm)
STD2 240-62068/14 IC		10/21/2012 19:37	1	P1300014.D	CLP-1 0.53(mm)
STD2 240-62068/14 IC		10/21/2012 19:37	1	P1300014.D	CLP-2 0.53(mm)
STD005 240-62068/15 IC		10/21/2012 19:52	1	P1300015.D	CLP-1 0.53(mm)
STD005 240-62068/15 IC		10/21/2012 19:52	1	P1300015.D	CLP-2 0.53(mm)
STD01 240-62068/16 IC		10/21/2012 20:07	1	P1300016.D	CLP-1 0.53(mm)
STD01 240-62068/16 IC		10/21/2012 20:07	1	P1300016.D	CLP-2 0.53(mm)
STD02 240-62068/17 IC		10/21/2012 20:22	1	P1300017.D	CLP-1 0.53(mm)
STD02 240-62068/17 IC		10/21/2012 20:22	1	P1300017.D	CLP-2 0.53(mm)
STD05 240-62068/18 IC		10/21/2012 20:37	1	P1300018.D	CLP-1 0.53(mm)
STD05 240-62068/18 IC		10/21/2012 20:37	1	P1300018.D	CLP-2 0.53(mm)
STD1 240-62068/19 IC		10/21/2012 20:52	1	P1300019.D	CLP-1 0.53(mm)
STD1 240-62068/19 IC		10/21/2012 20:52	1	P1300019.D	CLP-2 0.53(mm)
STD2 240-62068/20 IC		10/21/2012 21:07	1	P1300020.D	CLP-1 0.53(mm)
STD2 240-62068/20 IC		10/21/2012 21:07	1	P1300020.D	CLP-2 0.53(mm)
STD005 240-62068/21 IC		10/21/2012 21:21	1	P1300021.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/21 IC		10/21/2012 21:21	1	P1300021.D	CLP-2 0.53(mm)
STD01 240-62068/22 IC		10/21/2012 21:36	1	P1300022.D	CLP-1 0.53(mm)
STD01 240-62068/22 IC		10/21/2012 21:36	1	P1300022.D	CLP-2 0.53(mm)
STD02 240-62068/23 IC		10/21/2012 21:51	1	P1300023.D	CLP-1 0.53(mm)
STD02 240-62068/23 IC		10/21/2012 21:51	1	P1300023.D	CLP-2 0.53(mm)
STD05 240-62068/24 IC		10/21/2012 22:06	1	P1300024.D	CLP-1 0.53(mm)
STD05 240-62068/24 IC		10/21/2012 22:06	1	P1300024.D	CLP-2 0.53(mm)
STD1 240-62068/25 IC		10/21/2012 22:21	1	P1300025.D	CLP-1 0.53(mm)
STD1 240-62068/25 IC		10/21/2012 22:21	1	P1300025.D	CLP-2 0.53(mm)
STD2 240-62068/26 IC		10/21/2012 22:36	1	P1300026.D	CLP-1 0.53(mm)
STD2 240-62068/26 IC		10/21/2012 22:36	1	P1300026.D	CLP-2 0.53(mm)
STD005 240-62068/27 IC		10/21/2012 22:51	1	P1300027.D	CLP-1 0.53(mm)
STD005 240-62068/27 IC		10/21/2012 22:51	1	P1300027.D	CLP-2 0.53(mm)
STD01 240-62068/28 IC		10/21/2012 23:06	1	P1300028.D	CLP-1 0.53(mm)
STD01 240-62068/28 IC		10/21/2012 23:06	1	P1300028.D	CLP-2 0.53(mm)
STD02 240-62068/29 IC		10/21/2012 23:21	1	P1300029.D	CLP-1 0.53(mm)
STD02 240-62068/29 IC		10/21/2012 23:21	1	P1300029.D	CLP-2 0.53(mm)
STD05 240-62068/30 ICRT		10/21/2012 23:36	1	P1300030.D	CLP-1 0.53(mm)
STD05 240-62068/30 ICRT		10/21/2012 23:36	1	P1300030.D	CLP-2 0.53(mm)
STD1 240-62068/31 IC		10/21/2012 23:50	1	P1300031.D	CLP-1 0.53(mm)
STD1 240-62068/31 IC		10/21/2012 23:50	1	P1300031.D	CLP-2 0.53(mm)
STD2 240-62068/32 IC		10/22/2012 00:05	1	P1300032.D	CLP-1 0.53(mm)
STD2 240-62068/32 IC		10/22/2012 00:05	1	P1300032.D	CLP-2 0.53(mm)
STD005 240-62068/33 IC		10/22/2012 00:20	1		CLP-1 0.53(mm)
STD005 240-62068/33 IC		10/22/2012 00:20	1		CLP-2 0.53(mm)
STD01 240-62068/34 IC		10/22/2012 00:35	1		CLP-1 0.53(mm)
STD01 240-62068/34 IC		10/22/2012 00:35	1		CLP-2 0.53(mm)
STD02 240-62068/35 IC		10/22/2012 00:50	1		CLP-1 0.53(mm)
STD02 240-62068/35 IC		10/22/2012 00:50	1		CLP-2 0.53(mm)
STD05 240-62068/36 IC		10/22/2012 01:05	1		CLP-1 0.53(mm)
STD05 240-62068/36 IC		10/22/2012 01:05	1		CLP-2 0.53(mm)
STD1 240-62068/37 IC		10/22/2012 01:20	1		CLP-1 0.53(mm)
STD1 240-62068/37 IC		10/22/2012 01:20	1		CLP-2 0.53(mm)
STD2 240-62068/38 IC		10/22/2012 01:35	1		CLP-1 0.53(mm)
STD2 240-62068/38 IC		10/22/2012 01:35	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/39 IC		10/22/2012 01:50	1		CLP-1 0.53(mm)
STD005 240-62068/39 IC		10/22/2012 01:50	1		CLP-2 0.53(mm)
STD01 240-62068/40 IC		10/22/2012 02:05	1		CLP-1 0.53(mm)
STD01 240-62068/40 IC		10/22/2012 02:05	1		CLP-2 0.53(mm)
STD02 240-62068/41 IC		10/22/2012 02:20	1		CLP-1 0.53(mm)
STD02 240-62068/41 IC		10/22/2012 02:20	1		CLP-2 0.53(mm)
STD05 240-62068/42 IC		10/22/2012 02:34	1		CLP-1 0.53(mm)
STD05 240-62068/42 IC		10/22/2012 02:34	1		CLP-2 0.53(mm)
STD1 240-62068/43 IC		10/22/2012 02:49	1		CLP-1 0.53(mm)
STD1 240-62068/43 IC		10/22/2012 02:49	1		CLP-2 0.53(mm)
STD2 240-62068/44 IC		10/22/2012 03:04	1		CLP-1 0.53(mm)
STD2 240-62068/44 IC		10/22/2012 03:04	1		CLP-2 0.53(mm)
ICV 240-62068/45		10/22/2012 03:19	1	P1300045.D	CLP-1 0.53(mm)
ICV 240-62068/45		10/22/2012 03:19	1	P1300045.D	CLP-2 0.53(mm)
ICV 240-62068/46		10/22/2012 03:34	1	P1300046.D	CLP-1 0.53(mm)
ICV 240-62068/46		10/22/2012 03:34	1	P1300046.D	CLP-2 0.53(mm)
ICV 240-62068/47		10/22/2012 03:49	1	P1300047.D	CLP-1 0.53(mm)
ICV 240-62068/47		10/22/2012 03:49	1	P1300047.D	CLP-2 0.53(mm)
ICV 240-62068/48		10/22/2012 04:04	1	P1300048.D	CLP-1 0.53(mm)
ICV 240-62068/48		10/22/2012 04:04	1	P1300048.D	CLP-2 0.53(mm)
ICV 240-62068/49		10/22/2012 04:19	1	P1300049.D	CLP-1 0.53(mm)
ICV 240-62068/49		10/22/2012 04:19	1	P1300049.D	CLP-2 0.53(mm)
ICV 240-62068/50		10/22/2012 04:34	1	P1300050.D	CLP-1 0.53(mm)
ICV 240-62068/50		10/22/2012 04:34	1	P1300050.D	CLP-2 0.53(mm)
ICV 240-62068/51		10/22/2012 04:49	1		CLP-1 0.53(mm)
ICV 240-62068/51		10/22/2012 04:49	1		CLP-2 0.53(mm)
ICV 240-62068/52		10/22/2012 05:03	1		CLP-1 0.53(mm)
ICV 240-62068/52		10/22/2012 05:03	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP13 Start Date: 11/18/2012 14:13

Analysis Batch Number: 65363 End Date: 11/18/2012 19:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-65363/3 CCVRT		11/18/2012 14:13	1	P1300003.D	CLP-1 0.53(mm)
CCV 240-65363/3 CCVRT		11/18/2012 14:13	1	P1300003.D	CLP-2 0.53(mm)
MRL 240-65363/4		11/18/2012 14:28	1	P1300004.D	CLP-1 0.53(mm)
MRL 240-65363/4		11/18/2012 14:28	1	P1300004.D	CLP-2 0.53(mm)
240-17422-13	076SW-0013-0001-SW	11/18/2012 16:13	1	P1300011.D	CLP-1 0.53(mm)
240-17422-13	076SW-0013-0001-SW	11/18/2012 16:13	1	P1300011.D	CLP-2 0.53(mm)
240-17422-13 MS	076SW-0013-0001-SW MS	11/18/2012 16:28	1	P1300012.D	CLP-1 0.53(mm)
240-17422-13 MS	076SW-0013-0001-SW MS	11/18/2012 16:28	1	P1300012.D	CLP-2 0.53(mm)
240-17422-13 MSD	076SW-0013-0001-SW MSD	11/18/2012 16:43	1	P1300013.D	CLP-1 0.53(mm)
240-17422-13 MSD	076SW-0013-0001-SW MSD	11/18/2012 16:43	1	P1300013.D	CLP-2 0.53(mm)
240-17422-14	076SW-0014-0001-SW	11/18/2012 16:57	1	P1300014.D	CLP-1 0.53(mm)
240-17422-14	076SW-0014-0001-SW	11/18/2012 16:57	1	P1300014.D	CLP-2 0.53(mm)
240-17422-15	076SW-0015-0001-SW	11/18/2012 17:12	1	P1300015.D	CLP-1 0.53(mm)
240-17422-15	076SW-0015-0001-SW	11/18/2012 17:12	1	P1300015.D	CLP-2 0.53(mm)
MB 240-64779/13-A		11/18/2012 17:27	1	P1300016.D	CLP-1 0.53(mm)
MB 240-64779/13-A		11/18/2012 17:27	1	P1300016.D	CLP-2 0.53(mm)
CCV 240-65363/17		11/18/2012 17:42	1	P1300017.D	CLP-1 0.53(mm)
CCV 240-65363/17		11/18/2012 17:42	1	P1300017.D	CLP-2 0.53(mm)
ZZZZZ		11/18/2012 17:57	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2012 17:57	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2012 18:12	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2012 18:12	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2012 18:27	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2012 18:27	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2012 18:42	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2012 18:42	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2012 18:57	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2012 18:57	1		CLP-2 0.53(mm)
ZZZZZ		11/18/2012 19:12	1		CLP-1 0.53(mm)
ZZZZZ		11/18/2012 19:12	1		CLP-2 0.53(mm)
LCS 240-64779/14-A		11/18/2012 19:27	1	P1300024.D	CLP-1 0.53(mm)
LCS 240-64779/14-A		11/18/2012 19:27	1	P1300024.D	CLP-2 0.53(mm)
CCV 240-65363/25		11/18/2012 19:41	1	P1300025.D	CLP-1 0.53(mm)
CCV 240-65363/25		11/18/2012 19:41	1	P1300025.D	CLP-2 0.53(mm)
MRL 240-65363/26		11/18/2012 19:56	1	P1300026.D	CLP-1 0.53(mm)
MRL 240-65363/26		11/18/2012 19:56	1	P1300026.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP13 Start Date: 11/21/2012 06:45

Analysis Batch Number: 65860 End Date: 11/21/2012 14:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-65860/3 CCVRT		11/21/2012 06:45	1	P1300003.D	CLP-1 0.53(mm)
CCV 240-65860/3 CCVRT		11/21/2012 06:45	1	P1300003.D	CLP-2 0.53(mm)
MRL 240-65860/9		11/21/2012 08:14	1	P1300009.D	CLP-1 0.53(mm)
MRL 240-65860/9		11/21/2012 08:14	1	P1300009.D	CLP-2 0.53(mm)
ZZZZZ		11/21/2012 08:41	1		CLP-1 0.53(mm)
ZZZZZ		11/21/2012 08:41	1		CLP-2 0.53(mm)
ZZZZZ		11/21/2012 08:56	1		CLP-1 0.53(mm)
ZZZZZ		11/21/2012 08:56	1		CLP-2 0.53(mm)
ZZZZZ		11/21/2012 09:11	1		CLP-1 0.53(mm)
ZZZZZ		11/21/2012 09:11	1		CLP-2 0.53(mm)
ZZZZZ		11/21/2012 09:26	1		CLP-1 0.53(mm)
ZZZZZ		11/21/2012 09:26	1		CLP-2 0.53(mm)
ZZZZZ		11/21/2012 09:41	1		CLP-1 0.53(mm)
ZZZZZ		11/21/2012 09:41	1		CLP-2 0.53(mm)
ZZZZZ		11/21/2012 09:56	1		CLP-1 0.53(mm)
ZZZZZ		11/21/2012 09:56	1		CLP-2 0.53(mm)
240-17422-2	076SS-0020M-0001-SO	11/21/2012 10:11	1	P1300016.D	CLP-1 0.53(mm)
240-17422-2	076SS-0020M-0001-SO	11/21/2012 10:11	1	P1300016.D	CLP-2 0.53(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/21/2012 10:26	1	P1300017.D	CLP-1 0.53(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/21/2012 10:26	1	P1300017.D	CLP-2 0.53(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/21/2012 10:40	1	P1300018.D	CLP-1 0.53(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/21/2012 10:40	1	P1300018.D	CLP-2 0.53(mm)
MB 240-65499/23-A		11/21/2012 10:55	1	P1300019.D	CLP-1 0.53(mm)
MB 240-65499/23-A		11/21/2012 10:55	1	P1300019.D	CLP-2 0.53(mm)
CCV 240-65860/20		11/21/2012 11:10	1	P1300020.D	CLP-1 0.53(mm)
CCV 240-65860/20		11/21/2012 11:10	1	P1300020.D	CLP-2 0.53(mm)
240-17422-3	076SS-0021M-0001-SO	11/21/2012 11:25	1	P1300021.D	CLP-1 0.53(mm)
240-17422-3	076SS-0021M-0001-SO	11/21/2012 11:25	1	P1300021.D	CLP-2 0.53(mm)
240-17422-5	073SS-0002M-0001-SO	11/21/2012 11:40	1	P1300022.D	CLP-1 0.53(mm)
240-17422-5	073SS-0002M-0001-SO	11/21/2012 11:40	1	P1300022.D	CLP-2 0.53(mm)
240-17422-6	073SS-0003M-0001-SO	11/21/2012 11:55	1	P1300023.D	CLP-1 0.53(mm)
240-17422-6	073SS-0003M-0001-SO	11/21/2012 11:55	1	P1300023.D	CLP-2 0.53(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/21/2012 12:10	1	P1300024.D	CLP-1 0.53(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/21/2012 12:10	1	P1300024.D	CLP-2 0.53(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/21/2012 12:25	1	P1300025.D	CLP-1 0.53(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/21/2012 12:25	1	P1300025.D	CLP-2 0.53(mm)
240-17422-9	068SD-0009-0001-SO	11/21/2012 12:40	1	P1300026.D	CLP-1 0.53(mm)
240-17422-9	068SD-0009-0001-SO	11/21/2012 12:40	1	P1300026.D	CLP-2 0.53(mm)
240-17422-9 MS	068SD-0009-0001-SO MS	11/21/2012 12:55	1	P1300027.D	CLP-1 0.53(mm)
240-17422-9 MS	068SD-0009-0001-SO MS	11/21/2012 12:55	1	P1300027.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP13 Start Date: 11/21/2012 06:45

Analysis Batch Number: 65860 End Date: 11/21/2012 14:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
240-17422-9 MSD	068SD-0009-0001-SO MSD	11/21/2012 13:10	1	P1300028.D	CLP-1 0.53(mm)
240-17422-9 MSD	068SD-0009-0001-SO MSD	11/21/2012 13:10	1	P1300028.D	CLP-2 0.53(mm)
CCV 240-65860/29		11/21/2012 13:25	1	P1300029.D	CLP-1 0.53(mm)
CCV 240-65860/29		11/21/2012 13:25	1	P1300029.D	CLP-2 0.53(mm)
240-17422-10	068SD-00010-0001-SO	11/21/2012 13:40	1	P1300030.D	CLP-1 0.53(mm)
240-17422-10	068SD-00010-0001-SO	11/21/2012 13:40	1	P1300030.D	CLP-2 0.53(mm)
240-17422-11	068SD-00011-0001-SO	11/21/2012 13:55	1	P1300031.D	CLP-1 0.53(mm)
240-17422-11	068SD-00011-0001-SO	11/21/2012 13:55	1	P1300031.D	CLP-2 0.53(mm)
240-17422-12	068SD-00012-0001-SO	11/21/2012 14:10	1	P1300032.D	CLP-1 0.53(mm)
240-17422-12	068SD-00012-0001-SO	11/21/2012 14:10	1	P1300032.D	CLP-2 0.53(mm)
LCS 240-65499/24-A		11/21/2012 14:25	1	P1300033.D	CLP-1 0.53(mm)
LCS 240-65499/24-A		11/21/2012 14:25	1	P1300033.D	CLP-2 0.53(mm)
CCV 240-65860/34		11/21/2012 14:40	1	P1300034.D	CLP-1 0.53(mm)
CCV 240-65860/34		11/21/2012 14:40	1	P1300034.D	CLP-2 0.53(mm)
MRL 240-65860/36		11/21/2012 14:54	1	P1300035.D	CLP-1 0.53(mm)
MRL 240-65860/36		11/21/2012 14:54	1	P1300035.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

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

SDG No.:

Batch Number: 64779 Batch Start Date: 11/13/12 12:10 Batch Analyst: Earle, Steve

Batch Method: 3520C Batch End Date: 11/14/12 06:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX10PPMSPK 00006	EX2/.2SURRW 00019	
240-17422-G-13	076SW-0013-0001-SW	3520C, 8082/DOD	T	1050 mL	5.0 mL	7		1 mL	
240-17422-I-13 MS	076SW-0013-0001-SW	3520C, 8082/DOD	T	1050 mL	5.0 mL	7	0.5 mL	1 mL	
240-17422-D-13 MSD	076SW-0013-0001-SW	3520C, 8082/DOD	T	1050 mL	5.0 mL	7	0.5 mL	1 mL	
240-17422-C-14	076SW-0014-0001-SW	3520C, 8082/DOD	T	1040 mL	5.0 mL	7		1 mL	
240-17422-B-15	076SW-0015-0001-SW	3520C, 8082/DOD	T	1050 mL	5.0 mL	7		1 mL	
MB 240-64779/13		3520C, 8082/DOD		1000 mL	5.0 mL	7		1 mL	
LCS 240-64779/14		3520C, 8082/DOD		1000 mL	5.0 mL	7	0.5 mL	1 mL	

Batch Notes	
Acid used for Clean Up Reagent	724997
Person's name who did the concentration	lah/cc
Exchange Solvent Lot #	671347
Filter Paper Lot Number	668986
Prep Solvent Lot #	723534

Basis	Basis Description
T	Total/NA

PCBS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65499 Batch Start Date: 11/19/12 14:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/20/12 06:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00006	EX2/.2SURRW 00019	AnalysisComment	
240-17422-A-2-B	076SS-0020M-0001-SO	3540C, 8082/DOD	T	29.66 g	10 mL		1 mL	assoc w/65501	
240-17422-A-2-C MS	076SS-0020M-0001-SO	3540C, 8082/DOD	T	29.96 g	10 mL	1 mL	1 mL		
240-17422-A-2-D MSD	076SS-0020M-0001-SO	3540C, 8082/DOD	T	29.74 g	10 mL	1 mL	1 mL		
240-17422-A-3-B	076SS-0021M-0001-SO	3540C, 8082/DOD	T	29.96 g	10 mL		1 mL	assoc w/65501	
240-17422-A-5-B	073SS-0002M-0001-SO	3540C, 8082/DOD	T	29.56 g	10 mL		1 mL	assoc w/65501	
240-17422-A-6-B	073SS-0003M-0001-SO	3540C, 8082/DOD	T	29.67 g	10 mL		1 mL	assoc w/65501	
240-17422-A-6-C MS	073SS-0003M-0001-SO	3540C, 8082/DOD	T	29.61 g	10 mL	1 mL	1 mL		
240-17422-A-6-D MSD	073SS-0003M-0001-SO	3540C, 8082/DOD	T	29.50 g	10 mL	1 mL	1 mL		
240-17422-A-9-A	068SD-0009-0001-SO	3540C, 8082/DOD	T	30.40 g	10 mL		1 mL		
240-17422-A-9-B MS	068SD-0009-0001-SO	3540C, 8082/DOD	T	29.67 g	10 mL	1 mL	1 mL		
240-17422-A-9-C MSD	068SD-0009-0001-SO	3540C, 8082/DOD	T	30.15 g	10 mL	1 mL	1 mL		
240-17422-A-10-A	068SD-00010-0001-SO	3540C, 8082/DOD	T	29.79 g	10 mL		1 mL		
240-17422-A-11-A	068SD-00011-0001-SO	3540C, 8082/DOD	T	29.53 g	10 mL		1 mL		
240-17422-A-12-A	068SD-00012-0001-SO	3540C, 8082/DOD	T	30.46 g	10 mL		1 mL		
MB 240-65499/23		3540C, 8082/DOD		30.00 g	10 mL		1 mL	assoc w/65501	
LCS 240-65499/24		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	724996
Balance ID	b036
Person's name who did the concentration	cc/lh
Exchange Solvent Lot #	671346
Na2SO4 Lot Number	677239
Prep Solvent Lot #	719003

PCBS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65499 Batch Start Date: 11/19/12 14:40 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/20/12 06:40

Basis	Basis Description
T	Total/NA

Method 8330 Nitroguanidine

Nitroguanidine (HPLC) by Method 8330

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001520-006-1.d

Lab ID: LCS 320-6035/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.983	98	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001520-025-1.d

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

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.040 U	0.915	91	72-121	M

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001520-030-1.d

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

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Nitroguanidine	1.01	0.039 U	0.908	90	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001520-026-1.d

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

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Nitroguanidine	0.962	0.881	92	4	20	72-121	M

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001520-031-1.d

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

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Nitroguanidine	0.976	0.884	91	3	20	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM IV
HPLC/IC METHOD BLANK SUMMARY

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

SDG No.:

Lab File ID: 320-0001520-005-1.d Lab Sample ID: MB 320-6035/1-A

Matrix: Solid Date Extracted: 11/16/2012 11:29

Instrument ID: PDA1 Date Analyzed: 11/26/2012 12:45

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-6035/2-A	320-0001520-006-1.d	11/26/2012 12:59
076SS-0020M-0001-SO	240-17422-2	320-0001520-023-1.d	11/26/2012 17:02
076SS-0020M-0001-SO MS	240-17422-2 MS	320-0001520-025-1.d	11/26/2012 17:31
076SS-0020M-0001-SO MSD	240-17422-2 MSD	320-0001520-026-1.d	11/26/2012 17:45
076SS-0021M-0001-SO	240-17422-3	320-0001520-027-1.d	11/26/2012 18:00
073SS-0002M-0001-SO	240-17422-5	320-0001520-028-1.d	11/26/2012 18:14
073SS-0003M-0001-SO	240-17422-6	320-0001520-029-1.d	11/26/2012 18:28
073SS-0003M-0001-SO MS	240-17422-6 MS	320-0001520-030-1.d	11/26/2012 18:43
073SS-0003M-0001-SO MSD	240-17422-6 MSD	320-0001520-031-1.d	11/26/2012 18:57

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-023-1.d

Analysis Method: 8330 Modified Date Collected: 11/07/2012 15:50

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.02(g) Date Analyzed: 11/26/2012 17:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-023-1.d		
Lims ID:	240-17422-P-2-G	Client ID:	076SS-0020M-0001-SO
Inject. Date:	26-Nov-2012 17:02:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001520-023 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	23
Detector:	GC 320-0001520-023-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:44:58	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:53:30

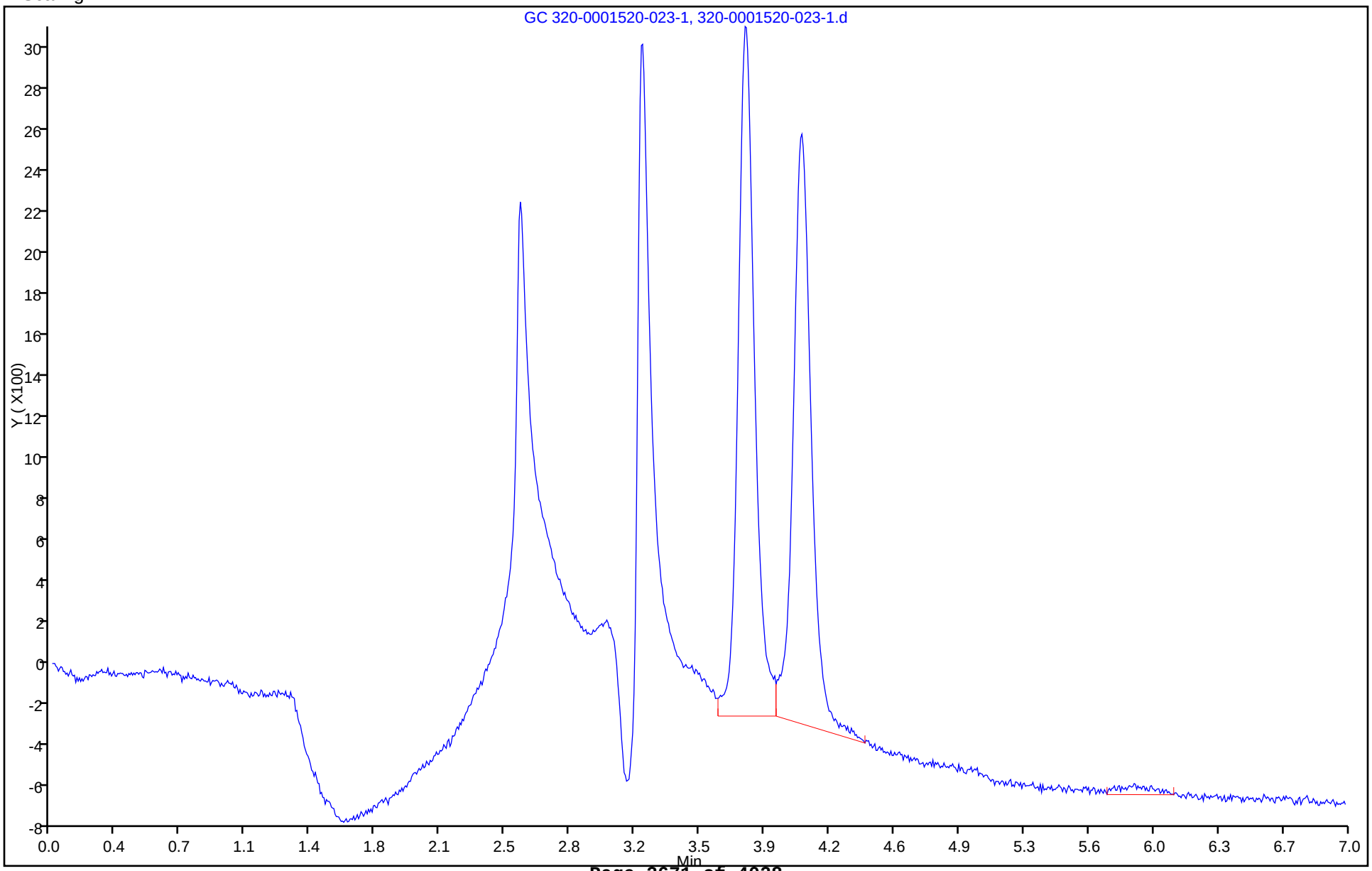
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 27-Nov-2012 07:53:30 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-023-1.d		
Injection Date:	26-Nov-2012 17:02:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	23
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-027-1.d

Analysis Method: 8330 Modified Date Collected: 11/07/2012 15:50

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.02(g) Date Analyzed: 11/26/2012 18:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-027-1.d		
Lims ID:	240-17422-F-3-C	Client ID:	076SS-0021M-0001-SO
Inject. Date:	26-Nov-2012 18:00:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001520-027 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	27
Detector:	GC 320-0001520-027-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:57:38	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:57:46

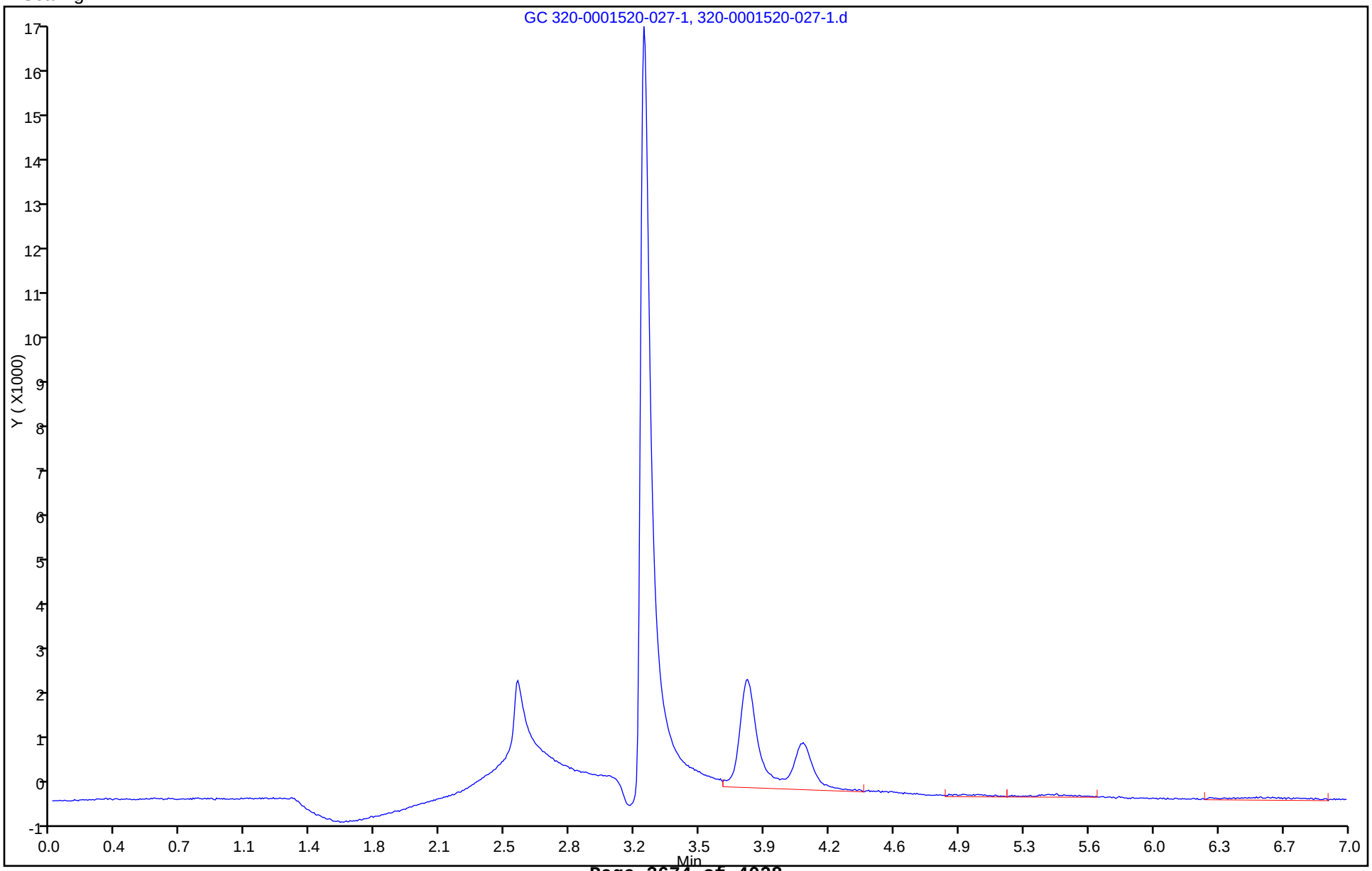
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 27-Nov-2012 07:57:47 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-027-1.d		
Injection Date:	26-Nov-2012 18:00:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	27
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-028-1.d

Analysis Method: 8330 Modified Date Collected: 11/08/2012 11:00

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.03(g) Date Analyzed: 11/26/2012 18:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.25	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-028-1.d		
Lims ID:	240-17422-F-5-C	Client ID:	073SS-0002M-0001-SO
Inject. Date:	26-Nov-2012 18:14:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001520-028 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	28
Detector:	GC 320-0001520-028-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:57:38	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:57:53

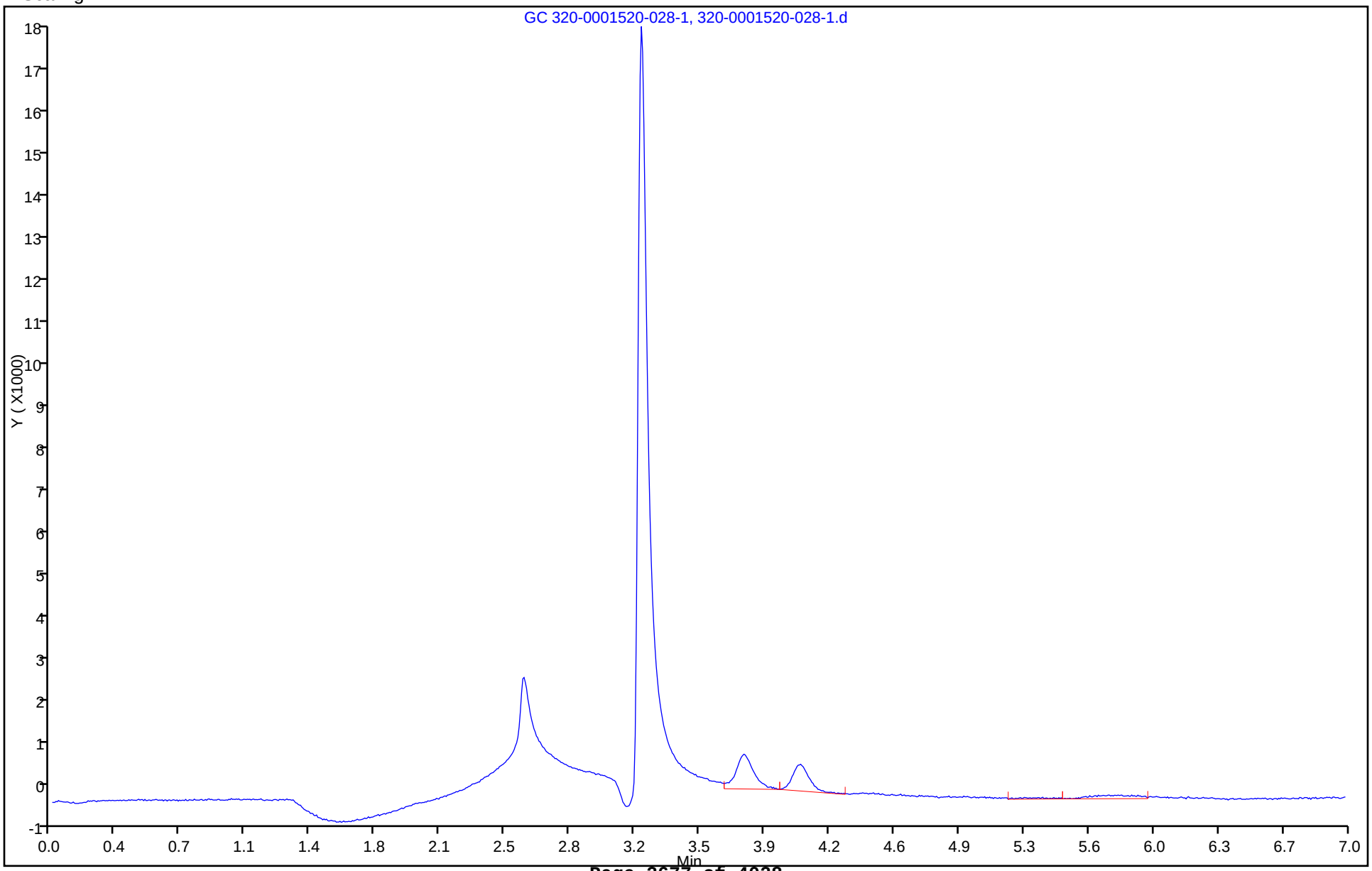
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 27-Nov-2012 07:57:53 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-028-1.d		
Injection Date:	26-Nov-2012 18:14:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	28
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-029-1.d

Analysis Method: 8330 Modified Date Collected: 11/08/2012 11:00

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.05(g) Date Analyzed: 11/26/2012 18:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-029-1.d		
Lims ID:	240-17422-P-6-G	Client ID:	073SS-0003M-0001-SO
Inject. Date:	26-Nov-2012 18:28:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001520-029 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	29
Detector:	GC 320-0001520-029-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:57:38	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:58:01

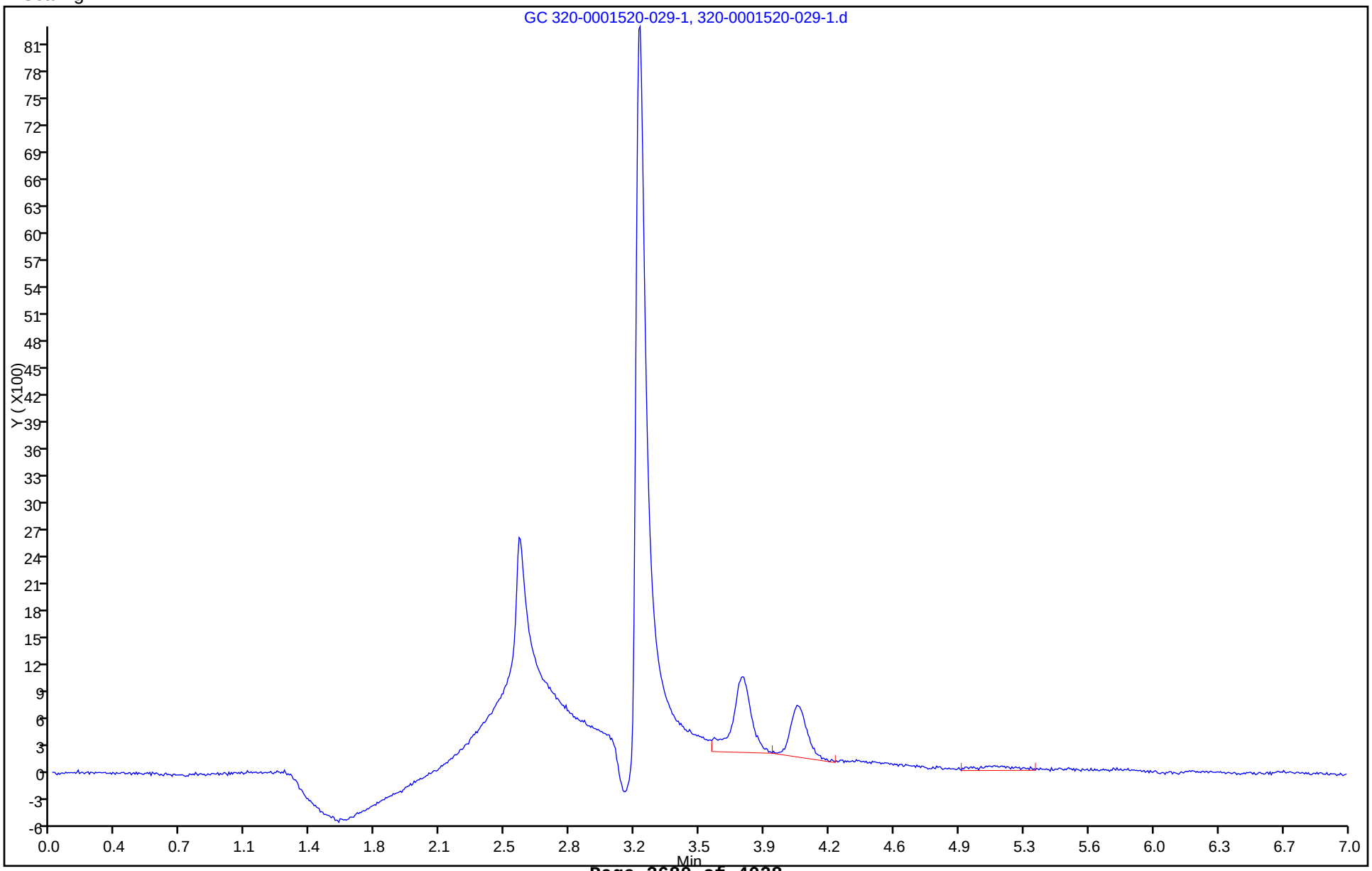
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 27-Nov-2012 07:58:01 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-029-1.d		
Injection Date:	26-Nov-2012 18:28:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	29
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4663

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2012 09:29 Calibration End Date: 10/17/2012 10:41 Calibration ID: 1409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-4663/4	HPNQL2_00003-1.d
Level 2	STD03 320-4663/5	HPNQL3_00003-1.d
Level 3	STD04 320-4663/6	HPNQL4_00003-1.d
Level 4	STD05 320-4663/7	HPNQL5_00003-1.d
Level 5	STD06 320-4663/8	HPNQL6_00003-1.d
Level 6	STD07 320-4663/9	HPNQL7_00003-1.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Nitroguanidine	4.240	4.240	4.240	4.240	4.233	4.227					3.990 - 4.490	4.237

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4663

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2012 09:29 Calibration End Date: 10/17/2012 10:41 Calibration ID: 1409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-4663/4	HPNQL2_00003-1.d
Level 2	STD03 320-4663/5	HPNQL3_00003-1.d
Level 3	STD04 320-4663/6	HPNQL4_00003-1.d
Level 4	STD05 320-4663/7	HPNQL5_00003-1.d
Level 5	STD06 320-4663/8	HPNQL6_00003-1.d
Level 6	STD07 320-4663/9	HPNQL7_00003-1.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								
Nitroguanidine	48.450 47.010	47.080 46.247	47.010	46.930	Ave		47.1211667				1.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4663

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/17/2012 09:29 Calibration End Date: 10/17/2012 10:41 Calibration ID: 1409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-4663/4	HPNQL2_00003-1.d
Level 2	STD03 320-4663/5	HPNQL3_00003-1.d
Level 3	STD04 320-4663/6	HPNQL4_00003-1.d
Level 4	STD05 320-4663/7	HPNQL5_00003-1.d
Level 5	STD06 320-4663/8	HPNQL6_00003-1.d
Level 6	STD07 320-4663/9	HPNQL7_00003-1.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Nitroguanidine	Ave	969 46247	2354	4701	9386	23505	20.0 1000	50.0	100	200	500

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL2_00003-1.d		
Lims ID:	std02	Client ID:	
Inject. Date:	17-Oct-2012 09:29:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	HPNQL2_00003 Verification		
Misc. Info.:	none NQ Std 20 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL2_00003-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:07:50	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: waterlandh Date: 30-Oct-2012 09:07:50

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.240	0.0	969	20.6	

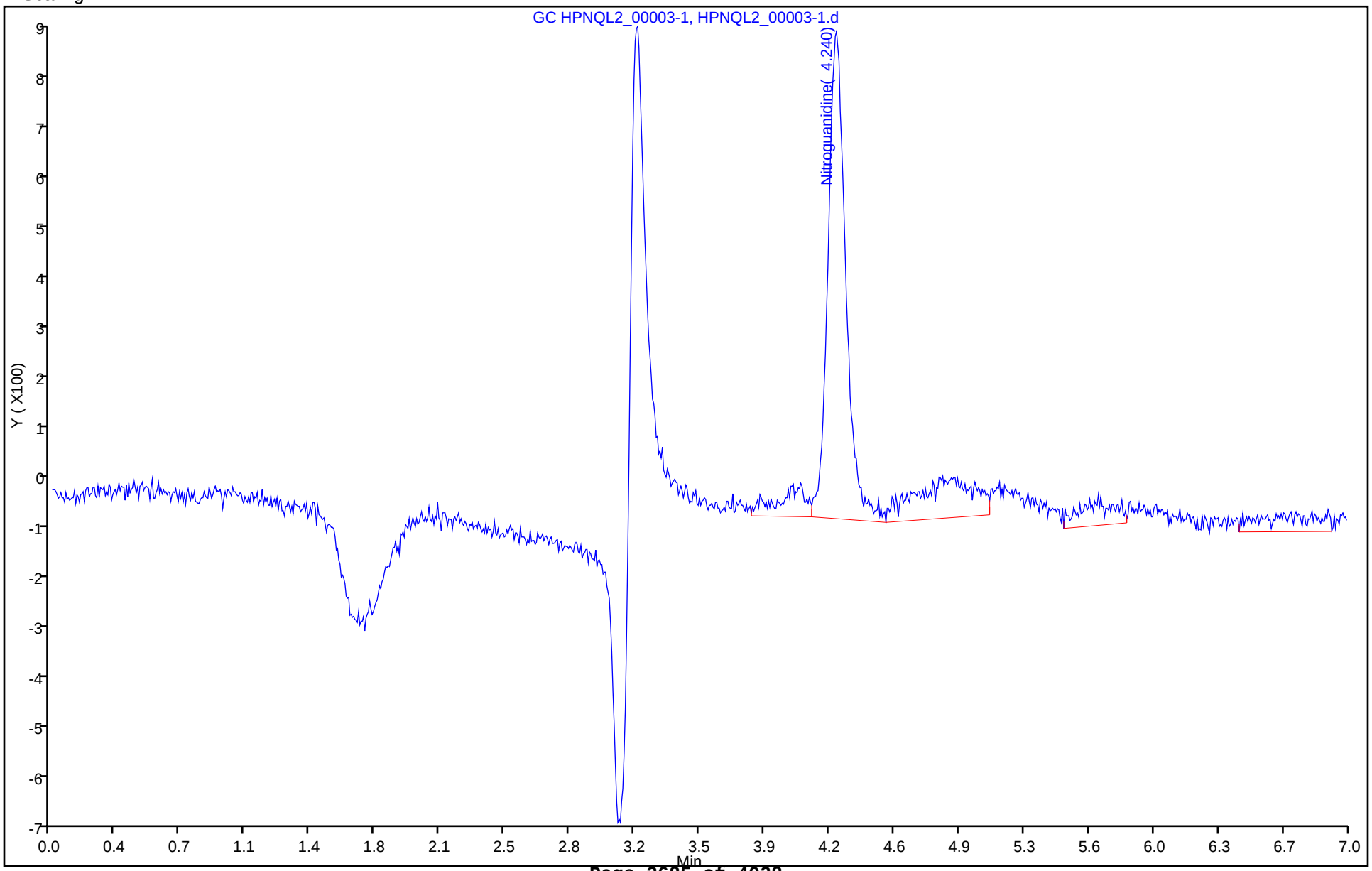
Report Date: 30-Oct-2012 09:07:50 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL2_00003-1.d

Injection Date:	17-Oct-2012 09:29:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL3_00003-1.d		
Lims ID:	std03	Client ID:	
Inject. Date:	17-Oct-2012 09:44:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	HPNQL3_00003 Verification		
Misc. Info.:	none NQ Std 50 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	5
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL3_00003-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:07:54	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: waterlandh Date: 30-Oct-2012 09:07:54

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.240	0.0	2354	50.0	

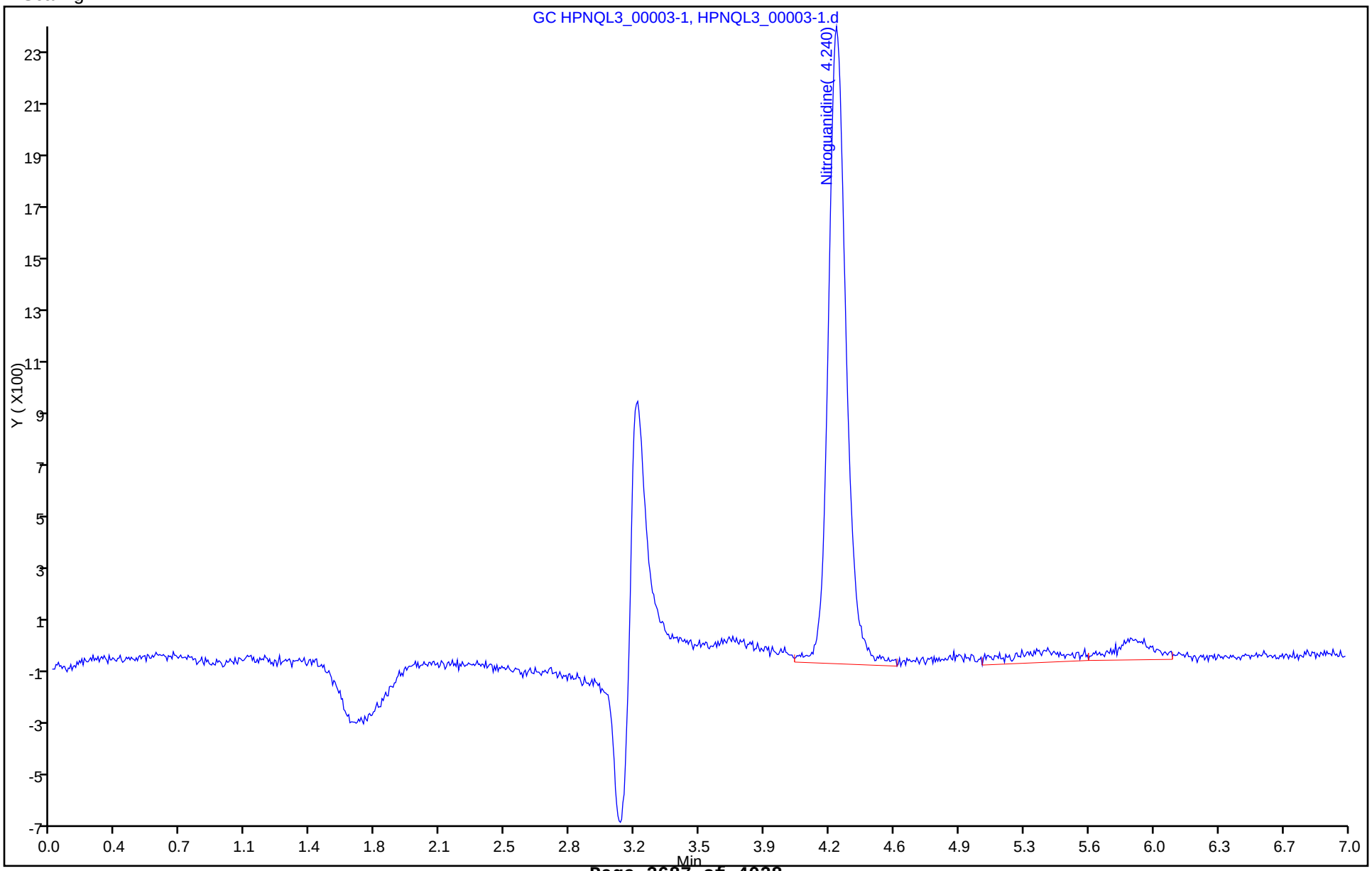
Report Date: 30-Oct-2012 09:07:54 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL3_00003-1.d

Injection Date:	17-Oct-2012 09:44:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL4_00003-1.d		
Lims ID:	std04	Client ID:	
Inject. Date:	17-Oct-2012 09:58:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	HPNQL4_00003 Verification		
Misc. Info.:	none NQ Std 100 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	6
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL4_00003-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:07:59	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: waterlandh Date: 30-Oct-2012 09:07:59

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.240	0.0	4701	99.8	

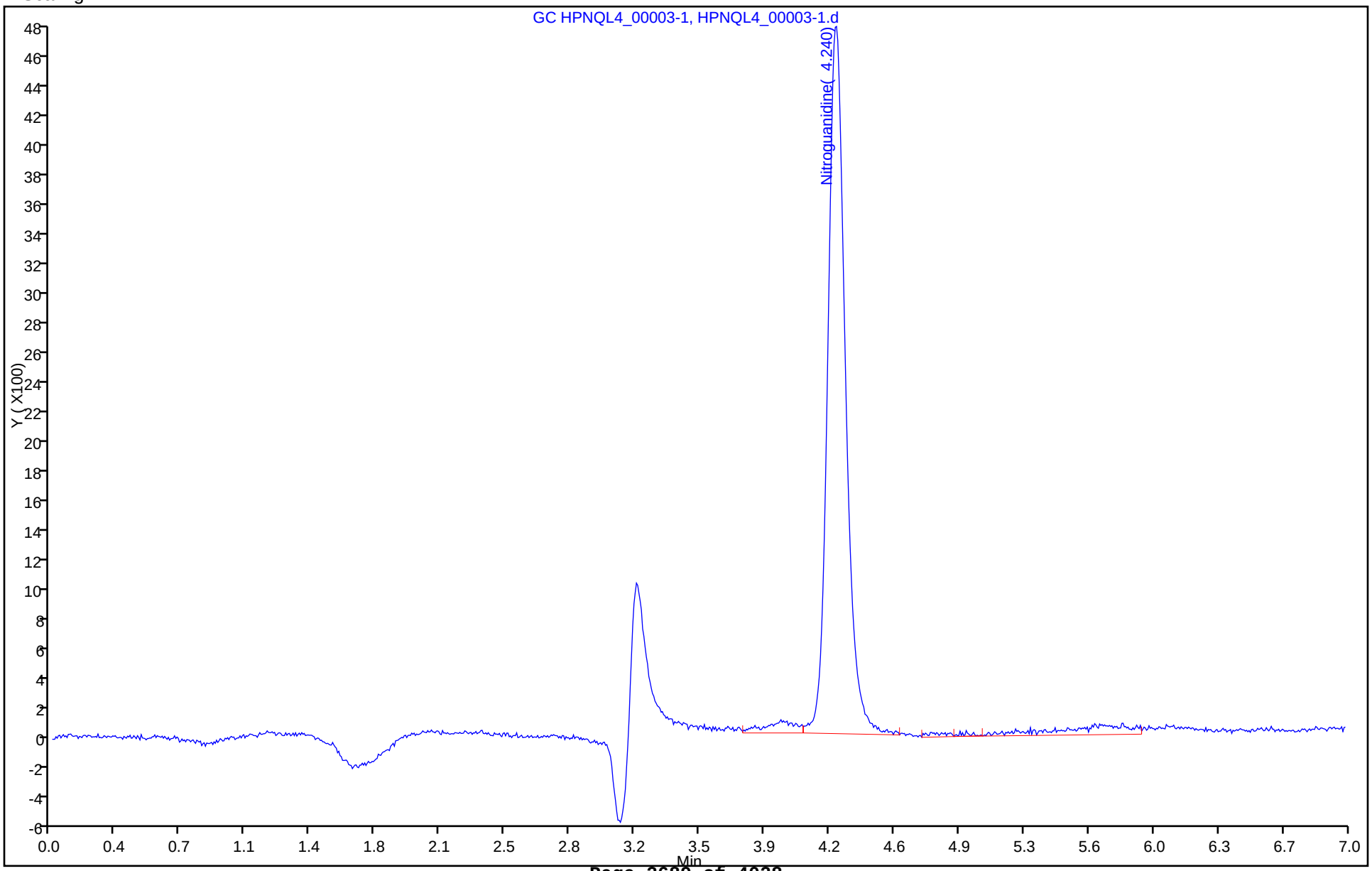
Report Date: 30-Oct-2012 09:07:59 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL4_00003-1.d

Injection Date:	17-Oct-2012 09:58:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL5_00003-1.d		
Lims ID:	std05	Client ID:	
Inject. Date:	17-Oct-2012 10:12:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	HPNQL5_00003 Verification		
Misc. Info.:	none NQ Std 200 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	7
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL5_00003-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:08:09	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		
First Level Reviewer: waterlandh		Date:	30-Oct-2012 09:08:09

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.240	0.0	9386	199.2	

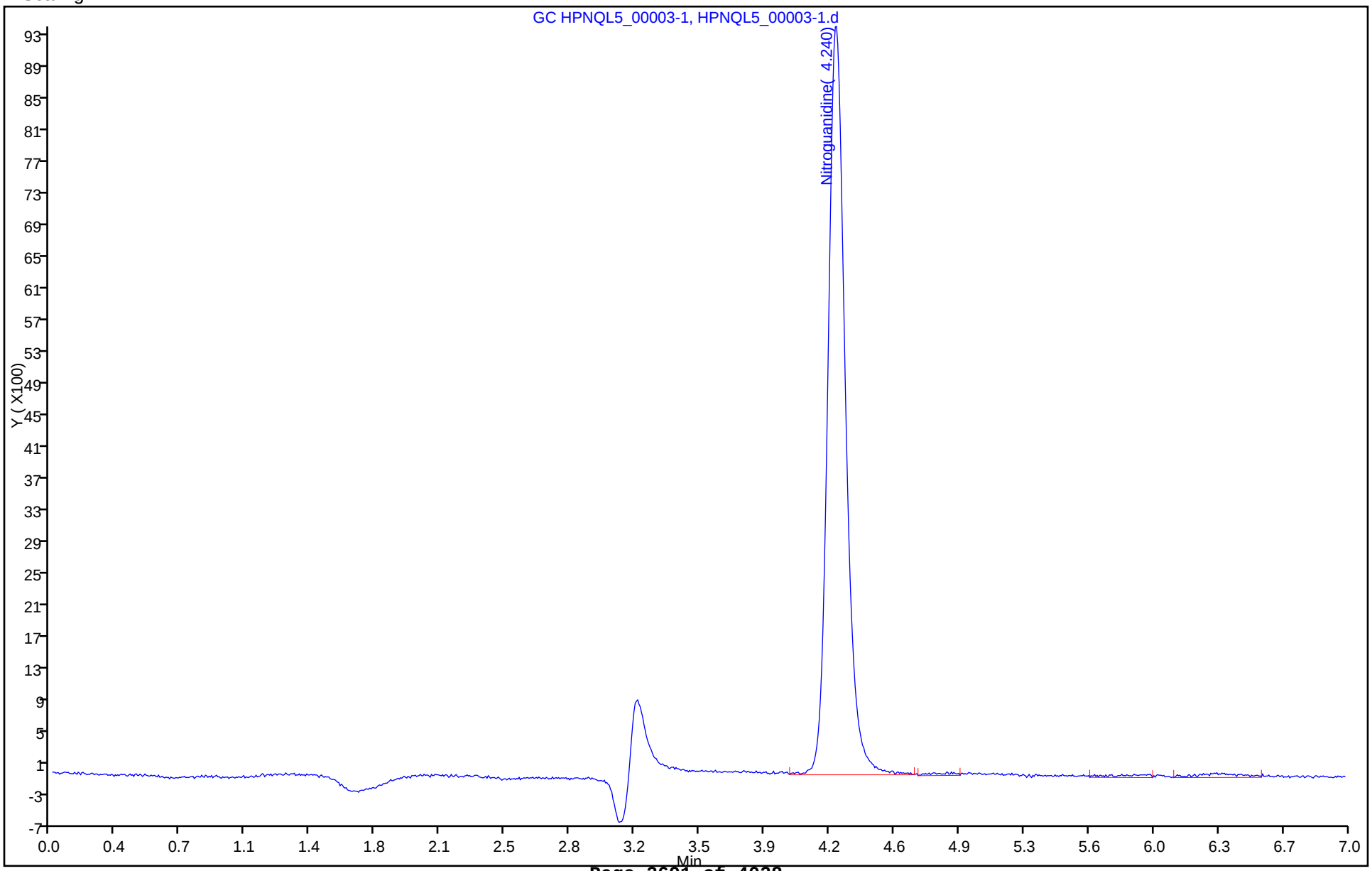
Report Date: 30-Oct-2012 09:08:09 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL5_00003-1.d

Injection Date:	17-Oct-2012 10:12:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL6_00003-1.d		
Lims ID:	std06	Client ID:	
Inject. Date:	17-Oct-2012 10:27:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	HPNQL6_00003 Verification		
Misc. Info.:	none NQ Std 500 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	8
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL6_00003-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:08:13	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		
First Level Reviewer: waterlandh		Date:	30-Oct-2012 09:08:13

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.233	4.240	-0.007	23505	498.8	

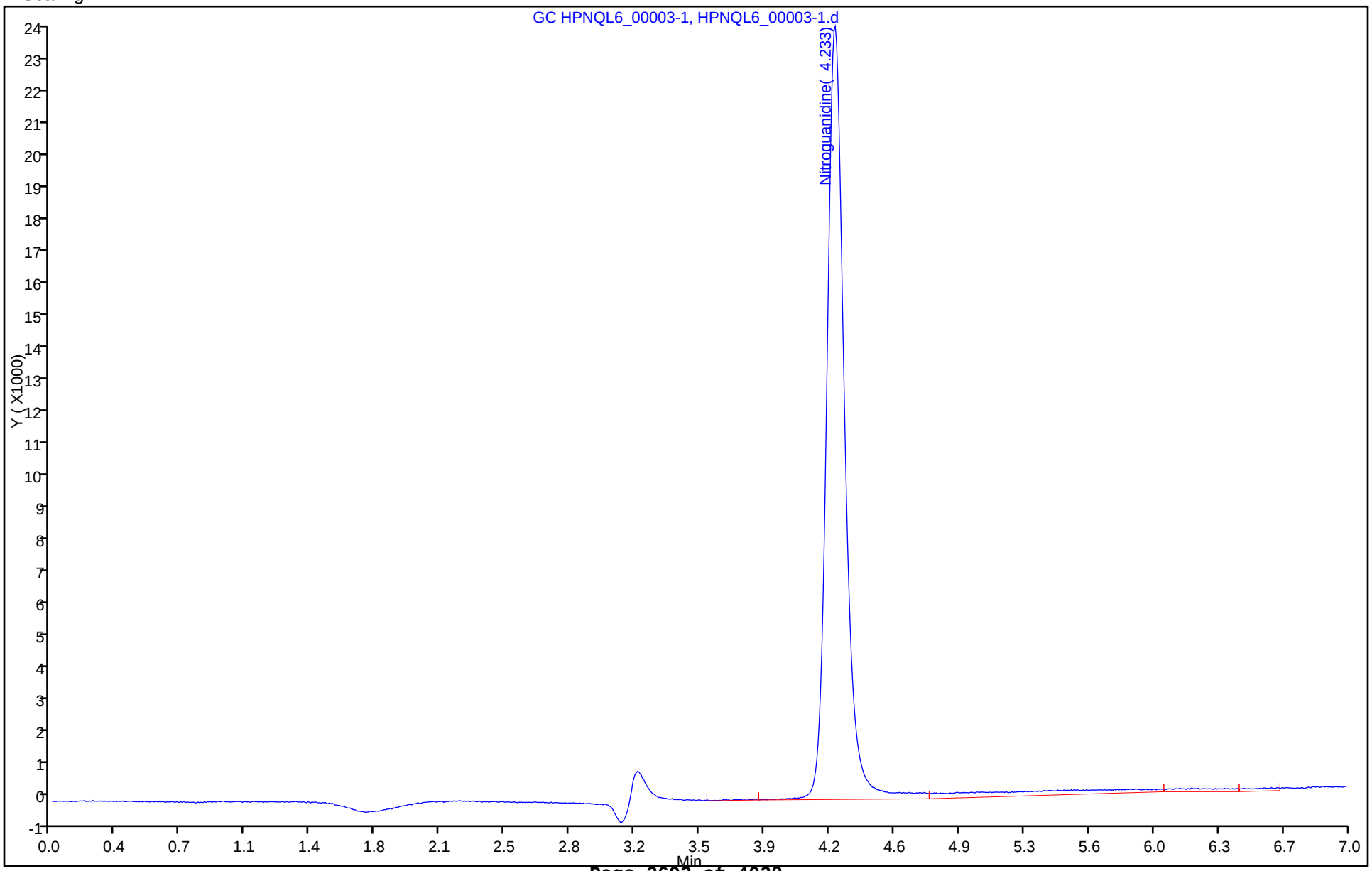
Report Date: 30-Oct-2012 09:08:13 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL6_00003-1.d

Injection Date:	17-Oct-2012 10:27:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Lims ID:	std07	Client ID:	
Inject. Date:	17-Oct-2012 10:41:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	HPNQL7_00003 Verification		
Misc. Info.:	none NQ Std 1000 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	9
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL7_00003-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:08:20	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: waterlandh Date: 30-Oct-2012 09:08:20

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.227	4.240	-0.013	46247	981.4	

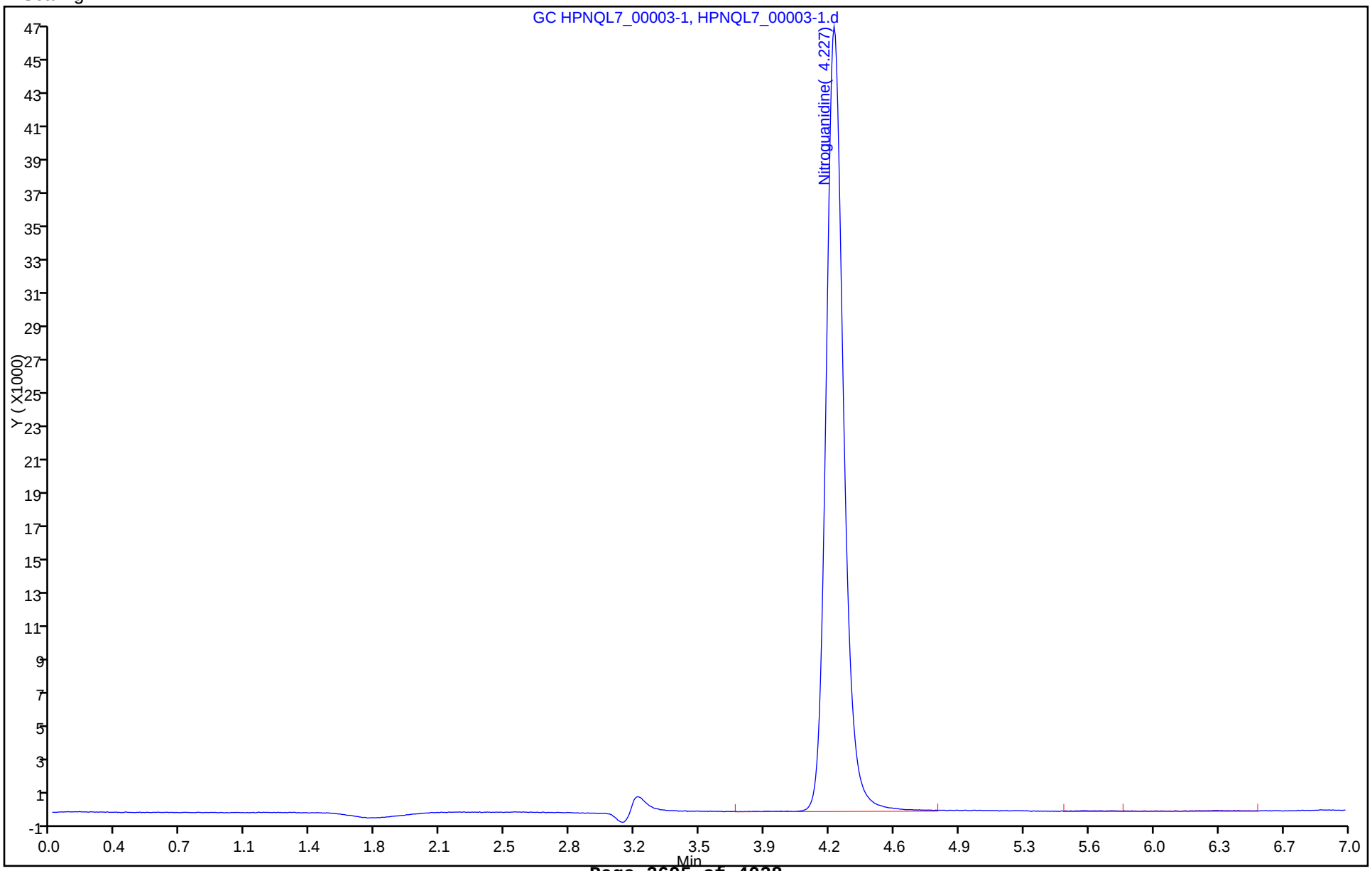
Report Date: 30-Oct-2012 09:08:21 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d

Injection Date:	17-Oct-2012 10:41:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 320-4663/11 Calibration Date: 10/17/2012 11:10

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: HPNQIC_00002;001-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	45.50		193	200	-3.5	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 320-4663/11 Calibration Date: 10/17/2012 11:10

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: HPNQIC_00002;001-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.23	3.98	4.48

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQIC_00002;001-1.d		
Lims ID:	icv	Client ID:	
Inject. Date:	17-Oct-2012 11:10:00	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	HPNQIC_00002; Analysis		
Misc. Info.:	none ICV 200ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	11
Sublist:			
Detector:	GC HPNQIC_00002;001-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:03:42	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: noonanr Date: 17-Oct-2012 12:29:08

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.233	4.233	0.0	9099	193.1	

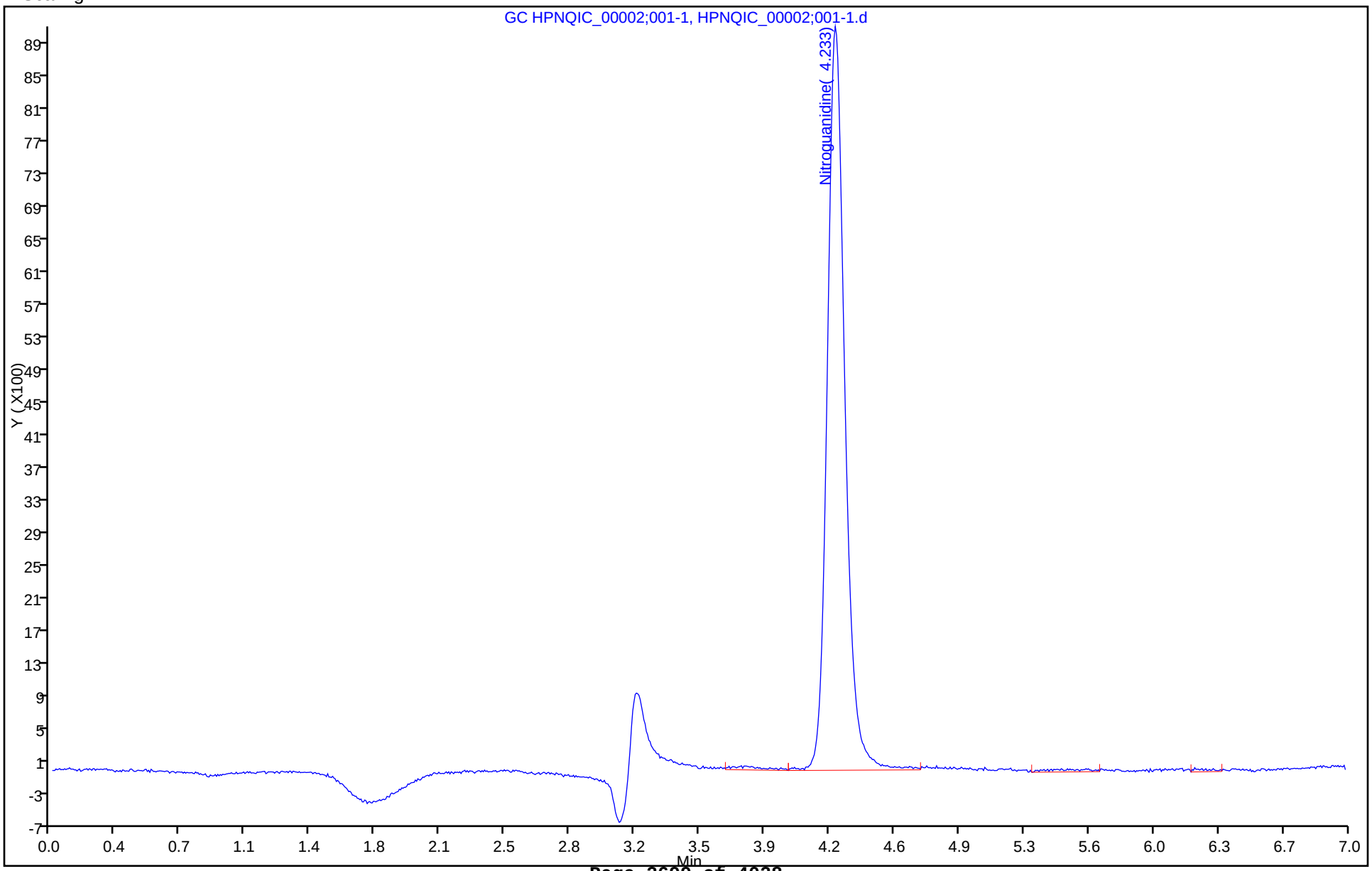
Report Date: 30-Oct-2012 09:03:42 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQIC_00002;001-1.d

Injection Date:	17-Oct-2012 11:10:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: LODV 320-4663/12 Calibration Date: 10/17/2012 11:24

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: HPNQ2XM_00002-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	56.40		5.98	5.00	19.7	

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: LODV 320-4663/12 Calibration Date: 10/17/2012 11:24

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: HPNQ2XM_00002-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.24	3.98	4.48

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQ2XM_00002-1.d		
Lims ID:	LODV	Client ID:	
Inject. Date:	17-Oct-2012 11:24:00	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	HPNQ2xM_00002 Verification		
Misc. Info.:	none 2xMDL NQ Std 5 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	12
Detector:	GC HPNQ2XM_00002-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:03:42	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: noonanr Date: 17-Oct-2012 12:29:13

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1	Nitroguanidine					
	4.240	4.233	0.007	282	5.98	

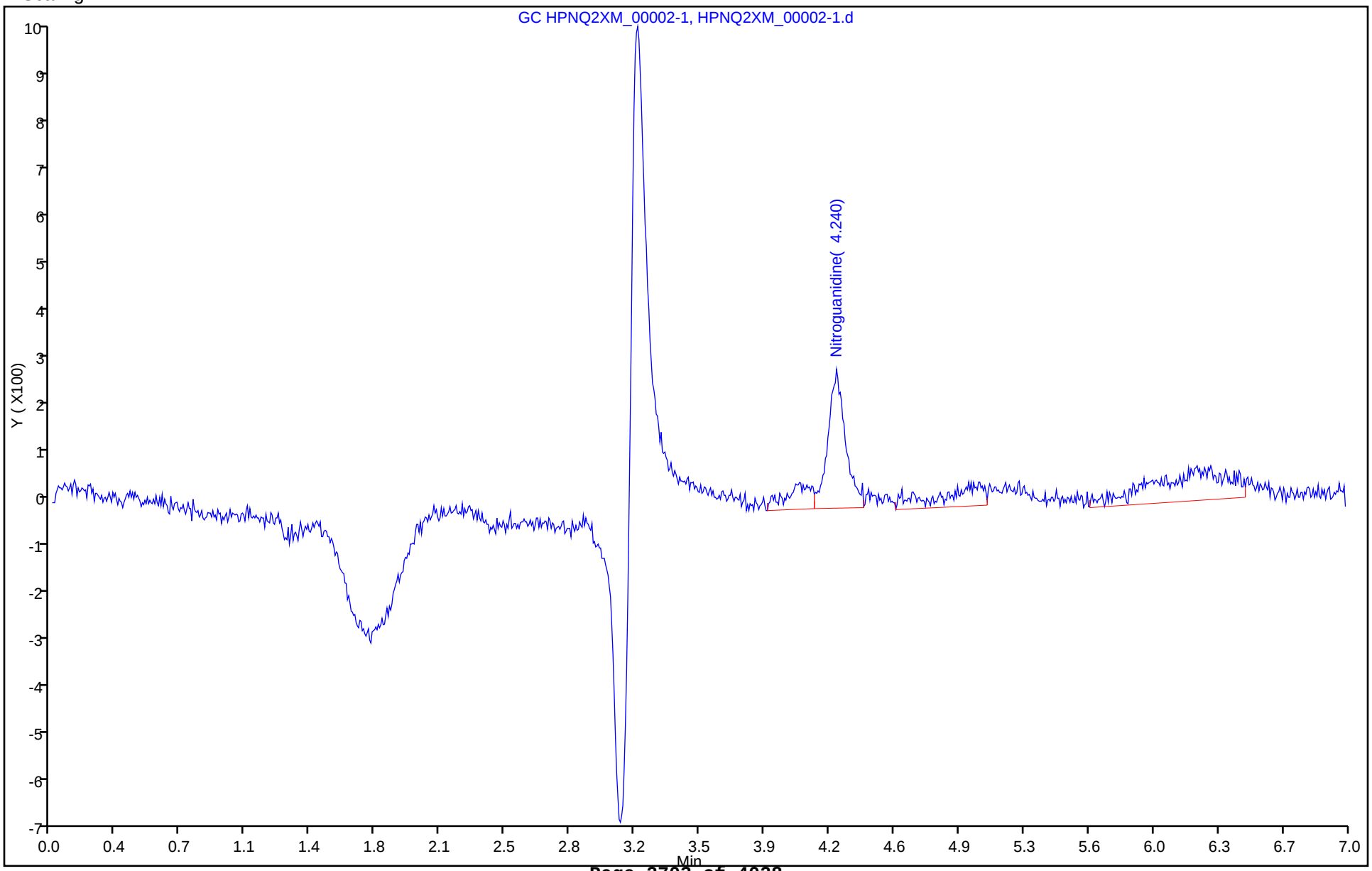
Report Date: 30-Oct-2012 09:03:42 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQ2XM_00002-1.d

Injection Date:	17-Oct-2012 11:24:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-4663/13 Calibration Date: 10/17/2012 11:38

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: HPNQL2_00003001-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	48.85		20.7	20.0	3.7	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-4663/13 Calibration Date: 10/17/2012 11:38

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: HPNQL2_00003001-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.23	3.98	4.48

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL2_00003001-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	17-Oct-2012 11:38:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	HPNQL2_00003 Verification		
Misc. Info.:	none MRL NQ Std 20 ng/mL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	4663	Lims Sample ID:	13
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC HPNQL2_00003001-1		
Method:	\\SACChrom\ChromData\PDA1\20121016-1075.b\NGu Primary.m		
Last Update:	30-Oct-2012 09:03:43	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK034		

First Level Reviewer: noonanr Date: 17-Oct-2012 12:29:43

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.227	4.227	0.0	977	20.7	M

QC Flag Legend

Review Flags
M - Manually Integrated

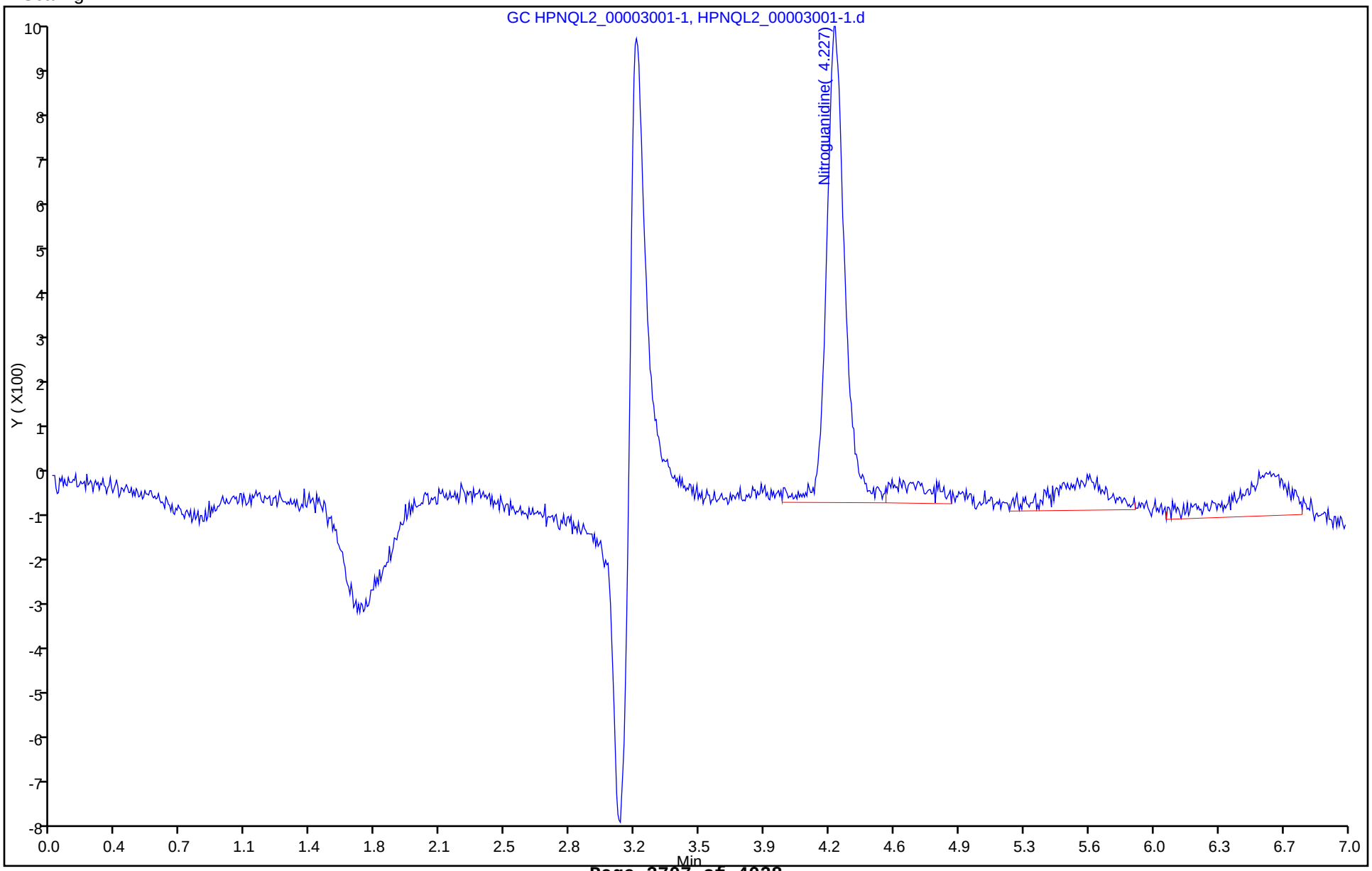
Report Date: 30-Oct-2012 09:03:43 Chrom Revision: 2.1 24-Oct-2012 08:48:06

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL2_00003001-1.d

Injection Date:	17-Oct-2012 11:38:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



Manual Integration/User Assign Peak Report

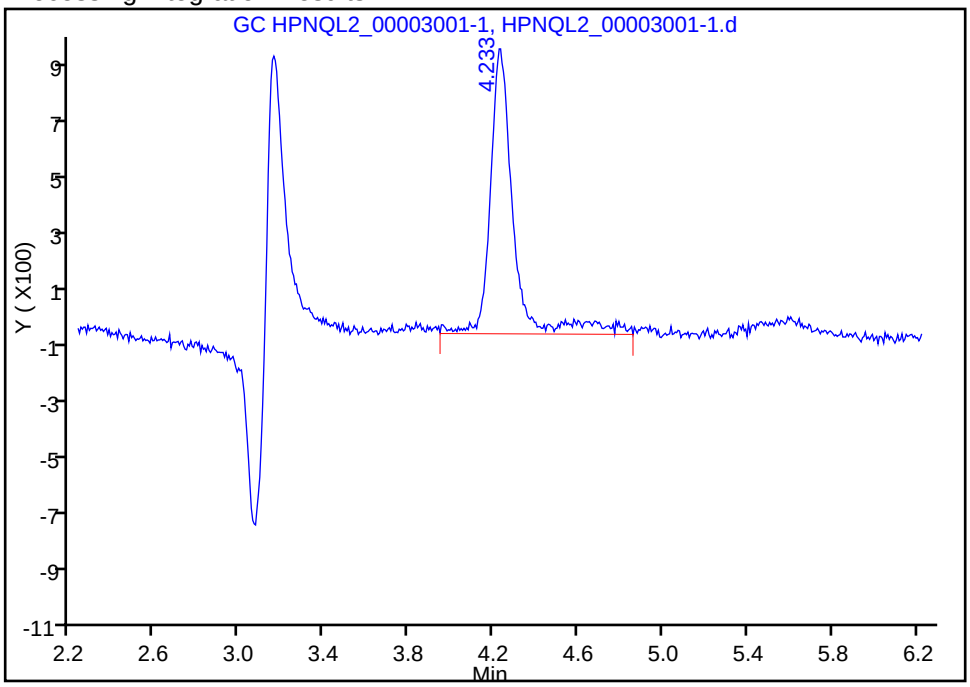
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL2_00003001-1.d		
Injection Date:	17-Oct-2012 11:38:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	4663	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.23

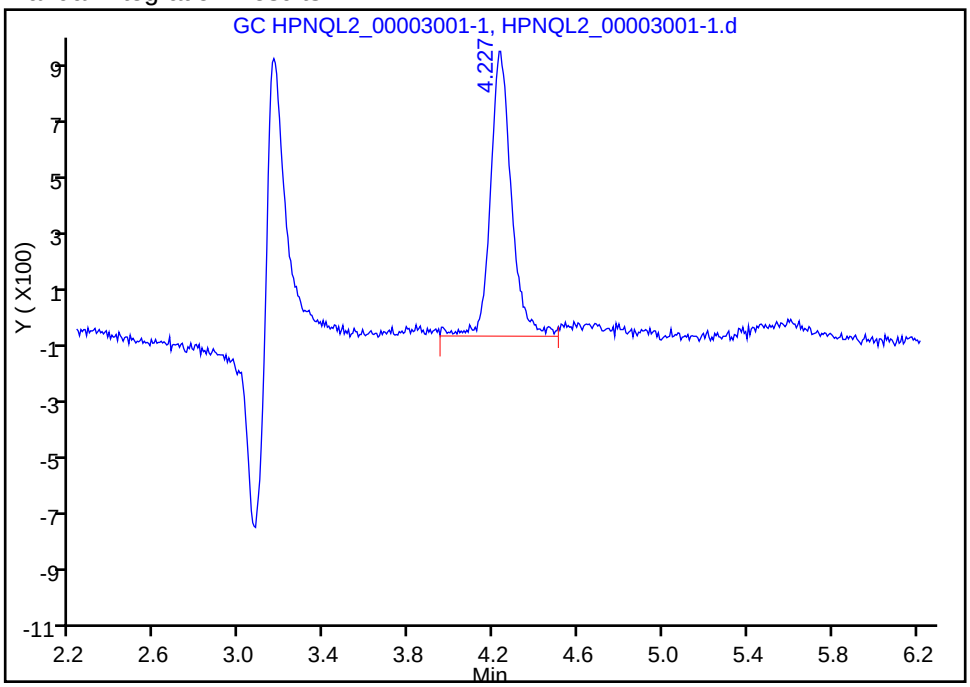
Processing Integration Results

RT: 4.23
Response: 977
Amount: 20.733782



Manual Integration Results

RT: 4.23
Response: 977
Amount: 20.733782



Reviewer: noonanr, 17-Oct-2012 12:29:43
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-6340/3 Calibration Date: 11/26/2012 12:16

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-003-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	50.80		21.6	20.0	7.8	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-6340/3 Calibration Date: 11/26/2012 12:16

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-003-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.31	4.06	4.56

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-003-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	26-Nov-2012 12:16:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001520-003 Analysis		
Misc. Info.:	none MRL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	3
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001520-003-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	26-Nov-2012 12:58:11	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 12:58:11

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.313	4.313	0.0	1016	21.6	

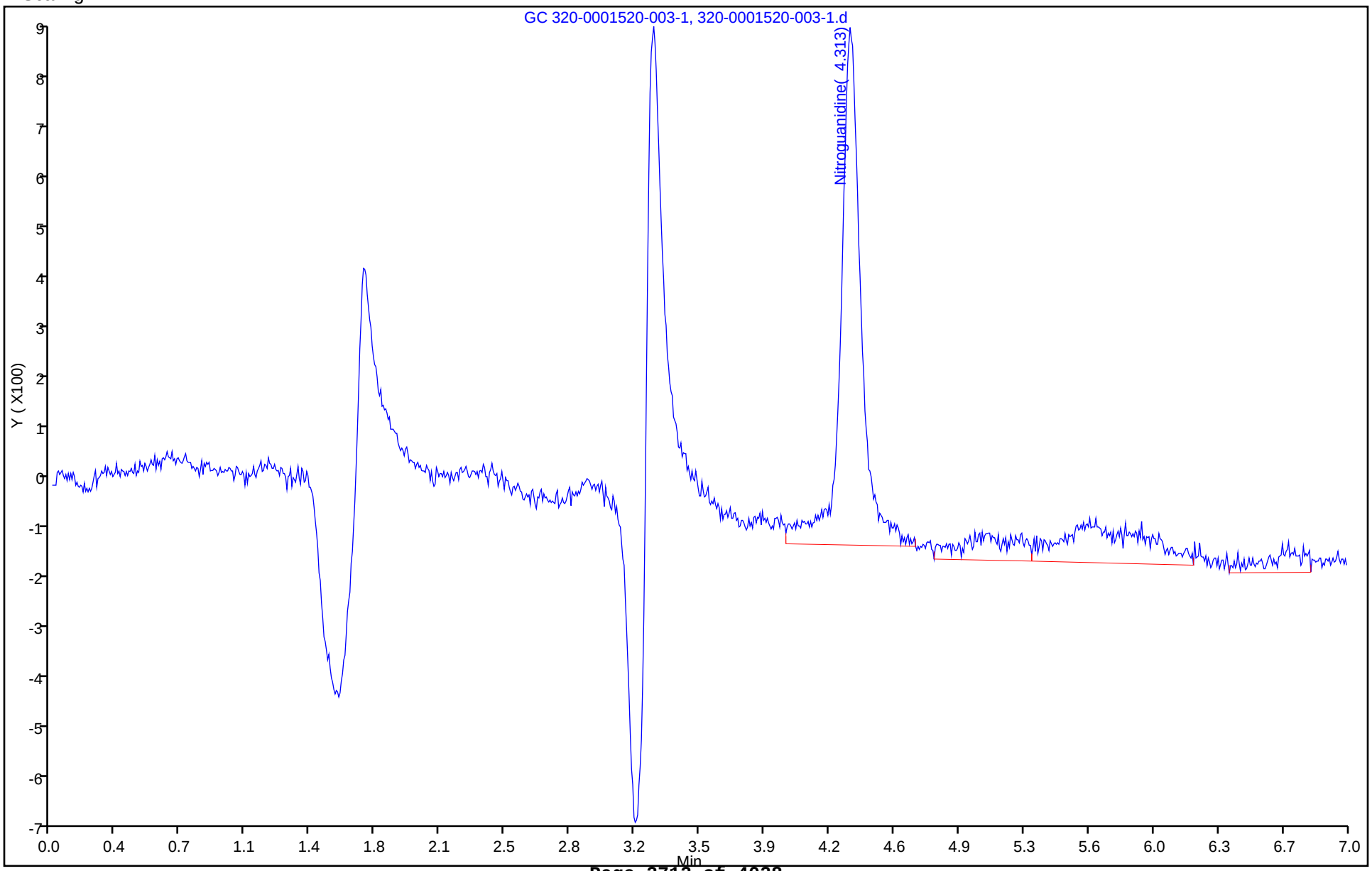
Report Date: 26-Nov-2012 12:58:11 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-003-1.d

Injection Date:	26-Nov-2012 12:16:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 320-6340/4 Calibration Date: 11/26/2012 12:30

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-004-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	48.02		204	200	1.9	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 320-6340/4 Calibration Date: 11/26/2012 12:30

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-004-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.31	4.06	4.56

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-004-1.d		
Lims ID:	ccv 05	Client ID:	
Inject. Date:	26-Nov-2012 12:30:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001520-004 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001520-004-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	26-Nov-2012 12:58:27	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 12:58:27

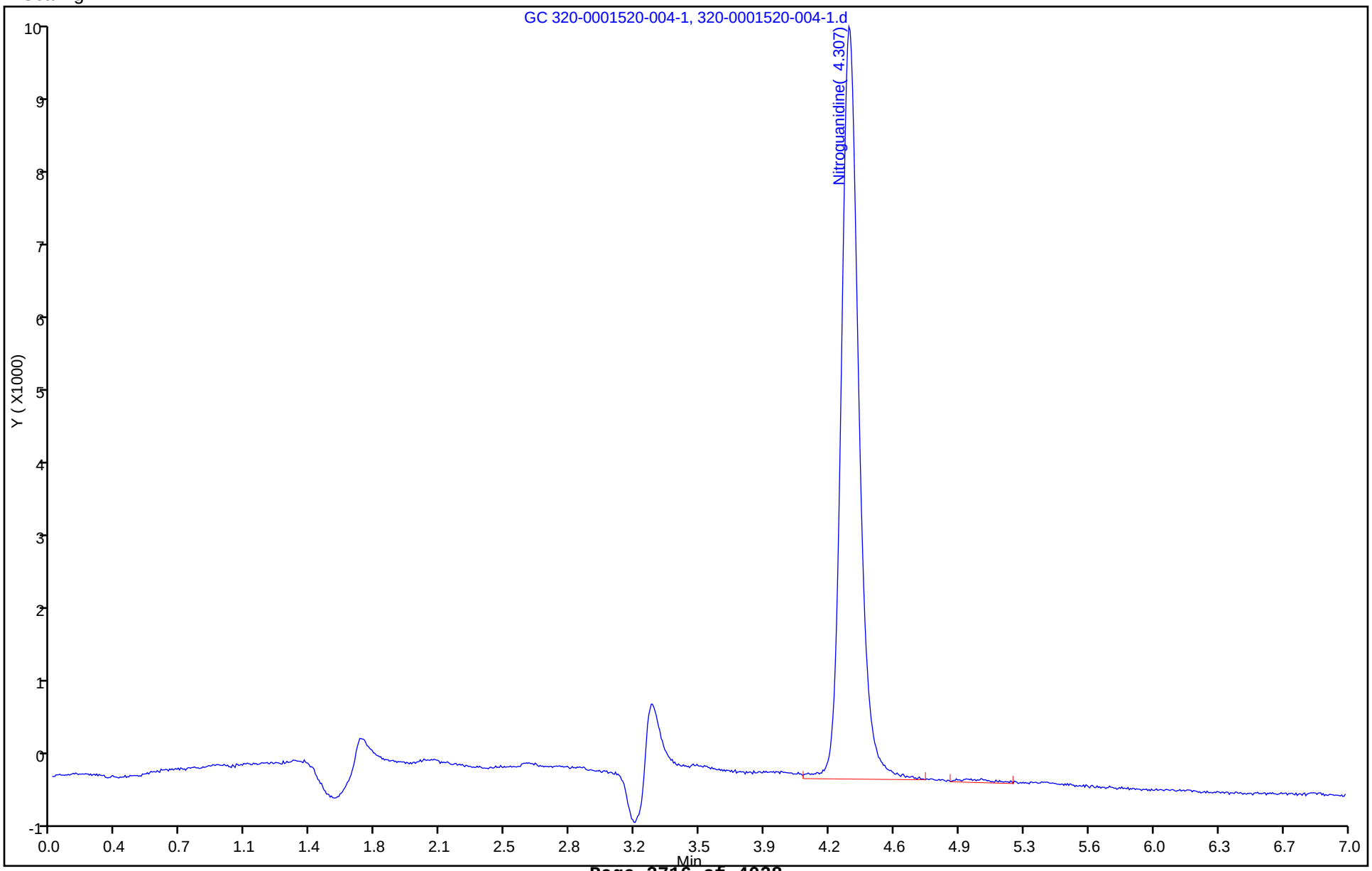
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.307	4.307	0.0	9604	203.8	

Report Date: 26-Nov-2012 12:58:27 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-004-1.d		
Injection Date:	26-Nov-2012 12:30:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 320-6340/14 Calibration Date: 11/26/2012 14:54

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-014-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	47.70		101	100	1.2	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 320-6340/14 Calibration Date: 11/26/2012 14:54

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-014-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.27	4.02	4.52

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-014-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	26-Nov-2012 14:54:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001520-014 Analysis		
Misc. Info.:	none STD04		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	14
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001520-014-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:38:14	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:38:14

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.273	0.0	4770	101.2	

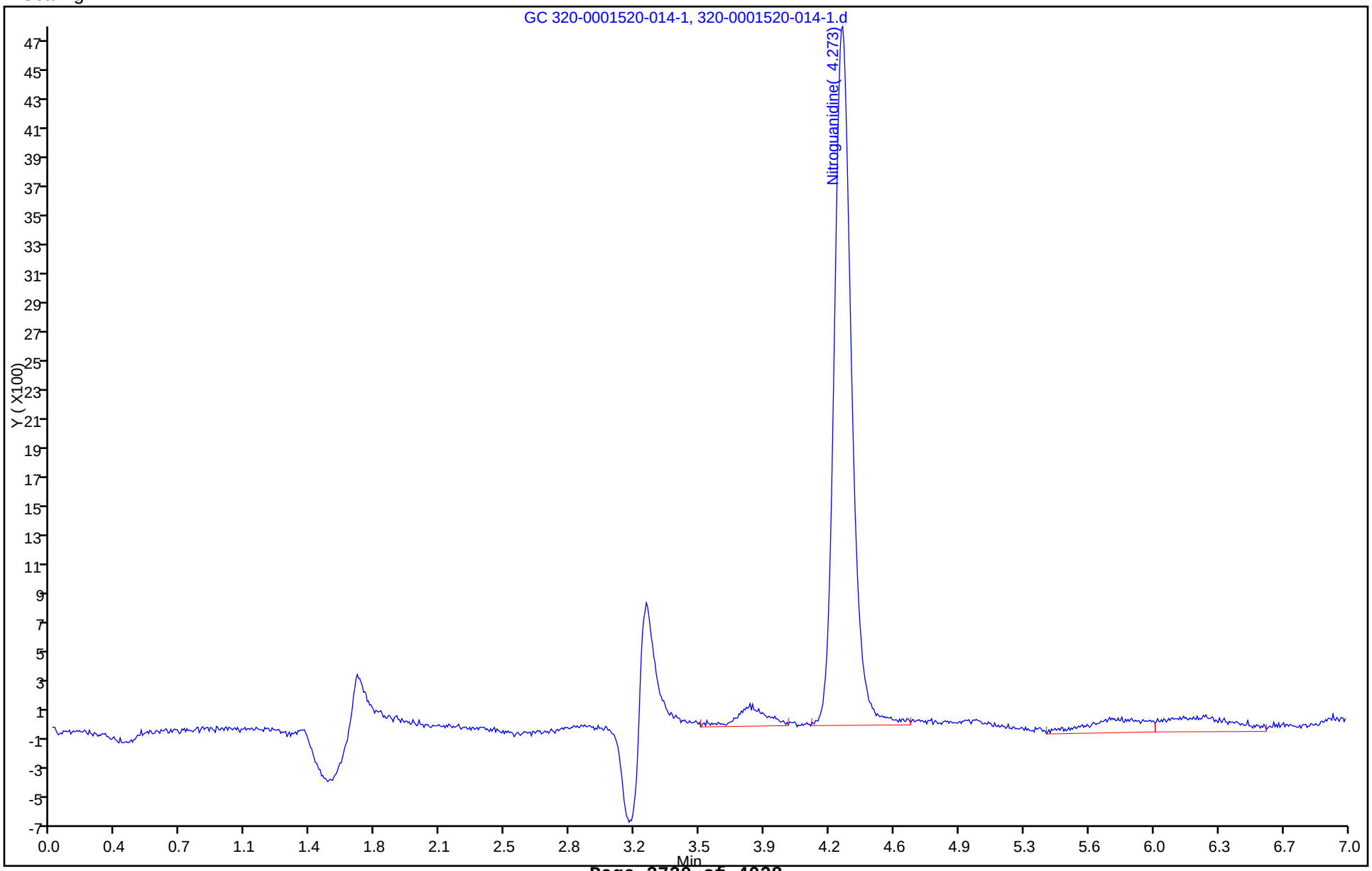
Report Date: 27-Nov-2012 07:38:14 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-014-1.d

Injection Date:	26-Nov-2012 14:54:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	14
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 320-6340/24 Calibration Date: 11/26/2012 17:17

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-024-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	47.70		101	100	1.2	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 320-6340/24 Calibration Date: 11/26/2012 17:17

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-024-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.27	4.02	4.52

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-024-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	26-Nov-2012 17:17:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001520-024 Analysis		
Misc. Info.:	none STD04		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	24
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001520-024-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:54:30	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:54:30

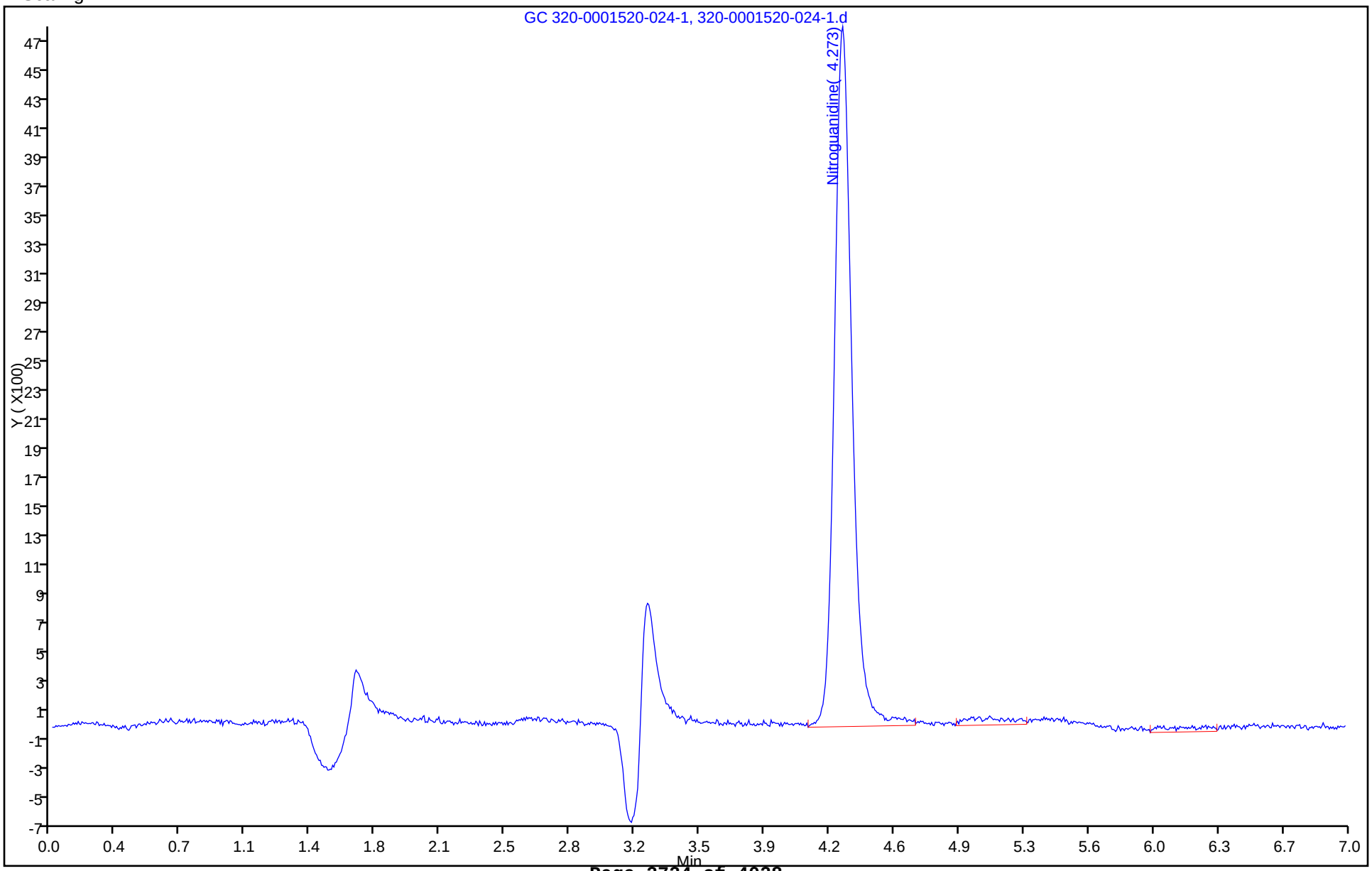
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.273	0.0	4770	101.2	

Report Date: 27-Nov-2012 07:54:30 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-024-1.d		
Injection Date:	26-Nov-2012 17:17:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	24
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 320-6340/32 Calibration Date: 11/26/2012 19:11

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-032-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	47.69		101	100	1.2	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 320-6340/32 Calibration Date: 11/26/2012 19:11

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-032-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.25	4.00	4.50

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-032-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	26-Nov-2012 19:11:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001520-032 Analysis		
Misc. Info.:	none STD04		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	32
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001520-032-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 08:01:40	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 08:01:40

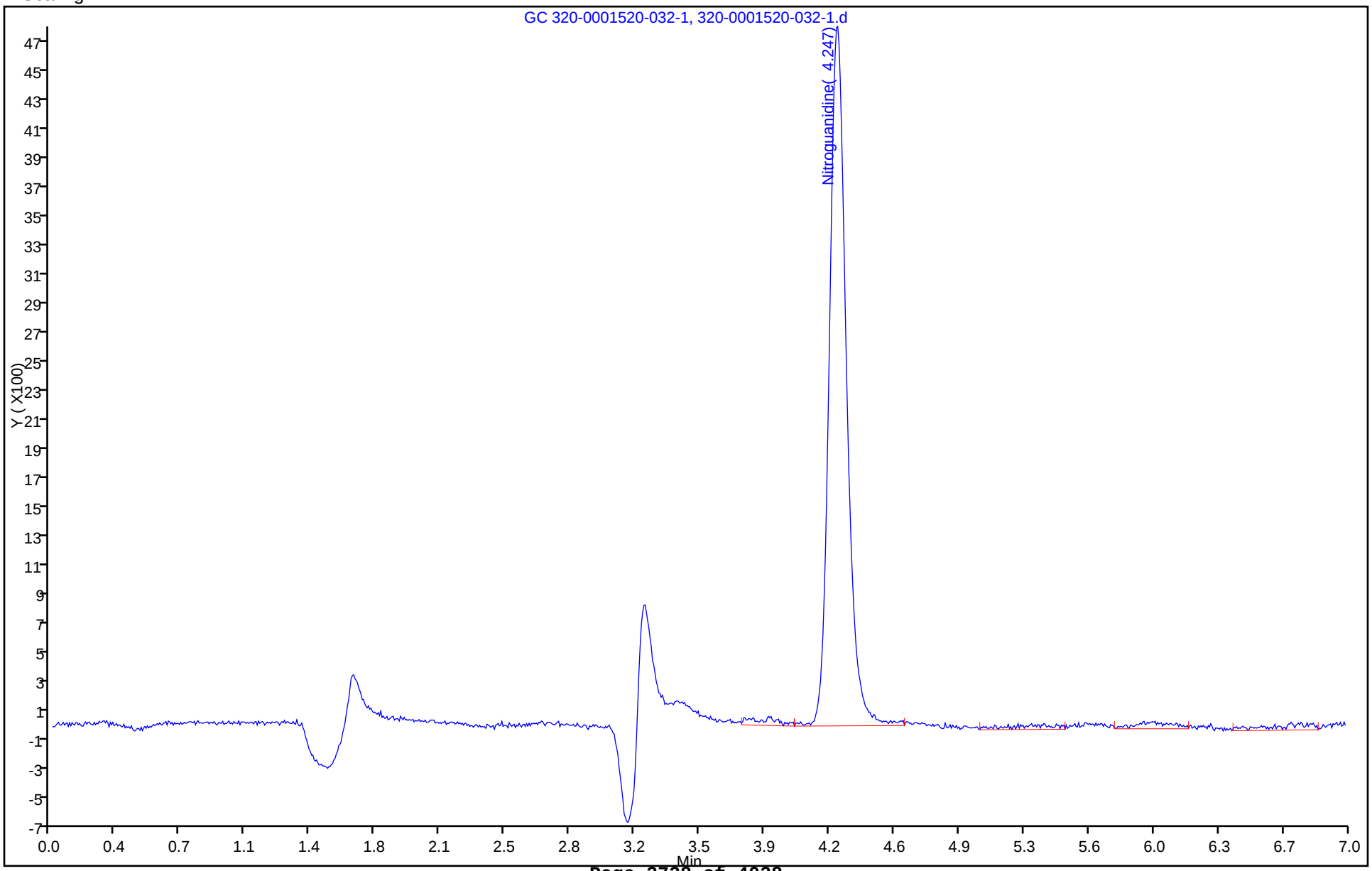
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.247	4.247	0.0	4769	101.2	

Report Date: 27-Nov-2012 08:01:40 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-032-1.d		
Injection Date:	26-Nov-2012 19:11:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	32
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-6340/33 Calibration Date: 11/26/2012 19:26

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-033-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	47.12	48.80		20.7	20.0	3.6	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-6340/33 Calibration Date: 11/26/2012 19:26

Instrument ID: PDA1 Calib Start Date: 10/17/2012 09:29

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 10/17/2012 10:41

Lab File ID: 320-0001520-033-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.24	3.99	4.49

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-033-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	26-Nov-2012 19:26:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001520-033 Analysis		
Misc. Info.:	none MRL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	33
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001520-033-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 08:01:51	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 08:01:51

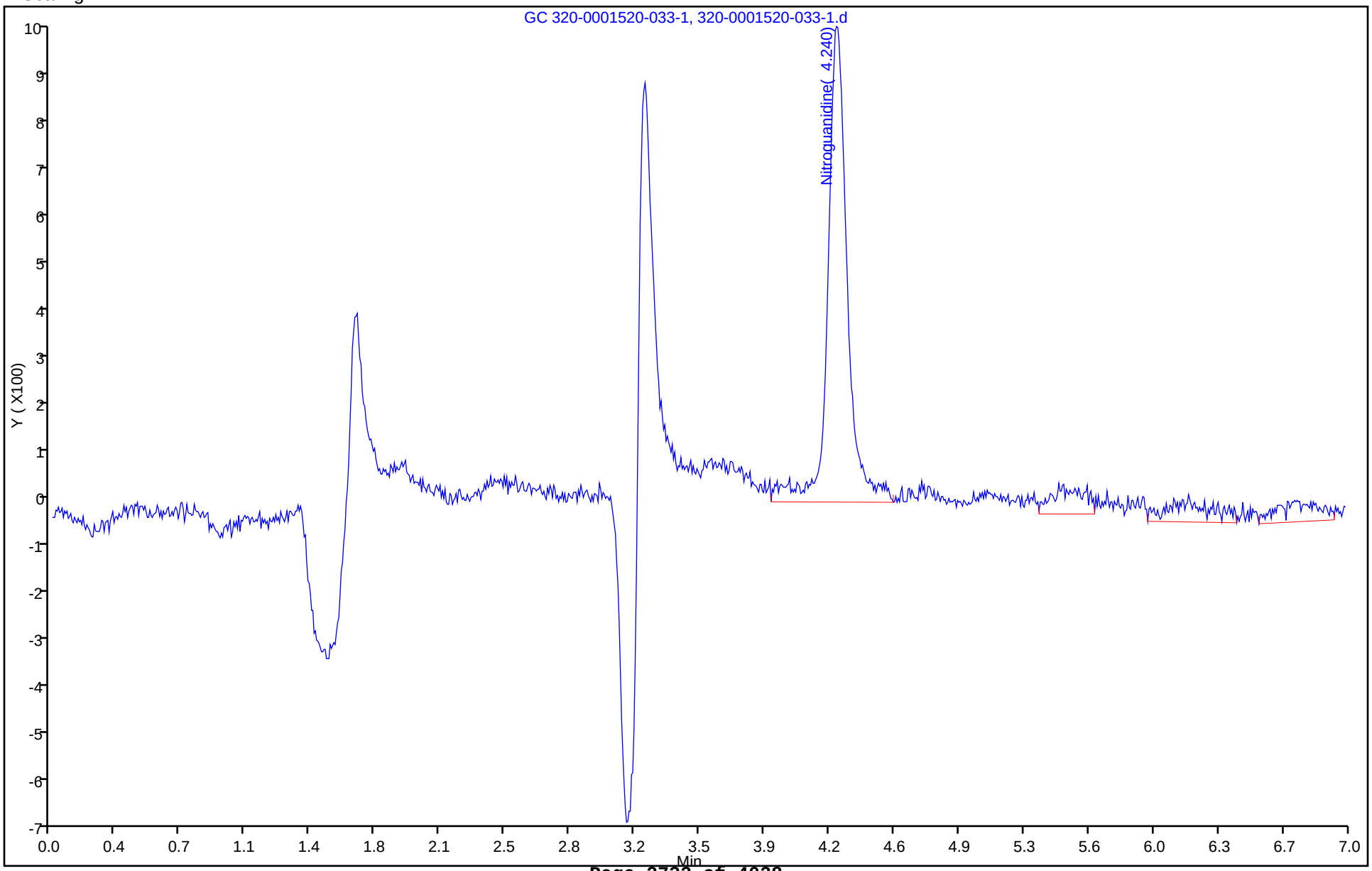
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.240	0.0	976	20.7	

Report Date: 27-Nov-2012 08:01:51 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-033-1.d		
Injection Date:	26-Nov-2012 19:26:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-6035/1-A

Matrix: Solid Lab File ID: 320-0001520-005-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.00(g) Date Analyzed: 11/26/2012 12:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-005-1.d		
Lims ID:	MB 320-6035/1-A	Client ID:	
Inject. Date:	26-Nov-2012 12:45:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001520-005 Analysis		
Misc. Info.:	none MB 320-4385/1-A		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	5
Detector:	GC 320-0001520-005-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	26-Nov-2012 12:58:27	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 12:58:41

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

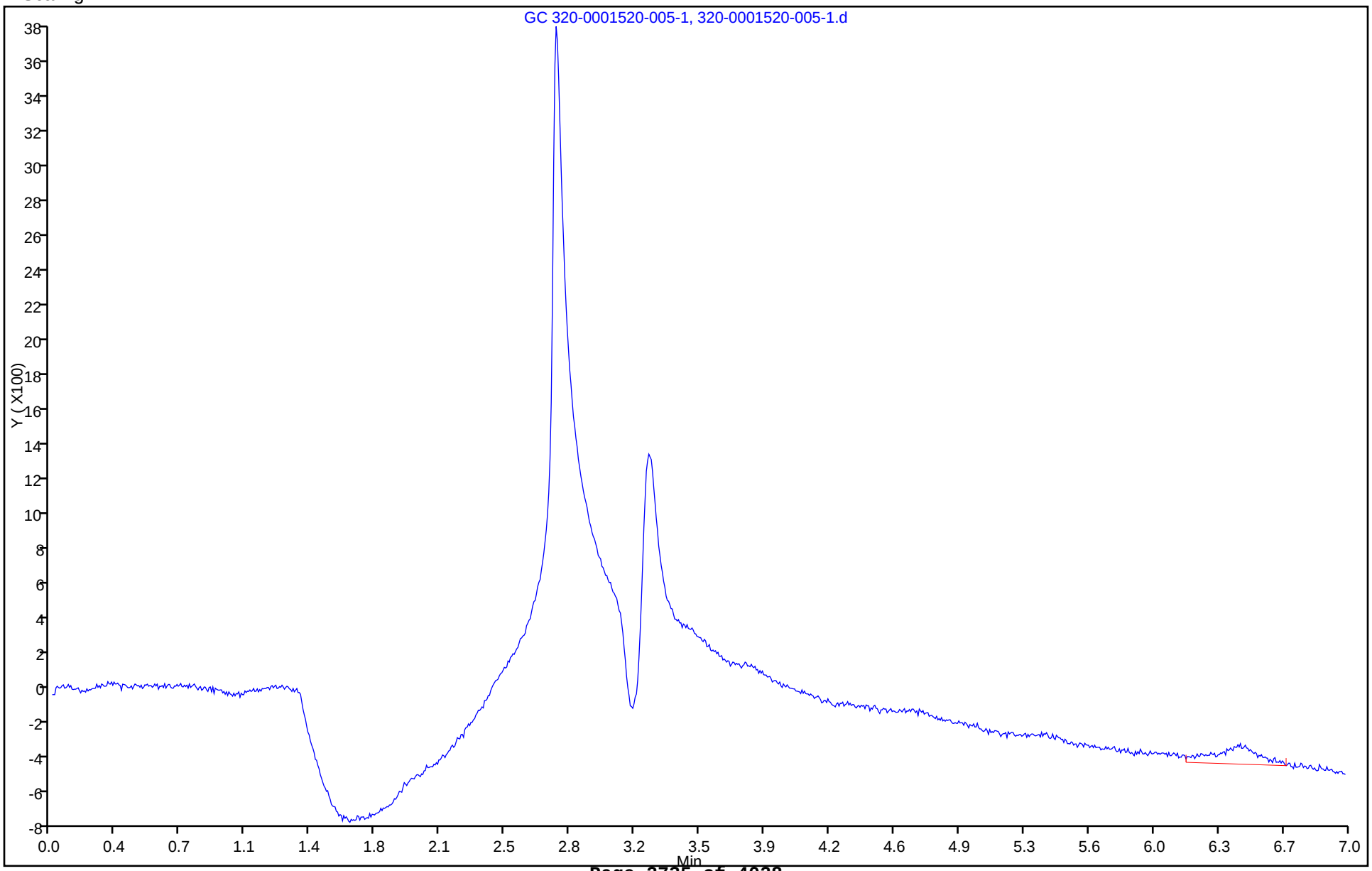
Report Date: 26-Nov-2012 12:58:42 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-005-1.d

Injection Date:	26-Nov-2012 12:45:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-6035/2-A

Matrix: Solid Lab File ID: 320-0001520-006-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.00(g) Date Analyzed: 11/26/2012 12:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.983		0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-006-1.d		
Lims ID:	LCS 320-6035/2-A	Client ID:	
Inject. Date:	26-Nov-2012 12:59:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0001520-006 Analysis		
Misc. Info.:	none LCS 320-4385/2-A		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	6
Detector:	GC 320-0001520-006-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	26-Nov-2012 13:11:42	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 13:11:42

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.293	4.307	-0.014	9266	196.6	

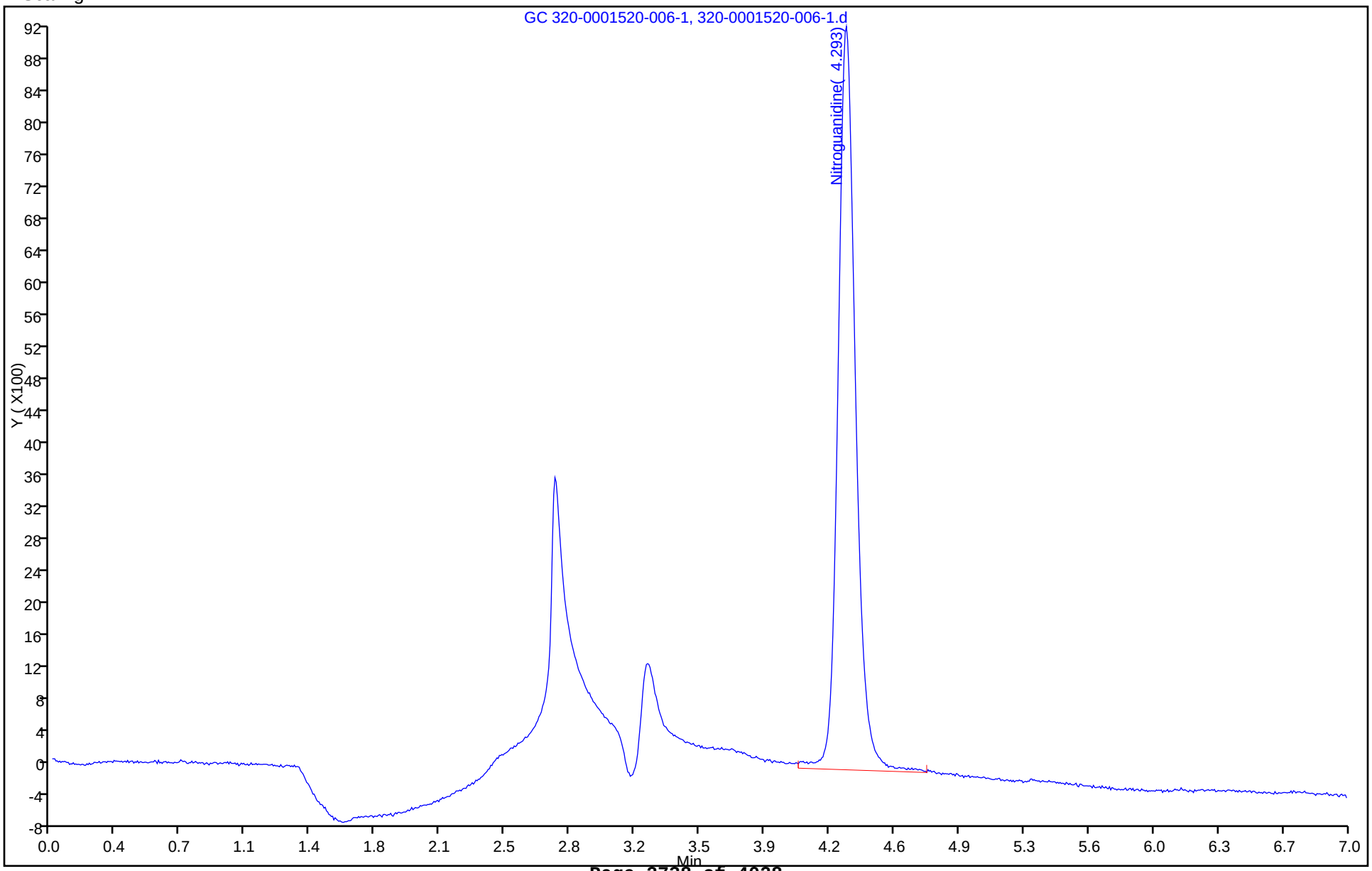
Report Date: 26-Nov-2012 13:11:43 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-006-1.d

Injection Date:	26-Nov-2012 12:59:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-025-1.d

Analysis Method: 8330 Modified Date Collected: 11/07/2012 15:50

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.00(g) Date Analyzed: 11/26/2012 17:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.915	M	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-025-1.d		
Lims ID:	240-17422-P-2-H MS	Client ID:	076SS-0020M-0002-SO
Inject. Date:	26-Nov-2012 17:31:00	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0001520-025 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	25
Detector:	GC 320-0001520-025-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:56:29	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:56:29

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.267	4.273	-0.006	8623	183.0	M

QC Flag Legend

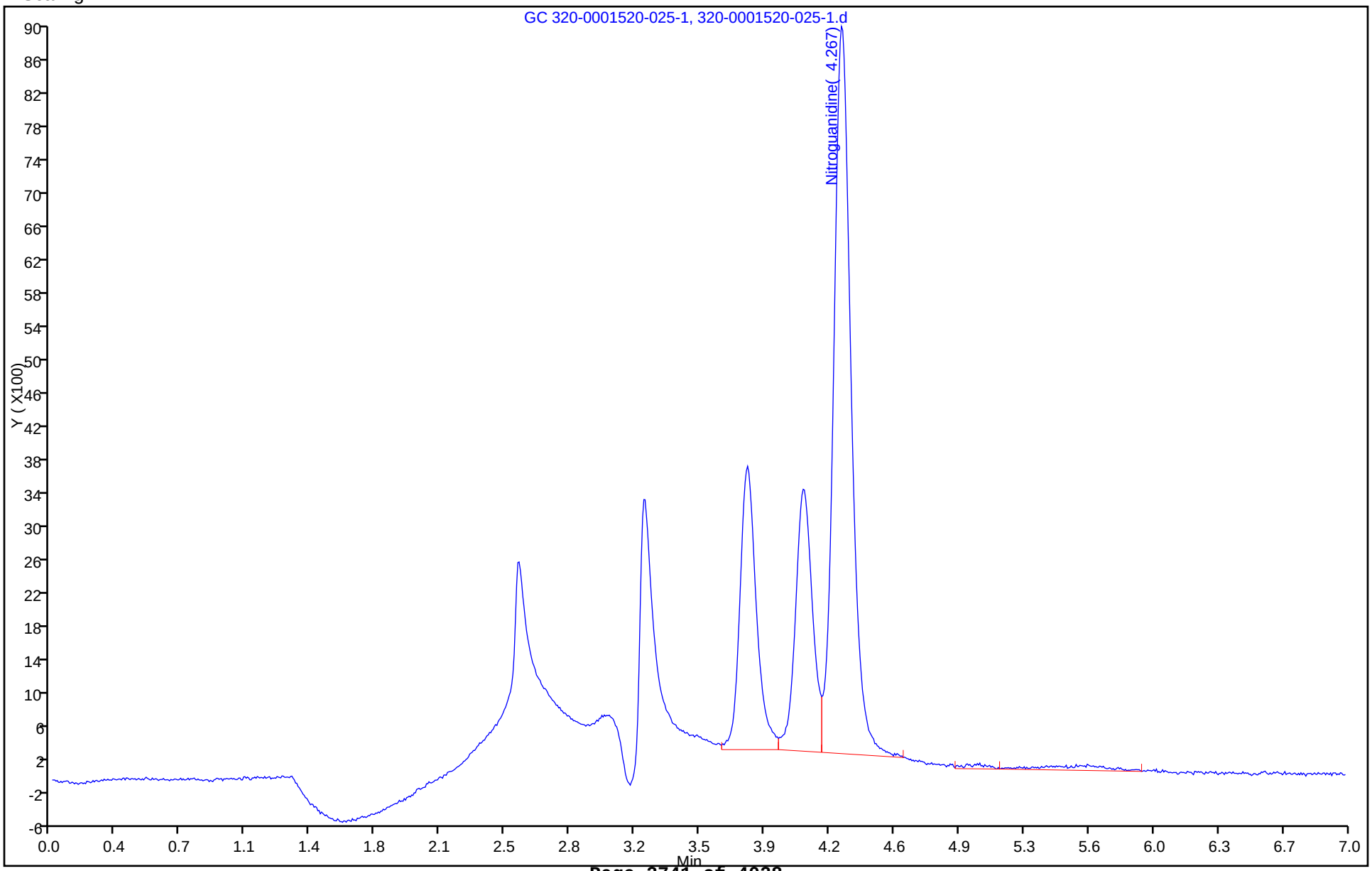
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 07:56:29 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-025-1.d		
Injection Date:	26-Nov-2012 17:31:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	25
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



Report Date: 27-Nov-2012 07:56:29 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

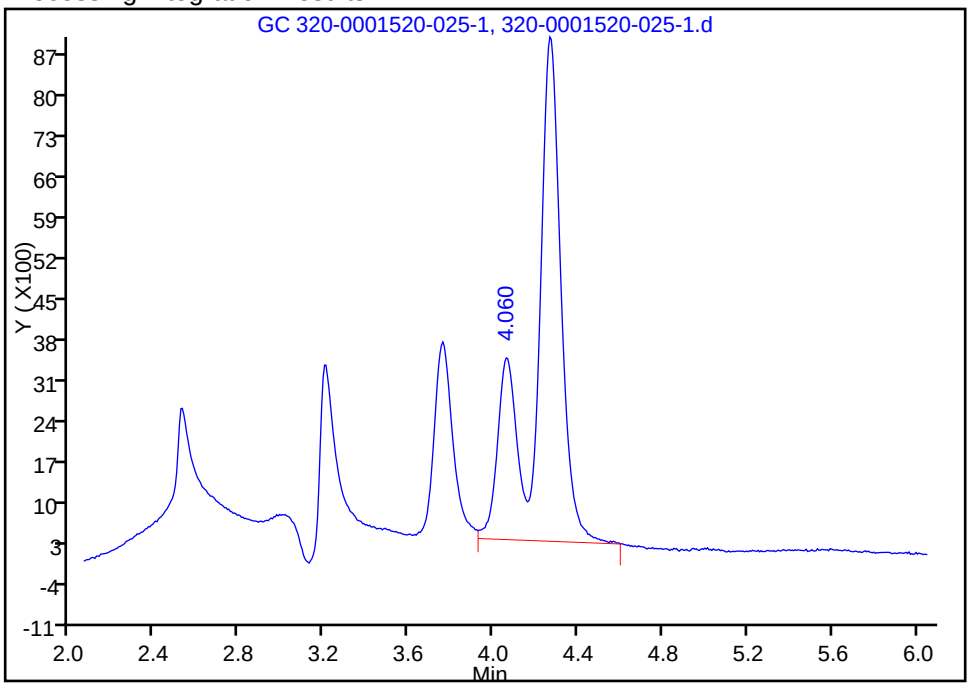
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-025-1.d		
Injection Date:	26-Nov-2012 17:31:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	25
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.27

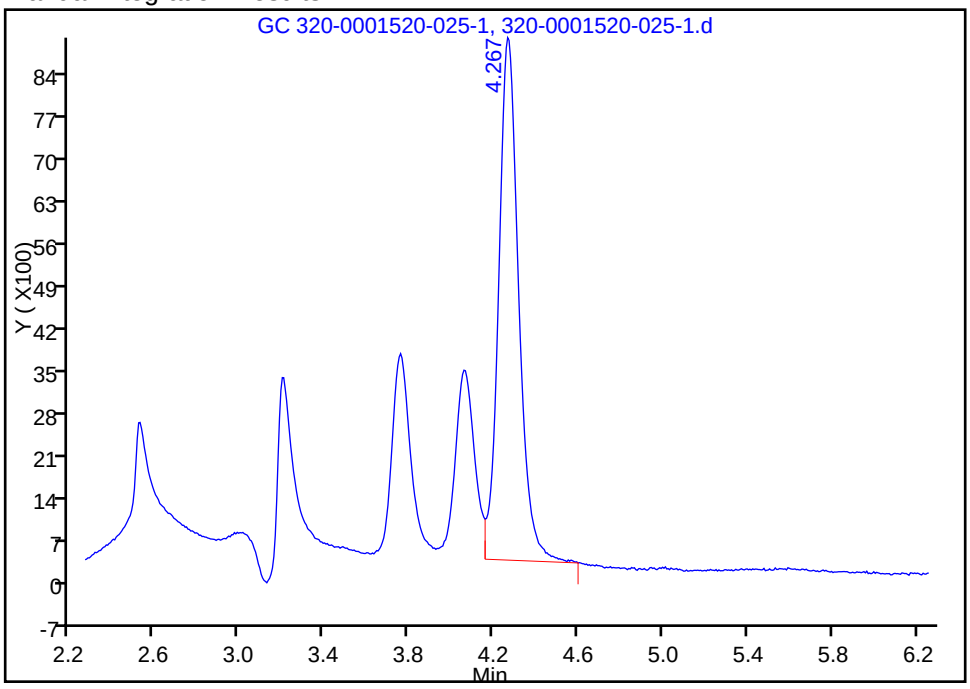
Processing Integration Results

RT: 4.06
Response: 3106
Amount: 65.915176



Manual Integration Results

RT: 4.27
Response: 8623
Amount: 182.9963



Reviewer: noonanr, 27-Nov-2012 07:56:29
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-030-1.d

Analysis Method: 8330 Modified Date Collected: 11/08/2012 11:00

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 1.99(g) Date Analyzed: 11/26/2012 18:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.908		0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-030-1.d		
Lims ID:	240-17422-P-6-H MS	Client ID:	073SS-0003M-0002-SO
Inject. Date:	26-Nov-2012 18:43:00	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0001520-030 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	30
Detector:	GC 320-0001520-030-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:58:59	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:58:59

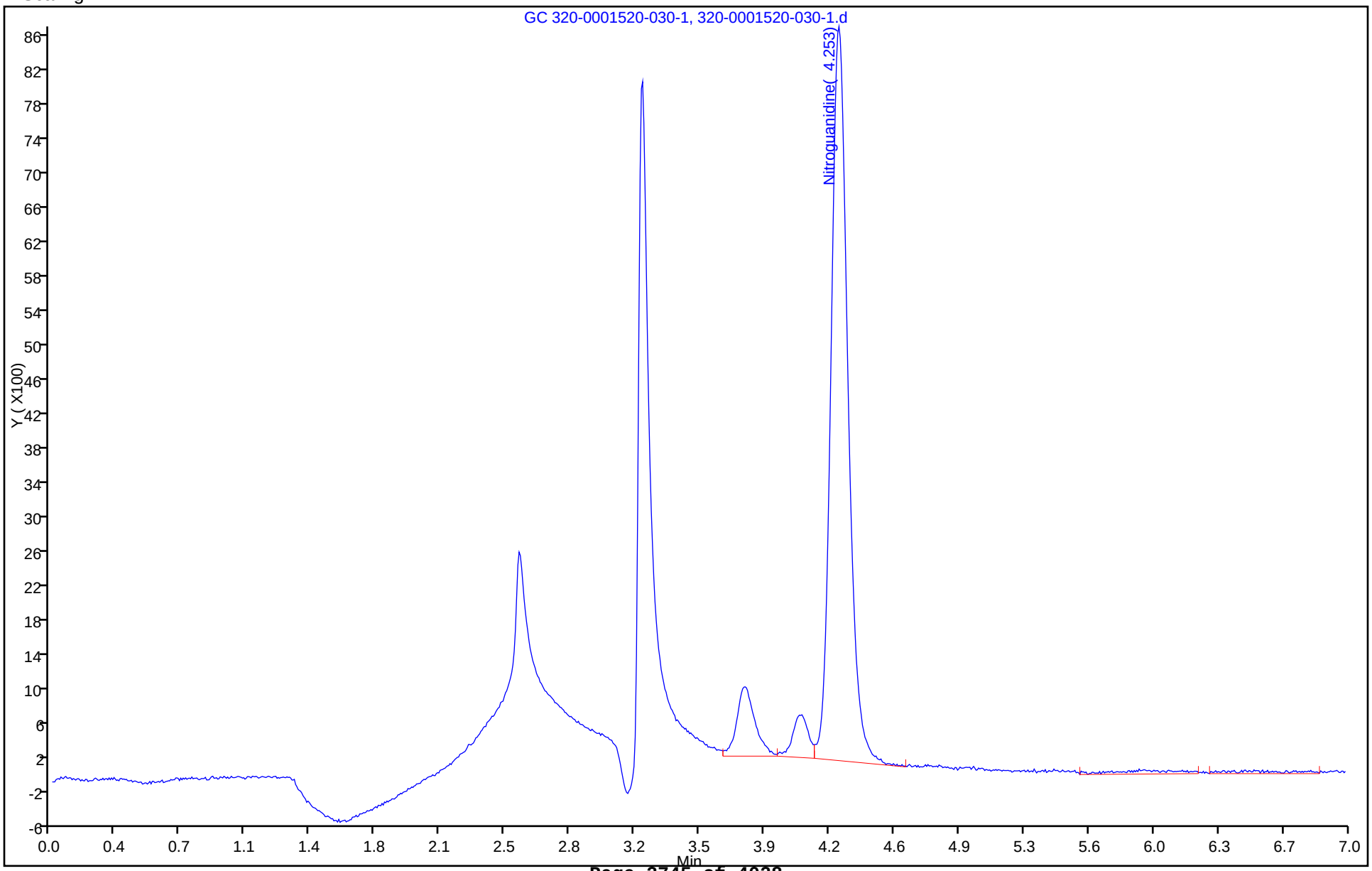
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.273	-0.020	8519	180.8	

Report Date: 27-Nov-2012 07:58:59 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-030-1.d		
Injection Date:	26-Nov-2012 18:43:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	30
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-026-1.d

Analysis Method: 8330 Modified Date Collected: 11/07/2012 15:50

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.08(g) Date Analyzed: 11/26/2012 17:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.881	M	0.24	0.038	0.019

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-026-1.d		
Lims ID:	240-17422-P-2-I MSD	Client ID:	076SS-0020M-0002-SO
Inject. Date:	26-Nov-2012 17:45:00	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0001520-026 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	26
Detector:	GC 320-0001520-026-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 07:57:38	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 07:57:38

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.260	4.273	-0.013	8635	183.3	M

QC Flag Legend

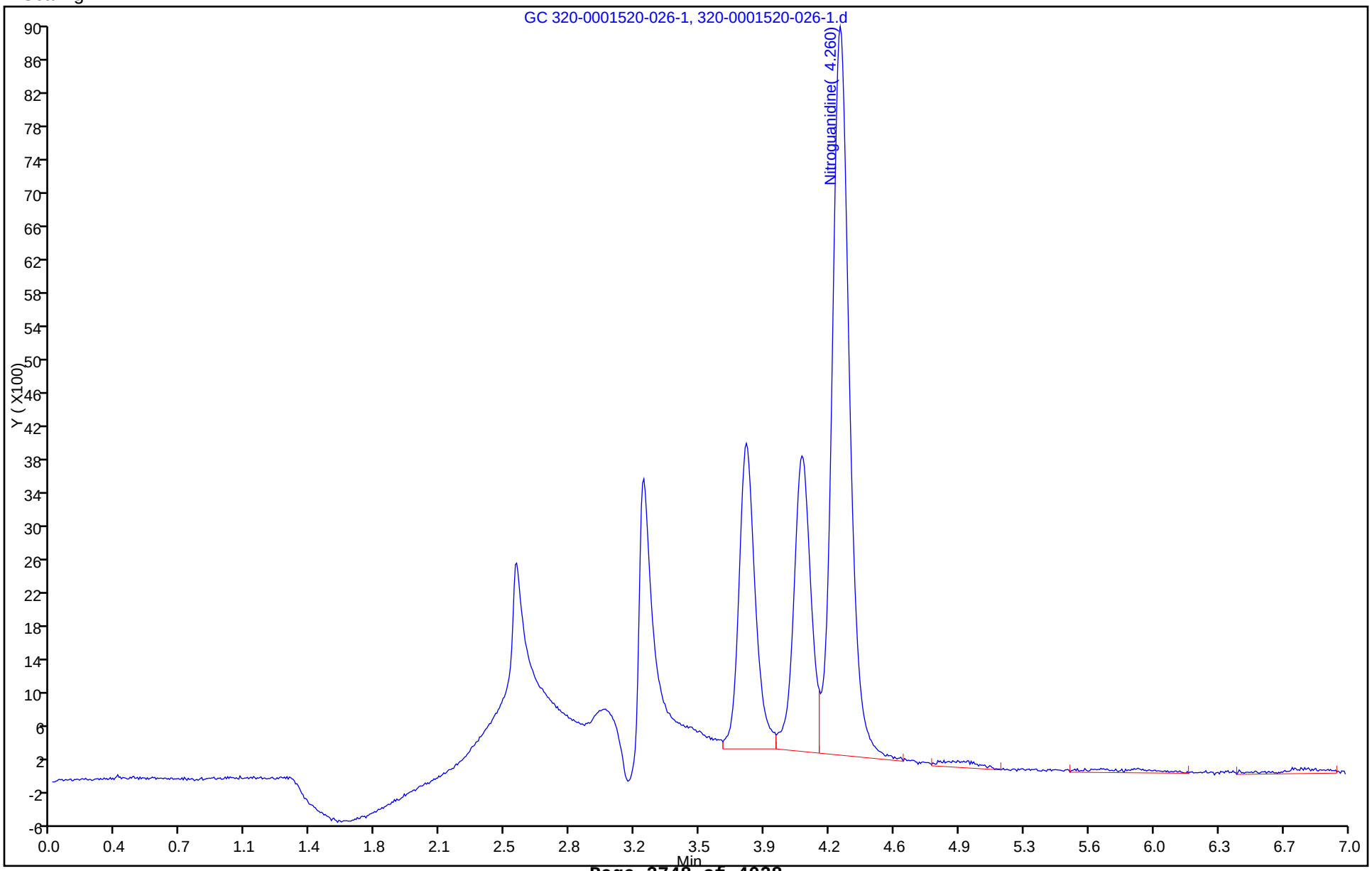
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 07:57:38 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-026-1.d		
Injection Date:	26-Nov-2012 17:45:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	26
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



Manual Integration/User Assign Peak Report

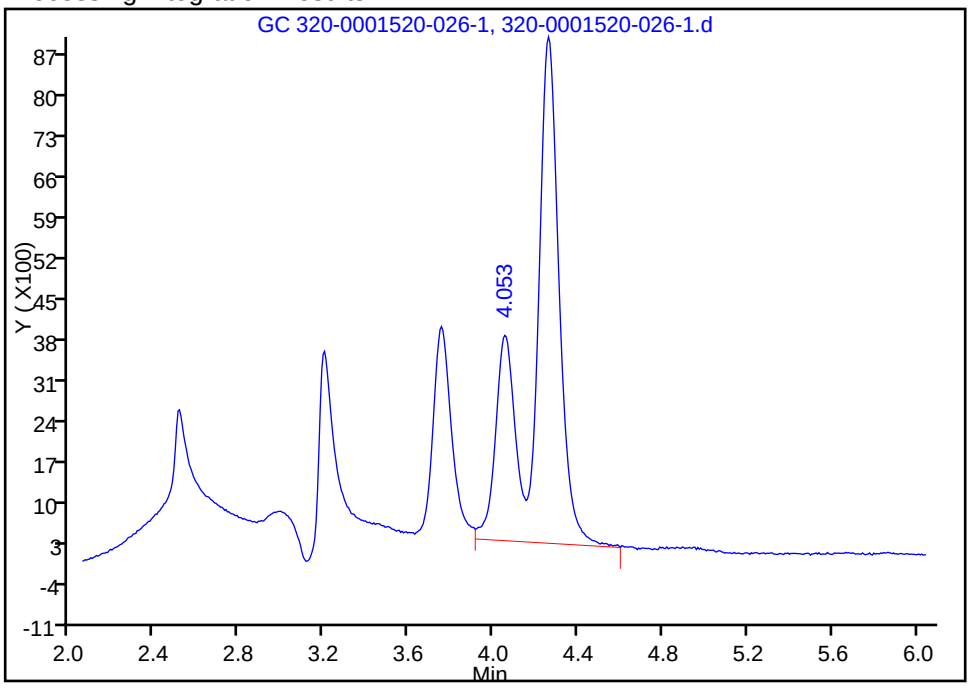
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-026-1.d		
Injection Date:	26-Nov-2012 17:45:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	26
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.27

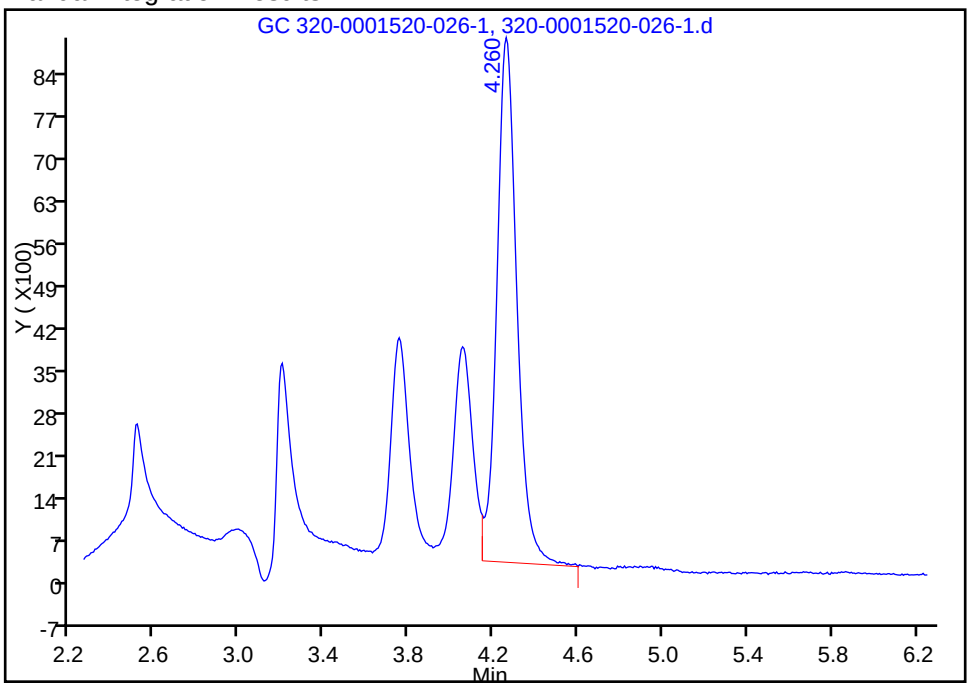
Processing Integration Results

RT: 4.05
Response: 3502
Amount: 74.319043



Manual Integration Results

RT: 4.26
Response: 8635
Amount: 183.2510



Reviewer: noonanr, 27-Nov-2012 07:57:38
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: 320-0001520-031-1.d

Analysis Method: 8330 Modified Date Collected: 11/08/2012 11:00

Extraction Method: Sieve/Ultrasoni Date Extracted: 11/16/2012 11:29

Sample wt/vol: 2.05(g) Date Analyzed: 11/26/2012 18:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6340 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.884		0.24	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-031-1.d		
Lims ID:	240-17422-P-6-I MSD	Client ID:	073SS-0003M-0002-SO
Inject. Date:	26-Nov-2012 18:57:00	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0001520-031 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	6340	Lims Sample ID:	31
Detector:	GC 320-0001520-031-1		
Method:	\\SACChrom\ChromData\PDA1\20121126-1520.b\NGu Primary.m		
Last Update:	27-Nov-2012 08:01:17	Calib Date:	17-Oct-2012 10:41:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121016-1075.b\HPNQL7_00003-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK024		

First Level Reviewer: noonanr Date: 27-Nov-2012 08:01:17

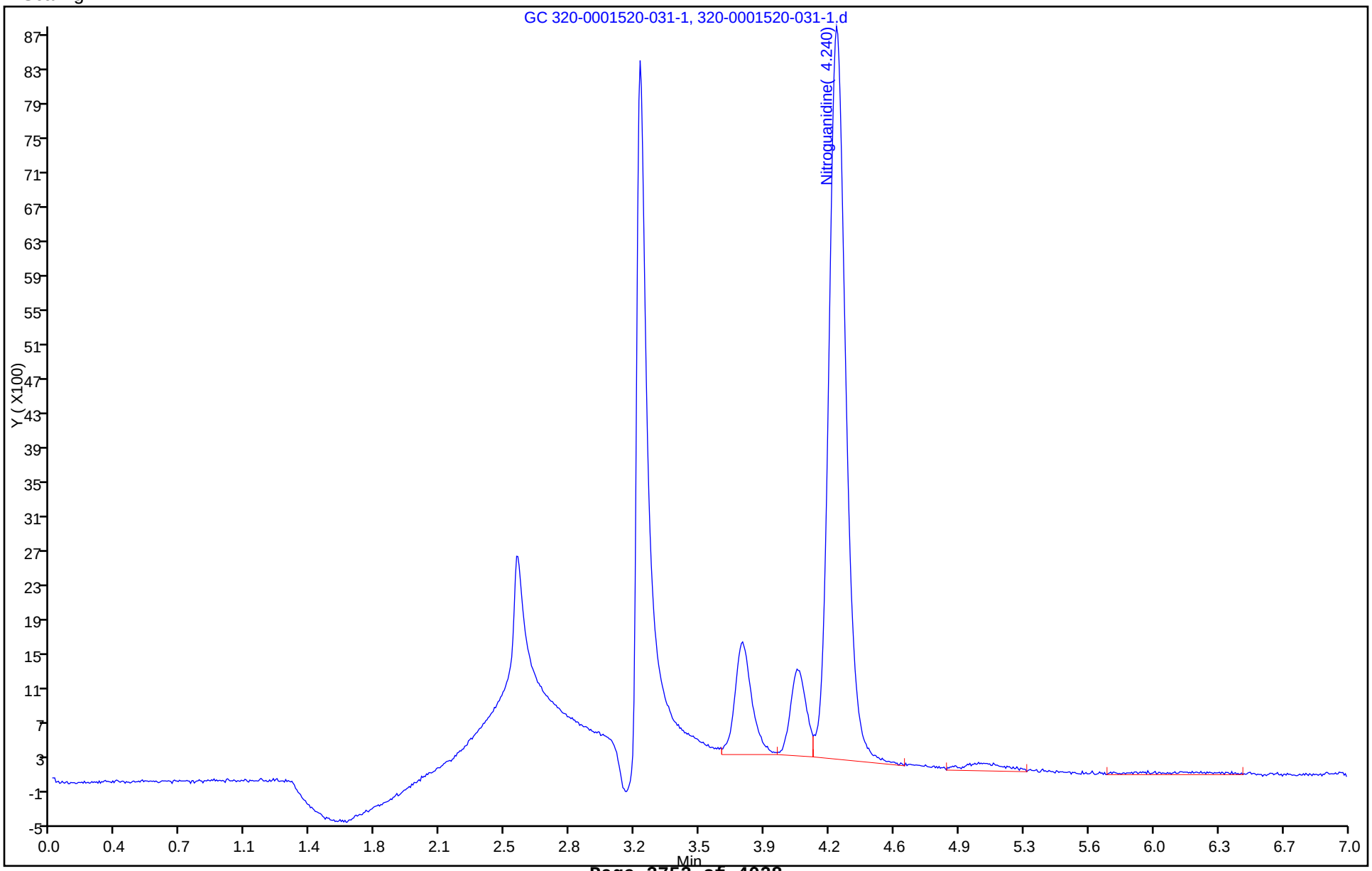
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1	Nitroguanidine					
	4.240	4.273	-0.033	8542	181.3	

Report Date: 27-Nov-2012 08:01:17 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121126-1520.b\320-0001520-031-1.d		
Injection Date:	26-Nov-2012 18:57:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	6340	Lims Sample ID:	31
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



HPLC/IC ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: PDA1 Start Date: 10/17/2012 09:15

Analysis Batch Number: 4663 End Date: 10/17/2012 11:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
EB 320-4663/3 ICB		10/17/2012 09:15	1		Luna NH2 4.6(mm)
STD02 320-4663/4 IC		10/17/2012 09:29	1	HPNQL2_00003-1.d	Luna NH2 4.6(mm)
STD03 320-4663/5 IC		10/17/2012 09:44	1	HPNQL3_00003-1.d	Luna NH2 4.6(mm)
STD04 320-4663/6 IC		10/17/2012 09:58	1	HPNQL4_00003-1.d	Luna NH2 4.6(mm)
STD05 320-4663/7 IC		10/17/2012 10:12	1	HPNQL5_00003-1.d	Luna NH2 4.6(mm)
STD06 320-4663/8 IC		10/17/2012 10:27	1	HPNQL6_00003-1.d	Luna NH2 4.6(mm)
STD07 320-4663/9 IC		10/17/2012 10:41	1	HPNQL7_00003-1.d	Luna NH2 4.6(mm)
EB 320-4663/10 CCB		10/17/2012 10:55	1		
ICV 320-4663/11		10/17/2012 11:10	1	HPNQIC_00002;001-1.d	Luna NH2 4.6(mm)
LODV 320-4663/12		10/17/2012 11:24	1	HPNQ2XM_00002-1.d	Luna NH2 4.6(mm)
CCVL 320-4663/13		10/17/2012 11:38	1	HPNQL2_00003001-1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: PDA1 Start Date: 11/26/2012 12:16

Analysis Batch Number: 6340 End Date: 11/26/2012 19:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVL 320-6340/3		11/26/2012 12:16	1	320-0001520-003 -1.d	Luna NH2 4.6(mm)
CCV 320-6340/4		11/26/2012 12:30	1	320-0001520-004 -1.d	Luna NH2 4.6(mm)
MB 320-6035/1-A		11/26/2012 12:45	1	320-0001520-005 -1.d	Luna NH2 4.6(mm)
LCS 320-6035/2-A		11/26/2012 12:59	1	320-0001520-006 -1.d	Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 13:13	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 13:28	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 13:42	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 13:56	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 14:11	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 14:25	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 14:39	1		Luna NH2 4.6(mm)
CCV 320-6340/14		11/26/2012 14:54	1	320-0001520-014 -1.d	Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 15:08	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 15:22	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 15:37	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 15:51	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 16:05	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 16:19	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 16:34	1		Luna NH2 4.6(mm)
ZZZZZ		11/26/2012 16:48	1		Luna NH2 4.6(mm)
240-17422-2	076SS-0020M-0001-SO	11/26/2012 17:02	1	320-0001520-023 -1.d	Luna NH2 4.6(mm)
CCV 320-6340/24		11/26/2012 17:17	1	320-0001520-024 -1.d	Luna NH2 4.6(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/26/2012 17:31	1	320-0001520-025 -1.d	Luna NH2 4.6(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/26/2012 17:45	1	320-0001520-026 -1.d	Luna NH2 4.6(mm)
240-17422-3	076SS-0021M-0001-SO	11/26/2012 18:00	1	320-0001520-027 -1.d	Luna NH2 4.6(mm)
240-17422-5	073SS-0002M-0001-SO	11/26/2012 18:14	1	320-0001520-028 -1.d	Luna NH2 4.6(mm)
240-17422-6	073SS-0003M-0001-SO	11/26/2012 18:28	1	320-0001520-029 -1.d	Luna NH2 4.6(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/26/2012 18:43	1	320-0001520-030 -1.d	Luna NH2 4.6(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/26/2012 18:57	1	320-0001520-031 -1.d	Luna NH2 4.6(mm)
CCV 320-6340/32		11/26/2012 19:11	1	320-0001520-032 -1.d	Luna NH2 4.6(mm)
CCVL 320-6340/33		11/26/2012 19:26	1	320-0001520-033 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC BATCH WORKSHEET

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

SDG No.:

Batch Number: 6035 Batch Start Date: 11/16/12 11:29 Batch Analyst: Phan, Tuan

Batch Method: Sieve/Ultrasoni Batch End Date: 11/17/12 14:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-6035/1		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL				
LCS 320-6035/2		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL	40 uL			
240-17422-P-2	076SS-0020M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				
240-17422-P-2 MS	076SS-0020M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL	40 uL			
240-17422-P-2 MSD	076SS-0020M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.08 g	10 mL	40 uL			
240-17422-F-3	076SS-0021M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				
240-17422-F-5	073SS-0002M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.03 g	10 mL				
240-17422-P-6	073SS-0003M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.05 g	10 mL				
240-17422-P-6 MS	073SS-0003M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	1.99 g	10 mL	40 uL			
240-17422-P-6 MSD	073SS-0003M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.05 g	10 mL	40 uL			

HPLC/IC BATCH WORKSHEET

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

SDG No.:

Batch Number: 6035 Batch Start Date: 11/16/12 11:29 Batch Analyst: Phan, Tuan

Batch Method: Sieve/Ultrasoni Batch End Date: 11/17/12 14:15

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	CaCl2_00003
Date of Clean up	11-17-12
Analyst performed Clean Up	HA
Filter Lot #	R1DA02309
Filter Type	.45 FILTER MILLIPORE
Person's name who witnessed reagent drop	JR
Blank Sand Lot #	FISHER 120571
Sonication End Date	11-17-12
Sonication Start Date	11-16-12
Sonication Start Time	13:30
Sonication Stop Time	07:30
SOP Number	WS-LC-0010
Maximum Temperature	35 Degrees C
Minimum Temperature	0 Degrees C

Basis	Basis Description
T	Total/NA

Method 8330B

Nitroaromatics and Nitramines (HPLC) by Method 8330B

FORM II
HPLC/IC SURROGATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Synergi C18 ID: 4.6 (mm) GC Column (2): Zorbax CN 4.6 (mm)

Client Sample ID	Lab Sample ID	DNT1 #	DNT2 #
076SS-0020M-0001-SO	240-17422-2	100	
076SS-0020M-0001-SO	240-17422-2		100 M
076SS-0021M-0001-SO	240-17422-3	97	
076SS-0021M-0001-SO	240-17422-3		96 M
073SS-0002M-0001-SO	240-17422-5	98	
073SS-0002M-0001-SO	240-17422-5		121 M Q
073SS-0003M-0001-SO	240-17422-6	96	
073SS-0003M-0001-SO	240-17422-6		120 M Q
	MB 320-6026/1-A	99	
	MB 320-6026/1-A		75 Q
	LCS 320-6026/2-A	99	
076SS-0020M-0001-SO MS	240-17422-2 MS	107	
073SS-0003M-0001-SO MS	240-17422-6 MS	95	
076SS-0020M-0001-SO MSD	240-17422-2 MSD	101	
073SS-0003M-0001-SO MSD	240-17422-6 MSD	98	

	QC LIMITS
DNT = 3,4-Dinitrotoluene	78-118

Column to be used to flag recovery values

FORM II 8330B

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: T-000015.D

Lab ID: LCS 320-6026/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.500	0.494	99	79-119	
4-Amino-2,6-dinitrotoluene	0.500	0.519	104	81-121	
1,3-Dinitrobenzene	0.500	0.508	102	81-121	
2,4-Dinitrotoluene	0.500	0.503	101	79-119	
2,6-Dinitrotoluene	0.500	0.483	97	79-119	
HMX	0.500	0.512	102	80-120	
Nitrobenzene	0.500	0.497	99	80-120	
Nitroglycerin	1.00	0.973	97	76-116	
2-Nitrotoluene	0.500	0.472	94	78-118	
3-Nitrotoluene	0.500	0.493	99	77-117	
4-Nitrotoluene	0.500	0.481	96	78-118	
PETN	1.00	0.995	99	76-116	
RDX	0.500	0.503	101	82-122	
Tetryl	0.500	0.425	85	63-120	
1,3,5-Trinitrobenzene	0.500	0.505	101	81-121	
2,4,6-Trinitrotoluene	0.500	0.421	84	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: T-000035.D

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

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.495	0.050 U	0.502	101	79-119	
4-Amino-2,6-dinitrotoluene	0.495	0.050 U	0.492	99	81-121	
1,3-Dinitrobenzene	0.495	0.050 U	0.505	102	81-121	
2,4-Dinitrotoluene	0.495	0.019 J	0.512	100	79-119	
2,6-Dinitrotoluene	0.495	0.050 U	0.518	105	79-119	
HMX	0.495	0.050 U	0.500	101	80-120	
Nitrobenzene	0.495	0.050 U	0.503	102	80-120	
Nitroglycerin	0.990	0.087 J	0.973	89	76-116	
2-Nitrotoluene	0.495	0.015 J	0.478	94	78-118	M
3-Nitrotoluene	0.495	0.050 U	0.475	96	77-117	M
4-Nitrotoluene	0.495	0.050 U	0.471	95	78-118	M
PETN	0.990	0.25 U	0.996	101	76-116	
RDX	0.495	0.050 U	0.481	97	82-122	
Tetryl	0.495	0.012 J	0.427	84	63-120	
1,3,5-Trinitrobenzene	0.495	0.012 J	0.511	101	81-121	
2,4,6-Trinitrotoluene	0.495	0.050 U	0.425	86	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: T-000040.D

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

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.502	0.050 U	0.491	98	79-119	
4-Amino-2,6-dinitrotoluene	0.502	0.050 U	0.503	100	81-121	
1,3-Dinitrobenzene	0.502	0.050 U	0.511	102	81-121	
2,4-Dinitrotoluene	0.502	0.050 U	0.500	100	79-119	
2,6-Dinitrotoluene	0.502	0.050 U	0.501	100	79-119	
HMX	0.502	0.050 U	0.500	100	80-120	
Nitrobenzene	0.502	0.050 U	0.497	99	80-120	
Nitroglycerin	1.00	0.25 U	0.974	97	76-116	
2-Nitrotoluene	0.502	0.050 U	0.453	90	78-118	M
3-Nitrotoluene	0.502	0.050 U	0.482	96	77-117	
4-Nitrotoluene	0.502	0.050 U	0.471	94	78-118	
PETN	1.00	0.25 U	0.910	91	76-116	M
RDX	0.502	0.050 U	0.475	95	82-122	
Tetryl	0.502	0.024 J	0.382	71	63-120	
1,3,5-Trinitrobenzene	0.502	0.050 U	0.500	100	81-121	
2,4,6-Trinitrotoluene	0.502	0.050 U	0.417	83	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: T-000036.D

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

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.496	0.482	97	4	20	79-119	
4-Amino-2,6-dinitrotoluene	0.496	0.484	98	2	20	81-121	
1,3-Dinitrobenzene	0.496	0.504	102	0	20	81-121	
2,4-Dinitrotoluene	0.496	0.490	95	4	20	79-119	
2,6-Dinitrotoluene	0.496	0.487	98	6	20	79-119	
HMX	0.496	0.492	99	1	20	80-120	
Nitrobenzene	0.496	0.490	99	3	20	80-120	
Nitroglycerin	0.992	0.961	88	1	20	76-116	
2-Nitrotoluene	0.496	0.463	90	3	20	78-118	
3-Nitrotoluene	0.496	0.469	95	1	20	77-117	
4-Nitrotoluene	0.496	0.467	94	1	20	78-118	
PETN	0.992	1.04	105	4	20	76-116	
RDX	0.496	0.471	95	2	20	82-122	
Tetryl	0.496	0.428	84	0	20	63-120	
1,3,5-Trinitrobenzene	0.496	0.590	117	14	20	81-121	
2,4,6-Trinitrotoluene	0.496	0.420	85	1	20	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: T-000041.D

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

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.492	0.473	96	4	20	79-119	
4-Amino-2,6-dinitrotoluene	0.492	0.484	98	4	20	81-121	
1,3-Dinitrobenzene	0.492	0.494	101	3	20	81-121	
2,4-Dinitrotoluene	0.492	0.484	99	3	20	79-119	
2,6-Dinitrotoluene	0.492	0.474	96	6	20	79-119	
HMX	0.492	0.498	101	0	20	80-120	
Nitrobenzene	0.492	0.482	98	3	20	80-120	
Nitroglycerin	0.983	0.955	97	2	20	76-116	
2-Nitrotoluene	0.492	0.465	95	3	20	78-118	
3-Nitrotoluene	0.492	0.480	98	0	20	77-117	
4-Nitrotoluene	0.492	0.465	95	1	20	78-118	
PETN	0.983	0.891	91	2	20	76-116	M
RDX	0.492	0.465	95	2	20	82-122	
Tetryl	0.492	0.364	69	5	20	63-120	
1,3,5-Trinitrobenzene	0.492	0.491	100	2	20	81-121	
2,4,6-Trinitrotoluene	0.492	0.410	83	2	20	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM IV
HPLC/IC METHOD BLANK SUMMARY

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

SDG No.:

Lab Sample ID: MB 320-6026/1-A

Matrix: Solid Date Extracted: 11/16/2012 10:46

Lab File ID:(1) T-000014.D Lab File ID:(2) U000005.D

Date Analyzed:(1) 11/20/2012 22:21 Date Analyzed:(2) 11/21/2012 17:59

Instrument ID:(1) LC10 Instrument ID:(2) LC12

GC Column:(1) Synergi C18 ID: 4.6(mm) GC Column:(2) Zorbax CN ID: 4.6(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 320-6026/2-A	11/20/2012 23:02	
076SS-0020M-0001-SO	240-17422-2	11/21/2012 11:11	11/22/2012 07:05
076SS-0020M-0001-SO MS	240-17422-2 MS	11/21/2012 12:33	
076SS-0020M-0001-SO MSD	240-17422-2 MSD	11/21/2012 13:14	
076SS-0021M-0001-SO	240-17422-3	11/21/2012 13:54	11/22/2012 08:11
073SS-0002M-0001-SO	240-17422-5	11/21/2012 14:34	11/22/2012 09:16
073SS-0003M-0001-SO	240-17422-6	11/21/2012 15:15	11/22/2012 10:22
073SS-0003M-0001-SO MS	240-17422-6 MS	11/21/2012 15:55	
073SS-0003M-0001-SO MSD	240-17422-6 MSD	11/21/2012 16:35	

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: STD06 320-6177/12 Date Analyzed: 11/20/2012 21:01

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): T-000012.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.72		
UPPER LIMIT				16.92		
LOWER LIMIT				16.52		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD06 320-6177/12 CCVRT		11/20/2012 21:01	T-000012.D	16.72		
CCVL 320-6177/13		11/20/2012 21:41	T-000013.D	16.73		
MB 320-6026/1-A		11/20/2012 22:21	T-000014.D	16.72		
LCS 320-6026/2-A		11/20/2012 23:02	T-000015.D	16.71		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: STD06 320-6177/24 Date Analyzed: 11/21/2012 05:06

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): T-000024.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.70		
UPPER LIMIT				16.90		
LOWER LIMIT				16.50		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD06 320-6177/24 CCVRT		11/21/2012 05:06	T-000024.D	16.70		
240-17422-2	076SS-0020M-0001-SO	11/21/2012 11:11	T-000033.D	16.73		
CCVL 320-6177/43		11/21/2012 17:56	T-000043.D	16.67		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: STD06 320-6177/34 Date Analyzed: 11/21/2012 11:51

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): T-000034.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.68		
UPPER LIMIT				16.88		
LOWER LIMIT				16.48		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD06 320-6177/34 CCVRT		11/21/2012 11:51	T-000034.D	16.68		
240-17422-2 MS	076SS-0020M-0001-SO MS	11/21/2012 12:33	T-000035.D	16.67		
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/21/2012 13:14	T-000036.D	16.74		
240-17422-3	076SS-0021M-0001-SO	11/21/2012 13:54	T-000037.D	16.69		
240-17422-5	073SS-0002M-0001-SO	11/21/2012 14:34	T-000038.D	16.70		
240-17422-6	073SS-0003M-0001-SO	11/21/2012 15:15	T-000039.D	16.66		
240-17422-6 MS	073SS-0003M-0001-SO MS	11/21/2012 15:55	T-000040.D	16.70		
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/21/2012 16:35	T-000041.D	16.72		
CCVL 320-6177/43		11/21/2012 17:56	T-000043.D	16.67		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: STD06 320-6177/42 Date Analyzed: 11/21/2012 17:16

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): T-000042.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.67		
UPPER LIMIT				16.87		
LOWER LIMIT				16.47		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD06 320-6177/42 CCVRT		11/21/2012 17:16	T-000042.D	16.67		
CCVL 320-6177/43		11/21/2012 17:56	T-000043.D	16.67		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: STD5 320-6234/3 Date Analyzed: 11/21/2012 15:48

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): U000003.D Heated Purge: (Y/N) N

Calibration ID: 1330

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				36.50		
UPPER LIMIT				36.70		
LOWER LIMIT				36.30		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD5 320-6234/3 CCVRT		11/21/2012 15:48	U000003.D	36.50		
CCVL 320-6234/4		11/21/2012 16:53	U000004.D	36.36		
MB 320-6026/1-A		11/21/2012 17:59	U000005.D	36.32		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: STD6 320-6234/14 Date Analyzed: 11/22/2012 03:49

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): U000014.D Heated Purge: (Y/N) N

Calibration ID: 1330

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				36.43		
UPPER LIMIT				36.63		
LOWER LIMIT				36.23		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD6 320-6234/14 CCVRT		11/22/2012 03:49	U000014.D	36.43		
240-17422-2	076SS-0020M-0001-SO	11/22/2012 07:05	U000017.D	36.43		
240-17422-3	076SS-0021M-0001-SO	11/22/2012 08:11	U000018.D	36.35		
240-17422-5	073SS-0002M-0001-SO	11/22/2012 09:16	U000019.D	36.02 *		
240-17422-6	073SS-0003M-0001-SO	11/22/2012 10:22	U000020.D	36.45		
CCVL 320-6234/21		11/22/2012 11:27	U000021.D	36.21 *		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

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

Instrument ID (1): LC10 Instrument ID (2): LC12

Date Analyzed (1): 11/21/2012 11:11 Date Analyzed (2): 11/22/2012 07:05

GC Column (1): Synergi C18 ID: 4.6(mm) GC Column (2): Zorbax CN ID: 4.6(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
Tetryl	1		13.66	13.39	13.89	0.041		108.8
	2		45.17	44.95	45.45	0.012		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

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

Instrument ID (1): LC10 Instrument ID (2): LC12

Date Analyzed (1): 11/21/2012 13:54 Date Analyzed (2): 11/22/2012 08:11

GC Column (1): Synergi C18 ID: 4.6(mm) GC Column (2): Zorbax CN ID: 4.6(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
Tetryl	1		13.60	13.34	13.84	0.030		102.0
	2		45.21	44.95	45.45	0.0097		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

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

Instrument ID (1): LC10 Instrument ID (2): LC12

Date Analyzed (1): 11/21/2012 14:34 Date Analyzed (2): 11/22/2012 09:16

GC Column (1): Synergi C18 ID: 4.6(mm) GC Column (2): Zorbax CN ID: 4.6(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
Tetryl	1		13.56	13.34	13.84	0.016		110.1
	2		44.89	44.88	45.38	0.054		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

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

Instrument ID (1): LC10 Instrument ID (2): LC12

Date Analyzed (1): 11/21/2012 15:15 Date Analyzed (2): 11/22/2012 10:22

GC Column (1): Synergi C18 ID: 4.6(mm) GC Column (2): Zorbax CN ID: 4.6(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
Tetryl	1		13.48	13.34	13.84	0.024		30.8
	2		45.27	44.95	45.45	0.032		

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000033.D

Analysis Method: 8330B Date Collected: 11/07/2012 15:50

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 9.99(g) Date Analyzed: 11/21/2012 11:11

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.041	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	100		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000033.D		
Lims ID:	240-17422-P-2-D	Client ID:	076SS-0020M-0001-SO
Inject. Date:	21-Nov-2012 11:11:15	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001479-033		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	39
Lims Batch ID:	6177	Lims Sample ID:	33
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	21-Nov-2012 12:50:31	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK006		

First Level Reviewer: noonanr Date: 21-Nov-2012 12:50:31

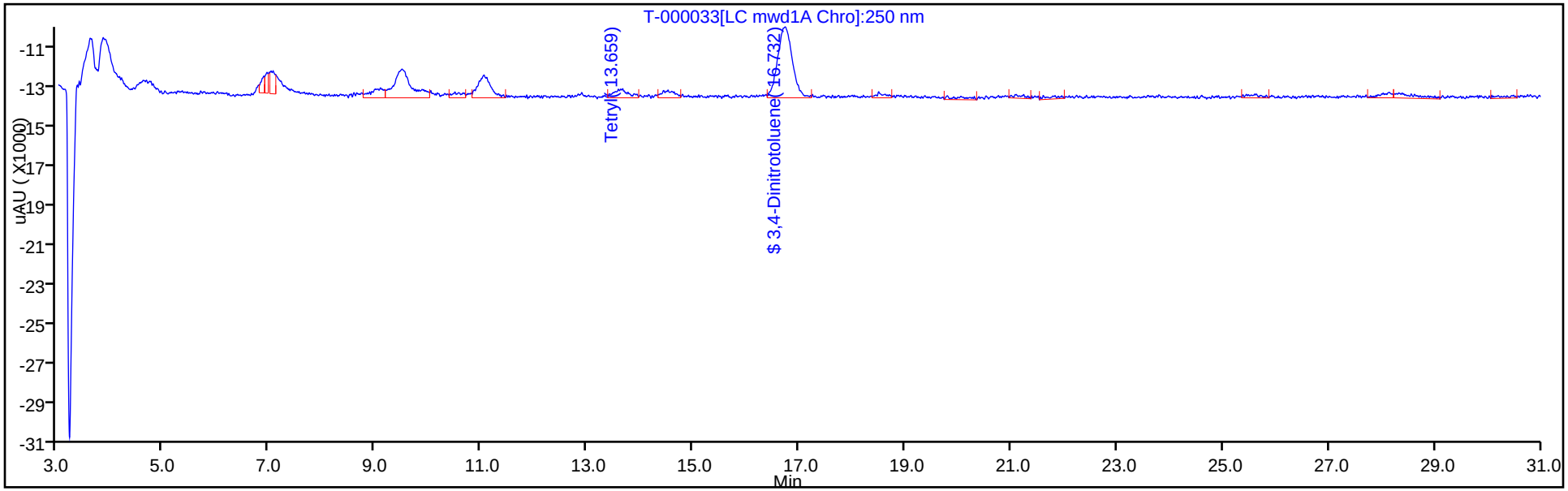
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
20 Tetryl						
1	13.659	13.635	0.024	448	5.18	
$ 30 3,4-Dinitrotoluene						
1	16.732	16.702	0.030	3536	62.8	
2	16.736	16.708	0.028	6597	63.9	

Report Date: 21-Nov-2012 12:50:31 Chrom Revision: 2.1 14-Nov-2012 09:16:24

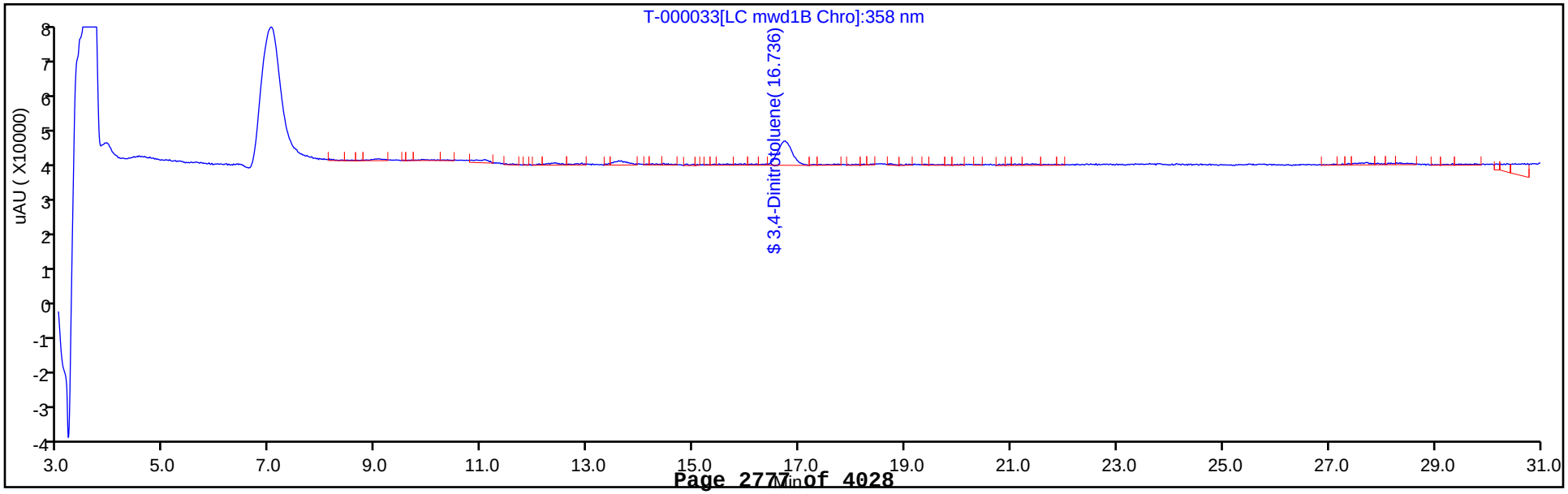
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000033.D		
Injection Date:	21-Nov-2012 11:11:15	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: U000017.D

Analysis Method: 8330B Date Collected: 11/07/2012 15:50

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 9.99(g) Date Analyzed: 11/22/2012 07:05

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6234 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	100	*M*	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000017.D		
Lims ID:	240-17422-P-2-D	Client ID:	076SS-0020M-0001-SO
Inject. Date:	22-Nov-2012 07:05:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001492-017		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	22
Lims Batch ID:	6234	Lims Sample ID:	17
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 09:23:33	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 09:23:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						
1	25.549	25.723	-0.174	117	1.49	
16 o-Nitrotoluene						
1	27.479	27.550	-0.071	115	1.89	
15 p-Nitrotoluene						
1	27.479	27.550	-0.071	115	1.89	
23 2,4-Dinitrotoluene						
1	30.866	31.010	-0.144	220	2.39	
$ 30 3,4-Dinitrotoluene						M
1	36.429	36.427	0.002	3008	62.3	M
25 2,4,6-Trinitrotoluene						
1	38.326	38.197	0.129	142	1.92	
7 Nitroglycerin						
2	43.036	43.253	-0.217	943	10.9	
20 Tetryl						M
1	45.166	45.203	-0.037	179	1.53	M

QC Flag Legend

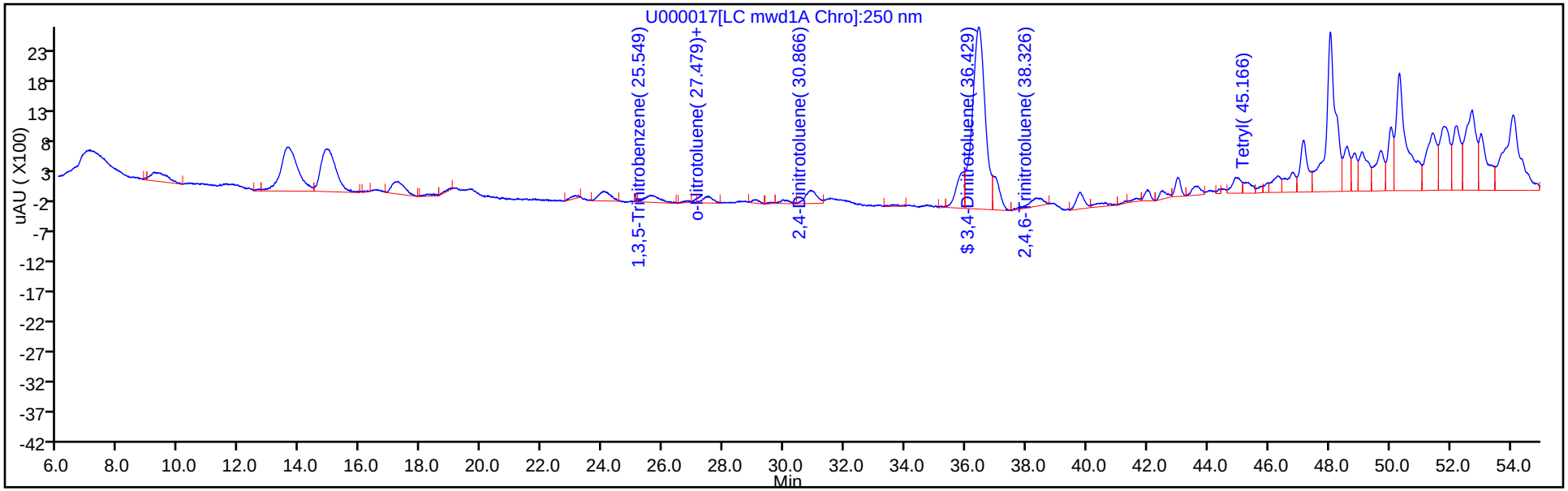
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 09:23:33 Chrom Revision: 2.1 14-Nov-2012 09:16:24

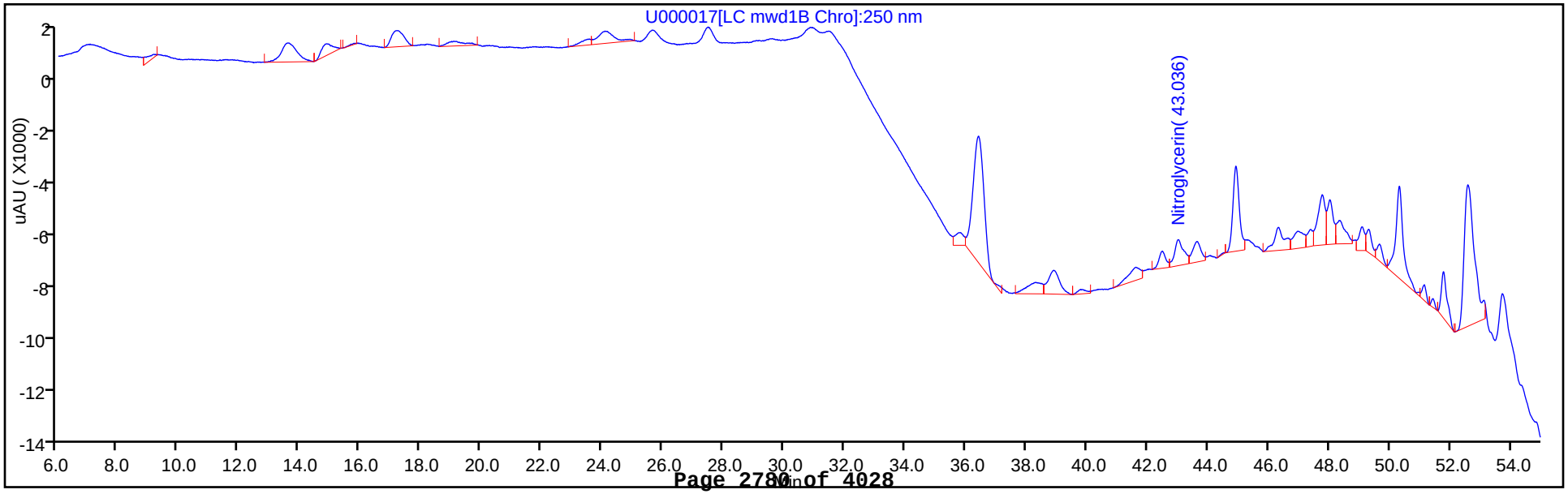
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000017.D		
Injection Date:	22-Nov-2012 07:05:45	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	17
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

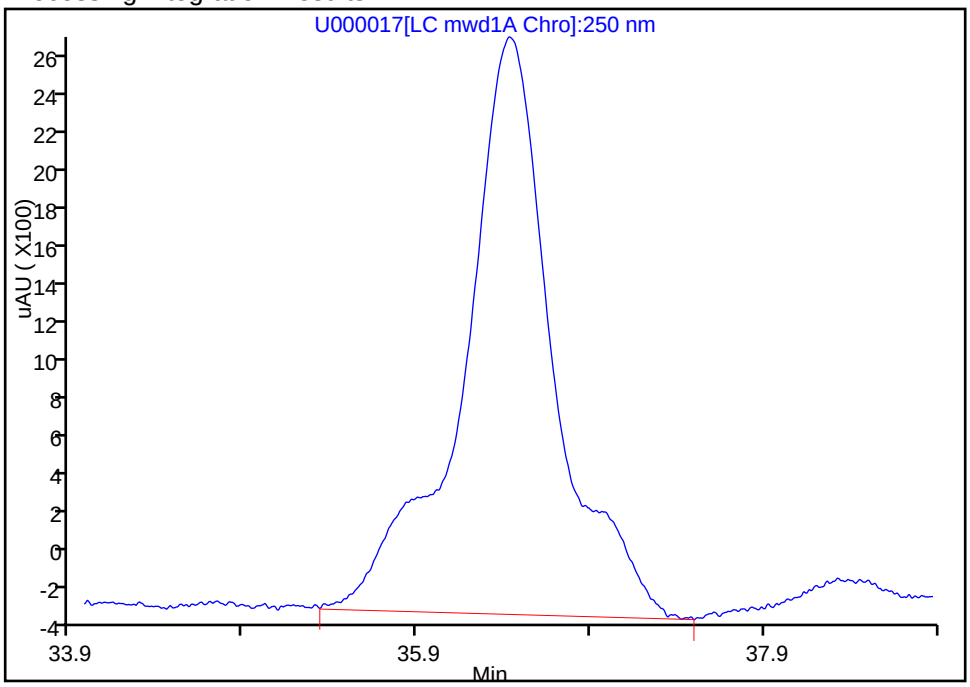
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000017.D		
Injection Date:	22-Nov-2012 07:05:45	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	17
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 36.43, Det: LC mwd1A

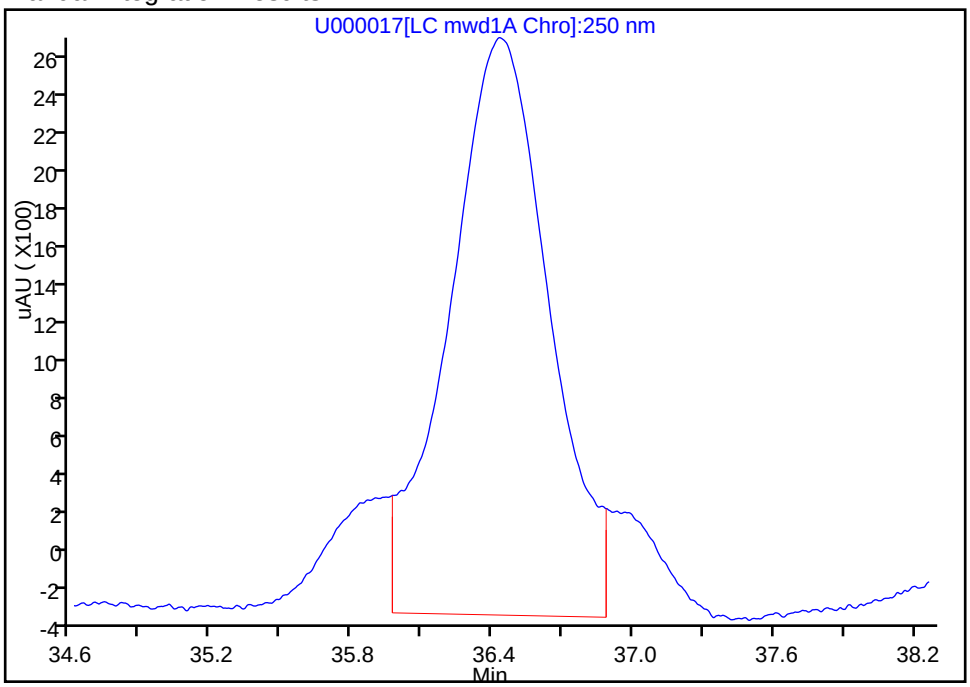
Processing Integration Results

RT: 36.43
Response: 3008
Amount: 62.260192



Manual Integration Results

RT: 36.43
Response: 3008
Amount: 62.260192



Reviewer: noonanr, 26-Nov-2012 09:23:33
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 26-Nov-2012 09:23:33 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

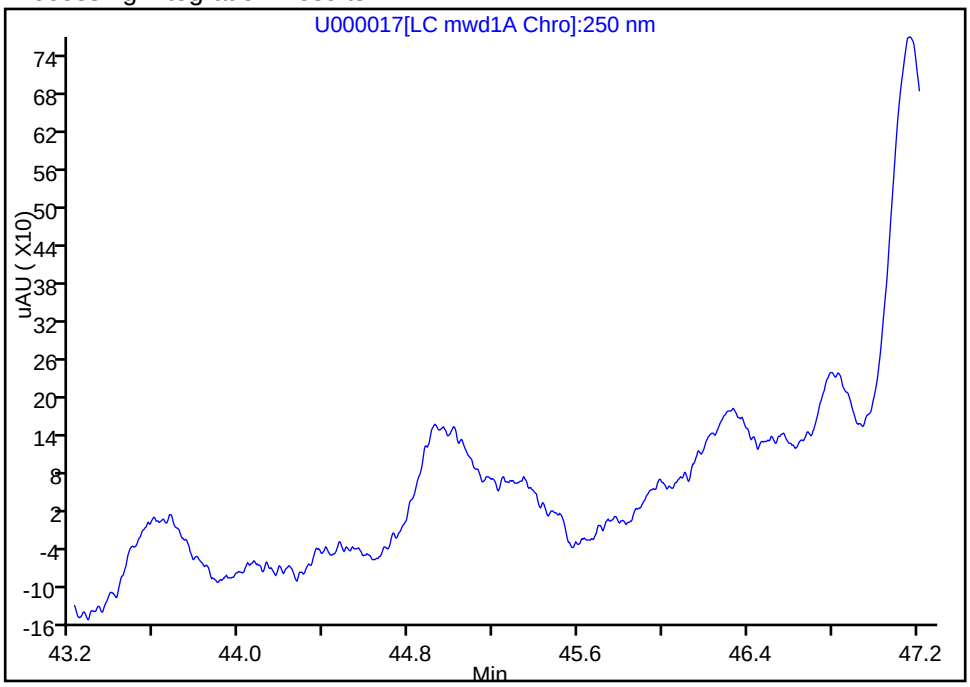
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000017.D		
Injection Date:	22-Nov-2012 07:05:45	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	17
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 45.20, Det: LC mwd1A

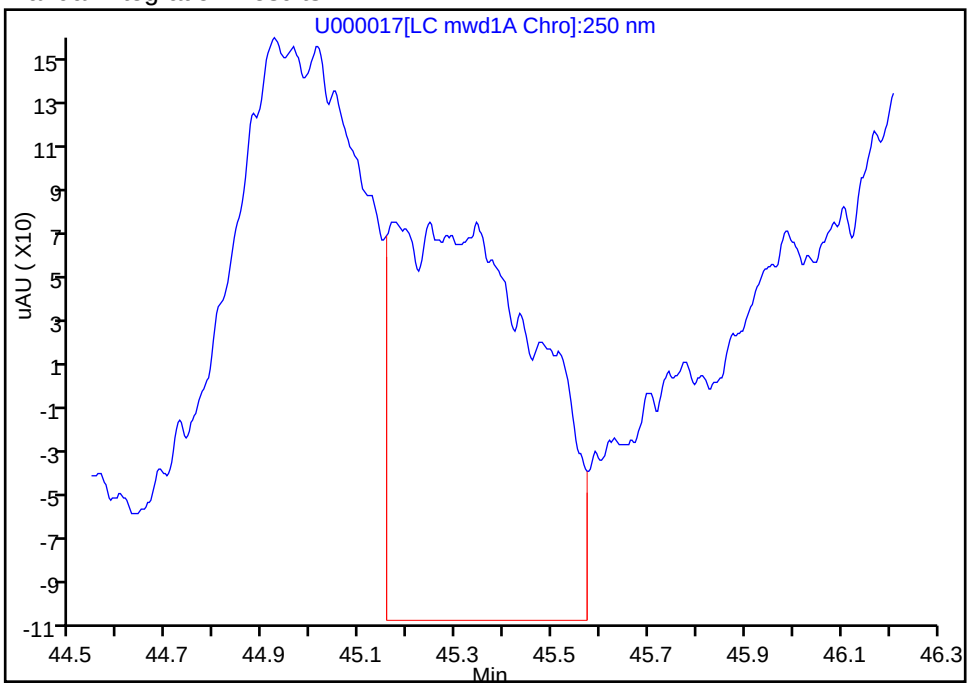
Not Detected
Expected RT: 45.20

Processing Integration Results



Manual Integration Results

RT: 45.17
Response: 179
Amount: 1.529047



Reviewer: noonanr, 26-Nov-2012 09:23:33
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000037.D

Analysis Method: 8330B Date Collected: 11/07/2012 15:50

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 10.38(g) Date Analyzed: 11/21/2012 13:54

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.048	U	0.24	0.048	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.048	U	0.24	0.048	0.0096
99-65-0	1,3-Dinitrobenzene	0.048	U	0.24	0.048	0.0040
121-14-2	2,4-Dinitrotoluene	0.048	U	0.24	0.048	0.0051
606-20-2	2,6-Dinitrotoluene	0.048	U	0.24	0.048	0.0070
2691-41-0	HMX	0.048	U	0.24	0.048	0.012
98-95-3	Nitrobenzene	0.048	U	0.24	0.048	0.017
55-63-0	Nitroglycerin	0.24	U	0.48	0.24	0.014
88-72-2	2-Nitrotoluene	0.048	U	0.24	0.048	0.013
99-08-1	3-Nitrotoluene	0.048	U	0.24	0.048	0.015
99-99-0	4-Nitrotoluene	0.048	U	0.24	0.048	0.018
78-11-5	PETN	0.24	U	0.48	0.24	0.024
121-82-4	RDX	0.048	U	0.24	0.048	0.012
479-45-8	Tetryl	0.030	J	0.24	0.048	0.0096
99-35-4	1,3,5-Trinitrobenzene	0.048	U	0.24	0.048	0.0096
118-96-7	2,4,6-Trinitrotoluene	0.048	U	0.24	0.048	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000037.D		
Lims ID:	240-17422-F-3-B	Client ID:	076SS-0021M-0001-SO
Inject. Date:	21-Nov-2012 13:54:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001479-037		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	42
Lims Batch ID:	6177	Lims Sample ID:	37
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:41:28	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 08:41:28

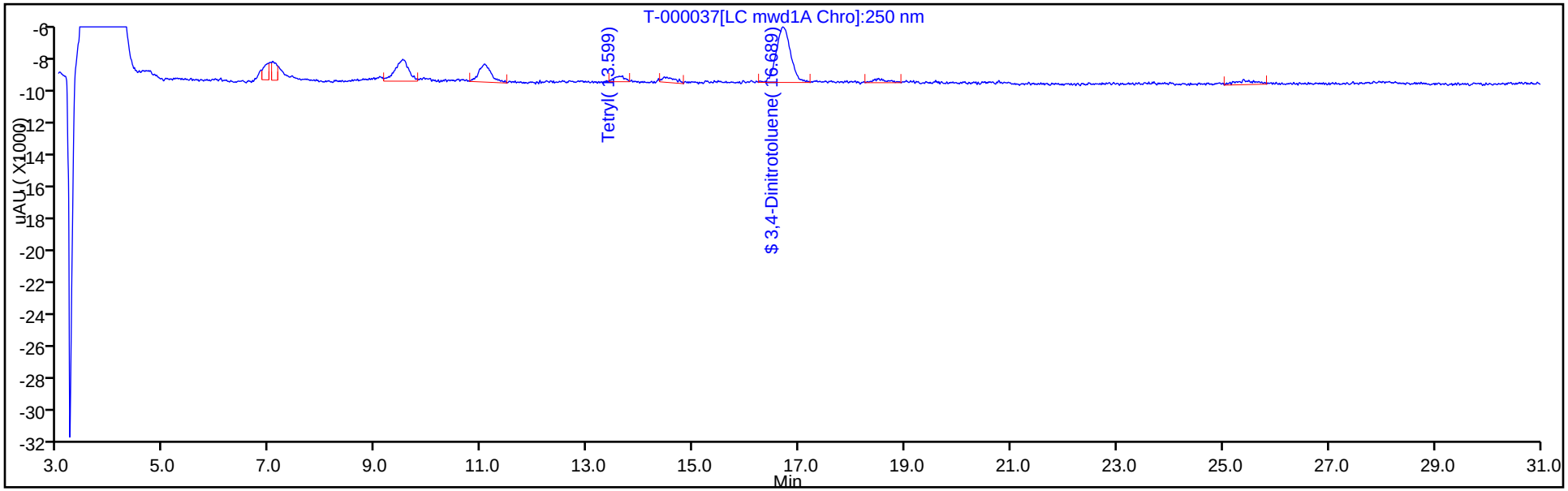
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
20 Tetryl						
1	13.599	13.590	0.009	337	3.89	
$ 30 3,4-Dinitrotoluene						
1	16.689	16.670	0.019	3413	60.6	
2	16.712	16.673	0.039	6522	63.1	

Report Date: 26-Nov-2012 08:41:28 Chrom Revision: 2.1 14-Nov-2012 09:16:24

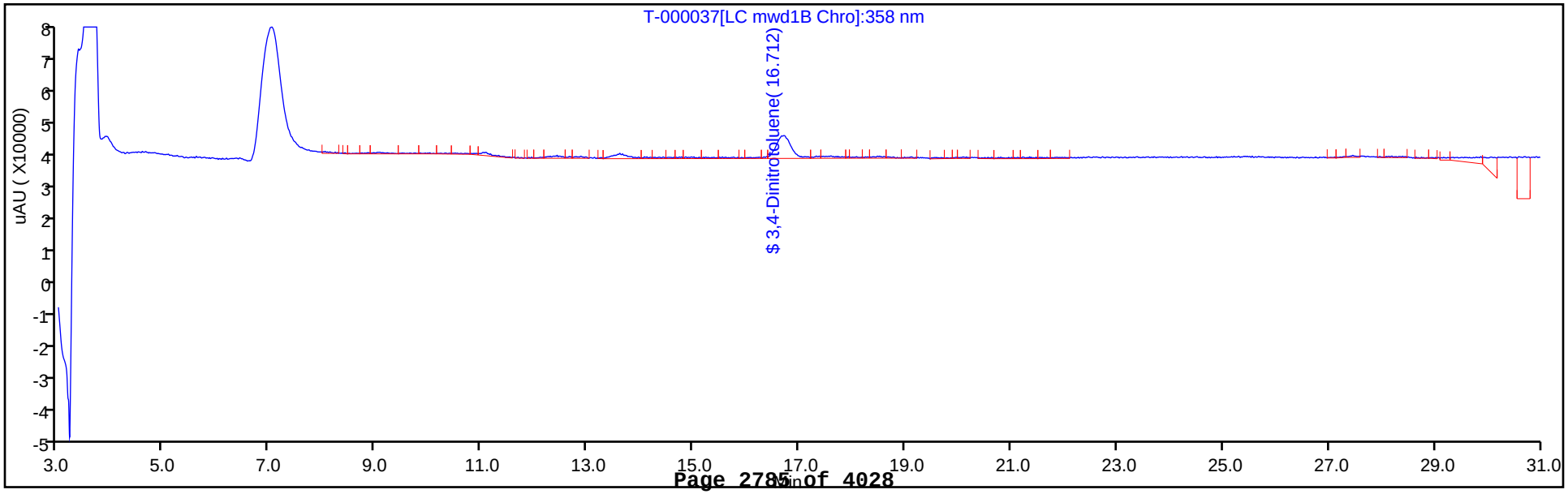
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000037.D		
Injection Date:	21-Nov-2012 13:54:31	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: U000018.D

Analysis Method: 8330B Date Collected: 11/07/2012 15:50

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 10.38(g) Date Analyzed: 11/22/2012 08:11

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6234 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96	*M*	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000018.D		
Lims ID:	240-17422-F-3-B	Client ID:	076SS-0021M-0001-SO
Inject. Date:	22-Nov-2012 08:11:15	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001492-018		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	23
Lims Batch ID:	6234	Lims Sample ID:	18
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 09:25:24	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 09:25:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						
1	25.579	25.723	-0.144	67	0.8507	
16 o-Nitrotoluene						
1	27.495	27.550	-0.055	106	1.74	
15 p-Nitrotoluene						
1	27.495	27.550	-0.055	106	1.74	
12 2,6-Dinitrotoluene						
1	31.892	31.910	-0.018	101	1.86	
$ 30 3,4-Dinitrotoluene						M
1	36.349	36.427	-0.078	2912	60.3	M
7 Nitroglycerin						
2	43.182	43.253	-0.071	485	5.61	
20 Tetryl						M
1	45.209	45.203	0.006	148	1.26	M

QC Flag Legend

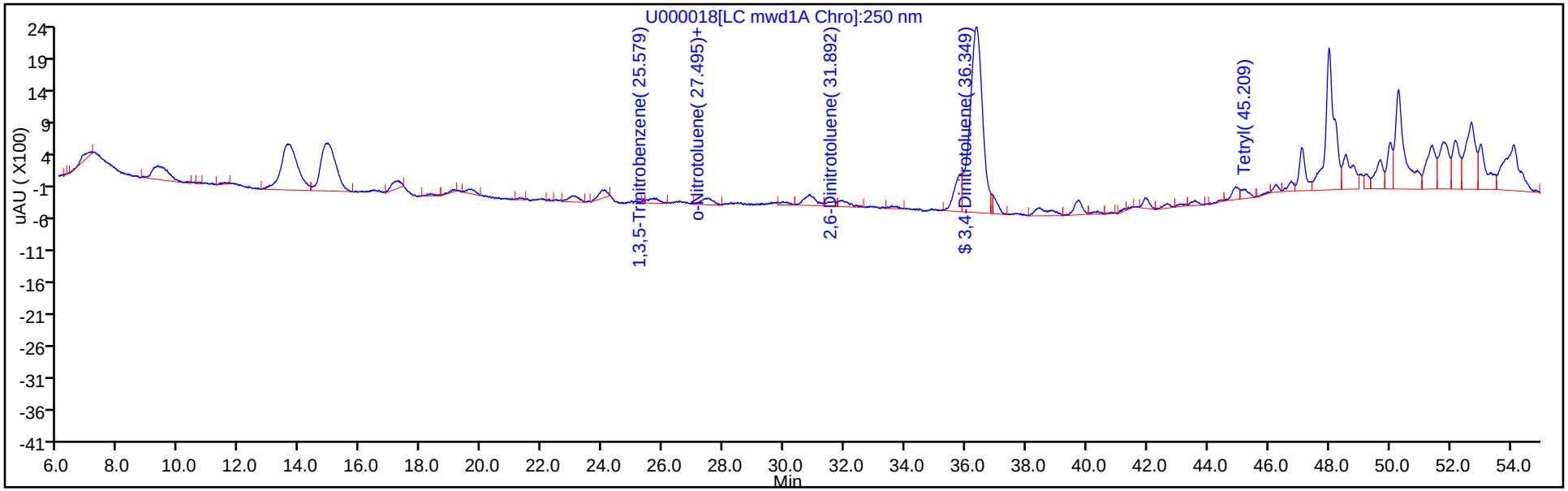
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 09:25:24 Chrom Revision: 2.1 14-Nov-2012 09:16:24

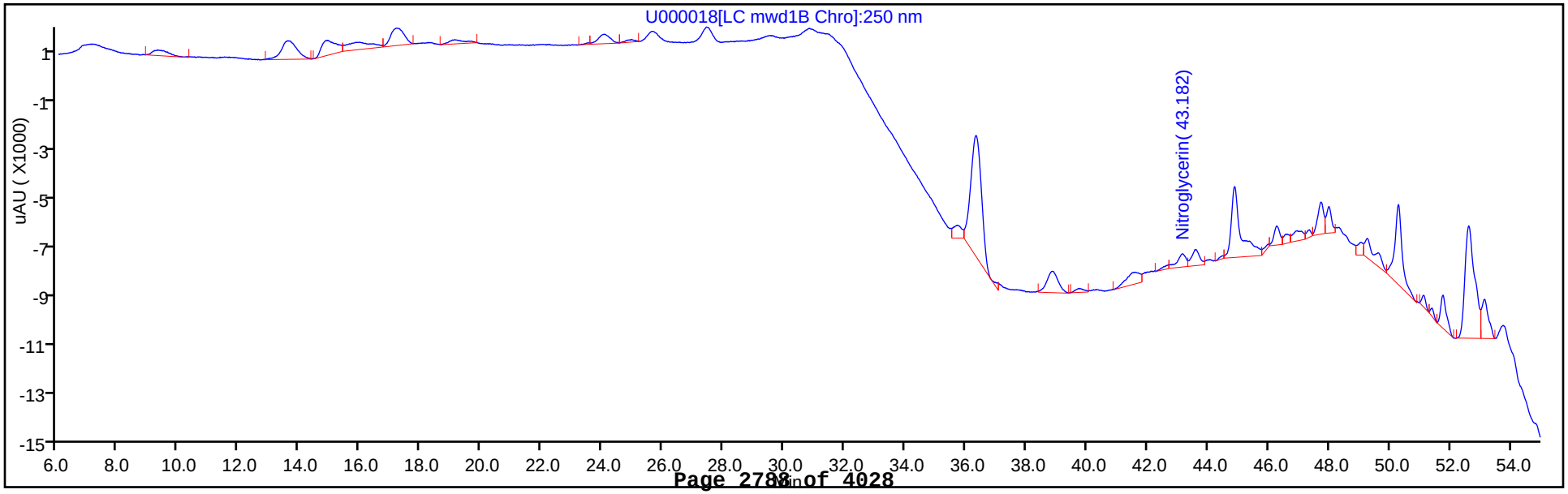
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000018.D		
Injection Date:	22-Nov-2012 08:11:15	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	18
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

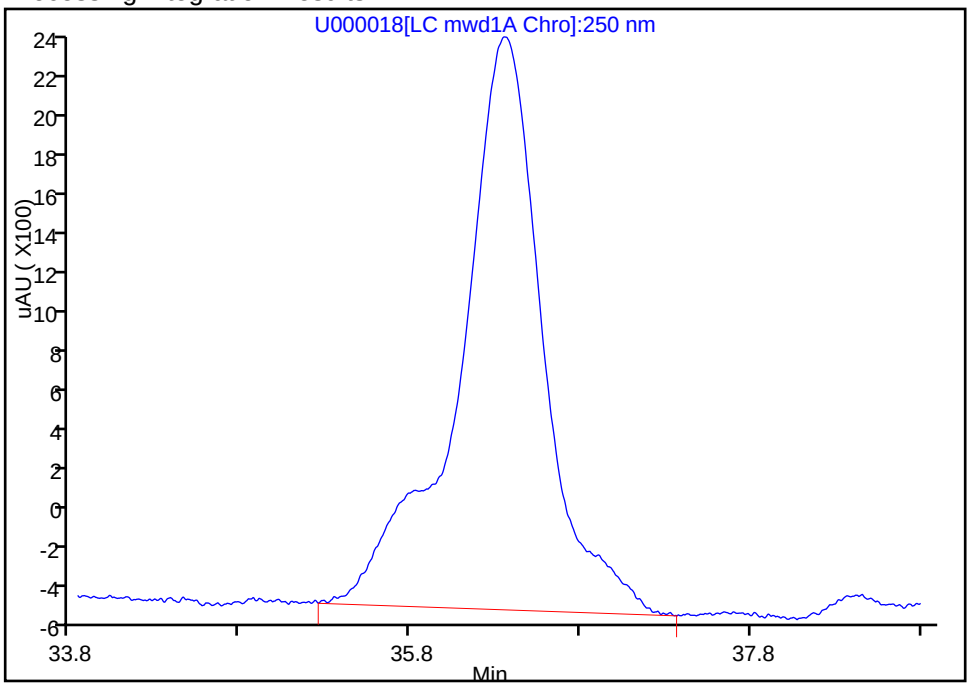
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000018.D		
Injection Date:	22-Nov-2012 08:11:15	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	18
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 36.43, Det: LC mwd1A

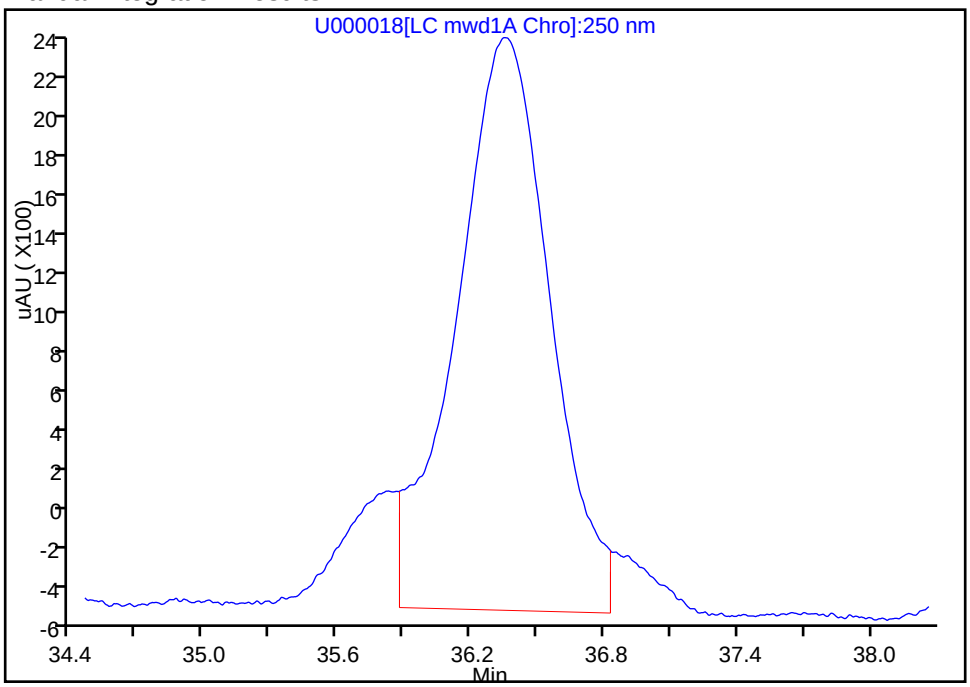
Processing Integration Results

RT: 36.36
Response: 2914
Amount: 60.314561



Manual Integration Results

RT: 36.35
Response: 2912
Amount: 60.273165



Reviewer: noonanr, 26-Nov-2012 09:25:24
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

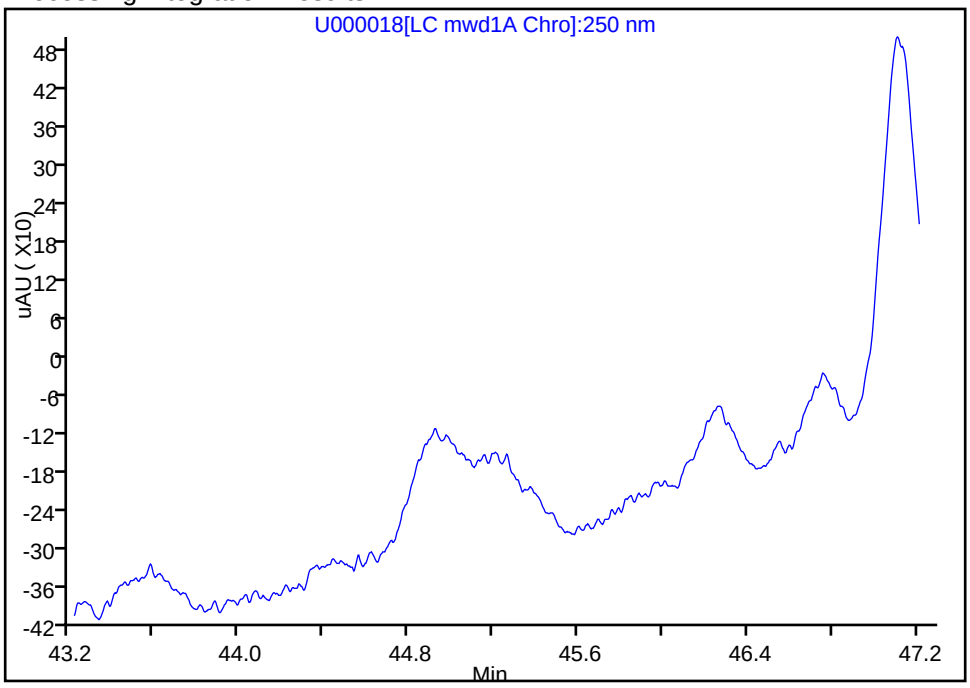
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000018.D		
Injection Date:	22-Nov-2012 08:11:15	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0021M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	18
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 45.20, Det: LC mwd1A

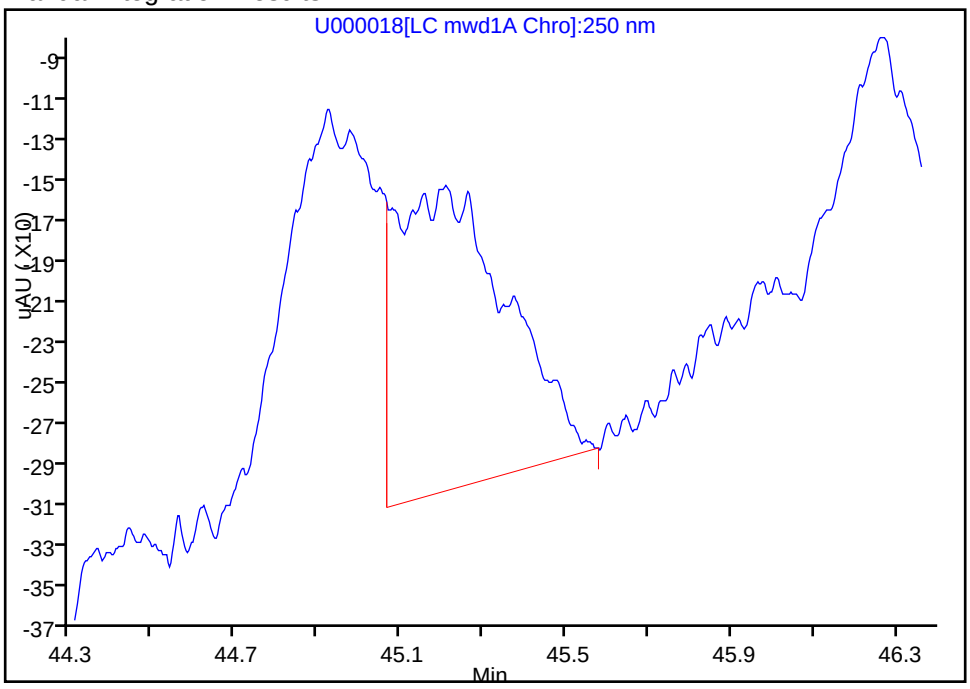
Not Detected
Expected RT: 45.20

Processing Integration Results



Manual Integration Results

RT: 45.21
Response: 148
Amount: 1.264240



Reviewer: noonanr, 26-Nov-2012 09:25:24
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000038.D

Analysis Method: 8330B Date Collected: 11/08/2012 11:00

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 10.19(g) Date Analyzed: 11/21/2012 14:34

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.049	U	0.25	0.049	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.049	U	0.25	0.049	0.0098
99-65-0	1,3-Dinitrobenzene	0.049	U	0.25	0.049	0.0041
121-14-2	2,4-Dinitrotoluene	0.049	U	0.25	0.049	0.0052
606-20-2	2,6-Dinitrotoluene	0.049	U	0.25	0.049	0.0072
2691-41-0	HMX	0.049	U	0.25	0.049	0.012
55-63-0	Nitroglycerin	0.25	U	0.49	0.25	0.015
88-72-2	2-Nitrotoluene	0.049	U	0.25	0.049	0.013
99-08-1	3-Nitrotoluene	0.049	U	0.25	0.049	0.015
99-99-0	4-Nitrotoluene	0.049	U	0.25	0.049	0.018
78-11-5	PETN	0.25	U	0.49	0.25	0.025
121-82-4	RDX	0.049	U	0.25	0.049	0.012
479-45-8	Tetryl	0.016	J	0.25	0.049	0.0098
99-35-4	1,3,5-Trinitrobenzene	0.049	U	0.25	0.049	0.0098
118-96-7	2,4,6-Trinitrotoluene	0.049	U	0.25	0.049	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	98		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000038.D		
Lims ID:	240-17422-F-5-B	Client ID:	073SS-0002M-0001-SO
Inject. Date:	21-Nov-2012 14:34:48	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001479-038		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	43
Lims Batch ID:	6177	Lims Sample ID:	38
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:41:57	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 08:41:57

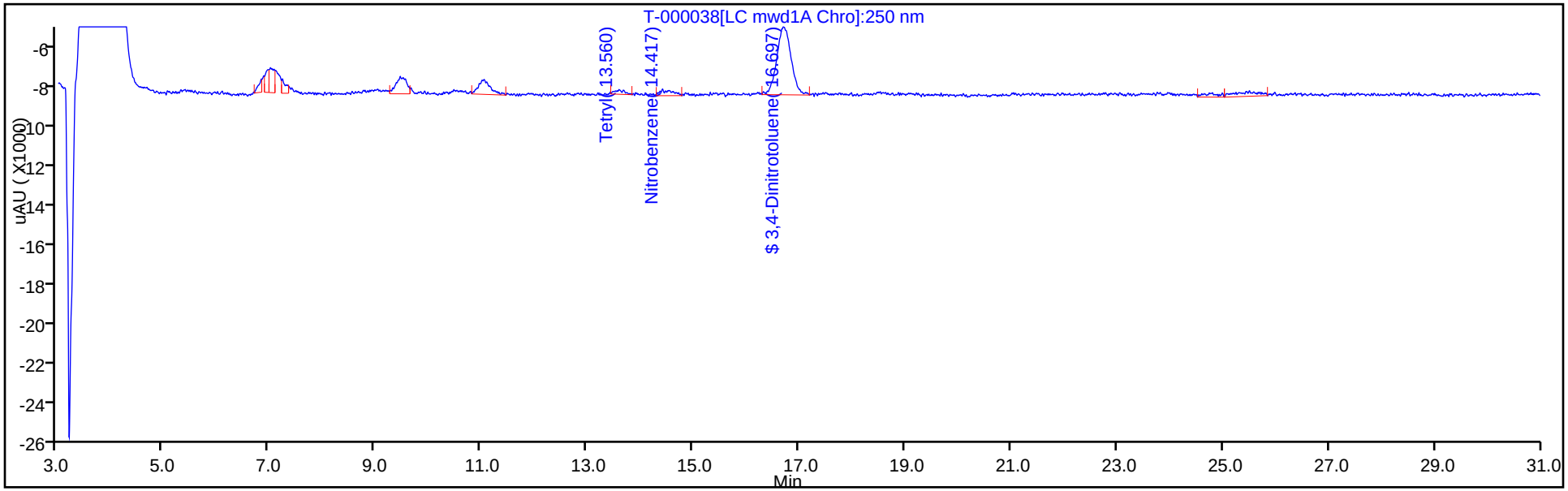
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
20 Tetryl						
1	13.560	13.590	-0.030	172	1.99	
5 Nitrobenzene						
1	14.417	14.240	0.177	336	4.56	
$ 30 3,4-Dinitrotoluene						
1	16.697	16.670	0.027	3432	60.9	
2	16.710	16.673	0.037	6538	63.3	

Report Date: 26-Nov-2012 08:41:57 Chrom Revision: 2.1 14-Nov-2012 09:16:24

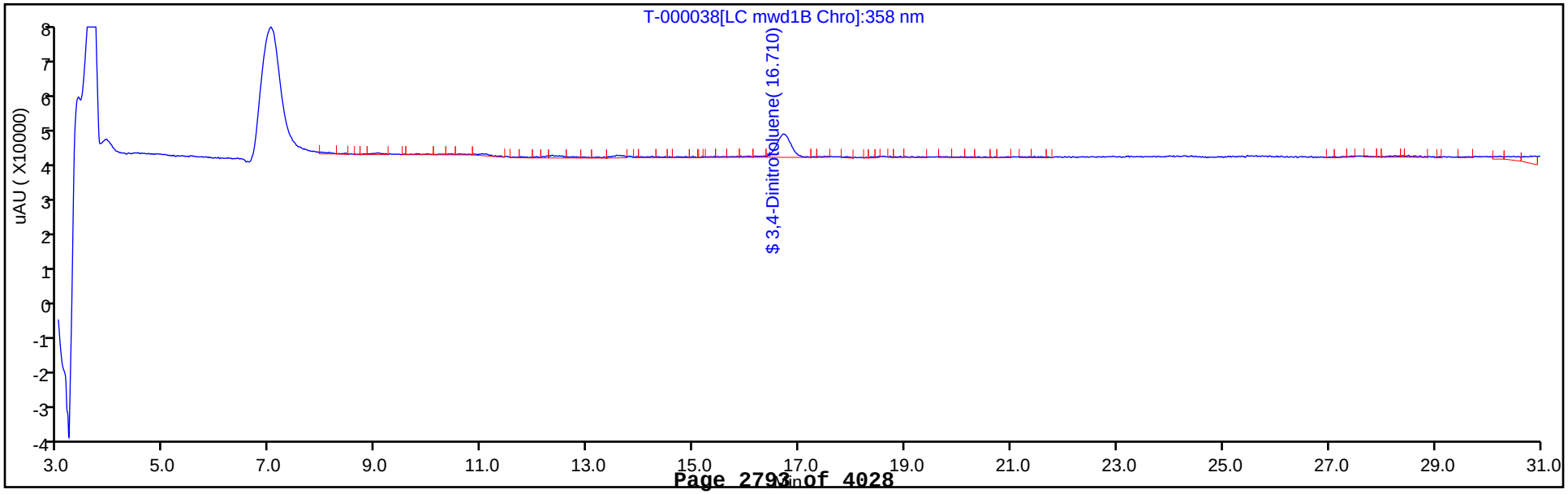
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000038.D		
Injection Date:	21-Nov-2012 14:34:48	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	38
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: U000019.D

Analysis Method: 8330B Date Collected: 11/08/2012 11:00

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 10.19(g) Date Analyzed: 11/22/2012 09:16

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6234 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
98-95-3	Nitrobenzene	0.049	U	0.25	0.049	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	121	*M Q*	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000019.D		
Lims ID:	240-17422-F-5-B	Client ID:	073SS-0002M-0001-SO
Inject. Date:	22-Nov-2012 09:16:48	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001492-019		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	24
Lims Batch ID:	6234	Lims Sample ID:	19
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 09:47:51	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 09:47:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
26 4-Amino-2,6-dinitrotoluene						
1	34.383	34.485	-0.102	216	3.42	
$ 30 3,4-Dinitrotoluene						M
1	36.023	36.341	-0.318	3661	75.8	M
7 Nitroglycerin						
2	42.977	43.158	-0.181	2614	30.2	
20 Tetryl						M
1	44.893	45.128	-0.235	803	6.86	M

QC Flag Legend

Review Flags
M - Manually Integrated

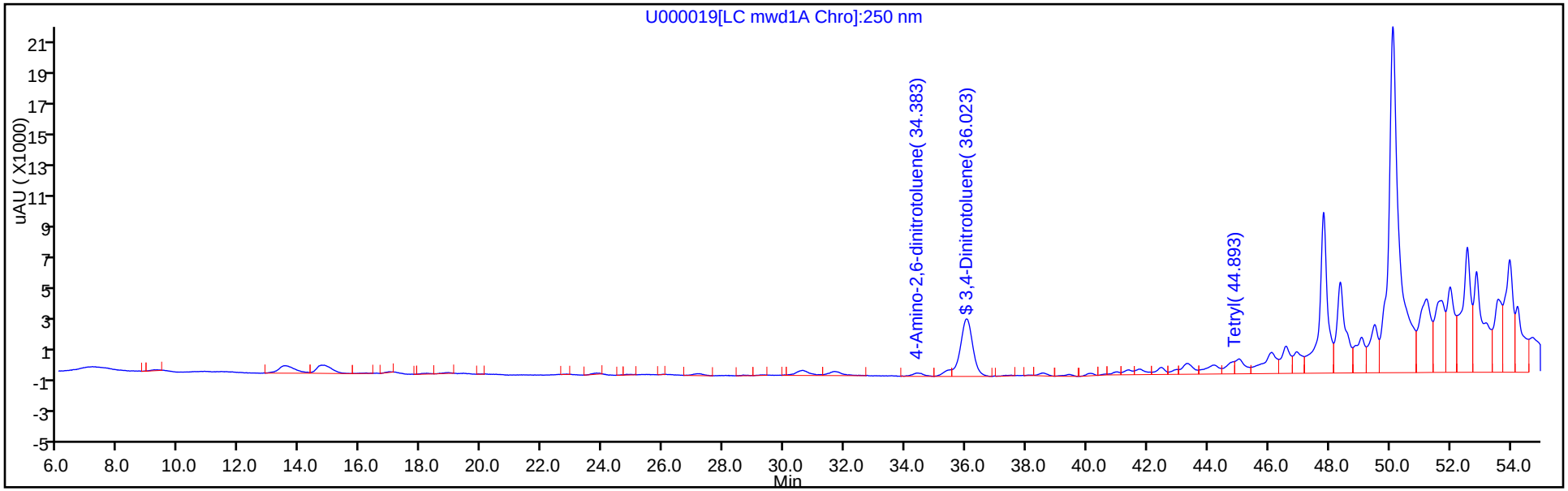
Report Date: 26-Nov-2012 09:47:51 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

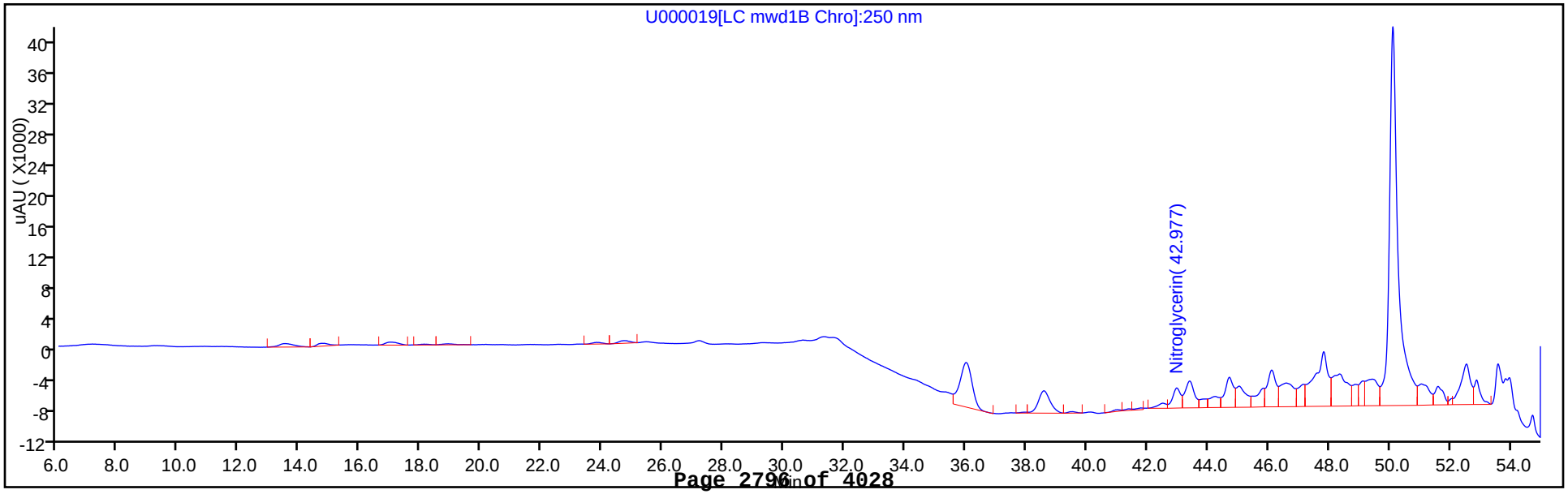
Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000019.D

Injection Date:	22-Nov-2012 09:16:48	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	19
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

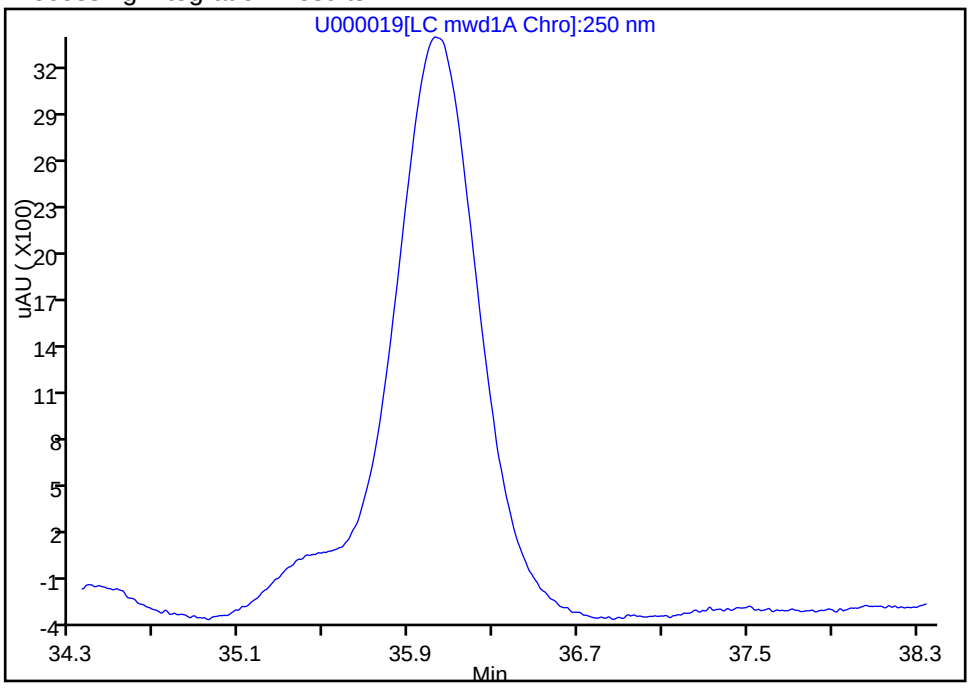
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000019.D		
Injection Date:	22-Nov-2012 09:16:48	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	19
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 36.34, Det: LC mwd1A

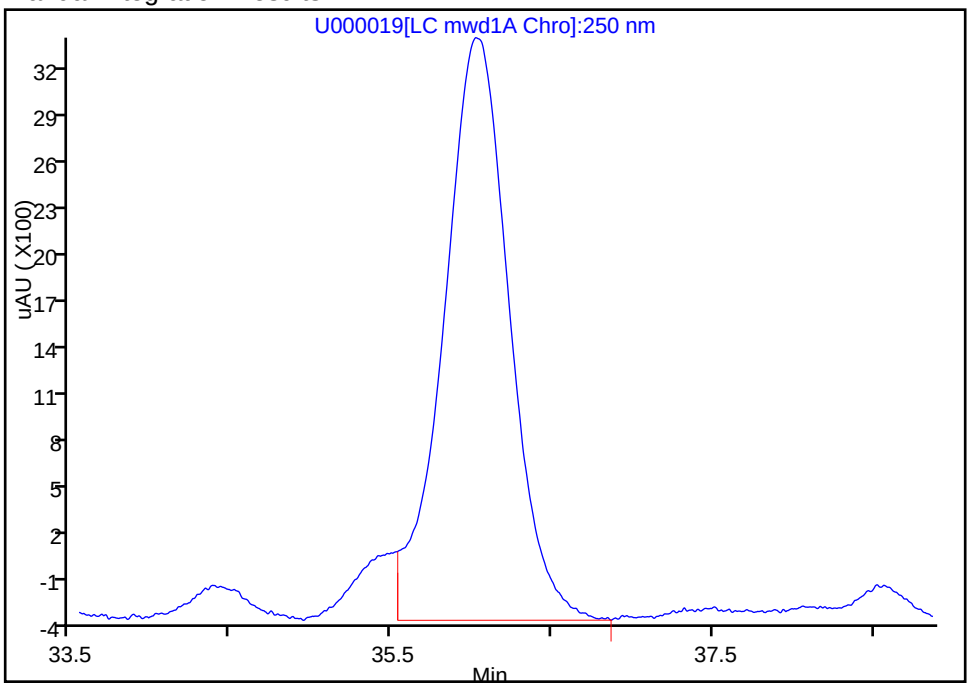
Processing Integration Results

Not Detected
Expected RT: 36.34



Manual Integration Results

RT: 36.02
Response: 3661
Amount: 75.776118



Reviewer: noonanr, 26-Nov-2012 09:47:51
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 26-Nov-2012 09:47:51 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

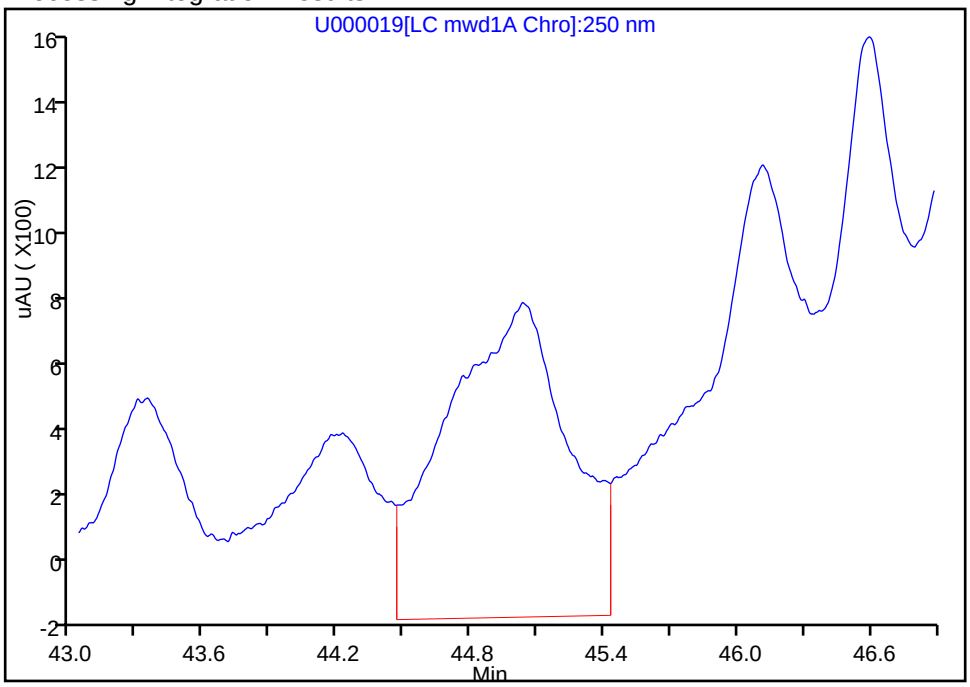
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000019.D		
Injection Date:	22-Nov-2012 09:16:48	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0002M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	19
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 45.13, Det: LC mwd1A

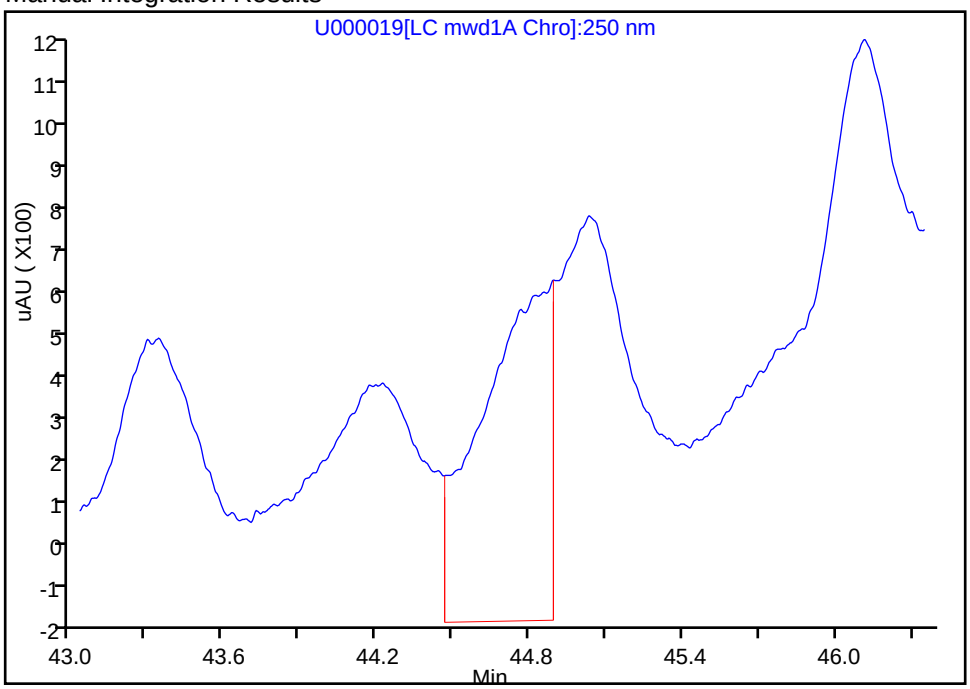
Processing Integration Results

RT: 45.03
Response: 952
Amount: 8.132139



Manual Integration Results

RT: 44.89
Response: 803
Amount: 6.859356



Reviewer: noonanr, 26-Nov-2012 09:47:51
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000039.D

Analysis Method: 8330B Date Collected: 11/08/2012 11:00

Extraction Method: 8330B Date Extracted: 11/16/2012 11:07

Sample wt/vol: 10.03(g) Date Analyzed: 11/21/2012 15:15

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.024	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000039.D		
Lims ID:	240-17422-P-6-D	Client ID:	073SS-0003M-0001-SO
Inject. Date:	21-Nov-2012 15:15:04	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001479-039		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	44
Lims Batch ID:	6177	Lims Sample ID:	39
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:42:24	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 08:42:24

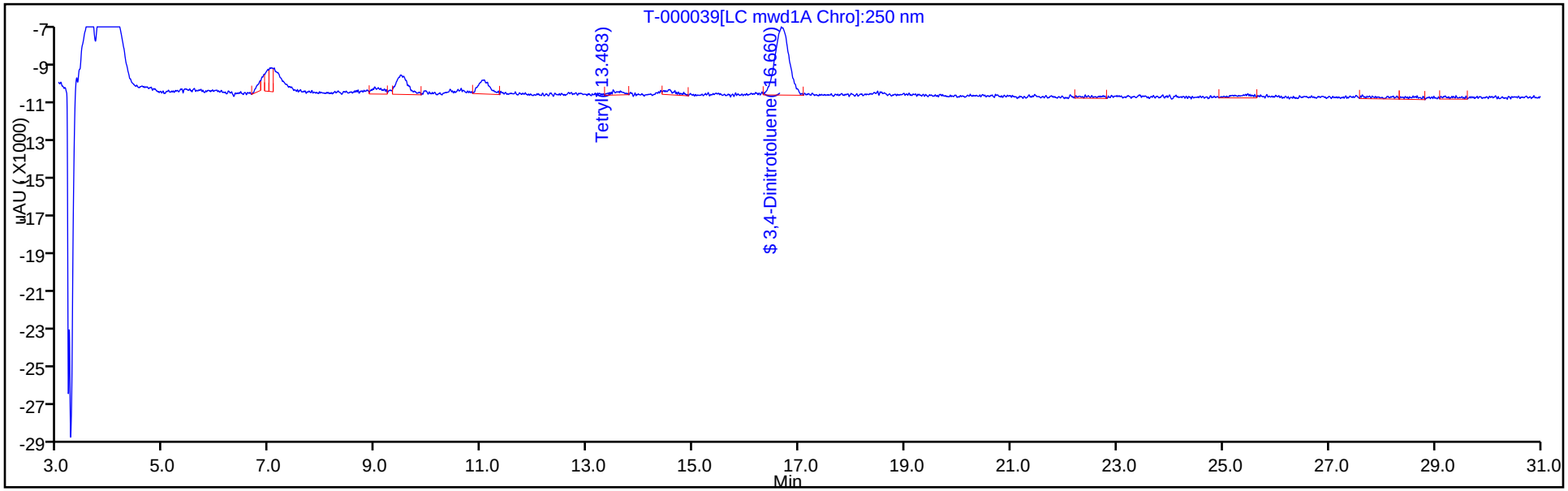
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
20 Tetryl						
1	13.483	13.590	-0.107	257	2.97	
$ 30 3,4-Dinitrotoluene						
1	16.660	16.670	-0.010	3378	60.0	
2	16.656	16.673	-0.017	6494	62.9	

Report Date: 26-Nov-2012 08:42:24 Chrom Revision: 2.1 14-Nov-2012 09:16:24

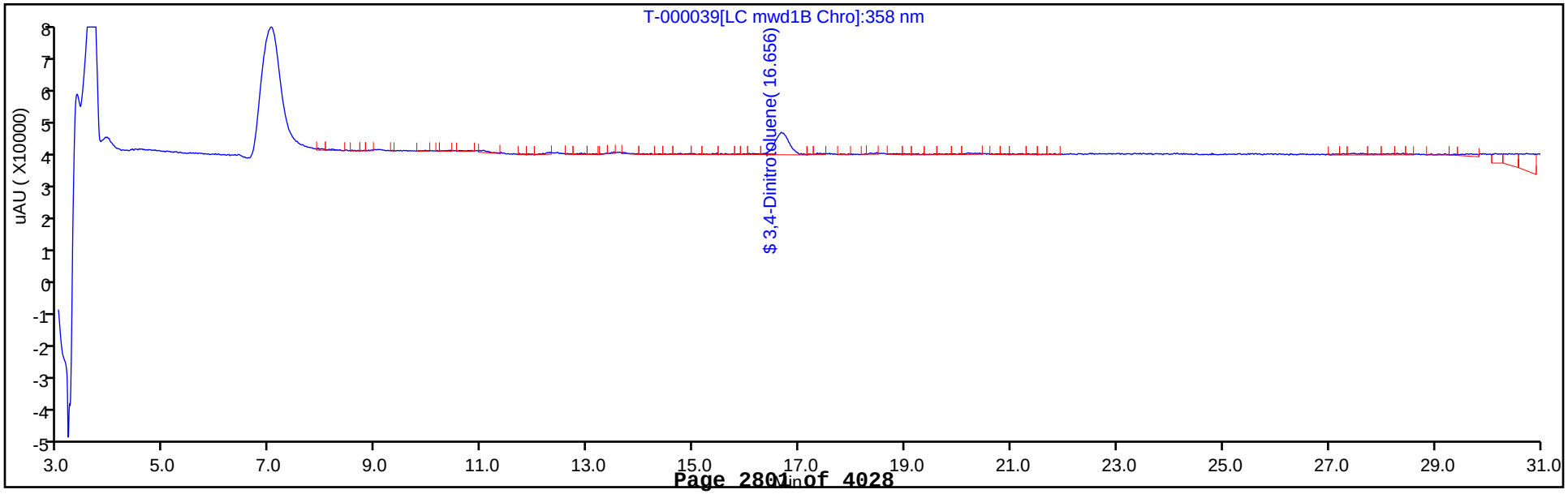
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000039.D		
Injection Date:	21-Nov-2012 15:15:04	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	39
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: U000020.D

Analysis Method: 8330B Date Collected: 11/08/2012 11:00

Extraction Method: 8330B Date Extracted: 11/16/2012 11:07

Sample wt/vol: 10.03(g) Date Analyzed: 11/22/2012 10:22

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6234 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	120	*M Q*	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000020.D		
Lims ID:	240-17422-P-6-D	Client ID:	073SS-0003M-0001-SO
Inject. Date:	22-Nov-2012 10:22:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001492-020		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	25
Lims Batch ID:	6234	Lims Sample ID:	20
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 09:43:19	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 09:43:19

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	27.513	27.550	-0.037	110	1.81	
15 p-Nitrotoluene						
1	27.513	27.550	-0.037	110	1.81	
23 2,4-Dinitrotoluene						
1	30.883	31.010	-0.127	274	2.98	
12 2,6-Dinitrotoluene						
1	32.056	31.910	0.146	200	3.68	
$ 30 3,4-Dinitrotoluene						M
1	36.453	36.427	0.026	3620	74.9	M
7 Nitroglycerin						
2	43.243	43.253	-0.010	1528	17.7	
20 Tetryl						M
1	45.266	45.203	0.063	474	4.05	M

QC Flag Legend

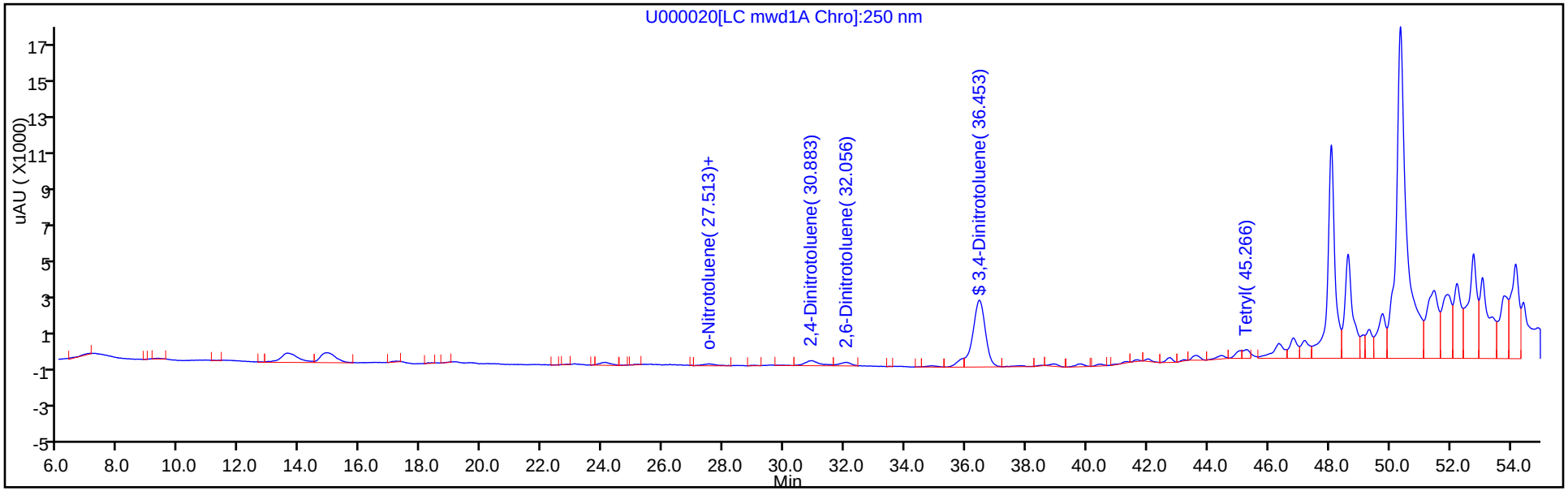
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 09:43:19 Chrom Revision: 2.1 14-Nov-2012 09:16:24

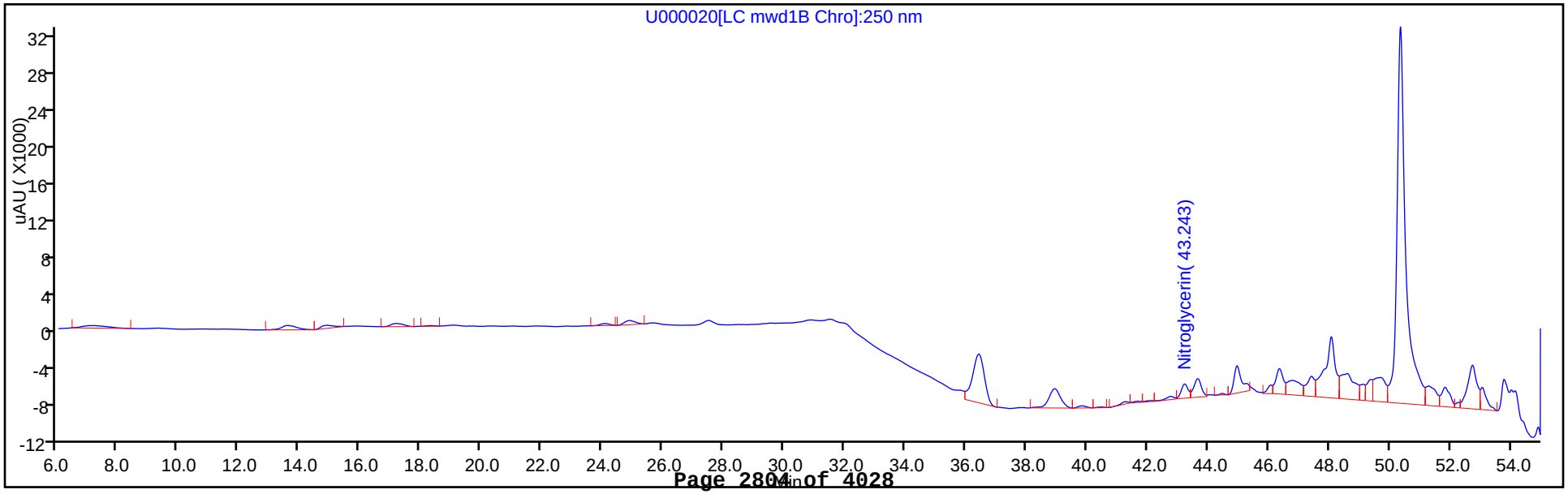
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000020.D		
Injection Date:	22-Nov-2012 10:22:20	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	20
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

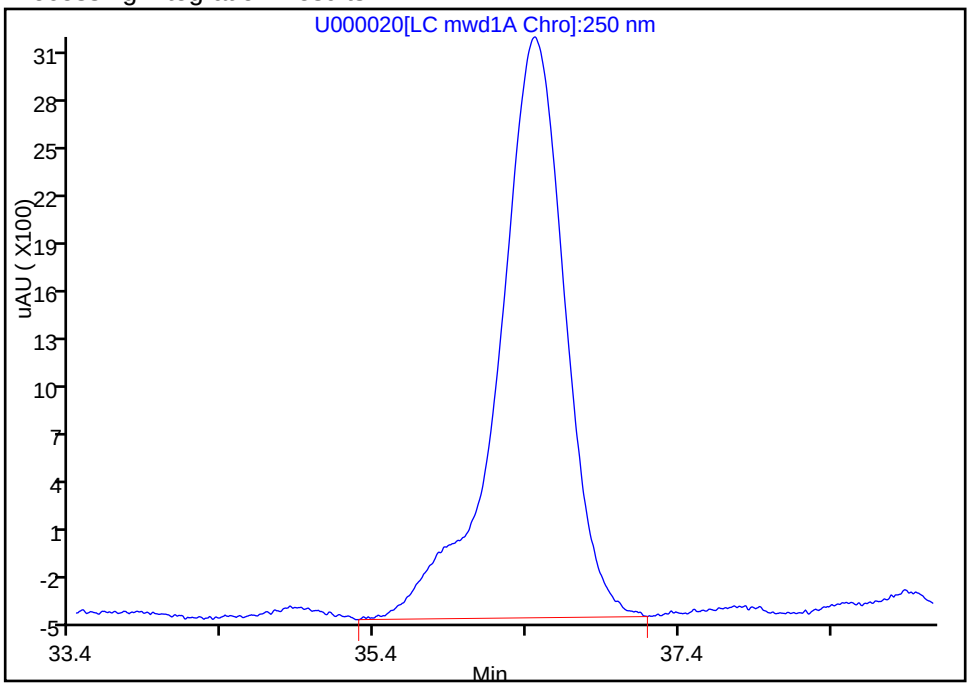
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000020.D		
Injection Date:	22-Nov-2012 10:22:20	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	20
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 36.43, Det: LC mwd1A

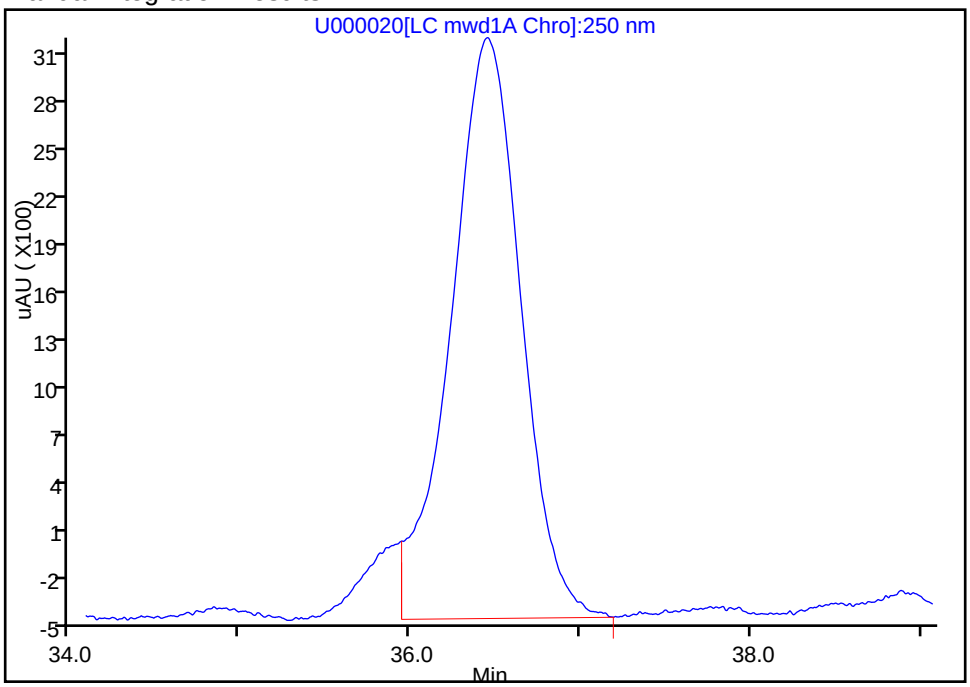
Processing Integration Results

RT: 36.45
Response: 3620
Amount: 74.927492



Manual Integration Results

RT: 36.45
Response: 3620
Amount: 74.927492



Reviewer: noonanr, 26-Nov-2012 09:43:19
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 26-Nov-2012 09:43:19 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

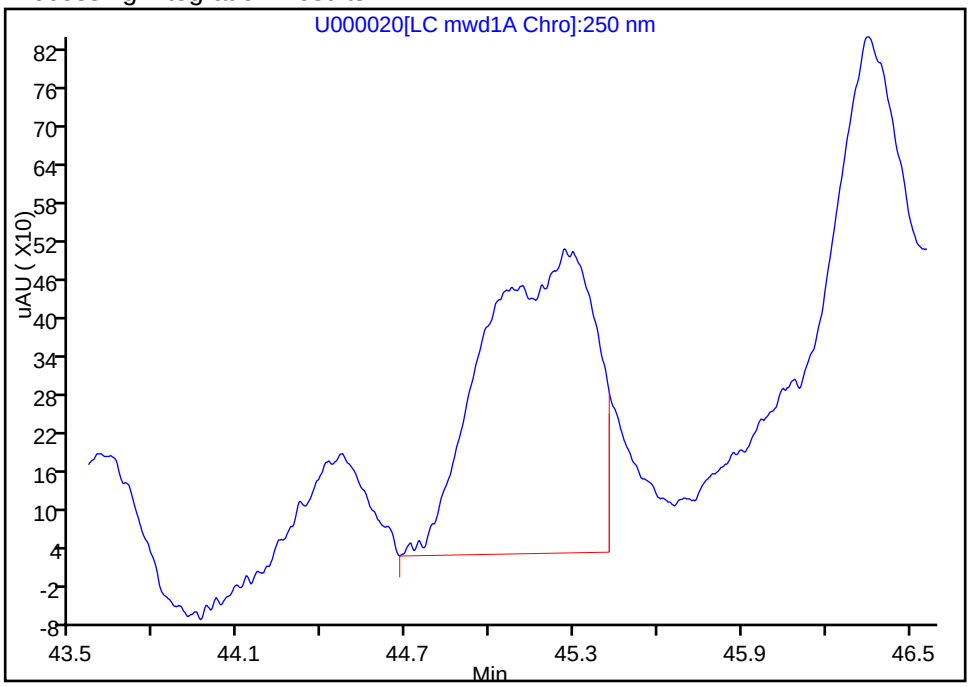
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000020.D		
Injection Date:	22-Nov-2012 10:22:20	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	20
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 45.20, Det: LC mwd1A

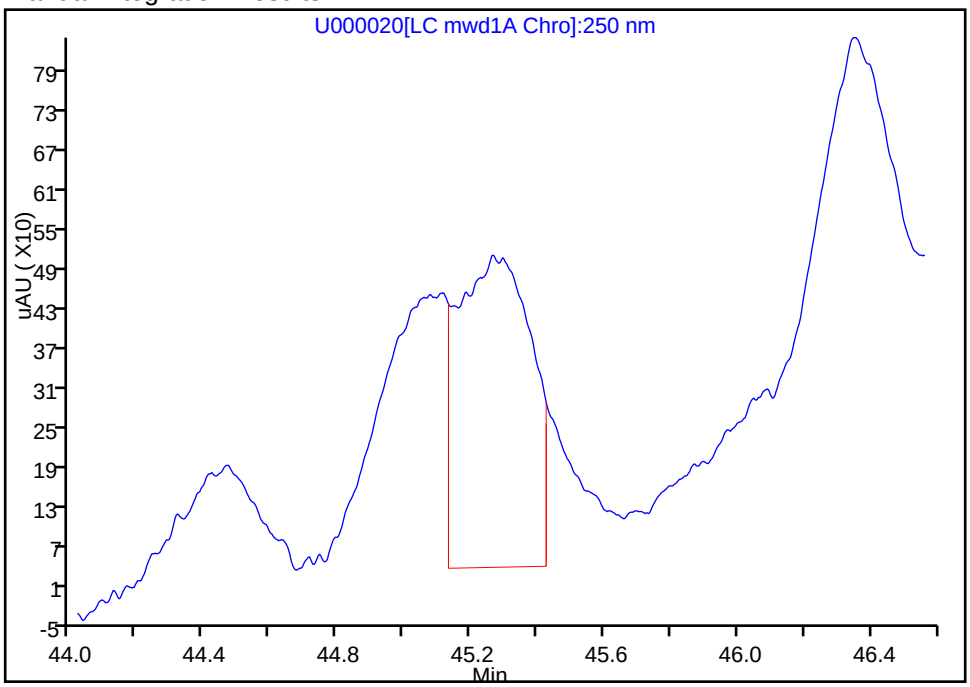
Processing Integration Results

RT: 45.12
Response: 418
Amount: 3.570624



Manual Integration Results

RT: 45.27
Response: 474
Amount: 4.048985



Reviewer: noonanr, 26-Nov-2012 09:43:19
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-3377/2	A-000006.D
Level 2	STD02 320-3377/3	A-000007.D
Level 3	STD03 320-3377/4	A-000008.D
Level 4	STD04 320-3377/5	A-000009.D
Level 5	STD05 320-3377/6	A-000010.D
Level 6	STD06 320-3377/7	A-000011.D
Level 7	STD07 320-3377/8	A-000012.D
Level 8	STD08 320-3377/9	A-000013.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
HMX	5.240	5.235	5.238	5.235	5.235	5.233	5.219	5.195			4.985 - 5.485	5.229
RDX	7.593	7.588	7.585	7.585	7.579	7.573	7.552	7.512			7.329 - 7.829	7.571
Ethylene glycol dinitrate	+++++	+++++	8.312	8.302	8.305	8.296	8.275	8.245			8.055 - 8.555	8.294
Picric acid	8.707	8.718	8.708	8.702	8.685	8.650	8.589	8.499			8.435 - 8.935	8.657
1,3,5-Trinitrobenzene	10.003	10.012	9.998	9.995	9.992	9.986	9.965	9.925			9.742 - 10.242	9.985
1,3-Dinitrobenzene	12.673	12.699	12.688	12.692	12.682	12.677	12.652	12.602			12.432 - 12.932	12.671
3,5-Dinitroaniline	13.447	13.449	13.452	13.455	13.449	13.437	13.406	13.349			13.199 - 13.699	13.431
Tetryl	13.950	13.925	13.952	13.942	13.939	13.933	13.912	13.866			13.689 - 14.189	13.927
Nitrobenzene	14.493	14.512	14.502	14.495	14.495	14.487	14.459	14.399			14.245 - 14.745	14.480
Nitroglycerin	+++++	+++++	15.205	15.209	15.202	15.197	15.172	15.126			14.952 - 15.452	15.185
2,4,6-Trinitrotoluene	16.083	16.075	16.075	16.085	16.069	16.067	16.046	16.002			15.819 - 16.319	16.063
4-Amino-2,6-dinitrotoluene	16.557	16.665	16.622	16.635	16.619	16.607	16.579	16.519			16.369 - 16.869	16.600
2-Amino-4,6-dinitrotoluene	17.617	17.619	17.595	17.602	17.595	17.587	17.552	17.489			17.345 - 17.845	17.582
2,6-Dinitrotoluene	19.280	19.342	19.318	19.299	19.285	19.293	19.259	19.199			19.035 - 19.535	19.284
2,4-Dinitrotoluene	19.877	19.965	19.915	19.939	19.925	19.917	19.886	19.829			19.675 - 20.175	19.907
2-Nitrotoluene	23.440	23.442	23.412	23.415	23.415	23.400	23.366	23.292			23.165 - 23.665	23.398
4-Nitrotoluene	25.103	25.095	25.135	25.092	25.102	25.087	25.062	24.989			24.852 - 25.352	25.083
3-Nitrotoluene	27.057	27.122	27.035	27.059	27.052	27.060	27.016	26.939			26.802 - 27.302	27.043
PETN	+++++	+++++	29.672	29.662	29.649	29.663	29.619	29.569			29.399 - 29.899	29.625
3,4-Dinitrotoluene	17.087	17.075	17.088	17.079	17.072	17.073	17.032	16.972			16.822 - 17.322	17.060

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-3377/2	A-000006.D
Level 2	STD02 320-3377/3	A-000007.D
Level 3	STD03 320-3377/4	A-000008.D
Level 4	STD04 320-3377/5	A-000009.D
Level 5	STD05 320-3377/6	A-000010.D
Level 6	STD06 320-3377/7	A-000011.D
Level 7	STD07 320-3377/8	A-000012.D
Level 8	STD08 320-3377/9	A-000013.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 7	LVL 4 LVL 8		B	M1	M2								
HMX	139.80 127.39	131.10 125.07	132.70 120.02	126.54 103.82	Ave		125.806000				8.5		20.0			
RDX	126.20 85.360	97.500 83.560	89.950 77.368	89.060 62.894	Ave		88.9865000				20.0		20.0			
Ethylene glycol dinitrate	+++++ 102.81	+++++ 100.64	106.60 93.280	99.580 78.274	Ave		96.8640000				10.0		20.0			
Picric acid	142.10 128.26	124.60 123.75	126.62 113.51	130.18 96.264	Ave		123.159625				11.0		20.0			
1,3,5-Trinitrobenzene	190.60 161.63	172.30 159.20	171.25 151.74	162.92 131.74	Ave		162.672500				10.0		20.0			
1,3-Dinitrobenzene	182.80 160.21	183.10 158.49	168.75 150.27	160.54 129.19	Ave		161.668750				11.0		20.0			
3,5-Dinitroaniline	130.40 101.39	110.30 101.56	102.95 97.078	103.96 83.656	Ave		103.911125				13.0		20.0			
Tetryl	110.60 82.640	87.300 84.365	81.400 83.418	84.500 78.184	Ave		86.5508750				12.0		20.0			
Nitrobenzene	96.600 71.160	77.100 71.370	75.300 67.000	72.860 58.527	Ave		73.7396250				15.0		20.0			
Nitroglycerin	+++++ 65.420	+++++ 64.655	74.350 62.646	65.760 56.481	Ave		64.8853333				8.9		20.0			
2,4,6-Trinitrotoluene	108.00 89.810	97.700 90.455	93.150 89.080	91.560 82.556	Ave		92.7888750				8.0		20.0			
4-Amino-2,6-dinitrotoluene	86.800 74.520	77.900 75.425	74.600 73.644	76.500 66.457	Ave		75.7307500				7.4		20.0			
2-Amino-4,6-dinitrotoluene	102.40 80.440	89.400 81.200	84.350 78.808	81.480 70.652	Ave		83.5912500				11.0		20.0			
2,6-Dinitrotoluene	77.800 56.200	62.900 57.230	57.300 55.882	58.140 51.202	Ave		59.5817500				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

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 7	LVL 4 LVL 8		B	M1	M2								
2,4-Dinitrotoluene	109.40 93.730	102.00 94.515	96.050 92.458	94.760 84.833	Ave		95.9682500				7.5		20.0			
2-Nitrotoluene	58.800 41.500	51.400 40.795	46.600 39.480	41.280 36.585	Ave		44.5550000				16.0		20.0			
4-Nitrotoluene	65.200 50.470	61.200 50.165	55.000 48.764	50.940 45.695	Ave		53.4292500				12.0		20.0			
3-Nitrotoluene	67.800 50.030	60.900 50.960	54.550 49.432	51.100 46.712	Ave		53.9355000				13.0		20.0			
PETN	+++++ 36.310	+++++ 35.540	40.050 35.620	38.100 34.728	Ave		36.7246667				5.4		20.0			
3,4-Dinitrotoluene	77.000 52.480	53.700 53.370	51.600 55.173	53.480 53.734	Ave		56.3171667				15.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-3377/2	A-000006.D
Level 2	STD02 320-3377/3	A-000007.D
Level 3	STD03 320-3377/4	A-000008.D
Level 4	STD04 320-3377/5	A-000009.D
Level 5	STD05 320-3377/6	A-000010.D
Level 6	STD06 320-3377/7	A-000011.D
Level 7	STD07 320-3377/8	A-000012.D
Level 8	STD08 320-3377/9	A-000013.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
HMX	Ave	699 25014	1311 60012	2654 103824	6327	12739	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	631 16712	975 38684	1799 62894	4453	8536	5.00 200	10.0 500	20.0 1000	50.0	100
Ethylene glycol dinitrate	Ave	+++++ 20128	+++++ 46640	2132 78274	4979	10281	+++++ 200	+++++ 500	20.0 1000	50.0	100
Picric acid	Ave	1421 61874	2492 113505	6331 192528	13018	25652	10.0 500	20.0 1000	50.0 2000	100	200
1,3,5-Trinitrobenzene	Ave	953 31839	1723 75872	3425 131741	8146	16163	5.00 200	10.0 500	20.0 1000	50.0	100
1,3-Dinitrobenzene	Ave	914 31698	1831 75133	3375 129194	8027	16021	5.00 200	10.0 500	20.0 1000	50.0	100
3,5-Dinitroaniline	Ave	652 20311	1103 48539	2059 83656	5198	10139	5.00 200	10.0 500	20.0 1000	50.0	100
Tetryl	Ave	553 16873	873 41709	1628 78184	4225	8264	5.00 200	10.0 500	20.0 1000	50.0	100
Nitrobenzene	Ave	483 14274	771 33500	1506 58527	3643	7116	5.00 200	10.0 500	20.0 1000	50.0	100
Nitroglycerin	Ave	+++++ 12931	+++++ 31323	1487 56481	3288	6542	+++++ 200	+++++ 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	540 18091	977 44540	1863 82556	4578	8981	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	434 15085	779 36822	1492 66457	3825	7452	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	512 16240	894 39404	1687 70652	4074	8044	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	389 11446	629 27941	1146 51202	2907	5620	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	547 18903	1020 46229	1921 84833	4738	9373	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Nitrotoluene	Ave	294 8159	514 19740	932 36585	2064	4150	5.00 200	10.0 500	20.0 1000	50.0	100
4-Nitrotoluene	Ave	326 10033	612 24382	1100 45695	2547	5047	5.00 200	10.0 500	20.0 1000	50.0	100
3-Nitrotoluene	Ave	339 10192	609 24716	1091 46712	2555	5003	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	+++++ 7108	+++++ 17810	801 34728	1905	3631	+++++ 200	+++++ 500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	385 10674	537 16552	1032 26867	2674	5248	5.00 200	10.0 300	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000006.D		
Lims ID:	STD01	Client ID:	
Inject. Date:	01-Sep-2012 11:50:14	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	STD01 HP8330L1_00004 5ng/mL;1		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	3377	Lims Sample ID:	2
Sublist:	chrom-8330_LC10*sub1		
Method:	\\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m		
Last Update:	13-Sep-2012 11:14:21	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		

First Level Reviewer: noonanr Date: 11-Sep-2012 13:41:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.240	5.235	0.005	699	5.56	
19 RDX						
1	7.593	7.579	0.014	631	7.09	
3 Ethylene glycol dinitrate						
2	8.300	8.305	-0.005	652	6.73	
10 2,4,6-Trinitrophenol						
2	8.707	8.685	0.022	1421	11.5	
1	8.733	8.685	0.048	955	11.6	
27 1,3,5-Trinitrobenzene						
1	10.003	9.992	0.011	953	5.86	
24 1,3-Dinitrobenzene						
1	12.673	12.682	-0.009	914	5.65	
9 3,5-Dinitroaniline						
1	13.447	13.449	-0.002	652	6.27	
20 Tetryl						
1	13.950	13.939	0.011	553	6.39	
5 Nitrobenzene						
1	14.493	14.495	-0.002	483	6.55	
7 Nitroglycerin						
2	15.147	15.202	-0.055	536	8.26	
25 2,4,6-Trinitrotoluene						
1	16.083	16.069	0.014	540	5.82	
26 4-Amino-2,6-dinitrotoluene						
1	16.557	16.619	-0.062	434	5.73	
$ 30 3,4-Dinitrotoluene						
1	17.087	17.072	0.015	385	6.84	
2	17.117	17.082	0.035	622	6.02	

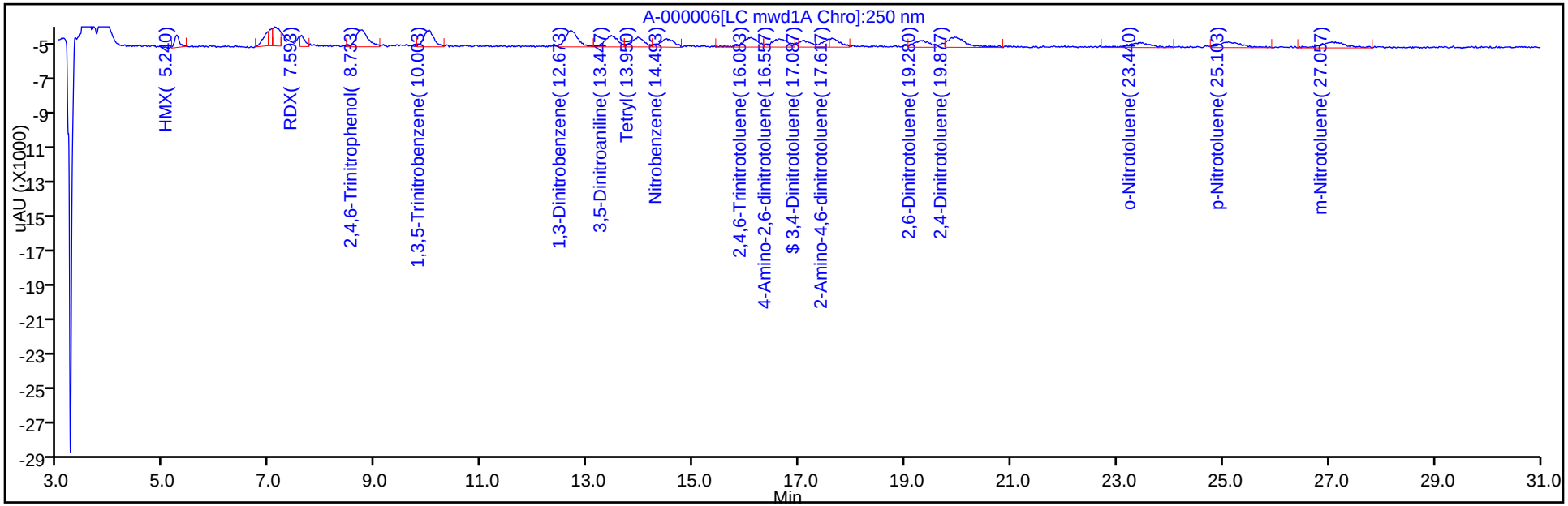
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.617	17.595	0.022	512	6.13	
12 2,6-Dinitrotoluene						
1	19.280	19.285	-0.005	389	6.53	
23 2,4-Dinitrotoluene						
1	19.877	19.925	-0.048	547	5.70	
16 o-Nitrotoluene						
1	23.440	23.415	0.025	294	6.60	
15 p-Nitrotoluene						
1	25.103	25.102	0.001	326	6.10	
8 m-Nitrotoluene						
1	27.057	27.052	0.005	339	6.29	
21 PETN						
2	29.613	29.649	-0.036	771	21.0	

Report Date: 13-Sep-2012 11:14:22 Chrom Revision: 2.1 12-Sep-2012 21:43:20

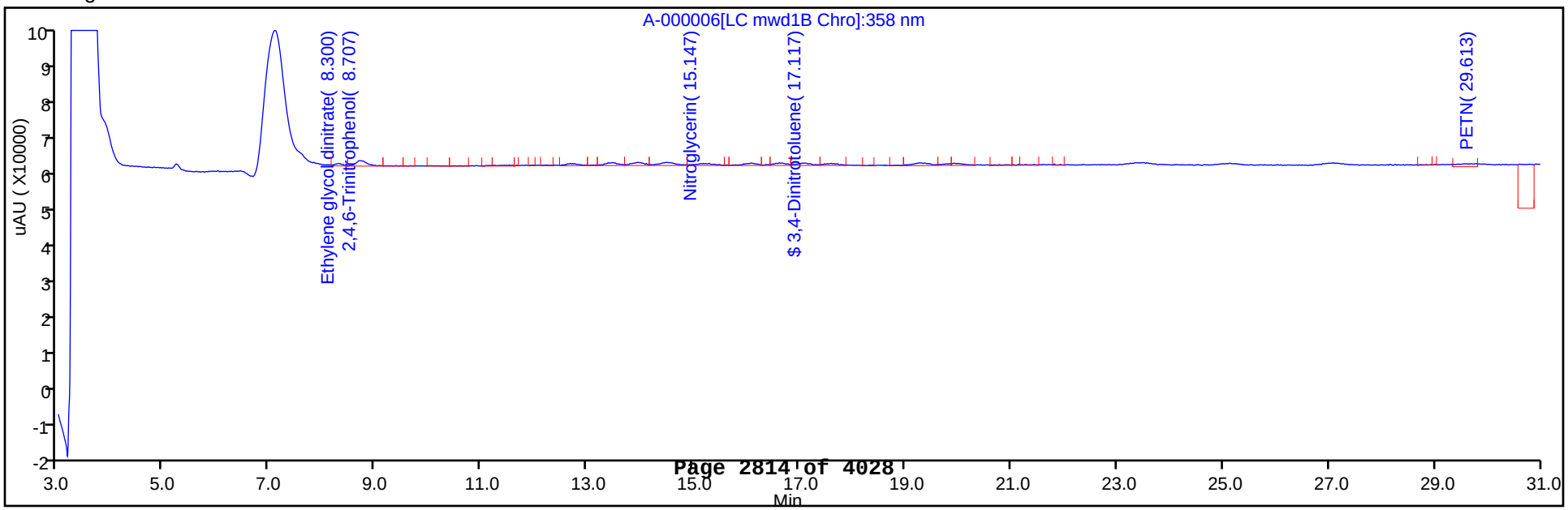
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000006.D		
Injection Date:	01-Sep-2012 11:50:14	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000007.D
Lims ID: STD02 Client ID:
Inject. Date: 01-Sep-2012 12:30:23 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: STD02 HP8330L2_00003 10ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 12
Lims Batch ID: 3377 Lims Sample ID: 3
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:53 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: chamberss Date: 11-Sep-2012 14:17:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.235	5.235	0.0	1311	10.4	
19 RDX						
1	7.588	7.579	0.009	975	10.9	
3 Ethylene glycol dinitrate						
2	8.315	8.305	0.010	1143	11.8	
10 2,4,6-Trinitrophenol						
2	8.718	8.685	0.033	2492	20.2	
1	8.718	8.685	0.033	1717	20.7	
27 1,3,5-Trinitrobenzene						
1	10.012	9.992	0.020	1723	10.6	
24 1,3-Dinitrobenzene						
1	12.699	12.682	0.017	1831	11.3	
9 3,5-Dinitroaniline						
1	13.449	13.449	0.0	1103	10.6	
20 Tetryl						
1	13.925	13.939	-0.014	873	10.1	
5 Nitrobenzene						
1	14.512	14.495	0.017	771	10.4	
7 Nitroglycerin						
2	15.225	15.202	0.023	628	9.68	
25 2,4,6-Trinitrotoluene						
1	16.075	16.069	0.006	977	10.5	
26 4-Amino-2,6-dinitrotoluene						
1	16.665	16.619	0.046	779	10.3	
$ 30 3,4-Dinitrotoluene						
1	17.075	17.072	0.003	537	9.52	
2	17.075	17.082	-0.007	883	8.55	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.619	17.595	0.024	894	10.7	
12 2,6-Dinitrotoluene						
1	19.342	19.285	0.057	629	10.5	
23 2,4-Dinitrotoluene						
1	19.965	19.925	0.040	1020	10.6	
16 o-Nitrotoluene						
1	23.442	23.415	0.027	514	11.5	
15 p-Nitrotoluene						
1	25.095	25.102	-0.007	612	11.5	
8 m-Nitrotoluene						
1	27.122	27.052	0.070	609	11.3	
21 PETN						
2	29.552	29.649	-0.097	427	11.6	

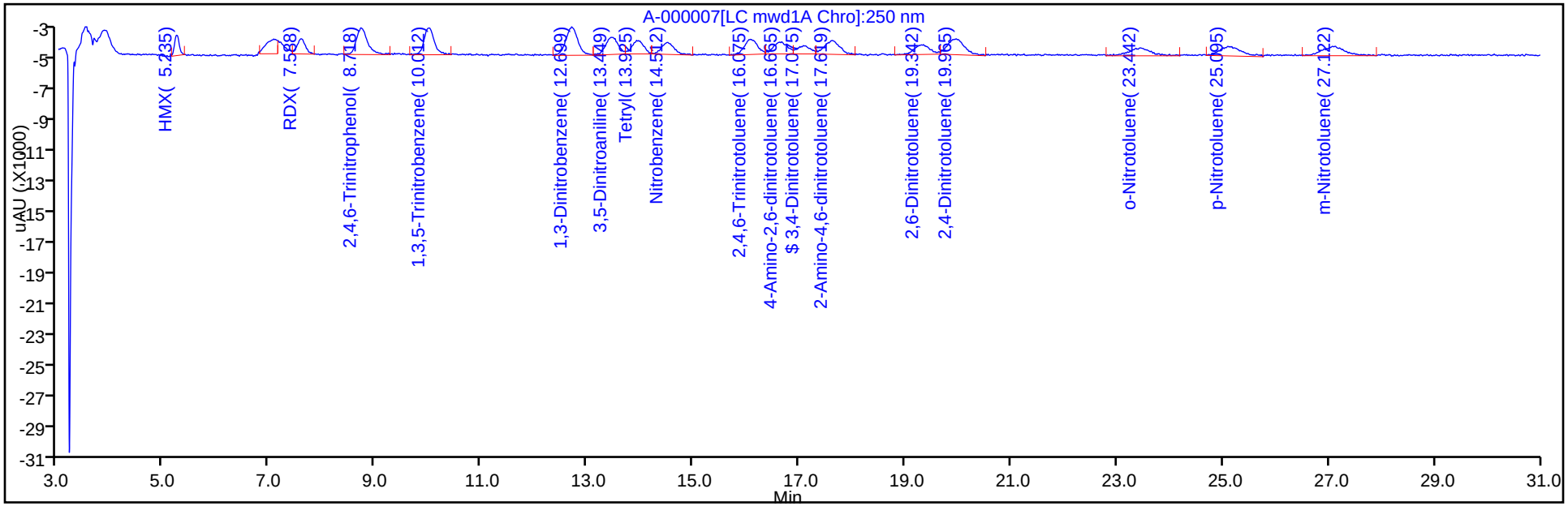
Report Date: 13-Sep-2012 10:19:53 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

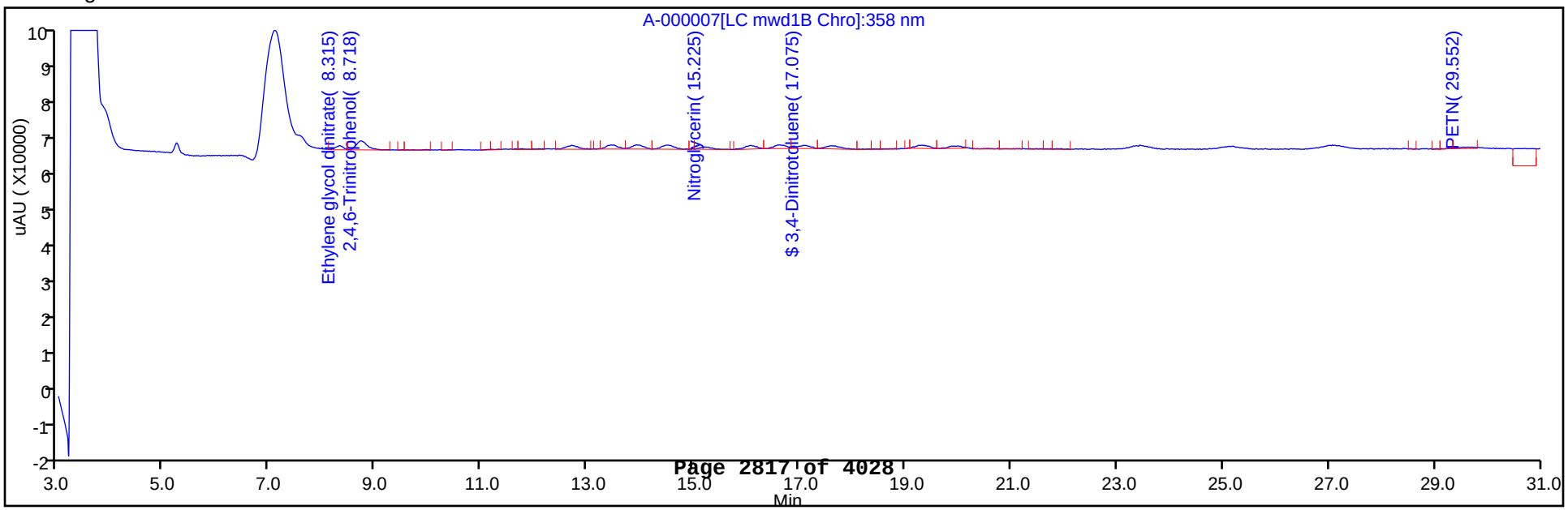
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000007.D

Injection Date:	01-Sep-2012 12:30:23	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000008.D		
Lims ID:	STD03	Client ID:	
Inject. Date:	01-Sep-2012 13:10:34	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	STD03 HP8330L3_00003 20ng/mL;1		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	3377	Lims Sample ID:	4
Sublist:	chrom-8330_LC10*sub1		
Method:	\\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m		
Last Update:	13-Sep-2012 10:19:54	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK003		

First Level Reviewer: chamberss Date: 11-Sep-2012 14:31:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.238	5.235	0.003	2654	21.1	
19 RDX						
1	7.585	7.579	0.006	1799	20.2	
3 Ethylene glycol dinitrate						
2	8.312	8.305	0.007	2132	22.0	
10 2,4,6-Trinitrophenol						
2	8.708	8.685	0.023	6331	51.4	
1	8.718	8.685	0.033	4198	50.7	
27 1,3,5-Trinitrobenzene						
1	9.998	9.992	0.006	3425	21.0	
24 1,3-Dinitrobenzene						
1	12.688	12.682	0.006	3375	20.9	
9 3,5-Dinitroaniline						
1	13.452	13.449	0.003	2059	19.8	
20 Tetryl						
1	13.952	13.939	0.013	1628	18.8	
5 Nitrobenzene						
1	14.502	14.495	0.007	1506	20.4	
7 Nitroglycerin						
2	15.205	15.202	0.003	1487	22.9	
25 2,4,6-Trinitrotoluene						
1	16.075	16.069	0.006	1863	20.1	
26 4-Amino-2,6-dinitrotoluene						
1	16.622	16.619	0.003	1492	19.7	
$ 30 3,4-Dinitrotoluene						
1	17.088	17.072	0.016	1032	18.3	
2	17.075	17.082	-0.007	2249	21.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.595	17.595	0.0	1687	20.2	
12 2,6-Dinitrotoluene						
1	19.318	19.285	0.033	1146	19.2	
23 2,4-Dinitrotoluene						
1	19.915	19.925	-0.010	1921	20.0	
16 o-Nitrotoluene						
1	23.412	23.415	-0.003	932	20.9	
15 p-Nitrotoluene						
1	25.135	25.102	0.033	1100	20.6	
8 m-Nitrotoluene						
1	27.035	27.052	-0.017	1091	20.2	
21 PETN						
2	29.672	29.649	0.023	801	21.8	

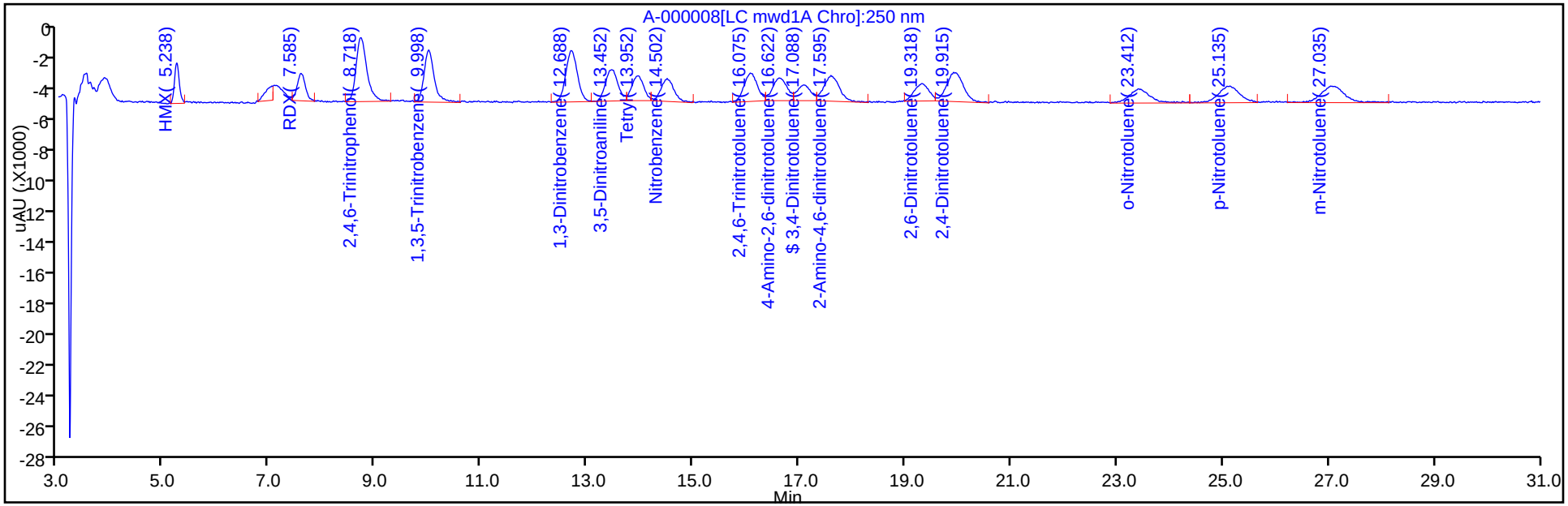
Report Date: 13-Sep-2012 10:19:54 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

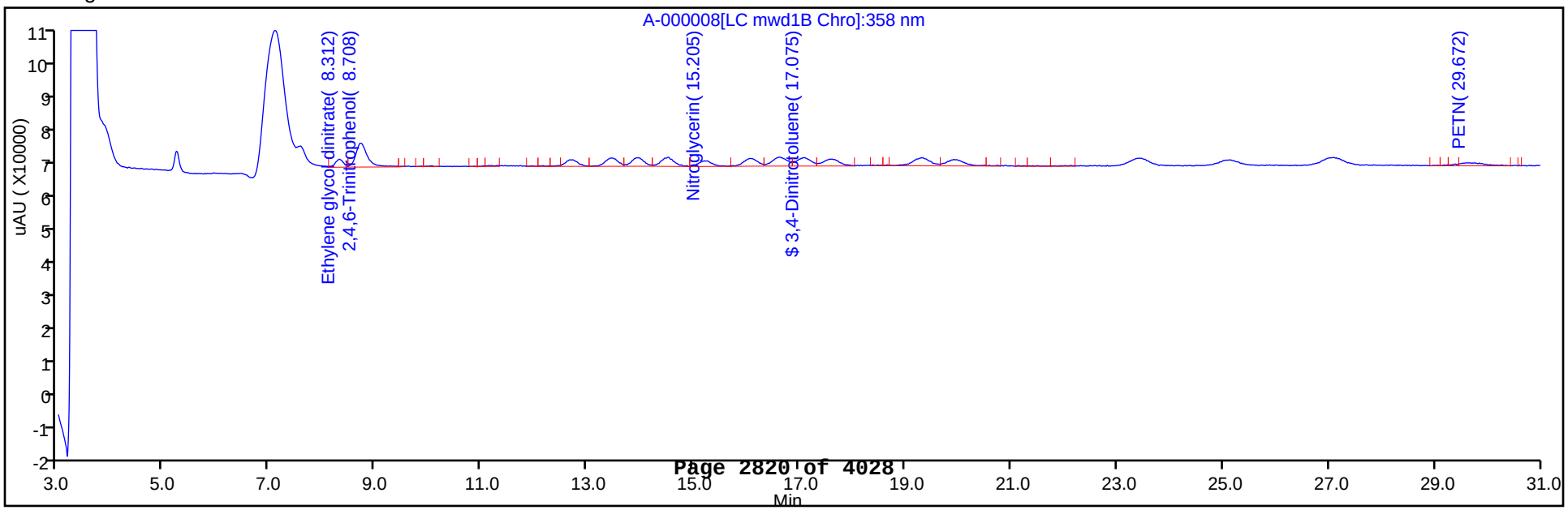
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000008.D

Injection Date:	01-Sep-2012 13:10:34	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

User Set Y Scaling: Alternate user entered



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000009.D		
Lims ID:	STD04	Client ID:	
Inject. Date:	01-Sep-2012 13:50:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	STD04 HP8330L4_00003 50ng/mL;1		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	3377	Lims Sample ID:	5
Sublist:	chrom-8330_LC10*sub1		
Method:	\\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m		
Last Update:	13-Sep-2012 10:19:55	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK003		

First Level Reviewer: chamberss Date: 11-Sep-2012 14:15:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.235	5.235	0.0	6327	50.3	
19 RDX						
1	7.585	7.579	0.006	4453	50.0	
3 Ethylene glycol dinitrate						
2	8.302	8.305	-0.003	4979	51.4	
10 2,4,6-Trinitrophenol						
2	8.702	8.685	0.017	13018	105.7	
1	8.698	8.685	0.013	8740	105.7	
27 1,3,5-Trinitrobenzene						
1	9.995	9.992	0.003	8146	50.1	
24 1,3-Dinitrobenzene						
1	12.692	12.682	0.010	8027	49.6	
9 3,5-Dinitroaniline						
1	13.455	13.449	0.006	5198	50.0	
20 Tetryl						
1	13.942	13.939	0.003	4225	48.8	
5 Nitrobenzene						
1	14.495	14.495	0.0	3643	49.4	
7 Nitroglycerin						
2	15.209	15.202	0.007	3288	50.7	
25 2,4,6-Trinitrotoluene						
1	16.085	16.069	0.016	4578	49.3	
26 4-Amino-2,6-dinitrotoluene						
1	16.635	16.619	0.016	3825	50.5	
$ 30 3,4-Dinitrotoluene						
1	17.079	17.072	0.007	2674	47.5	
2	17.065	17.082	-0.017	5072	49.1	

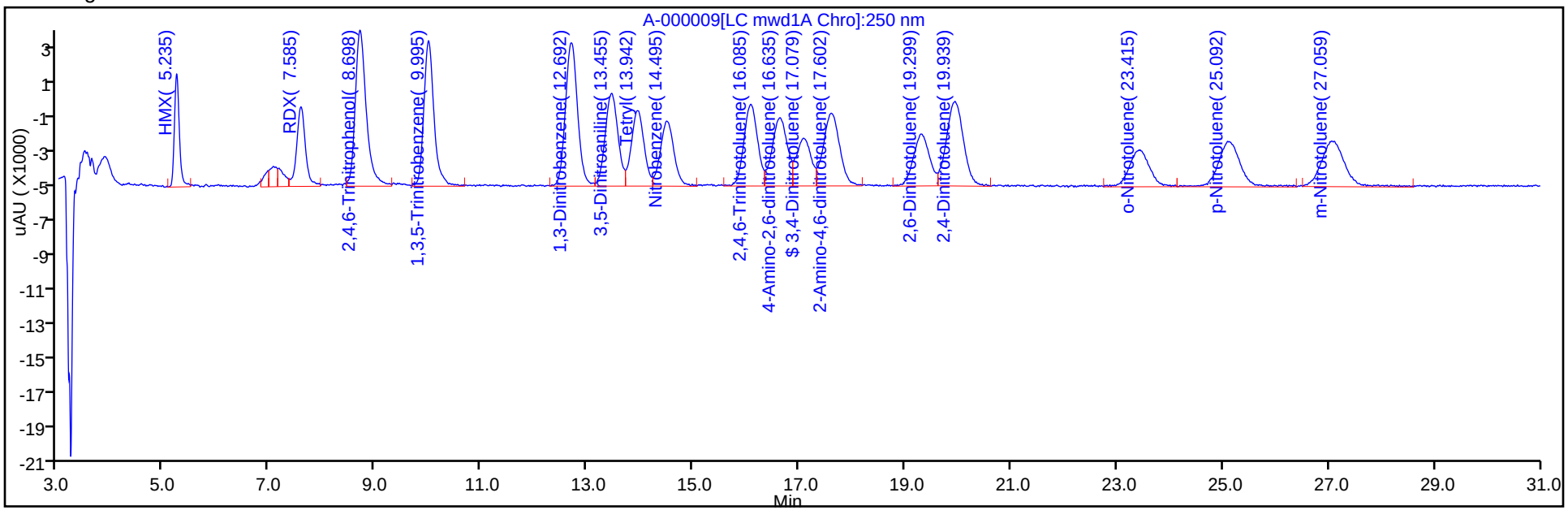
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.602	17.595	0.007	4074	48.7	
12 2,6-Dinitrotoluene						
1	19.299	19.285	0.014	2907	48.8	
23 2,4-Dinitrotoluene						
1	19.939	19.925	0.014	4738	49.4	
16 o-Nitrotoluene						
1	23.415	23.415	0.0	2064	46.3	
15 p-Nitrotoluene						
1	25.092	25.102	-0.010	2547	47.7	
8 m-Nitrotoluene						
1	27.059	27.052	0.007	2555	47.4	
21 PETN						
2	29.662	29.649	0.013	1905	51.9	

Report Date: 13-Sep-2012 10:19:55 Chrom Revision: 2.1 12-Sep-2012 21:43:20

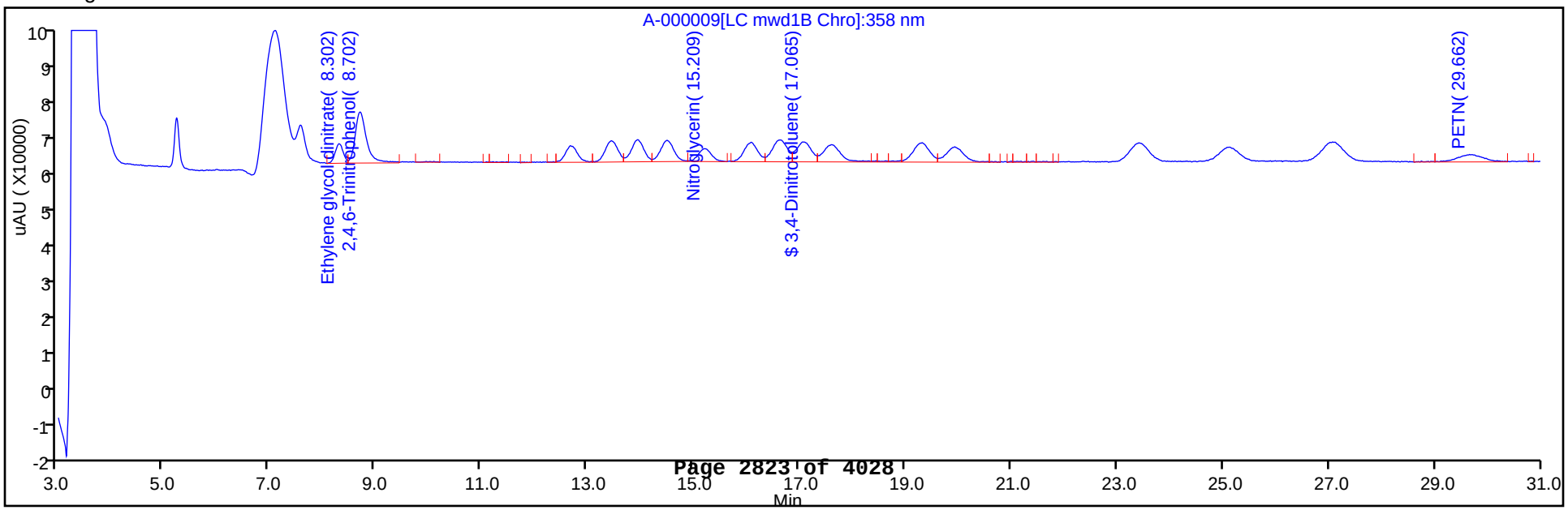
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000009.D		
Injection Date:	01-Sep-2012 13:50:42	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000010.D
Lims ID: STD05 Client ID:
Inject. Date: 01-Sep-2012 14:30:45 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: STD05 HP8330L5_00004 100ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 15
Lims Batch ID: 3377 Lims Sample ID: 6
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:55 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:24:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.235	5.235	0.0	12739	101.2	
19 RDX						
1	7.579	7.579	0.0	8536	95.8	
3 Ethylene glycol dinitrate						
2	8.305	8.305	0.0	10281	106.1	
10 2,4,6-Trinitrophenol						
2	8.685	8.685	0.0	25652	208.3	
1	8.685	8.685	0.0	16956	205.0	
27 1,3,5-Trinitrobenzene						
1	9.992	9.992	0.0	16163	99.3	
24 1,3-Dinitrobenzene						
1	12.682	12.682	0.0	16021	99.1	
9 3,5-Dinitroaniline						
1	13.449	13.449	0.0	10139	97.6	
20 Tetryl						
1	13.939	13.939	0.0	8264	95.5	
5 Nitrobenzene						
1	14.495	14.495	0.0	7116	96.5	
7 Nitroglycerin						
2	15.202	15.202	0.0	6542	100.8	
25 2,4,6-Trinitrotoluene						
1	16.069	16.069	0.0	8981	96.8	
26 4-Amino-2,6-dinitrotoluene						
1	16.619	16.619	0.0	7452	98.4	
$ 30 3,4-Dinitrotoluene						
1	17.072	17.072	0.0	5248	93.2	
2	17.082	17.082	0.0	10171	98.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.595	17.595	0.0	8044	96.2	
12 2,6-Dinitrotoluene						
1	19.285	19.285	0.0	5620	94.3	
23 2,4-Dinitrotoluene						
1	19.925	19.925	0.0	9373	97.7	
16 o-Nitrotoluene						
1	23.415	23.415	0.0	4150	93.1	
15 p-Nitrotoluene						
1	25.102	25.102	0.0	5047	94.5	
8 m-Nitrotoluene						M
1	27.052	27.052	0.0	5003	92.8	M
21 PETN						
2	29.649	29.649	0.0	3631	98.9	

QC Flag Legend

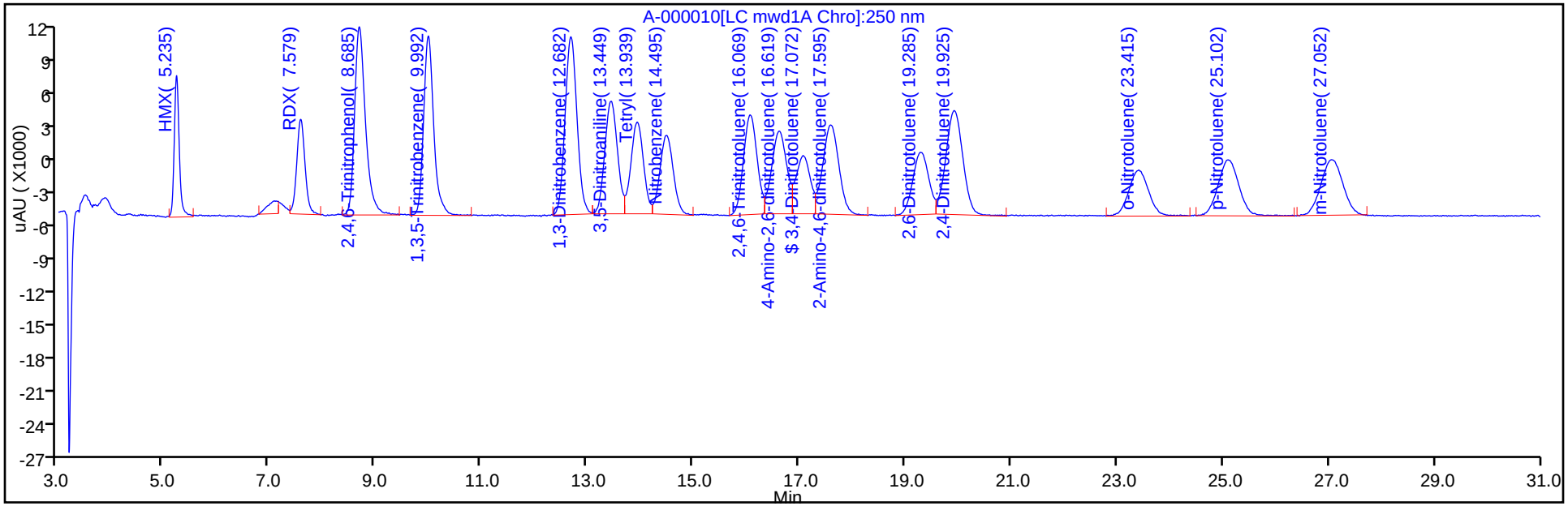
Review Flags
M - Manually Integrated

Report Date: 13-Sep-2012 10:19:56 Chrom Revision: 2.1 12-Sep-2012 21:43:20

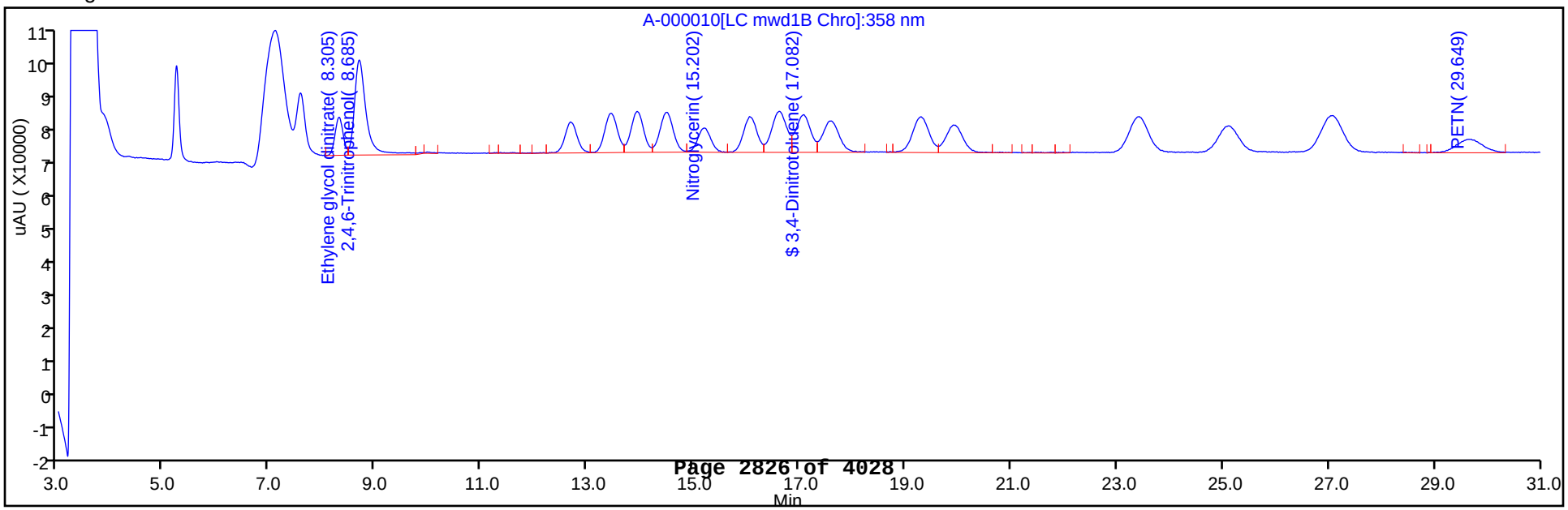
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000010.D		
Injection Date:	01-Sep-2012 14:30:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

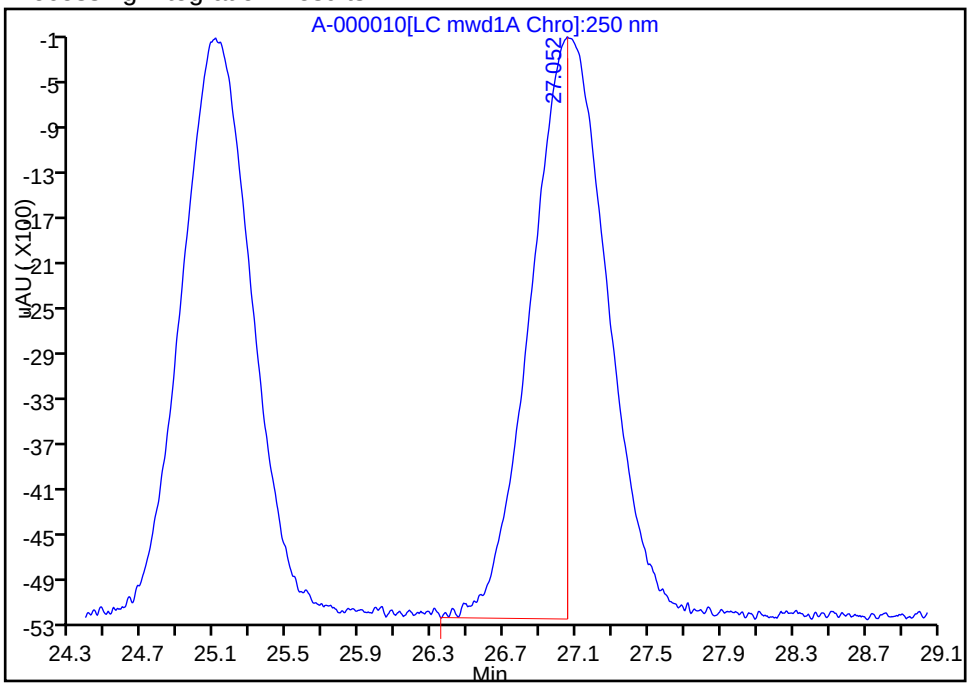
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000010.D		
Injection Date:	01-Sep-2012 14:30:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 27.05, Det: LC mwd1A

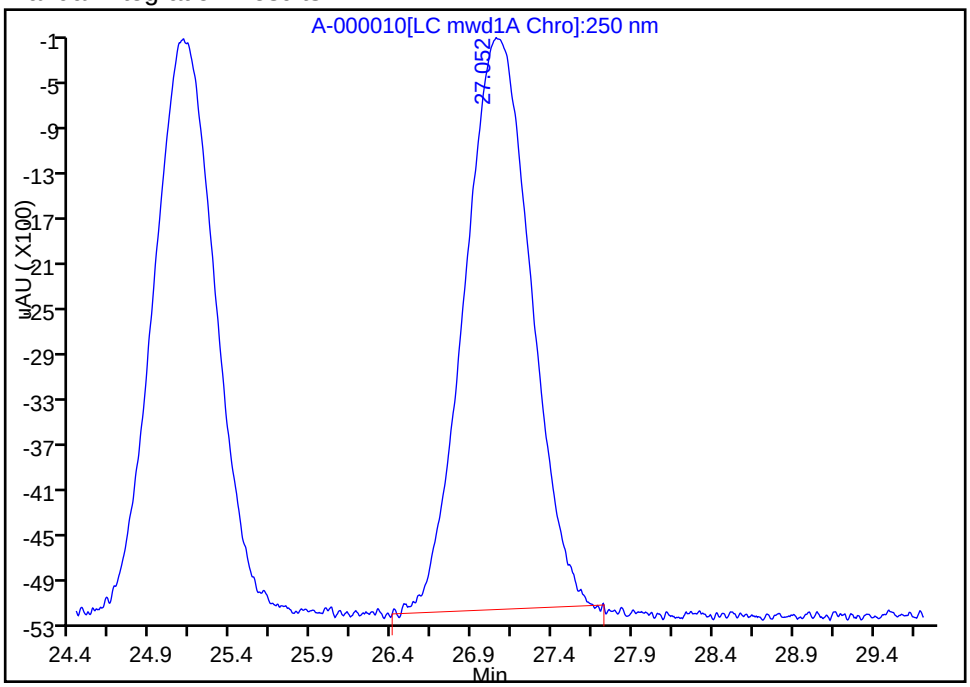
Processing Integration Results

RT: 27.05
Response: 5091
Amount: 94.175972



Manual Integration Results

RT: 27.05
Response: 5003
Amount: 92.750560



Reviewer: noonanr, 13-Sep-2012 09:42:08
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000011.D
Lims ID: STD06 Client ID:
Inject. Date: 01-Sep-2012 15:10:52 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: STD06 HP8330L6_00004 200ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 16
Lims Batch ID: 3377 Lims Sample ID: 7
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:56 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:26:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.233	5.235	-0.002	25014	198.8	
19 RDX						
1	7.573	7.579	-0.006	16712	187.8	
3 Ethylene glycol dinitrate						
2	8.296	8.305	-0.009	20128	207.8	
10 2,4,6-Trinitrophenol						
2	8.650	8.685	-0.035	61874	502.4	
1	8.650	8.685	-0.035	41089	497.0	
27 1,3,5-Trinitrobenzene						
1	9.986	9.992	-0.006	31839	195.7	
24 1,3-Dinitrobenzene						
1	12.677	12.682	-0.005	31698	196.1	
9 3,5-Dinitroaniline						
1	13.437	13.449	-0.012	20311	195.4	
20 Tetryl						
1	13.933	13.939	-0.006	16873	194.9	
5 Nitrobenzene						
1	14.487	14.495	-0.008	14274	193.5	
7 Nitroglycerin						
2	15.197	15.202	-0.005	12931	199.3	
25 2,4,6-Trinitrotoluene						
1	16.067	16.069	-0.002	18091	194.9	
26 4-Amino-2,6-dinitrotoluene						
1	16.607	16.619	-0.012	15085	199.1	
$ 30 3,4-Dinitrotoluene						
1	17.073	17.072	0.001	10674	189.4	
2	17.070	17.082	-0.012	19828	191.9	

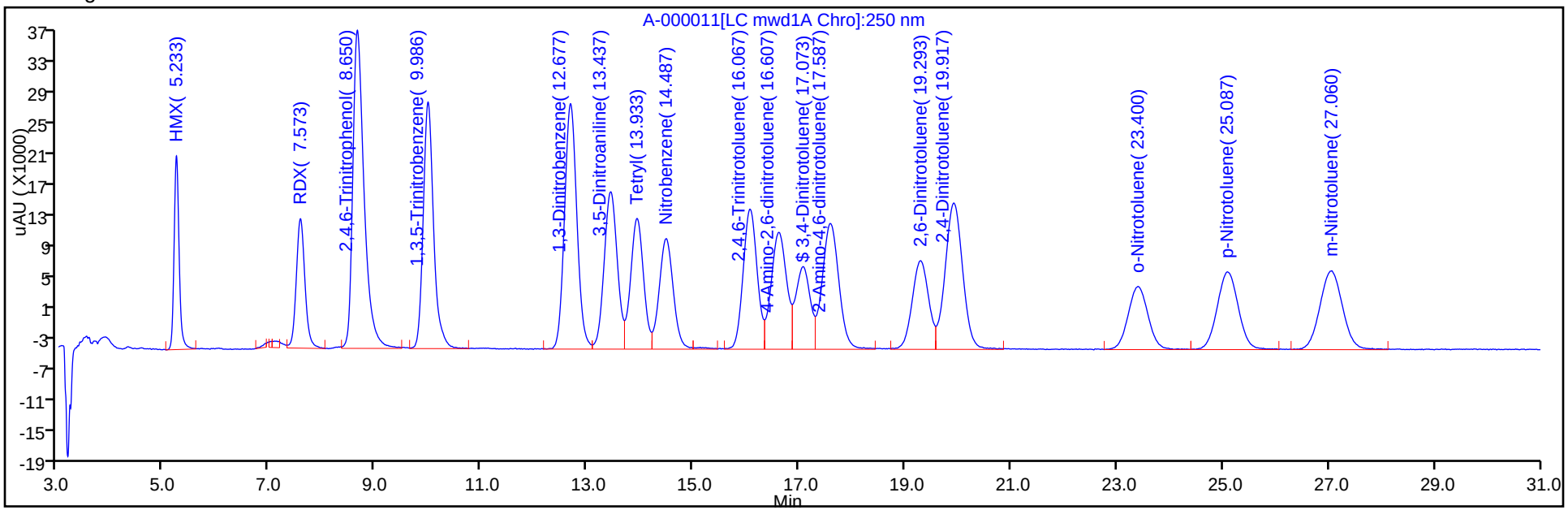
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.587	17.595	-0.008	16240	194.2	
12 2,6-Dinitrotoluene						
1	19.293	19.285	0.008	11446	192.1	
23 2,4-Dinitrotoluene						
1	19.917	19.925	-0.008	18903	196.9	
16 o-Nitrotoluene						
1	23.400	23.415	-0.015	8159	183.1	
15 p-Nitrotoluene						
1	25.087	25.102	-0.015	10033	187.7	
8 m-Nitrotoluene						
1	27.060	27.052	0.008	10192	188.9	
21 PETN						
2	29.663	29.649	0.014	7108	193.5	

Report Date: 13-Sep-2012 10:19:57 Chrom Revision: 2.1 12-Sep-2012 21:43:20

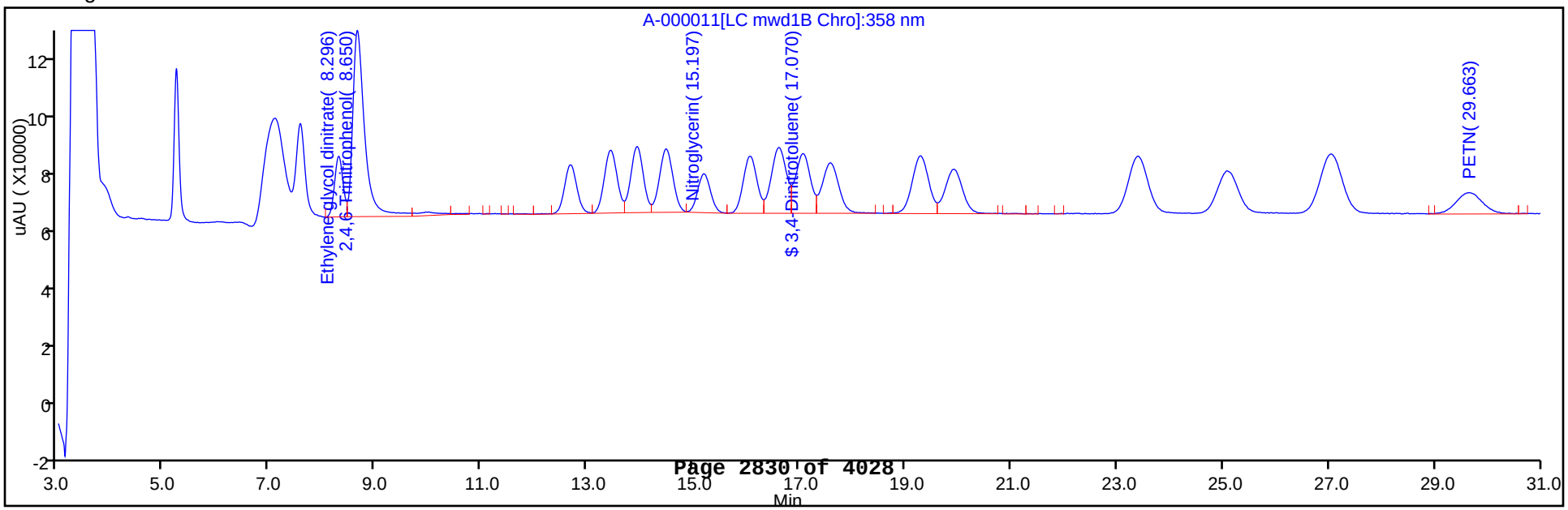
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000011.D		
Injection Date:	01-Sep-2012 15:10:52	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000012.D
Lims ID: STD07 Client ID:
Inject. Date: 01-Sep-2012 15:50:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: STD07 HP8330L7_00003 500ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 17
Lims Batch ID: 3377 Lims Sample ID: 8
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:57 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:26:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.219	5.235	-0.016	60012	477.0	
19 RDX						
1	7.552	7.579	-0.027	38684	434.7	
3 Ethylene glycol dinitrate						
2	8.275	8.305	-0.030	46640	481.5	
10 2,4,6-Trinitrophenol						
2	8.589	8.685	-0.096	113505	921.6	
1	8.589	8.685	-0.096	76565	926.2	
27 1,3,5-Trinitrobenzene						
1	9.965	9.992	-0.027	75872	466.4	
24 1,3-Dinitrobenzene						
1	12.652	12.682	-0.030	75133	464.7	
9 3,5-Dinitroaniline						
1	13.406	13.449	-0.043	48539	467.1	
20 Tetryl						
1	13.912	13.939	-0.027	41709	481.9	
5 Nitrobenzene						
1	14.459	14.495	-0.036	33500	454.3	
7 Nitroglycerin						
2	15.172	15.202	-0.030	31323	482.7	
25 2,4,6-Trinitrotoluene						
1	16.046	16.069	-0.023	44540	480.0	
26 4-Amino-2,6-dinitrotoluene						
1	16.579	16.619	-0.040	36822	486.2	
$ 30 3,4-Dinitrotoluene						
1	17.032	17.072	-0.040	16552	293.9	
2	17.046	17.082	-0.036	30648	296.6	

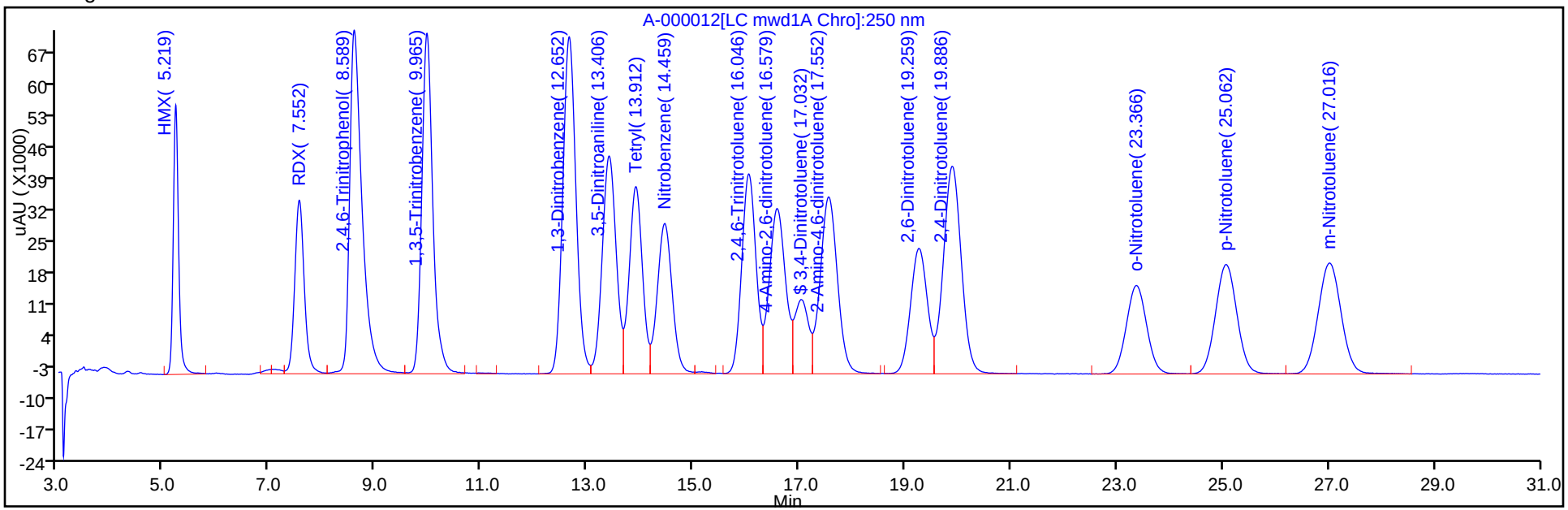
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.552	17.595	-0.043	39404	471.4	
12 2,6-Dinitrotoluene						
1	19.259	19.285	-0.026	27941	469.0	
23 2,4-Dinitrotoluene						
1	19.886	19.925	-0.039	46229	481.7	
16 o-Nitrotoluene						
1	23.366	23.415	-0.049	19740	443.0	
15 p-Nitrotoluene						
1	25.062	25.102	-0.040	24382	456.3	
8 m-Nitrotoluene						
1	27.016	27.052	-0.036	24716	458.3	
21 PETN						
2	29.619	29.649	-0.030	17810	485.0	

Report Date: 13-Sep-2012 10:19:57 Chrom Revision: 2.1 12-Sep-2012 21:43:20

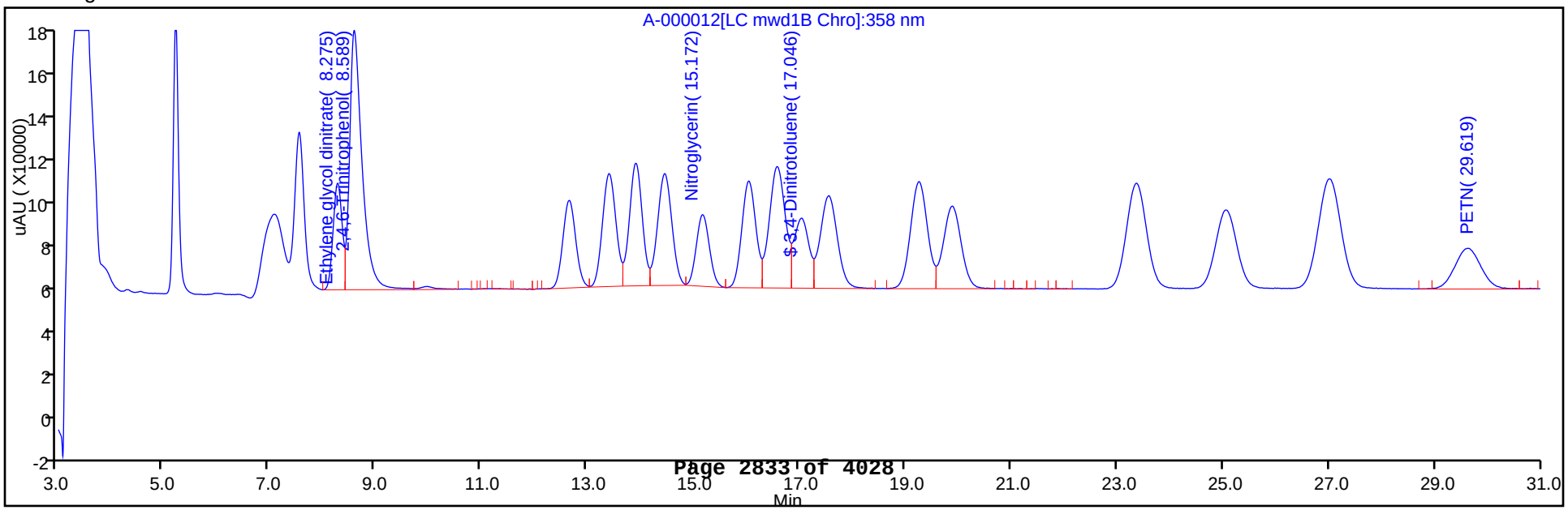
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000012.D		
Injection Date:	01-Sep-2012 15:50:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Lims ID: STD08 Client ID:
Inject. Date: 01-Sep-2012 16:31:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: STD08 HP8330L1_00003 1000ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 18
Lims Batch ID: 3377 Lims Sample ID: 9
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:58 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:31:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.195	5.235	-0.040	103824	825.3	
19 RDX						
1	7.512	7.579	-0.067	62894	706.8	
3 Ethylene glycol dinitrate						
2	8.245	8.305	-0.060	78274	808.1	
10 2,4,6-Trinitrophenol						
2	8.499	8.685	-0.186	192528	1563.2	
1	8.495	8.685	-0.190	130237	1575.4	
27 1,3,5-Trinitrobenzene						
1	9.925	9.992	-0.067	131741	809.9	
24 1,3-Dinitrobenzene						
1	12.602	12.682	-0.080	129194	799.1	
9 3,5-Dinitroaniline						
1	13.349	13.449	-0.100	83656	805.1	
20 Tetryl						
1	13.866	13.939	-0.073	78184	903.3	
5 Nitrobenzene						
1	14.399	14.495	-0.096	58527	793.7	
7 Nitroglycerin						
2	15.126	15.202	-0.076	56481	870.5	
25 2,4,6-Trinitrotoluene						
1	16.002	16.069	-0.067	82556	889.7	
26 4-Amino-2,6-dinitrotoluene						
1	16.519	16.619	-0.100	66457	877.5	
$ 30 3,4-Dinitrotoluene						
1	16.972	17.072	-0.100	26867	477.1	
2	16.982	17.082	-0.100	48479	469.2	

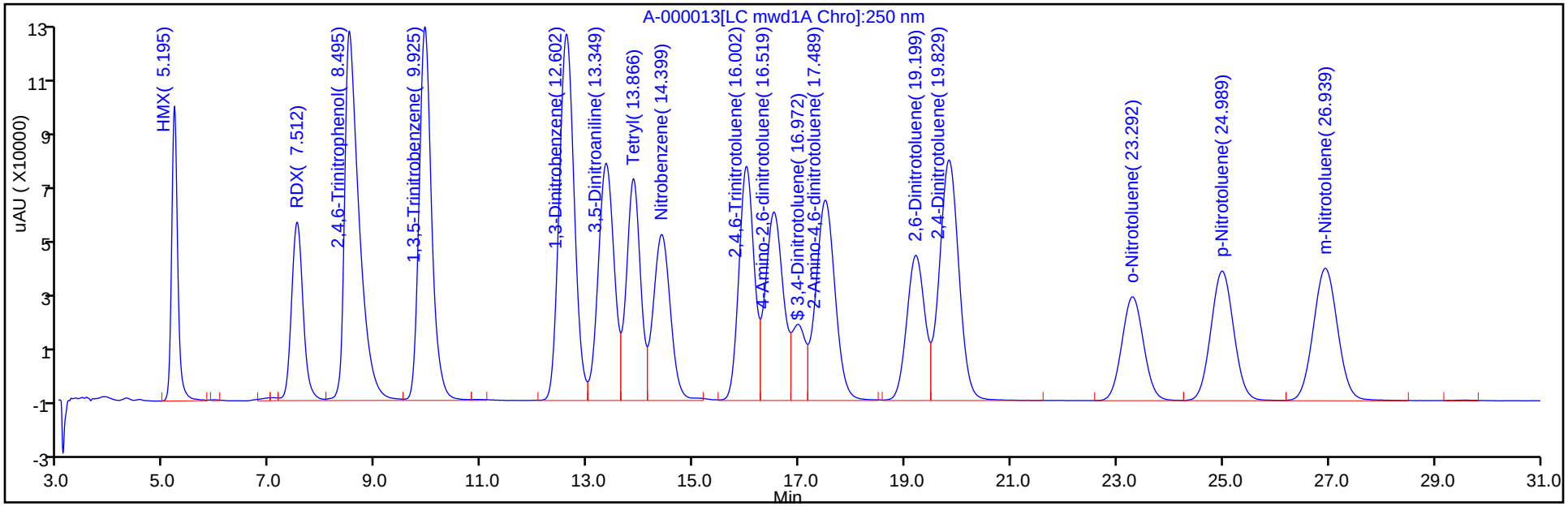
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.489	17.595	-0.106	70652	845.2	
12 2,6-Dinitrotoluene						
1	19.199	19.285	-0.086	51202	859.4	
23 2,4-Dinitrotoluene						
1	19.829	19.925	-0.096	84833	884.0	
16 o-Nitrotoluene						
1	23.292	23.415	-0.123	36585	821.1	
15 p-Nitrotoluene						
1	24.989	25.102	-0.113	45695	855.2	
8 m-Nitrotoluene						
1	26.939	27.052	-0.113	46712	866.1	
21 PETN						
2	29.569	29.649	-0.080	34728	945.6	

Report Date: 13-Sep-2012 10:19:58 Chrom Revision: 2.1 12-Sep-2012 21:43:20

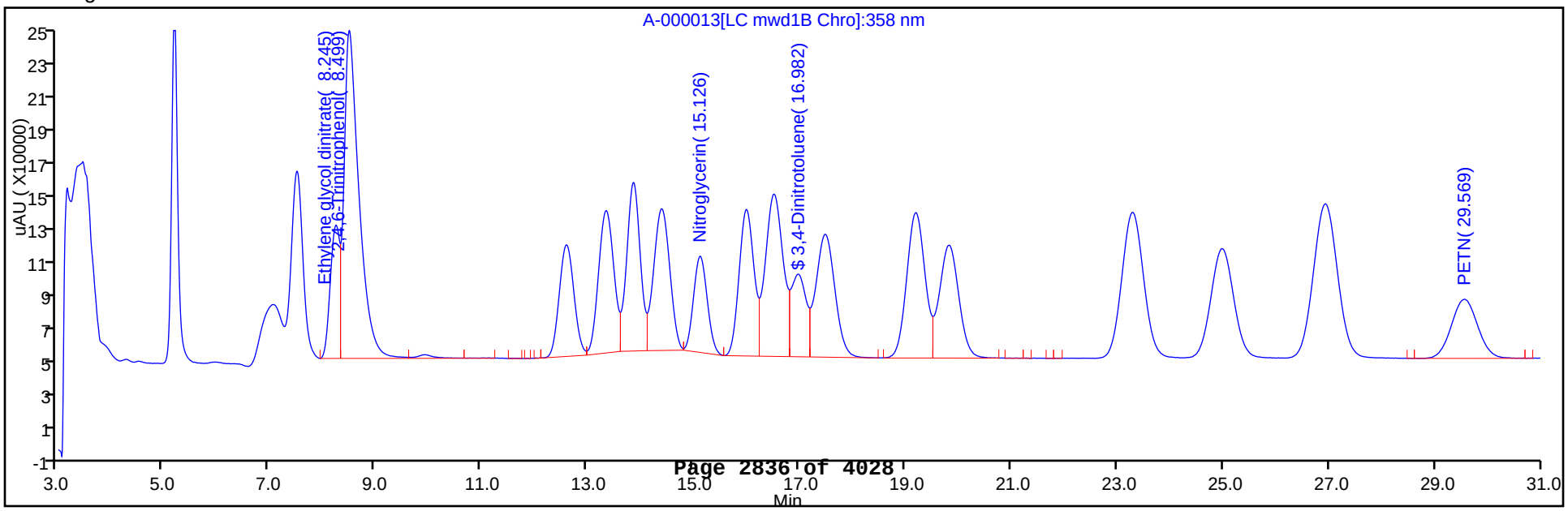
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Injection Date:	01-Sep-2012 16:31:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-4221/2	C-000004.D
Level 2	STD02 320-4221/3	C-000005.D
Level 3	STD03 320-4221/4	C-000006.D
Level 4	STD04 320-4221/5	C-000007.D
Level 5	STD05 320-4221/6	C-000008.D
Level 6	STD06 320-4221/7	C-000009.D
Level 7	STD07 320-4221/8	C-000010.D
Level 8	STD08 320-4221/9	C-000011.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
Nitrobenzene	21.445	21.475	21.441	21.416	21.424	21.418	21.377	21.419			21.195 - 21.695	21.427
Ethylene glycol dinitrate	+++++	+++++	22.331	22.363	22.354	22.341	22.310	22.305			22.139 - 22.639	22.343
1,3-Dinitrobenzene	24.385	24.365	24.371	24.346	24.360	24.341	24.310	24.362			24.135 - 24.635	24.355
1,3,5-Trinitrobenzene	26.912	26.898	26.881	26.863	26.877	26.851	26.824	26.872			26.639 - 27.139	26.872
2-Nitrotoluene	28.422	28.458	28.421	28.406	28.430	28.398	28.384	+++++			28.212 - 28.712	28.423
4-Nitrotoluene	28.422	28.458	28.421	28.406	28.430	28.398	28.384	+++++			28.212 - 28.712	28.423
3-Nitrotoluene	29.035	29.018	28.985	28.979	28.994	28.958	28.934				28.782 - 29.282	28.986
3,5-Dinitroaniline	30.502	30.518	30.471	30.463	30.480	30.451	30.440	30.512			30.275 - 30.775	30.480
RDX	31.199	31.168	31.141	31.126	31.134	31.105	31.094	31.139			30.939 - 31.439	31.138
2,4-Dinitrotoluene	32.099	32.095	32.058	32.039	32.060	32.025	32.017	32.089			31.849 - 32.349	32.060
2,6-Dinitrotoluene	33.079	33.078	33.008	33.016	33.030	32.991	32.990	33.062			32.825 - 33.325	33.032
2-Amino-4,6-dinitrotoluene	35.235	35.242	35.205	35.183	35.194	35.158	35.164	35.255			35.015 - 35.515	35.205
4-Amino-2,6-dinitrotoluene	35.829	35.835	35.761	35.766	35.774	35.731	35.734	35.789			35.599 - 36.099	35.777
2,4,6-Trinitrotoluene	39.622	39.598	39.571	39.556	39.560	39.538	39.544	39.605			39.365 - 39.865	39.574
HMX	41.772	41.778	41.738	41.746	41.740	41.715	41.727	41.779			41.552 - 42.052	41.749
Nitroglycerin	+++++	+++++	44.121	44.129	44.130	44.108	44.117	44.189			43.935 - 44.435	44.138
Tetryl	45.955	45.932	45.908	45.922	45.920	45.905	45.910	46.005			45.735 - 46.235	45.932
PETN	+++++	+++++	52.631	52.626	52.630	52.628	52.630	52.702			52.422 - 52.922	52.642
3,4-Dinitrotoluene	37.689	37.632	37.618	37.606	37.604	37.571	37.577	37.652			37.425 - 37.925	37.619

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-4221/2	C-000004.D
Level 2	STD02 320-4221/3	C-000005.D
Level 3	STD03 320-4221/4	C-000006.D
Level 4	STD04 320-4221/5	C-000007.D
Level 5	STD05 320-4221/6	C-000008.D
Level 6	STD06 320-4221/7	C-000009.D
Level 7	STD07 320-4221/8	C-000010.D
Level 8	STD08 320-4221/9	C-000011.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 7	LVL 4 LVL 8		B	M1	M2								
Nitrobenzene	54.800 46.890	50.700 45.370	48.500 40.138	46.600 31.779	Ave		45.5971250				15.0		20.0			
Ethylene glycol dinitrate	+++++ 22.530	+++++ 21.415	24.850 19.432	22.220 16.105	Ave		21.0920000				14.0		20.0			
1,3-Dinitrobenzene	116.60 101.54	111.70 99.195	107.55 90.810	101.82 73.865	Ave		100.385000				13.0		20.0			
1,3,5-Trinitrobenzene	89.800 78.710	86.800 77.705	82.350 73.146	78.660 62.902	Ave		78.7591250				11.0		20.0			
2-Nitrotoluene	69.400 59.540	64.900 58.370	62.050 53.264	58.720 +++++	Ave		60.8920000				8.5		20.0			
4-Nitrotoluene	69.400 59.540	64.900 58.370	62.050 53.264	58.720 +++++	Ave		60.8920000				8.5		20.0			
3-Nitrotoluene	48.600 38.990	43.000 38.320	41.150 35.354	38.240	Ave		40.5220000				11.0		20.0			
3,5-Dinitroaniline	93.000 79.640	88.100 78.470	84.950 72.796	80.000 60.329	Ave		79.6606250				13.0		20.0			
RDX	58.000 46.850	51.800 45.810	49.950 42.648	46.880 35.987	Ave		47.2406250				14.0		20.0			
2,4-Dinitrotoluene	110.80 90.950	101.90 89.515	96.400 84.300	90.960 71.751	Ave		92.0720000				13.0		20.0			
2,6-Dinitrotoluene	64.200 53.720	60.800 53.020	56.800 49.932	53.680 42.712	Ave		54.3580000				12.0		20.0			
2-Amino-4,6-dinitrotoluene	98.000 73.810	81.500 72.935	78.000 69.376	73.920 59.533	Ave		75.8842500				15.0		20.0			
4-Amino-2,6-dinitrotoluene	75.600 61.640	69.800 61.325	64.550 58.766	61.960 51.500	Ave		63.1426250				11.0		20.0			
2,4,6-Trinitrotoluene	79.400 73.430	79.400 73.045	76.100 71.404	72.420 65.557	Ave		73.8445000				6.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

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 7	LVL 4 LVL 8		B	M1	M2								
HMX	71.600 60.610	69.700 60.315	63.300 59.062	61.020 53.842	Ave		62.4311250				9.2		20.0			
Nitroglycerin	+++++ 86.810	+++++ 86.870	94.150 85.430	87.360 78.528	Ave		86.5246667				5.8		20.0			
Tetryl	128.00 114.53	124.90 114.50	118.50 114.33	113.80 107.97	Ave		117.066375				5.6		20.0			
PETN	+++++ 152.19	+++++ 150.21	155.05 151.75	149.94 150.08	Ave		151.536167				1.3		20.0			
3,4-Dinitrotoluene	61.800 46.460	53.200 45.165	49.750 44.800	45.940 39.392	Ave		48.3133750				14.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-4221/2	C-000004.D
Level 2	STD02 320-4221/3	C-000005.D
Level 3	STD03 320-4221/4	C-000006.D
Level 4	STD04 320-4221/5	C-000007.D
Level 5	STD05 320-4221/6	C-000008.D
Level 6	STD06 320-4221/7	C-000009.D
Level 7	STD07 320-4221/8	C-000010.D
Level 8	STD08 320-4221/9	C-000011.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Nitrobenzene	Ave	274 9074	507 20069	970 31779	2330	4689	5.00 200	10.0 500	20.0 1000	50.0	100
Ethylene glycol dinitrate	Ave	+++++ 4283	+++++ 9716	497 16105	1111	2253	+++++ 200	+++++ 500	20.0 1000	50.0	100
1,3-Dinitrobenzene	Ave	583 19839	1117 45405	2151 73865	5091	10154	5.00 200	10.0 500	20.0 1000	50.0	100
1,3,5-Trinitrobenzene	Ave	449 15541	868 36573	1647 62902	3933	7871	5.00 200	10.0 500	20.0 1000	50.0	100
2-Nitrotoluene	Ave	347 11674	649 26632	1241 +++++	2936	5954	5.00 200	10.0 500	20.0 +++++	50.0	100
4-Nitrotoluene	Ave	347 11674	649 26632	1241 +++++	2936	5954	5.00 200	10.0 500	20.0 +++++	50.0	100
3-Nitrotoluene	Ave	243 7664	430 17677	823	1912	3899	5.00 200	10.0 500	20.0	50.0	100
3,5-Dinitroaniline	Ave	465 15694	881 36398	1699 60329	4000	7964	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	290 9162	518 21324	999 35987	2344	4685	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	554 17903	1019 42150	1928 71751	4548	9095	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	321 10604	608 24966	1136 42712	2684	5372	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	490 14587	815 34688	1560 59533	3696	7381	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	378 12265	698 29383	1291 51500	3098	6164	5.00 200	10.0 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	397 14609	794 35702	1522 65557	3621	7343	5.00 200	10.0 500	20.0 1000	50.0	100
HMX	Ave	358 12063	697 29531	1266 53842	3051	6061	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica West Sacramento Job No.: 240-17422-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Nitroglycerin	Ave	+++++ 17374	+++++ 42715	1883 78528	4368	8681	+++++ 200	+++++ 500	20.0 1000	50.0	100
Tetryl	Ave	640 22900	1249 57167	2370 107967	5690	11453	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	+++++ 30042	+++++ 75876	3101 150075	7497	15219	+++++ 200	+++++ 500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	309 9033	532 13440	995 19696	2297	4646	5.00 200	10.0 300	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000004.D		
Lims ID:	STD01	Client ID:	
Inject. Date:	01-Oct-2012 12:30:50	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	HP8330L1_00004 5ng/mL;1;320-0000975-002		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	4221	Lims Sample ID:	2
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:27	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:00:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.445	21.445	0.0	274	6.01	
3 Ethylene glycol dinitrate						
2	22.385	22.389	-0.004	212	10.1	
24 1,3-Dinitrobenzene						
1	24.385	24.385	0.0	583	5.81	
27 1,3,5-Trinitrobenzene						
1	26.912	26.889	0.023	449	5.70	
16 o-Nitrotoluene						
1	28.422	28.462	-0.040	347	5.70	
15 p-Nitrotoluene						
1	28.422	28.462	-0.040	347	5.70	
8 m-Nitrotoluene						
1	29.035	29.032	0.003	243	6.00	
9 3,5-Dinitroaniline						
1	30.502	30.525	-0.023	465	5.84	
19 RDX						
1	31.199	31.189	0.010	290	6.14	
23 2,4-Dinitrotoluene						
1	32.099	32.099	0.0	554	6.02	
12 2,6-Dinitrotoluene						
1	33.079	33.075	0.004	321	5.91	
6 2-Amino-4,6-dinitrotoluene						
1	35.235	35.265	-0.030	490	6.46	
26 4-Amino-2,6-dinitrotoluene						
1	35.829	35.849	-0.020	378	5.99	
$ 30 3,4-Dinitrotoluene						
1	37.689	37.675	0.014	309	6.40	

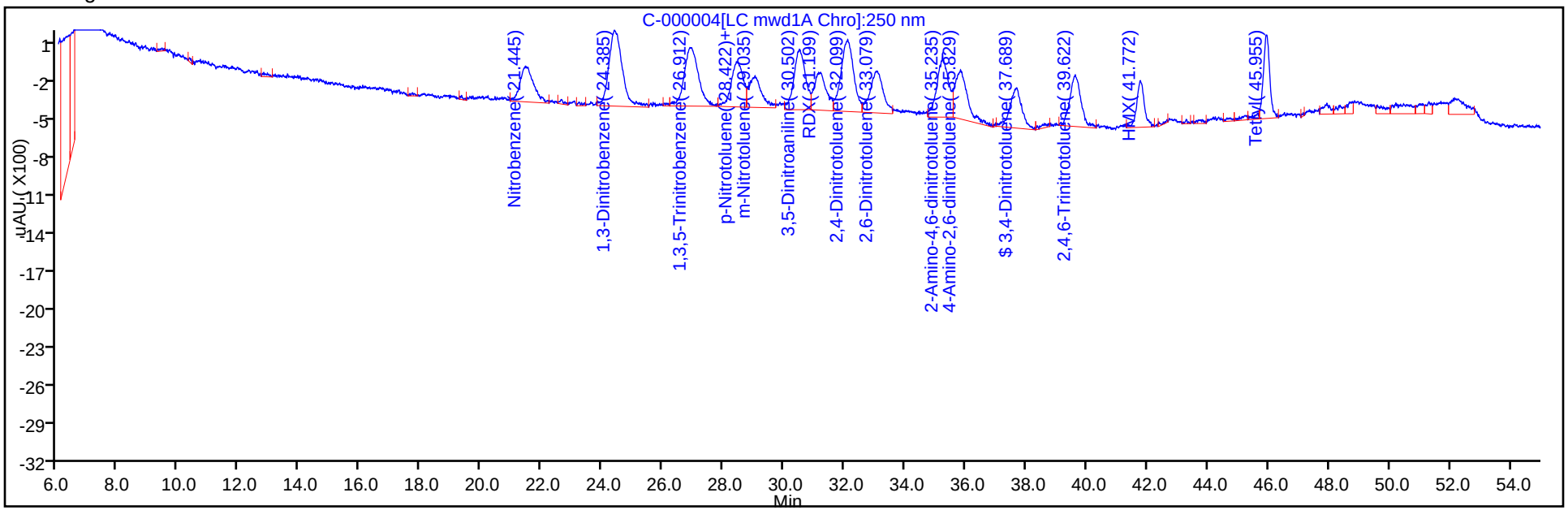
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.622	39.615	0.007	397	5.38	
11 HMX						
1	41.772	41.802	-0.030	358	5.73	
7 Nitroglycerin						
2	44.162	44.185	-0.023	528	6.10	
20 Tetryl						
1	45.955	45.985	-0.030	640	5.47	
21 PETN						
2	52.649	52.672	-0.023	841	5.55	

Report Date: 02-Oct-2012 13:09:28 Chrom Revision: 2.1 28-Sep-2012 12:22:52

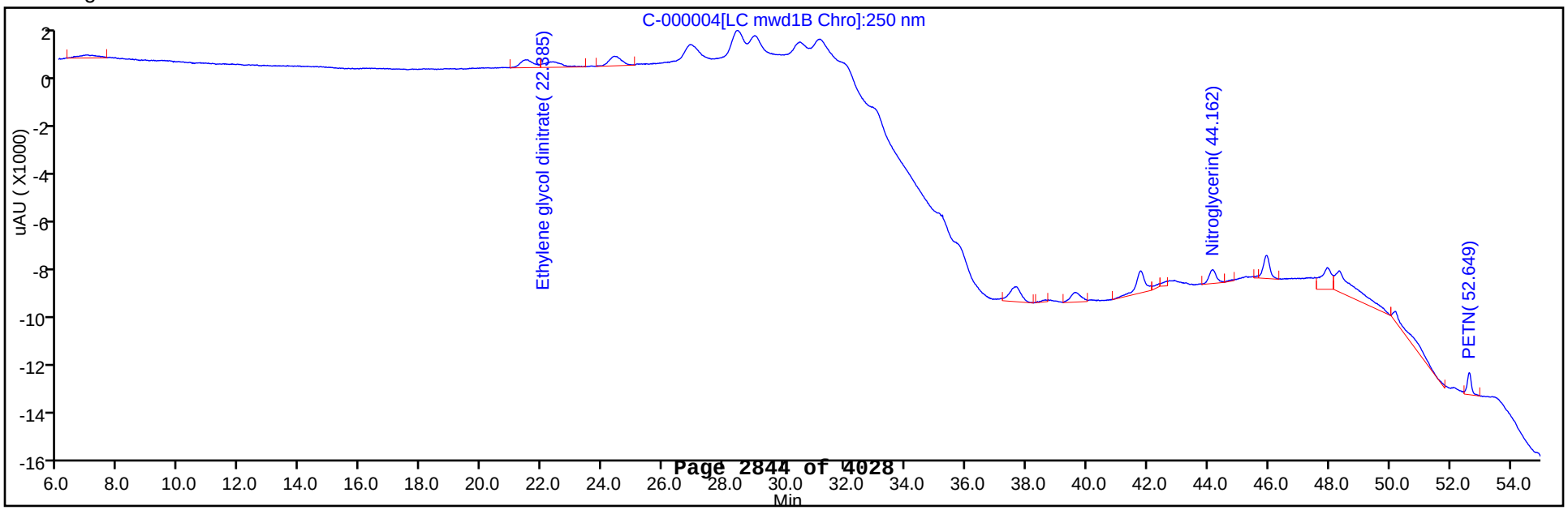
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000004.D		
Injection Date:	01-Oct-2012 12:30:50	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000005.D		
Lims ID:	STD02	Client ID:	
Inject. Date:	01-Oct-2012 13:36:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	HP8330L2_00003 10ng/mL;1;320-0000975-003		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	12
Lims Batch ID:	4221	Lims Sample ID:	3
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:28	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:00:50

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.475	21.445	0.030	507	11.1	
3 Ethylene glycol dinitrate						
2	22.352	22.389	-0.037	295	14.0	
24 1,3-Dinitrobenzene						
1	24.365	24.385	-0.020	1117	11.1	
27 1,3,5-Trinitrobenzene						
1	26.898	26.889	0.009	868	11.0	
16 o-Nitrotoluene						
1	28.458	28.462	-0.004	649	10.7	
15 p-Nitrotoluene						
1	28.458	28.462	-0.004	649	10.7	
8 m-Nitrotoluene						
1	29.018	29.032	-0.014	430	10.6	
9 3,5-Dinitroaniline						
1	30.518	30.525	-0.007	881	11.1	
19 RDX						
1	31.168	31.189	-0.021	518	11.0	
23 2,4-Dinitrotoluene						
1	32.095	32.099	-0.004	1019	11.1	
12 2,6-Dinitrotoluene						
1	33.078	33.075	0.003	608	11.2	
6 2-Amino-4,6-dinitrotoluene						
1	35.242	35.265	-0.023	815	10.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.835	35.849	-0.014	698	11.1	
$ 30 3,4-Dinitrotoluene						
1	37.632	37.675	-0.043	532	11.0	

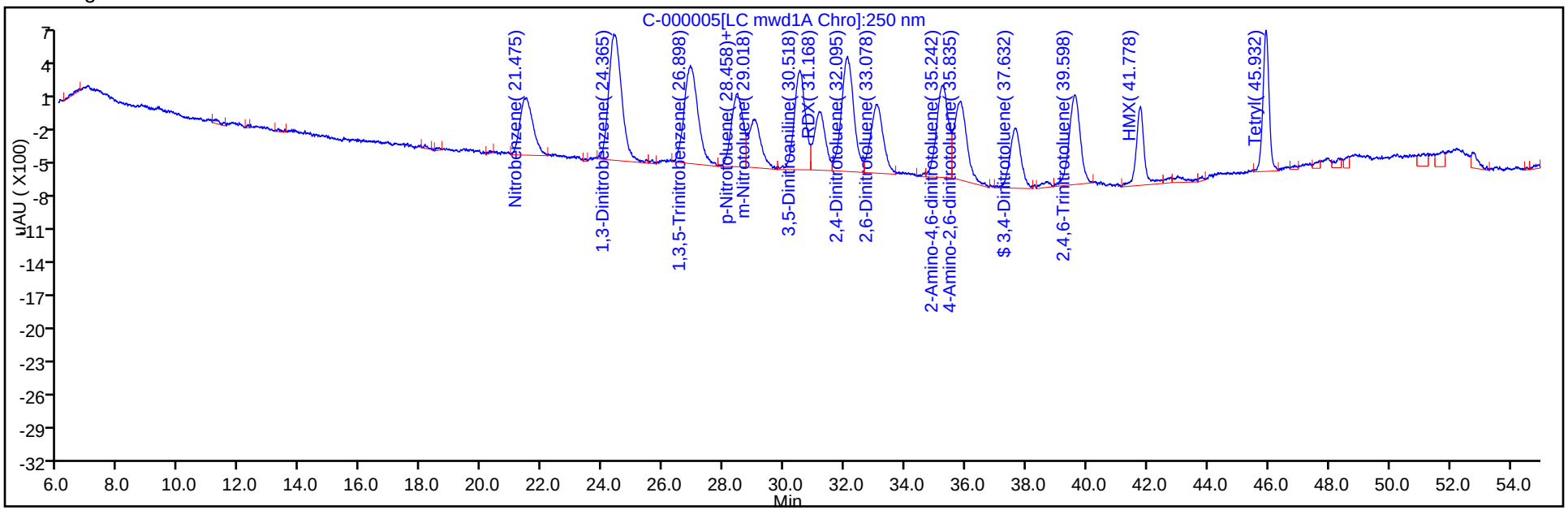
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.598	39.615	-0.017	794	10.8	
11 HMX						
1	41.778	41.802	-0.024	697	11.2	
7 Nitroglycerin						
2	44.145	44.185	-0.040	984	11.4	
20 Tetryl						
1	45.932	45.985	-0.053	1249	10.7	
21 PETN						
2	52.638	52.672	-0.034	1595	10.5	

Report Date: 02-Oct-2012 13:09:29 Chrom Revision: 2.1 28-Sep-2012 12:22:52

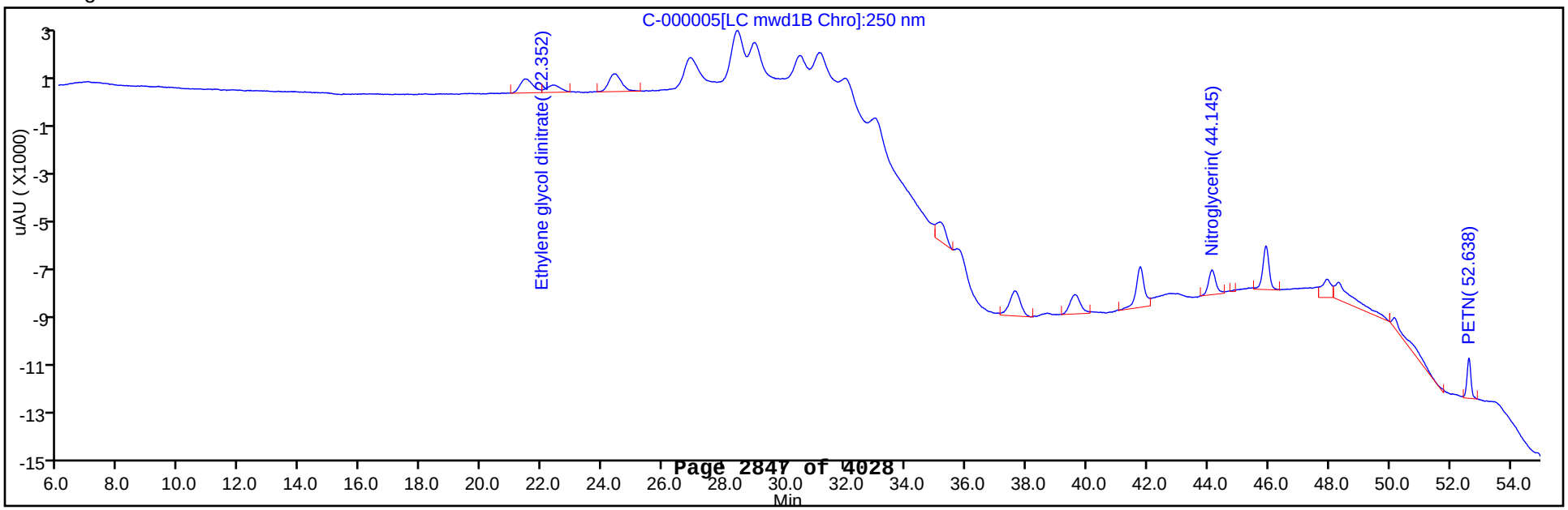
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000005.D		
Injection Date:	01-Oct-2012 13:36:10	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000006.D		
Lims ID:	STD03	Client ID:	
Inject. Date:	01-Oct-2012 14:41:28	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	HP8330L3_00003 20ng/mL;1;320-0000975-004		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	4221	Lims Sample ID:	4
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:29	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:00:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.441	21.445	-0.004	970	21.3	
3 Ethylene glycol dinitrate						
2	22.331	22.389	-0.058	497	23.6	
24 1,3-Dinitrobenzene						
1	24.371	24.385	-0.014	2151	21.4	
27 1,3,5-Trinitrobenzene						
1	26.881	26.889	-0.008	1647	20.9	
16 o-Nitrotoluene						
1	28.421	28.462	-0.041	1241	20.4	
15 p-Nitrotoluene						
1	28.421	28.462	-0.041	1241	20.4	
8 m-Nitrotoluene						
1	28.985	29.032	-0.047	823	20.3	
9 3,5-Dinitroaniline						
1	30.471	30.525	-0.054	1699	21.3	
19 RDX						
1	31.141	31.189	-0.048	999	21.1	
23 2,4-Dinitrotoluene						
1	32.058	32.099	-0.041	1928	20.9	
12 2,6-Dinitrotoluene						
1	33.008	33.075	-0.067	1136	20.9	
6 2-Amino-4,6-dinitrotoluene						
1	35.205	35.265	-0.060	1560	20.6	
26 4-Amino-2,6-dinitrotoluene						
1	35.761	35.849	-0.088	1291	20.4	
$ 30 3,4-Dinitrotoluene						
1	37.618	37.675	-0.057	995	20.6	

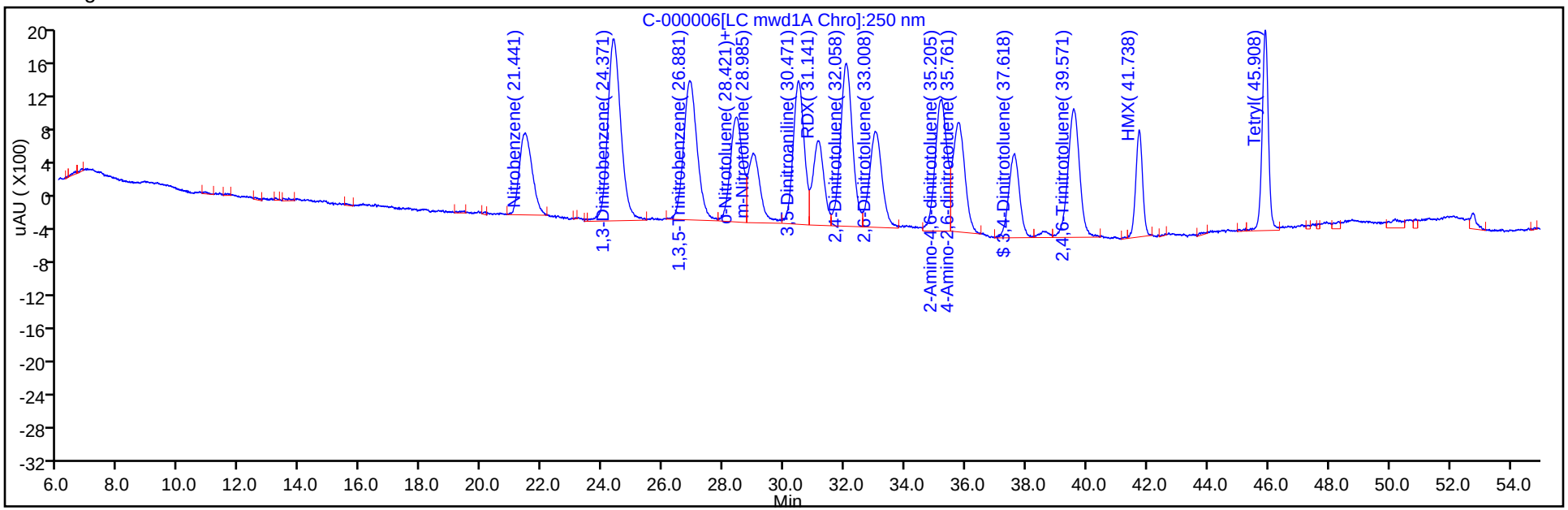
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.571	39.615	-0.044	1522	20.6	
11 HMX						
1	41.738	41.802	-0.064	1266	20.3	
7 Nitroglycerin						
2	44.121	44.185	-0.064	1883	21.8	
20 Tetryl						
1	45.908	45.985	-0.077	2370	20.2	
21 PETN						
2	52.631	52.672	-0.041	3101	20.5	

Report Date: 02-Oct-2012 13:09:30 Chrom Revision: 2.1 28-Sep-2012 12:22:52

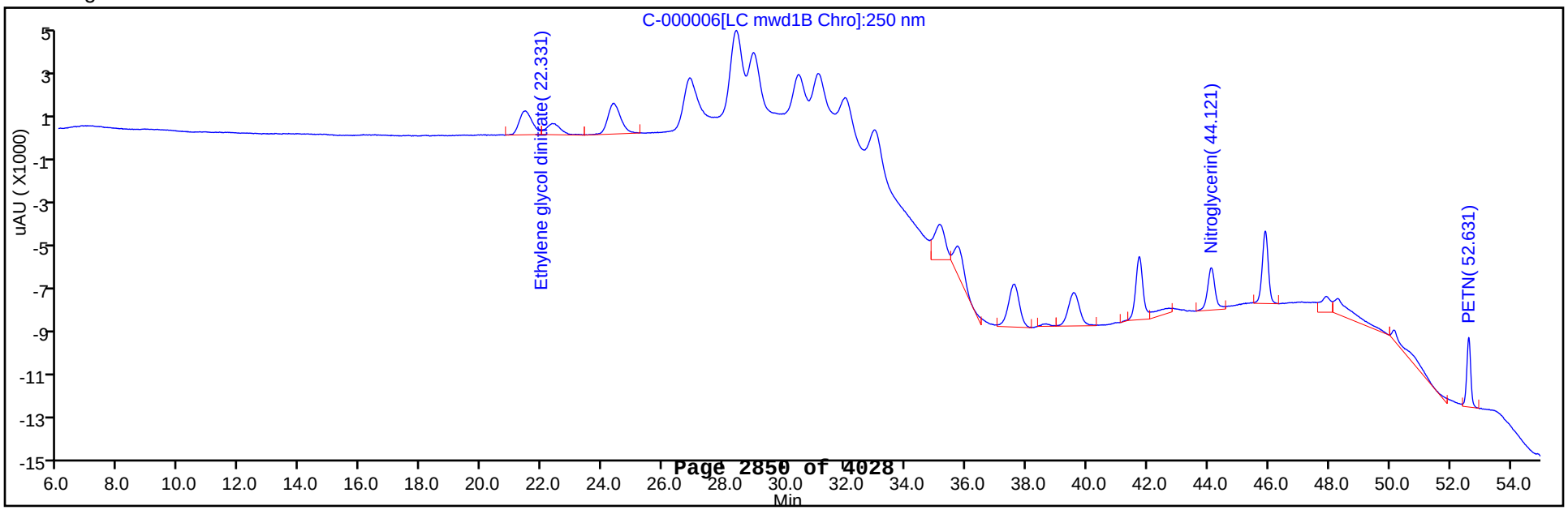
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000006.D		
Injection Date:	01-Oct-2012 14:41:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000007.D		
Lims ID:	STD04	Client ID:	
Inject. Date:	01-Oct-2012 15:46:48	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	HP8330L4_00003 50ng/mL;1;320-0000975-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	4221	Lims Sample ID:	5
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:30	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.416	21.445	-0.029	2330	51.1	
3 Ethylene glycol dinitrate						
2	22.363	22.389	-0.026	1111	52.7	
24 1,3-Dinitrobenzene						
1	24.346	24.385	-0.039	5091	50.7	
27 1,3,5-Trinitrobenzene						
1	26.863	26.889	-0.026	3933	49.9	
16 o-Nitrotoluene						
1	28.406	28.462	-0.056	2936	48.2	
15 p-Nitrotoluene						
1	28.406	28.462	-0.056	2936	48.2	
8 m-Nitrotoluene						
1	28.979	29.032	-0.053	1912	47.2	
9 3,5-Dinitroaniline						
1	30.463	30.525	-0.062	4000	50.2	
19 RDX						
1	31.126	31.189	-0.063	2344	49.6	
23 2,4-Dinitrotoluene						
1	32.039	32.099	-0.060	4548	49.4	
12 2,6-Dinitrotoluene						
1	33.016	33.075	-0.059	2684	49.4	
6 2-Amino-4,6-dinitrotoluene						
1	35.183	35.265	-0.082	3696	48.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.766	35.849	-0.083	3098	49.1	
$ 30 3,4-Dinitrotoluene						
1	37.606	37.675	-0.069	2297	47.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.556	39.615	-0.059	3621	49.0	
11 HMX						
1	41.746	41.802	-0.056	3051	48.9	
7 Nitroglycerin						
2	44.129	44.185	-0.056	4368	50.5	
20 Tetryl						
1	45.922	45.985	-0.063	5690	48.6	
21 PETN						
2	52.626	52.672	-0.046	7497	49.5	

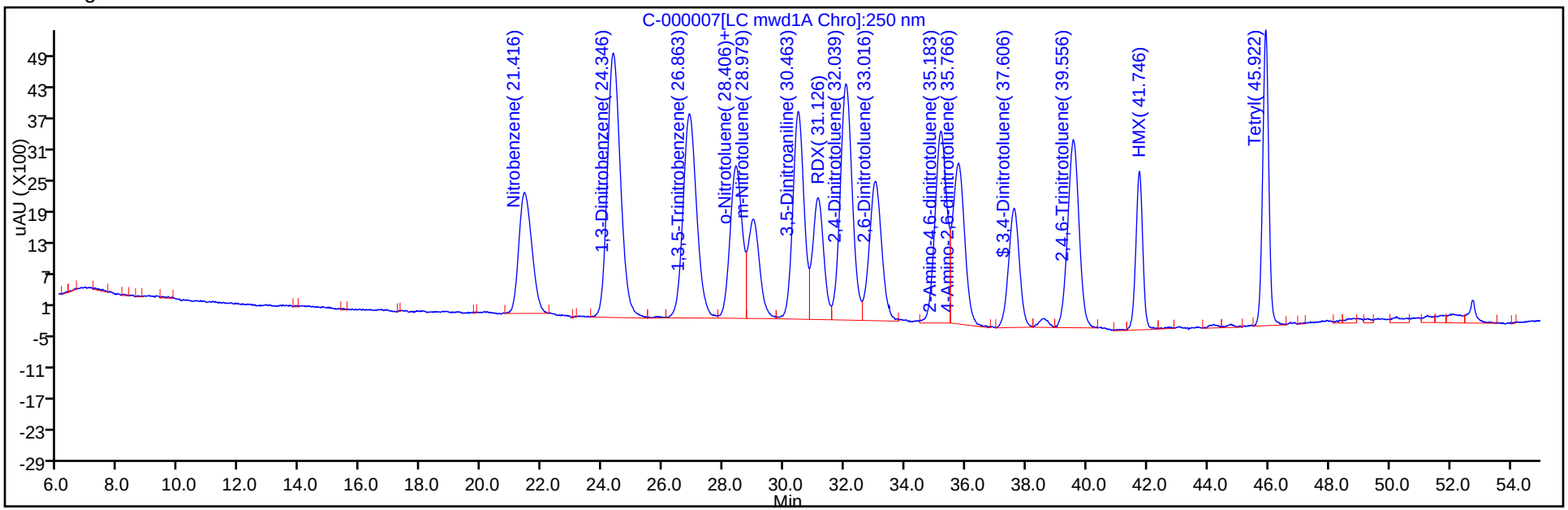
Report Date: 02-Oct-2012 13:09:31 Chrom Revision: 2.1 28-Sep-2012 12:22:52

TestAmerica West Sacramento

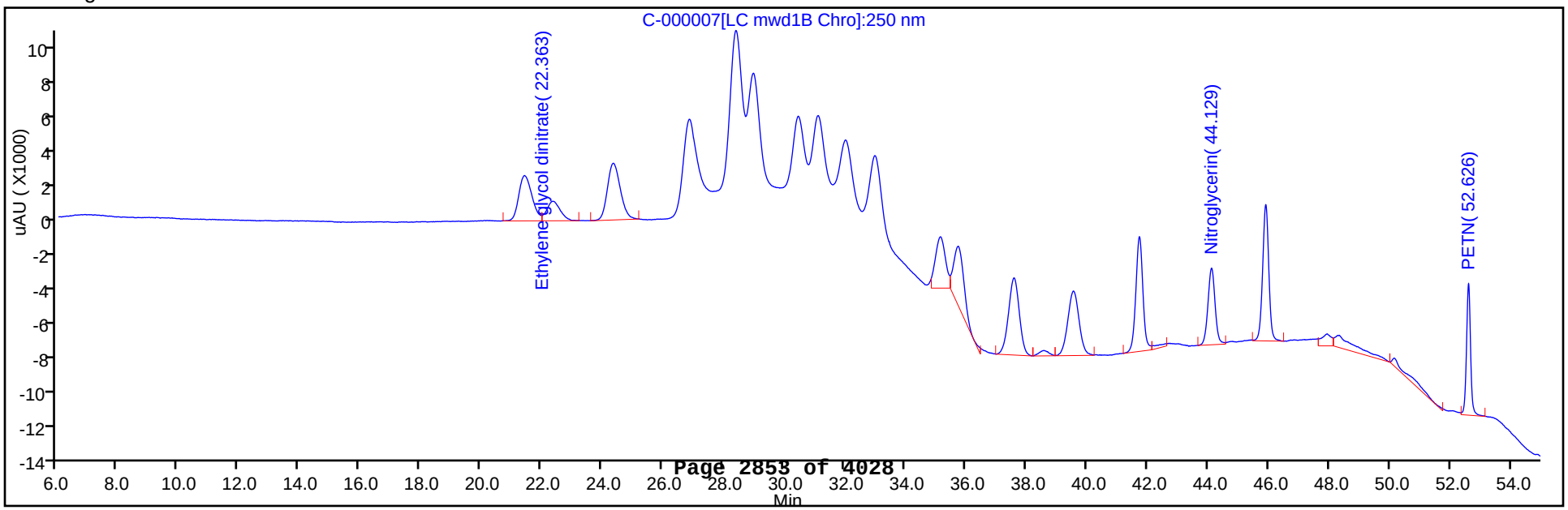
Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000007.D

Injection Date:	01-Oct-2012 15:46:48	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000008.D		
Lims ID:	STD05	Client ID:	
Inject. Date:	01-Oct-2012 16:52:25	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	HP8330L5_00004 ;1;320-0000975-006		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	15
Lims Batch ID:	4221	Lims Sample ID:	6
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:31	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.424	21.424	0.0	4689	102.8	
3 Ethylene glycol dinitrate						
2	22.354	22.354	0.0	2253	106.8	
24 1,3-Dinitrobenzene						
1	24.360	24.360	0.0	10154	101.2	
27 1,3,5-Trinitrobenzene						
1	26.877	26.877	0.0	7871	99.9	
16 o-Nitrotoluene						
1	28.430	28.430	0.0	5954	97.8	
15 p-Nitrotoluene						
1	28.430	28.430	0.0	5954	97.8	
8 m-Nitrotoluene						
1	28.994	28.994	0.0	3899	96.2	
9 3,5-Dinitroaniline						
1	30.480	30.480	0.0	7964	100.0	
19 RDX						
1	31.134	31.134	0.0	4685	99.2	
23 2,4-Dinitrotoluene						
1	32.060	32.060	0.0	9095	98.8	
12 2,6-Dinitrotoluene						
1	33.030	33.030	0.0	5372	98.8	
6 2-Amino-4,6-dinitrotoluene						
1	35.194	35.194	0.0	7381	97.3	
26 4-Amino-2,6-dinitrotoluene						
1	35.774	35.774	0.0	6164	97.6	
$ 30 3,4-Dinitrotoluene						
1	37.604	37.604	0.0	4646	96.2	

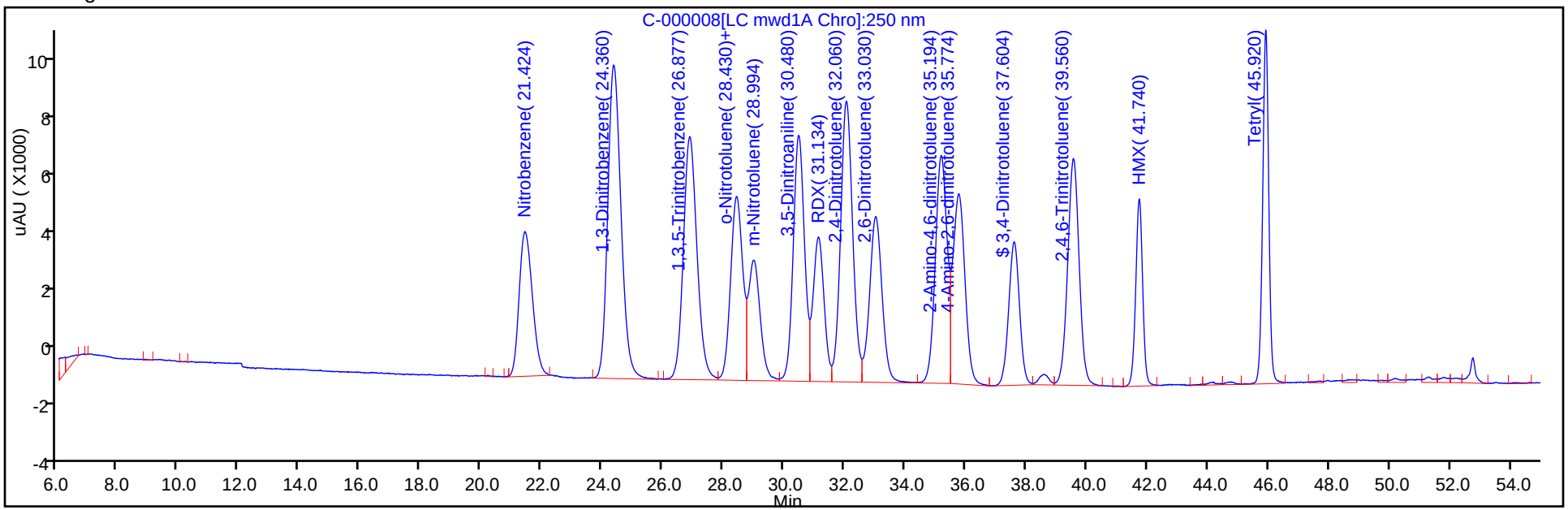
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.560	39.560	0.0	7343	99.4	
11 HMX						
1	41.740	41.740	0.0	6061	97.1	
7 Nitroglycerin						
2	44.130	44.130	0.0	8681	100.3	
20 Tetryl						
1	45.920	45.920	0.0	11453	97.8	
21 PETN						
2	52.630	52.630	0.0	15219	100.4	

Report Date: 02-Oct-2012 13:09:32 Chrom Revision: 2.1 28-Sep-2012 12:22:52

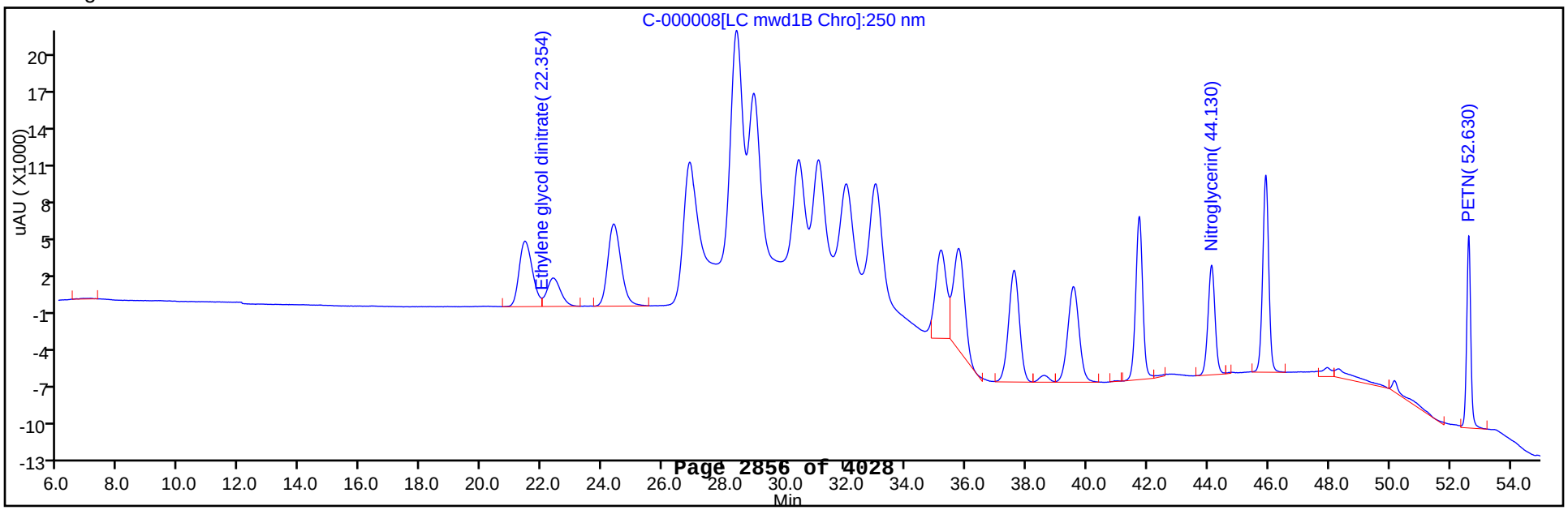
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000008.D		
Injection Date:	01-Oct-2012 16:52:25	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000009.D		
Lims ID:	STD06	Client ID:	
Inject. Date:	01-Oct-2012 17:57:45	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	HP8330L6_00004 ;1;320-0000975-007		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	16
Lims Batch ID:	4221	Lims Sample ID:	7
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:32	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:18

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.418	21.424	-0.006	9074	199.0	
3 Ethylene glycol dinitrate						
2	22.341	22.354	-0.013	4283	203.1	
24 1,3-Dinitrobenzene						
1	24.341	24.360	-0.019	19839	197.6	
27 1,3,5-Trinitrobenzene						
1	26.851	26.877	-0.026	15541	197.3	
16 o-Nitrotoluene						
1	28.398	28.430	-0.032	11674	191.7	
15 p-Nitrotoluene						
1	28.398	28.430	-0.032	11674	191.7	
8 m-Nitrotoluene						
1	28.958	28.994	-0.036	7664	189.1	
9 3,5-Dinitroaniline						
1	30.451	30.480	-0.029	15694	197.0	
19 RDX						
1	31.105	31.134	-0.029	9162	193.9	
23 2,4-Dinitrotoluene						
1	32.025	32.060	-0.035	17903	194.4	
12 2,6-Dinitrotoluene						
1	32.991	33.030	-0.039	10604	195.1	
6 2-Amino-4,6-dinitrotoluene						
1	35.158	35.194	-0.036	14587	192.2	
26 4-Amino-2,6-dinitrotoluene						
1	35.731	35.774	-0.043	12265	194.2	
$ 30 3,4-Dinitrotoluene						
1	37.571	37.604	-0.033	9033	187.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.538	39.560	-0.022	14609	197.8	
11 HMX						
1	41.715	41.740	-0.025	12063	193.2	
7 Nitroglycerin						
2	44.108	44.130	-0.022	17374	200.8	
20 Tetryl						
1	45.905	45.920	-0.015	22900	195.6	
21 PETN						
2	52.628	52.630	-0.002	30042	198.2	

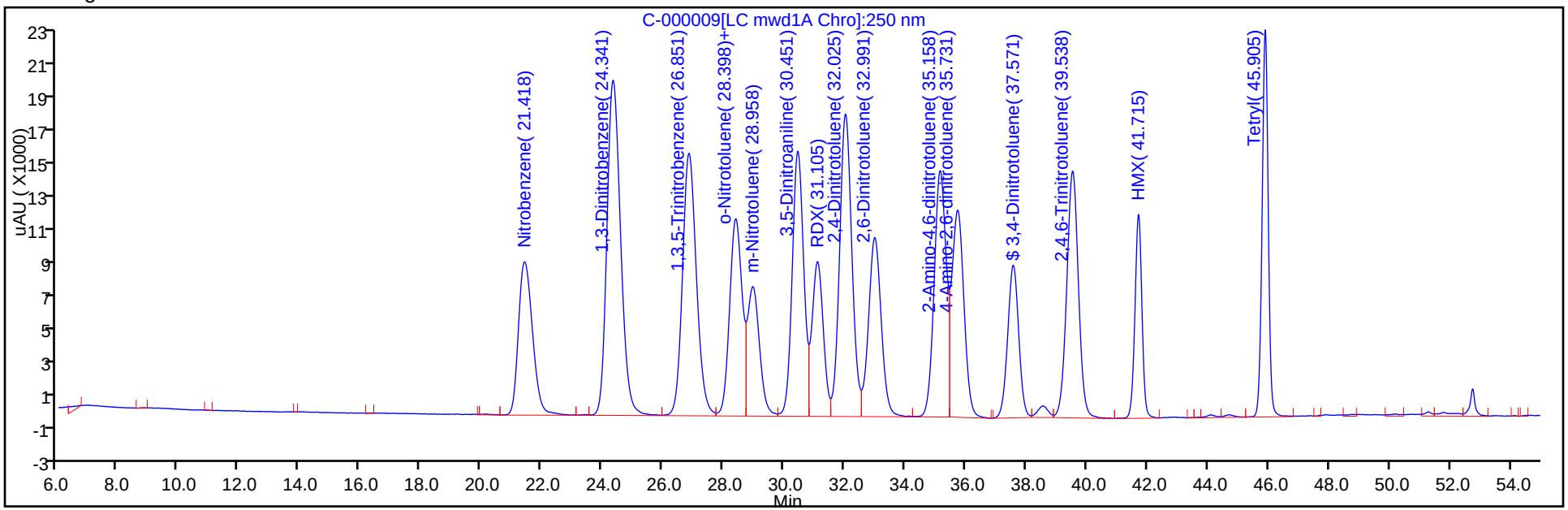
Report Date: 02-Oct-2012 13:09:33 Chrom Revision: 2.1 28-Sep-2012 12:22:52

TestAmerica West Sacramento

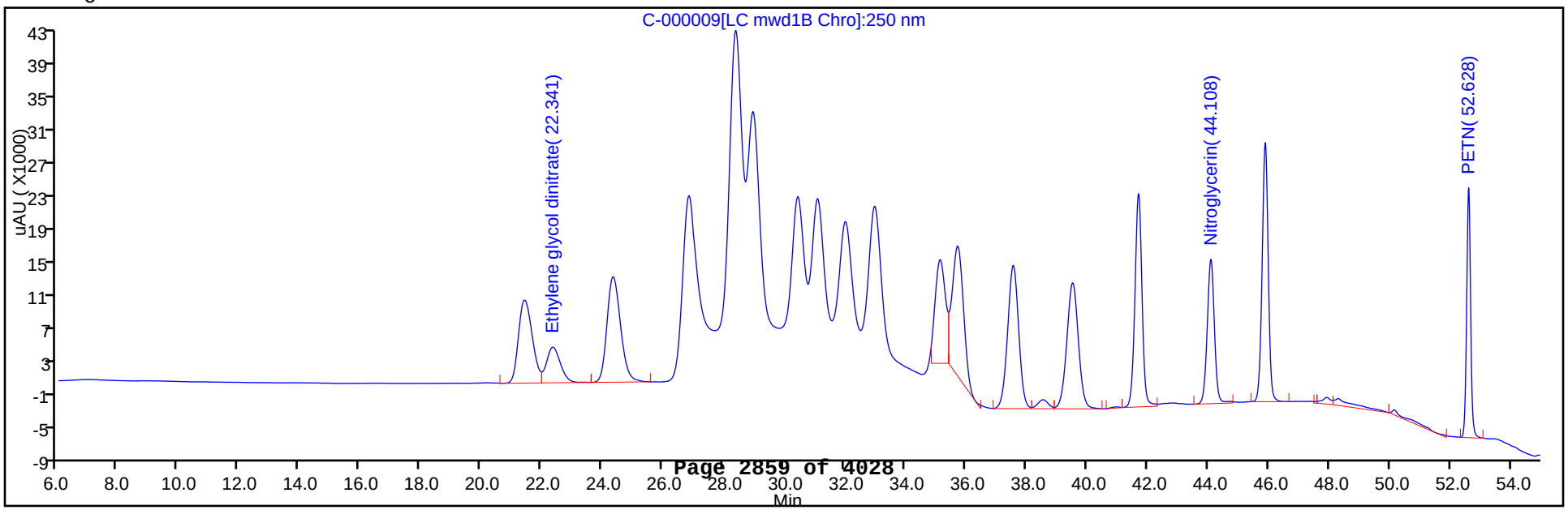
Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000009.D

Injection Date:	01-Oct-2012 17:57:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000010.D		
Lims ID:	STD07	Client ID:	
Inject. Date:	01-Oct-2012 19:03:03	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	HP8330L7_00003 ;1;320-0000975-008		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	17
Lims Batch ID:	4221	Lims Sample ID:	8
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:33	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:31

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.377	21.424	-0.047	20069	440.1	
3 Ethylene glycol dinitrate						
2	22.310	22.354	-0.044	9716	460.6	
24 1,3-Dinitrobenzene						
1	24.310	24.360	-0.050	45405	452.3	
27 1,3,5-Trinitrobenzene						
1	26.824	26.877	-0.053	36573	464.4	
16 o-Nitrotoluene						
1	28.384	28.430	-0.046	26632	437.4	
15 p-Nitrotoluene						
1	28.384	28.430	-0.046	26632	437.4	
8 m-Nitrotoluene						
1	28.934	28.994	-0.060	17677	436.2	
9 3,5-Dinitroaniline						
1	30.440	30.480	-0.040	36398	456.9	
19 RDX						
1	31.094	31.134	-0.040	21324	451.4	
23 2,4-Dinitrotoluene						
1	32.017	32.060	-0.043	42150	457.8	
12 2,6-Dinitrotoluene						
1	32.990	33.030	-0.040	24966	459.3	
6 2-Amino-4,6-dinitrotoluene						
1	35.164	35.194	-0.030	34688	457.1	
26 4-Amino-2,6-dinitrotoluene						
1	35.734	35.774	-0.040	29383	465.3	
$ 30 3,4-Dinitrotoluene						
1	37.577	37.604	-0.027	13440	278.2	

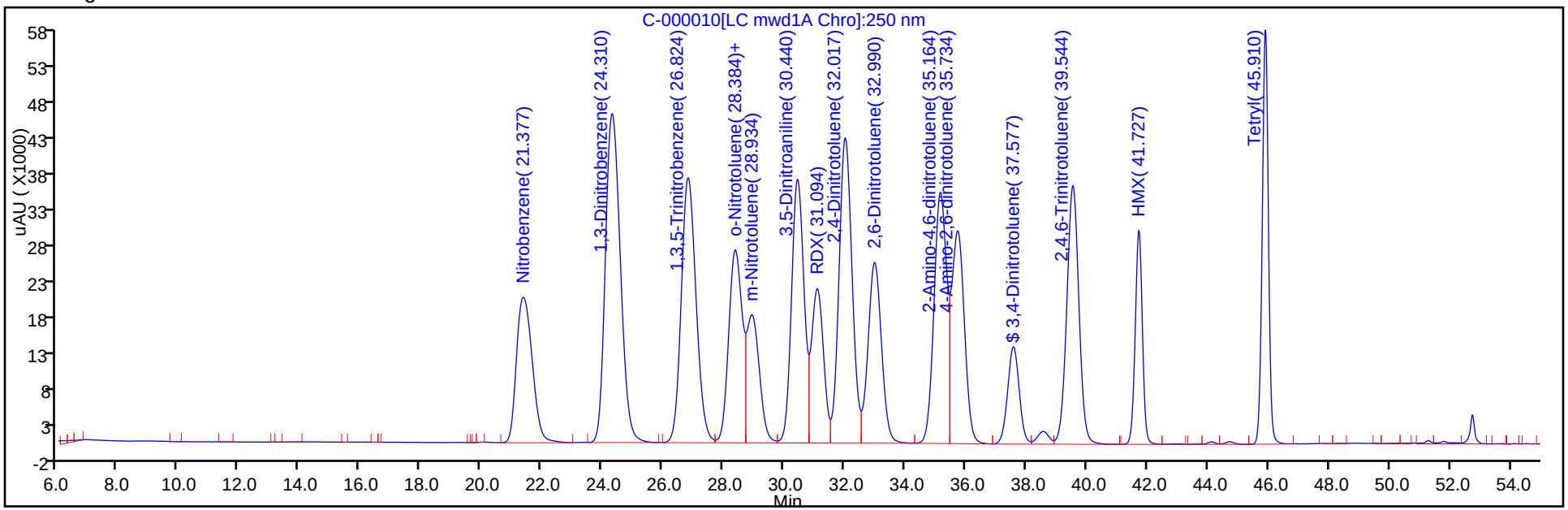
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.544	39.560	-0.016	35702	483.5	
11 HMX						
1	41.727	41.740	-0.013	29531	473.0	
7 Nitroglycerin						
2	44.117	44.130	-0.013	42715	493.7	
20 Tetryl						
1	45.910	45.920	-0.010	57167	488.3	
21 PETN						
2	52.630	52.630	0.0	75876	500.7	

Report Date: 02-Oct-2012 13:09:34 Chrom Revision: 2.1 28-Sep-2012 12:22:52

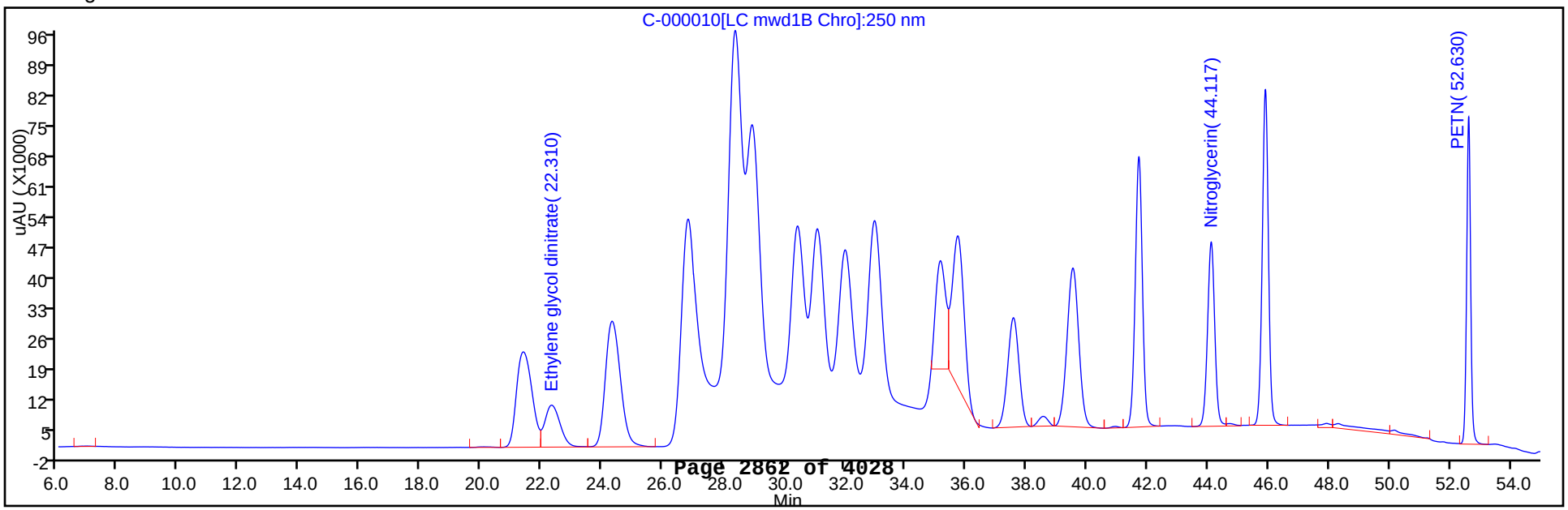
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000010.D		
Injection Date:	01-Oct-2012 19:03:03	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Lims ID: STD08 Client ID:
Inject. Date: 01-Oct-2012 20:08:22 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: HP8330L8_00003;1;320-0000975-009
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 18
Lims Batch ID: 4221 Lims Sample ID: 9
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
Last Update: 02-Oct-2012 13:09:34 Calib Date: 01-Oct-2012 20:08:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 02-Oct-2012 07:53:58

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.095	0.089	0.006	102	2000.0	
1	0.095	0.089	0.006	102	0	
5 Nitrobenzene						
1	21.419	21.424	-0.005	31779	697.0	
3 Ethylene glycol dinitrate						
2	22.305	22.354	-0.049	16105	763.6	
24 1,3-Dinitrobenzene						
1	24.362	24.360	0.002	73865	735.8	
27 1,3,5-Trinitrobenzene						
1	26.872	26.877	-0.005	62902	798.7	
16 o-Nitrotoluene						
1	28.465	28.430	0.035	45199	742.3	
15 p-Nitrotoluene						
1	28.465	28.430	0.035	45199	742.3	
9 3,5-Dinitroaniline						
1	30.512	30.480	0.032	60329	757.3	
19 RDX						
1	31.139	31.134	0.005	35987	761.8	
23 2,4-Dinitrotoluene						
1	32.089	32.060	0.029	71751	779.3	
12 2,6-Dinitrotoluene						
1	33.062	33.030	0.032	42712	785.8	
6 2-Amino-4,6-dinitrotoluene						
1	35.255	35.194	0.061	59533	784.5	
26 4-Amino-2,6-dinitrotoluene						
1	35.789	35.774	0.015	51500	815.6	

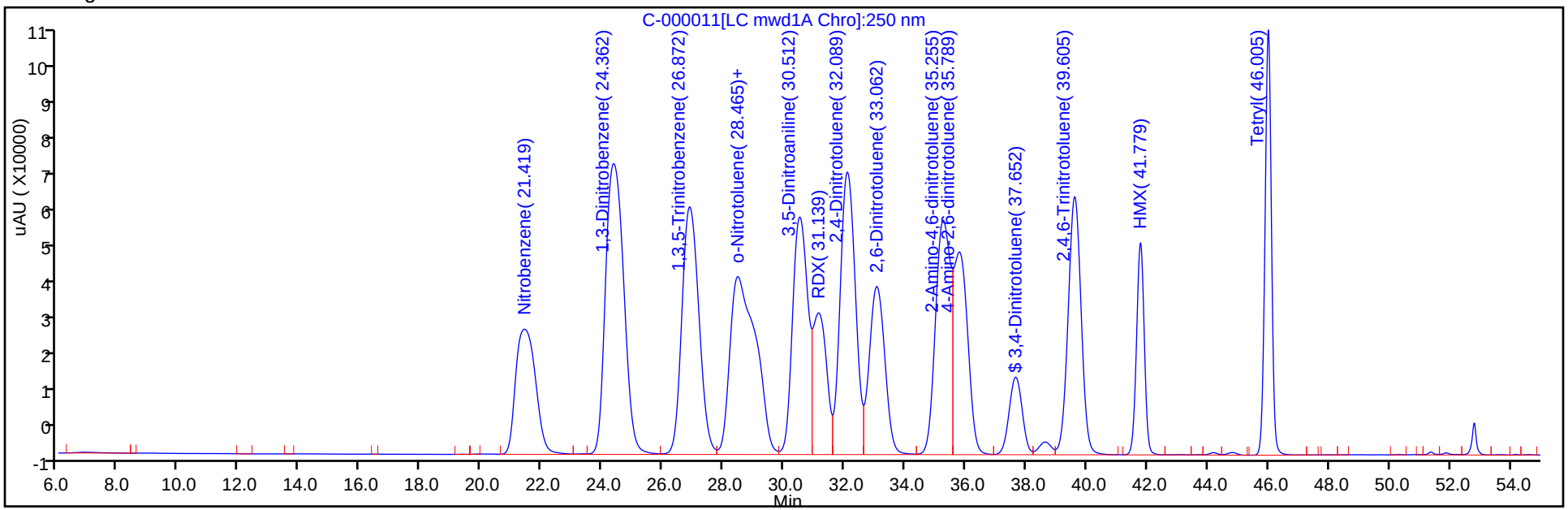
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	37.652	37.604	0.048	19696	407.7	
25 2,4,6-Trinitrotoluene						
1	39.605	39.560	0.045	65557	887.8	
11 HMX						
1	41.779	41.740	0.039	53842	862.4	
7 Nitroglycerin						
2	44.189	44.130	0.059	78528	907.6	
20 Tetryl						
1	46.005	45.920	0.085	107967	922.3	
21 PETN						
2	52.702	52.630	0.072	150075	990.4	

Report Date: 02-Oct-2012 13:09:35 Chrom Revision: 2.1 28-Sep-2012 12:22:52

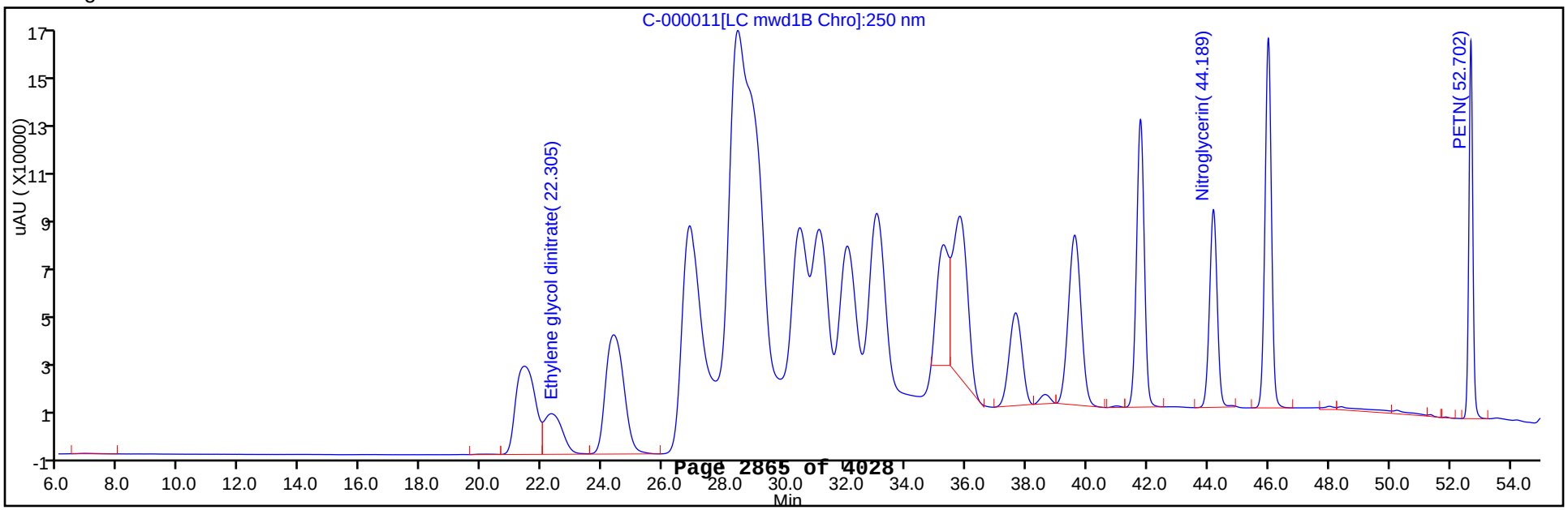
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Injection Date:	01-Oct-2012 20:08:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 320-3377/11 Calibration Date: 09/01/2012 17:51

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	129.4		514	500	2.8	20.0
RDX	Ave	88.99	86.72		487	500	-2.5	20.0
Ethylene glycol dinitrate	Ave	96.86	112.1		579	500	15.7	20.0
1,3,5-Trinitrobenzene	Ave	162.7	158.6		488	500	-2.5	20.0
1,3-Dinitrobenzene	Ave	161.7	155.7		481	500	-3.7	20.0
3,5-Dinitroaniline	Ave	103.9	108.4		522	500	4.3	20.0
Tetryl	Ave	86.55	92.08		532	500	6.4	20.0
Nitrobenzene	Ave	73.74	71.77		487	500	-2.7	20.0
Nitroglycerin	Ave	64.89	64.13		494	500	-1.2	20.0
2,4,6-Trinitrotoluene	Ave	92.79	94.76		511	500	2.1	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	72.57		479	500	-4.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	81.12		485	500	-3.0	20.0
2,6-Dinitrotoluene	Ave	59.58	57.45		482	500	-3.6	20.0
2,4-Dinitrotoluene	Ave	95.97	94.66		493	500	-1.4	20.0
2-Nitrotoluene	Ave	44.56	40.14		450	500	-9.9	20.0
4-Nitrotoluene	Ave	53.43	49.54		464	500	-7.3	20.0
3-Nitrotoluene	Ave	53.94	48.54		450	500	-10.0	20.0
PETN	Ave	36.72	35.94		489	500	-2.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 320-3377/11 Calibration Date: 09/01/2012 17:51

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.24	4.99	5.49
RDX	7.58	7.33	7.83
Ethylene glycol dinitrate	8.30	8.06	8.56
1,3,5-Trinitrobenzene	9.99	9.74	10.24
1,3-Dinitrobenzene	12.68	12.43	12.93
3,5-Dinitroaniline	13.44	13.20	13.70
Tetryl	13.94	13.69	14.19
Nitrobenzene	14.49	14.25	14.75
Nitroglycerin	15.19	14.95	15.45
2,4,6-Trinitrotoluene	16.07	15.82	16.32
4-Amino-2,6-dinitrotoluene	16.61	16.37	16.87
2-Amino-4,6-dinitrotoluene	17.59	17.35	17.85
2,6-Dinitrotoluene	19.29	19.04	19.54
2,4-Dinitrotoluene	19.92	19.68	20.18
2-Nitrotoluene	23.39	23.17	23.67
4-Nitrotoluene	25.08	24.85	25.35
3-Nitrotoluene	27.04	26.80	27.30
PETN	29.65	29.40	29.90

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000015.D
Lims ID: ICV Client ID:
Inject. Date: 01-Sep-2012 17:51:02 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV HP8330IC_00005 500ng/mL;2
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 19
Lims Batch ID: 3377 Lims Sample ID: 11
Sublist:

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:58 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:53:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.238	5.235	0.003	64694	514.2	
19 RDX						
1	7.584	7.579	0.005	43361	487.3	
3 Ethylene glycol dinitrate						
2	8.304	8.305	-0.001	56056	578.7	
10 2,4,6-Trinitrophenol						
2	8.611	8.685	-0.074	118451	961.8	
1	8.611	8.685	-0.074	78800	953.2	
27 1,3,5-Trinitrobenzene						
1	9.991	9.992	-0.001	79307	487.5	
24 1,3-Dinitrobenzene						
1	12.684	12.682	0.002	77842	481.5	
9 3,5-Dinitroaniline						
1	13.438	13.449	-0.011	54213	521.7	
20 Tetryl						
1	13.938	13.939	-0.001	46038	531.9	
5 Nitrobenzene						
1	14.488	14.495	-0.007	35885	486.6	
7 Nitroglycerin						
2	15.194	15.202	-0.008	32066	494.2	
25 2,4,6-Trinitrotoluene						
1	16.071	16.069	0.002	47381	510.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.611	16.619	-0.008	36286	479.1	
6 2-Amino-4,6-dinitrotoluene						
1	17.591	17.595	-0.004	40559	485.2	

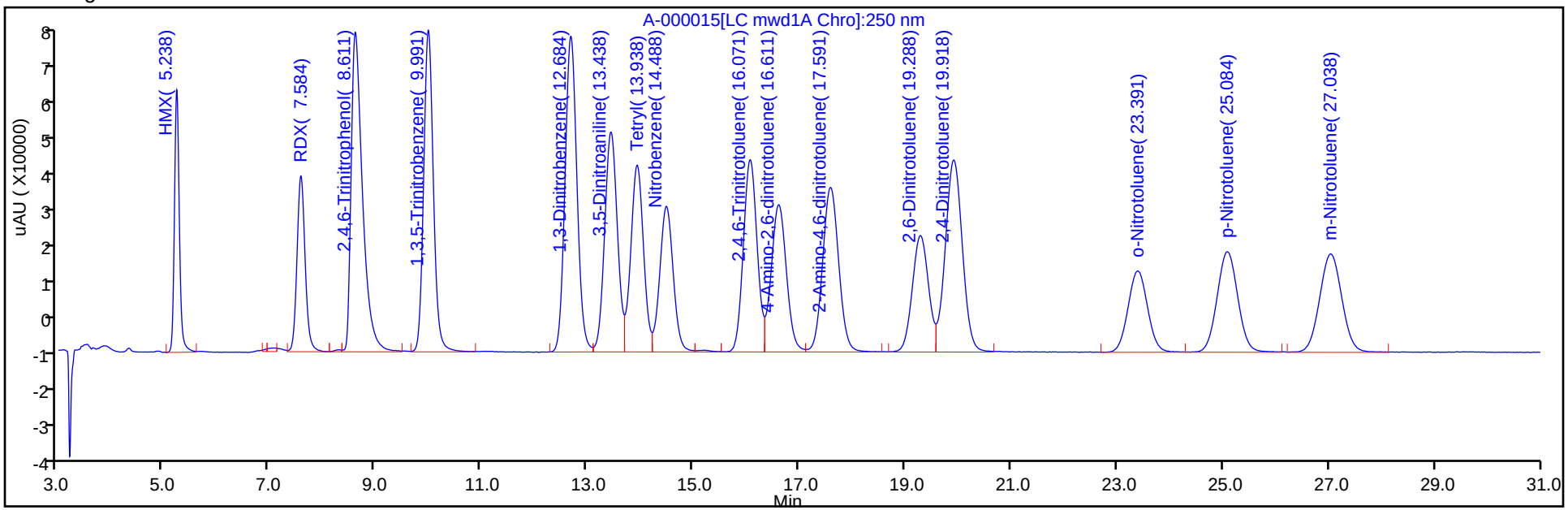
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	19.288	19.285	0.003	28726	482.1	
23 2,4-Dinitrotoluene						
1	19.918	19.925	-0.007	47332	493.2	
16 o-Nitrotoluene						
1	23.391	23.415	-0.024	20070	450.5	
15 p-Nitrotoluene						
1	25.084	25.102	-0.018	24769	463.6	
8 m-Nitrotoluene						
1	27.038	27.052	-0.014	24271	450.0	
21 PETN						
2	29.648	29.649	-0.001	17969	489.3	

Report Date: 13-Sep-2012 10:20:00 Chrom Revision: 2.1 12-Sep-2012 21:43:20

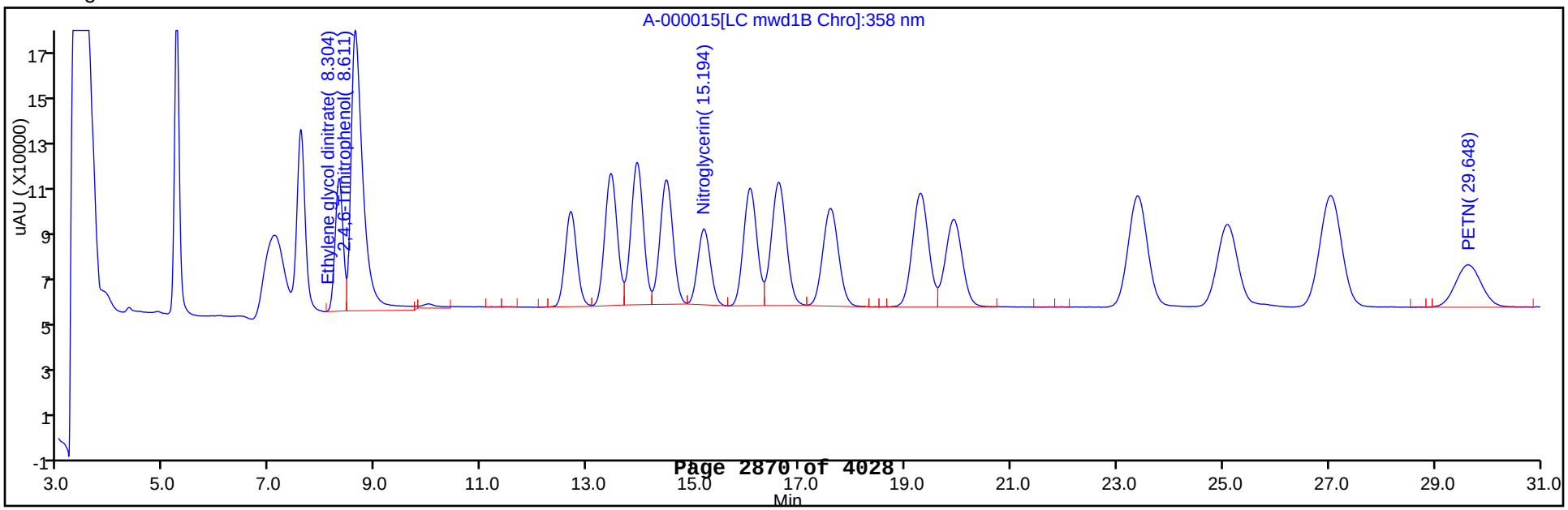
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000015.D		
Injection Date:	01-Sep-2012 17:51:02	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: LODV 320-3377/13 Calibration Date: 09/01/2012 19:11

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000017.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	123.8		4.92	5.00	-1.6	
RDX	Ave	88.99	99.40		5.59	5.00	11.7	
1,3,5-Trinitrobenzene	Ave	162.7	165.0		5.07	5.00	1.4	
1,3-Dinitrobenzene	Ave	161.7	168.6		5.21	5.00	4.3	
3,5-Dinitroaniline	Ave	103.9	110.0		5.29	5.00	5.9	
Tetryl	Ave	86.55	76.60		4.43	5.00	-11.5	
Nitrobenzene	Ave	73.74	77.80		5.28	5.00	5.5	
Nitroglycerin	Ave	64.89	84.10		25.9	20.0	29.6	
2,4,6-Trinitrotoluene	Ave	92.79	89.60		4.83	5.00	-3.4	
4-Amino-2,6-dinitrotoluene	Ave	75.73	92.20		6.09	5.00	21.7	
2-Amino-4,6-dinitrotoluene	Ave	83.59	91.20		5.46	5.00	9.1	
2,6-Dinitrotoluene	Ave	59.58	63.20		5.30	5.00	6.1	
2,4-Dinitrotoluene	Ave	95.97	108.0		5.63	5.00	12.5	
2-Nitrotoluene	Ave	44.56	55.20		6.19	5.00	23.9	
4-Nitrotoluene	Ave	53.43	69.20		6.48	5.00	29.5	
3-Nitrotoluene	Ave	53.94	62.60		5.80	5.00	16.1	
PETN	Ave	36.72	36.40		19.8	20.0	-0.9	
3,4-Dinitrotoluene	Ave	56.32	52.85		18.8	20.0	-6.2	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: LODV 320-3377/13 Calibration Date: 09/01/2012 19:11

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000017.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.25	4.99	5.49
RDX	7.57	7.33	7.83
1,3,5-Trinitrobenzene	10.01	9.74	10.24
1,3-Dinitrobenzene	12.70	12.43	12.93
3,5-Dinitroaniline	13.46	13.20	13.70
Tetryl	13.90	13.69	14.19
Nitrobenzene	14.53	14.25	14.75
Nitroglycerin	15.19	14.95	15.45
2,4,6-Trinitrotoluene	16.09	15.82	16.32
4-Amino-2,6-dinitrotoluene	16.61	16.37	16.87
2-Amino-4,6-dinitrotoluene	17.57	17.35	17.85
2,6-Dinitrotoluene	19.30	19.04	19.54
2,4-Dinitrotoluene	19.97	19.68	20.18
2-Nitrotoluene	23.32	23.17	23.67
4-Nitrotoluene	25.07	24.85	25.35
3-Nitrotoluene	27.00	26.80	27.30
PETN	29.57	29.40	29.90
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	17.07	16.82	17.32

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D
Lims ID: LODV 5-20ng/mL Client ID:
Inject. Date: 01-Sep-2012 19:11:04 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: MRL HP8330ICL_00002 5-50ng/mL;2
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 21
Lims Batch ID: 3377 Lims Sample ID: 13

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 13:28:32 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK036

First Level Reviewer: noonanr Date: 12-Sep-2012 14:27:02

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.245	5.235	0.010	619	4.92	
19 RDX						
1	7.565	7.579	-0.014	497	5.59	
27 1,3,5-Trinitrobenzene						
1	10.005	9.992	0.013	825	5.07	
24 1,3-Dinitrobenzene						
1	12.702	12.682	0.020	843	5.21	
9 3,5-Dinitroaniline						
1	13.459	13.449	0.010	550	5.29	
20 Tetryl						
1	13.902	13.939	-0.037	383	4.43	
5 Nitrobenzene						
1	14.532	14.495	0.037	389	5.28	
7 Nitroglycerin						
2	15.186	15.202	-0.016	1682	25.9	
25 2,4,6-Trinitrotoluene						
1	16.092	16.069	0.023	448	4.83	
26 4-Amino-2,6-dinitrotoluene						
1	16.609	16.619	-0.010	461	6.09	
$ 30 3,4-Dinitrotoluene						
1	17.069	17.072	-0.003	1057	18.8	
2	17.109	17.082	0.027	2127	20.6	
6 2-Amino-4,6-dinitrotoluene						
1	17.569	17.595	-0.026	456	5.46	
12 2,6-Dinitrotoluene						
1	19.299	19.285	0.014	316	5.30	
23 2,4-Dinitrotoluene						
1	19.966	19.925	0.041	540	5.63	

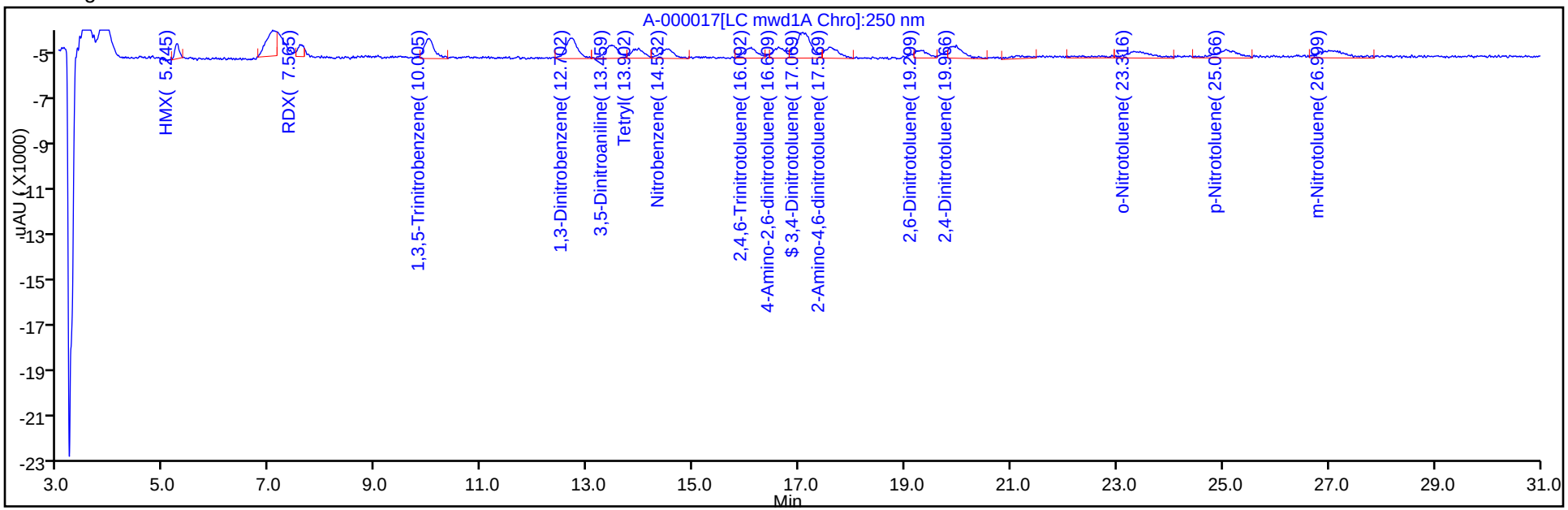
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	23.316	23.415	-0.099	276	6.19	
15 p-Nitrotoluene						
1	25.066	25.102	-0.036	346	6.48	
8 m-Nitrotoluene						
1	26.999	27.052	-0.053	313	5.80	
21 PETN						
2	29.572	29.649	-0.077	728	19.8	

Report Date: 18-Sep-2012 08:28:09 Chrom Revision: 2.1 16-Sep-2012 09:37:06

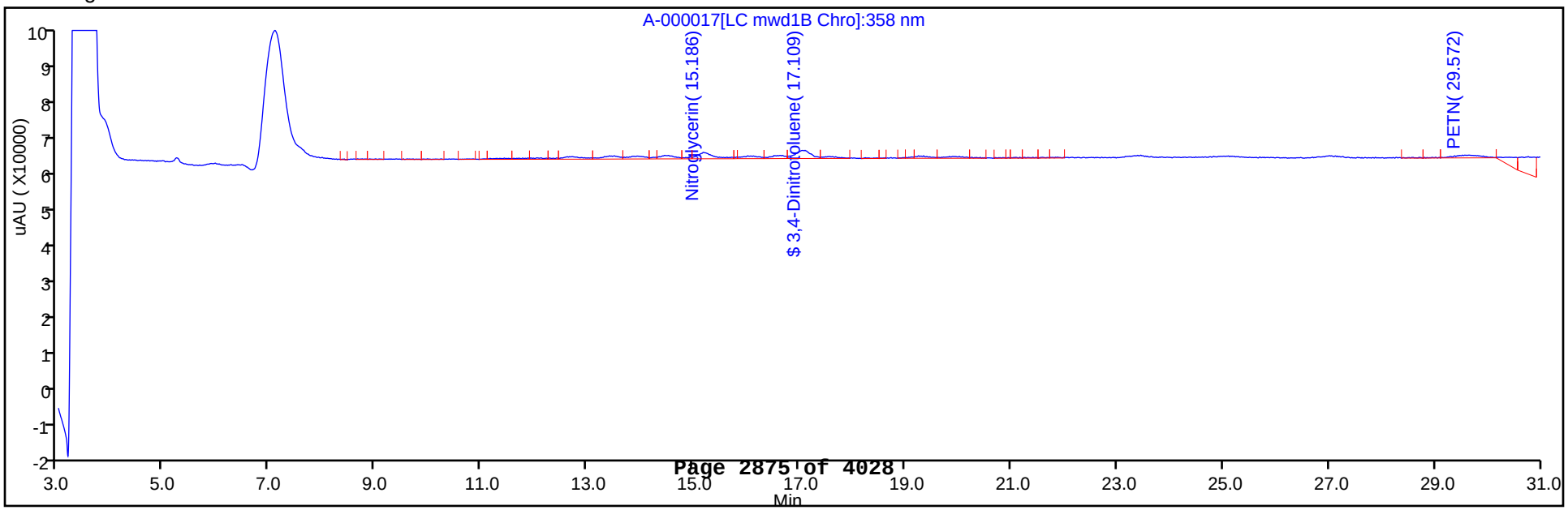
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D		
Injection Date:	01-Sep-2012 19:11:04	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD06 320-6177/12 Calibration Date: 11/20/2012 21:01

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	126.3		201	200	0.4	20.0
RDX	Ave	88.99	85.81		193	200	-3.6	20.0
Ethylene glycol dinitrate	Ave	96.86	105.9		219	200	9.4	20.0
1,3,5-Trinitrobenzene	Ave	162.7	161.2		198	200	-0.9	20.0
1,3-Dinitrobenzene	Ave	161.7	160.5		199	200	-0.7	20.0
3,5-Dinitroaniline	Ave	103.9	103.2		199	200	-0.7	20.0
Tetryl	Ave	86.55	86.37		200	200	-0.2	20.0
Nitrobenzene	Ave	73.74	71.96		195	200	-2.4	20.0
Nitroglycerin	Ave	64.89	63.78		197	200	-1.7	20.0
2,4,6-Trinitrotoluene	Ave	92.79	91.69		198	200	-1.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	76.18		201	200	0.6	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.48		197	200	-1.3	20.0
2,6-Dinitrotoluene	Ave	59.58	57.71		194	200	-3.1	20.0
2,4-Dinitrotoluene	Ave	95.97	95.22		198	200	-0.8	20.0
2-Nitrotoluene	Ave	44.56	41.28		185	200	-7.4	20.0
4-Nitrotoluene	Ave	53.43	50.81		190	200	-4.9	20.0
3-Nitrotoluene	Ave	53.94	51.32		190	200	-4.8	20.0
PETN	Ave	36.72	37.11		202	200	1.0	20.0
3,4-Dinitrotoluene	Ave	56.32	54.22		193	200	-3.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD06 320-6177/12 Calibration Date: 11/20/2012 21:01

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.20	4.95	5.45
RDX	7.49	7.24	7.74
Ethylene glycol dinitrate	8.20	7.95	8.45
1,3,5-Trinitrobenzene	9.85	9.60	10.10
1,3-Dinitrobenzene	12.48	12.23	12.73
3,5-Dinitroaniline	13.21	12.96	13.46
Tetryl	13.64	13.39	13.89
Nitrobenzene	14.23	13.98	14.48
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.75	15.50	16.00
4-Amino-2,6-dinitrotoluene	16.28	16.03	16.53
2-Amino-4,6-dinitrotoluene	17.24	16.99	17.49
2,6-Dinitrotoluene	18.88	18.63	19.13
2,4-Dinitrotoluene	19.51	19.26	19.76
2-Nitrotoluene	22.88	22.63	23.13
4-Nitrotoluene	24.54	24.29	24.79
3-Nitrotoluene	26.42	26.17	26.67
PETN	28.78	28.53	29.03
3,4-Dinitrotoluene	16.72	16.47	16.97

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000012.D
Lims ID: STD06 Client ID:
Inject. Date: 20-Nov-2012 21:01:22 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001479-012
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 3
Lims Batch ID: 6177 Lims Sample ID: 12
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 21-Nov-2012 12:00:33 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:00:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.200	5.200	0.0	25260	200.8	
19 RDX						
1	7.494	7.494	0.0	17162	192.9	
3 Ethylene glycol dinitrate						
2	8.200	8.200	0.0	21186	218.7	
10 2,4,6-Trinitrophenol						
2	8.560	8.560	0.0	59728	485.0	
1	8.560	8.560	0.0	41397	500.8	
27 1,3,5-Trinitrobenzene						
1	9.847	9.847	0.0	32245	198.2	
24 1,3-Dinitrobenzene						
1	12.477	12.477	0.0	32096	198.5	
9 3,5-Dinitroaniline						
1	13.214	13.214	0.0	20635	198.6	
20 Tetryl						
1	13.644	13.644	0.0	17274	199.6	
5 Nitrobenzene						
1	14.230	14.230	0.0	14392	195.2	
7 Nitroglycerin						
2	14.877	14.877	0.0	12755	196.6	
25 2,4,6-Trinitrotoluene						
1	15.750	15.750	0.0	18338	197.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.280	16.280	0.0	15236	201.2	
$ 30 3,4-Dinitrotoluene						
1	16.720	16.720	0.0	10843	192.5	
2	16.720	16.720	0.0	20030	193.9	

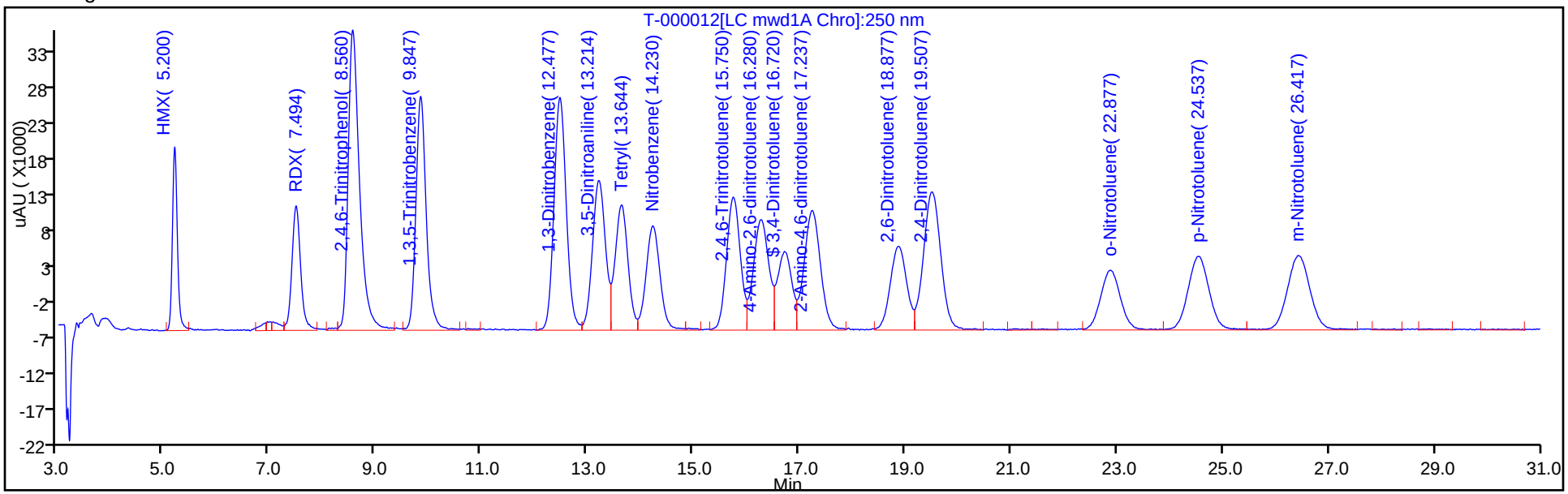
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.237	17.237	0.0	16496	197.3	
12 2,6-Dinitrotoluene						
1	18.877	18.877	0.0	11541	193.7	
23 2,4-Dinitrotoluene						
1	19.507	19.507	0.0	19044	198.4	
16 o-Nitrotoluene						
1	22.877	22.877	0.0	8256	185.3	
15 p-Nitrotoluene						
1	24.537	24.537	0.0	10161	190.2	
8 m-Nitrotoluene						
1	26.417	26.417	0.0	10264	190.3	
21 PETN						
2	28.784	28.784	0.0	7421	202.1	

Report Date: 21-Nov-2012 12:00:34 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000012.D		
Injection Date:	20-Nov-2012 21:01:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



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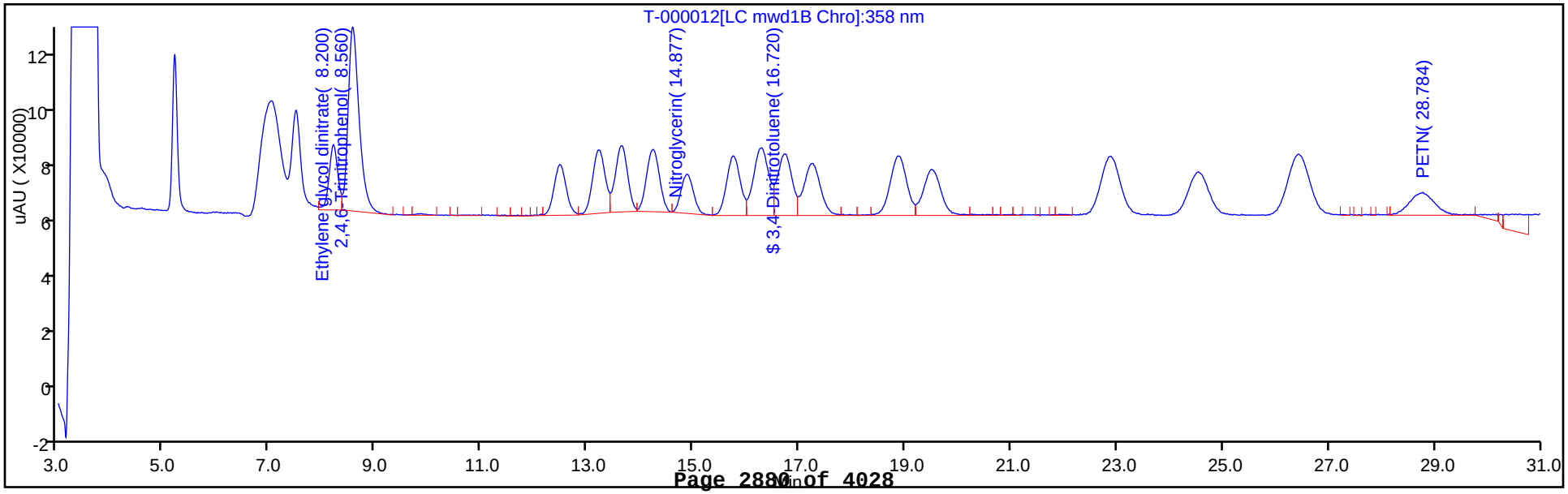


FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-6177/13 Calibration Date: 11/20/2012 21:41

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000013.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	134.8		5.36	5.00	7.1	30.0
RDX	Ave	88.99	114.0		6.41	5.00	28.1	30.0
1,3,5-Trinitrobenzene	Ave	162.7	180.2		5.54	5.00	10.8	30.0
1,3-Dinitrobenzene	Ave	161.7	185.0		5.72	5.00	14.4	30.0
3,5-Dinitroaniline	Ave	103.9	118.6		5.71	5.00	14.1	30.0
Tetryl	Ave	86.55	88.60		5.12	5.00	2.4	30.0
Nitrobenzene	Ave	73.74	101.6		6.89	5.00	37.8*	30.0
Nitroglycerin	Ave	64.89	76.15		23.5	20.0	17.4	30.0
2,4,6-Trinitrotoluene	Ave	92.79	107.0		5.77	5.00	15.3	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	86.80		5.73	5.00	14.6	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	90.60		5.42	5.00	8.4	30.0
2,6-Dinitrotoluene	Ave	59.58	71.40		5.99	5.00	19.8	30.0
2,4-Dinitrotoluene	Ave	95.97	104.2		5.43	5.00	8.6	30.0
2-Nitrotoluene	Ave	44.56	60.00		6.73	5.00	34.7*	30.0
4-Nitrotoluene	Ave	53.43	75.00		7.02	5.00	40.4*	30.0
3-Nitrotoluene	Ave	53.94	53.60		4.97	5.00	-0.6	30.0
PETN	Ave	36.72	40.60		22.1	20.0	10.6	30.0
3,4-Dinitrotoluene	Ave	56.32	60.65		21.5	20.0	7.7	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-6177/13 Calibration Date: 11/20/2012 21:41

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.20	4.95	5.45
RDX	7.47	7.22	7.72
1,3,5-Trinitrobenzene	9.85	9.60	10.10
1,3-Dinitrobenzene	12.49	12.24	12.74
3,5-Dinitroaniline	13.24	12.99	13.49
Tetryl	13.59	13.34	13.84
Nitrobenzene	14.20	13.95	14.45
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.73	15.48	15.98
4-Amino-2,6-dinitrotoluene	16.19	15.94	16.44
2-Amino-4,6-dinitrotoluene	17.15	16.90	17.40
2,6-Dinitrotoluene	18.89	18.64	19.14
2,4-Dinitrotoluene	19.38	19.13	19.63
2-Nitrotoluene	22.82	22.57	23.07
4-Nitrotoluene	24.56	24.31	24.81
3-Nitrotoluene	26.26	26.01	26.51
PETN	28.65	28.40	28.90
3,4-Dinitrotoluene	16.73	16.48	16.98

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D
Lims ID: CCVL Client ID:
Inject. Date: 20-Nov-2012 21:41:45 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001479-013
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 6177 Lims Sample ID: 13
Sublist: chrom-8330_LC10*sub2

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 21-Nov-2012 12:04:23 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:04:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.196	5.196	0.0	674	5.36	
19 RDX						
1	7.466	7.466	0.0	570	6.41	
27 1,3,5-Trinitrobenzene						
1	9.849	9.849	0.0	901	5.54	
24 1,3-Dinitrobenzene						
1	12.490	12.490	0.0	925	5.72	
9 3,5-Dinitroaniline						
1	13.243	13.243	0.0	593	5.71	
20 Tetryl						
1	13.593	13.593	0.0	443	5.12	
5 Nitrobenzene						
1	14.203	14.203	0.0	508	6.89	
7 Nitroglycerin						
2	14.880	14.880	0.0	1523	23.5	
25 2,4,6-Trinitrotoluene						
1	15.730	15.730	0.0	535	5.77	
26 4-Amino-2,6-dinitrotoluene						
1	16.190	16.190	0.0	434	5.73	
$ 30 3,4-Dinitrotoluene						
1	16.726	16.726	0.0	1213	21.5	
2	16.693	16.693	0.0	2211	21.4	
6 2-Amino-4,6-dinitrotoluene						
1	17.153	17.153	0.0	453	5.42	
12 2,6-Dinitrotoluene						
1	18.890	18.890	0.0	357	5.99	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	19.383	19.383	0.0	521	5.43	
16 o-Nitrotoluene						
1	22.823	22.823	0.0	300	6.73	
15 p-Nitrotoluene						
1	24.556	24.556	0.0	375	7.02	
8 m-Nitrotoluene						
1	26.256	26.256	0.0	268	4.97	
21 PETN						M
2	28.653	28.653	0.0	812	22.1	M

QC Flag Legend

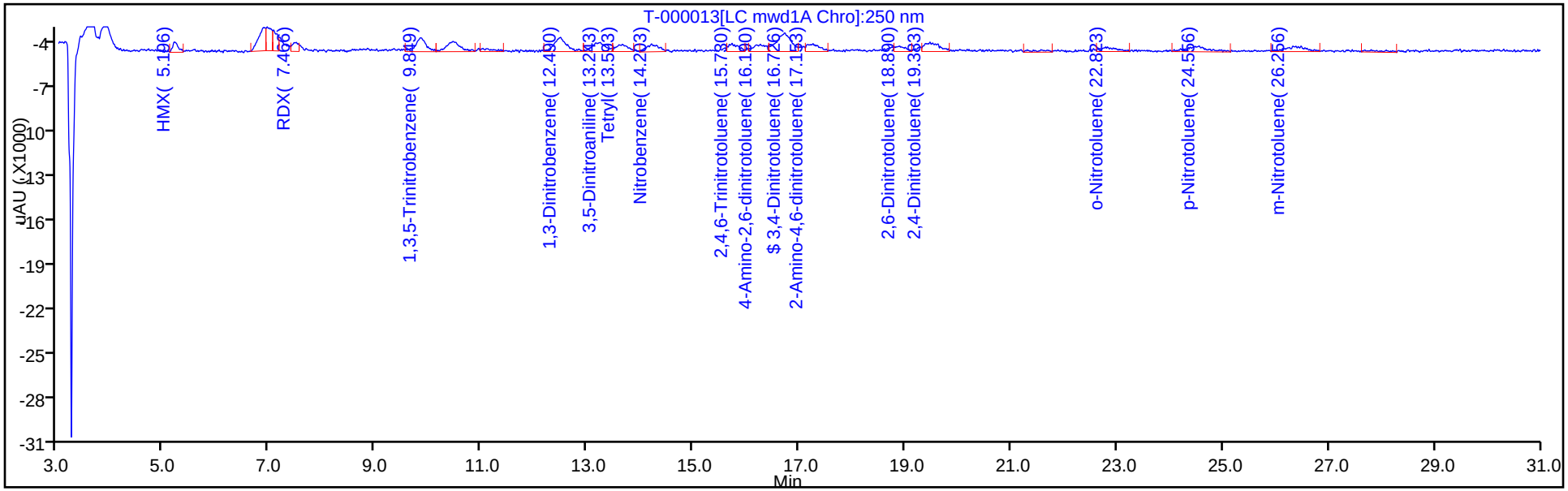
Review Flags
M - Manually Integrated

Report Date: 21-Nov-2012 12:04:24 Chrom Revision: 2.1 14-Nov-2012 09:16:24

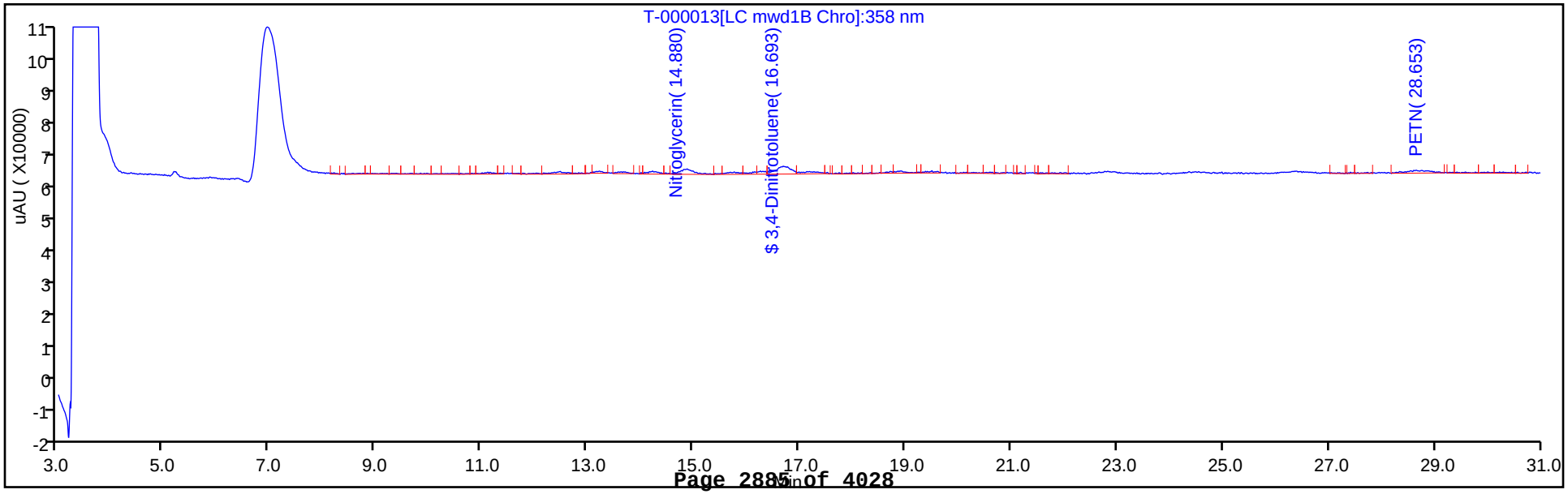
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D		
Injection Date:	20-Nov-2012 21:41:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 21-Nov-2012 12:04:24 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

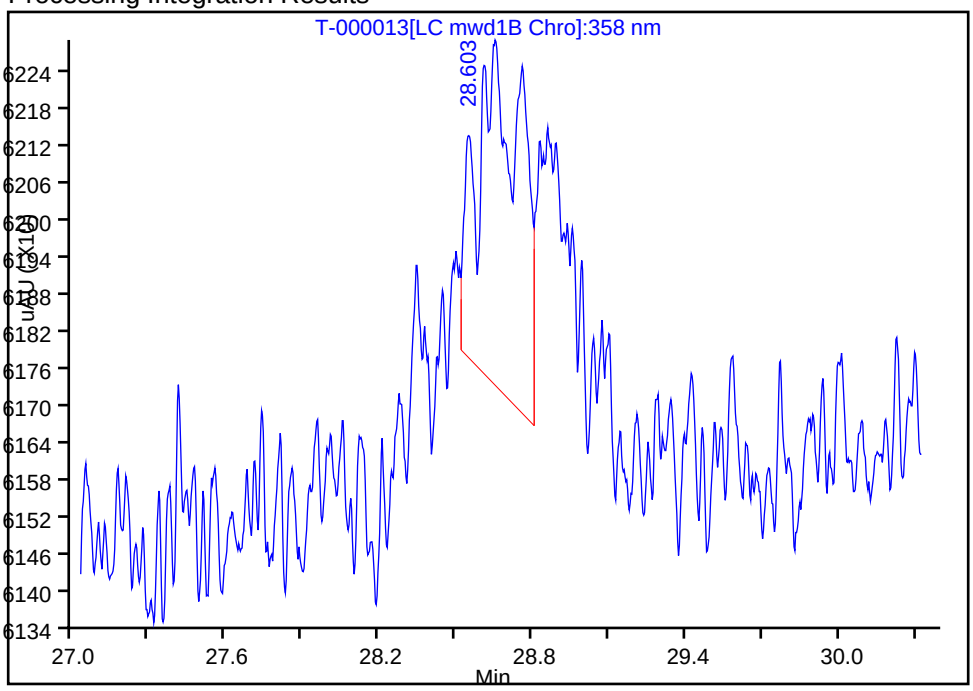
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D		
Injection Date:	20-Nov-2012 21:41:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.65, Det: LC mwd1B

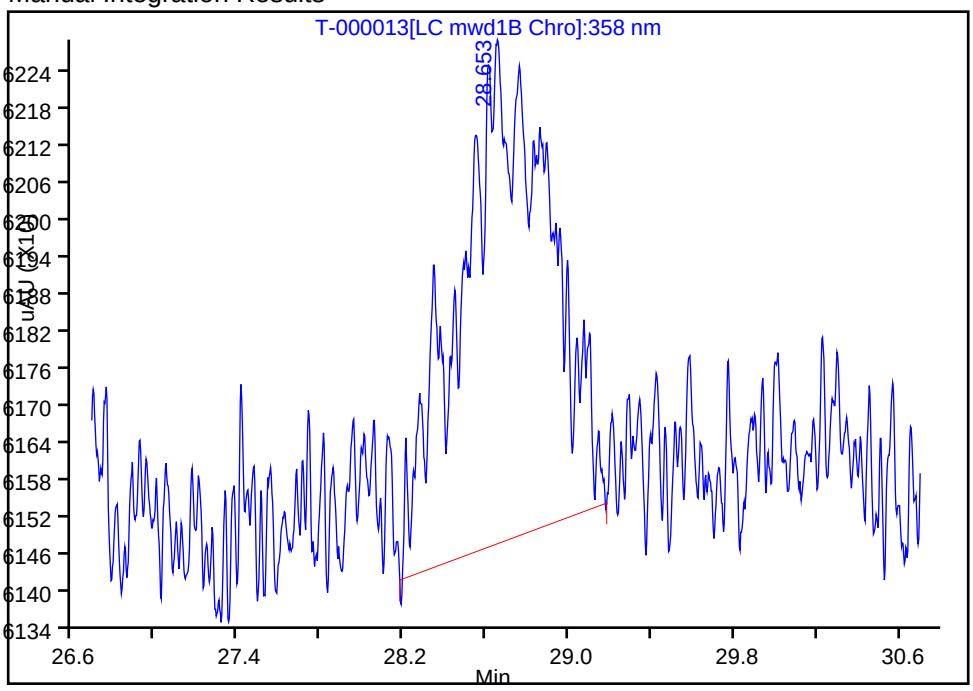
Processing Integration Results

RT: 28.60
Response: 460
Amount: 12.525641



Manual Integration Results

RT: 28.65
Response: 812
Amount: 22.110480



Reviewer: noonanr, 21-Nov-2012 12:04:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD06 320-6177/24 Calibration Date: 11/21/2012 05:06

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000024.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	127.2		202	200	1.1	20.0
RDX	Ave	88.99	85.39		192	200	-4.0	20.0
Ethylene glycol dinitrate	Ave	96.86	105.6		218	200	9.0	20.0
1,3,5-Trinitrobenzene	Ave	162.7	162.5		200	200	-0.0	20.0
1,3-Dinitrobenzene	Ave	161.7	161.5		200	200	-0.1	20.0
3,5-Dinitroaniline	Ave	103.9	102.9		198	200	-1.0	20.0
Tetryl	Ave	86.55	85.54		198	200	-1.2	20.0
Nitrobenzene	Ave	73.74	69.42		188	200	-5.9	20.0
Nitroglycerin	Ave	64.89	63.83		197	200	-1.6	20.0
2,4,6-Trinitrotoluene	Ave	92.79	92.10		199	200	-0.7	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	75.57		200	200	-0.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.40		197	200	-1.4	20.0
2,6-Dinitrotoluene	Ave	59.58	57.03		191	200	-4.3	20.0
2,4-Dinitrotoluene	Ave	95.97	95.55		199	200	-0.4	20.0
2-Nitrotoluene	Ave	44.56	40.45		182	200	-9.2	20.0
4-Nitrotoluene	Ave	53.43	50.05		187	200	-6.3	20.0
3-Nitrotoluene	Ave	53.94	50.33		187	200	-6.7	20.0
PETN	Ave	36.72	37.43		204	200	1.9	20.0
3,4-Dinitrotoluene	Ave	56.32	53.18		189	200	-5.6	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD06 320-6177/24 Calibration Date: 11/21/2012 05:06

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000024.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.20	4.95	5.45
RDX	7.49	7.24	7.74
Ethylene glycol dinitrate	8.19	7.94	8.44
1,3,5-Trinitrobenzene	9.85	9.60	10.10
1,3-Dinitrobenzene	12.47	12.22	12.72
3,5-Dinitroaniline	13.20	12.95	13.45
Tetryl	13.64	13.39	13.89
Nitrobenzene	14.22	13.97	14.47
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.74	15.49	15.99
4-Amino-2,6-dinitrotoluene	16.25	16.00	16.50
2-Amino-4,6-dinitrotoluene	17.21	16.96	17.46
2,6-Dinitrotoluene	18.85	18.60	19.10
2,4-Dinitrotoluene	19.48	19.23	19.73
2-Nitrotoluene	22.85	22.60	23.10
4-Nitrotoluene	24.50	24.25	24.75
3-Nitrotoluene	26.38	26.13	26.63
PETN	28.73	28.48	28.98
3,4-Dinitrotoluene	16.70	16.45	16.95

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000024.D
Lims ID: STD06 Client ID:
Inject. Date: 21-Nov-2012 05:06:09 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001479-024
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 3
Lims Batch ID: 6177 Lims Sample ID: 24
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 21-Nov-2012 12:27:08 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:27:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.198	5.198	0.0	25445	202.3	
19 RDX						
1	7.488	7.488	0.0	17077	191.9	
3 Ethylene glycol dinitrate						
2	8.192	8.192	0.0	21115	218.0	
10 2,4,6-Trinitrophenol						
2	8.555	8.555	0.0	60526	491.4	
1	8.552	8.552	0.0	41657	503.9	
27 1,3,5-Trinitrobenzene						
1	9.845	9.845	0.0	32507	199.8	
24 1,3-Dinitrobenzene						
1	12.465	12.465	0.0	32293	199.7	
9 3,5-Dinitroaniline						
1	13.195	13.195	0.0	20582	198.1	
20 Tetryl						
1	13.635	13.635	0.0	17107	197.7	
5 Nitrobenzene						
1	14.218	14.218	0.0	13884	188.3	
7 Nitroglycerin						
2	14.875	14.875	0.0	12765	196.7	
25 2,4,6-Trinitrotoluene						
1	15.738	15.738	0.0	18419	198.5	
26 4-Amino-2,6-dinitrotoluene						
1	16.245	16.245	0.0	15114	199.6	
$ 30 3,4-Dinitrotoluene						
1	16.702	16.702	0.0	10635	188.8	
2	16.708	16.708	0.0	20186	195.4	

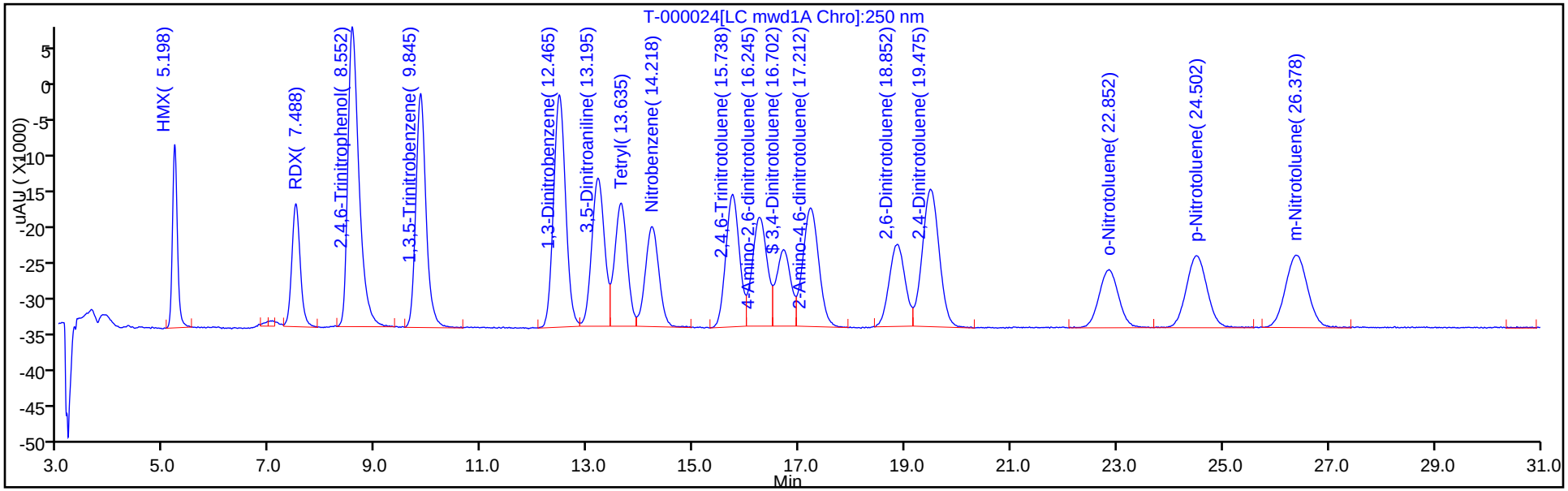
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.212	17.212	0.0	16479	197.1	
12 2,6-Dinitrotoluene						
1	18.852	18.852	0.0	11405	191.4	
23 2,4-Dinitrotoluene						
1	19.475	19.475	0.0	19109	199.1	
16 o-Nitrotoluene						
1	22.852	22.852	0.0	8090	181.6	
15 p-Nitrotoluene						
1	24.502	24.502	0.0	10010	187.4	
8 m-Nitrotoluene						
1	26.378	26.378	0.0	10065	186.6	
21 PETN						
2	28.728	28.728	0.0	7485	203.8	

Report Date: 21-Nov-2012 12:27:09 Chrom Revision: 2.1 14-Nov-2012 09:16:24

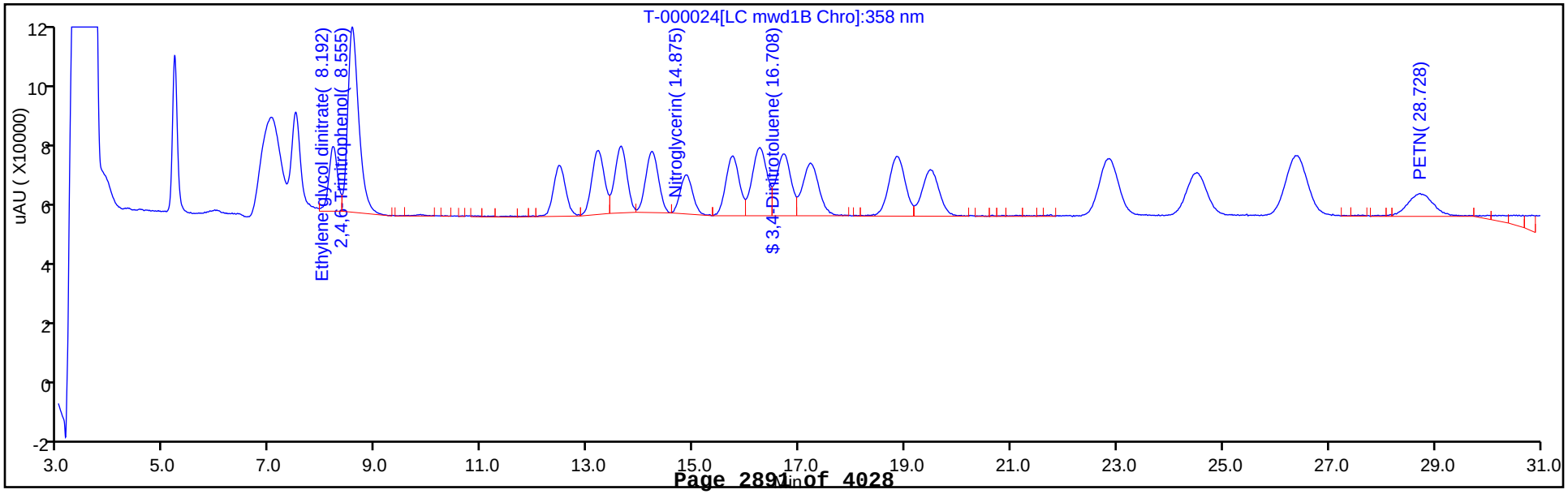
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000024.D		
Injection Date:	21-Nov-2012 05:06:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	24
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD06 320-6177/34 Calibration Date: 11/21/2012 11:51

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000034.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	127.8		203	200	1.6	20.0
RDX	Ave	88.99	86.25		194	200	-3.1	20.0
Ethylene glycol dinitrate	Ave	96.86	106.5		220	200	10.0	20.0
1,3,5-Trinitrobenzene	Ave	162.7	162.8		200	200	0.0	20.0
1,3-Dinitrobenzene	Ave	161.7	161.8		200	200	0.0	20.0
3,5-Dinitroaniline	Ave	103.9	105.0		202	200	1.0	20.0
Tetryl	Ave	86.55	87.46		202	200	1.1	20.0
Nitrobenzene	Ave	73.74	72.82		197	200	-1.3	20.0
Nitroglycerin	Ave	64.89	64.17		198	200	-1.1	20.0
2,4,6-Trinitrotoluene	Ave	92.79	93.32		201	200	0.6	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	77.19		204	200	1.9	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	83.56		200	200	-0.0	20.0
2,6-Dinitrotoluene	Ave	59.58	58.76		197	200	-1.4	20.0
2,4-Dinitrotoluene	Ave	95.97	96.50		201	200	0.6	20.0
2-Nitrotoluene	Ave	44.56	41.69		187	200	-6.4	20.0
4-Nitrotoluene	Ave	53.43	51.32		192	200	-3.9	20.0
3-Nitrotoluene	Ave	53.94	51.92		193	200	-3.7	20.0
PETN	Ave	36.72	37.76		206	200	2.8	20.0
3,4-Dinitrotoluene	Ave	56.32	55.05		195	200	-2.3	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD06 320-6177/34 Calibration Date: 11/21/2012 11:51

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000034.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.19	4.94	5.44
RDX	7.47	7.22	7.72
Ethylene glycol dinitrate	8.18	7.93	8.43
1,3,5-Trinitrobenzene	9.83	9.58	10.08
1,3-Dinitrobenzene	12.45	12.20	12.70
3,5-Dinitroaniline	13.18	12.93	13.43
Tetryl	13.61	13.36	13.86
Nitrobenzene	14.19	13.94	14.44
Nitroglycerin	14.84	14.59	15.09
2,4,6-Trinitrotoluene	15.71	15.46	15.96
4-Amino-2,6-dinitrotoluene	16.23	15.98	16.48
2-Amino-4,6-dinitrotoluene	17.19	16.94	17.44
2,6-Dinitrotoluene	18.81	18.56	19.06
2,4-Dinitrotoluene	19.44	19.19	19.69
2-Nitrotoluene	22.79	22.54	23.04
4-Nitrotoluene	24.45	24.20	24.70
3-Nitrotoluene	26.32	26.07	26.57
PETN	28.63	28.38	28.88
3,4-Dinitrotoluene	16.68	16.43	16.93

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000034.D
Lims ID: STD06 Client ID:
Inject. Date: 21-Nov-2012 11:51:39 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001479-034
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 4
Lims Batch ID: 6177 Lims Sample ID: 34
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 21-Nov-2012 12:52:52 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:52:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.191	5.191	0.0	25567	203.2	
19 RDX						
1	7.471	7.471	0.0	17250	193.8	
3 Ethylene glycol dinitrate						
2	8.181	8.181	0.0	21303	219.9	
10 2,4,6-Trinitrophenol						
2	8.534	8.534	0.0	60010	487.3	
1	8.534	8.534	0.0	41812	505.8	
27 1,3,5-Trinitrobenzene						
1	9.828	9.828	0.0	32552	200.1	
24 1,3-Dinitrobenzene						
1	12.448	12.448	0.0	32362	200.2	
9 3,5-Dinitroaniline						
1	13.178	13.178	0.0	20996	202.1	
20 Tetryl						
1	13.608	13.608	0.0	17492	202.1	
5 Nitrobenzene						
1	14.191	14.191	0.0	14563	197.5	
7 Nitroglycerin						
2	14.844	14.844	0.0	12834	197.8	
25 2,4,6-Trinitrotoluene						
1	15.711	15.711	0.0	18664	201.1	
26 4-Amino-2,6-dinitrotoluene						
1	16.228	16.228	0.0	15437	203.8	
$ 30 3,4-Dinitrotoluene						
1	16.681	16.681	0.0	11009	195.5	
2	16.684	16.684	0.0	20286	196.3	

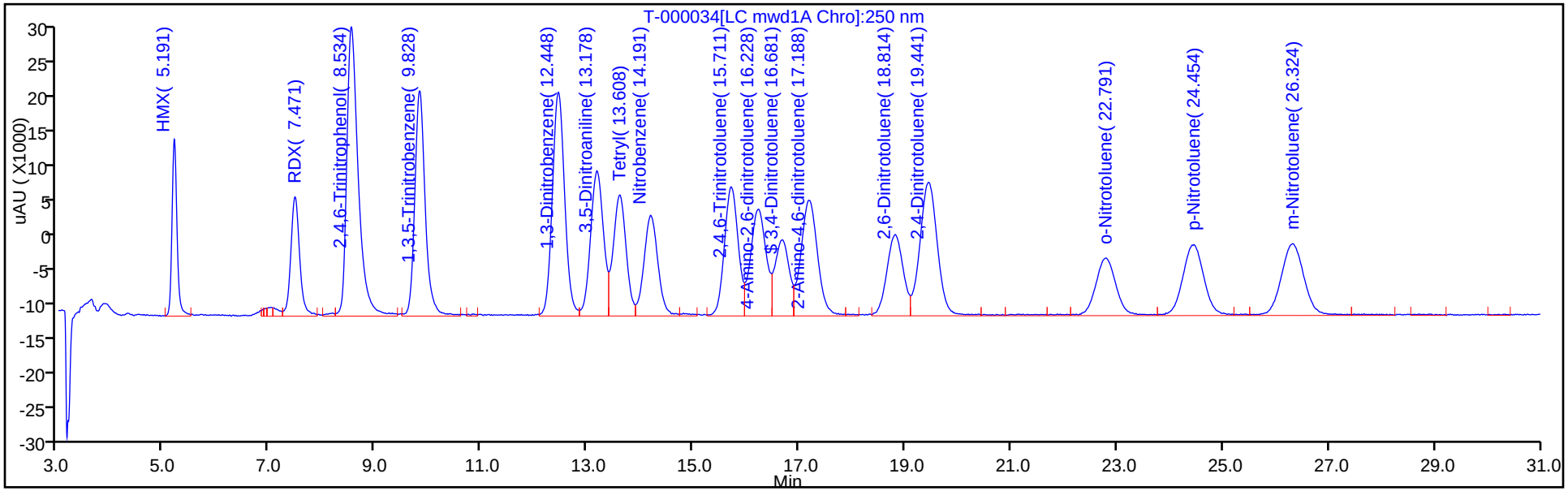
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.188	17.188	0.0	16712	199.9	
12 2,6-Dinitrotoluene						
1	18.814	18.814	0.0	11751	197.2	
23 2,4-Dinitrotoluene						
1	19.441	19.441	0.0	19300	201.1	
16 o-Nitrotoluene						
1	22.791	22.791	0.0	8337	187.1	
15 p-Nitrotoluene						
1	24.454	24.454	0.0	10264	192.1	
8 m-Nitrotoluene						
1	26.324	26.324	0.0	10383	192.5	
21 PETN						
2	28.634	28.634	0.0	7551	205.6	

Report Date: 21-Nov-2012 12:52:53 Chrom Revision: 2.1 14-Nov-2012 09:16:24

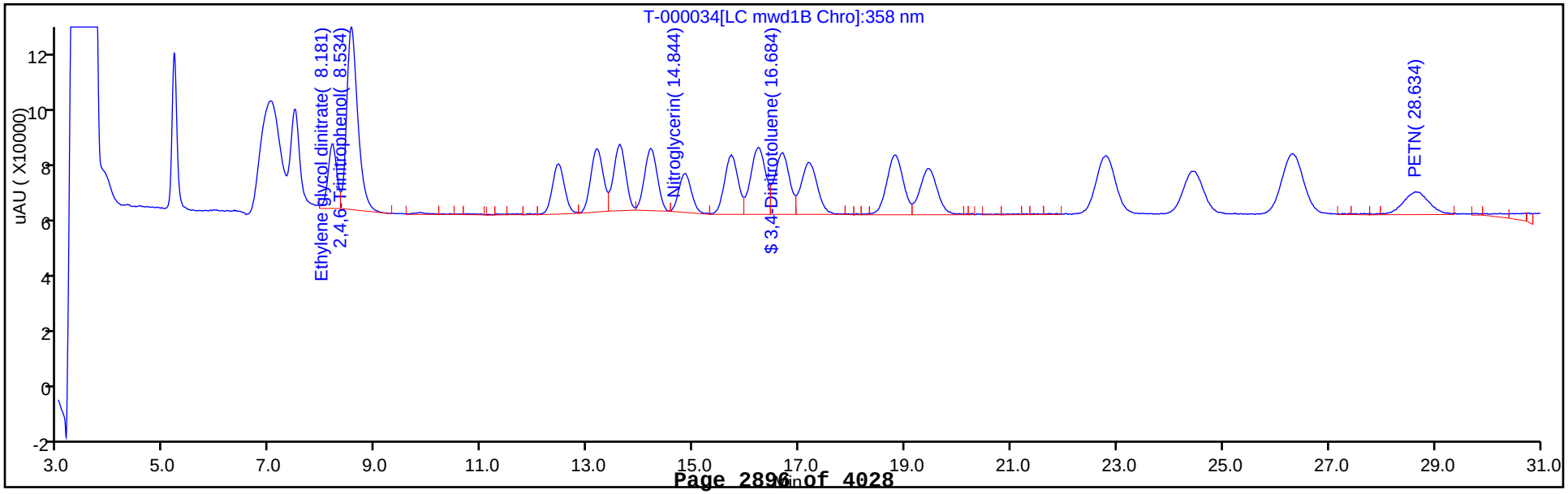
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000034.D		
Injection Date:	21-Nov-2012 11:51:39	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	34
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD06 320-6177/42 Calibration Date: 11/21/2012 17:16

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000042.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	127.1		202	200	1.0	20.0
RDX	Ave	88.99	85.74		193	200	-3.7	20.0
Ethylene glycol dinitrate	Ave	96.86	106.1		219	200	9.5	20.0
1,3,5-Trinitrobenzene	Ave	162.7	162.0		199	200	-0.4	20.0
1,3-Dinitrobenzene	Ave	161.7	161.2		199	200	-0.3	20.0
3,5-Dinitroaniline	Ave	103.9	103.5		199	200	-0.4	20.0
Tetryl	Ave	86.55	86.62		200	200	0.0	20.0
Nitrobenzene	Ave	73.74	71.27		193	200	-3.3	20.0
Nitroglycerin	Ave	64.89	64.16		198	200	-1.1	20.0
2,4,6-Trinitrotoluene	Ave	92.79	92.07		198	200	-0.8	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	76.62		202	200	1.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.75		198	200	-1.0	20.0
2,6-Dinitrotoluene	Ave	59.58	58.64		197	200	-1.6	20.0
2,4-Dinitrotoluene	Ave	95.97	96.67		201	200	0.7	20.0
2-Nitrotoluene	Ave	44.56	40.62		182	200	-8.8	20.0
4-Nitrotoluene	Ave	53.43	50.13		188	200	-6.2	20.0
3-Nitrotoluene	Ave	53.94	50.99		189	200	-5.5	20.0
PETN	Ave	36.72	35.51		193	200	-3.3	20.0
3,4-Dinitrotoluene	Ave	56.32	54.90		195	200	-2.5	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD06 320-6177/42 Calibration Date: 11/21/2012 17:16

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000042.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.19	4.94	5.44
RDX	7.48	7.23	7.73
Ethylene glycol dinitrate	8.18	7.93	8.43
1,3,5-Trinitrobenzene	9.82	9.57	10.07
1,3-Dinitrobenzene	12.44	12.19	12.69
3,5-Dinitroaniline	13.17	12.92	13.42
Tetryl	13.60	13.35	13.85
Nitrobenzene	14.19	13.94	14.44
Nitroglycerin	14.83	14.58	15.08
2,4,6-Trinitrotoluene	15.71	15.46	15.96
4-Amino-2,6-dinitrotoluene	16.22	15.97	16.47
2-Amino-4,6-dinitrotoluene	17.18	16.93	17.43
2,6-Dinitrotoluene	18.81	18.56	19.06
2,4-Dinitrotoluene	19.45	19.20	19.70
2-Nitrotoluene	22.82	22.57	23.07
4-Nitrotoluene	24.47	24.22	24.72
3-Nitrotoluene	26.39	26.14	26.64
PETN	28.71	28.46	28.96
3,4-Dinitrotoluene	16.67	16.42	16.92

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000042.D
Lims ID: STD06 Client ID:
Inject. Date: 21-Nov-2012 17:16:17 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001479-042
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 4
Lims Batch ID: 6177 Lims Sample ID: 42
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 26-Nov-2012 08:45:08 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK020

First Level Reviewer: noonanr Date: 26-Nov-2012 08:45:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.193	5.193	0.0	25418	202.0	
19 RDX						
1	7.477	7.477	0.0	17147	192.7	
3 Ethylene glycol dinitrate						
2	8.180	8.180	0.0	21216	219.0	
10 2,4,6-Trinitrophenol						
2	8.530	8.530	0.0	60472	491.0	
1	8.530	8.530	0.0	41699	504.4	
27 1,3,5-Trinitrobenzene						
1	9.823	9.823	0.0	32405	199.2	
24 1,3-Dinitrobenzene						
1	12.437	12.437	0.0	32239	199.4	
9 3,5-Dinitroaniline						
1	13.167	13.167	0.0	20701	199.2	
20 Tetryl						
1	13.600	13.600	0.0	17324	200.2	
5 Nitrobenzene						
1	14.194	14.194	0.0	14254	193.3	
7 Nitroglycerin						
2	14.830	14.830	0.0	12832	197.8	
25 2,4,6-Trinitrotoluene						
1	15.707	15.707	0.0	18414	198.5	
26 4-Amino-2,6-dinitrotoluene						
1	16.220	16.220	0.0	15323	202.3	
$ 30 3,4-Dinitrotoluene						
1	16.674	16.674	0.0	10980	195.0	
2	16.677	16.677	0.0	20239	195.9	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.177	17.177	0.0	16550	198.0	
12 2,6-Dinitrotoluene						
1	18.814	18.814	0.0	11727	196.8	
23 2,4-Dinitrotoluene						
1	19.454	19.454	0.0	19333	201.5	
16 o-Nitrotoluene						
1	22.817	22.817	0.0	8124	182.3	
15 p-Nitrotoluene						
1	24.474	24.474	0.0	10026	187.7	
8 m-Nitrotoluene						
1	26.387	26.387	0.0	10198	189.1	
21 PETN						M
2	28.714	28.714	0.0	7101	193.4	M

QC Flag Legend

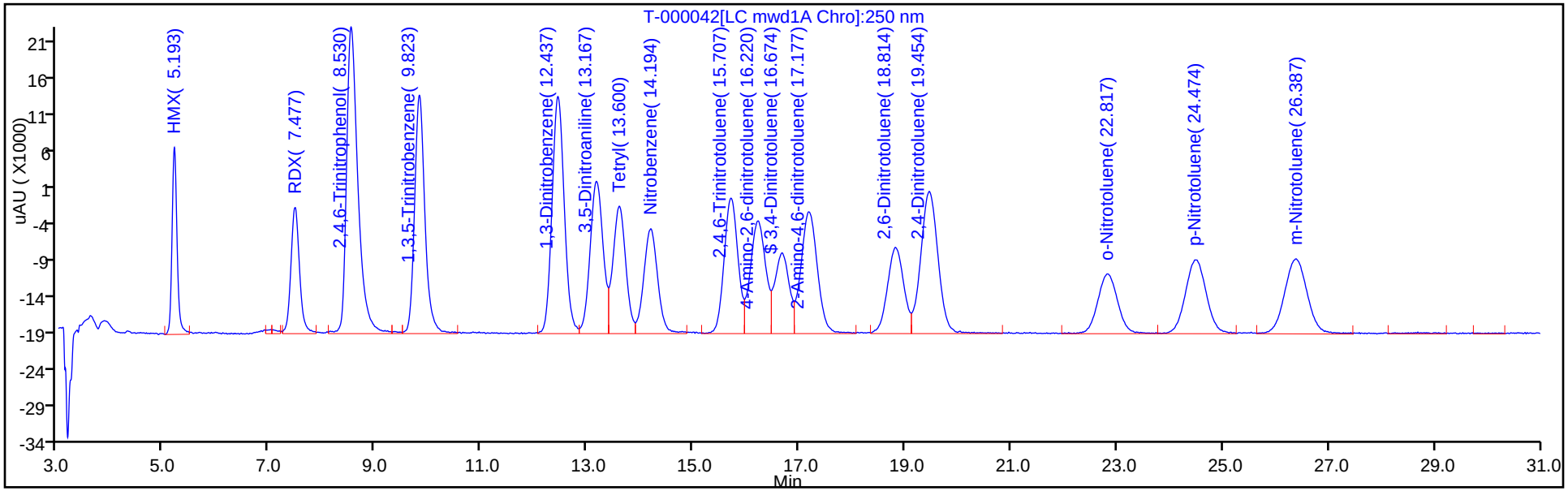
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 08:45:08 Chrom Revision: 2.1 14-Nov-2012 09:16:24

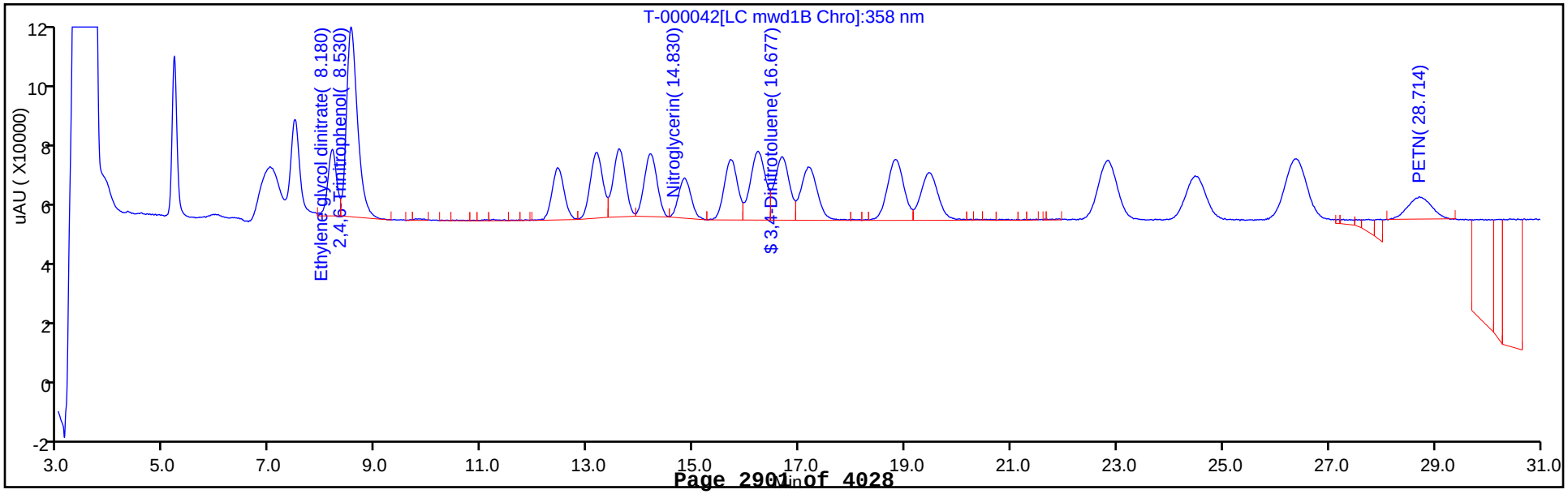
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000042.D		
Injection Date:	21-Nov-2012 17:16:17	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	42
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

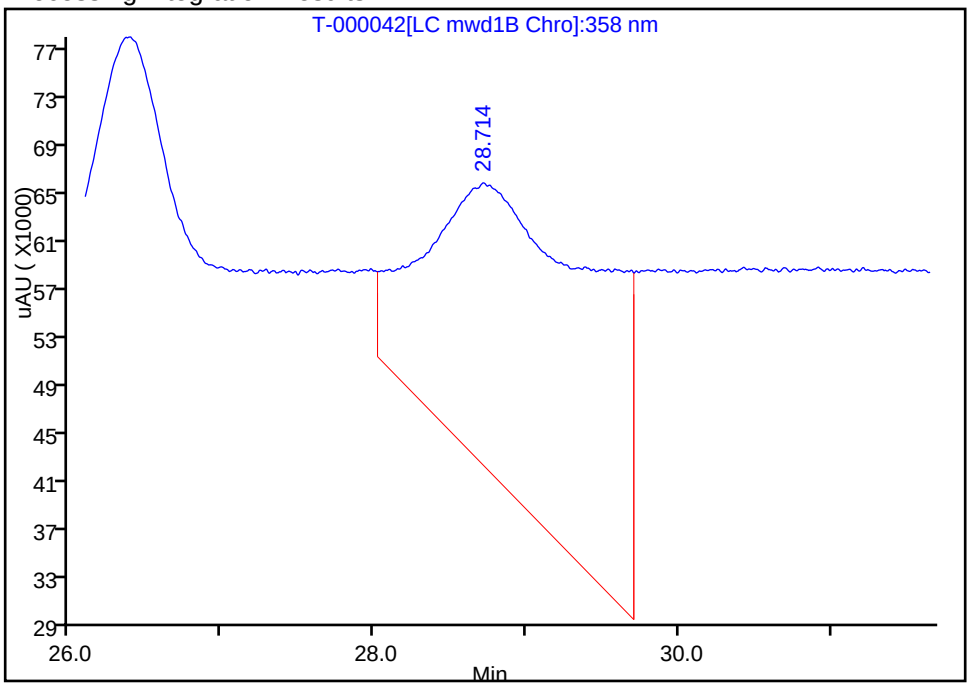
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000042.D		
Injection Date:	21-Nov-2012 17:16:17	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	42
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.71, Det: LC mwd1B

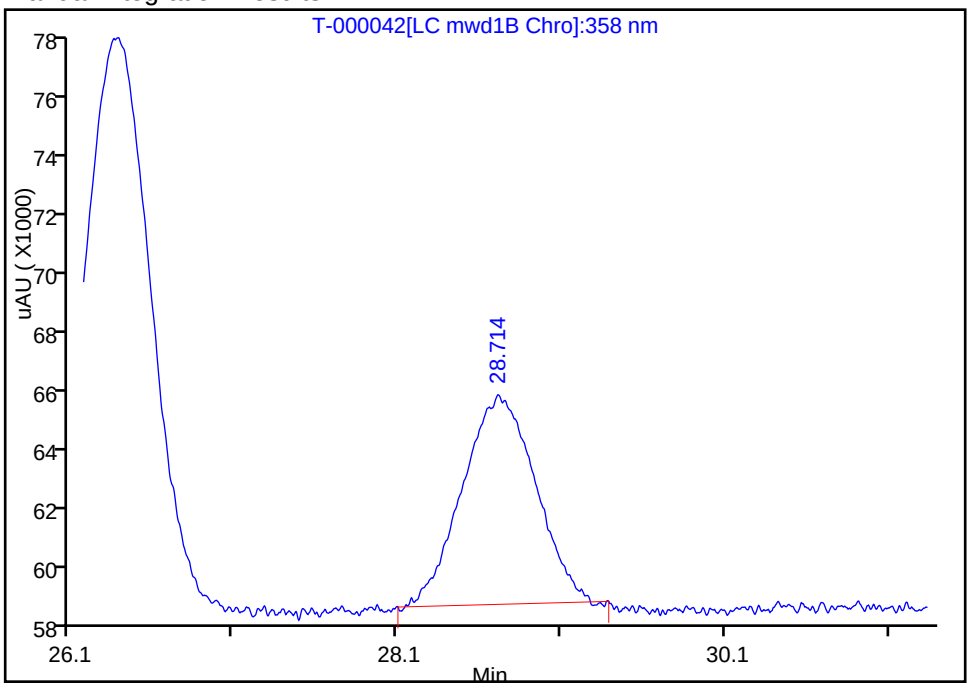
Processing Integration Results

RT: 28.71
Response: 23414
Amount: 637.5551



Manual Integration Results

RT: 28.71
Response: 7101
Amount: 193.3578



Reviewer: noonanr, 26-Nov-2012 08:45:08
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-6177/43 Calibration Date: 11/21/2012 17:56

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000043.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	151.8		6.03	5.00	20.7	30.0
RDX	Ave	88.99	124.6		7.00	5.00	40.0*	30.0
1,3,5-Trinitrobenzene	Ave	162.7	169.8		5.22	5.00	4.4	30.0
1,3-Dinitrobenzene	Ave	161.7	179.0		5.54	5.00	10.7	30.0
3,5-Dinitroaniline	Ave	103.9	113.6		5.47	5.00	9.3	30.0
Tetryl	Ave	86.55	86.00		4.97	5.00	-0.6	30.0
Nitrobenzene	Ave	73.74	101.0		6.85	5.00	37.0*	30.0
Nitroglycerin	Ave	64.89	78.70		24.3	20.0	21.3	30.0
2,4,6-Trinitrotoluene	Ave	92.79	92.40		4.98	5.00	-0.4	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	97.80		6.46	5.00	29.1	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	86.00		5.14	5.00	2.9	30.0
2,6-Dinitrotoluene	Ave	59.58	80.00		6.71	5.00	34.3*	30.0
2,4-Dinitrotoluene	Ave	95.97	120.0		6.25	5.00	25.0	30.0
2-Nitrotoluene	Ave	44.56	47.40		5.32	5.00	6.4	30.0
4-Nitrotoluene	Ave	53.43	62.80		5.88	5.00	17.5	30.0
3-Nitrotoluene	Ave	53.94	58.40		5.41	5.00	8.3	30.0
PETN	Ave	36.72	43.35		23.6	20.0	18.0	30.0
3,4-Dinitrotoluene	Ave	56.32	58.50		20.8	20.0	3.9	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-6177/43 Calibration Date: 11/21/2012 17:56

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: T-000043.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.21	4.96	5.46
RDX	7.52	7.27	7.77
1,3,5-Trinitrobenzene	9.86	9.61	10.11
1,3-Dinitrobenzene	12.50	12.25	12.75
3,5-Dinitroaniline	13.17	12.92	13.42
Tetryl	13.59	13.34	13.84
Nitrobenzene	14.24	13.99	14.49
Nitroglycerin	14.81	14.56	15.06
2,4,6-Trinitrotoluene	15.72	15.47	15.97
4-Amino-2,6-dinitrotoluene	16.20	15.95	16.45
2-Amino-4,6-dinitrotoluene	17.09	16.84	17.34
2,6-Dinitrotoluene	18.76	18.51	19.01
2,4-Dinitrotoluene	19.48	19.23	19.73
2-Nitrotoluene	22.75	22.50	23.00
4-Nitrotoluene	24.37	24.12	24.62
3-Nitrotoluene	26.33	26.08	26.58
PETN	28.67	28.42	28.92
3,4-Dinitrotoluene	16.67	16.42	16.92

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D
Lims ID: CCVL Client ID:
Inject. Date: 21-Nov-2012 17:56:36 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001479-043
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 6177 Lims Sample ID: 43
Sublist: chrom-8330_LC10*sub2

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 26-Nov-2012 08:47:24 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK020

First Level Reviewer: noonanr Date: 26-Nov-2012 08:47:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.206	5.206	0.0	759	6.03	
19 RDX						M
1	7.516	7.516	0.0	623	7.00	M
27 1,3,5-Trinitrobenzene						
1	9.860	9.860	0.0	849	5.22	
24 1,3-Dinitrobenzene						
1	12.503	12.503	0.0	895	5.54	
9 3,5-Dinitroaniline						
1	13.170	13.170	0.0	568	5.47	
20 Tetryl						
1	13.590	13.590	0.0	430	4.97	
5 Nitrobenzene						
1	14.240	14.240	0.0	505	6.85	
7 Nitroglycerin						
2	14.813	14.813	0.0	1574	24.3	
25 2,4,6-Trinitrotoluene						
1	15.717	15.717	0.0	462	4.98	
26 4-Amino-2,6-dinitrotoluene						
1	16.203	16.203	0.0	489	6.46	
$ 30 3,4-Dinitrotoluene						
1	16.670	16.670	0.0	1170	20.8	
2	16.673	16.673	0.0	2202	21.3	
6 2-Amino-4,6-dinitrotoluene						
1	17.090	17.090	0.0	430	5.14	
12 2,6-Dinitrotoluene						
1	18.763	18.763	0.0	400	6.71	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	19.483	19.483	0.0	600	6.25	
16 o-Nitrotoluene						
1	22.753	22.753	0.0	237	5.32	
15 p-Nitrotoluene						
1	24.367	24.367	0.0	314	5.88	
8 m-Nitrotoluene						
1	26.333	26.333	0.0	292	5.41	
21 PETN						M
2	28.673	28.673	0.0	867	23.6	M

QC Flag Legend

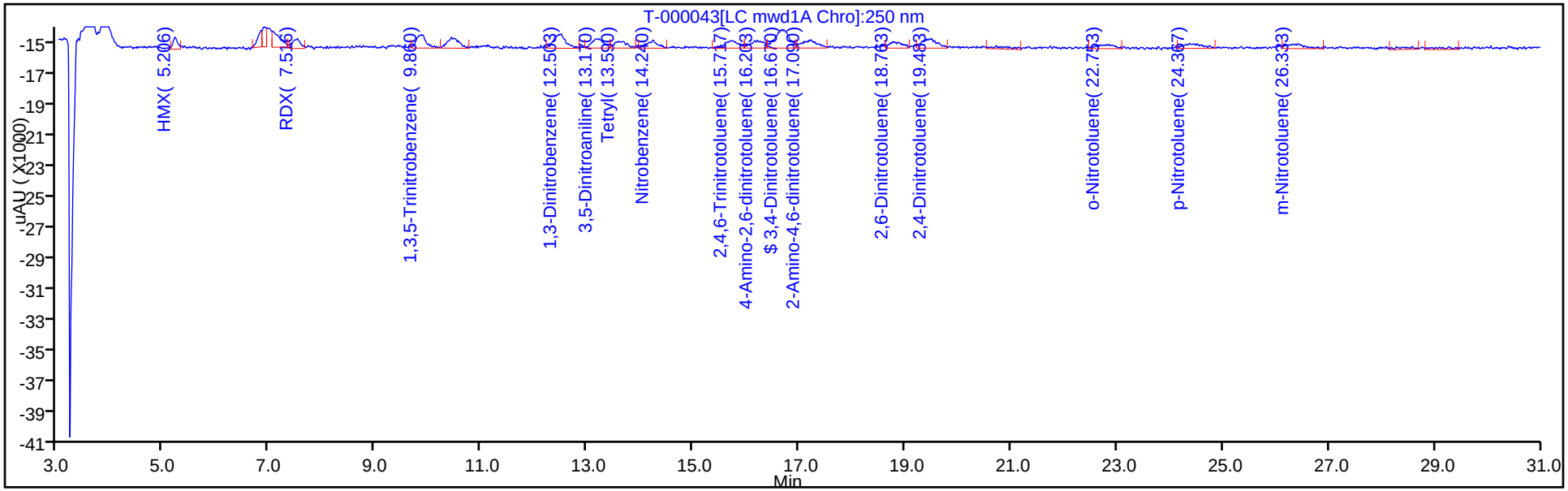
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 08:47:24 Chrom Revision: 2.1 14-Nov-2012 09:16:24

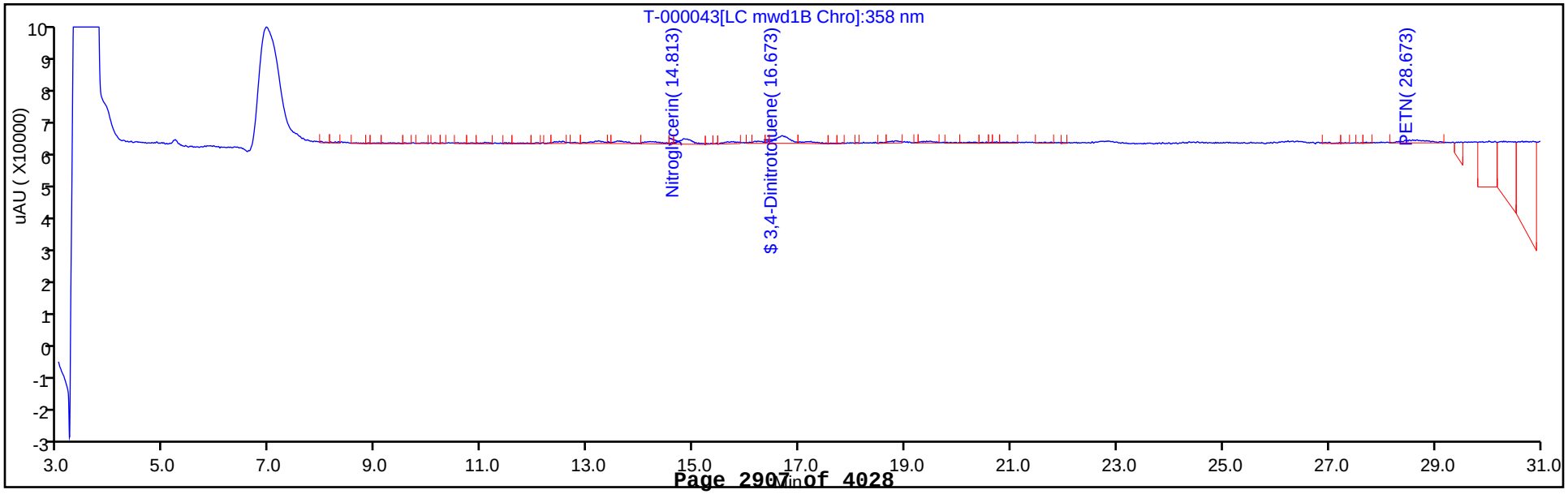
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D		
Injection Date:	21-Nov-2012 17:56:36	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	43
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

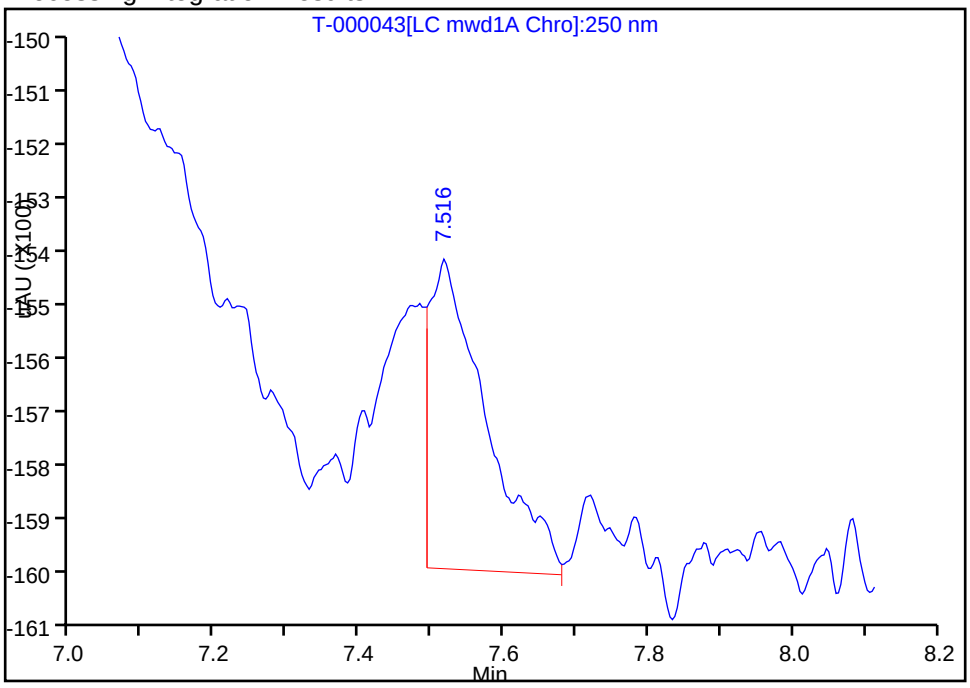
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D		
Injection Date:	21-Nov-2012 17:56:36	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	43
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

19 RDX, Signal: 1, Type: quant, RT: 7.52, Det: LC mwd1A

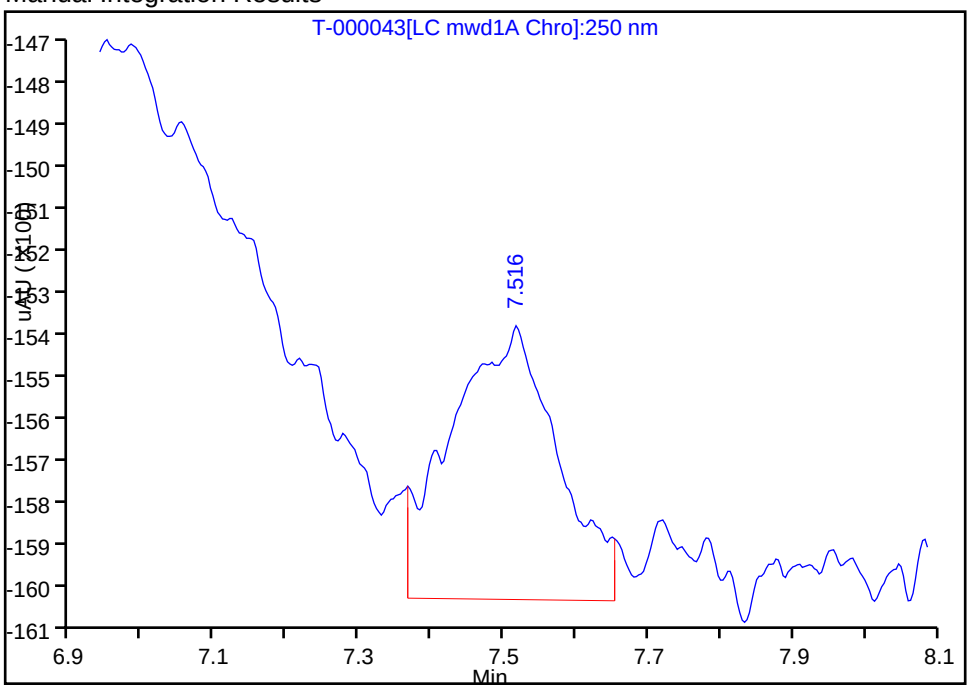
Processing Integration Results

RT: 7.52
Response: 579
Amount: 6.506605



Manual Integration Results

RT: 7.52
Response: 623
Amount: 7.001062



Reviewer: noonanr, 26-Nov-2012 08:47:24
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

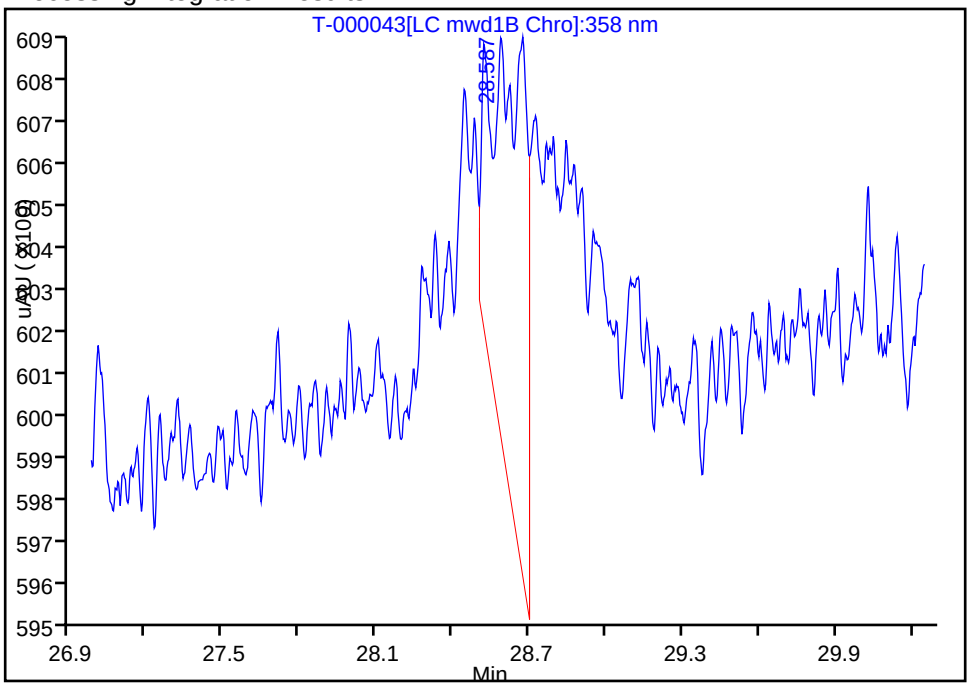
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D		
Injection Date:	21-Nov-2012 17:56:36	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	43
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.67, Det: LC mwd1B

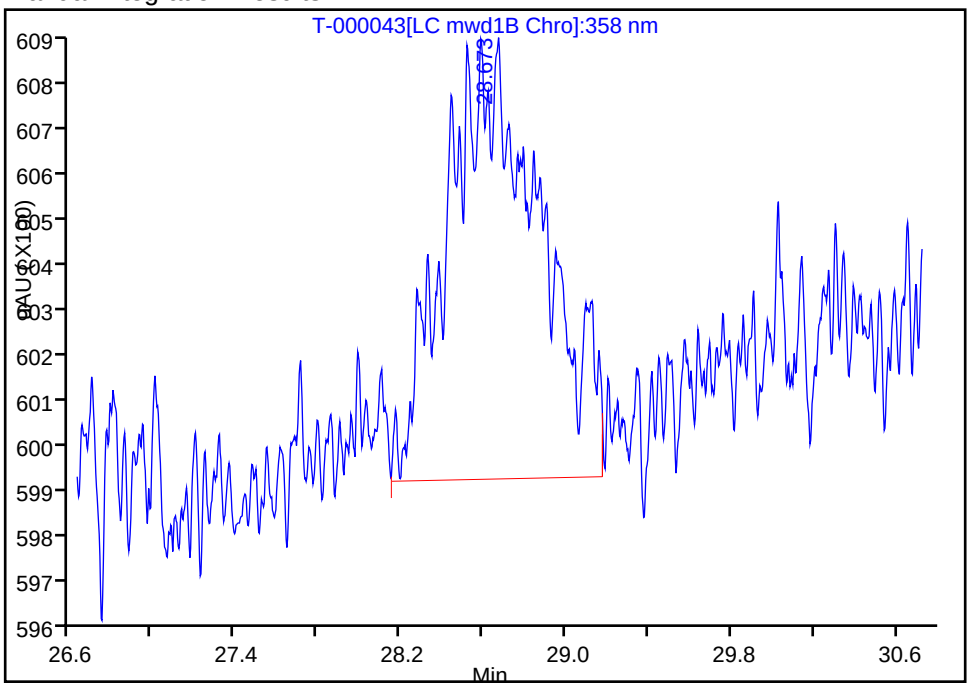
Processing Integration Results

RT: 28.59
Response: 856
Amount: 23.308585



Manual Integration Results

RT: 28.67
Response: 867
Amount: 23.608111



Reviewer: noonanr, 26-Nov-2012 08:47:24
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 320-4221/12 Calibration Date: 10/01/2012 23:24

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000014.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	46.99		515	500	3.1	20.0
Ethylene glycol dinitrate	Ave	21.09	23.66		561	500	12.2	20.0
1,3-Dinitrobenzene	Ave	100.4	99.30		495	500	-1.1	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.75		494	500	-1.3	20.0
2-Nitrotoluene	Ave	60.89	58.73		482	500	-3.6	20.0
4-Nitrotoluene	Ave	60.89	58.73		482	500	-3.6	20.0
3-Nitrotoluene	Ave	40.52	38.86		480	500	-4.1	20.0
3,5-Dinitroaniline	Ave	79.66	85.27		535	500	7.0	20.0
RDX	Ave	47.24	47.29		501	500	0.1	20.0
2,4-Dinitrotoluene	Ave	92.07	91.17		495	500	-1.0	20.0
2,6-Dinitrotoluene	Ave	54.36	54.14		498	500	-0.4	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.17		489	500	-2.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	61.58		488	500	-2.5	20.0
2,4,6-Trinitrotoluene	Ave	73.84	77.95		528	500	5.6	20.0
HMX	Ave	62.43	61.60		493	500	-1.3	20.0
Nitroglycerin	Ave	86.52	85.85		496	500	-0.8	20.0
Tetryl	Ave	117.1	125.2		535	500	6.9	20.0
PETN	Ave	151.5	154.2		509	500	1.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 320-4221/12 Calibration Date: 10/01/2012 23:24

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000014.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	21.49	21.17	21.67
Ethylene glycol dinitrate	22.41	22.10	22.60
1,3-Dinitrobenzene	24.42	24.11	24.61
1,3,5-Trinitrobenzene	26.92	26.63	27.13
2-Nitrotoluene	28.50	28.18	28.68
4-Nitrotoluene	28.50	28.18	28.68
3-Nitrotoluene	29.07	28.74	29.24
3,5-Dinitroaniline	30.56	30.23	30.73
RDX	31.22	30.88	31.38
2,4-Dinitrotoluene	32.14	31.81	32.31
2,6-Dinitrotoluene	33.12	32.78	33.28
2-Amino-4,6-dinitrotoluene	35.31	34.94	35.44
4-Amino-2,6-dinitrotoluene	35.89	35.52	36.02
2,4,6-Trinitrotoluene	39.66	39.31	39.81
HMX	41.84	41.49	41.99
Nitroglycerin	44.24	43.88	44.38
Tetryl	46.05	45.67	46.17
PETN	52.75	52.38	52.88

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000014.D
Lims ID: ICV Client ID:
Inject. Date: 01-Oct-2012 23:24:29 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV HP8330IC_00005;2;320-0000975-012
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 19
Lims Batch ID: 4221 Lims Sample ID: 12
Sublist:

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
Last Update: 02-Oct-2012 13:09:34 Calib Date: 01-Oct-2012 20:08:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 02-Oct-2012 09:17:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.487	21.424	0.063	23494	515.3	
3 Ethylene glycol dinitrate						
2	22.410	22.354	0.056	11829	560.8	
24 1,3-Dinitrobenzene						
1	24.420	24.360	0.060	49649	494.6	
27 1,3,5-Trinitrobenzene						
1	26.920	26.877	0.043	38874	493.6	
16 o-Nitrotoluene						
1	28.504	28.430	0.074	29363	482.2	
15 p-Nitrotoluene						
1	28.504	28.430	0.074	29363	482.2	
8 m-Nitrotoluene						
1	29.070	28.994	0.076	19432	479.5	
9 3,5-Dinitroaniline						
1	30.564	30.480	0.084	42633	535.2	
19 RDX						
1	31.217	31.134	0.083	23645	500.5	
23 2,4-Dinitrotoluene						
1	32.140	32.060	0.080	45585	495.1	
12 2,6-Dinitrotoluene						
1	33.120	33.030	0.090	27068	498.0	
6 2-Amino-4,6-dinitrotoluene						
1	35.307	35.194	0.113	37086	488.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.894	35.774	0.120	30788	487.6	
25 2,4,6-Trinitrotoluene						
1	39.660	39.560	0.100	38974	527.8	

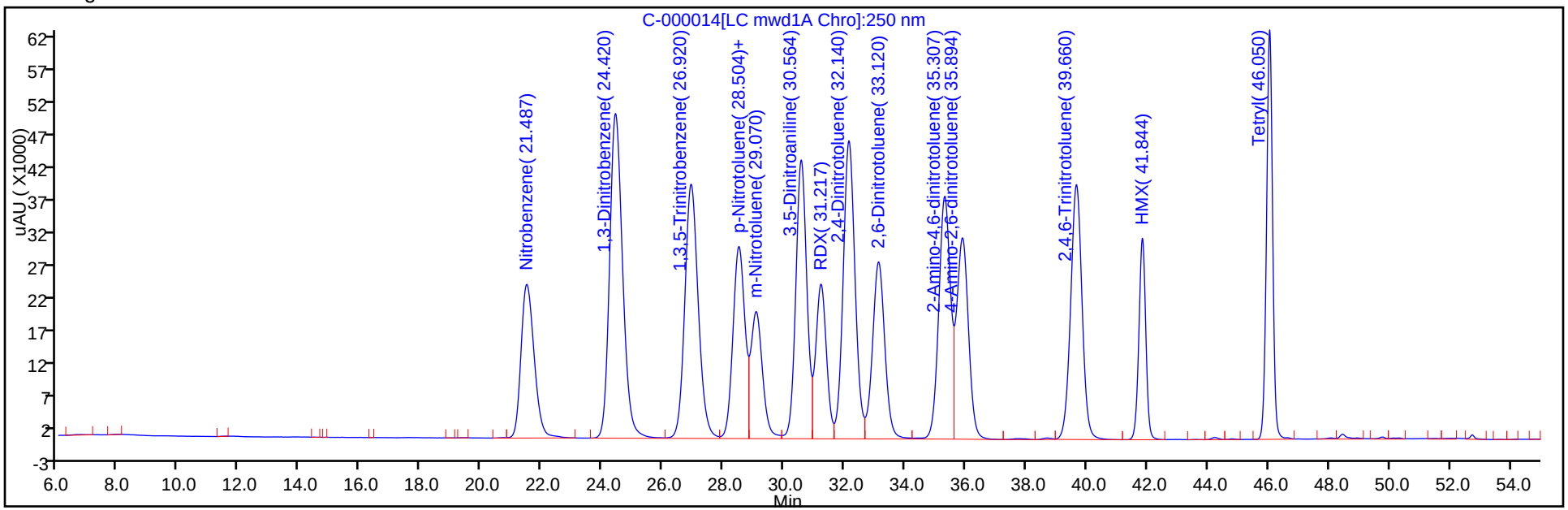
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	41.844	41.740	0.104	30798	493.3	
7 Nitroglycerin						
2	44.244	44.130	0.114	42925	496.1	
20 Tetryl						
1	46.050	45.920	0.130	62583	534.6	
21 PETN						
2	52.750	52.630	0.120	77089	508.7	

Report Date: 02-Oct-2012 13:09:37 Chrom Revision: 2.1 28-Sep-2012 12:22:52

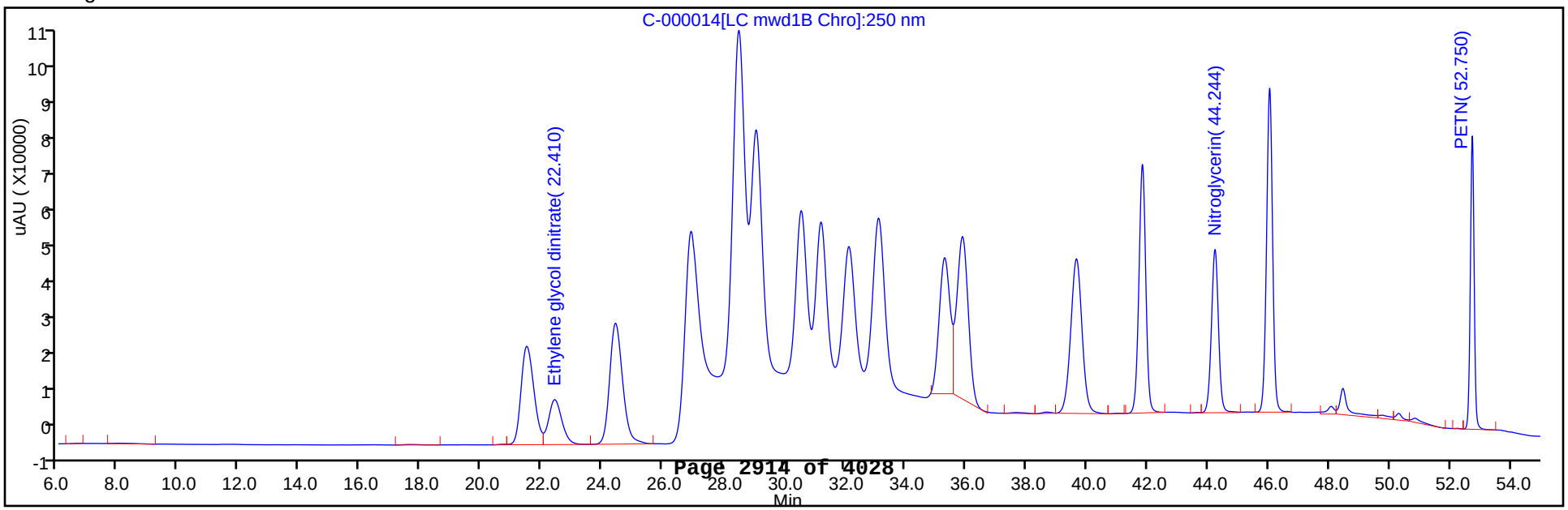
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000014.D		
Injection Date:	01-Oct-2012 23:24:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: LODV 320-4221/13 Calibration Date: 10/02/2012 00:29

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	51.20		5.61	5.00	12.3	
1,3-Dinitrobenzene	Ave	100.4	105.0		5.23	5.00	4.6	
1,3,5-Trinitrobenzene	Ave	78.76	79.20		5.03	5.00	0.6	
2-Nitrotoluene	Ave	60.89	62.60		5.14	5.00	2.8	
4-Nitrotoluene	Ave	60.89	62.60		5.14	5.00	2.8	
3-Nitrotoluene	Ave	40.52	38.60		4.76	5.00	-4.7	
3,5-Dinitroaniline	Ave	79.66	85.60		5.37	5.00	7.5	
RDX	Ave	47.24	52.40		5.55	5.00	10.9	
2,4-Dinitrotoluene	Ave	92.07	100.6		5.46	5.00	9.3	
2,6-Dinitrotoluene	Ave	54.36	60.00		5.52	5.00	10.4	
2-Amino-4,6-dinitrotoluene	Ave	75.88	82.20		5.42	5.00	8.3	
4-Amino-2,6-dinitrotoluene	Ave	63.14	68.20		5.40	5.00	8.0	
2,4,6-Trinitrotoluene	Ave	73.84	58.60		3.97	5.00	-20.6	
HMX	Ave	62.43	66.80		5.35	5.00	7.0	
Nitroglycerin	Ave	86.52	84.55		19.5	20.0	-2.3	
Tetryl	Ave	117.1	101.6		4.34	5.00	-13.2	
PETN	Ave	151.5	135.2		17.8	20.0	-10.8	
3,4-Dinitrotoluene	Ave	48.31	49.00		20.3	20.0	1.4	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: LODV 320-4221/13 Calibration Date: 10/02/2012 00:29

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	21.49	21.17	21.67
1,3-Dinitrobenzene	24.42	24.11	24.61
1,3,5-Trinitrobenzene	26.90	26.63	27.13
2-Nitrotoluene	28.53	28.18	28.68
4-Nitrotoluene	28.53	28.18	28.68
3-Nitrotoluene	29.12	28.74	29.24
3,5-Dinitroaniline	30.58	30.23	30.73
RDX	31.20	30.88	31.38
2,4-Dinitrotoluene	32.17	31.81	32.31
2,6-Dinitrotoluene	33.15	32.78	33.28
2-Amino-4,6-dinitrotoluene	35.30	34.94	35.44
4-Amino-2,6-dinitrotoluene	35.93	35.52	36.02
2,4,6-Trinitrotoluene	39.68	39.31	39.81
HMX	41.83	41.49	41.99
Nitroglycerin	44.24	43.88	44.38
Tetryl	46.05	45.67	46.17
PETN	52.75	52.38	52.88
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	37.71	37.35	37.85

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D
Lims ID: LODV 5-20ng/mL Client ID:
Inject. Date: 02-Oct-2012 00:29:51 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: LODV HP8330ICL_00002;2;320-0000975-013
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 20
Lims Batch ID: 4221 Lims Sample ID: 13

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
Last Update: 02-Oct-2012 13:57:03 Calib Date: 01-Oct-2012 20:08:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 02-Oct-2012 13:57:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.489	21.424	0.065	256	5.61	
24 1,3-Dinitrobenzene						
1	24.419	24.360	0.059	525	5.23	
27 1,3,5-Trinitrobenzene						
1	26.895	26.877	0.018	396	5.03	
16 o-Nitrotoluene						
1	28.532	28.430	0.102	313	5.14	
15 p-Nitrotoluene						
1	28.532	28.430	0.102	313	5.14	
8 m-Nitrotoluene						
1	29.115	28.994	0.121	193	4.76	
9 3,5-Dinitroaniline						
1	30.575	30.480	0.095	428	5.37	
19 RDX						
1	31.195	31.134	0.061	262	5.55	
23 2,4-Dinitrotoluene						
1	32.169	32.060	0.109	503	5.46	
12 2,6-Dinitrotoluene						
1	33.149	33.030	0.119	300	5.52	
6 2-Amino-4,6-dinitrotoluene						
1	35.302	35.194	0.108	411	5.42	
26 4-Amino-2,6-dinitrotoluene						
1	35.932	35.774	0.158	341	5.40	
$ 30 3,4-Dinitrotoluene						
1	37.705	37.604	0.101	980	20.3	
25 2,4,6-Trinitrotoluene						
1	39.679	39.560	0.119	293	3.97	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	41.832	41.740	0.092	334	5.35	
7 Nitroglycerin						
2	44.242	44.130	0.112	1691	19.5	
20 Tetryl						
1	46.052	45.920	0.132	508	4.34	
21 PETN						M
2	52.752	52.630	0.122	2703	17.8	M

QC Flag Legend

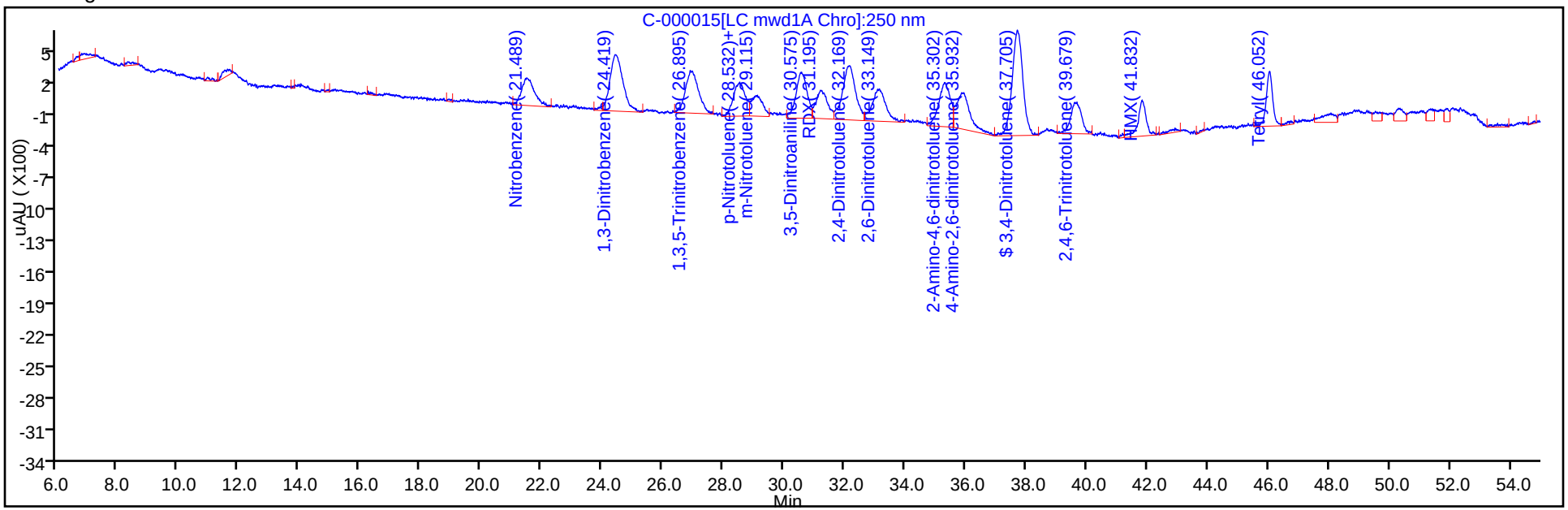
Review Flags
M - Manually Integrated

Report Date: 02-Oct-2012 13:57:03 Chrom Revision: 2.1 28-Sep-2012 12:22:52

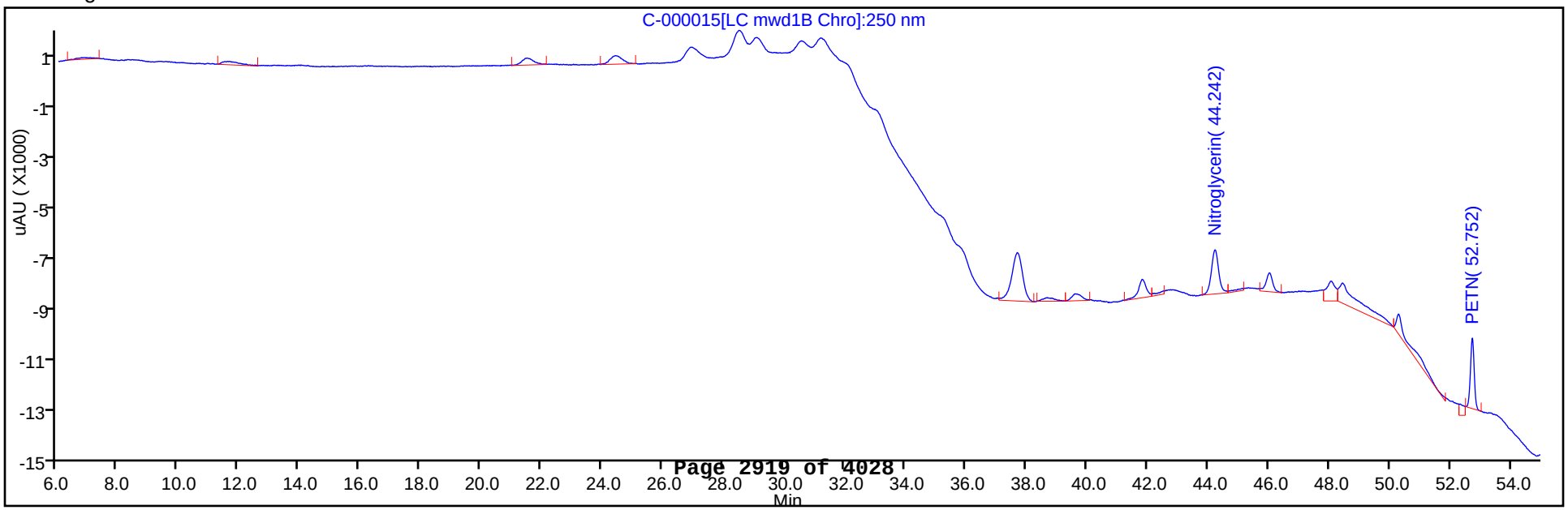
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D		
Injection Date:	02-Oct-2012 00:29:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

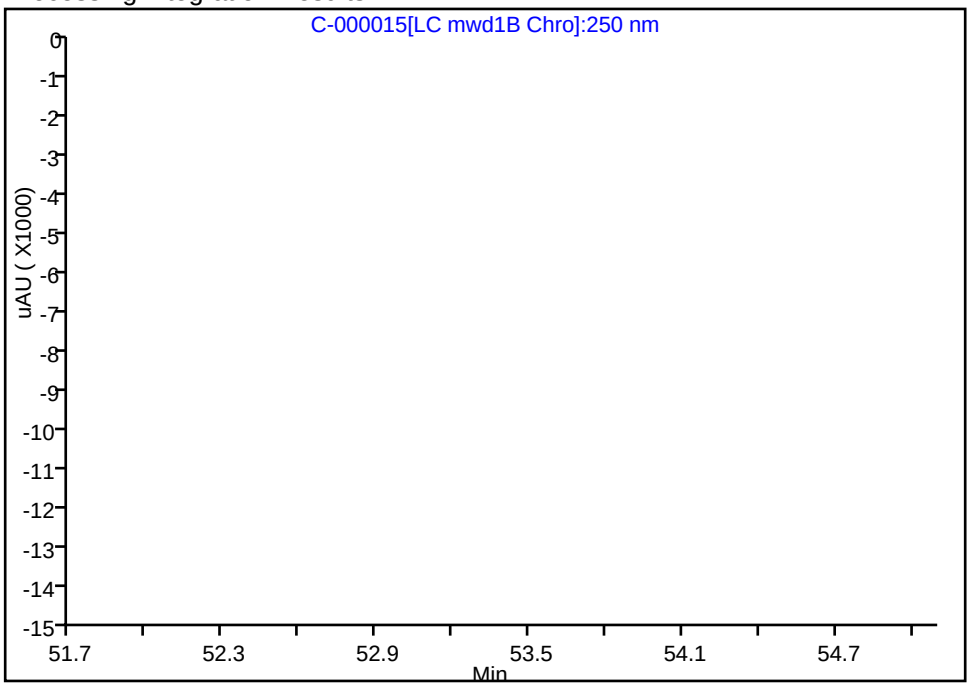
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D		
Injection Date:	02-Oct-2012 00:29:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 52.63, Det: LC mwd1B

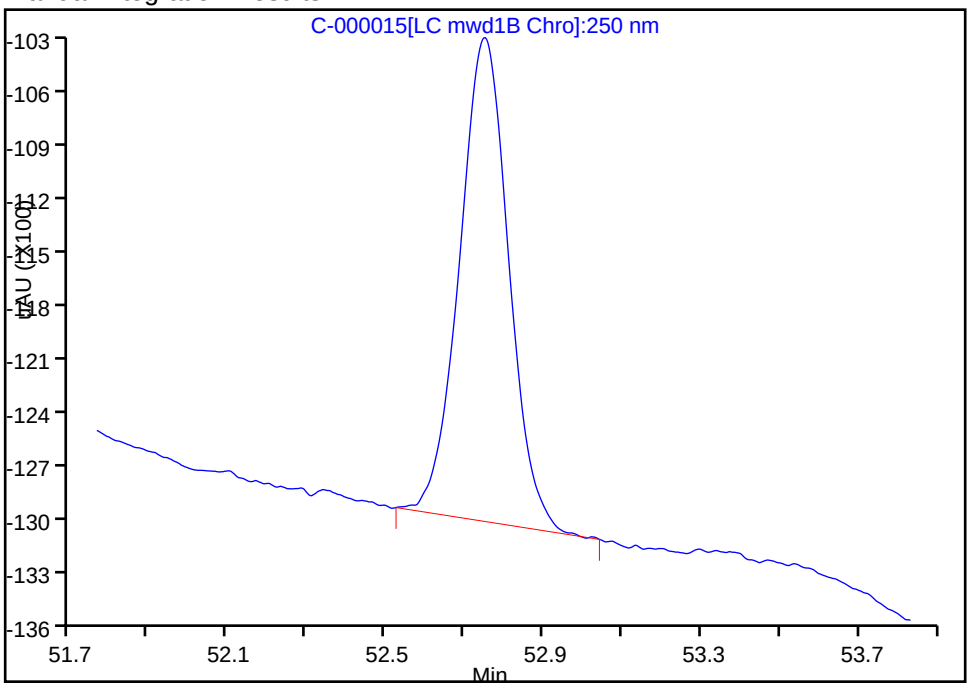
Processing Integration Results

RT: 52.75
Response: 3116
Amount: 20.562748



Manual Integration Results

RT: 52.75
Response: 2703
Amount: 17.837326



Reviewer: noonanr, 02-Oct-2012 09:20:32
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD5 320-6234/3 Calibration Date: 11/21/2012 15:48

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000003.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	47.45		104	100	4.1	20.0
Ethylene glycol dinitrate	Ave	21.09	23.61		112	100	11.9	20.0
1,3-Dinitrobenzene	Ave	100.4	101.9		102	100	1.5	20.0
1,3,5-Trinitrobenzene	Ave	78.76	78.19		99.3	100	-0.7	20.0
2-Nitrotoluene	Ave	60.89	58.47		96.0	100	-4.0	20.0
4-Nitrotoluene	Ave	60.89	58.47		96.0	100	-4.0	20.0
3-Nitrotoluene	Ave	40.52	39.21		96.8	100	-3.2	20.0
3,5-Dinitroaniline	Ave	79.66	78.53		98.6	100	-1.4	20.0
RDX	Ave	47.24	45.87		97.1	100	-2.9	20.0
2,4-Dinitrotoluene	Ave	92.07	94.33		102	100	2.5	20.0
2,6-Dinitrotoluene	Ave	54.36	56.73		104	100	4.4	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.54		98.2	100	-1.8	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	63.01		99.8	100	-0.2	20.0
2,4,6-Trinitrotoluene	Ave	73.84	65.02		88.0	100	-12.0	20.0
HMX	Ave	62.43	55.71		89.2	100	-10.8	20.0
Nitroglycerin	Ave	86.52	77.28		89.3	100	-10.7	20.0
Tetryl	Ave	117.1	108.9		93.1	100	-6.9	20.0
PETN	Ave	151.5	148.6		98.0	100	-2.0	20.0
3,4-Dinitrotoluene	Ave	48.31	41.08		85.0	100	-15.0	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD5 320-6234/3 Calibration Date: 11/21/2012 15:48

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.73	20.48	20.98
Ethylene glycol dinitrate	21.44	21.19	21.69
1,3-Dinitrobenzene	23.45	23.20	23.70
1,3,5-Trinitrobenzene	25.69	25.44	25.94
2-Nitrotoluene	27.51	27.26	27.76
4-Nitrotoluene	27.51	27.26	27.76
3-Nitrotoluene	28.06	27.81	28.31
3,5-Dinitroaniline	29.45	29.20	29.70
RDX	30.13	29.88	30.38
2,4-Dinitrotoluene	31.00	30.75	31.25
2,6-Dinitrotoluene	31.90	31.65	32.15
2-Amino-4,6-dinitrotoluene	34.05	33.80	34.30
4-Amino-2,6-dinitrotoluene	34.59	34.34	34.84
2,4,6-Trinitrotoluene	38.26	38.01	38.51
HMX	41.02	40.77	41.27
Nitroglycerin	43.37	43.12	43.62
Tetryl	45.34	45.09	45.59
PETN	52.31	52.06	52.56
3,4-Dinitrotoluene	36.50	36.25	36.75

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000003.D		
Lims ID:	STD5	Client ID:	
Inject. Date:	21-Nov-2012 15:48:04	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0001492-003		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	2
Lims Batch ID:	6234	Lims Sample ID:	3
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 08:52:14	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 08:52:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.725	20.725	0.0	4745	104.1	
3 Ethylene glycol dinitrate						
2	21.435	21.435	0.0	2361	111.9	
24 1,3-Dinitrobenzene						
1	23.445	23.445	0.0	10190	101.5	
27 1,3,5-Trinitrobenzene						
1	25.688	25.688	0.0	7819	99.3	
16 o-Nitrotoluene						
1	27.511	27.511	0.0	5847	96.0	
15 p-Nitrotoluene						
1	27.511	27.511	0.0	5847	96.0	
8 m-Nitrotoluene						
1	28.058	28.058	0.0	3921	96.8	
9 3,5-Dinitroaniline						
1	29.451	29.451	0.0	7853	98.6	
19 RDX						
1	30.131	30.131	0.0	4587	97.1	
23 2,4-Dinitrotoluene						
1	30.995	30.995	0.0	9433	102.5	
12 2,6-Dinitrotoluene						
1	31.895	31.895	0.0	5673	104.4	
6 2-Amino-4,6-dinitrotoluene						
1	34.048	34.048	0.0	7454	98.2	
26 4-Amino-2,6-dinitrotoluene						
1	34.588	34.588	0.0	6301	99.8	
$ 30 3,4-Dinitrotoluene						
1	36.498	36.498	0.0	4108	85.0	

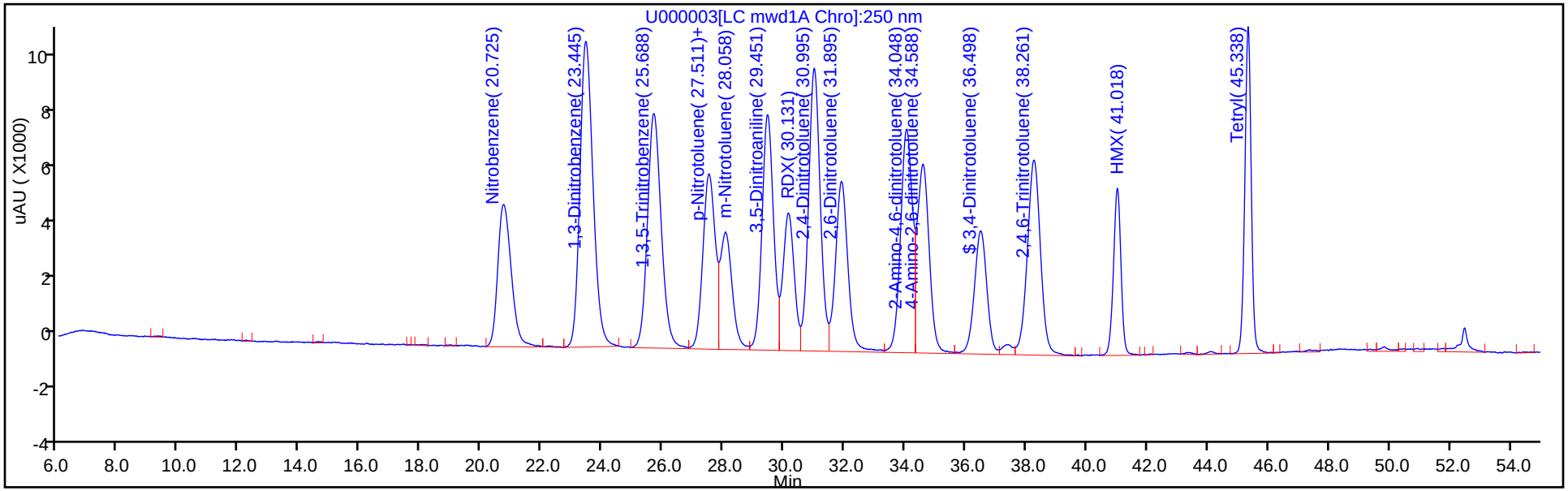
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	38.261	38.261	0.0	6502	88.0	
11 HMX						
1	41.018	41.018	0.0	5571	89.2	
7 Nitroglycerin						
2	43.368	43.368	0.0	7728	89.3	
20 Tetryl						
1	45.338	45.338	0.0	10894	93.1	
21 PETN						
2	52.305	52.305	0.0	14856	98.0	

Report Date: 26-Nov-2012 08:52:14 Chrom Revision: 2.1 14-Nov-2012 09:16:24

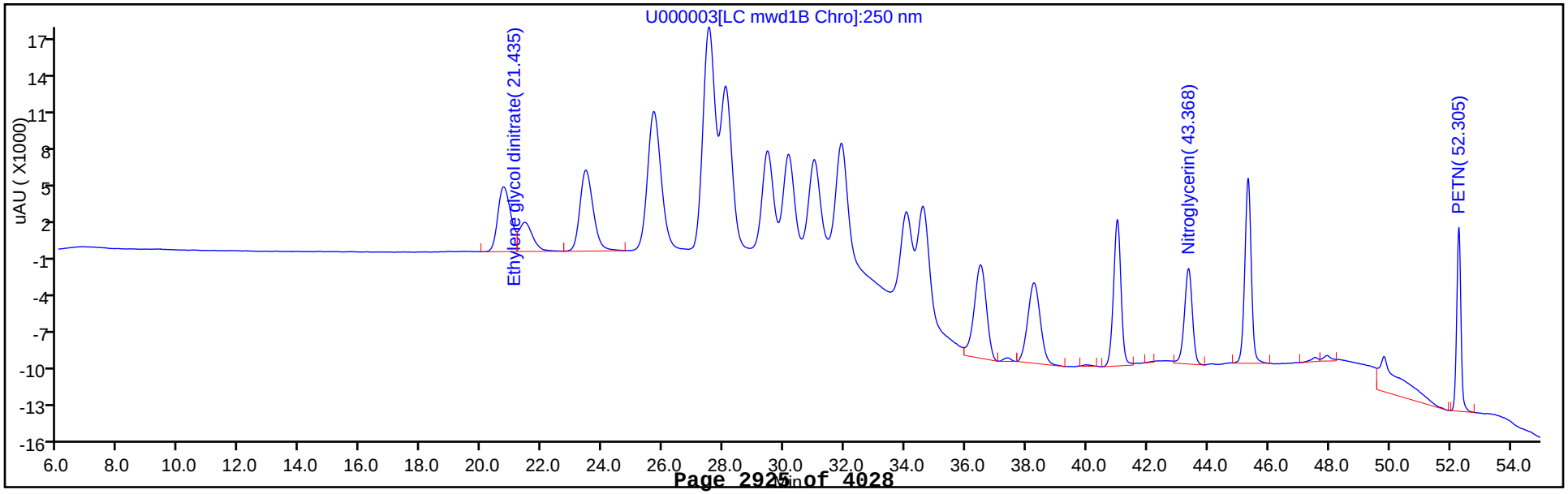
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000003.D		
Injection Date:	21-Nov-2012 15:48:04	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-6234/4 Calibration Date: 11/21/2012 16:53

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000004.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	50.40		5.53	5.00	10.5	30.0
1,3-Dinitrobenzene	Ave	100.4	107.2		5.34	5.00	6.8	30.0
1,3,5-Trinitrobenzene	Ave	78.76	78.80		5.00	5.00	0.0	30.0
2-Nitrotoluene	Ave	60.89	64.20		5.27	5.00	5.4	30.0
4-Nitrotoluene	Ave	60.89	64.20		5.27	5.00	5.4	30.0
3-Nitrotoluene	Ave	40.52	41.00		5.06	5.00	1.2	30.0
3,5-Dinitroaniline	Ave	79.66	79.80		5.01	5.00	0.2	30.0
RDX	Ave	47.24	49.00		5.19	5.00	3.7	30.0
2,4-Dinitrotoluene	Ave	92.07	99.40		5.40	5.00	8.0	30.0
2,6-Dinitrotoluene	Ave	54.36	67.60		6.22	5.00	24.4	30.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	79.60		5.24	5.00	4.9	30.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	70.40		5.57	5.00	11.5	30.0
2,4,6-Trinitrotoluene	Ave	73.84	51.20		3.47	5.00	-30.7*	30.0
HMX	Ave	62.43	52.40		4.20	5.00	-16.1	30.0
Nitroglycerin	Ave	86.52	74.80		17.3	20.0	-13.6	30.0
Tetryl	Ave	117.1	97.00		4.14	5.00	-17.1	30.0
PETN	Ave	151.5	129.3		17.1	20.0	-14.7	30.0
3,4-Dinitrotoluene	Ave	48.31	41.50		17.2	20.0	-14.1	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-6234/4 Calibration Date: 11/21/2012 16:53

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000004.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.68	20.43	20.93
1,3-Dinitrobenzene	23.39	23.14	23.64
1,3,5-Trinitrobenzene	25.66	25.41	25.91
2-Nitrotoluene	27.50	27.25	27.75
4-Nitrotoluene	27.50	27.25	27.75
3-Nitrotoluene	27.99	27.74	28.24
3,5-Dinitroaniline	29.39	29.14	29.64
RDX	30.08	29.83	30.33
2,4-Dinitrotoluene	30.91	30.66	31.16
2,6-Dinitrotoluene	31.81	31.56	32.06
2-Amino-4,6-dinitrotoluene	33.93	33.68	34.18
4-Amino-2,6-dinitrotoluene	34.47	34.22	34.72
2,4,6-Trinitrotoluene	38.14	37.89	38.39
HMX	40.90	40.65	41.15
Nitroglycerin	43.22	42.97	43.47
Tetryl	45.17	44.92	45.42
PETN	52.18	51.93	52.43
3,4-Dinitrotoluene	36.36	36.11	36.61

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D
Lims ID: CCVL Client ID:
Inject. Date: 21-Nov-2012 16:53:36 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001492-004
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 6234 Lims Sample ID: 4
Sublist: chrom-LC12_Conf_8330*sub4

Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
Last Update: 26-Nov-2012 08:51:00 Calib Date: 19-Nov-2012 14:12:43
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK020

First Level Reviewer: noonanr Date: 26-Nov-2012 08:51:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.675	20.675	0.0	252	5.53	
24 1,3-Dinitrobenzene						M
1	23.388	23.388	0.0	536	5.34	M
27 1,3,5-Trinitrobenzene						
1	25.655	25.655	0.0	394	5.00	
16 o-Nitrotoluene						
1	27.498	27.498	0.0	321	5.27	
15 p-Nitrotoluene						
1	27.498	27.498	0.0	321	5.27	
8 m-Nitrotoluene						
1	27.985	27.985	0.0	205	5.06	
9 3,5-Dinitroaniline						
1	29.391	29.391	0.0	399	5.01	
19 RDX						
1	30.075	30.075	0.0	245	5.19	
23 2,4-Dinitrotoluene						
1	30.908	30.908	0.0	497	5.40	
12 2,6-Dinitrotoluene						
1	31.811	31.811	0.0	338	6.22	
6 2-Amino-4,6-dinitrotoluene						
1	33.931	33.931	0.0	398	5.24	
26 4-Amino-2,6-dinitrotoluene						
1	34.471	34.471	0.0	352	5.57	
$ 30 3,4-Dinitrotoluene						
1	36.361	36.361	0.0	830	17.2	
25 2,4,6-Trinitrotoluene						
1	38.141	38.141	0.0	256	3.47	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	40.895	40.895	0.0	262	4.20	
7 Nitroglycerin						
2	43.221	43.221	0.0	1496	17.3	
20 Tetryl						
1	45.171	45.171	0.0	485	4.14	
21 PETN						
2	52.175	52.175	0.0	2586	17.1	

QC Flag Legend

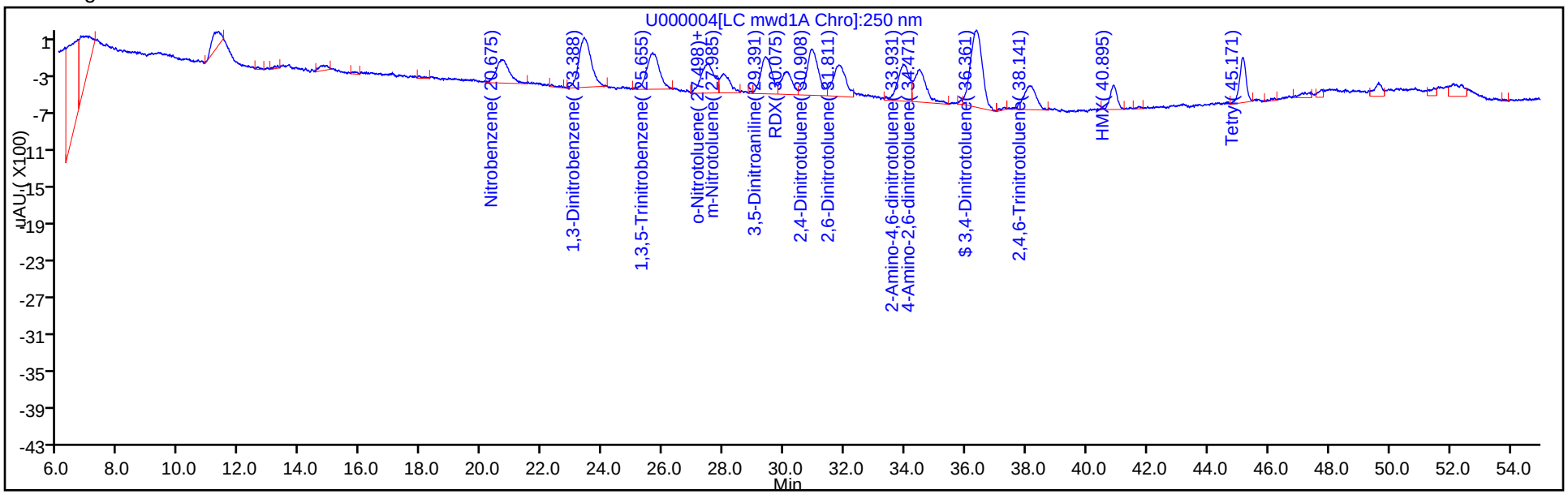
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 08:51:01 Chrom Revision: 2.1 14-Nov-2012 09:16:24

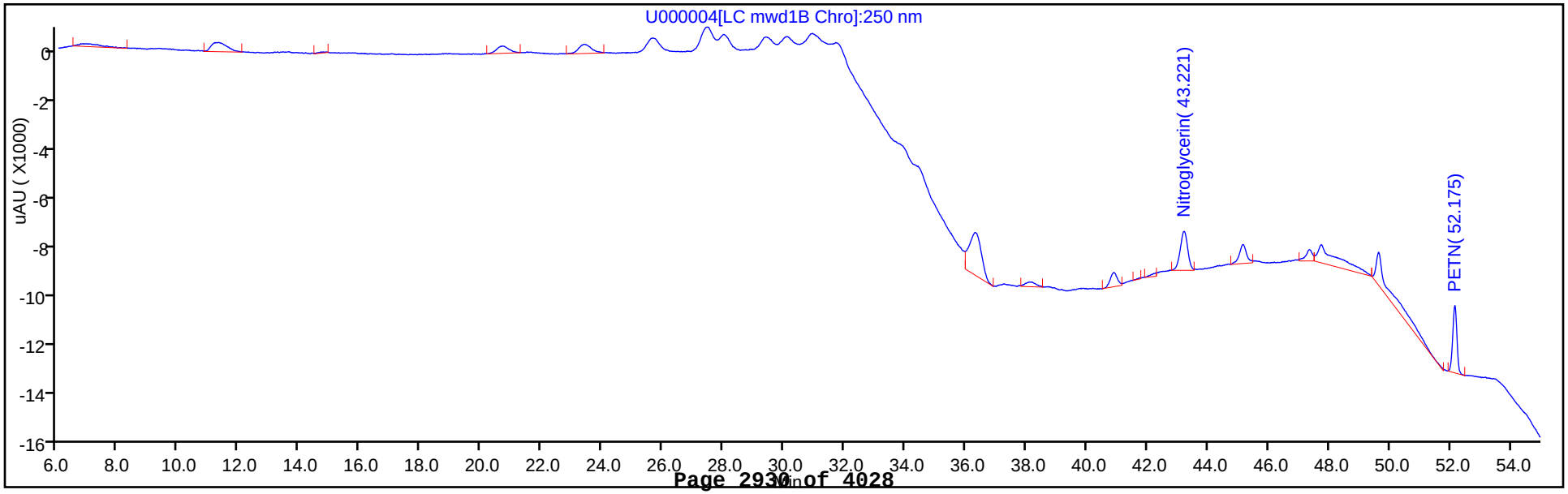
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D		
Injection Date:	21-Nov-2012 16:53:36	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

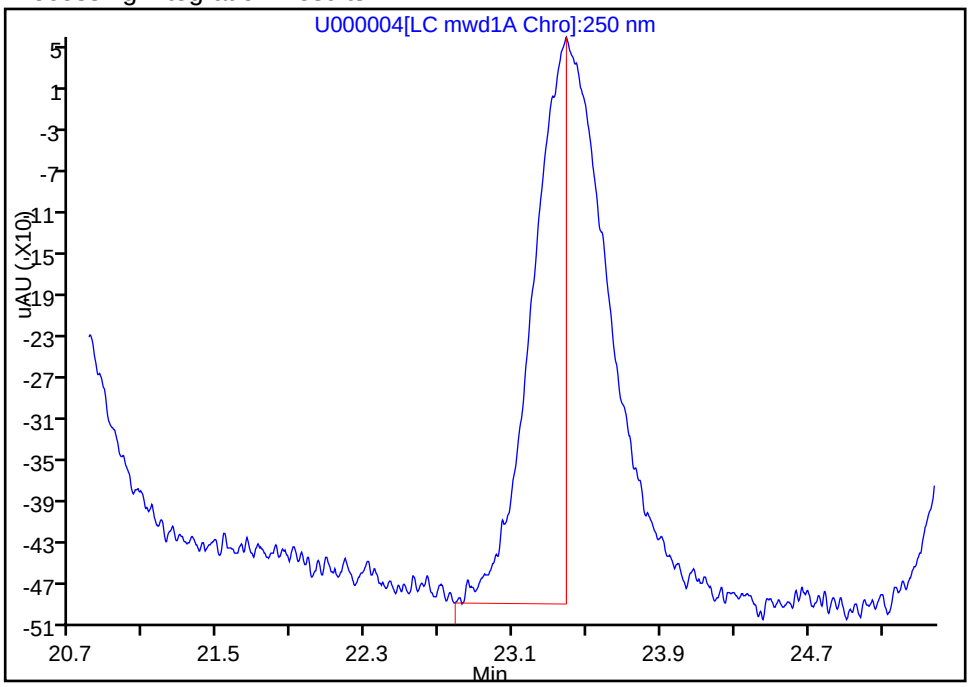
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D		
Injection Date:	21-Nov-2012 16:53:36	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

24 1,3-Dinitrobenzene, Signal: 1, Type: quant, RT: 23.39, Det: LC mwd1A

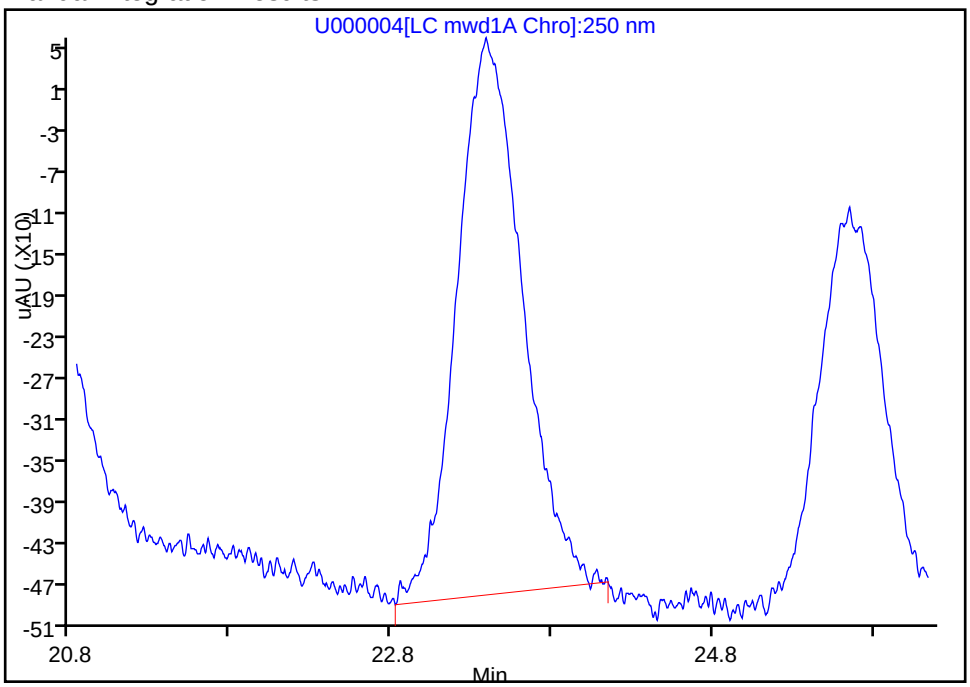
Processing Integration Results

RT: 23.39
Response: 546
Amount: 5.439060



Manual Integration Results

RT: 23.39
Response: 536
Amount: 5.339443



Reviewer: noonanr, 26-Nov-2012 08:51:00
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD6 320-6234/14 Calibration Date: 11/22/2012 03:49

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000014.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	45.28		199	200	-0.7	20.0
Ethylene glycol dinitrate	Ave	21.09	22.30		211	200	5.7	20.0
1,3-Dinitrobenzene	Ave	100.4	99.24		198	200	-1.1	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.58		197	200	-1.5	20.0
2-Nitrotoluene	Ave	60.89	57.14		188	200	-6.2	20.0
4-Nitrotoluene	Ave	60.89	57.14		188	200	-6.2	20.0
3-Nitrotoluene	Ave	40.52	38.25		189	200	-5.6	20.0
3,5-Dinitroaniline	Ave	79.66	77.70		195	200	-2.5	20.0
RDX	Ave	47.24	45.13		191	200	-4.5	20.0
2,4-Dinitrotoluene	Ave	92.07	93.77		204	200	1.8	20.0
2,6-Dinitrotoluene	Ave	54.36	56.08		206	200	3.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.91		197	200	-1.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	63.95		203	200	1.3	20.0
2,4,6-Trinitrotoluene	Ave	73.84	64.96		176	200	-12.0	20.0
HMX	Ave	62.43	55.60		178	200	-10.9	20.0
Nitroglycerin	Ave	86.52	79.12		183	200	-8.6	20.0
Tetryl	Ave	117.1	110.4		189	200	-5.7	20.0
PETN	Ave	151.5	146.5		193	200	-3.3	20.0
3,4-Dinitrotoluene	Ave	48.31	40.53		168	200	-16.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD6 320-6234/14 Calibration Date: 11/22/2012 03:49

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000014.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.71	20.46	20.96
Ethylene glycol dinitrate	21.42	21.17	21.67
1,3-Dinitrobenzene	23.47	23.22	23.72
1,3,5-Trinitrobenzene	25.72	25.47	25.97
2-Nitrotoluene	27.55	27.30	27.80
4-Nitrotoluene	27.55	27.30	27.80
3-Nitrotoluene	28.09	27.84	28.34
3,5-Dinitroaniline	29.47	29.22	29.72
RDX	30.15	29.90	30.40
2,4-Dinitrotoluene	31.01	30.76	31.26
2,6-Dinitrotoluene	31.91	31.66	32.16
2-Amino-4,6-dinitrotoluene	34.02	33.77	34.27
4-Amino-2,6-dinitrotoluene	34.55	34.30	34.80
2,4,6-Trinitrotoluene	38.20	37.95	38.45
HMX	40.91	40.66	41.16
Nitroglycerin	43.25	43.00	43.50
Tetryl	45.20	44.95	45.45
PETN	52.18	51.93	52.43
3,4-Dinitrotoluene	36.43	36.18	36.68

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000014.D		
Lims ID:	STD6	Client ID:	
Inject. Date:	22-Nov-2012 03:49:08	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0001492-014		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	3
Lims Batch ID:	6234	Lims Sample ID:	14
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 08:53:57	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 08:53:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.713	20.713	0.0	9056	198.6	
3 Ethylene glycol dinitrate						
2	21.417	21.417	0.0	4459	211.4	
24 1,3-Dinitrobenzene						
1	23.467	23.467	0.0	19848	197.7	
27 1,3,5-Trinitrobenzene						
1	25.723	25.723	0.0	15515	197.0	
16 o-Nitrotoluene						
1	27.550	27.550	0.0	11428	187.7	
15 p-Nitrotoluene						
1	27.550	27.550	0.0	11428	187.7	
8 m-Nitrotoluene						
1	28.093	28.093	0.0	7649	188.8	
9 3,5-Dinitroaniline						
1	29.470	29.470	0.0	15540	195.1	
19 RDX						
1	30.153	30.153	0.0	9026	191.1	
23 2,4-Dinitrotoluene						
1	31.010	31.010	0.0	18753	203.7	
12 2,6-Dinitrotoluene						
1	31.910	31.910	0.0	11216	206.3	
6 2-Amino-4,6-dinitrotoluene						
1	34.020	34.020	0.0	14982	197.4	
26 4-Amino-2,6-dinitrotoluene						
1	34.550	34.550	0.0	12790	202.6	
$ 30 3,4-Dinitrotoluene						
1	36.427	36.427	0.0	8106	167.8	

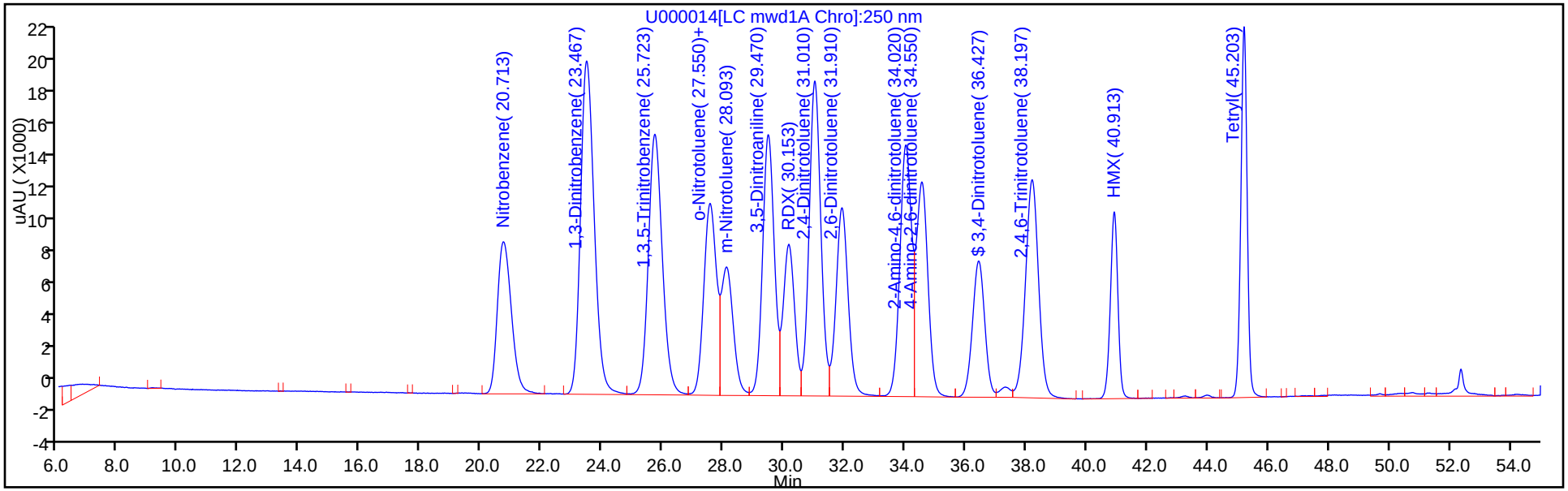
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	38.197	38.197	0.0	12991	175.9	
11 HMX						
1	40.913	40.913	0.0	11119	178.1	
7 Nitroglycerin						
2	43.253	43.253	0.0	15823	182.9	
20 Tetryl						
1	45.203	45.203	0.0	22072	188.5	
21 PETN						
2	52.180	52.180	0.0	29302	193.4	

Report Date: 26-Nov-2012 08:53:57 Chrom Revision: 2.1 14-Nov-2012 09:16:24

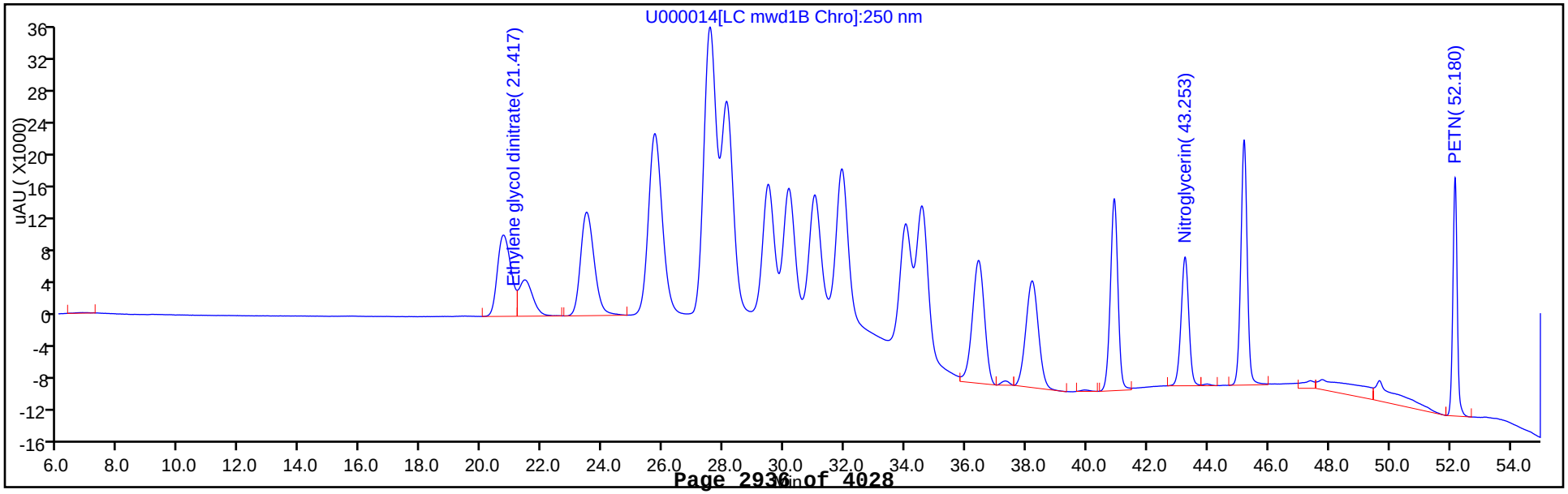
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000014.D		
Injection Date:	22-Nov-2012 03:49:08	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	14
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCVL 320-6234/21 Calibration Date: 11/22/2012 11:27

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000021.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	50.60		5.55	5.00	11.0	30.0
1,3-Dinitrobenzene	Ave	100.4	106.8		5.32	5.00	6.4	30.0
1,3,5-Trinitrobenzene	Ave	78.76	80.60		5.12	5.00	2.3	30.0
2-Nitrotoluene	Ave	60.89	64.60		5.30	5.00	6.1	30.0
4-Nitrotoluene	Ave	60.89	64.60		5.30	5.00	6.1	30.0
3-Nitrotoluene	Ave	40.52	39.80		4.91	5.00	-1.8	30.0
3,5-Dinitroaniline	Ave	79.66	81.60		5.12	5.00	2.4	30.0
RDX	Ave	47.24	52.40		5.55	5.00	10.9	30.0
2,4-Dinitrotoluene	Ave	92.07	102.2		5.55	5.00	11.0	30.0
2,6-Dinitrotoluene	Ave	54.36	74.80		6.88	5.00	37.6*	30.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	80.40		5.30	5.00	6.0	30.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	68.40		5.42	5.00	8.3	30.0
2,4,6-Trinitrotoluene	Ave	73.84	51.40		3.48	5.00	-30.4*	30.0
HMX	Ave	62.43	53.40		4.28	5.00	-14.5	30.0
Nitroglycerin	Ave	86.52	75.35		17.4	20.0	-12.9	30.0
Tetryl	Ave	117.1	97.80		4.18	5.00	-16.5	30.0
PETN	Ave	151.5	128.4		16.9	20.0	-15.3	30.0
3,4-Dinitrotoluene	Ave	48.31	42.80		17.7	20.0	-11.4	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCVL 320-6234/21 Calibration Date: 11/22/2012 11:27

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000021.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.64	20.39	20.89
1,3-Dinitrobenzene	23.33	23.08	23.58
1,3,5-Trinitrobenzene	25.61	25.36	25.86
2-Nitrotoluene	27.36	27.11	27.61
4-Nitrotoluene	27.36	27.11	27.61
3-Nitrotoluene	27.89	27.64	28.14
3,5-Dinitroaniline	29.27	29.02	29.52
RDX	29.94	29.69	30.19
2,4-Dinitrotoluene	30.84	30.59	31.09
2,6-Dinitrotoluene	31.66	31.41	31.91
2-Amino-4,6-dinitrotoluene	33.76	33.51	34.01
4-Amino-2,6-dinitrotoluene	34.32	34.07	34.57
2,4,6-Trinitrotoluene	37.98	37.73	38.23
HMX	40.73	40.48	40.98
Nitroglycerin	43.11	42.86	43.36
Tetryl	45.09	44.84	45.34
PETN	52.16	51.91	52.41
3,4-Dinitrotoluene	36.21	35.96	36.46

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000021.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	22-Nov-2012 11:27:49	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001492-021		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	6234	Lims Sample ID:	21
Sublist:	chrom-LC12_Conf_8330*sub4		
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 09:45:04	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 09:45:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.639	20.639	0.0	253	5.55	
24 1,3-Dinitrobenzene						
1	23.333	23.333	0.0	534	5.32	
27 1,3,5-Trinitrobenzene						
1	25.609	25.609	0.0	403	5.12	
16 o-Nitrotoluene						
1	27.356	27.356	0.0	323	5.30	
15 p-Nitrotoluene						
1	27.356	27.356	0.0	323	5.30	
8 m-Nitrotoluene						
1	27.893	27.893	0.0	199	4.91	
9 3,5-Dinitroaniline						
1	29.266	29.266	0.0	408	5.12	
19 RDX						
1	29.939	29.939	0.0	262	5.55	
23 2,4-Dinitrotoluene						
1	30.843	30.843	0.0	511	5.55	
12 2,6-Dinitrotoluene						M
1	31.663	31.663	0.0	374	6.88	M
6 2-Amino-4,6-dinitrotoluene						
1	33.759	33.759	0.0	402	5.30	
26 4-Amino-2,6-dinitrotoluene						
1	34.319	34.319	0.0	342	5.42	
$ 30 3,4-Dinitrotoluene						
1	36.206	36.206	0.0	856	17.7	
25 2,4,6-Trinitrotoluene						
1	37.976	37.976	0.0	257	3.48	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	40.729	40.729	0.0	267	4.28	
7 Nitroglycerin						
2	43.112	43.112	0.0	1507	17.4	
20 Tetryl						
1	45.089	45.089	0.0	489	4.18	
21 PETN						
2	52.156	52.156	0.0	2567	16.9	

QC Flag Legend

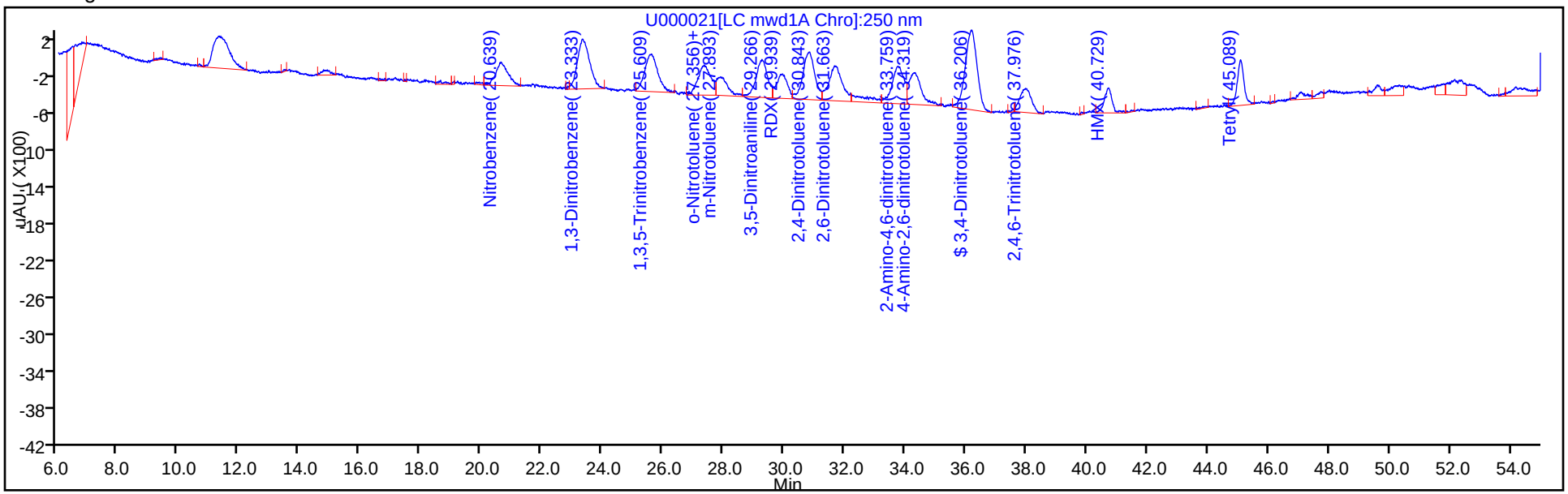
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 09:45:05 Chrom Revision: 2.1 14-Nov-2012 09:16:24

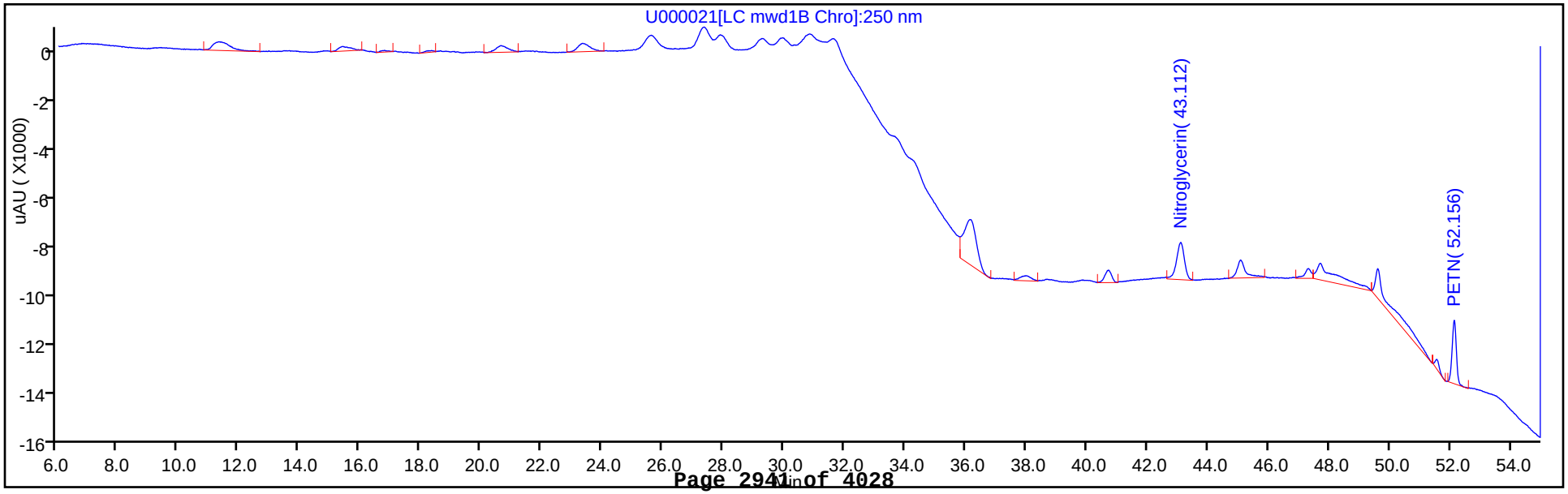
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000021.D		
Injection Date:	22-Nov-2012 11:27:49	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	21
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

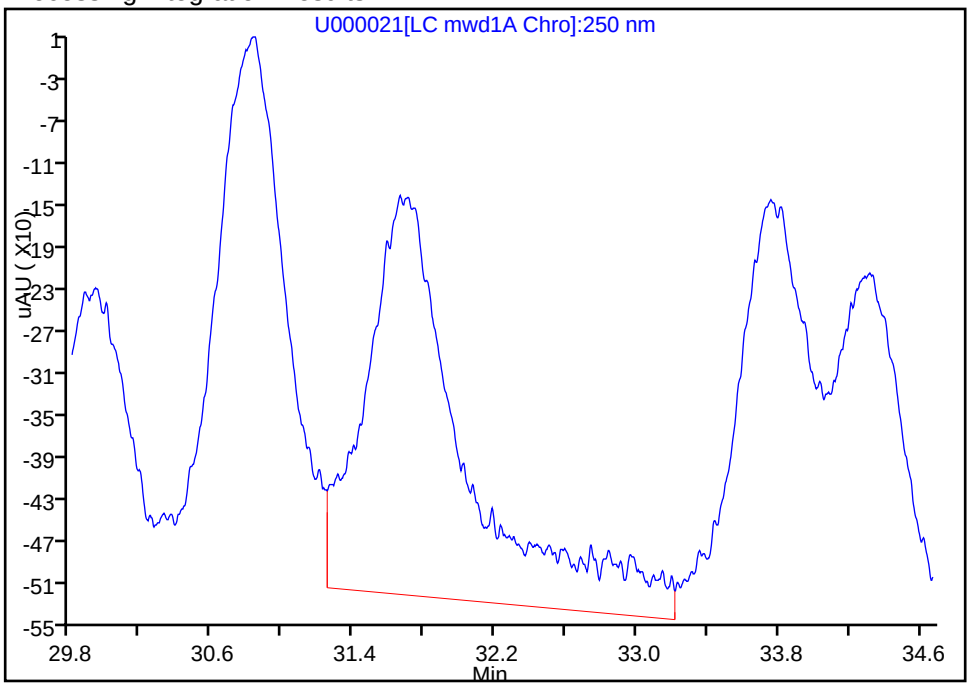
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000021.D		
Injection Date:	22-Nov-2012 11:27:49	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	21
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

12 2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 31.66, Det: LC mwd1A

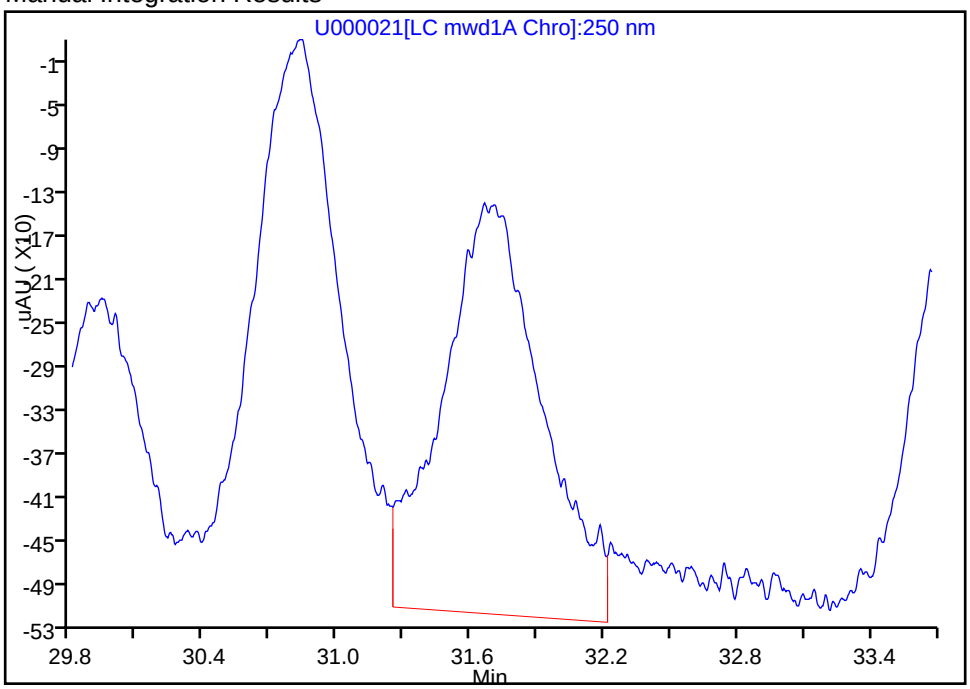
Processing Integration Results

RT: 31.66
Response: 375
Amount: 6.898709



Manual Integration Results

RT: 31.66
Response: 374
Amount: 6.880312



Reviewer: noonanr, 26-Nov-2012 09:45:04
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: STD6 320-6234/22 Calibration Date: 11/22/2012 12:33

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000022.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	44.37		195	200	-2.7	20.0
Ethylene glycol dinitrate	Ave	21.09	22.48		213	200	6.6	20.0
1,3-Dinitrobenzene	Ave	100.4	98.84		197	200	-1.5	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.08		196	200	-2.1	20.0
2-Nitrotoluene	Ave	60.89	55.78		183	200	-8.4	20.0
4-Nitrotoluene	Ave	60.89	55.78		183	200	-8.4	20.0
3-Nitrotoluene	Ave	40.52	37.39		185	200	-7.7	20.0
3,5-Dinitroaniline	Ave	79.66	77.90		196	200	-2.2	20.0
RDX	Ave	47.24	45.40		192	200	-3.9	20.0
2,4-Dinitrotoluene	Ave	92.07	94.03		204	200	2.1	20.0
2,6-Dinitrotoluene	Ave	54.36	56.28		207	200	3.5	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	76.77		202	200	1.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	65.12		206	200	3.1	20.0
2,4,6-Trinitrotoluene	Ave	73.84	64.70		175	200	-12.4	20.0
HMX	Ave	62.43	54.80		176	200	-12.2	20.0
Nitroglycerin	Ave	86.52	77.88		180	200	-10.0	20.0
Tetryl	Ave	117.1	109.1		186	200	-6.8	20.0
PETN	Ave	151.5	145.4		192	200	-4.1	20.0
3,4-Dinitrotoluene	Ave	48.31	40.92		169	200	-15.3	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: STD6 320-6234/22 Calibration Date: 11/22/2012 12:33

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: U000022.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.72	20.47	20.97
Ethylene glycol dinitrate	21.40	21.15	21.65
1,3-Dinitrobenzene	23.46	23.21	23.71
1,3,5-Trinitrobenzene	25.70	25.45	25.95
2-Nitrotoluene	27.57	27.32	27.82
4-Nitrotoluene	27.57	27.32	27.82
3-Nitrotoluene	28.11	27.86	28.36
3,5-Dinitroaniline	29.48	29.23	29.73
RDX	30.16	29.91	30.41
2,4-Dinitrotoluene	31.00	30.75	31.25
2,6-Dinitrotoluene	31.89	31.64	32.14
2-Amino-4,6-dinitrotoluene	33.97	33.72	34.22
4-Amino-2,6-dinitrotoluene	34.49	34.24	34.74
2,4,6-Trinitrotoluene	38.08	37.83	38.33
HMX	40.80	40.55	41.05
Nitroglycerin	43.16	42.91	43.41
Tetryl	45.13	44.88	45.38
PETN	52.15	51.90	52.40
3,4-Dinitrotoluene	36.34	36.09	36.59

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000022.D		
Lims ID:	STD6	Client ID:	
Inject. Date:	22-Nov-2012 12:33:22	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0001492-022		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	3
Lims Batch ID:	6234	Lims Sample ID:	22
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 09:49:01	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 09:49:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.715	20.715	0.0	8874	194.6	
3 Ethylene glycol dinitrate						
2	21.398	21.398	0.0	4495	213.1	
24 1,3-Dinitrobenzene						
1	23.458	23.458	0.0	19767	196.9	
27 1,3,5-Trinitrobenzene						
1	25.698	25.698	0.0	15416	195.7	
16 o-Nitrotoluene						
1	27.565	27.565	0.0	11155	183.2	
15 p-Nitrotoluene						
1	27.565	27.565	0.0	11155	183.2	
8 m-Nitrotoluene						
1	28.108	28.108	0.0	7477	184.5	
9 3,5-Dinitroaniline						
1	29.478	29.478	0.0	15579	195.6	
19 RDX						
1	30.158	30.158	0.0	9080	192.2	
23 2,4-Dinitrotoluene						
1	31.001	31.001	0.0	18805	204.2	
12 2,6-Dinitrotoluene						
1	31.888	31.888	0.0	11255	207.1	
6 2-Amino-4,6-dinitrotoluene						
1	33.968	33.968	0.0	15353	202.3	
26 4-Amino-2,6-dinitrotoluene						
1	34.485	34.485	0.0	13024	206.3	
$ 30 3,4-Dinitrotoluene						
1	36.341	36.341	0.0	8184	169.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	38.075	38.075	0.0	12939	175.2	
11 HMX						
1	40.801	40.801	0.0	10959	175.5	
7 Nitroglycerin						
2	43.158	43.158	0.0	15576	180.0	
20 Tetryl						
1	45.128	45.128	0.0	21816	186.4	
21 PETN						
2	52.148	52.148	0.0	29075	191.9	

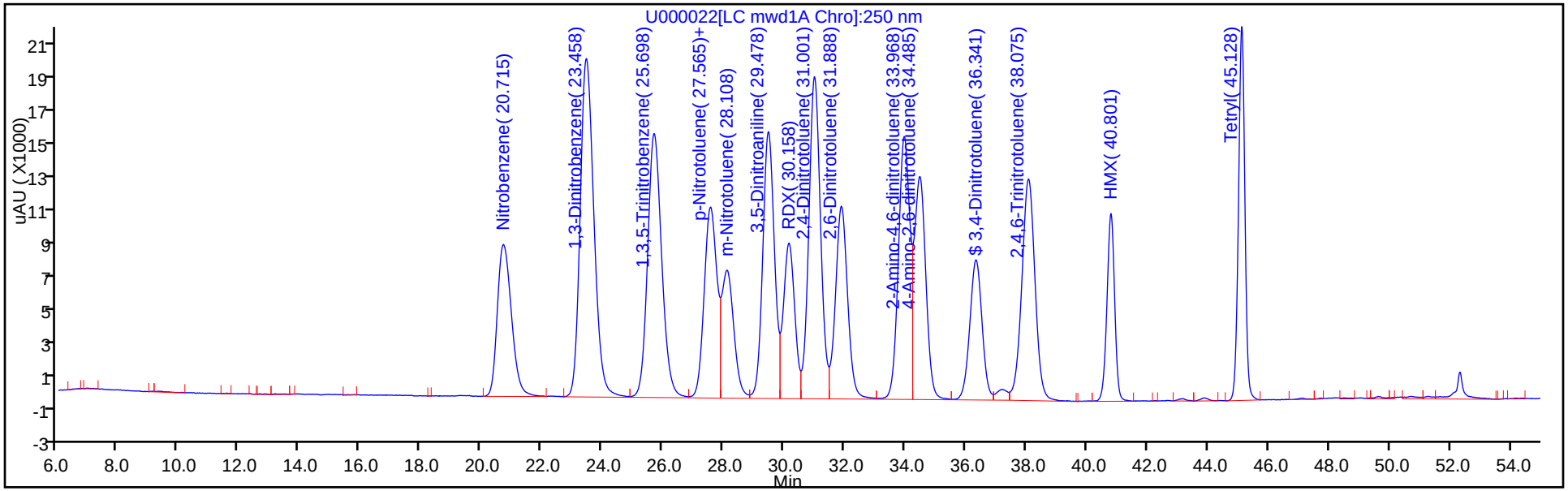
Report Date: 26-Nov-2012 09:49:02 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

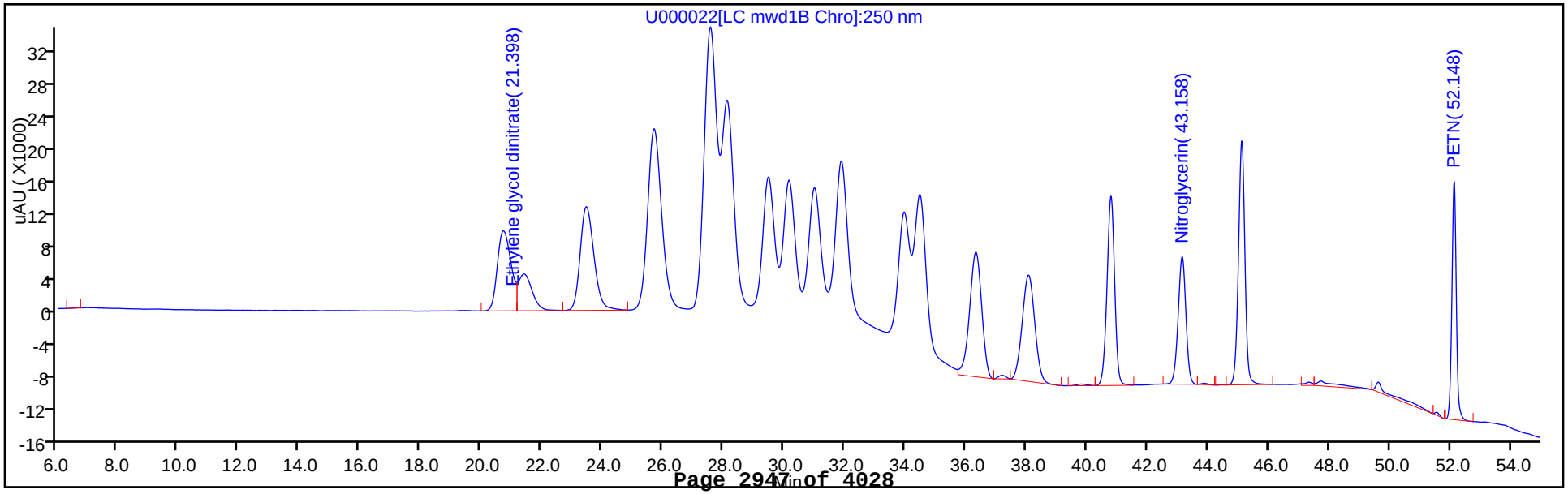
Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000022.D

Injection Date:	22-Nov-2012 12:33:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	22
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-6026/1-A

Matrix: Solid Lab File ID: T-000014.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 11/16/2012 10:46

Sample wt/vol: 10.00(g) Date Analyzed: 11/20/2012 22:21

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000014.D		
Lims ID:	MB 320-6026/1-A	Client ID:	
Inject. Date:	20-Nov-2012 22:21:59	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001479-014		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	21
Lims Batch ID:	6177	Lims Sample ID:	14
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	21-Nov-2012 12:06:00	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK006		

First Level Reviewer: noonanr Date: 21-Nov-2012 12:06:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.719	16.726	-0.007	3475	61.7	
2	16.716	16.693	0.023	6538	63.3	

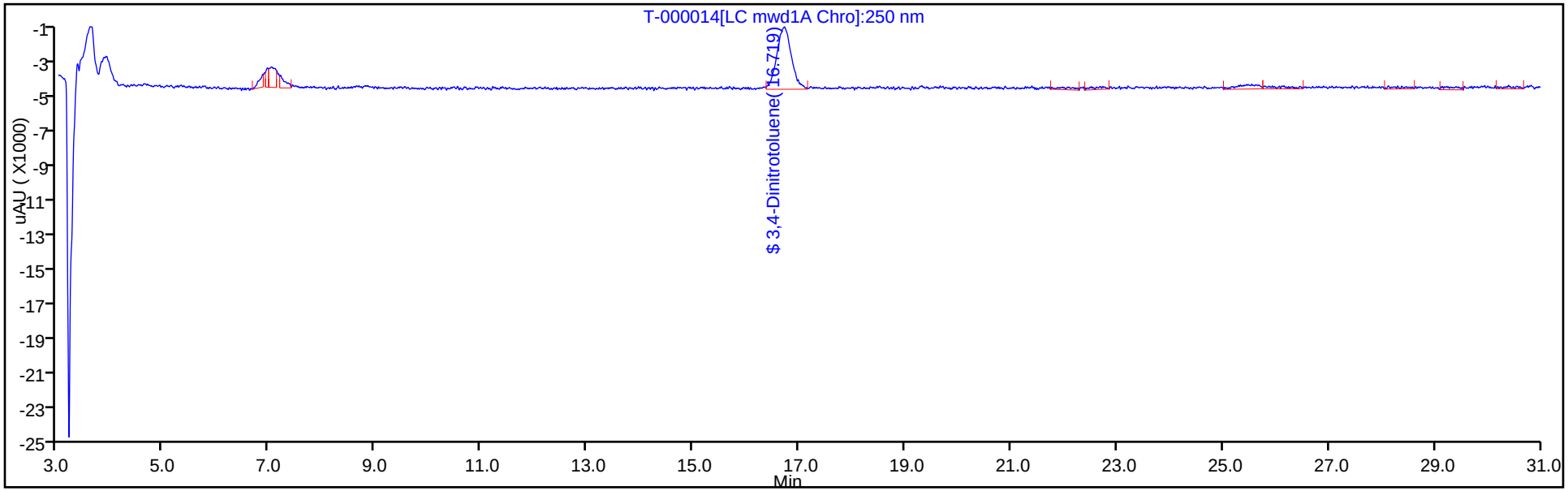
Report Date: 21-Nov-2012 12:06:01 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

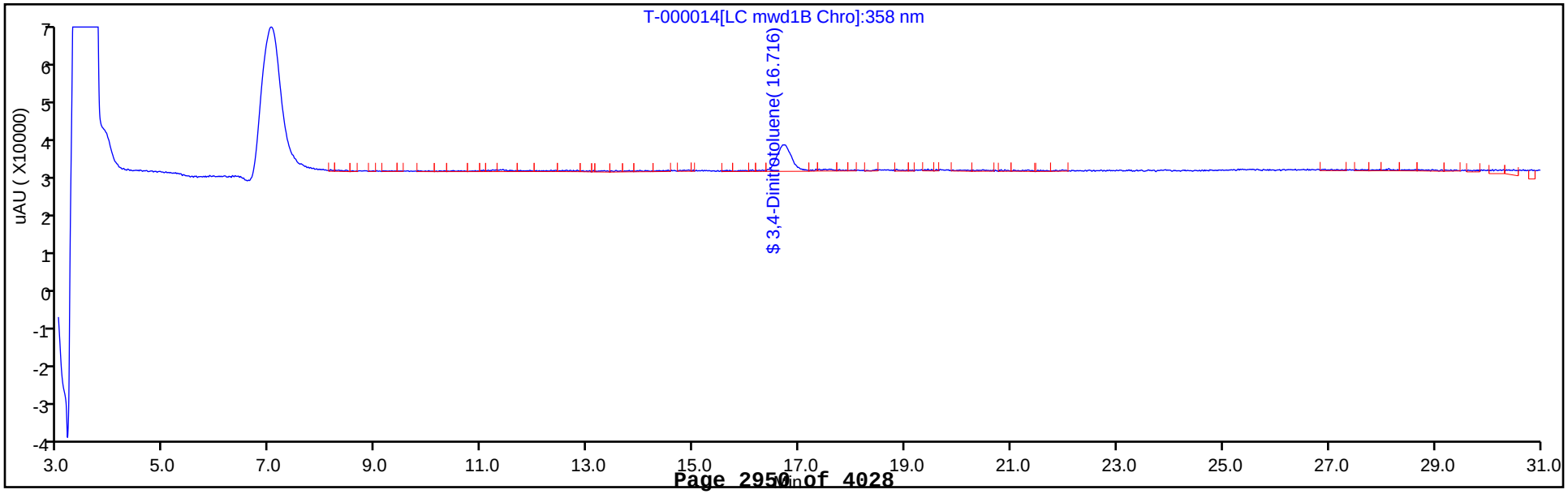
Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000014.D

Injection Date:	20-Nov-2012 22:21:59	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	14
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-6026/1-A

Matrix: Solid Lab File ID: U000005.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 11/16/2012 10:46

Sample wt/vol: 10.00(g) Date Analyzed: 11/21/2012 17:59

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6234 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.0189	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	75	Q	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121121-1492.b\U000005.D		
Lims ID:	MB 320-6026/1-A	Client ID:	
Inject. Date:	21-Nov-2012 17:59:09	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001492-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	6234	Lims Sample ID:	5
Method:	\\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m		
Last Update:	26-Nov-2012 10:03:00	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK020		

First Level Reviewer: noonanr Date: 26-Nov-2012 10:04:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.117	0.117	0.0	72	0	
1	0.117	0.117	0.0	64	0	
$ 30 3,4-Dinitrotoluene						
1	36.317	36.534	-0.217	2267	46.9	
20 Tetryl						
1	45.250	45.264	-0.014	277	2.37	

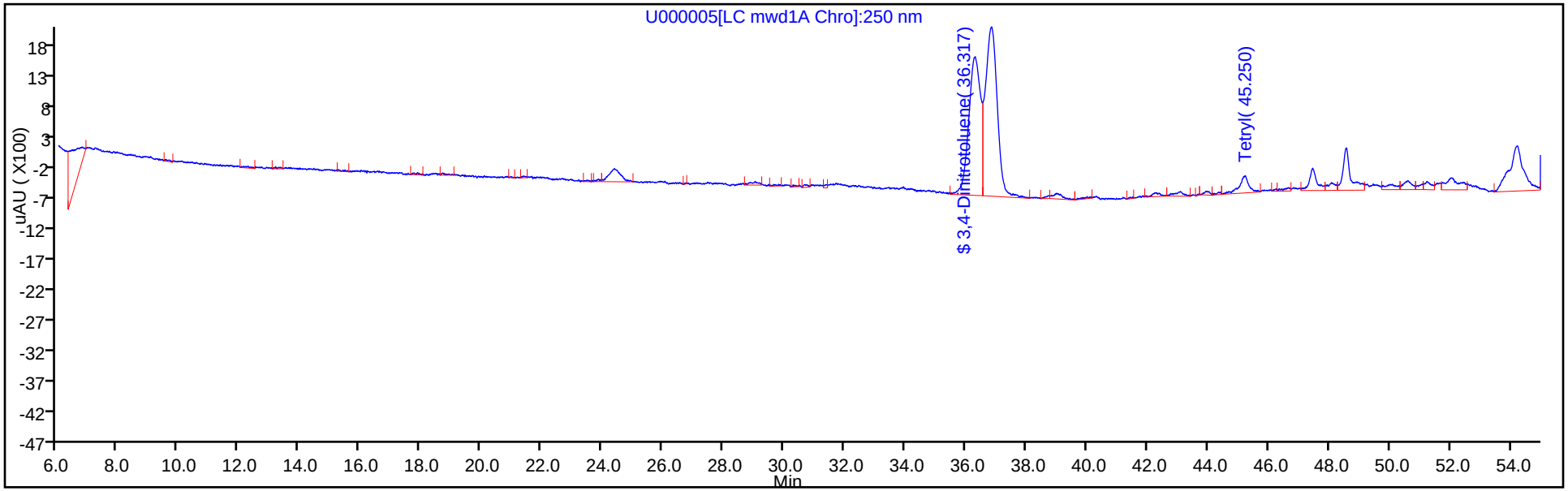
Report Date: 26-Nov-2012 10:04:11 Chrom Revision: 2.1 14-Nov-2012 09:16:24

TestAmerica West Sacramento

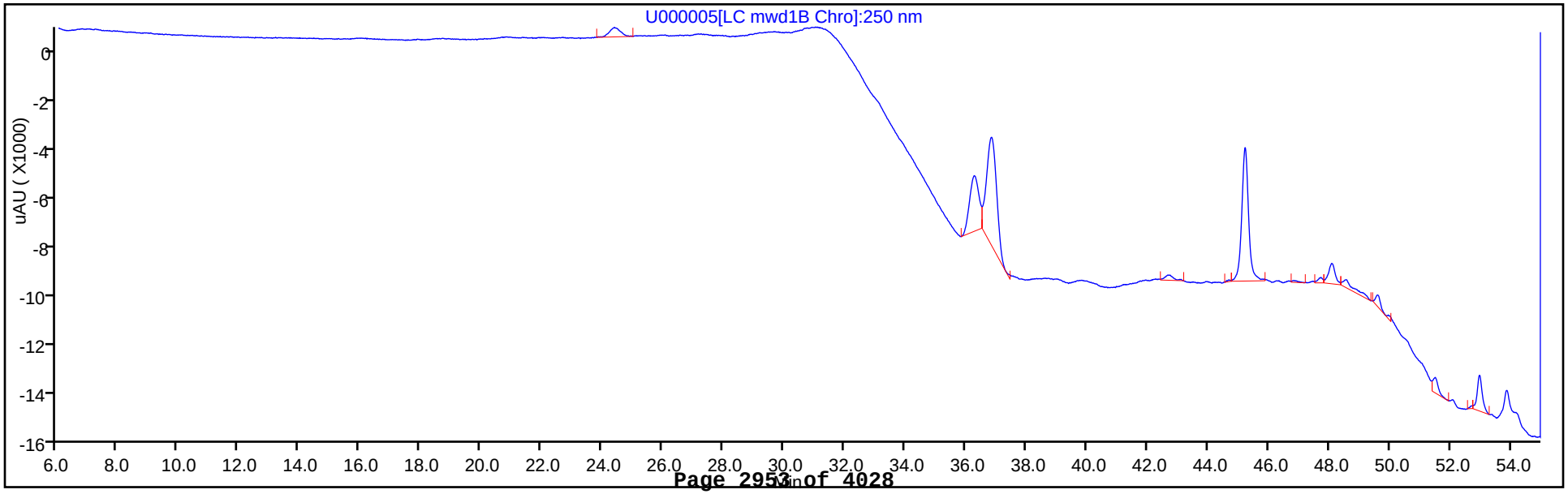
Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000005.D

Injection Date:	21-Nov-2012 17:59:09	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	6234	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-6026/2-A

Matrix: Solid Lab File ID: T-000015.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 11/16/2012 10:46

Sample wt/vol: 10.00(g) Date Analyzed: 11/20/2012 23:02

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.494		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.519		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.508		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.503		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.483		0.25	0.050	0.0073
2691-41-0	HMX	0.512		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.497		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.973		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.472		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.493		0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.481		0.25	0.050	0.018
78-11-5	PETN	0.995		0.50	0.25	0.025
121-82-4	RDX	0.503		0.25	0.050	0.012
479-45-8	Tetryl	0.425		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.505		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.421		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000015.D
Lims ID: LCS 320-6026/2-A Client ID:
Inject. Date: 20-Nov-2012 23:02:20 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 320-0001479-015
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 22
Lims Batch ID: 6177 Lims Sample ID: 15

Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
Last Update: 21-Nov-2012 12:07:41 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:07:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.208	5.196	0.012	8049	64.0	
19 RDX						
1	7.501	7.466	0.035	5593	62.9	
27 1,3,5-Trinitrobenzene						
1	9.851	9.849	0.002	10267	63.1	
24 1,3-Dinitrobenzene						
1	12.468	12.490	-0.022	10270	63.5	
9 3,5-Dinitroaniline						
1	13.208	13.243	-0.035	6599	63.5	
20 Tetryl						
1	13.625	13.593	0.032	4594	53.1	
5 Nitrobenzene						
1	14.208	14.203	0.005	4583	62.2	
7 Nitroglycerin						
2	14.855	14.880	-0.025	7890	121.6	
25 2,4,6-Trinitrotoluene						
1	15.731	15.730	0.001	4885	52.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.265	16.190	0.075	4913	64.9	
$ 30 3,4-Dinitrotoluene						
1	16.708	16.726	-0.018	3488	61.9	
2	16.711	16.693	0.018	6439	62.3	
6 2-Amino-4,6-dinitrotoluene						
1	17.198	17.153	0.045	5164	61.8	
12 2,6-Dinitrotoluene						
1	18.825	18.890	-0.065	3594	60.3	
23 2,4-Dinitrotoluene						
1	19.471	19.383	0.088	6035	62.9	

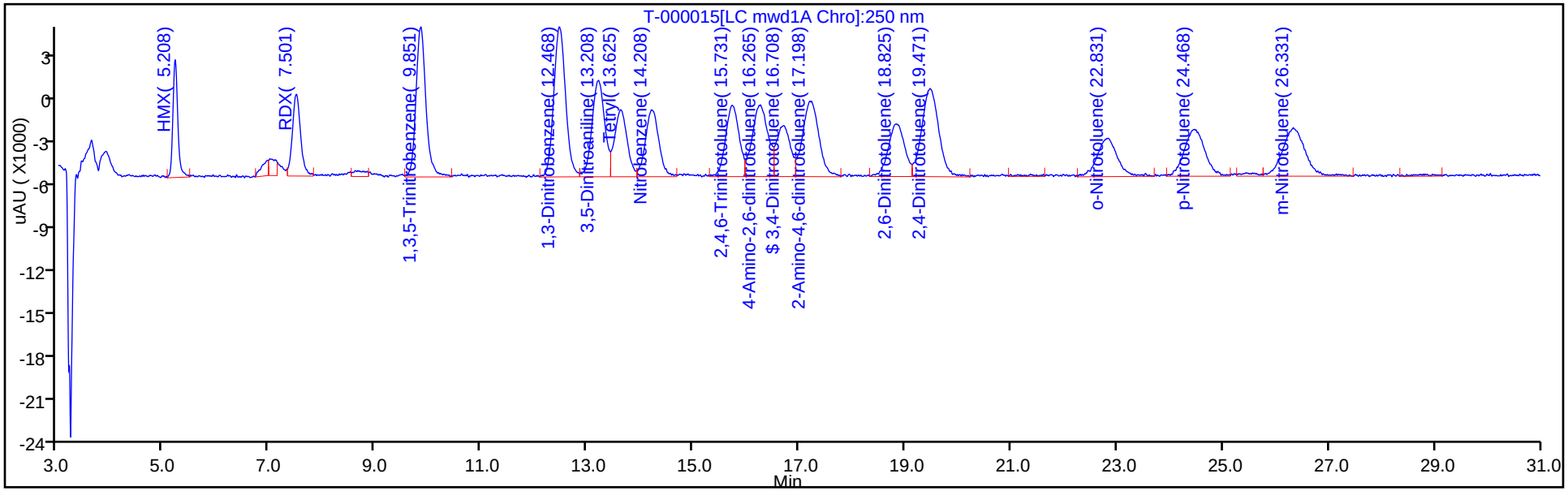
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.831	22.823	0.008	2630	59.0	
15 p-Nitrotoluene						
1	24.468	24.556	-0.088	3210	60.1	
8 m-Nitrotoluene						
1	26.331	26.256	0.075	3322	61.6	
21 PETN						
2	28.648	28.653	-0.005	4567	124.4	

Report Date: 21-Nov-2012 12:07:41 Chrom Revision: 2.1 14-Nov-2012 09:16:24

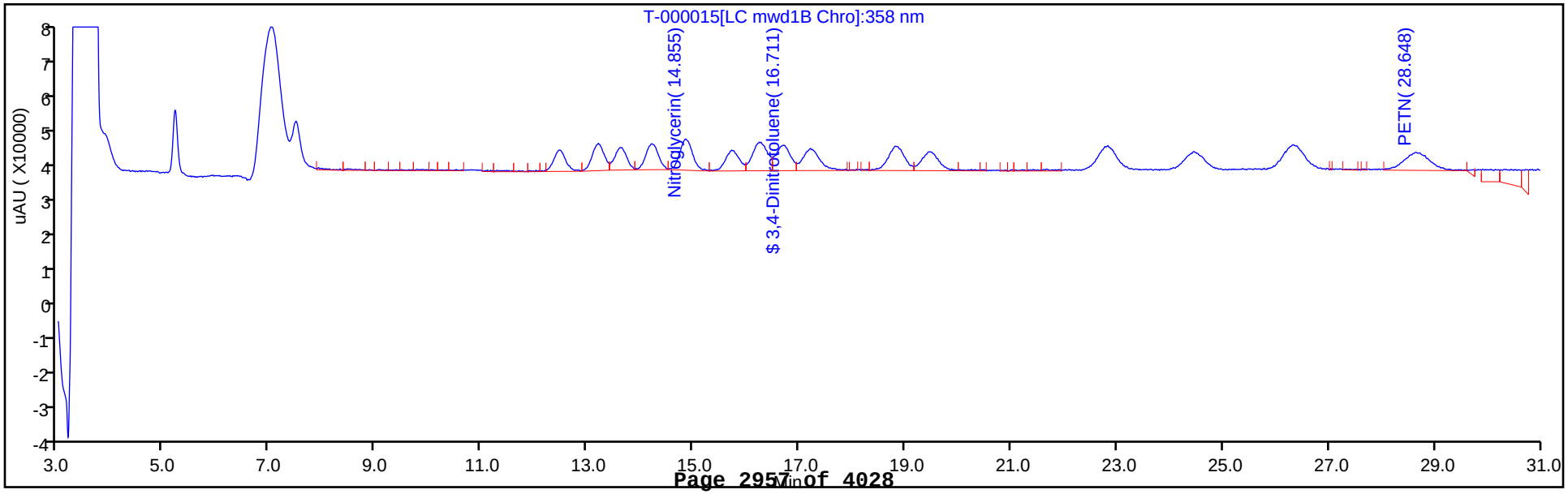
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000015.D		
Injection Date:	20-Nov-2012 23:02:20	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	15
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000035.D

Analysis Method: 8330B Date Collected: 11/07/2012 15:50

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 10.10(g) Date Analyzed: 11/21/2012 12:33

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.502		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.492		0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.505		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.512		0.25	0.050	0.0052
606-20-2	2,6-Dinitrotoluene	0.518		0.25	0.050	0.0072
2691-41-0	HMX	0.500		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.503		0.25	0.050	0.017
55-63-0	Nitroglycerin	0.973		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.478	M	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.475	M	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.471	M	0.25	0.050	0.018
78-11-5	PETN	0.996		0.50	0.25	0.025
121-82-4	RDX	0.481		0.25	0.050	0.012
479-45-8	Tetryl	0.427		0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.511		0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.425		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	107		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000035.D		
Lims ID:	240-17422-P-2-E MS	Client ID:	076SS-0020M-0002-SO
Inject. Date:	21-Nov-2012 12:33:22	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0001479-035		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	40
Lims Batch ID:	6177	Lims Sample ID:	35
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:40:32	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 08:40:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.206	5.206	0.0	7934	63.1	
19 RDX						
1	7.493	7.516	-0.023	5403	60.7	
27 1,3,5-Trinitrobenzene						
1	9.843	9.860	-0.017	10499	64.5	
24 1,3-Dinitrobenzene						
1	12.456	12.503	-0.047	10307	63.8	
9 3,5-Dinitroaniline						
1	13.173	13.170	0.003	6280	60.4	
20 Tetryl						
1	13.610	13.590	0.020	4670	54.0	
5 Nitrobenzene						
1	14.193	14.240	-0.047	4679	63.5	
7 Nitroglycerin						
2	14.843	14.813	0.030	7969	122.8	
25 2,4,6-Trinitrotoluene						
1	15.723	15.717	0.006	4977	53.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.233	16.203	0.030	4706	62.1	
$ 30 3,4-Dinitrotoluene						
1	16.670	16.670	0.0	3757	66.7	
2	16.676	16.673	0.003	6883	66.6	
6 2-Amino-4,6-dinitrotoluene						
1	17.173	17.090	0.083	5294	63.3	
12 2,6-Dinitrotoluene						
1	18.813	18.763	0.050	3900	65.5	
23 2,4-Dinitrotoluene						
1	19.433	19.483	-0.050	6202	64.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						M
1	22.776	22.753	0.023	2691	60.4	M
15 p-Nitrotoluene						M
1	24.446	24.367	0.079	3179	59.5	M
8 m-Nitrotoluene						M
1	26.296	26.333	-0.037	3237	60.0	M
21 PETN						
2	28.620	28.587	0.033	4618	125.7	

QC Flag Legend

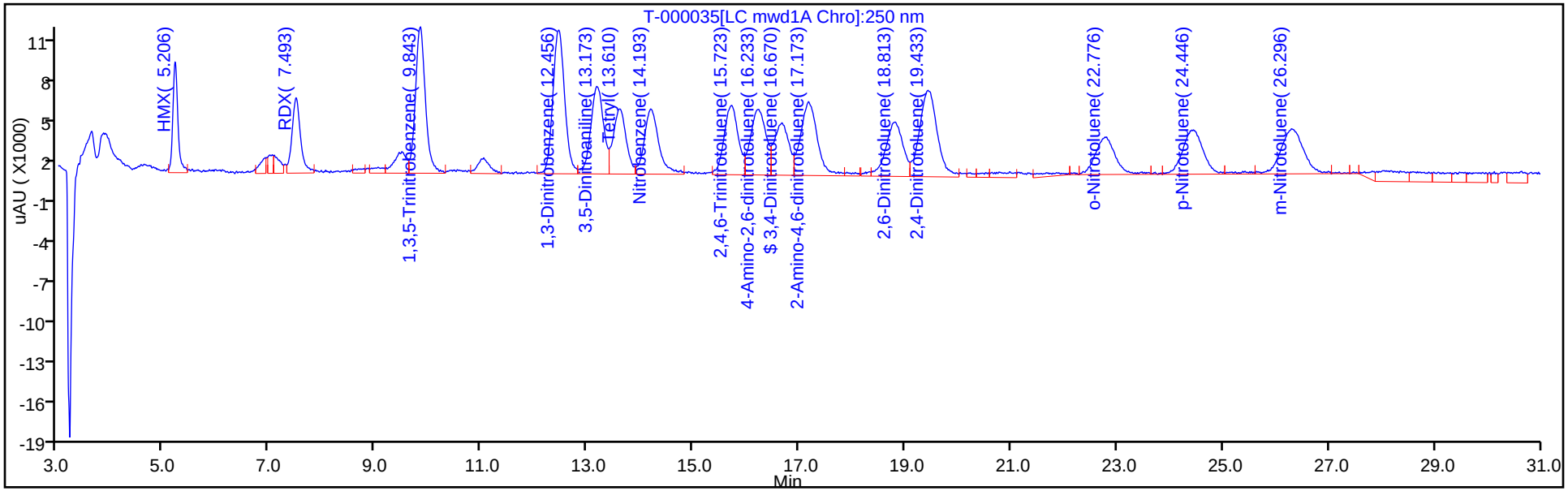
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 08:40:32 Chrom Revision: 2.1 14-Nov-2012 09:16:24

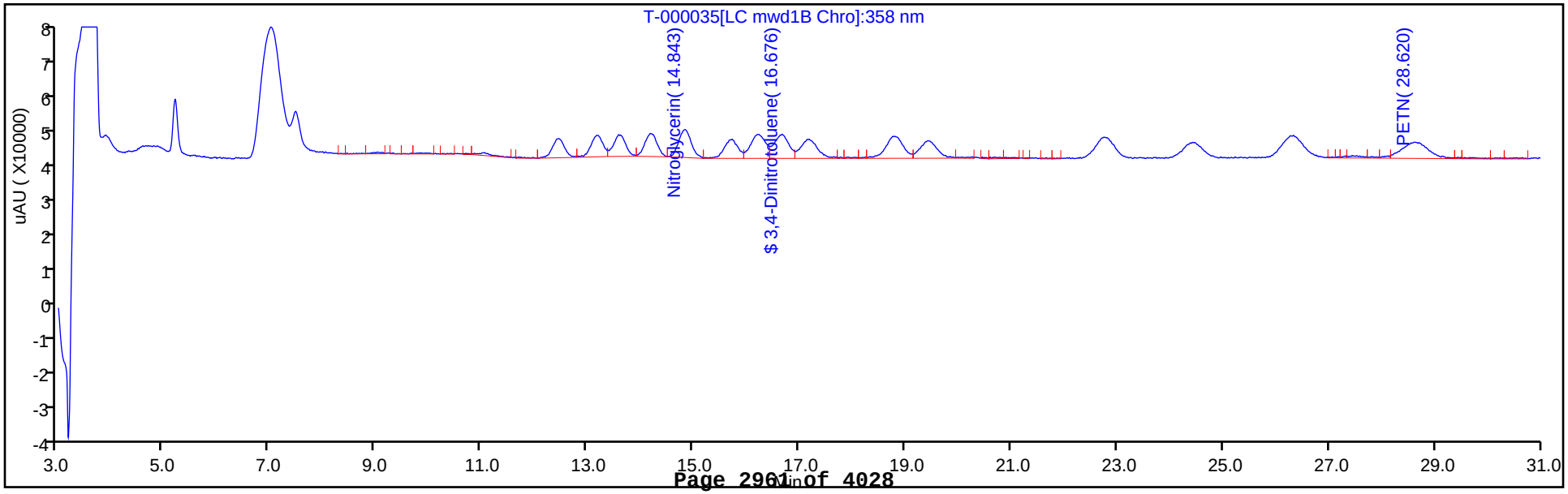
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000035.D		
Injection Date:	21-Nov-2012 12:33:22	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	35
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

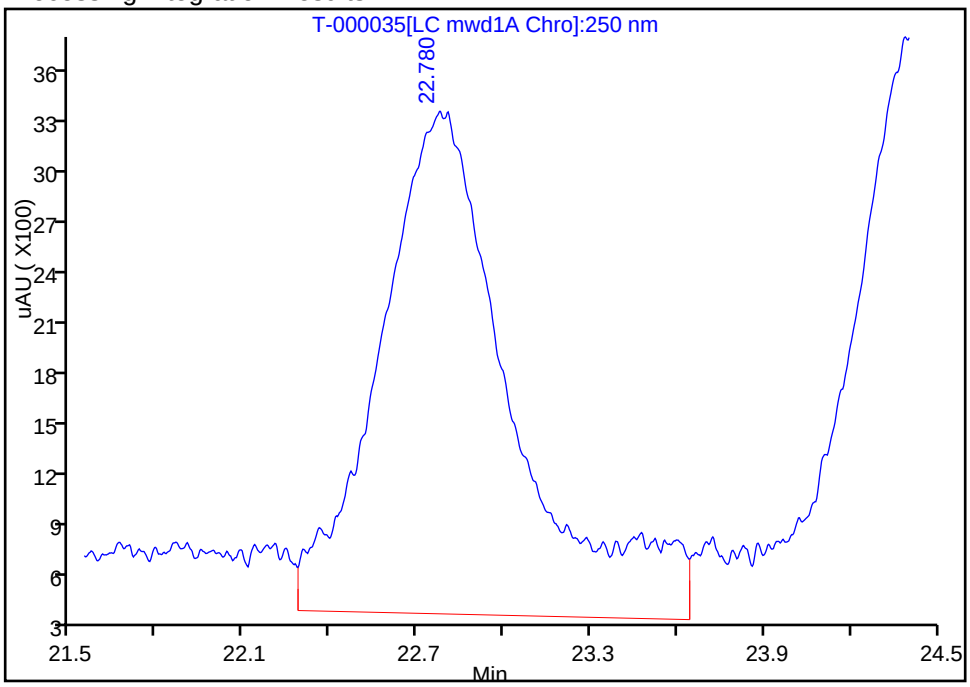
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000035.D		
Injection Date:	21-Nov-2012 12:33:22	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	35
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

16 o-Nitrotoluene, Signal: 1, Type: quant, RT: 22.75, Det: LC mwd1A

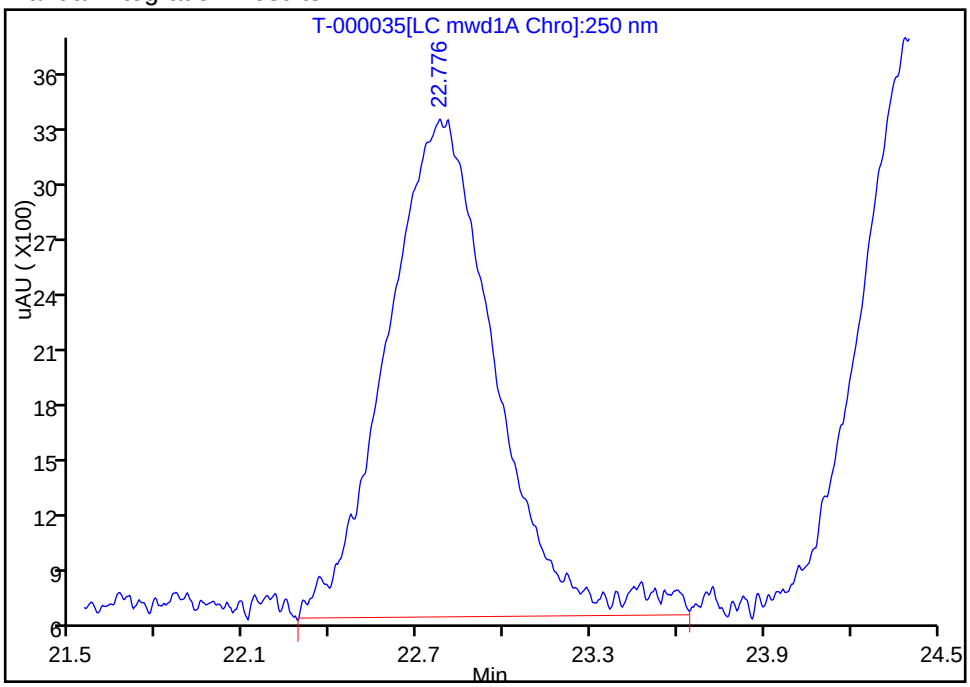
Processing Integration Results

RT: 22.78
Response: 2984
Amount: 66.973404



Manual Integration Results

RT: 22.78
Response: 2691
Amount: 60.397262



Reviewer: noonanr, 26-Nov-2012 08:40:10
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

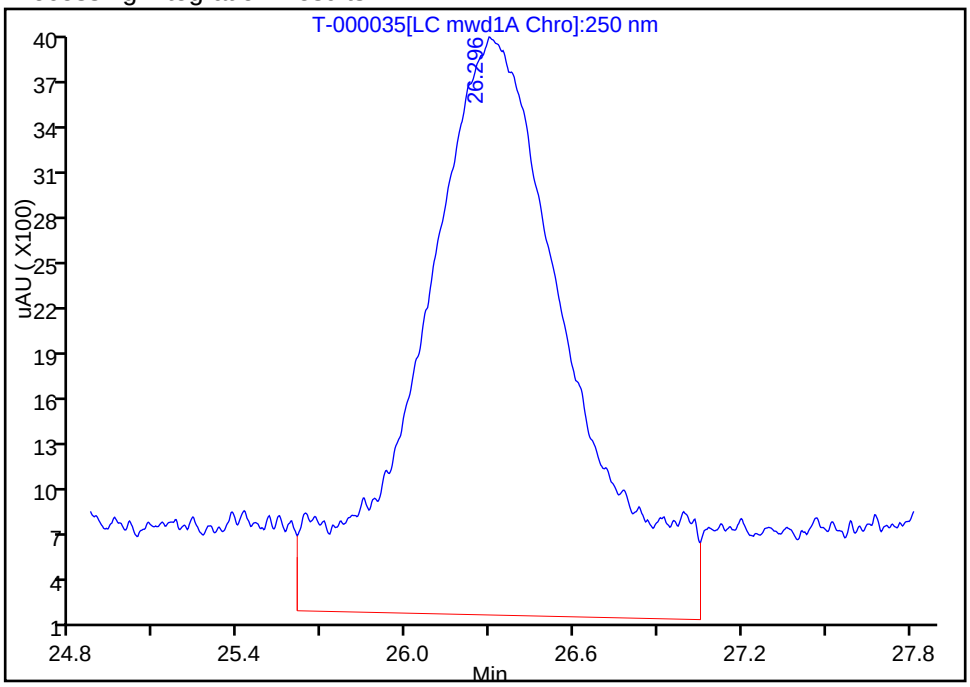
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000035.D		
Injection Date:	21-Nov-2012 12:33:22	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	35
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 26.33, Det: LC mwd1A

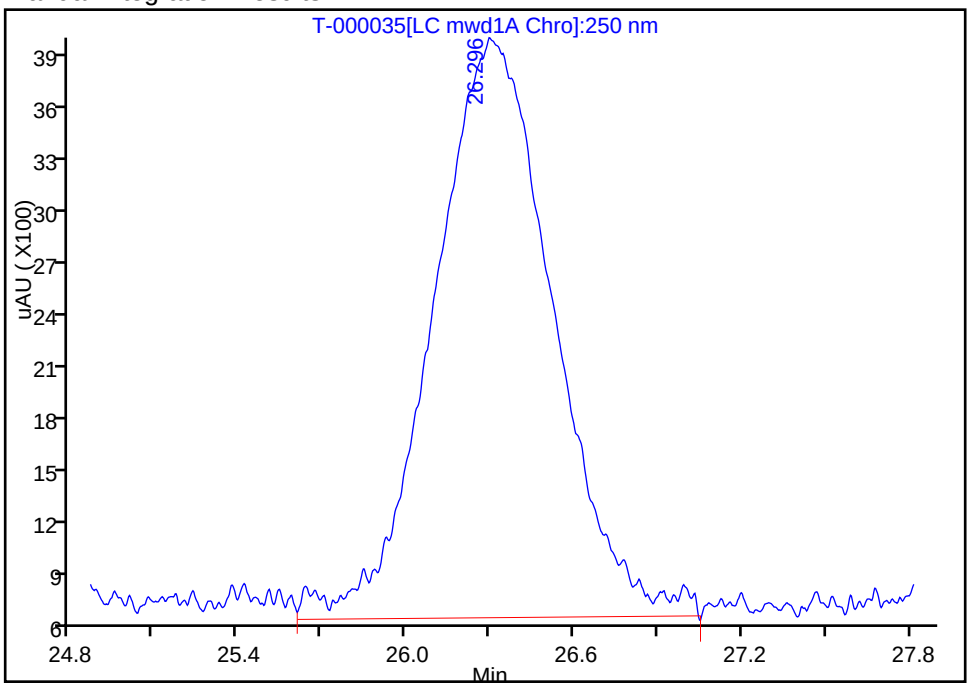
Processing Integration Results

RT: 26.30
Response: 3717
Amount: 68.915649



Manual Integration Results

RT: 26.30
Response: 3237
Amount: 60.016130



Reviewer: noonanr, 26-Nov-2012 08:40:10
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

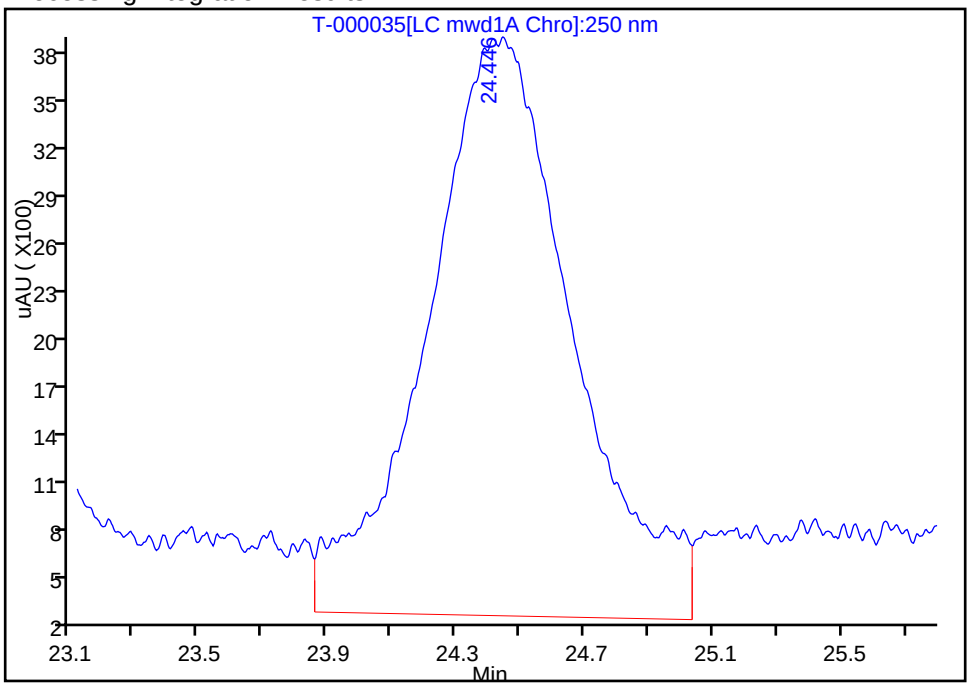
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000035.D		
Injection Date:	21-Nov-2012 12:33:22	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	35
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

15 p-Nitrotoluene, Signal: 1, Type: quant, RT: 24.37, Det: LC mwd1A

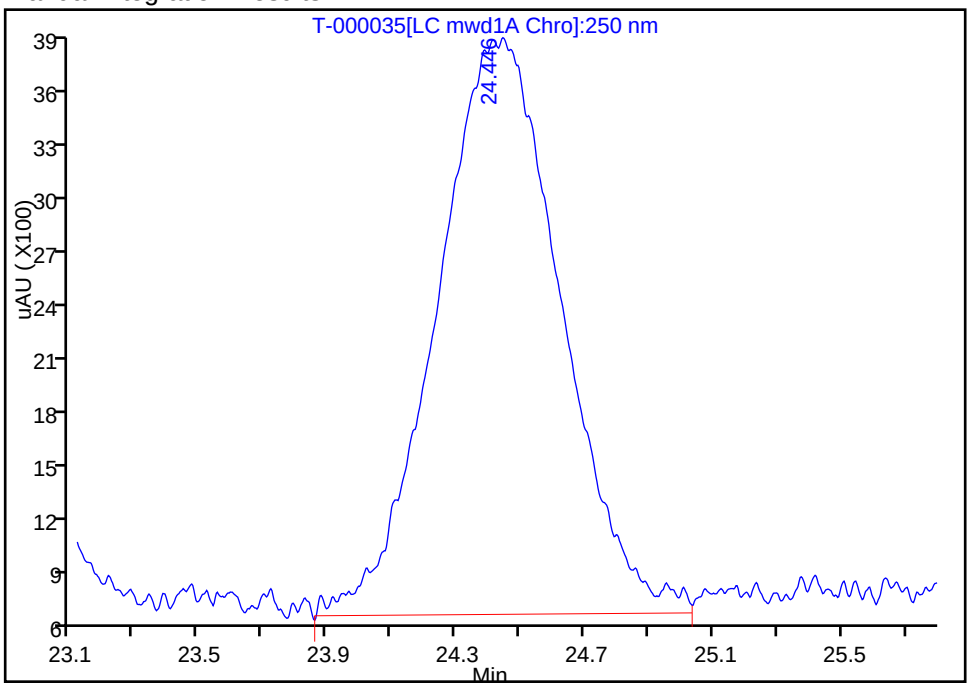
Processing Integration Results

RT: 24.45
Response: 3560
Amount: 66.630170



Manual Integration Results

RT: 24.45
Response: 3179
Amount: 59.499244



Reviewer: noonanr, 26-Nov-2012 08:40:10
Audit Action: Assigned New Baseline
Audit Reason: Baseline

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000040.D

Analysis Method: 8330B Date Collected: 11/08/2012 11:00

Extraction Method: 8330B Date Extracted: 11/16/2012 11:11

Sample wt/vol: 9.96(g) Date Analyzed: 11/21/2012 15:55

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.491		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.503		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.511		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.500		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.501		0.25	0.050	0.0073
2691-41-0	HMX	0.500		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.497		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.974		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.453	M	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.482		0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.471		0.25	0.050	0.018
78-11-5	PETN	0.910	M	0.50	0.25	0.025
121-82-4	RDX	0.475		0.25	0.050	0.012
479-45-8	Tetryl	0.382		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.500		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.417		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000040.D		
Lims ID:	240-17422-P-6-E MS	Client ID:	073SS-0003M-0002-SO
Inject. Date:	21-Nov-2012 15:55:32	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0001479-040		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	45
Lims Batch ID:	6177	Lims Sample ID:	40
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:43:13	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 08:43:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.207	5.206	0.001	7830	62.2	
19 RDX						
1	7.497	7.516	-0.019	5260	59.1	
27 1,3,5-Trinitrobenzene						
1	9.850	9.860	-0.010	10132	62.3	
24 1,3-Dinitrobenzene						
1	12.471	12.503	-0.032	10293	63.7	
9 3,5-Dinitroaniline						
1	13.211	13.170	0.041	6276	60.4	
20 Tetryl						
1	13.621	13.590	0.031	4112	47.5	
5 Nitrobenzene						
1	14.227	14.240	-0.013	4561	61.9	
7 Nitroglycerin						
2	14.851	14.813	0.038	7870	121.3	
25 2,4,6-Trinitrotoluene						
1	15.737	15.717	0.020	4821	52.0	
26 4-Amino-2,6-dinitrotoluene						
1	16.251	16.203	0.048	4738	62.6	
$ 30 3,4-Dinitrotoluene						
1	16.701	16.670	0.031	3360	59.7	
2	16.697	16.673	0.024	6480	62.7	
6 2-Amino-4,6-dinitrotoluene						
1	17.224	17.090	0.134	5114	61.2	
12 2,6-Dinitrotoluene						
1	18.831	18.763	0.068	3714	62.3	
23 2,4-Dinitrotoluene						
1	19.477	19.483	-0.006	5976	62.3	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						M
1	22.821	22.753	0.068	2511	56.4	M
15 p-Nitrotoluene						
1	24.474	24.367	0.107	3136	58.7	
8 m-Nitrotoluene						
1	26.374	26.333	0.041	3237	60.0	
21 PETN						M
2	28.754	28.587	0.167	4159	113.2	M

QC Flag Legend

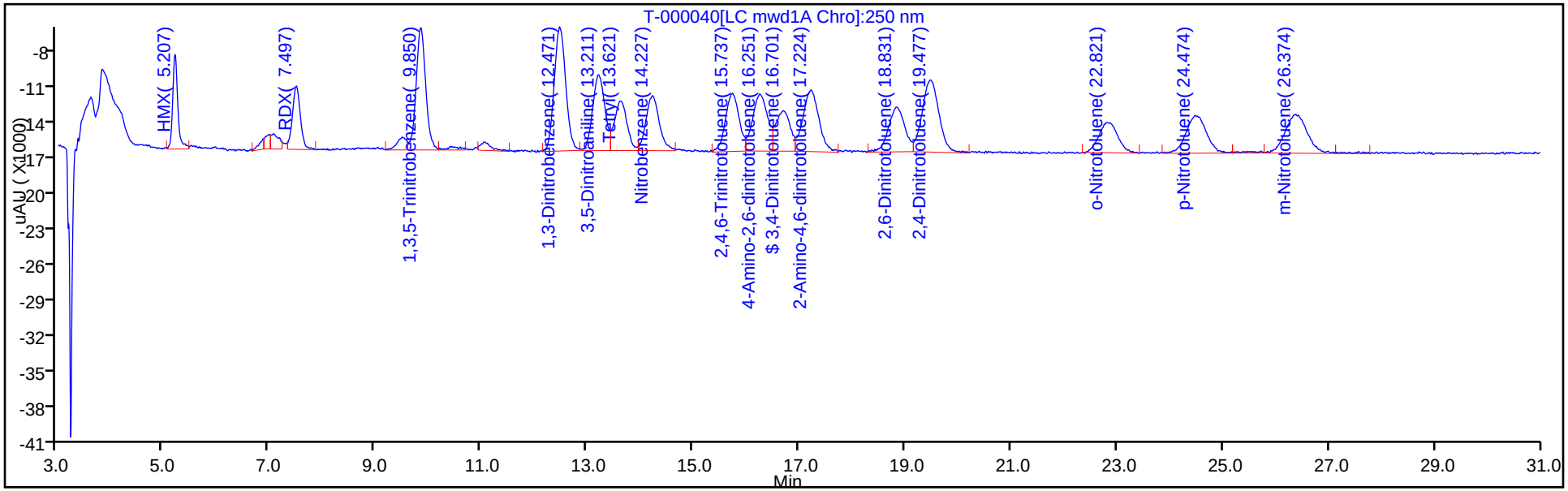
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 08:43:13 Chrom Revision: 2.1 14-Nov-2012 09:16:24

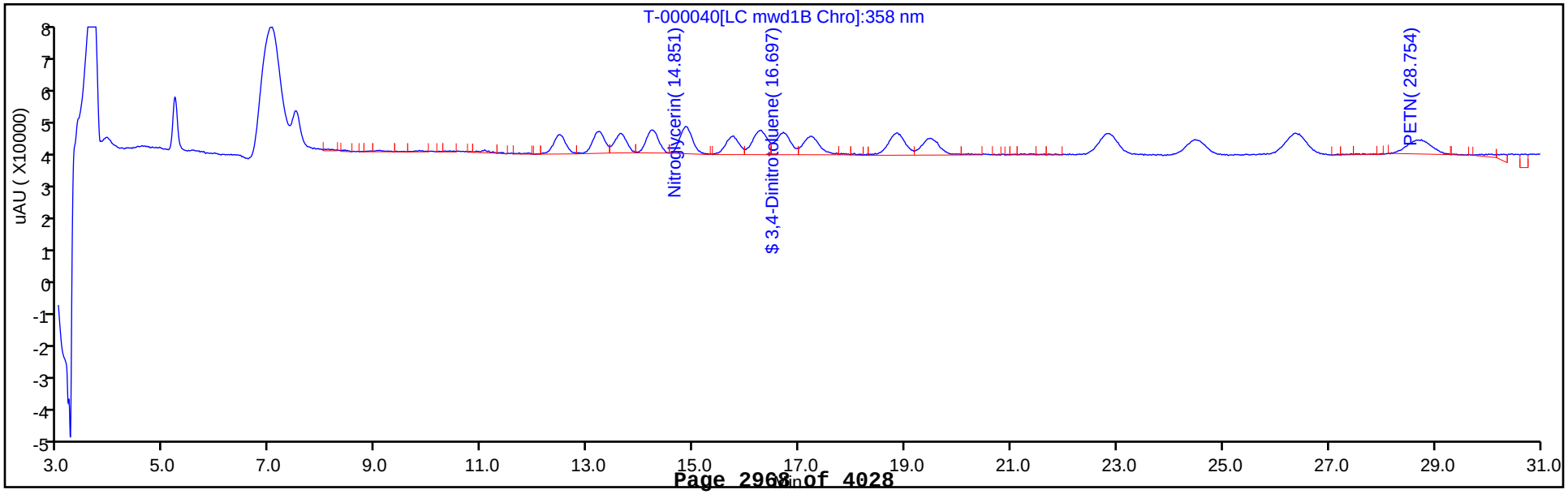
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000040.D		
Injection Date:	21-Nov-2012 15:55:32	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	40
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 26-Nov-2012 08:43:13 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

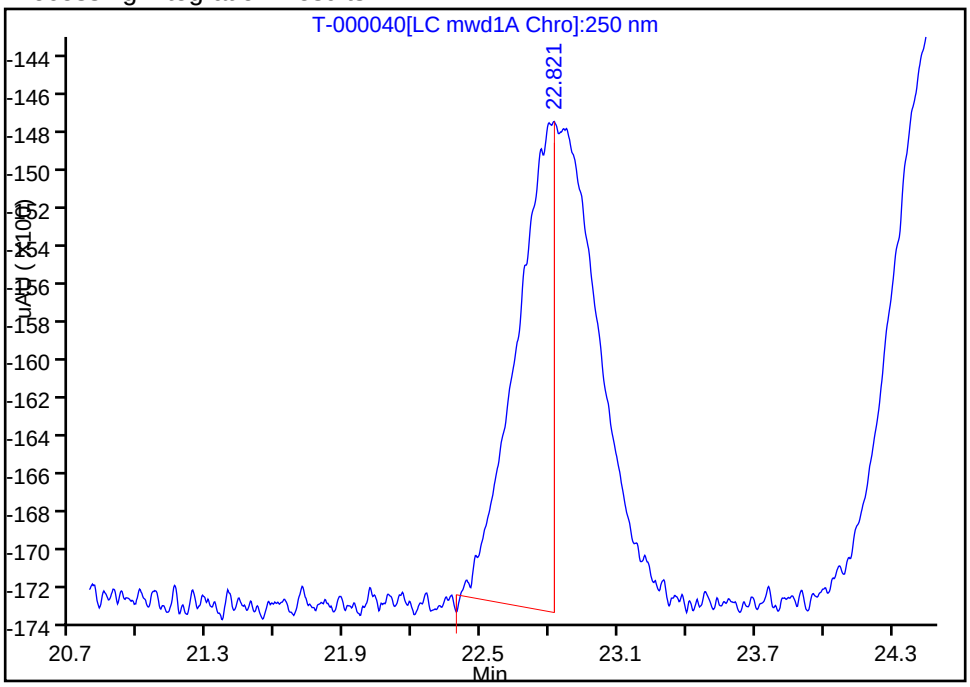
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000040.D		
Injection Date:	21-Nov-2012 15:55:32	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	40
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

16 o-Nitrotoluene, Signal: 1, Type: quant, RT: 22.75, Det: LC mwd1A

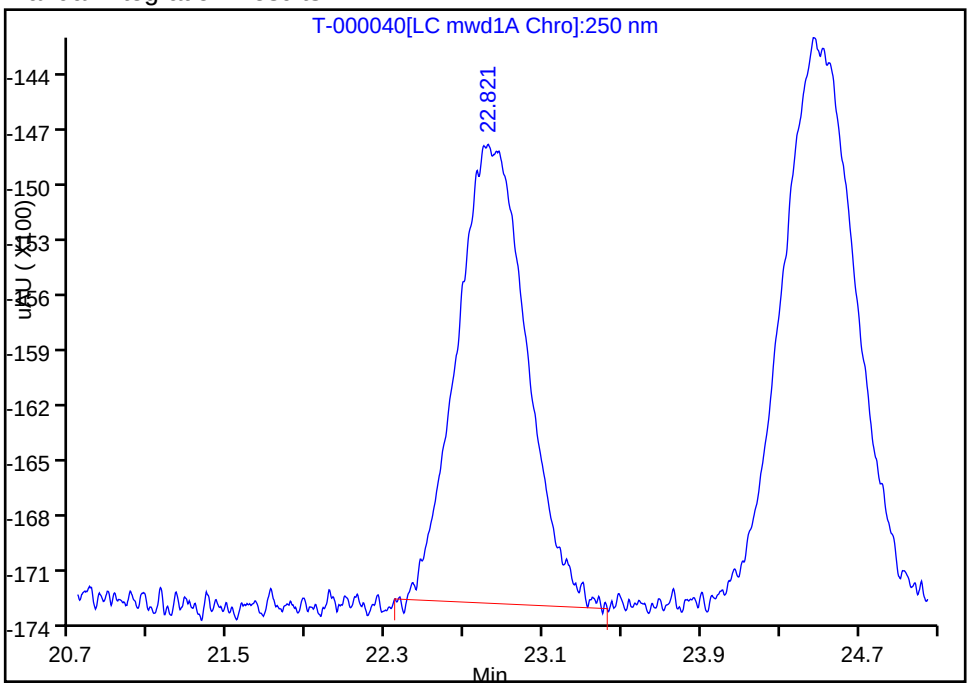
Processing Integration Results

RT: 22.82
Response: 2568
Amount: 57.636629



Manual Integration Results

RT: 22.82
Response: 2511
Amount: 56.357311



Reviewer: noonanr, 26-Nov-2012 08:43:13
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Report Date: 26-Nov-2012 08:43:13 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

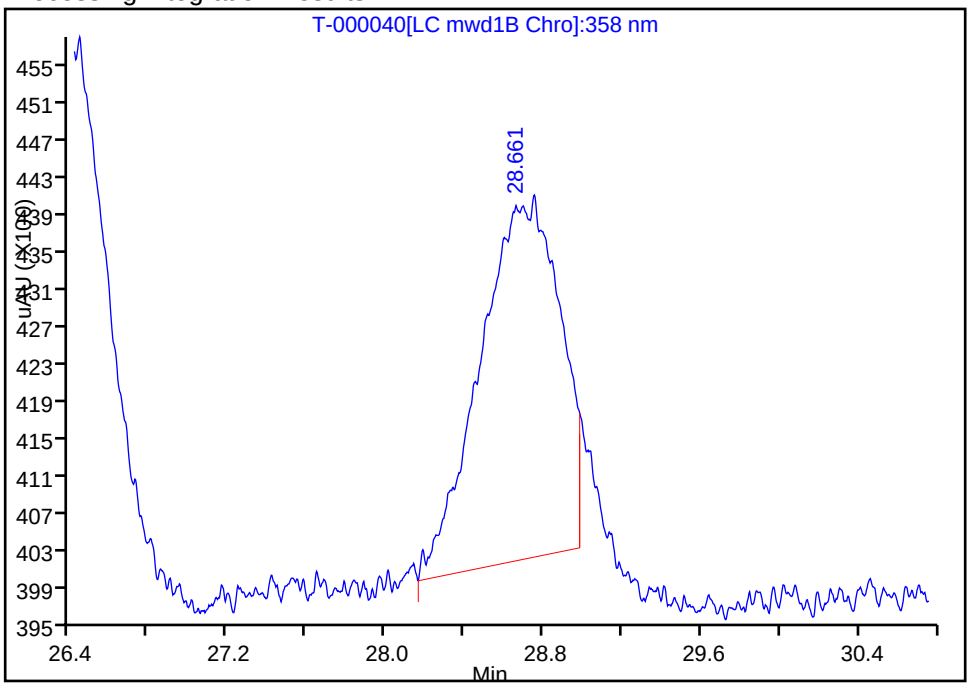
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000040.D		
Injection Date:	21-Nov-2012 15:55:32	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	40
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.59, Det: LC mwd1B

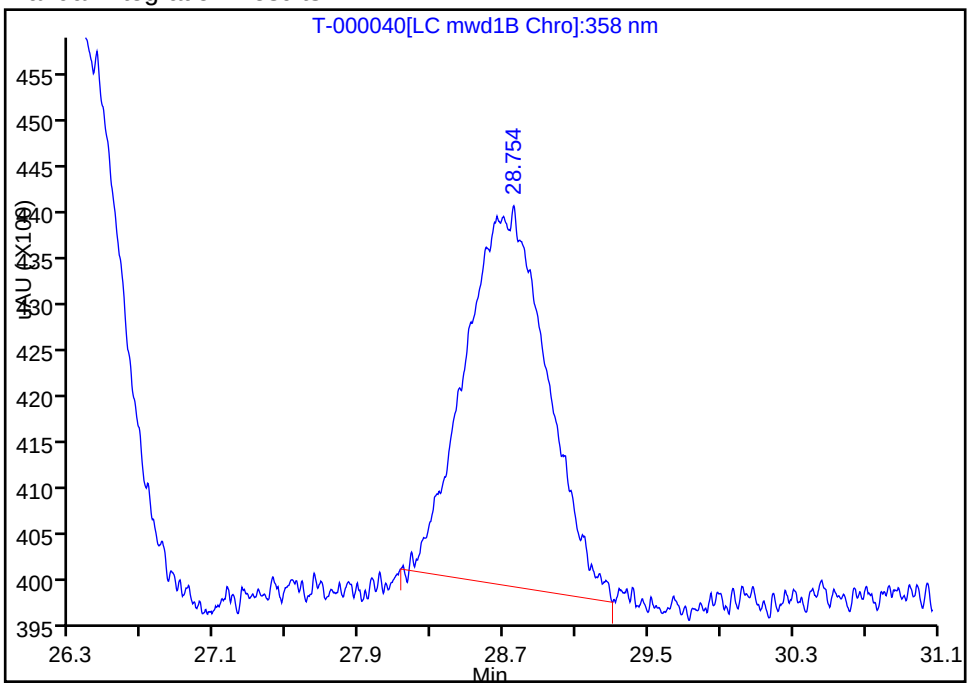
Processing Integration Results

RT: 28.66
Response: 3785
Amount: 103.0642



Manual Integration Results

RT: 28.75
Response: 4159
Amount: 113.2481



Reviewer: noonanr, 26-Nov-2012 08:43:13
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000036.D

Analysis Method: 8330B Date Collected: 11/07/2012 15:50

Extraction Method: 8330B Date Extracted: 11/16/2012 10:48

Sample wt/vol: 10.08(g) Date Analyzed: 11/21/2012 13:14

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.482		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.484		0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.504		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.490		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.487		0.25	0.050	0.0072
2691-41-0	HMX	0.492		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.490		0.25	0.050	0.017
55-63-0	Nitroglycerin	0.961		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.463		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.469		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.467		0.25	0.050	0.018
78-11-5	PETN	1.04		0.50	0.25	0.025
121-82-4	RDX	0.471		0.25	0.050	0.012
479-45-8	Tetryl	0.428		0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.590		0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.420		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	101		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000036.D		
Lims ID:	240-17422-P-2-F MSD	Client ID:	076SS-0020M-0002-SO
Inject. Date:	21-Nov-2012 13:14:00	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0001479-036		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	41
Lims Batch ID:	6177	Lims Sample ID:	36
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:41:01	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 08:41:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.207	5.206	0.001	7802	62.0	
19 RDX						
1	7.504	7.516	-0.012	5286	59.4	
27 1,3,5-Trinitrobenzene						
1	9.854	9.860	-0.006	12090	74.3	
24 1,3-Dinitrobenzene						
1	12.488	12.503	-0.015	10264	63.5	
9 3,5-Dinitroaniline						
1	13.224	13.170	0.054	6336	61.0	
20 Tetryl						
1	13.641	13.590	0.051	4665	53.9	
5 Nitrobenzene						
1	14.251	14.240	0.011	4549	61.7	
7 Nitroglycerin						
2	14.878	14.813	0.065	7856	121.1	
25 2,4,6-Trinitrotoluene						
1	15.741	15.717	0.024	4906	52.9	
26 4-Amino-2,6-dinitrotoluene						
1	16.274	16.203	0.071	4617	61.0	
$ 30 3,4-Dinitrotoluene						
1	16.741	16.670	0.071	3556	63.1	
2	16.718	16.673	0.045	6642	64.3	
6 2-Amino-4,6-dinitrotoluene						
1	17.244	17.090	0.154	5081	60.8	
12 2,6-Dinitrotoluene						
1	18.884	18.763	0.121	3656	61.4	
23 2,4-Dinitrotoluene						
1	19.498	19.483	0.015	5920	61.7	

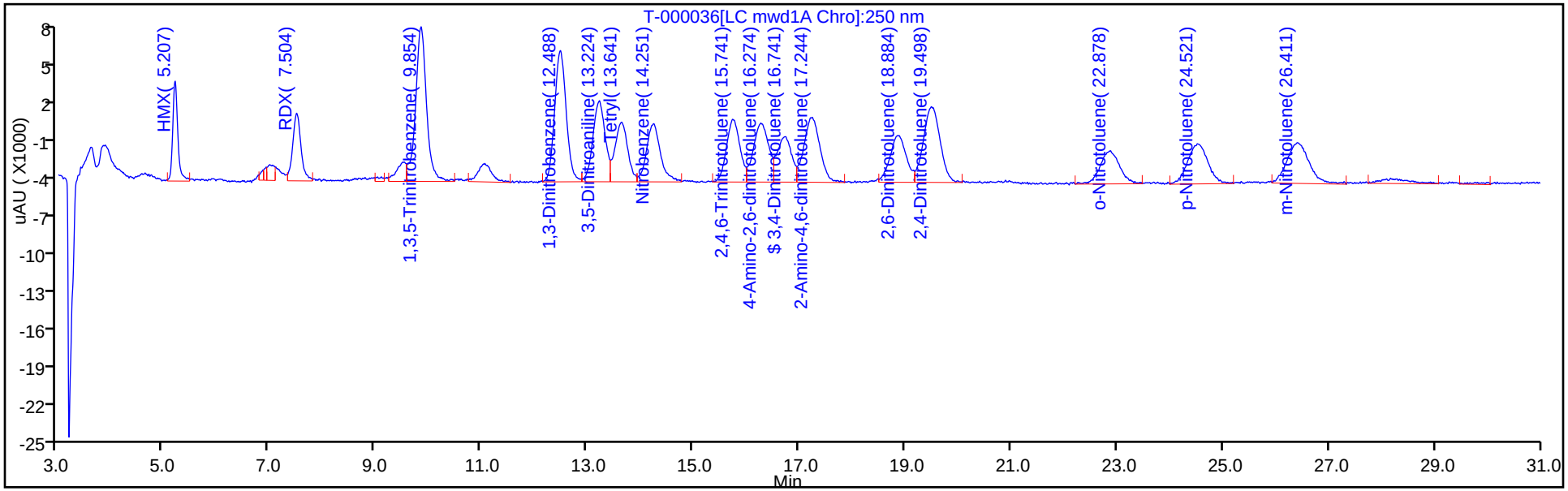
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.878	22.753	0.125	2597	58.3	
15 p-Nitrotoluene						
1	24.521	24.367	0.154	3141	58.8	
8 m-Nitrotoluene						
1	26.411	26.333	0.078	3186	59.1	
21 PETN						
2	28.714	28.587	0.127	4821	131.3	

Report Date: 26-Nov-2012 08:41:02 Chrom Revision: 2.1 14-Nov-2012 09:16:24

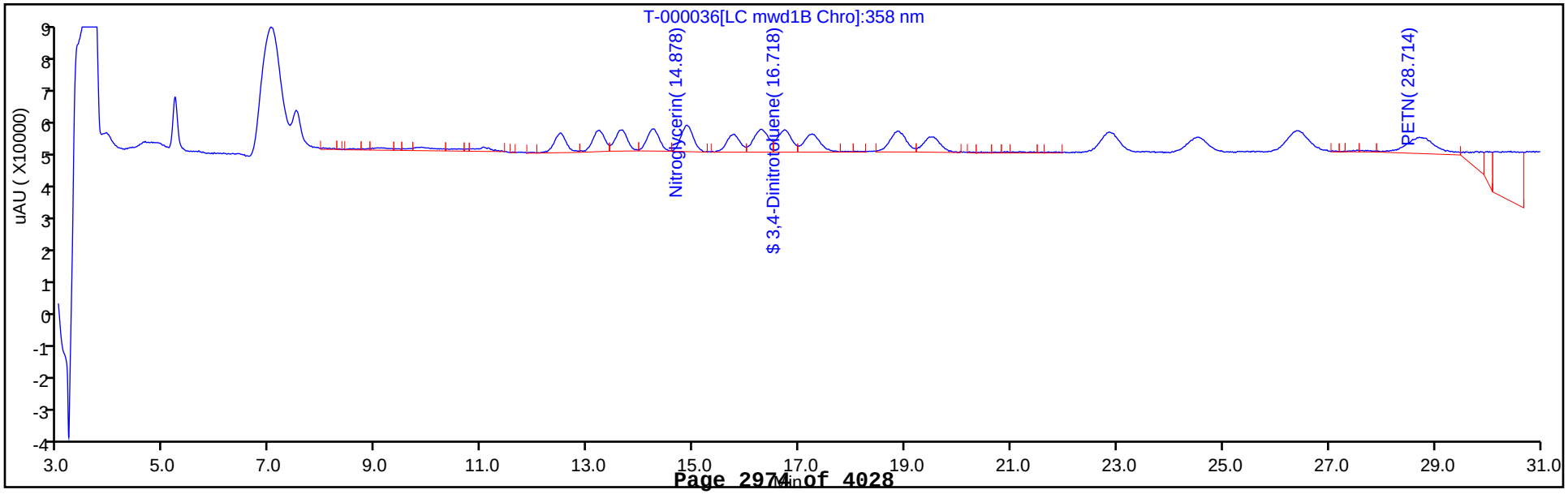
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000036.D		
Injection Date:	21-Nov-2012 13:14:00	Limit Group:	LC 8330B ICAL
Client ID:	076SS-0020M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	36
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

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

Matrix: Solid Lab File ID: T-000041.D

Analysis Method: 8330B Date Collected: 11/08/2012 11:00

Extraction Method: 8330B Date Extracted: 11/16/2012 11:11

Sample wt/vol: 10.17(g) Date Analyzed: 11/21/2012 16:35

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.473		0.25	0.049	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.484		0.25	0.049	0.0098
99-65-0	1,3-Dinitrobenzene	0.494		0.25	0.049	0.0041
121-14-2	2,4-Dinitrotoluene	0.484		0.25	0.049	0.0052
606-20-2	2,6-Dinitrotoluene	0.474		0.25	0.049	0.0072
2691-41-0	HMX	0.498		0.25	0.049	0.012
98-95-3	Nitrobenzene	0.482		0.25	0.049	0.017
55-63-0	Nitroglycerin	0.955		0.49	0.25	0.015
88-72-2	2-Nitrotoluene	0.465		0.25	0.049	0.013
99-08-1	3-Nitrotoluene	0.480		0.25	0.049	0.015
99-99-0	4-Nitrotoluene	0.465		0.25	0.049	0.018
78-11-5	PETN	0.891	M	0.49	0.25	0.025
121-82-4	RDX	0.465		0.25	0.049	0.012
479-45-8	Tetryl	0.364		0.25	0.049	0.0098
99-35-4	1,3,5-Trinitrobenzene	0.491		0.25	0.049	0.0098
118-96-7	2,4,6-Trinitrotoluene	0.410		0.25	0.049	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	98		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000041.D		
Lims ID:	240-17422-P-6-F MSD	Client ID:	073SS-0003M-0002-SO
Inject. Date:	21-Nov-2012 16:35:55	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0001479-041		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	46
Lims Batch ID:	6177	Lims Sample ID:	41
Method:	\\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m		
Last Update:	26-Nov-2012 08:44:17	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK020		
First Level Reviewer: noonanr		Date:	26-Nov-2012 08:44:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.207	5.206	0.001	7967	63.3	
19 RDX						
1	7.500	7.516	-0.016	5262	59.1	
27 1,3,5-Trinitrobenzene						
1	9.857	9.860	-0.003	10148	62.4	
24 1,3-Dinitrobenzene						
1	12.483	12.503	-0.020	10160	62.8	
9 3,5-Dinitroaniline						
1	13.217	13.170	0.047	6150	59.2	
20 Tetryl						
1	13.643	13.590	0.053	4002	46.2	
5 Nitrobenzene						
1	14.243	14.240	0.003	4521	61.3	
7 Nitroglycerin						
2	14.870	14.813	0.057	7877	121.4	
25 2,4,6-Trinitrotoluene						
1	15.760	15.717	0.043	4834	52.1	
26 4-Amino-2,6-dinitrotoluene						
1	16.277	16.203	0.074	4659	61.5	
$ 30 3,4-Dinitrotoluene						
1	16.717	16.670	0.047	3434	61.0	
2	16.720	16.673	0.047	6397	61.9	
6 2-Amino-4,6-dinitrotoluene						
1	17.237	17.090	0.147	5029	60.2	
12 2,6-Dinitrotoluene						
1	18.877	18.763	0.114	3588	60.2	
23 2,4-Dinitrotoluene						
1	19.490	19.483	0.007	5910	61.6	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.873	22.753	0.120	2634	59.1	
15 p-Nitrotoluene						
1	24.503	24.367	0.136	3160	59.1	
8 m-Nitrotoluene						
1	26.393	26.333	0.060	3289	61.0	
21 PETN						M
2	28.660	28.587	0.073	4162	113.3	M

QC Flag Legend

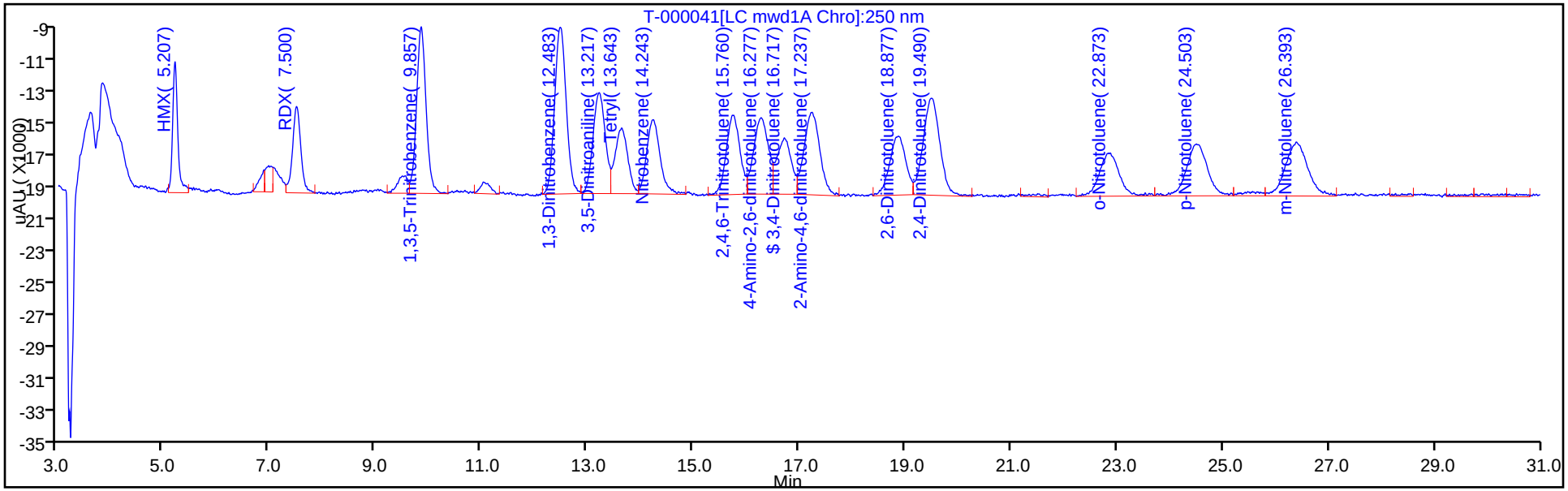
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 08:44:18 Chrom Revision: 2.1 14-Nov-2012 09:16:24

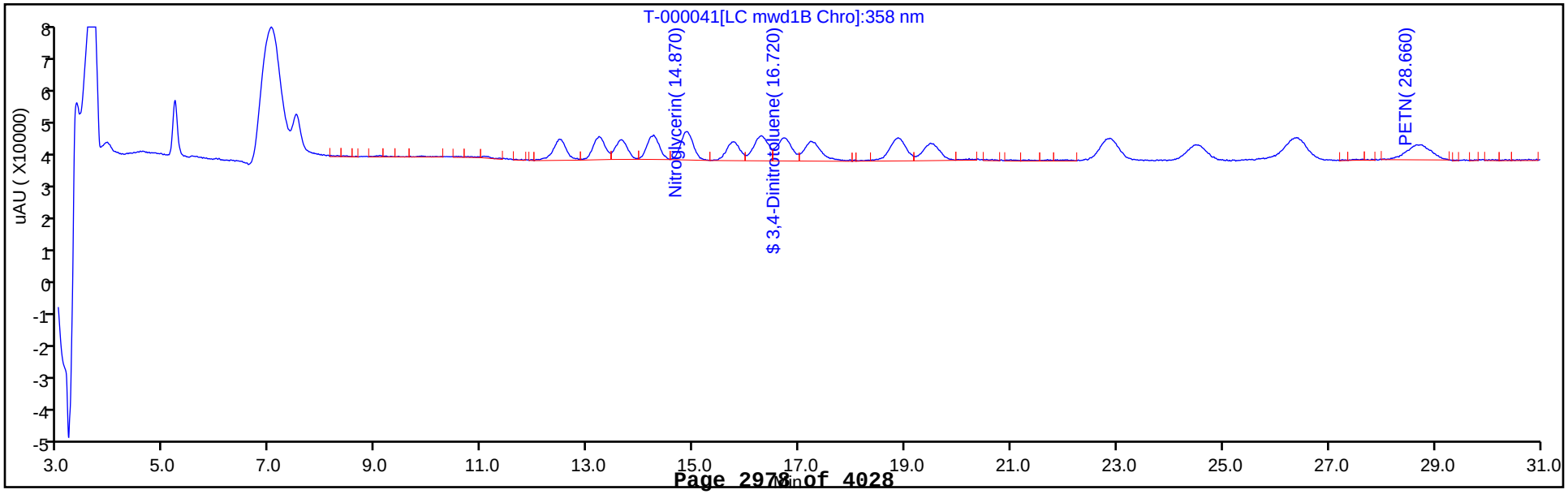
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000041.D		
Injection Date:	21-Nov-2012 16:35:55	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	41
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 26-Nov-2012 08:44:18 Chrom Revision: 2.1 14-Nov-2012 09:16:24

Manual Integration/User Assign Peak Report

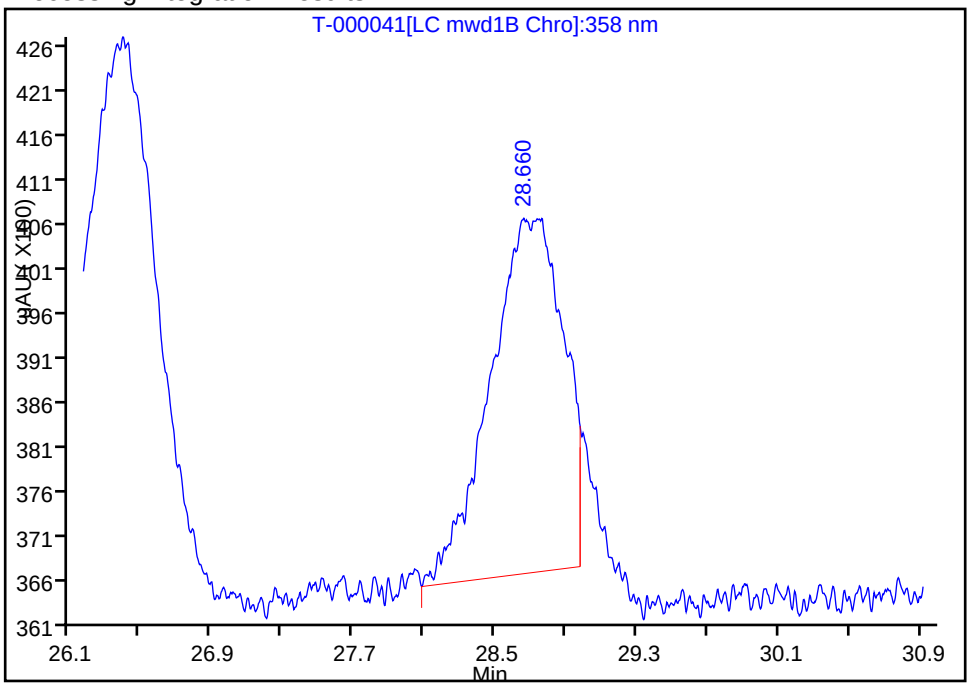
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121120-1479.b\T-000041.D		
Injection Date:	21-Nov-2012 16:35:55	Limit Group:	LC 8330B ICAL
Client ID:	073SS-0003M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	6177	Lims Sample ID:	41
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.59, Det: LC mwd1B

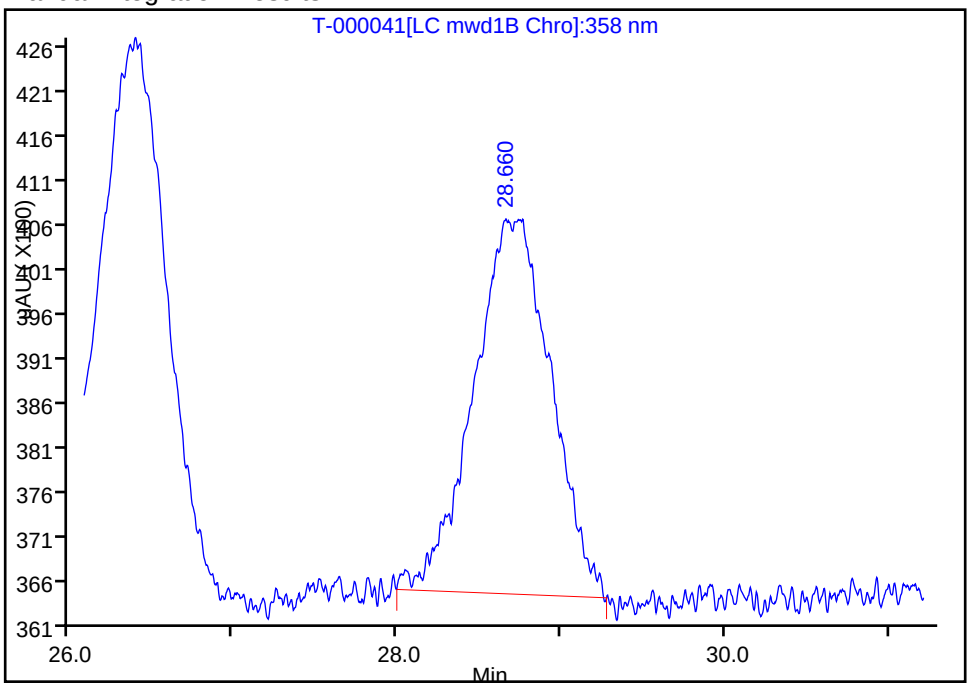
Processing Integration Results

RT: 28.66
Response: 3947
Amount: 107.4754



Manual Integration Results

RT: 28.66
Response: 4162
Amount: 113.3298



Reviewer: noonanr, 26-Nov-2012 08:44:17
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

HPLC/IC ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: LC10 Start Date: 09/01/2012 11:10

Analysis Batch Number: 3377 End Date: 09/01/2012 19:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/01/2012 11:10	1		Synergi C18 4.6(mm)
STD01 320-3377/2 IC		09/01/2012 11:50	1	A-000006.D	Synergi C18 4.6(mm)
STD02 320-3377/3 IC		09/01/2012 12:30	1	A-000007.D	Synergi C18 4.6(mm)
STD03 320-3377/4 IC		09/01/2012 13:10	1	A-000008.D	Synergi C18 4.6(mm)
STD04 320-3377/5 IC		09/01/2012 13:50	1	A-000009.D	Synergi C18 4.6(mm)
STD05 320-3377/6 IC		09/01/2012 14:30	1	A-000010.D	Synergi C18 4.6(mm)
STD06 320-3377/7 IC		09/01/2012 15:10	1	A-000011.D	Synergi C18 4.6(mm)
STD07 320-3377/8 IC		09/01/2012 15:50	1	A-000012.D	Synergi C18 4.6(mm)
STD08 320-3377/9 IC		09/01/2012 16:31	1	A-000013.D	Synergi C18 4.6(mm)
ZZZZZ		09/01/2012 17:10	1		Synergi C18 4.6(mm)
ICV 320-3377/11		09/01/2012 17:51	1	A-000015.D	Synergi C18 4.6(mm)
ICV 320-3377/12		09/01/2012 18:31	1		
LODV 320-3377/13		09/01/2012 19:11	1	A-000017.D	Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: LC10 Start Date: 11/20/2012 21:01

Analysis Batch Number: 6177 End Date: 11/21/2012 17:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD06 320-6177/12 CCVRT		11/20/2012 21:01	1	T-000012.D	Synergi C18 4.6(mm)
CCVL 320-6177/13		11/20/2012 21:41	1	T-000013.D	Synergi C18 4.6(mm)
MB 320-6026/1-A		11/20/2012 22:21	1	T-000014.D	Synergi C18 4.6(mm)
LCS 320-6026/2-A		11/20/2012 23:02	1	T-000015.D	Synergi C18 4.6(mm)
ZZZZZ		11/20/2012 23:42	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 00:22	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 01:03	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 01:43	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 02:23	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 03:04	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 03:45	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 04:25	1		Synergi C18 4.6(mm)
STD06 320-6177/24 CCVRT		11/21/2012 05:06	1	T-000024.D	Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 05:46	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 06:27	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 07:08	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 07:48	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 08:29	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 09:09	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 09:50	1		Synergi C18 4.6(mm)
ZZZZZ		11/21/2012 10:30	1		Synergi C18 4.6(mm)
240-17422-2	076SS-0020M-0001-SO	11/21/2012 11:11	1	T-000033.D	Synergi C18 4.6(mm)
STD06 320-6177/34 CCVRT		11/21/2012 11:51	1	T-000034.D	Synergi C18 4.6(mm)
240-17422-2 MS	076SS-0020M-0001-SO MS	11/21/2012 12:33	1	T-000035.D	Synergi C18 4.6(mm)
240-17422-2 MSD	076SS-0020M-0001-SO MSD	11/21/2012 13:14	1	T-000036.D	Synergi C18 4.6(mm)
240-17422-3	076SS-0021M-0001-SO	11/21/2012 13:54	1	T-000037.D	Synergi C18 4.6(mm)
240-17422-5	073SS-0002M-0001-SO	11/21/2012 14:34	1	T-000038.D	Synergi C18 4.6(mm)
240-17422-6	073SS-0003M-0001-SO	11/21/2012 15:15	1	T-000039.D	Synergi C18 4.6(mm)
240-17422-6 MS	073SS-0003M-0001-SO MS	11/21/2012 15:55	1	T-000040.D	Synergi C18 4.6(mm)
240-17422-6 MSD	073SS-0003M-0001-SO MSD	11/21/2012 16:35	1	T-000041.D	Synergi C18 4.6(mm)
STD06 320-6177/42 CCVRT		11/21/2012 17:16	1	T-000042.D	Synergi C18 4.6(mm)
CCVL 320-6177/43		11/21/2012 17:56	1	T-000043.D	Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: LC12 Start Date: 10/01/2012 12:30

Analysis Batch Number: 4221 End Date: 10/03/2012 00:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD01 320-4221/2 IC		10/01/2012 12:30	1	C-000004.D	Zorbax CN 4.6(mm)
STD02 320-4221/3 IC		10/01/2012 13:36	1	C-000005.D	Zorbax CN 4.6(mm)
STD03 320-4221/4 IC		10/01/2012 14:41	1	C-000006.D	Zorbax CN 4.6(mm)
STD04 320-4221/5 IC		10/01/2012 15:46	1	C-000007.D	Zorbax CN 4.6(mm)
STD05 320-4221/6 IC		10/01/2012 16:52	1	C-000008.D	Zorbax CN 4.6(mm)
STD06 320-4221/7 IC		10/01/2012 17:57	1	C-000009.D	Zorbax CN 4.6(mm)
STD07 320-4221/8 IC		10/01/2012 19:03	1	C-000010.D	Zorbax CN 4.6(mm)
STD08 320-4221/9 IC		10/01/2012 20:08	1	C-000011.D	Zorbax CN 4.6(mm)
ZZZZZ		10/01/2012 21:13	1		Zorbax CN 4.6(mm)
ZZZZZ		10/01/2012 22:19	1		Zorbax CN 4.6(mm)
ICV 320-4221/12		10/01/2012 23:24	1	C-000014.D	Zorbax CN 4.6(mm)
LODV 320-4221/13		10/02/2012 00:29	1	C-000015.D	Zorbax CN 4.6(mm)
CCV 320-4221/22		10/02/2012 10:17	1		Zorbax CN 4.6(mm)
CCV 320-4221/32		10/02/2012 21:11	1		Zorbax CN 4.6(mm)
CCV 320-4221/35		10/03/2012 00:27	1		Zorbax CN 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: LC12 Start Date: 11/21/2012 15:48

Analysis Batch Number: 6234 End Date: 11/22/2012 12:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD5 320-6234/3 CCVRT		11/21/2012 15:48	1	U000003.D	Zorbax CN 4.6(mm)
CCVL 320-6234/4		11/21/2012 16:53	1	U000004.D	Zorbax CN 4.6(mm)
MB 320-6026/1-A		11/21/2012 17:59	1	U000005.D	Zorbax CN 4.6(mm)
ZZZZZ		11/21/2012 19:04	1		Zorbax CN 4.6(mm)
ZZZZZ		11/21/2012 20:10	1		Zorbax CN 4.6(mm)
ZZZZZ		11/21/2012 21:15	1		Zorbax CN 4.6(mm)
ZZZZZ		11/21/2012 22:21	1		Zorbax CN 4.6(mm)
ZZZZZ		11/21/2012 23:26	1		Zorbax CN 4.6(mm)
ZZZZZ		11/22/2012 00:32	1		Zorbax CN 4.6(mm)
ZZZZZ		11/22/2012 01:37	1		Zorbax CN 4.6(mm)
ZZZZZ		11/22/2012 02:43	1		Zorbax CN 4.6(mm)
STD6 320-6234/14 CCVRT		11/22/2012 03:49	1	U000014.D	Zorbax CN 4.6(mm)
ZZZZZ		11/22/2012 04:54	1		Zorbax CN 4.6(mm)
ZZZZZ		11/22/2012 06:00	1		Zorbax CN 4.6(mm)
240-17422-2	076SS-0020M-0001-SO	11/22/2012 07:05	1	U000017.D	Zorbax CN 4.6(mm)
240-17422-3	076SS-0021M-0001-SO	11/22/2012 08:11	1	U000018.D	Zorbax CN 4.6(mm)
240-17422-5	073SS-0002M-0001-SO	11/22/2012 09:16	1	U000019.D	Zorbax CN 4.6(mm)
240-17422-6	073SS-0003M-0001-SO	11/22/2012 10:22	1	U000020.D	Zorbax CN 4.6(mm)
CCVL 320-6234/21		11/22/2012 11:27	1	U000021.D	Zorbax CN 4.6(mm)
STD6 320-6234/22 CCVRT		11/22/2012 12:33	1	U000022.D	Zorbax CN 4.6(mm)

HPLC/IC BATCH WORKSHEET

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

SDG No.:

Batch Number: 6026 Batch Start Date: 11/16/12 10:46 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 11/19/12 14:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HP34DNTSU 00007	HP8330SP 00008	HPNGSP 00006	HPPETNSP 00005
MB 320-6026/1		8330B, 8330B		10.00 g	80 mL	100 uL			
LCS 320-6026/2		8330B, 8330B		10.00 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17422-P-2	076SS-0020M-0001-SO	8330B, 8330B	T	9.99 g	80 mL	100 uL			
240-17422-P-2 MS	076SS-0020M-0001-SO	8330B, 8330B	T	10.10 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17422-P-2 MSD	076SS-0020M-0001-SO	8330B, 8330B	T	10.08 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17422-F-3	076SS-0021M-0001-SO	8330B, 8330B	T	10.38 g	80 mL	100 uL			
240-17422-F-5	073SS-0002M-0001-SO	8330B, 8330B	T	10.19 g	80 mL	100 uL			
240-17422-P-6	073SS-0003M-0001-SO	8330B, 8330B	T	10.03 g	80 mL	100 uL			
240-17422-P-6 MS	073SS-0003M-0001-SO	8330B, 8330B	T	9.96 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17422-P-6 MSD	073SS-0003M-0001-SO	8330B, 8330B	T	10.17 g	80 mL	100 uL	100 uL	200 uL	200 uL

HPLC/IC BATCH WORKSHEET

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

SDG No.:

Batch Number: 6026 Batch Start Date: 11/16/12 10:46 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 11/19/12 14:35

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	CaCL2_00003
Person's name who did the concentration	HA
Date of Clean up	11-19-12
Analyst performed Clean Up	HA
Diluting Solvent Lot #	1.3G/L CaCL2
Date Dilution Performed	11-19-12
Analytst performing Dilution	HA
Filter Lot #	R2DA02309
Filter Type	.45 FILTER MILLIPORE
Minumum Temperature	0
Prep Solvent Volume Used	20 mL
Person's name who witnessed reagent drop	JR
Blank Sand Lot #	FISHER 120571
Solvent Lot #	HPHOAC/ACN_00002
Solvent Name	0.1% HOAC/ACN
Sonication Start Time	13:30 11-16-12
Sonication Stop Time	07:30 11-17-12
SOP Number	WS-LC-0009
Maximum Temperature	35

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
076SS-0019M-0001-SO	240-17422-1
076SS-0020M-0001-SO	240-17422-2
076SS-0021M-0001-SO	240-17422-3
073SS-0001M-0001-SO	240-17422-4
073SS-0002M-0001-SO	240-17422-5
073SS-0003M-0001-SO	240-17422-6
073SS-0005M-0001-SO	240-17422-8
068SD-0009-0001-SO	240-17422-9
068SD-00010-0001-SO	240-17422-10
068SD-00011-0001-SO	240-17422-11
068SD-00012-0001-SO	240-17422-12
076SW-0013-0001-SW	240-17422-13
076SW-0014-0001-SW	240-17422-14
076SW-0015-0001-SW	240-17422-15

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0019M-0001-SO
Lab Sample ID: 240-17422-1
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/07/2012 15:25
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	11000	8.9	3.6	2.2	mg/Kg			1	6020/DOD
Antimony	0.17	0.18	0.13	0.055	mg/Kg	J		1	6020/DOD
Arsenic	13	0.45	0.13	0.047	mg/Kg			1	6020/DOD
Barium	86	0.45	0.27	0.12	mg/Kg			1	6020/DOD
Beryllium	0.65	0.089	0.0089	0.0031	mg/Kg			1	6020/DOD
Cadmium	0.24	0.18	0.0089	0.0028	mg/Kg			1	6020/DOD
Calcium	2400	180	89	36	mg/Kg			1	6020/DOD
Chromium	20	0.45	0.40	0.14	mg/Kg			1	6020/DOD
Cobalt	8.3	0.089	0.013	0.0040	mg/Kg			1	6020/DOD
Copper	16	0.36	0.27	0.098	mg/Kg			1	6020/DOD
Iron	23000	45	27	9.7	mg/Kg			1	6020/DOD
Lead	62	0.27	0.18	0.063	mg/Kg			1	6020/DOD
Magnesium	2300	89	22	7.9	mg/Kg			1	6020/DOD
Manganese	570	0.45	0.36	0.14	mg/Kg			1	6020/DOD
Nickel	20	0.45	0.22	0.077	mg/Kg			1	6020/DOD
Potassium	1100	89	8.9	3.4	mg/Kg			1	6020/DOD
Selenium	0.58	0.45	0.054	0.018	mg/Kg			1	6020/DOD
Silver	0.17	0.089	0.045	0.014	mg/Kg			1	6020/DOD
Sodium	41	89	36	13	mg/Kg	J		1	6020/DOD
Thallium	0.16	0.18	0.13	0.050	mg/Kg	J		1	6020/DOD
Vanadium	19	0.45	0.089	0.039	mg/Kg			1	6020/DOD
Zinc	100	3.6	1.8	0.89	mg/Kg			1	6020/DOD
Hg	0.13	0.097	0.032	0.014	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0020M-0001-SO
Lab Sample ID: 240-17422-2
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/07/2012 15:50
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	11000	9.3	3.7	2.3	mg/Kg			1	6020/DOD
Antimony	0.17	0.19	0.14	0.057	mg/Kg	J	J	1	6020/DOD
Arsenic	11	0.46	0.14	0.048	mg/Kg			1	6020/DOD
Barium	100	0.46	0.28	0.12	mg/Kg			1	6020/DOD
Beryllium	0.62	0.093	0.0093	0.0032	mg/Kg			1	6020/DOD
Cadmium	0.20	0.19	0.0093	0.0029	mg/Kg			1	6020/DOD
Calcium	1100	190	93	37	mg/Kg			1	6020/DOD
Chromium	16	0.46	0.42	0.15	mg/Kg			1	6020/DOD
Cobalt	9.4	0.093	0.014	0.0042	mg/Kg			1	6020/DOD
Copper	12	0.37	0.28	0.10	mg/Kg			1	6020/DOD
Iron	19000	46	28	10	mg/Kg			1	6020/DOD
Lead	38	0.28	0.19	0.065	mg/Kg			1	6020/DOD
Magnesium	2000	93	23	8.2	mg/Kg			1	6020/DOD
Manganese	760	0.46	0.37	0.15	mg/Kg		J	1	6020/DOD
Nickel	18	0.46	0.23	0.080	mg/Kg			1	6020/DOD
Potassium	830	93	9.3	3.5	mg/Kg			1	6020/DOD
Selenium	0.60	0.46	0.056	0.019	mg/Kg			1	6020/DOD
Silver	0.073	0.093	0.046	0.015	mg/Kg	J		1	6020/DOD
Sodium	31	93	37	13	mg/Kg	J		1	6020/DOD
Thallium	0.21	0.19	0.14	0.052	mg/Kg			1	6020/DOD
Vanadium	18	0.46	0.093	0.040	mg/Kg			1	6020/DOD
Zinc	120	3.7	1.9	0.93	mg/Kg			1	6020/DOD
Hg	0.077	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0021M-0001-SO
Lab Sample ID: 240-17422-3
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/07/2012 15:50
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	10000	8.3	3.3	2.1	mg/Kg			1	6020/DOD
Antimony	0.17	0.17	0.13	0.052	mg/Kg			1	6020/DOD
Arsenic	11	0.42	0.13	0.044	mg/Kg			1	6020/DOD
Barium	88	0.42	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	0.54	0.083	0.0083	0.0029	mg/Kg			1	6020/DOD
Cadmium	0.15	0.17	0.0083	0.0026	mg/Kg	J		1	6020/DOD
Calcium	1100	170	83	33	mg/Kg			1	6020/DOD
Chromium	15	0.42	0.38	0.13	mg/Kg			1	6020/DOD
Cobalt	9.4	0.083	0.013	0.0038	mg/Kg			1	6020/DOD
Copper	12	0.33	0.25	0.092	mg/Kg			1	6020/DOD
Iron	21000	42	25	9.1	mg/Kg			1	6020/DOD
Lead	36	0.25	0.17	0.059	mg/Kg			1	6020/DOD
Magnesium	2100	83	21	7.4	mg/Kg			1	6020/DOD
Manganese	700	0.42	0.33	0.13	mg/Kg			1	6020/DOD
Nickel	18	0.42	0.21	0.072	mg/Kg			1	6020/DOD
Potassium	790	83	8.3	3.1	mg/Kg			1	6020/DOD
Selenium	0.50	0.42	0.050	0.017	mg/Kg			1	6020/DOD
Silver	0.13	0.083	0.042	0.013	mg/Kg			1	6020/DOD
Sodium	26	83	33	12	mg/Kg	J		1	6020/DOD
Thallium	0.17	0.17	0.13	0.047	mg/Kg			1	6020/DOD
Vanadium	18	0.42	0.083	0.036	mg/Kg			1	6020/DOD
Zinc	77	3.3	1.7	0.83	mg/Kg			1	6020/DOD
Hg	0.083	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SS-0001M-0001-SO
Lab Sample ID: 240-17422-4
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 09:15
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	9600	8.9	3.6	2.2	mg/Kg			1	6020/DOD
Antimony	0.19	0.18	0.13	0.055	mg/Kg			1	6020/DOD
Arsenic	18	0.45	0.13	0.047	mg/Kg			1	6020/DOD
Barium	64	0.45	0.27	0.12	mg/Kg			1	6020/DOD
Beryllium	0.62	0.089	0.0089	0.0031	mg/Kg			1	6020/DOD
Cadmium	0.26	0.18	0.0089	0.0028	mg/Kg			1	6020/DOD
Calcium	6900	180	89	36	mg/Kg			1	6020/DOD
Chromium	20	0.45	0.40	0.14	mg/Kg			1	6020/DOD
Cobalt	9.2	0.089	0.013	0.0040	mg/Kg			1	6020/DOD
Copper	24	0.36	0.27	0.098	mg/Kg			1	6020/DOD
Iron	29000	220	130	49	mg/Kg		D	5	6020/DOD
Lead	35	0.27	0.18	0.063	mg/Kg			1	6020/DOD
Magnesium	3300	89	22	7.9	mg/Kg			1	6020/DOD
Manganese	430	0.45	0.36	0.14	mg/Kg			1	6020/DOD
Nickel	28	0.45	0.22	0.077	mg/Kg			1	6020/DOD
Potassium	1200	89	8.9	3.4	mg/Kg			1	6020/DOD
Selenium	0.81	0.45	0.054	0.018	mg/Kg			1	6020/DOD
Silver	0.027	0.089	0.045	0.014	mg/Kg	J		1	6020/DOD
Sodium	81	89	36	13	mg/Kg	J		1	6020/DOD
Thallium	0.19	0.18	0.13	0.050	mg/Kg			1	6020/DOD
Vanadium	16	0.45	0.089	0.039	mg/Kg			1	6020/DOD
Zinc	110	3.6	1.8	0.89	mg/Kg			1	6020/DOD
Hg	0.19	0.086	0.028	0.012	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SS-0002M-0001-SO
Lab Sample ID: 240-17422-5
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 11:00
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	6900	8.4	3.4	2.1	mg/Kg			1	6020/DOD
Antimony	0.087	0.17	0.13	0.052	mg/Kg	J		1	6020/DOD
Arsenic	9.4	0.42	0.13	0.044	mg/Kg			1	6020/DOD
Barium	48	0.42	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	0.49	0.084	0.0084	0.0029	mg/Kg			1	6020/DOD
Cadmium	0.22	0.17	0.0084	0.0026	mg/Kg			1	6020/DOD
Calcium	4400	170	84	34	mg/Kg			1	6020/DOD
Chromium	19	0.42	0.38	0.13	mg/Kg			1	6020/DOD
Cobalt	6.8	0.084	0.013	0.0038	mg/Kg			1	6020/DOD
Copper	13	0.34	0.25	0.092	mg/Kg			1	6020/DOD
Iron	17000	42	25	9.2	mg/Kg			1	6020/DOD
Lead	14	0.25	0.17	0.059	mg/Kg			1	6020/DOD
Magnesium	2300	84	21	7.5	mg/Kg			1	6020/DOD
Manganese	380	0.42	0.34	0.13	mg/Kg			1	6020/DOD
Nickel	22	0.42	0.21	0.073	mg/Kg			1	6020/DOD
Potassium	950	84	8.4	3.2	mg/Kg			1	6020/DOD
Selenium	0.47	0.42	0.050	0.017	mg/Kg			1	6020/DOD
Silver	0.38	0.084	0.042	0.013	mg/Kg			1	6020/DOD
Sodium	42	84	34	12	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.17	0.13	0.047	mg/Kg	J		1	6020/DOD
Vanadium	11	0.42	0.084	0.036	mg/Kg			1	6020/DOD
Zinc	64	3.4	1.7	0.84	mg/Kg			1	6020/DOD
Hg	0.051	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SS-0003M-0001-SO
Lab Sample ID: 240-17422-6
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 11:00
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	6600	9.4	3.8	2.3	mg/Kg		J	1	6020/DOD
Antimony	0.098	0.19	0.14	0.058	mg/Kg	J	J	1	6020/DOD
Arsenic	9.7	0.47	0.14	0.049	mg/Kg			1	6020/DOD
Barium	49	0.47	0.28	0.12	mg/Kg			1	6020/DOD
Beryllium	0.47	0.094	0.0094	0.0033	mg/Kg			1	6020/DOD
Cadmium	0.21	0.19	0.0094	0.0029	mg/Kg			1	6020/DOD
Calcium	4700	190	94	38	mg/Kg			1	6020/DOD
Chromium	17	0.47	0.42	0.15	mg/Kg			1	6020/DOD
Cobalt	7.1	0.094	0.014	0.0042	mg/Kg			1	6020/DOD
Copper	14	0.38	0.28	0.10	mg/Kg			1	6020/DOD
Iron	18000	47	28	10	mg/Kg		J	1	6020/DOD
Lead	15	0.28	0.19	0.067	mg/Kg			1	6020/DOD
Magnesium	2300	94	24	8.4	mg/Kg			1	6020/DOD
Manganese	410	0.47	0.38	0.15	mg/Kg		J	1	6020/DOD
Nickel	22	0.47	0.24	0.082	mg/Kg			1	6020/DOD
Potassium	840	94	9.4	3.5	mg/Kg			1	6020/DOD
Selenium	0.44	0.47	0.057	0.020	mg/Kg	J		1	6020/DOD
Silver	0.44	0.094	0.047	0.015	mg/Kg			1	6020/DOD
Sodium	40	94	38	13	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.19	0.14	0.053	mg/Kg	J		1	6020/DOD
Vanadium	11	0.47	0.094	0.041	mg/Kg			1	6020/DOD
Zinc	64	3.8	1.9	0.94	mg/Kg			1	6020/DOD
Hg	0.053	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 073SS-0005M-0001-SO
Lab Sample ID: 240-17422-8
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 10:30
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	16000	87	35	22	mg/Kg		D	10	6020/DOD
Antimony	1.3	1.7	1.3	0.54	mg/Kg	U		10	6020/DOD
Arsenic	28	4.3	1.3	0.45	mg/Kg		D	10	6020/DOD
Barium	160	4.3	2.6	1.1	mg/Kg		D	10	6020/DOD
Beryllium	3.3	0.87	0.087	0.030	mg/Kg		D	10	6020/DOD
Cadmium	0.61	1.7	0.087	0.027	mg/Kg	J	D	10	6020/DOD
Calcium	62000	1700	870	350	mg/Kg		D	10	6020/DOD
Chromium	13	4.3	3.9	1.4	mg/Kg		D	10	6020/DOD
Cobalt	8.7	0.87	0.13	0.039	mg/Kg		D	10	6020/DOD
Copper	16	3.5	2.6	0.96	mg/Kg		D	10	6020/DOD
Iron	16000	430	260	95	mg/Kg		D	10	6020/DOD
Lead	26	2.6	1.7	0.61	mg/Kg		D	10	6020/DOD
Magnesium	9800	870	220	77	mg/Kg		D	10	6020/DOD
Manganese	1900	4.3	3.5	1.4	mg/Kg		D	10	6020/DOD
Nickel	24	4.3	2.2	0.75	mg/Kg		D	10	6020/DOD
Potassium	1000	870	87	33	mg/Kg		D	10	6020/DOD
Selenium	2.3	4.3	0.52	0.18	mg/Kg	J	D	10	6020/DOD
Silver	0.43	0.87	0.43	0.14	mg/Kg	U		10	6020/DOD
Sodium	410	870	350	120	mg/Kg	J	D	10	6020/DOD
Thallium	1.3	1.7	1.3	0.49	mg/Kg	U		10	6020/DOD
Vanadium	6.5	4.3	0.87	0.38	mg/Kg		D	10	6020/DOD
Zinc	99	35	17	8.7	mg/Kg		D	10	6020/DOD
Hg	0.093	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SD-0009-0001-SO
Lab Sample ID: 240-17422-9
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 12:35
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	12000	9.6	3.8	2.4	mg/Kg		J	1	6020/DOD
Antimony	0.13	0.19	0.14	0.060	mg/Kg	J	J	1	6020/DOD
Arsenic	16	0.48	0.14	0.050	mg/Kg			1	6020/DOD
Barium	78	0.48	0.29	0.13	mg/Kg			1	6020/DOD
Beryllium	0.76	0.096	0.0096	0.0034	mg/Kg			1	6020/DOD
Cadmium	0.61	0.19	0.0096	0.0030	mg/Kg			1	6020/DOD
Calcium	1500	190	96	39	mg/Kg			1	6020/DOD
Chromium	21	0.48	0.43	0.15	mg/Kg			1	6020/DOD
Cobalt	12	0.096	0.014	0.0043	mg/Kg			1	6020/DOD
Copper	30	0.38	0.29	0.11	mg/Kg			1	6020/DOD
Iron	26000	48	29	10	mg/Kg		J	1	6020/DOD
Lead	23	0.29	0.19	0.068	mg/Kg			1	6020/DOD
Magnesium	2400	96	24	8.6	mg/Kg			1	6020/DOD
Manganese	1200	9.6	7.7	3.1	mg/Kg		D J	20	6020/DOD
Nickel	24	0.48	0.24	0.083	mg/Kg			1	6020/DOD
Potassium	790	96	9.6	3.6	mg/Kg			1	6020/DOD
Selenium	0.80	0.48	0.058	0.020	mg/Kg			1	6020/DOD
Silver	0.056	0.096	0.048	0.015	mg/Kg	J		1	6020/DOD
Sodium	47	96	38	13	mg/Kg	J		1	6020/DOD
Thallium	0.22	0.19	0.14	0.054	mg/Kg			1	6020/DOD
Vanadium	19	0.48	0.096	0.042	mg/Kg			1	6020/DOD
Zinc	160	3.8	1.9	0.96	mg/Kg			1	6020/DOD
Hg	0.079	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SD-00010-0001-SO
Lab Sample ID: 240-17422-10
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 12:35
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	13000	8.2	3.3	2.0	mg/Kg			1	6020/DOD
Antimony	0.13	0.16	0.12	0.051	mg/Kg	J		1	6020/DOD
Arsenic	16	0.41	0.12	0.043	mg/Kg			1	6020/DOD
Barium	75	0.41	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	0.74	0.082	0.0082	0.0029	mg/Kg			1	6020/DOD
Cadmium	0.49	0.16	0.0082	0.0025	mg/Kg			1	6020/DOD
Calcium	1200	160	82	33	mg/Kg			1	6020/DOD
Chromium	22	0.41	0.37	0.13	mg/Kg			1	6020/DOD
Cobalt	12	0.082	0.012	0.0037	mg/Kg			1	6020/DOD
Copper	27	0.33	0.25	0.090	mg/Kg			1	6020/DOD
Iron	30000	200	120	45	mg/Kg		D	5	6020/DOD
Lead	21	0.25	0.16	0.058	mg/Kg			1	6020/DOD
Magnesium	2400	82	20	7.3	mg/Kg			1	6020/DOD
Manganese	770	0.41	0.33	0.13	mg/Kg			1	6020/DOD
Nickel	25	0.41	0.20	0.071	mg/Kg			1	6020/DOD
Potassium	790	82	8.2	3.1	mg/Kg			1	6020/DOD
Selenium	0.78	0.41	0.049	0.017	mg/Kg			1	6020/DOD
Silver	0.050	0.082	0.041	0.013	mg/Kg	J		1	6020/DOD
Sodium	43	82	33	11	mg/Kg	J		1	6020/DOD
Thallium	0.23	0.16	0.12	0.046	mg/Kg			1	6020/DOD
Vanadium	19	0.41	0.082	0.035	mg/Kg			1	6020/DOD
Zinc	130	3.3	1.6	0.82	mg/Kg			1	6020/DOD
Hg	0.078	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SD-00011-0001-SO
Lab Sample ID: 240-17422-11
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 12:42
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	8300	9.8	3.9	2.4	mg/Kg			1	6020/DOD
Antimony	0.11	0.20	0.15	0.061	mg/Kg	J		1	6020/DOD
Arsenic	9.6	0.49	0.15	0.051	mg/Kg			1	6020/DOD
Barium	76	0.49	0.29	0.13	mg/Kg			1	6020/DOD
Beryllium	0.49	0.098	0.0098	0.0034	mg/Kg			1	6020/DOD
Cadmium	0.26	0.20	0.0098	0.0030	mg/Kg			1	6020/DOD
Calcium	1300	200	98	39	mg/Kg			1	6020/DOD
Chromium	12	0.49	0.44	0.16	mg/Kg			1	6020/DOD
Cobalt	8.3	0.098	0.015	0.0044	mg/Kg			1	6020/DOD
Copper	12	0.39	0.29	0.11	mg/Kg			1	6020/DOD
Iron	22000	49	29	11	mg/Kg			1	6020/DOD
Lead	20	0.29	0.20	0.069	mg/Kg			1	6020/DOD
Magnesium	1600	98	25	8.7	mg/Kg			1	6020/DOD
Manganese	480	0.49	0.39	0.16	mg/Kg			1	6020/DOD
Nickel	14	0.49	0.25	0.085	mg/Kg			1	6020/DOD
Potassium	500	98	9.8	3.7	mg/Kg			1	6020/DOD
Selenium	0.58	0.49	0.059	0.020	mg/Kg			1	6020/DOD
Silver	0.044	0.098	0.049	0.016	mg/Kg	J		1	6020/DOD
Sodium	38	98	39	14	mg/Kg	J		1	6020/DOD
Thallium	0.17	0.20	0.15	0.055	mg/Kg	J		1	6020/DOD
Vanadium	15	0.49	0.098	0.042	mg/Kg			1	6020/DOD
Zinc	56	3.9	2.0	0.98	mg/Kg			1	6020/DOD
Hg	0.088	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SD-00012-0001-SO
Lab Sample ID: 240-17422-12
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 12:35
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	11000	8.7	3.5	2.2	mg/Kg			1	6020/DOD
Antimony	0.099	0.17	0.13	0.054	mg/Kg	J		1	6020/DOD
Arsenic	8.8	0.43	0.13	0.045	mg/Kg			1	6020/DOD
Barium	57	0.43	0.26	0.11	mg/Kg			1	6020/DOD
Beryllium	0.49	0.087	0.0087	0.0030	mg/Kg			1	6020/DOD
Cadmium	0.089	0.17	0.0087	0.0027	mg/Kg	J		1	6020/DOD
Calcium	1100	170	87	35	mg/Kg			1	6020/DOD
Chromium	20	0.43	0.39	0.14	mg/Kg			1	6020/DOD
Cobalt	7.2	0.087	0.013	0.0039	mg/Kg			1	6020/DOD
Copper	13	0.35	0.26	0.096	mg/Kg			1	6020/DOD
Iron	21000	43	26	9.5	mg/Kg			1	6020/DOD
Lead	18	0.26	0.17	0.061	mg/Kg			1	6020/DOD
Magnesium	2100	87	22	7.7	mg/Kg			1	6020/DOD
Manganese	300	0.43	0.35	0.14	mg/Kg			1	6020/DOD
Nickel	16	0.43	0.22	0.075	mg/Kg			1	6020/DOD
Potassium	670	87	8.7	3.3	mg/Kg			1	6020/DOD
Selenium	0.50	0.43	0.052	0.018	mg/Kg			1	6020/DOD
Silver	0.033	0.087	0.043	0.014	mg/Kg	J		1	6020/DOD
Sodium	53	87	35	12	mg/Kg	J		1	6020/DOD
Thallium	0.17	0.17	0.13	0.049	mg/Kg			1	6020/DOD
Vanadium	20	0.43	0.087	0.038	mg/Kg			1	6020/DOD
Zinc	44	3.5	1.7	0.87	mg/Kg			1	6020/DOD
Hg	0.063	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SW-0013-0001-SW
Lab Sample ID: 240-17422-13
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Water
Date Sampled: 11/08/2012 14:30
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 076SW-0013-0001-SW
Lab Sample ID: 240-17422-13
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Water
Date Sampled: 11/08/2012 14:30
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	170	60	60	20	ug/L			1	6020/DOD
Antimony	0.42	2.0	0.50	0.21	ug/L	J		1	6020/DOD
Arsenic	0.67	5.0	1.0	0.44	ug/L	J		1	6020/DOD
Barium	22	5.0	4.0	1.6	ug/L			1	6020/DOD
Beryllium	0.50	1.0	0.50	0.50	ug/L	U		1	6020/DOD
Cadmium	0.40	2.0	0.40	0.40	ug/L	U		1	6020/DOD
Calcium	48000	2000	1000	540	ug/L			1	6020/DOD
Chromium	1.5	2.0	1.5	0.53	ug/L	U		1	6020/DOD
Cobalt	0.20	1.0	0.20	0.20	ug/L	U		1	6020/DOD
Copper	4.0	4.0	4.0	1.4	ug/L	U		1	6020/DOD
Iron	440	150	100	44	ug/L			1	6020/DOD
Lead	0.32	1.0	0.50	0.20	ug/L	J		1	6020/DOD
Magnesium	11000	1000	300	120	ug/L			1	6020/DOD
Manganese	98	5.0	3.0	1.1	ug/L			1	6020/DOD
Nickel	1.5	5.0	1.5	0.62	ug/L	U		1	6020/DOD
Potassium	2800	1000	50	16	ug/L			1	6020/DOD
Selenium	0.43	5.0	0.50	0.20	ug/L	J		1	6020/DOD
Silver	0.25	1.0	0.25	0.080	ug/L	U		1	6020/DOD
Sodium	4800	1000	400	160	ug/L			1	6020/DOD
Thallium	0.82	2.0	1.0	0.32	ug/L	J		1	6020/DOD
Vanadium	1.5	5.0	1.5	0.51	ug/L	U		1	6020/DOD
Zinc	20	40	20	8.8	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SW-0014-0001-SW
Lab Sample ID: 240-17422-14
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Water
Date Sampled: 11/08/2012 14:30
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 076SW-0014-0001-SW
Lab Sample ID: 240-17422-14
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Water
Date Sampled: 11/08/2012 14:30
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	87	60	60	20	ug/L			1	6020/DOD
Antimony	0.50	2.0	0.50	0.21	ug/L	U		1	6020/DOD
Arsenic	0.54	5.0	1.0	0.44	ug/L	J		1	6020/DOD
Barium	21	5.0	4.0	1.6	ug/L			1	6020/DOD
Beryllium	0.50	1.0	0.50	0.50	ug/L	U		1	6020/DOD
Cadmium	0.40	2.0	0.40	0.40	ug/L	U		1	6020/DOD
Calcium	46000	2000	1000	540	ug/L			1	6020/DOD
Chromium	1.5	2.0	1.5	0.53	ug/L	U		1	6020/DOD
Cobalt	0.20	1.0	0.20	0.20	ug/L	U		1	6020/DOD
Copper	4.0	4.0	4.0	1.4	ug/L	U		1	6020/DOD
Iron	310	150	100	44	ug/L			1	6020/DOD
Lead	0.22	1.0	0.50	0.20	ug/L	J		1	6020/DOD
Magnesium	10000	1000	300	120	ug/L			1	6020/DOD
Manganese	100	5.0	3.0	1.1	ug/L			1	6020/DOD
Nickel	1.5	5.0	1.5	0.62	ug/L	U		1	6020/DOD
Potassium	2800	1000	50	16	ug/L			1	6020/DOD
Selenium	0.50	5.0	0.50	0.20	ug/L	U		1	6020/DOD
Silver	0.25	1.0	0.25	0.080	ug/L	U		1	6020/DOD
Sodium	4500	1000	400	160	ug/L			1	6020/DOD
Thallium	0.33	2.0	1.0	0.32	ug/L	J		1	6020/DOD
Vanadium	1.5	5.0	1.5	0.51	ug/L	U		1	6020/DOD
Zinc	20	40	20	8.8	ug/L	U		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SW-0015-0001-SW
Lab Sample ID: 240-17422-15
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Water
Date Sampled: 11/08/2012 15:00
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.20	0.20	0.20	0.12	ug/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 076SW-0015-0001-SW
Lab Sample ID: 240-17422-15
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG ID.:
Matrix: Water
Date Sampled: 11/08/2012 15:00
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	68	60	60	20	ug/L			1	6020/DOD
Antimony	0.50	2.0	0.50	0.21	ug/L	U		1	6020/DOD
Arsenic	0.50	5.0	1.0	0.44	ug/L	J		1	6020/DOD
Barium	25	5.0	4.0	1.6	ug/L			1	6020/DOD
Beryllium	0.50	1.0	0.50	0.50	ug/L	U		1	6020/DOD
Cadmium	0.40	2.0	0.40	0.40	ug/L	U		1	6020/DOD
Calcium	40000	2000	1000	540	ug/L			1	6020/DOD
Chromium	1.5	2.0	1.5	0.53	ug/L	U		1	6020/DOD
Cobalt	0.20	1.0	0.20	0.20	ug/L	U		1	6020/DOD
Copper	1.9	4.0	4.0	1.4	ug/L	J		1	6020/DOD
Iron	260	150	100	44	ug/L			1	6020/DOD
Lead	0.25	1.0	0.50	0.20	ug/L	J		1	6020/DOD
Magnesium	9300	1000	300	120	ug/L			1	6020/DOD
Manganese	48	5.0	3.0	1.1	ug/L			1	6020/DOD
Nickel	0.67	5.0	1.5	0.62	ug/L	J		1	6020/DOD
Potassium	2400	1000	50	16	ug/L			1	6020/DOD
Selenium	0.50	5.0	0.50	0.20	ug/L	U		1	6020/DOD
Silver	0.25	1.0	0.25	0.080	ug/L	U		1	6020/DOD
Sodium	10000	1000	400	160	ug/L			1	6020/DOD
Thallium	1.0	2.0	1.0	0.32	ug/L	U		1	6020/DOD
Vanadium	1.5	5.0	1.5	0.51	ug/L	U		1	6020/DOD
Zinc	11	40	20	8.8	ug/L	J		1	6020/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	ICV 240-66205/5 11/23/2012 09:52				CCV 240-66205/58 11/23/2012 14:48				CCV 240-66205/70 11/23/2012 15:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	414		400	103	517		500	103	521		500	104
Antimony	82.5		80.0	103	104		100	104	106		100	106
Arsenic	79.8		80.0	100	98.9		100	99	98.4		100	98
Barium	80.3		80.0	100	101		100	101	101		100	101
Beryllium	82.5		80.0	103	102		100	102	101		100	101
Cadmium	83.4		80.0	104	107		100	107	106		100	106
Calcium	40000		40000	100	48700		50000	97	48300		50000	97
Chromium	80.2		80.0	100	99.8		100	100	98.3		100	98
Cobalt	79.9		80.0	100	99.4		100	99	97.8		100	98
Copper	82.3		80.0	103	101		100	101	99.4		100	99
Iron	20300		20000	101	26300		25000	105	26300		25000	105
Lead	80.4		80.0	101	105		100	105	105		100	105
Magnesium	41300		40000	103	52200		50000	104	52000		50000	104
Manganese	405		400	101	499		500	100	490		500	98
Nickel	81.0		80.0	101	99.0		100	99	99.0		100	99
Potassium	40000		40000	100	51900		50000	104	52300		50000	105
Selenium	82.2		80.0	103	102		100	102	101		100	101
Silver	83.7		80.0	105	105		100	105	104		100	104
Sodium	40900		40000	102	52000		50000	104	51700		50000	103
Thallium	84.4		80.0	105	104		100	104	103		100	103
Vanadium	79.5		80.0	99	99.0		100	99	97.1		100	97
Zinc	86.5		80.0	108	104		100	104	103		100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	CCV 240-66205/82 11/23/2012 17:00				CCV 240-66205/94 11/23/2012 18:04							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	520		500	104	525		500	105				
Antimony	104		100	104	106		100	106				
Arsenic	98.7		100	99	98.6		100	99				
Barium	102		100	102	103		100	103				
Beryllium	104		100	104	103		100	103				
Cadmium	106		100	106	108		100	108				
Calcium	48400		50000	97	48400		50000	97				
Chromium	98.3		100	98	99.4		100	99				
Cobalt	98.1		100	98	97.6		100	98				
Copper	99.5		100	99	99.6		100	100				
Iron	26200		25000	105	26400		25000	106				
Lead	106		100	106	106		100	106				
Magnesium	51400		50000	103	52300		50000	105				
Manganese	501		500	100	500		500	100				
Nickel	98.3		100	98	98.6		100	99				
Potassium	52100		50000	104	53200		50000	106				
Selenium	100		100	100	101		100	101				
Silver	105		100	105	106		100	106				
Sodium	51400		50000	103	51800		50000	104				
Thallium	103		100	103	104		100	104				
Vanadium	97.7		100	98	98.3		100	98				
Zinc	103		100	103	104		100	104				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	ICV 240-66869/5 11/29/2012 10:23				CCV 240-66869/202 11/30/2012 05:38							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	19800		20000	99	27000		25000	108				
Aluminum	402		400	101	549		500	110				
Antimony	82.0		80.0	103	108		100	108				
Arsenic	78.6		80.0	98	94.9		100	95				
Barium	79.5		80.0	99	101		100	101				
Beryllium	81.4		80.0	102	112		100	112				
Cadmium	81.7		80.0	102	105		100	105				
Calcium	40500		40000	101	53700		50000	107				
Chromium	79.5		80.0	99	96.8		100	97				
Cobalt	79.8		80.0	100	94.1		100	94				
Copper	82.7		80.0	103	92.9		100	93				
Lead	79.5		80.0	99	102		100	102				
Magnesium	40900		40000	102	56500		50000	113				
Manganese	403		400	101	559		500	112				
Nickel	80.7		80.0	101	93.2		100	93				
Potassium	40100		40000	100	57300		50000	115				
Selenium	78.7		80.0	98	100		100	100				
Silver	83.3		80.0	104	99.7		100	100				
Sodium	40200		40000	100	50800		50000	102				
Thallium	73.9		80.0	92	90.7		100	91				
Vanadium	78.9		80.0	99	95.6		100	96				
Zinc	82.3		80.0	103	106		100	106				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	ICV 240-66869/5 11/29/2012 10:23				CCV 240-66869/209 11/30/2012 06:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Iron	19800		20000	99	26700		25000	107				
Aluminum	402		400	101	513		500	103				
Antimony	82.0		80.0	103	104		100	104				
Arsenic	78.6		80.0	98	91.9		100	92				
Barium	79.5		80.0	99	98.1		100	98				
Beryllium	81.4		80.0	102	109		100	109				
Cadmium	81.7		80.0	102	102		100	102				
Calcium	40500		40000	101	51900		50000	104				
Chromium	79.5		80.0	99	94.7		100	95				
Cobalt	79.8		80.0	100	91.6		100	92				
Copper	82.7		80.0	103	90.3		100	90				
Lead	79.5		80.0	99	98.2		100	98				
Magnesium	40900		40000	102	55500		50000	111				
Manganese	403		400	101	544		500	109				
Nickel	80.7		80.0	101	90.0		100	90				
Potassium	40100		40000	100	55900		50000	112				
Selenium	78.7		80.0	98	97.8		100	98				
Silver	83.3		80.0	104	96.7		100	97				
Sodium	40200		40000	100	49700		50000	99				
Thallium	73.9		80.0	92	88.7		100	89				
Vanadium	78.9		80.0	99	93.6		100	94				
Zinc	82.3		80.0	103	98.6		100	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	ICV 240-67023/5 11/30/2012 09:51				CCV 240-67023/19 11/30/2012 11:11				CCV 240-67023/30 11/30/2012 12:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	407		400	102	498		500	100	502		500	100
Aluminum	407		400	102	496		500	99	493		500	99
Antimony	81.9		80.0	102	99.7		100	100	102		100	102
Arsenic	78.9		80.0	99	98.6		100	99	98.2		100	98
Barium	79.1		80.0	99	97.1		100	97	96.7		100	97
Beryllium	80.9		80.0	101	97.7		100	98	96.0		100	96
Cadmium	81.3		80.0	102	100		100	100	99.7		100	100
Calcium	39900		40000	100	49800		50000	100	49700		50000	99
Chromium	79.9		80.0	100	99.0		100	99	99.4		100	99
Cobalt	79.9		80.0	100	99.6		100	100	99.8		100	100
Copper	81.5		80.0	102	100		100	100	102		100	102
Iron	20000		20000	100	24900		25000	99	25200		25000	101
Lead	82.8		80.0	104	101		100	101	102		100	102
Magnesium	40600		40000	102	50500		50000	101	51000		50000	102
Nickel	80.3		80.0	100	101		100	101	101		100	101
Potassium	39600		40000	99	49900		50000	100	50200		50000	100
Selenium	81.2		80.0	102	99.2		100	99	98.6		100	99
Silver	82.0		80.0	102	101		100	101	100		100	100
Sodium	40600		40000	101	50200		50000	100	51100		50000	102
Thallium	74.1		80.0	93	91.0		100	91	92.6		100	93
Vanadium	78.9		80.0	99	97.6		100	98	97.7		100	98
Zinc	82.3		80.0	103	102		100	102	101		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	CCV 240-67023/38 11/30/2012 12:58											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	501		500	100								
Aluminum	501		500	100								
Antimony	100		100	100								
Arsenic	99.0		100	99								
Barium	97.0		100	97								
Beryllium	97.2		100	97								
Cadmium	99.7		100	100								
Calcium	49900		50000	100								
Chromium	99.8		100	100								
Cobalt	100		100	100								
Copper	102		100	102								
Iron	25300		25000	101								
Lead	102		100	102								
Magnesium	50600		50000	101								
Nickel	102		100	102								
Potassium	50200		50000	100								
Selenium	101		100	101								
Silver	101		100	101								
Sodium	50700		50000	101								
Thallium	92.1		100	92								
Vanadium	98.4		100	98								
Zinc	105		100	105								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	ICV 240-68088/5 12/10/2012 09:08				CCV 240-68088/20 12/10/2012 10:42				CCV 240-68088/32 12/10/2012 11:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	399		400	100	530		500	106	549		500	110
Antimony	82.1		80.0	103	101		100	101	102		100	102
Arsenic	81.0		80.0	101	102		100	102	102		100	102
Barium	80.5		80.0	101	101		100	101	101		100	101
Beryllium	81.9		80.0	102	101		100	101	98.9		100	99
Cadmium	83.0		80.0	104	104		100	104	104		100	104
Calcium	40500		40000	101	51000		50000	102	50900		50000	102
Chromium	81.5		80.0	102	102		100	102	102		100	102
Cobalt	81.0		80.0	101	103		100	103	102		100	102
Copper	83.4		80.0	104	105		100	105	104		100	104
Iron	20300		20000	102	25600		25000	102	26000		25000	104
Lead	83.8		80.0	105	105		100	105	105		100	105
Magnesium	40600		40000	101	51300		50000	103	52000		50000	104
Manganese	413		400	103	517		500	103	515		500	103
Nickel	82.4		80.0	103	104		100	104	103		100	103
Potassium	40300		40000	101	50500		50000	101	51100		50000	102
Selenium	81.0		80.0	101	101		100	101	101		100	101
Silver	83.4		80.0	104	104		100	104	105		100	105
Sodium	40600		40000	102	51600		50000	103	52100		50000	104
Thallium	82.3		80.0	103	104		100	104	103		100	103
Vanadium	80.0		80.0	100	99.9		100	100	101		100	101
Zinc	84.8		80.0	106	105		100	105	104		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	CCV 240-68088/39 12/10/2012 12:34											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	513		500	103								
Antimony	103		100	103								
Arsenic	102		100	102								
Barium	102		100	102								
Beryllium	99.5		100	99								
Cadmium	105		100	105								
Calcium	50800		50000	102								
Chromium	101		100	101								
Cobalt	102		100	102								
Copper	104		100	104								
Iron	26100		25000	104								
Lead	107		100	107								
Magnesium	52300		50000	105								
Manganese	513		500	103								
Nickel	104		100	104								
Potassium	52100		50000	104								
Selenium	102		100	102								
Silver	105		100	105								
Sodium	51600		50000	103								
Thallium	102		100	102								
Vanadium	99.8		100	100								
Zinc	105		100	105								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTHGICVW_00428 Concentration Units: ug/L

CCV Source: MTHGCALW_00280

Analyte	ICV 240-65225/7-A 11/16/2012 09:12				CCV 240-65225/10-A 11/16/2012 18:44				CCV 240-65225/10-A 11/16/2012 19:01			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	2.38		2.50	95	5.05		5.00	101	5.03		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTHGICVW_00428 Concentration Units: ug/L

CCV Source: MTHGCALW_00280

Analyte	CCV 240-65225/10-A 11/16/2012 19:18				CCV 240-65225/10-A 11/16/2012 19:36				CCV 240-65225/10-A 11/16/2012 19:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.06		5.00	101	5.05		5.00	101	5.05		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTHGICVW_00435 Concentration Units: ug/L

CCV Source: MTHGCALW_00283

Analyte	ICV 240-66340/7-A 11/27/2012 10:32				CCVL 240-66340/10-A 11/27/2012 11:33				CCV 240-66340/11-A 11/27/2012 15:52			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.38		2.50	95	4.99		5.00	100	5.17		5.00	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

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

SDG No.:

ICV Source: MTHGICVW_00435 Concentration Units: ug/L

CCV Source: MTHGCALW_00283

Analyte	CCV 240-66340/11-A 11/27/2012 16:21				CCV 240-66340/11-A 11/27/2012 16:50							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.13		5.00	103	5.12		5.00	102				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-66205/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	53.7	J	107	70-130
Antimony	2.00	2.04		102	70-130
Arsenic	2.00	2.02	J	101	70-130
Barium	1.00	3.0	U	114	70-130
Beryllium	1.00	0.986	J	99	70-130
Cadmium	0.500	0.507	J	101	70-130
Calcium	1000	990	J	99	70-130
Chromium	2.00	1.95	J	98	70-130
Cobalt	1.00	1.02		102	70-130
Copper	2.00	2.23	J	112	70-130
Iron	50.0	57.4	J	115	70-130
Lead	1.00	0.974	J	97	70-130
Magnesium	1000	1050		105	70-130
Manganese	1.00	3.0	U	107	70-130
Nickel	2.00	2.08	J	104	70-130
Potassium	1000	1030		103	70-130
Selenium	2.00	2.03	J	101	70-130
Silver	0.500	0.551	J	110	70-130
Sodium	1000	1070		107	70-130
Thallium	1.00	1.21	J	121	70-130
Vanadium	5.00	5.00		100	70-130
Zinc	10.0	10.7	J	107	70-130

Lab Sample ID: CRI 240-66205/101 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	53.2	J	106	70-130
Antimony	2.00	2.16		108	70-130
Arsenic	2.00	2.03	J	101	70-130
Barium	1.00	3.0	U	103	70-130
Beryllium	1.00	1.11		111	70-130
Cadmium	0.500	0.577	J	115	70-130
Calcium	1000	967	J	97	70-130
Chromium	2.00	1.85	J	93	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-66205/101 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	1.00	1.01		101	70-130
Copper	2.00	2.27	J	113	70-130
Iron	50.0	70.5	J	141	70-130
Lead	1.00	1.09		109	70-130
Magnesium	1000	1100		110	70-130
Manganese	1.00	1.28	J	128	70-130
Nickel	2.00	1.98	J	99	70-130
Potassium	1000	1080		108	70-130
Selenium	2.00	2.09	J	105	70-130
Silver	0.500	0.588	J	118	70-130
Sodium	1000	1080		108	70-130
Thallium	1.00	1.20	J	120	70-130
Vanadium	5.00	4.77	J	95	70-130
Zinc	10.0	11.1	J	111	70-130

Lab Sample ID: CRI 240-66869/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	50.9	J	102	70-130
Antimony	2.00	2.02		101	70-130
Arsenic	2.00	1.57	J	79	70-130
Barium	1.00	3.0	U	105	70-130
Beryllium	1.00	1.08		108	70-130
Cadmium	0.500	0.509	J	102	70-130
Calcium	1000	984	J	98	70-130
Chromium	2.00	1.74	J	87	70-130
Cobalt	1.00	1.00		100	70-130
Copper	2.00	2.26	J	113	70-130
Iron	50.0	49.7	J	99	70-130
Lead	1.00	0.944	J	94	70-130
Magnesium	1000	1030		103	70-130
Manganese	1.00	3.0	U	100	70-130
Nickel	2.00	2.02	J	101	70-130
Potassium	1000	995	J	99	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-66869/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Selenium	2.00	2.19	J	110	70-130
Silver	0.500	0.584	J	117	70-130
Sodium	1000	918	J	92	70-130
Thallium	1.00	0.991	J	99	70-130
Vanadium	5.00	4.20	J	84	70-130
Zinc	10.0	10.1	J	101	70-130

Lab Sample ID: CRI 240-66869/211 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	58.8	J	118	70-130
Antimony	2.00	2.13		107	70-130
Arsenic	2.00	1.51	J	75	70-130
Barium	1.00	3.0	U	113	70-130
Beryllium	1.00	1.18		118	70-130
Cadmium	0.500	0.601	J	120	70-130
Calcium	1000	1060	J	106	70-130
Chromium	2.00	1.55	J	78	70-130
Cobalt	1.00	0.926	J	93	70-130
Copper	2.00	2.08	J	104	70-130
Iron	50.0	68.5	J	137	70-130
Lead	1.00	0.996	J	100	70-130
Magnesium	1000	1160		116	70-130
Manganese	1.00	1.30	J	130	70-130
Nickel	2.00	1.94	J	97	70-130
Potassium	1000	1020		102	70-130
Selenium	2.00	2.19	J	110	70-130
Silver	0.500	0.570	J	114	70-130
Sodium	1000	905	J	91	70-130
Thallium	1.00	0.991	J	99	70-130
Vanadium	5.00	4.11	J	82	70-130
Zinc	10.0	10.7	J	107	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-67023/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	48.6	J	97	70-130
Antimony	2.00	1.94	J	97	70-130
Arsenic	2.00	1.90	J	95	70-130
Barium	1.00	3.0	U	100	70-130
Beryllium	1.00	1.07		107	70-130
Cadmium	0.500	0.476	J	95	70-130
Calcium	1000	979	J	98	70-130
Chromium	2.00	1.79	J	90	70-130
Cobalt	1.00	1.03		103	70-130
Copper	2.00	2.16	J	108	70-130
Iron	50.0	47.9	J	96	70-130
Lead	1.00	1.08		108	70-130
Magnesium	1000	1020		102	70-130
Manganese	1.00	3.0	U	90	70-130
Nickel	2.00	2.05	J	102	70-130
Potassium	1000	866	J	87	70-130
Selenium	2.00	1.99	J	99	70-130
Silver	0.500	0.539	J	108	70-130
Sodium	1000	891	J	89	70-130
Thallium	1.00	1.12	J	112	70-130
Vanadium	5.00	4.49	J	90	70-130
Zinc	10.0	9.75	J	97	70-130

Lab Sample ID: CRI 240-67023/33 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	55.6	J	111	70-130
Antimony	2.00	3.58		179	70-130
Arsenic	2.00	1.64	J	82	70-130
Barium	1.00	3.0	U	107	70-130
Beryllium	1.00	0.991	J	99	70-130
Cadmium	0.500	0.461	J	92	70-130
Calcium	1000	977	J	98	70-130
Chromium	2.00	1.80	J	90	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-67023/33 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	1.00	1.01		101	70-130
Copper	2.00	2.17	J	108	70-130
Iron	50.0	61.5	J	123	70-130
Lead	1.00	1.11		111	70-130
Magnesium	1000	1060		106	70-130
Manganese	1.00	3.0	U	106	70-130
Nickel	2.00	2.02	J	101	70-130
Potassium	1000	894	J	89	70-130
Selenium	2.00	2.14	J	107	70-130
Silver	0.500	0.527	J	105	70-130
Sodium	1000	916	J	92	70-130
Thallium	1.00	1.03	J	103	70-130
Vanadium	5.00	4.81	J	96	70-130
Zinc	10.0	10.6	J	106	70-130

Lab Sample ID: CRI 240-68088/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	47.9	J	96	70-130
Antimony	2.00	2.06		103	70-130
Arsenic	2.00	1.90	J	95	70-130
Barium	1.00	3.0	U	108	70-130
Beryllium	1.00	1.08		108	70-130
Cadmium	0.500	0.517	J	103	70-130
Calcium	1000	1000	J	100	70-130
Chromium	2.00	2.04		102	70-130
Cobalt	1.00	1.05		105	70-130
Copper	2.00	2.31	J	116	70-130
Iron	50.0	60.6	J	121	70-130
Lead	1.00	1.13		113	70-130
Magnesium	1000	1100		110	70-130
Manganese	1.00	1.17	J	117	70-130
Nickel	2.00	2.05	J	103	70-130
Potassium	1000	1010		101	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-68088/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Selenium	2.00	1.94	J	97	70-130
Silver	0.500	0.602	J	120	70-130
Sodium	1000	1010		101	70-130
Thallium	1.00	1.19	J	119	70-130
Vanadium	5.00	5.01		100	70-130
Zinc	10.0	11.0	J	110	70-130

Lab Sample ID: CRI 240-68088/42 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	47.3	J	95	70-130
Antimony	2.00	2.09		104	70-130
Arsenic	2.00	1.96	J	98	70-130
Barium	1.00	3.0	U	101	70-130
Beryllium	1.00	1.02		102	70-130
Cadmium	0.500	0.517	J	103	70-130
Calcium	1000	990	J	99	70-130
Chromium	2.00	2.02		101	70-130
Cobalt	1.00	1.07		107	70-130
Copper	2.00	2.22	J	111	70-130
Iron	50.0	59.2	J	118	70-130
Lead	1.00	1.12		112	70-130
Magnesium	1000	1080		108	70-130
Manganese	1.00	1.11	J	111	70-130
Nickel	2.00	2.08	J	104	70-130
Potassium	1000	1030		103	70-130
Selenium	2.00	1.92	J	96	70-130
Silver	0.500	0.574	J	115	70-130
Sodium	1000	1010		101	70-130
Thallium	1.00	1.12	J	112	70-130
Vanadium	5.00	4.84	J	97	70-130
Zinc	10.0	10.6	J	106	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 7470A/DOD Instrument ID: H1

Lab Sample ID: CRA 240-66340/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00283

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.166	J	83	

Lab Sample ID: CRA 240-66340/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00283

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.144	J	72	

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

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

SDG No.:

Method: 7471/DOD Instrument ID: H1

Lab Sample ID: CRA 240-65225/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00280

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.209		105	

Lab Sample ID: CRA 240-65225/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00280

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.208		104	

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

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-66205/6 11/23/2012 09:59		CCB 240-66205/59 11/23/2012 14:55		CCB 240-66205/71 11/23/2012 16:04		CCB 240-66205/83 11/23/2012 17:08	
		Found	C	Found	C	Found	C	Found	C
Aluminum	60	40	U	40	U	40	U	40	U
Antimony	2.0	0.50	U	0.50	U	0.342	J	0.50	U
Arsenic	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Barium	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Beryllium	1.0	0.10	U	0.0500	J	0.0670	J	0.0660	J
Cadmium	2.0	0.070	U	0.0270	J	0.0470	J	0.0380	J
Calcium	2000	1000	U	1000	U	1000	U	1000	U
Chromium	2.0	1.5	U	1.5	U	1.5	U	1.5	U
Cobalt	1.0	0.090	U	0.0380	J	0.0430	J	0.0420	J
Copper	4.0	3.0	U	3.0	U	3.0	U	3.0	U
Iron	150	100	U	100	U	100	U	100	U
Lead	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Magnesium	1000	250	U	250	U	250	U	250	U
Manganese	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Nickel	5.0	1.5	U	1.5	U	1.5	U	1.5	U
Potassium	1000	50	U	20.8	J	27.8	J	28.3	J
Selenium	5.0	0.50	U	0.50	U	0.50	U	0.50	U
Silver	1.0	0.25	U	0.25	U	0.25	U	0.25	U
Sodium	1000	400	U	400	U	400	U	400	U
Thallium	2.0	0.350	J	0.346	J	0.448	J	0.396	J
Vanadium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	40	20	U	20	U	20	U	20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-66205/95 11/23/2012 18:11							
		Found	C	Found	C	Found	C	Found	C
Aluminum	60	40	U						
Antimony	2.0	0.50	U						
Arsenic	5.0	1.0	U						
Barium	5.0	3.0	U						
Beryllium	1.0	0.0680	J						
Cadmium	2.0	0.0580	J						
Calcium	2000	1000	U						
Chromium	2.0	1.5	U						
Cobalt	1.0	0.0680	J						
Copper	4.0	3.0	U						
Iron	150	100	U						
Lead	1.0	0.50	U						
Magnesium	1000	250	U						
Manganese	5.0	3.0	U						
Nickel	5.0	1.5	U						
Potassium	1000	30.4	J						
Selenium	5.0	0.50	U						
Silver	1.0	0.25	U						
Sodium	1000	400	U						
Thallium	2.0	0.344	J						
Vanadium	5.0	1.0	U						
Zinc	40	20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-66869/6 11/29/2012 10:30		CCB 240-66869/203 11/30/2012 05:44		CCB 240-66869/210 11/30/2012 06:24			
		Found	C	Found	C	Found	C	Found	C
Iron	150	100	U	55.2	J	45.5	J		
Aluminum	60	40	U	40	U	40	U		
Antimony	2.0	0.50	U	0.233	J	0.50	U		
Arsenic	5.0	1.0	U	1.0	U	1.0	U		
Barium	5.0	3.0	U	3.0	U	3.0	U		
Beryllium	1.0	0.10	U	0.217	J	0.10	U		
Cadmium	2.0	0.070	U	0.183	J	0.0600	J		
Calcium	2000	1000	U	1000	U	1000	U		
Chromium	2.0	1.5	U	1.5	U	1.5	U		
Cobalt	1.0	0.090	U	0.213	J	0.0550	J		
Copper	4.0	3.0	U	3.0	U	3.0	U		
Lead	1.0	0.50	U	0.218	J	0.50	U		
Magnesium	1000	250	U	250	U	250	U		
Manganese	5.0	3.0	U	1.62	J	3.0	U		
Nickel	5.0	1.5	U	1.5	U	1.5	U		
Potassium	1000	50	U	79.9	J	26.7	J		
Selenium	5.0	0.50	U	0.50	U	0.50	U		
Silver	1.0	0.25	U	0.128	J	0.25	U		
Sodium	1000	400	U	400	U	400	U		
Thallium	2.0	1.0	U	0.363	J	1.0	U		
Vanadium	5.0	1.0	U	1.0	U	1.0	U		
Zinc	40	20	U	20	U	20	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-67023/6 11/30/2012 09:58		CCB 240-67023/20 11/30/2012 11:18		CCB 240-67023/31 11/30/2012 12:20		CCB 240-67023/39 11/30/2012 13:04	
		Found	C	Found	C	Found	C	Found	C
Manganese	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Aluminum	60	40	U	40	U	40	U	40	U
Antimony	2.0	0.50	U	0.50	U	1.68	J	0.986	J
Arsenic	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Barium	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Beryllium	1.0	0.10	U	0.10	U	0.0400	J	0.10	U
Cadmium	2.0	0.070	U	0.070	U	0.070	U	0.0310	J
Calcium	2000	1000	U	1000	U	1000	U	1000	U
Chromium	2.0	1.5	U	1.5	U	1.5	U	1.5	U
Cobalt	1.0	0.090	U	0.090	U	0.090	U	0.0300	J
Copper	4.0	3.0	U	3.0	U	3.0	U	3.0	U
Iron	150	100	U	100	U	100	U	100	U
Lead	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Magnesium	1000	250	U	250	U	250	U	250	U
Nickel	5.0	1.5	U	1.5	U	1.5	U	1.5	U
Potassium	1000	50	U	50	U	50	U	50	U
Selenium	5.0	0.50	U	0.50	U	0.50	U	0.50	U
Silver	1.0	0.25	U	0.25	U	0.25	U	0.25	U
Sodium	1000	400	U	400	U	400	U	400	U
Thallium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Vanadium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	40	20	U	20	U	20	U	20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-68088/6 12/10/2012 09:15		CCB 240-68088/21 12/10/2012 10:49		CCB 240-68088/33 12/10/2012 12:02		CCB 240-68088/40 12/10/2012 12:41	
		Found	C	Found	C	Found	C	Found	C
Aluminum	60	40	U	40	U	40	U	40	U
Antimony	2.0	0.50	U	0.50	U	0.298	J	0.50	U
Arsenic	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Barium	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Beryllium	1.0	0.0450	J	0.0810	J	0.101	J	0.140	J
Cadmium	2.0	0.0380	J	0.0820	J	0.140	J	0.131	J
Calcium	2000	1000	U	1000	U	1000	U	1000	U
Chromium	2.0	1.5	U	1.5	U	1.5	U	1.5	U
Cobalt	1.0	0.0400	J	0.123	J	0.162	J	0.162	J
Copper	4.0	3.0	U	3.0	U	3.0	U	3.0	U
Iron	150	100	U	100	U	100	U	100	U
Lead	1.0	0.272	J	0.353	J	0.395	J	0.394	J
Magnesium	1000	250	U	250	U	250	U	250	U
Manganese	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Nickel	5.0	1.5	U	1.5	U	1.5	U	1.5	U
Potassium	1000	50	U	23.4	J	30.6	J	39.5	J
Selenium	5.0	0.50	U	0.50	U	0.229	J	0.50	U
Silver	1.0	0.25	U	0.25	U	0.0820	J	0.0820	J
Sodium	1000	400	U	400	U	400	U	400	U
Thallium	2.0	0.419	J	0.614	J	0.657	J	0.534	J
Vanadium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	40	20	U	20	U	20	U	20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-65225/8-A 11/16/2012 09:14		CCB 240-65225/11-A 11/16/2012 18:45		CCB 240-65225/11-A 11/16/2012 19:03		CCB 240-65225/11-A 11/16/2012 19:20	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-65225/11-A 11/16/2012 19:38		CCB 240-65225/11-A 11/16/2012 19:52					
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

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

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-66340/8-A 11/27/2012 10:34		CCB 240-66340/12-A 11/27/2012 15:55		CCB 240-66340/12-A 11/27/2012 16:23		CCB 240-66340/12-A 11/27/2012 16:52	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

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

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-65198/1-A

Instrument Code: I8 Batch No.: 66205

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	4.0	U		6020_DoD
7440-36-0	Antimony	0.15	U		6020_DoD
7440-38-2	Arsenic	0.15	U		6020_DoD
7440-39-3	Barium	0.30	U		6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-43-9	Cadmium	0.010	U		6020_DoD
7440-70-2	Calcium	100	U		6020_DoD
7440-47-3	Chromium	0.45	U		6020_DoD
7440-48-4	Cobalt	0.015	U		6020_DoD
7440-50-8	Copper	0.30	U		6020_DoD
7439-89-6	Iron	30	U		6020_DoD
7439-92-1	Lead	0.20	U		6020_DoD
7439-95-4	Magnesium	25	U		6020_DoD
7439-96-5	Manganese	0.40	U		6020_DoD
7440-02-0	Nickel	0.25	U		6020_DoD
7440-09-7	Potassium	4.92	J		6020_DoD
7782-49-2	Selenium	0.060	U		6020_DoD
7440-22-4	Silver	0.050	U		6020_DoD
7440-23-5	Sodium	40	U		6020_DoD
7440-28-0	Thallium	0.15	U		6020_DoD
7440-62-2	Vanadium	0.10	U		6020_DoD
7440-66-6	Zinc	2.0	U		6020_DoD

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

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

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 240-65311/1-A

Instrument Code: I8 Batch No.: 68088

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	60	U		6020_DoD
7440-36-0	Antimony	0.50	U		6020_DoD
7440-38-2	Arsenic	1.0	U		6020_DoD
7440-39-3	Barium	4.0	U		6020_DoD
7440-41-7	Beryllium	0.50	U		6020_DoD
7440-43-9	Cadmium	0.40	U		6020_DoD
7440-70-2	Calcium	1000	U		6020_DoD
7440-47-3	Chromium	1.5	U		6020_DoD
7440-48-4	Cobalt	0.20	U		6020_DoD
7440-50-8	Copper	4.0	U		6020_DoD
7439-89-6	Iron	100	U		6020_DoD
7439-92-1	Lead	0.50	U		6020_DoD
7439-95-4	Magnesium	300	U		6020_DoD
7439-96-5	Manganese	3.0	U		6020_DoD
7440-02-0	Nickel	1.5	U		6020_DoD
7440-09-7	Potassium	20.7	J		6020_DoD
7782-49-2	Selenium	0.50	U		6020_DoD
7440-22-4	Silver	0.25	U		6020_DoD
7440-23-5	Sodium	400	U		6020_DoD
7440-28-0	Thallium	0.348	J		6020_DoD
7440-62-2	Vanadium	1.5	U		6020_DoD
7440-66-6	Zinc	10.4	J		6020_DoD

3-IN
METHOD BLANK
METALS

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

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-65204/1-A

Instrument Code: H1 Batch No.: 65450

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Hg	0.0276	J		7471_DOD

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSA 240-66205/8 Instrument ID: I8

Lab File ID: I8112312A.csv ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**50000**	**50100**	**100**
Antimony		**0.195**	
Arsenic		**0.353**	
Barium		**0.0430**	
Beryllium		**0.0070**	
Cadmium		**-0.0790**	
Calcium	**50000**	**50380**	**101**
Chromium		**0.513**	
Cobalt		**0.0890**	
Copper		**0.321**	
Iron	**50000**	**50610**	**101**
Lead		**0.167**	
Magnesium	**50000**	**51640**	**103**
Manganese		**0.0820**	
Nickel		**0.345**	
Potassium	**50000**	**50000**	**100**
Selenium		**-0.0360**	
Silver		**0.0270**	
Sodium	**50000**	**51410**	**103**
Thallium		**0.189**	
Vanadium		**-0.0340**	
Zinc		**0.870**	
Boron		*0.418*	
Molybdenum	*1000*	*986*	*99*
Strontium		*0.167*	
Tin		*0.0560*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSAB 240-66205/9 Instrument ID: I8

Lab File ID: I8112312A.csv ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**50000**	**50540**	**101**
Antimony	**100**	**100**	**100**
Arsenic	**100**	**97.9**	**98**
Barium	**100**	**102**	**102**
Beryllium	**100**	**103**	**103**
Cadmium	**100**	**102**	**102**
Calcium	**50000**	**50300**	**101**
Chromium	**100**	**101**	**101**
Cobalt	**100**	**99.6**	**100**
Copper	**100**	**99.0**	**99**
Iron	**50000**	**50840**	**102**
Lead	**100**	**100**	**100**
Magnesium	**50000**	**52270**	**105**
Manganese	**100**	**107**	**107**
Nickel	**100**	**99.7**	**100**
Potassium	**50000**	**50040**	**100**
Selenium	**100**	**100**	**100**
Silver	**100**	**102**	**102**
Sodium	**50000**	**51700**	**103**
Thallium	**100**	**105**	**105**
Vanadium	**100**	**101**	**101**
Zinc	**100**	**104**	**104**
Boron	*100*	*99.3*	*99*
Molybdenum	*1100*	*1093*	*99*
Strontium	*100*	*97.0*	*97*
Tin	*100*	*102*	*102*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSA 240-66869/9 Instrument ID: I8

Lab File ID: I8112912A.csv ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**50000**	**49290**	**99**
Aluminum	*50000*	*52950*	*106*
Antimony		*0.197*	
Arsenic		*0.0860*	
Barium		*0.0700*	
Beryllium		*0.0020*	
Boron		*0.0490*	
Cadmium		*0.115*	
Calcium	*50000*	*56080*	*112*
Chromium		*0.339*	
Cobalt		*0.0610*	
Copper		*0.288*	
Lead		*0.138*	
Magnesium	*50000*	*50800*	*102*
Manganese		*0.163*	
Molybdenum	*1000*	*997*	*100*
Nickel		*0.374*	
Potassium	*50000*	*56250*	*113*
Selenium		*0.103*	
Silver		*0.0370*	
Sodium	*50000*	*49980*	*100*
Strontium		*0.166*	
Thallium		*0.0990*	
Tin		*0.0880*	
Vanadium		*-0.465*	
Zinc		*0.917*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSAB 240-66869/10 Instrument ID: I8

Lab File ID: I8112912A.csv ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**50000**	**49760**	**100**
Aluminum	*50000*	*52870*	*106*
Antimony	*100*	*99.6*	*100*
Arsenic	*100*	*98.8*	*99*
Barium	*100*	*101*	*101*
Beryllium	*100*	*100*	*100*
Boron	*100*	*95.9*	*96*
Cadmium	*100*	*99.1*	*99*
Calcium	*50000*	*54280*	*109*
Chromium	*100*	*100*	*100*
Cobalt	*100*	*99.2*	*99*
Copper	*100*	*100*	*100*
Lead	*100*	*98.8*	*99*
Magnesium	*50000*	*50860*	*102*
Manganese	*100*	*98.9*	*99*
Molybdenum	*1100*	*1104*	*100*
Nickel	*100*	*100*	*100*
Potassium	*50000*	*54160*	*108*
Selenium	*100*	*99.9*	*100*
Silver	*100*	*101*	*101*
Sodium	*50000*	*49890*	*100*
Strontium	*100*	*95.8*	*96*
Thallium	*100*	*91.7*	*92*
Tin	*100*	*101*	*101*
Vanadium	*100*	*99.7*	*100*
Zinc	*100*	*101*	*101*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSA 240-66869/108 Instrument ID: I8

Lab File ID: I8112912A.csv ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Iron	**50000**	**51110**	**102**
Aluminum	*50000*	*50940*	*102*
Antimony		*0.197*	
Arsenic		*0.484*	
Barium		*0.112*	
Beryllium		*0.0080*	
Boron		*2.10*	
Cadmium		*0.0430*	
Calcium	*50000*	*54460*	*109*
Chromium		*0.463*	
Cobalt		*0.0640*	
Copper		*0.351*	
Lead		*0.148*	
Magnesium	*50000*	*54010*	*108*
Manganese		*0.272*	
Molybdenum	*1000*	*979*	*98*
Nickel		*0.370*	
Potassium	*50000*	*52940*	*106*
Selenium		*0.0400*	
Silver		*0.0420*	
Sodium	*50000*	*50960*	*102*
Strontium		*0.251*	
Thallium		*0.156*	
Tin		*0.182*	
Vanadium		*-0.275*	
Zinc		*1.37*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSAB 240-66869/109 Instrument ID: I8

Lab File ID: I8112912A.csv ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Iron	**50000**	**51430**	**103**
Aluminum	*50000*	*50640*	*101*
Antimony	*100*	*106*	*106*
Arsenic	*100*	*95.0*	*95*
Barium	*100*	*102*	*102*
Beryllium	*100*	*115*	*115*
Boron	*100*	*109*	*109*
Cadmium	*100*	*103*	*103*
Calcium	*50000*	*54860*	*110*
Chromium	*100*	*98.0*	*98*
Cobalt	*100*	*94.1*	*94*
Copper	*100*	*92.2*	*92*
Lead	*100*	*102*	*102*
Magnesium	*50000*	*54190*	*108*
Manganese	*100*	*99.8*	*100*
Molybdenum	*1100*	*1094*	*99*
Nickel	*100*	*93.2*	*93*
Potassium	*50000*	*53890*	*108*
Selenium	*100*	*100*	*100*
Silver	*100*	*98.8*	*99*
Sodium	*50000*	*50750*	*102*
Strontium	*100*	*99.6*	*100*
Thallium	*100*	*91.9*	*92*
Tin	*100*	*105*	*105*
Vanadium	*100*	*97.7*	*98*
Zinc	*100*	*103*	*103*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSA 240-67023/8 Instrument ID: I8

Lab File ID: I8113012B.csv ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Manganese		**0.0720**	
Aluminum	*50000*	*49130*	*98*
Antimony		*0.160*	
Arsenic		*0.313*	
Barium		*0.0820*	
Beryllium		*-0.0010*	
Boron		*0.132*	
Cadmium		*-0.0060*	
Calcium	*50000*	*50990*	*102*
Chromium		*0.411*	
Cobalt		*0.0640*	
Copper		*0.286*	
Iron	*50000*	*50120*	*100*
Lead		*0.153*	
Magnesium	*50000*	*50470*	*101*
Molybdenum	*1000*	*999*	*100*
Nickel		*0.395*	
Potassium	*50000*	*49960*	*100*
Selenium		*0.0700*	
Silver		*0.0370*	
Sodium	*50000*	*50600*	*101*
Strontium		*0.169*	
Thallium		*0.105*	
Tin		*0.0890*	
Vanadium		*-0.0880*	
Zinc		*0.436*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSAB 240-67023/9 Instrument ID: I8

Lab File ID: I8113012B.csv ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Manganese	**100**	**90.5**	**90**
Aluminum	*50000*	*49540*	*99*
Antimony	*100*	*99.4*	*99*
Arsenic	*100*	*99.7*	*100*
Barium	*100*	*99.4*	*99*
Beryllium	*100*	*100*	*100*
Boron	*100*	*97.5*	*98*
Cadmium	*100*	*98.7*	*99*
Calcium	*50000*	*51060*	*102*
Chromium	*100*	*102*	*102*
Cobalt	*100*	*100*	*100*
Copper	*100*	*100*	*100*
Iron	*50000*	*50480*	*101*
Lead	*100*	*104*	*104*
Magnesium	*50000*	*50860*	*102*
Molybdenum	*1100*	*1108*	*101*
Nickel	*100*	*101*	*101*
Potassium	*50000*	*50310*	*101*
Selenium	*100*	*102*	*102*
Silver	*100*	*99.2*	*99*
Sodium	*50000*	*51020*	*102*
Strontium	*100*	*96.7*	*97*
Thallium	*100*	*94.3*	*94*
Tin	*100*	*100*	*100*
Vanadium	*100*	*99.9*	*100*
Zinc	*100*	*103*	*103*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSA 240-68088/8 Instrument ID: I8

Lab File ID: I8121012A.csv ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**50000**	**49820**	**100**
Antimony		**0.170**	
Arsenic		**0.131**	
Barium		**0.0290**	
Beryllium		**0.0020**	
Cadmium		**-0.0220**	
Calcium	**50000**	**51120**	**102**
Chromium		**0.562**	
Cobalt		**0.0400**	
Copper		**0.202**	
Iron	**50000**	**50240**	**100**
Lead		**0.155**	
Magnesium	**50000**	**50070**	**100**
Manganese		**0.0680**	
Nickel		**0.309**	
Potassium	**50000**	**50330**	**101**
Selenium		**-0.0310**	
Silver		**0.0400**	
Sodium	**50000**	**50500**	**101**
Thallium		**0.168**	
Vanadium		**0.0670**	
Zinc		**0.849**	
Boron		*-4.10*	
Molybdenum	*1000*	*1003*	*100*
Strontium		*0.0990*	
Tin		*0.0860*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

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

SDG No.:

Lab Sample ID: ICSAB 240-68088/9 Instrument ID: I8

Lab File ID: I8121012A.csv ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**50000**	**49930**	**100**
Antimony	**100**	**102**	**102**
Arsenic	**100**	**100**	**100**
Barium	**100**	**103**	**103**
Beryllium	**100**	**101**	**101**
Cadmium	**100**	**103**	**103**
Calcium	**50000**	**51260**	**103**
Chromium	**100**	**102**	**102**
Cobalt	**100**	**101**	**101**
Copper	**100**	**103**	**103**
Iron	**50000**	**50950**	**102**
Lead	**100**	**106**	**106**
Magnesium	**50000**	**50110**	**100**
Manganese	**100**	**100**	**100**
Nickel	**100**	**103**	**103**
Potassium	**50000**	**51050**	**102**
Selenium	**100**	**100**	**100**
Silver	**100**	**103**	**103**
Sodium	**50000**	**50500**	**101**
Thallium	**100**	**103**	**103**
Vanadium	**100**	**99.3**	**99**
Zinc	**100**	**105**	**105**
Boron	*100*	*92.9*	*93*
Molybdenum	*1100*	*1122*	*102*
Strontium	*100*	*97.0*	*97*
Tin	*100*	*102*	*102*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

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

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

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	11400		11000		926	98	70-130	4	6020/DOD
Antimony	2.48		0.17	J	9.26	25	75-125	J	6020/DOD
Arsenic	17.9		11		9.26	70	23-131		6020/DOD
Barium	115		100		9.26	114	10-199	4	6020/DOD
Beryllium	8.42		0.62		9.26	84	58-112		6020/DOD
Cadmium	8.57		0.20		9.26	90	58-110		6020/DOD
Calcium	1970		1100		926	93	70-130		6020/DOD
Chromium	25.0		16		9.26	95	10-199		6020/DOD
Cobalt	17.8		9.4		9.26	91	55-110		6020/DOD
Copper	19.3		12		9.26	81	10-199		6020/DOD
Iron	20400		19000		926	121	70-130	4	6020/DOD
Lead	46.4		38		9.26	92	10-199	4	6020/DOD
Magnesium	2890		2000		926	91	70-130		6020/DOD
Manganese	761		760		9.26	-30	10-199	4	6020/DOD
Nickel	27.6		18		9.26	101	10-176		6020/DOD
Potassium	1690		830		926	93	70-130		6020/DOD
Selenium	7.20		0.60		9.26	71	39-116		6020/DOD
Silver	8.71		0.073	J	9.26	93	75-125		6020/DOD
Sodium	928		31	J	926	97	70-130		6020/DOD
Thallium	8.67		0.21		9.26	91	82-110		6020/DOD
Vanadium	26.4		18		9.26	91	39-129		6020/DOD
Zinc	131		120		9.26	68	10-199	4	6020/DOD
Hg	0.229		0.077	J	0.167	91	80-120		7471/DOD

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

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

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

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	8250		6600		943	173	70-130	4	6020/DOD
Antimony	2.41		0.098	J	9.43	25	75-125	J	6020/DOD
Arsenic	17.4		9.7		9.43	82	23-131		6020/DOD
Barium	63.4		49		9.43	151	10-199	4	6020/DOD
Beryllium	8.77		0.47		9.43	88	58-112		6020/DOD
Cadmium	8.64		0.21		9.43	89	58-110		6020/DOD
Calcium	5810		4700		943	119	70-130	4	6020/DOD
Chromium	26.2		17		9.43	93	10-199		6020/DOD
Cobalt	16.2		7.1		9.43	97	55-110		6020/DOD
Copper	22.6		14		9.43	88	10-199		6020/DOD
Iron	19600		18000		943	139	70-130	4	6020/DOD
Lead	24.6		15		9.43	101	10-199		6020/DOD
Magnesium	3310		2300		943	106	70-130		6020/DOD
Manganese	469		410		9.43	580	10-199	4	6020/DOD
Nickel	31.1		22		9.43	93	10-176		6020/DOD
Potassium	1800		840		943	103	70-130		6020/DOD
Selenium	7.27		0.44	J	9.43	72	39-116		6020/DOD
Silver	9.31		0.44		9.43	94	75-125		6020/DOD
Sodium	925		40	J	943	94	70-130		6020/DOD
Thallium	8.80		0.11	J	9.43	92	82-110		6020/DOD
Vanadium	20.5		11		9.43	100	39-129		6020/DOD
Zinc	70.5		64		9.43	68	10-199	4	6020/DOD
Hg	0.193		0.053	J	0.159	88	80-120		7471/DOD

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

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

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

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	14900		12000		962	256	70-130	4	6020/DOD
Antimony	2.37		0.13	J	9.62	23	75-125	J	6020/DOD
Arsenic	22.1		16		9.62	59	23-131		6020/DOD
Barium	88.6		78		9.62	111	10-199	4	6020/DOD
Beryllium	8.85		0.76		9.62	84	58-112		6020/DOD
Cadmium	9.18		0.61		9.62	89	58-110		6020/DOD
Calcium	2230		1500		962	73	70-130		6020/DOD
Chromium	31.5		21		9.62	109	10-199		6020/DOD
Cobalt	19.7		12		9.62	81	55-110		6020/DOD
Copper	37.5		30		9.62	83	10-199		6020/DOD
Iron	26800		26000		962	37	70-130	4	6020/DOD
Lead	29.9		23		9.62	73	10-199		6020/DOD
Magnesium	3430		2400		962	111	70-130		6020/DOD
Manganese	850		1200		9.62	-3599	10-199	D 4	6020/DOD
Nickel	33.2		24		9.62	91	10-176		6020/DOD
Potassium	1770		790		962	102	70-130		6020/DOD
Selenium	7.62		0.80		9.62	71	39-116		6020/DOD
Silver	8.70		0.056	J	9.62	90	75-125		6020/DOD
Sodium	942		47	J	962	93	70-130		6020/DOD
Thallium	8.54		0.22		9.62	87	82-110		6020/DOD
Vanadium	29.0		19		9.62	104	39-129		6020/DOD
Zinc	179		160		9.62	192	10-199	4	6020/DOD
Hg	0.213		0.079	J	0.159	84	80-120		7471/DOD

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SW-0013-0001-SW MS Lab ID: 240-17422-13 MS

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

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.969		0.20	U	1.00	97	80-120		7470A/DOD

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: 076SW-0013-0001-SW MS Lab ID: 240-17422-13 MS

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

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	10300		170		10000	102	63-128		6020/DOD
Antimony	98.9		0.42	J	100	98	44-153		6020/DOD
Arsenic	99.6		0.67	J	100	99	82-123		6020/DOD
Barium	121		22		100	99	45-144		6020/DOD
Beryllium	98.1		0.50	U	100	98	77-124		6020/DOD
Cadmium	102		0.40	U	100	102	78-117		6020/DOD
Calcium	59400		48000		10000	111	70-130	4	6020/DOD
Chromium	98.9		1.5	U	100	99	72-110		6020/DOD
Cobalt	98.9		0.20	U	100	99	67-114		6020/DOD
Copper	103		4.0	U	100	103	60-123		6020/DOD
Iron	10600		440		10000	101	22-169		6020/DOD
Lead	105		0.32	J	100	104	73-115		6020/DOD
Magnesium	21400		11000		10000	109	70-130		6020/DOD
Manganese	199		98		100	101	10-172		6020/DOD
Nickel	101		1.5	U	100	101	72-111		6020/DOD
Potassium	13300		2800		10000	104	70-130		6020/DOD
Selenium	96.4		0.43	J	100	96	72-148		6020/DOD
Silver	103		0.25	U	100	103	10-139		6020/DOD
Sodium	15100		4800		10000	102	80-120		6020/DOD
Thallium	98.5		0.82	J	100	98	69-117		6020/DOD
Vanadium	96.9		1.5	U	100	97	70-112		6020/DOD
Zinc	108		20	U	100	108	49-156		6020/DOD

SSR = Spiked Sample Result

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

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

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

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

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	11000		11000		926	55	75-125	J	6020/DOD
Antimony	9.18		0.17	J	9.26	97	75-125		6020/DOD
Arsenic	95.3		11		92.6	91	75-125		6020/DOD
Barium	189		100		92.6	92	75-125		6020/DOD
Beryllium	91.7		0.62		92.6	98	75-125		6020/DOD
Cadmium	92.3		0.20		92.6	100	75-125		6020/DOD
Calcium	1930		1100		926	88	75-125		6020/DOD
Chromium	104		16		92.6	95	75-125		6020/DOD
Cobalt	94.4		9.4		92.6	92	75-125		6020/DOD
Copper	97.1		12		92.6	92	75-125		6020/DOD
Iron	19500		19000		926	26	75-125	J	6020/DOD
Lead	120		38		92.6	89	75-125		6020/DOD
Magnesium	2910		2000		926	94	75-125		6020/DOD
Manganese	822		760		92.6	62	75-125	J	6020/DOD
Nickel	103		18		92.6	92	75-125		6020/DOD
Potassium	1750		830		926	100	75-125		6020/DOD
Selenium	85.9		0.60		92.6	92	75-125		6020/DOD
Silver	9.57		0.073	J	9.26	103	75-125		6020/DOD
Sodium	985		31	J	926	103	75-125		6020/DOD
Thallium	21.1		0.21		23.1	90	75-125		6020/DOD
Vanadium	104		18		92.6	92	75-125		6020/DOD
Zinc	207		120		92.6	89	75-125		6020/DOD

SSR = Spiked Sample Result

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

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: 076SW-0013-0001-SW PDS Lab ID: 240-17422-13 PDS

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

SDG No.:

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	11300		170		10000	111	75-125		6020/DOD
Antimony	95.2		0.42	J	100	95	75-125		6020/DOD
Arsenic	103		0.67	J	100	102	75-125		6020/DOD
Barium	124		22		100	101	75-125		6020/DOD
Beryllium	102		0.50	U	100	102	75-125		6020/DOD
Cadmium	105		0.40	U	100	105	75-125		6020/DOD
Calcium	58700		48000		10000	104	75-125		6020/DOD
Chromium	101		1.5	U	100	101	75-125		6020/DOD
Cobalt	102		0.20	U	100	102	75-125		6020/DOD
Copper	106		4.0	U	100	106	75-125		6020/DOD
Iron	11600		440		10000	112	75-125		6020/DOD
Lead	108		0.32	J	100	108	75-125		6020/DOD
Magnesium	21900		11000		10000	113	75-125		6020/DOD
Manganese	200		98		100	102	75-125		6020/DOD
Nickel	103		1.5	U	100	103	75-125		6020/DOD
Potassium	14200		2800		10000	113	75-125		6020/DOD
Selenium	100		0.43	J	100	100	75-125		6020/DOD
Silver	102		0.25	U	100	102	75-125		6020/DOD
Sodium	15800		4800		10000	109	75-125		6020/DOD
Thallium	104		0.82	J	100	103	75-125		6020/DOD
Vanadium	100		1.5	U	100	100	75-125		6020/DOD
Zinc	109		20	U	100	109	75-125		6020/DOD

SSR = Spiked Sample Result

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

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 076SS-0020M-0001-SO DU
Lab ID: 240-17422-2 DU
Lab Name: TestAmerica Canton
Job No.: 240-17422-1
SDG No.:
% Solids for Sample:
% Solids for Duplicate:
Matrix: Solid
Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	9.3	11000		10100		4		6020/DOD
Antimony	0.19	0.17	J	0.174	J	0.4		6020/DOD
Arsenic	0.46	11		11.0		3		6020/DOD
Barium	0.46	100		123		16		6020/DOD
Beryllium	0.093	0.62		0.552		11		6020/DOD
Cadmium	0.19	0.20		0.214		5		6020/DOD
Calcium	190	1100		1160		5		6020/DOD
Chromium	0.46	16		16.1		0.2		6020/DOD
Cobalt	0.093	9.4		9.57		2		6020/DOD
Copper	0.37	12		12.0		2		6020/DOD
Iron	46	19000		19800		2		6020/DOD
Lead	0.28	38		40.3		6		6020/DOD
Magnesium	93	2000		2000		2		6020/DOD
Manganese	0.46	760		819		7		6020/DOD
Nickel	0.46	18		18.3		0.05		6020/DOD
Potassium	93	830		801		3		6020/DOD
Selenium	0.46	0.60		0.565		7		6020/DOD
Silver	0.093	0.073	J	0.0802	J	9		6020/DOD
Sodium	93	31	J	27.8	J	10		6020/DOD
Thallium	0.19	0.21		0.186	J	11		6020/DOD
Vanadium	0.46	18		17.9		0.7		6020/DOD
Zinc	3.7	120		128		2		6020/DOD
Hg	0.10	0.077	J	0.0811	J	5		7471/DOD

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

FORM VI-IN

6-IN
DUPLICATES
METALS

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

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

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	9.4	6600		6480		2		6020/DOD
Antimony	0.19	0.098	J	0.102	J	4		6020/DOD
Arsenic	0.47	9.7		10.0		4		6020/DOD
Barium	0.47	49		51.3		4		6020/DOD
Beryllium	0.094	0.47		0.466		1		6020/DOD
Cadmium	0.19	0.21		0.226		7		6020/DOD
Calcium	190	4700		4650		0.8		6020/DOD
Chromium	0.47	17		17.4		0.6		6020/DOD
Cobalt	0.094	7.1		7.21		2		6020/DOD
Copper	0.38	14		14.7		3		6020/DOD
Iron	47	18000		18500		1		6020/DOD
Lead	0.28	15		15.5		2		6020/DOD
Magnesium	94	2300		2330		0.7		6020/DOD
Manganese	0.47	410		442		6		6020/DOD
Nickel	0.47	22		23.6		6		6020/DOD
Potassium	94	840		805		4		6020/DOD
Selenium	0.47	0.44	J	0.498		12		6020/DOD
Silver	0.094	0.44		0.485		10		6020/DOD
Sodium	94	40	J	39.3	J	0.7		6020/DOD
Thallium	0.19	0.11	J	0.117	J	8		6020/DOD
Vanadium	0.47	11		11.0		0.7		6020/DOD
Zinc	3.8	64		63.0		2		6020/DOD
Hg	0.095	0.053	J	0.0564	J	6		7471/DOD

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

FORM VI-IN

6-IN
DUPLICATES
METALS

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

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

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	9.6	12000		12200		2		6020/DOD
Antimony	0.19	0.13	J	0.128	J	2		6020/DOD
Arsenic	0.48	16		14.9		10		6020/DOD
Barium	0.48	78		79.0		1		6020/DOD
Beryllium	0.096	0.76		0.744		2		6020/DOD
Cadmium	0.19	0.61		0.613		0.3		6020/DOD
Calcium	190	1500		1480		4		6020/DOD
Chromium	0.48	21		22.0		4		6020/DOD
Cobalt	0.096	12		11.1		6		6020/DOD
Copper	0.38	30		29.1		2		6020/DOD
Iron	48	26000		25700		3		6020/DOD
Lead	0.29	23		21.8		5		6020/DOD
Magnesium	96	2400		2390		0.7		6020/DOD
Manganese	4.8	1200		891		29	D J	6020/DOD
Nickel	0.48	24		24.5		0.08		6020/DOD
Potassium	96	790		777		2		6020/DOD
Selenium	0.48	0.80		0.856		7		6020/DOD
Silver	0.096	0.056	J	0.0560	J	0.3		6020/DOD
Sodium	96	47	J	46.6	J	0.4		6020/DOD
Thallium	0.19	0.22		0.217		2		6020/DOD
Vanadium	0.48	19		18.8		1		6020/DOD
Zinc	3.8	160		162		0.9		6020/DOD
Hg	0.095	0.079	J	0.0853	J	7		7471/DOD

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SW-0013-0001-SW DU Lab ID: 240-17422-13 DU

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

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.20	0.20	U	0.20	U	NC		7470A/DOD

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

FORM VI-IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: 076SW-0013-0001-SW DU | Lab ID: 240-17422-13 DU

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

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	60	170		166		3		6020/DOD
Antimony	2.0	0.42	J	0.50	U	NC		6020/DOD
Arsenic	5.0	0.67	J	0.613	J	9		6020/DOD
Barium	5.0	22		21.9		2		6020/DOD
Beryllium	1.0	0.50	U	0.50	U	NC		6020/DOD
Cadmium	2.0	0.40	U	0.40	U	NC		6020/DOD
Calcium	2000	48000		48000		0.4		6020/DOD
Chromium	2.0	1.5	U	1.5	U	NC		6020/DOD
Cobalt	1.0	0.20	U	0.20	U	NC		6020/DOD
Copper	4.0	4.0	U	4.0	U	NC		6020/DOD
Iron	150	440		429		2		6020/DOD
Lead	1.0	0.32	J	0.288	J	11		6020/DOD
Magnesium	1000	11000		10600		1		6020/DOD
Manganese	5.0	98		97.2		0.8		6020/DOD
Nickel	5.0	1.5	U	0.681	J	NC		6020/DOD
Potassium	1000	2800		2840		0.1		6020/DOD
Selenium	5.0	0.43	J	0.50	U	NC		6020/DOD
Silver	1.0	0.25	U	0.25	U	NC		6020/DOD
Sodium	1000	4800		4780		1		6020/DOD
Thallium	2.0	0.82	J	1.0	U	NC		6020/DOD
Vanadium	5.0	1.5	U	1.5	U	NC		6020/DOD
Zinc	40	20	U	20	U	NC		6020/DOD

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-65198/2-A

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

Sample Matrix: Solid LCS Source: MTICPMS2_00009

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	1000	936		94	80	120		6020/DOD
Antimony	10.0	9.31		93	68	113		6020/DOD
Arsenic	100	86.3		86	73	110		6020/DOD
Barium	100	93.6		94	70	110		6020/DOD
Beryllium	100	93.4		93	79	110		6020/DOD
Cadmium	100	97.4		97	74	110		6020/DOD
Calcium	1000	902		90	80	120		6020/DOD
Chromium	100	93.0		93	70	110		6020/DOD
Cobalt	100	91.9		92	74	110		6020/DOD
Copper	100	94.5		95	73	110		6020/DOD
Iron	1000	984		98	80	120		6020/DOD
Lead	100	91.9		92	75	110		6020/DOD
Magnesium	1000	986		99	80	120		6020/DOD
Manganese	100	94.5		94	80	120		6020/DOD
Nickel	100	93.4		93	75	110		6020/DOD
Potassium	1000	966		97	80	120		6020/DOD
Selenium	100	85.5		85	65	110		6020/DOD
Silver	10.0	10.2		102	60	114		6020/DOD
Sodium	1000	994		99	80	120		6020/DOD
Thallium	25.0	22.3		89	71	110		6020/DOD
Vanadium	100	89.0		89	72	110		6020/DOD
Zinc	100	93.3		93	72	113		6020/DOD

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 240-65311/2-A

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

Sample Matrix: Water LCS Source: MTICPMS2_00009

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10000	9160		92	80	120		6020/DOD
Antimony	100	92.0		92	80	120		6020/DOD
Arsenic	1000	933		93	80	120		6020/DOD
Barium	1000	927		93	80	120		6020/DOD
Beryllium	1000	944		94	80	120		6020/DOD
Cadmium	1000	973		97	80	120		6020/DOD
Calcium	10000	9590		96	80	120		6020/DOD
Chromium	1000	948		95	80	120		6020/DOD
Cobalt	1000	924		92	80	120		6020/DOD
Copper	1000	991		99	80	120		6020/DOD
Iron	10000	9160		92	80	120		6020/DOD
Lead	1000	953		95	80	120		6020/DOD
Magnesium	10000	9480		95	80	120		6020/DOD
Manganese	1000	980		98	80	120		6020/DOD
Nickel	1000	968		97	80	120		6020/DOD
Potassium	10000	9230		92	80	120		6020/DOD
Selenium	1000	938		94	80	120		6020/DOD
Silver	100	98.5		99	80	120		6020/DOD
Sodium	10000	9120		91	80	120		6020/DOD
Thallium	250	220		88	80	120		6020/DOD
Vanadium	1000	903		90	80	120		6020/DOD
Zinc	1000	1010		101	80	120		6020/DOD

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-65204/2-A

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

Sample Matrix: Solid LCS Source: MTHGICVW_00428

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Hg	0.833	0.705		85	80	120		7471/DOD

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-17422-2

SDG No:

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

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	11000		11300		7.5	D	6020/DOD
Antimony	0.17	J	0.69	U	NC		6020/DOD
Arsenic	11		12.1		NC	D	6020/DOD
Barium	100		108		3.6	D	6020/DOD
Beryllium	0.62		0.671		NC	D	6020/DOD
Cadmium	0.20		0.248	J	NC	D	6020/DOD
Calcium	1100		1170		NC	D	6020/DOD
Chromium	16		16.5		NC	D	6020/DOD
Cobalt	9.4		9.65		3.1	D	6020/DOD
Copper	12		12.8		NC	D	6020/DOD
Iron	19000		20200		4.5	D	6020/DOD
Lead	38		41.0		8.4	D	6020/DOD
Magnesium	2000		2170		NC	D	6020/DOD
Manganese	760		795		4.0	D	6020/DOD
Nickel	18		19.1		NC	D	6020/DOD
Potassium	830		871		NC	D	6020/DOD
Selenium	0.60		0.731	J	NC	D	6020/DOD
Silver	0.073	J	0.0782	J	NC	D	6020/DOD
Sodium	31	J	190	U	NC		6020/DOD
Thallium	0.21		0.295	J	NC	D	6020/DOD
Vanadium	18		18.2		NC	D	6020/DOD
Zinc	120		139		NC	D	6020/DOD

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 240-17422-13

SDG No:

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

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	170		167	J	NC	D	6020/DOD
Antimony	0.42	J	2.5	U	NC		6020/DOD
Arsenic	0.67	J	5.0	U	NC		6020/DOD
Barium	22		21.5	J	NC	D	6020/DOD
Beryllium	0.50	U	2.5	U	NC		6020/DOD
Cadmium	0.40	U	2.0	U	NC		6020/DOD
Calcium	48000		49100		NC	D	6020/DOD
Chromium	1.5	U	7.5	U	NC		6020/DOD
Cobalt	0.20	U	1.0	U	NC		6020/DOD
Copper	4.0	U	20	U	NC		6020/DOD
Iron	440		433	J	NC	D	6020/DOD
Lead	0.32	J	2.5	U	NC		6020/DOD
Magnesium	11000		10900		NC	D	6020/DOD
Manganese	98		101		NC	D	6020/DOD
Nickel	1.5	U	7.5	U	NC		6020/DOD
Potassium	2800		2960	J	NC	D	6020/DOD
Selenium	0.43	J	2.5	U	NC		6020/DOD
Silver	0.25	U	1.3	U	NC		6020/DOD
Sodium	4800		4890	J	NC	D	6020/DOD
Thallium	0.82	J	1.80	J	NC	D	6020/DOD
Vanadium	1.5	U	7.5	U	NC		6020/DOD
Zinc	20	U	100	U	NC		6020/DOD

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: I8

Method: 6020/DOD DL Date: 02/22/2010 11:00

Prep Method: 3050B

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Aluminum	27.00	10	2.49
Antimony	121.00	0.2	0.062
Arsenic	75.00	0.5	0.0522
Barium	137.00	0.5	0.13
Beryllium	9.00	0.1	0.1
Cadmium	111.00	0.2	0.0031
Calcium	43.00	200	40.05
Chromium	52.00	0.5	0.16
Cobalt	59.00	0.1	0.0045
Copper	65.00	0.4	0.11
Iron	56.00	50	10.91
Lead	208.00	0.3	0.0705
Magnesium	25.00	100	8.9
Manganese	55.00	0.5	0.16
Nickel	60.00	0.5	0.0864
Potassium	39.00	100	3.76
Selenium	78.00	0.5	0.0207
Silver	107.00	0.1	0.016
Sodium	23.00	100	14.01
Thallium	205.00	0.2	0.0562
Vanadium	51.00	0.5	0.0432
Zinc	66.00	4	1

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: I8

Method: 6020/DOD XMDL Date: 07/15/2011 16:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27.00	60	20.2
Antimony	121.00	2	0.21
Arsenic	75.00	5	0.44
Barium	137.00	5	1.3
Beryllium	9.00	1	0.033
Cadmium	111.00	2	0.023
Calcium	43.00	2000	400.5
Chromium	52.00	2	0.53
Cobalt	59.00	1	0.03
Copper	65.00	4	1.1
Iron	56.00	150	43.7
Lead	208.00	1	0.2
Magnesium	25.00	1000	89
Manganese	55.00	5	1.05
Nickel	60.00	5	0.62
Potassium	39.00	1000	15.69
Selenium	78.00	5	0.199
Silver	107.00	1	0.08
Sodium	23.00	1000	140.1
Thallium	205.00	2	0.32
Vanadium	51.00	5	0.432
Zinc	66.00	40	8.84

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Water Instrument ID: I8

Method: 6020/DOD DL Date: 02/22/2010 11:04

Prep Method: 3005A

Analyte	Wavelength/ Mass	LOQ (ug/L)	DL (ug/L)
Aluminum	27.00	60	20.2
Antimony	121.00	2	0.21
Arsenic	75.00	5	0.44
Barium	137.00	5	1.63
Beryllium	9.00	1	0.5
Cadmium	111.00	2	0.4
Calcium	43.00	2000	539
Chromium	52.00	2	0.53
Cobalt	59.00	1	0.2
Copper	65.00	4	1.36
Iron	56.00	150	43.7
Lead	208.00	1	0.2
Magnesium	25.00	1000	119
Manganese	55.00	5	1.05
Nickel	60.00	5	0.62
Potassium	39.00	1000	15.69
Selenium	78.00	5	0.199
Silver	107.00	1	0.08
Sodium	23.00	1000	162
Thallium	205.00	2	0.32
Vanadium	51.00	5	0.51
Zinc	66.00	40	8.84

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Water Instrument ID: I8

Method: 6020/DOD XMDL Date: 02/22/2010 11:04

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27.00	60	20.2
Antimony	121.00	2	0.21
Arsenic	75.00	5	0.44
Barium	137.00	5	1.3
Beryllium	9.00	1	0.033
Cadmium	111.00	2	0.023
Calcium	43.00	2000	400.5
Chromium	52.00	2	0.53
Cobalt	59.00	1	0.03
Copper	65.00	4	1.1
Iron	56.00	150	43.7
Lead	208.00	1	0.2
Magnesium	25.00	1000	89
Manganese	55.00	5	1.05
Nickel	60.00	5	0.62
Potassium	39.00	1000	15.69
Selenium	78.00	5	0.199
Silver	107.00	1	0.08
Sodium	23.00	1000	140.1
Thallium	205.00	2	0.32
Vanadium	51.00	5	0.432
Zinc	66.00	40	8.84

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Water Instrument ID: H1

Method: 7470A/DOD DL Date: 02/16/2010 09:31

Prep Method: 7470A

Analyte	Wavelength/ Mass	LOQ (ug/L)	DL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Water Instrument ID: H1

Method: 7470A/DOD XMDL Date: 02/16/2010 09:31

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Hg	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: H1

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Hg	253.7	0.2	0.12

11-IN
LINEAR RANGES
METALS

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

SDG No.:

Instrument ID: I8 Date: 12/04/2012 16:25

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Aluminum		500000	6020/DOD
Antimony		2000	6020/DOD
Arsenic		10000	6020/DOD
Barium		10000	6020/DOD
Beryllium		10000	6020/DOD
Cadmium		10000	6020/DOD
Calcium		500000	6020/DOD
Chromium		10000	6020/DOD
Cobalt		10000	6020/DOD
Copper		10000	6020/DOD
Iron		500000	6020/DOD
Lead		10000	6020/DOD
Magnesium		500000	6020/DOD
Manganese		10000	6020/DOD
Nickel		10000	6020/DOD
Potassium		500000	6020/DOD
Selenium		10000	6020/DOD
Silver		2000	6020/DOD
Sodium		500000	6020/DOD
Thallium		10000	6020/DOD
Vanadium		10000	6020/DOD
Zinc		10000	6020/DOD

11-IN
LINEAR RANGES
METALS

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

SDG No.:

Instrument ID: H1 Date: 04/01/2011 10:45

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7470A/DOD

12-IN
PREPARATION LOG
METALS

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

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-65198/1-A	11/15/2012 12:19	65198	1.00		100
LCS 240-65198/2-A	11/15/2012 12:19	65198	1.00		100
240-17422-2	11/15/2012 12:19	65198	1.08		100
240-17422-2 DU	11/15/2012 12:19	65198	1.08		100
240-17422-2 MS	11/15/2012 12:19	65198	1.08		100
240-17422-1	11/15/2012 12:19	65198	1.12		100
240-17422-3	11/15/2012 12:19	65198	1.20		100
240-17422-4	11/15/2012 12:19	65198	1.12		100
240-17422-5	11/15/2012 12:19	65198	1.19		100
240-17422-6	11/15/2012 12:19	65198	1.06		100
240-17422-6 DU	11/15/2012 12:19	65198	1.06		100
240-17422-6 MS	11/15/2012 12:19	65198	1.06		100
240-17422-8	11/15/2012 12:19	65198	1.15		100
240-17422-9	11/15/2012 12:19	65198	1.04		100
240-17422-9 DU	11/15/2012 12:19	65198	1.04		100
240-17422-9 MS	11/15/2012 12:19	65198	1.04		100
240-17422-10	11/15/2012 12:19	65198	1.22		100
240-17422-11	11/15/2012 12:19	65198	1.02		100
240-17422-12	11/15/2012 12:19	65198	1.15		100

12-IN
PREPARATION LOG
METALS

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

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-65311/1-A	11/16/2012 09:08	65311		50	50
LCS 240-65311/2-A	11/16/2012 09:08	65311		50	50
240-17422-13	11/16/2012 09:08	65311		50	50
240-17422-13 DU	11/16/2012 09:08	65311		50	50
240-17422-13 MS	11/16/2012 09:08	65311		50	50
240-17422-14	11/16/2012 09:08	65311		50	50
240-17422-15	11/16/2012 09:08	65311		50	50

12-IN
PREPARATION LOG
METALS

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

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-65204/1-A	11/15/2012 14:40	65204	0.60		100
LCS 240-65204/2-A	11/15/2012 14:40	65204	0.60		100
240-17422-2	11/15/2012 14:40	65204	0.60		100
240-17422-2 DU	11/15/2012 14:40	65204	0.60		100
240-17422-2 MS	11/15/2012 14:40	65204	0.60		100
240-17422-1	11/15/2012 14:40	65204	0.62		100
240-17422-3	11/15/2012 14:40	65204	0.67		100
240-17422-4	11/15/2012 14:40	65204	0.70		100
240-17422-5	11/15/2012 14:40	65204	0.63		100
240-17422-6	11/15/2012 14:40	65204	0.63		100
240-17422-6 DU	11/15/2012 14:40	65204	0.63		100
240-17422-6 MS	11/15/2012 14:40	65204	0.63		100
240-17422-8	11/15/2012 14:40	65204	0.60		100
240-17422-9	11/15/2012 14:40	65204	0.63		100
240-17422-9 DU	11/15/2012 14:40	65204	0.63		100
240-17422-9 MS	11/15/2012 14:40	65204	0.63		100
240-17422-10	11/15/2012 14:40	65204	0.61		100
240-17422-11	11/15/2012 14:40	65204	0.61		100
240-17422-12	11/15/2012 14:40	65204	0.61		100

12-IN
PREPARATION LOG
METALS

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

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
240-17422-13	11/26/2012 15:25	66219		100	100
240-17422-13 DU	11/26/2012 15:25	66219		100	100
240-17422-13 MS	11/26/2012 15:25	66219		100	100
240-17422-14	11/26/2012 15:25	66219		100	100
240-17422-15	11/26/2012 15:25	66219		100	100

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ICIS 240-66205/1	1		09:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 240-66205/2 IC	1		09:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 240-66205/3 IC	1		09:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD4 240-66205/4 IC	1		09:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 240-66205/5	1		09:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 240-66205/6	1		09:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 240-66205/7	1		10:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 240-66205/8	1		10:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 240-66205/9	1		10:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-66205/10			10:25																				
CCB 240-66205/11			10:32																				
ZZZZZZ			10:37																				
ZZZZZZ			10:45																				
ZZZZZZ			10:51																				
ZZZZZZ			10:58																				
ZZZZZZ			11:04																				
ZZZZZZ			11:09																				
ZZZZZZ			11:14																				
CCV 240-66205/19			11:21																				
CCB 240-66205/20			11:28																				
ZZZZZZ			11:33																				
ZZZZZZ			11:38																				
ZZZZZZ			11:43																				
CCV 240-66205/24			11:48																				
CCB 240-66205/25			11:55																				
ZZZZZZ			12:02																				
ZZZZZZ			12:07																				
ZZZZZZ			12:12																				
ZZZZZZ			12:17																				
ZZZZZZ			12:22																				
ZZZZZZ			12:28																				
ZZZZZZ			12:33																				
ZZZZZZ			12:38																				
ZZZZZZ			12:43																				
ZZZZZZ			12:48																				
CCV 240-66205/36			12:53																				
CCB 240-66205/37			13:00																				
ZZZZZZ			13:05																				
ZZZZZZ			13:10																				
ZZZZZZ			13:15																				
ZZZZZZ			13:20																				
ZZZZZZ			13:25																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			13:31																				
ZZZZZZ			13:36																				
ZZZZZZ			13:41																				
ZZZZZZ			13:46																				
ZZZZZZ			13:51																				
CCV 240-66205/48			13:56																				
CCB 240-66205/49			14:03																				
ZZZZZZ			14:08																				
ZZZZZZ			14:13																				
ZZZZZZ			14:18																				
ZZZZZZ			14:23																				
ZZZZZZ			14:28																				
ZZZZZZ			14:33																				
ZZZZZZ			14:38																				
ZZZZZZ			14:43																				
CCV 240-66205/58	1		14:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/59	1		14:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:00																				
ZZZZZZ			15:05																				
MB 240-65198/1-A	1	T	15:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 240-65198/2-A	1	T	15:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-2	1	T	15:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-2 SD	5	T	15:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-2 DU	1	T	15:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-2 MS	1	T	15:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-2 PDS	1	T	15:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:52																				
CCV 240-66205/70	1		15:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/71	1		16:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:09																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
240-17422-1	1	T	16:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-3	1	T	16:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-4	1	T	16:33	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
240-17422-5	1	T	16:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-6	1	T	16:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-6 DU	1	T	16:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-6 MS	1	T	16:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-66205/82	1		17:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/83	1		17:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:13																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
240-17422-8	10	T	17:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-9	1	T	17:22	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
240-17422-9 DU	1	T	17:27	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
240-17422-9 MS	1	T	17:32	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
240-17422-10	1	T	17:39	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
240-17422-11	1	T	17:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-12	1	T	17:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:54																				
ZZZZZZ			17:59																				
CCV 240-66205/94	1		18:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/95	1		18:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:16																				
ZZZZZZ			18:21																				
ZZZZZZ			18:28																				
CCV 240-66205/99			18:33																				
CCB 240-66205/100			18:41																				
CRI 240-66205/101	1		18:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:51																				
ICSA 240-66205/103			18:56																				
ICSAB 240-66205/104			19:01																				
CCV 240-66205/105			19:08																				
CCB 240-66205/106			19:15																				
ZZZZZZ			19:20																				
ZZZZZZ			19:25																				
ZZZZZZ			19:32																				
ZZZZZZ			19:37																				
ZZZZZZ			19:42																				
ZZZZZZ			19:49																				
ZZZZZZ			19:55																				
ZZZZZZ			20:02																				
CCV 240-66205/115			20:07																				
CCB 240-66205/116			20:14																				
ZZZZZZ			20:19																				
ZZZZZZ			20:24																				
ZZZZZZ			20:29																				
ZZZZZZ			20:34																				
ZZZZZZ			20:39																				
ZZZZZZ			20:44																				
ZZZZZZ			20:49																				
ZZZZZZ			20:54																				
ZZZZZZ			20:59																				
ZZZZZZ			21:04																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 240-66205/127			21:11																				
CCB 240-66205/128			21:18																				
ZZZZZZ			21:23																				
ZZZZZZ			21:28																				
ZZZZZZ			21:33																				
ZZZZZZ			21:41																				
ZZZZZZ			21:48																				
ZZZZZZ			21:55																				
ZZZZZZ			22:00																				
ZZZZZZ			22:05																				
ZZZZZZ			22:10																				
ZZZZZZ			22:15																				
CCV 240-66205/139			22:20																				
CCB 240-66205/140			22:27																				
ZZZZZZ			22:32																				
ZZZZZZ			22:37																				
ZZZZZZ			22:42																				
ZZZZZZ			22:47																				
ZZZZZZ			22:52																				
ZZZZZZ			22:57																				
ZZZZZZ			23:02																				
ZZZZZZ			23:07																				
ZZZZZZ			23:12																				
ZZZZZZ			23:17																				
CCV 240-66205/151			23:25																				
CCB 240-66205/152			23:32																				
ZZZZZZ			23:37																				
ZZZZZZ			23:42																				
ZZZZZZ			23:47																				
ZZZZZZ			23:52																				
ZZZZZZ			23:57																				
ZZZZZZ			00:02																				
ZZZZZZ			00:07																				
ZZZZZZ			00:12																				
ZZZZZZ			00:17																				
CCV 240-66205/162			00:22																				
CCB 240-66205/163			00:29																				
ZZZZZZ			00:34																				
ZZZZZZ			00:39																				
ZZZZZZ			00:44																				
ZZZZZZ			00:49																				
ZZZZZZ			00:56																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			01:01																				
CCV 240-66205/170			01:06																				
CCB 240-66205/171			01:13																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ICIS 240-66205/1	1		09:28	X	X																		
STD2 240-66205/2 IC	1		09:33	X	X																		
STD3 240-66205/3 IC	1		09:40	X	X																		
STD4 240-66205/4 IC	1		09:47	X	X																		
ICV 240-66205/5	1		09:52	X	X																		
ICB 240-66205/6	1		09:59	X	X																		
CRI 240-66205/7	1		10:04	X	X																		
ICSA 240-66205/8	1		10:09	X	X																		
ICSAB 240-66205/9	1		10:18	X	X																		
CCV 240-66205/10			10:25																				
CCB 240-66205/11			10:32																				
ZZZZZZ			10:37																				
ZZZZZZ			10:45																				
ZZZZZZ			10:51																				
ZZZZZZ			10:58																				
ZZZZZZ			11:04																				
ZZZZZZ			11:09																				
ZZZZZZ			11:14																				
CCV 240-66205/19			11:21																				
CCB 240-66205/20			11:28																				
ZZZZZZ			11:33																				
ZZZZZZ			11:38																				
ZZZZZZ			11:43																				
CCV 240-66205/24			11:48																				
CCB 240-66205/25			11:55																				
ZZZZZZ			12:02																				
ZZZZZZ			12:07																				
ZZZZZZ			12:12																				
ZZZZZZ			12:17																				
ZZZZZZ			12:22																				
ZZZZZZ			12:28																				
ZZZZZZ			12:33																				
ZZZZZZ			12:38																				
ZZZZZZ			12:43																				
ZZZZZZ			12:48																				
CCV 240-66205/36			12:53																				
CCB 240-66205/37			13:00																				
ZZZZZZ			13:05																				
ZZZZZZ			13:10																				
ZZZZZZ			13:15																				
ZZZZZZ			13:20																				
ZZZZZZ			13:25																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			13:31																				
ZZZZZZ			13:36																				
ZZZZZZ			13:41																				
ZZZZZZ			13:46																				
ZZZZZZ			13:51																				
CCV 240-66205/48			13:56																				
CCB 240-66205/49			14:03																				
ZZZZZZ			14:08																				
ZZZZZZ			14:13																				
ZZZZZZ			14:18																				
ZZZZZZ			14:23																				
ZZZZZZ			14:28																				
ZZZZZZ			14:33																				
ZZZZZZ			14:38																				
ZZZZZZ			14:43																				
CCV 240-66205/58	1		14:48	X	X																		
CCB 240-66205/59	1		14:55	X	X																		
ZZZZZZ			15:00																				
ZZZZZZ			15:05																				
MB 240-65198/1-A	1	T	15:10	X	X																		
LCS 240-65198/2-A	1	T	15:15	X	X																		
240-17422-2	1	T	15:22	X	X																		
240-17422-2 SD	5	T	15:27	X	X																		
240-17422-2 DU	1	T	15:32	X	X																		
240-17422-2 MS	1	T	15:37	X	X																		
240-17422-2 PDS	1	T	15:44	X	X																		
ZZZZZZ			15:52																				
CCV 240-66205/70	1		15:56	X	X																		
CCB 240-66205/71	1		16:04	X	X																		
ZZZZZZ			16:09																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
240-17422-1	1	T	16:23	X	X																		
240-17422-3	1	T	16:28	X	X																		
240-17422-4	1	T	16:33	X	X																		
240-17422-5	1	T	16:38	X	X																		
240-17422-6	1	T	16:43	X	X																		
240-17422-6 DU	1	T	16:48	X	X																		
240-17422-6 MS	1	T	16:53	X	X																		
CCV 240-66205/82	1		17:00	X	X																		
CCB 240-66205/83	1		17:08	X	X																		
ZZZZZZ			17:13																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
240-17422-8	10	T	17:18	X	X																		
240-17422-9	1	T	17:22	X	X																		
240-17422-9 DU	1	T	17:27	X	X																		
240-17422-9 MS	1	T	17:32	X	X																		
240-17422-10	1	T	17:39	X	X																		
240-17422-11	1	T	17:44	X	X																		
240-17422-12	1	T	17:49	X	X																		
ZZZZZZ			17:54																				
ZZZZZZ			17:59																				
CCV 240-66205/94	1		18:04	X	X																		
CCB 240-66205/95	1		18:11	X	X																		
ZZZZZZ			18:16																				
ZZZZZZ			18:21																				
ZZZZZZ			18:28																				
CCV 240-66205/99			18:33																				
CCB 240-66205/100			18:41																				
CRI 240-66205/101	1		18:46	X	X																		
ZZZZZZ			18:51																				
ICSA 240-66205/103			18:56																				
ICSAB 240-66205/104			19:01																				
CCV 240-66205/105			19:08																				
CCB 240-66205/106			19:15																				
ZZZZZZ			19:20																				
ZZZZZZ			19:25																				
ZZZZZZ			19:32																				
ZZZZZZ			19:37																				
ZZZZZZ			19:42																				
ZZZZZZ			19:49																				
ZZZZZZ			19:55																				
ZZZZZZ			20:02																				
CCV 240-66205/115			20:07																				
CCB 240-66205/116			20:14																				
ZZZZZZ			20:19																				
ZZZZZZ			20:24																				
ZZZZZZ			20:29																				
ZZZZZZ			20:34																				
ZZZZZZ			20:39																				
ZZZZZZ			20:44																				
ZZZZZZ			20:49																				
ZZZZZZ			20:54																				
ZZZZZZ			20:59																				
ZZZZZZ			21:04																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
CCV 240-66205/127			21:11																					
CCB 240-66205/128			21:18																					
ZZZZZZ			21:23																					
ZZZZZZ			21:28																					
ZZZZZZ			21:33																					
ZZZZZZ			21:41																					
ZZZZZZ			21:48																					
ZZZZZZ			21:55																					
ZZZZZZ			22:00																					
ZZZZZZ			22:05																					
ZZZZZZ			22:10																					
ZZZZZZ			22:15																					
CCV 240-66205/139			22:20																					
CCB 240-66205/140			22:27																					
ZZZZZZ			22:32																					
ZZZZZZ			22:37																					
ZZZZZZ			22:42																					
ZZZZZZ			22:47																					
ZZZZZZ			22:52																					
ZZZZZZ			22:57																					
ZZZZZZ			23:02																					
ZZZZZZ			23:07																					
ZZZZZZ			23:12																					
ZZZZZZ			23:17																					
CCV 240-66205/151			23:25																					
CCB 240-66205/152			23:32																					
ZZZZZZ			23:37																					
ZZZZZZ			23:42																					
ZZZZZZ			23:47																					
ZZZZZZ			23:52																					
ZZZZZZ			23:57																					
ZZZZZZ			00:02																					
ZZZZZZ			00:07																					
ZZZZZZ			00:12																					
ZZZZZZ			00:17																					
CCV 240-66205/162			00:22																					
CCB 240-66205/163			00:29																					
ZZZZZZ			00:34																					
ZZZZZZ			00:39																					
ZZZZZZ			00:44																					
ZZZZZZ			00:49																					
ZZZZZZ			00:56																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			01:01																				
CCV 240-66205/170			01:06																				
CCB 240-66205/171			01:13																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
ICIS 240-66869/1	1		09:58	X																			
STD2 240-66869/2 IC	1		10:03	X																			
STD3 240-66869/3 IC	1		10:10	X																			
STD4 240-66869/4 IC	1		10:17	X																			
ICV 240-66869/5	1		10:23	X																			
ICB 240-66869/6	1		10:30	X																			
CRI 240-66869/7	1		10:35	X																			
CRI 240-66869/8			10:41																				
ICSA 240-66869/9	1		10:46	X																			
ICSAB 240-66869/10	1		10:52	X																			
CCV 240-66869/11			10:59																				
CCB 240-66869/12			11:06																				
ZZZZZZ			11:12																				
ZZZZZZ			11:17																				
ZZZZZZ			11:22																				
ZZZZZZ			11:30																				
ZZZZZZ			11:35																				
ZZZZZZ			11:40																				
ZZZZZZ			11:48																				
ZZZZZZ			11:55																				
ZZZZZZ			12:02																				
CCV 240-66869/22			12:07																				
CCB 240-66869/23			12:15																				
CRI 240-66869/24			12:20																				
ZZZZZZ			12:26																				
ZZZZZZ			12:31																				
ZZZZZZ			12:38																				
ZZZZZZ			12:44																				
ZZZZZZ			12:49																				
ZZZZZZ			12:55																				
ZZZZZZ			13:00																				
ZZZZZZ			13:06																				
ZZZZZZ			13:11																				
CCV 240-66869/34			13:17																				
CCB 240-66869/35			13:24																				
ZZZZZZ			13:29																				
ZZZZZZ			13:35																				
ZZZZZZ			13:41																				
ZZZZZZ			13:46																				
ZZZZZZ			13:51																				
ZZZZZZ			13:57																				
ZZZZZZ			14:04																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe																				
ZZZZZZ			14:10																					
ZZZZZZ			14:15																					
ZZZZZZ			14:22																					
CCV 240-66869/46			14:30																					
CCB 240-66869/47			14:37																					
ZZZZZZ			14:42																					
ZZZZZZ			14:48																					
ZZZZZZ			14:53																					
ZZZZZZ			14:59																					
ZZZZZZ			15:04																					
ZZZZZZ			15:10																					
ZZZZZZ			15:15																					
ZZZZZZ			15:21																					
ZZZZZZ			15:26																					
ZZZZZZ			15:32																					
CCV 240-66869/58			15:37																					
CCB 240-66869/59			15:44																					
ZZZZZZ			15:50																					
ZZZZZZ			15:55																					
ZZZZZZ			16:01																					
ZZZZZZ			16:06																					
ZZZZZZ			16:12																					
ZZZZZZ			16:19																					
ZZZZZZ			16:24																					
ZZZZZZ			16:30																					
ZZZZZZ			16:37																					
ZZZZZZ			16:45																					
CCV 240-66869/70			16:50																					
CCB 240-66869/71			16:57																					
ZZZZZZ			17:03																					
ZZZZZZ			17:08																					
ZZZZZZ			17:14																					
ZZZZZZ			17:19																					
ZZZZZZ			17:25																					
ZZZZZZ			17:30																					
ZZZZZZ			17:36																					
ZZZZZZ			17:41																					
ZZZZZZ			17:47																					
ZZZZZZ			17:52																					
CCV 240-66869/82			17:58																					
CCB 240-66869/83			18:04																					
ZZZZZZ			18:10																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe																				
ZZZZZZ			18:15																					
ZZZZZZ			18:21																					
ZZZZZZ			18:26																					
ZZZZZZ			18:34																					
ZZZZZZ			18:39																					
ZZZZZZ			18:45																					
ZZZZZZ			18:52																					
ZZZZZZ			18:59																					
ZZZZZZ			19:04																					
CCV 240-66869/94			19:10																					
CCB 240-66869/95			19:17																					
ZZZZZZ			19:22																					
ZZZZZZ			19:28																					
ZZZZZZ			19:33																					
ZZZZZZ			19:39																					
ZZZZZZ			19:44																					
ZZZZZZ			19:50																					
ZZZZZZ			19:56																					
ZZZZZZ			20:01																					
ZZZZZZ			20:07																					
ZZZZZZ			20:12																					
CCV 240-66869/106			20:18																					
CCB 240-66869/107			20:24																					
ICSA 240-66869/108	1		20:30	X																				
ICSAB 240-66869/109	1		20:35	X																				
CCV 240-66869/110			20:42																					
CCB 240-66869/111			20:50																					
ZZZZZZ			20:55																					
ZZZZZZ			21:01																					
ZZZZZZ			21:08																					
ZZZZZZ			21:14																					
ZZZZZZ			21:19																					
ZZZZZZ			21:26																					
CCV 240-66869/118			21:34																					
CCB 240-66869/119			21:41																					
ZZZZZZ			21:46																					
ZZZZZZ			21:52																					
ZZZZZZ			21:57																					
ZZZZZZ			22:03																					
ZZZZZZ			22:08																					
ZZZZZZ			22:14																					
ZZZZZZ			22:20																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe																				
ZZZZZZ			22:25																					
ZZZZZZ			22:31																					
ZZZZZZ			22:36																					
CCV 240-66869/130			22:42																					
CCB 240-66869/131			22:48																					
ZZZZZZ			22:54																					
ZZZZZZ			22:59																					
ZZZZZZ			23:05																					
ZZZZZZ			23:10																					
ZZZZZZ			23:16																					
ZZZZZZ			23:22																					
ZZZZZZ			23:27																					
ZZZZZZ			23:33																					
ZZZZZZ			23:38																					
ZZZZZZ			23:44																					
CCV 240-66869/142			23:49																					
CCB 240-66869/143			23:55																					
ZZZZZZ			00:01																					
ZZZZZZ			00:08																					
ZZZZZZ			00:14																					
ZZZZZZ			00:19																					
ZZZZZZ			00:26																					
ZZZZZZ			00:34																					
ZZZZZZ			00:39																					
ZZZZZZ			00:45																					
ZZZZZZ			00:50																					
ZZZZZZ			00:56																					
CCV 240-66869/154			01:01																					
CCB 240-66869/155			01:08																					
ZZZZZZ			01:13																					
ZZZZZZ			01:19																					
ZZZZZZ			01:25																					
ZZZZZZ			01:30																					
ZZZZZZ			01:36																					
ZZZZZZ			01:41																					
ZZZZZZ			01:47																					
ZZZZZZ			01:52																					
ZZZZZZ			01:58																					
ZZZZZZ			02:03																					
CCV 240-66869/166			02:09																					
CCB 240-66869/167			02:16																					
ZZZZZZ			02:21																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe																				
ZZZZZZ			02:27																					
ZZZZZZ			02:32																					
ZZZZZZ			02:38																					
ZZZZZZ			02:43																					
ZZZZZZ			02:49																					
ZZZZZZ			02:56																					
ZZZZZZ			03:02																					
ZZZZZZ			03:07																					
ZZZZZZ			03:14																					
CCV 240-66869/178			03:22																					
CCB 240-66869/179			03:29																					
ZZZZZZ			03:34																					
ZZZZZZ			03:40																					
ZZZZZZ			03:45																					
ZZZZZZ			03:51																					
ZZZZZZ			03:57																					
ZZZZZZ			04:02																					
ZZZZZZ			04:08																					
ZZZZZZ			04:13																					
ZZZZZZ			04:19																					
ZZZZZZ			04:24																					
CCV 240-66869/190			04:30																					
CCB 240-66869/191			04:36																					
ZZZZZZ			04:42																					
ZZZZZZ			04:48																					
ZZZZZZ			04:53																					
ZZZZZZ			04:59																					
ZZZZZZ			05:04																					
ZZZZZZ			05:10																					
ZZZZZZ			05:15																					
ZZZZZZ			05:21																					
ZZZZZZ			05:27																					
ZZZZZZ			05:32																					
CCV 240-66869/202	1		05:38	X																				
CCB 240-66869/203	1		05:44	X																				
240-17422-4	5	T	05:50	X																				
ZZZZZZ			05:55																					
ZZZZZZ			06:01																					
ZZZZZZ			06:06																					
240-17422-10	5	T	06:12	X																				
CCV 240-66869/209	1		06:17	X																				
CCB 240-66869/210	1		06:24	X																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe																			
CRI 240-66869/211	1		06:30	X																			
ZZZZZZ			06:36																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	Type	Time	Analytes																				
				Mn																				
ICIS 240-67023/1	1		09:27	X																				
STD2 240-67023/2 IC	1		09:33	X																				
STD3 240-67023/3 IC	1		09:39	X																				
STD4 240-67023/4 IC	1		09:46	X																				
ICV 240-67023/5	1		09:51	X																				
ICB 240-67023/6	1		09:58	X																				
CRI 240-67023/7	1		10:03	X																				
ICSA 240-67023/8	1		10:09	X																				
ICSAB 240-67023/9	1		10:14	X																				
CCV 240-67023/10			10:21																					
CCB 240-67023/11			10:28																					
ZZZZZZ			10:33																					
ZZZZZZ			10:39																					
ZZZZZZ			10:44																					
ZZZZZZ			10:50																					
ZZZZZZ			10:55																					
ZZZZZZ			11:00																					
ZZZZZZ			11:06																					
CCV 240-67023/19	1		11:11	X																				
CCB 240-67023/20	1		11:18	X																				
ZZZZZZ			11:24																					
ZZZZZZ			11:29																					
ZZZZZZ			11:35																					
ZZZZZZ			11:40																					
ZZZZZZ			11:46																					
ZZZZZZ			11:51																					
ZZZZZZ			11:56																					
240-17422-9 DU	10	T	12:02	X																				
240-17422-9 MS	10	T	12:08	X																				
CCV 240-67023/30	1		12:13	X																				
CCB 240-67023/31	1		12:20	X																				
240-17422-9	20	T	12:25	X																				
CRI 240-67023/33	1		12:31	X																				
ZZZZZZ			12:36																					
ZZZZZZ			12:42																					
ZZZZZZ			12:47																					
ZZZZZZ			12:53																					
CCV 240-67023/38	1		12:58	X																				
CCB 240-67023/39	1		13:04	X																				
ZZZZZZ			13:10																					
ZZZZZZ			13:15																					
ZZZZZZ			13:23																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				Mn																			
ZZZZZZ			13:28																				
ZZZZZZ			13:34																				
ZZZZZZ			13:41																				
ZZZZZZ			13:48																				
ZZZZZZ			13:54																				
ZZZZZZ			13:59																				
ZZZZZZ			14:04																				
CCV 240-67023/50			14:10																				
CCB 240-67023/51			14:17																				
ZZZZZZ			14:22																				
ZZZZZZ			14:28																				
ZZZZZZ			14:33																				
ZZZZZZ			14:39																				
ZZZZZZ			14:45																				
ZZZZZZ			14:50																				
ZZZZZZ			14:56																				
ZZZZZZ			15:01																				
ZZZZZZ			15:07																				
ZZZZZZ			15:12																				
CCV 240-67023/62			15:18																				
CCB 240-67023/63			15:24																				
ZZZZZZ			15:30																				
ZZZZZZ			15:35																				
ZZZZZZ			15:41																				
ZZZZZZ			15:46																				
ZZZZZZ			15:52																				
ZZZZZZ			15:57																				
ZZZZZZ			16:03																				
ZZZZZZ			16:10																				
ZZZZZZ			16:15																				
ZZZZZZ			16:21																				
CCV 240-67023/74			16:28																				
CCB 240-67023/75			16:36																				
ZZZZZZ			16:41																				
ZZZZZZ			16:48																				
ZZZZZZ			16:54																				
ZZZZZZ			16:59																				
ZZZZZZ			17:05																				
ZZZZZZ			17:10																				
ZZZZZZ			17:16																				
ZZZZZZ			17:21																				
ZZZZZZ			17:27																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	Type	Time	Analytes																				
				Mn																				
ZZZZZZ			17:32																					
CCV 240-67023/86			17:38																					
CCB 240-67023/87			17:45																					
ZZZZZZ			17:50																					
ZZZZZZ			17:56																					
ZZZZZZ			18:01																					
ZZZZZZ			18:07																					
ZZZZZZ			18:12																					
ZZZZZZ			18:18																					
ZZZZZZ			18:23																					
ZZZZZZ			18:29																					
ZZZZZZ			18:34																					
ZZZZZZ			18:40																					
CCV 240-67023/98			18:45																					
CCB 240-67023/99			18:52																					
ZZZZZZ			18:57																					
ZZZZZZ			19:03																					
ZZZZZZ			19:10																					
ZZZZZZ			19:15																					
ZZZZZZ			19:21																					
ZZZZZZ			19:28																					
ZZZZZZ			19:35																					
ZZZZZZ			19:41																					
ZZZZZZ			19:46																					
ZZZZZZ			19:52																					
CCV 240-67023/110			19:58																					
CCB 240-67023/111			20:04																					
ZZZZZZ			20:10																					
ZZZZZZ			20:15																					
ZZZZZZ			20:21																					
ICSA 240-67023/115			20:26																					
ICSAB 240-67023/116			20:32																					
ZZZZZZ			20:39																					
ZZZZZZ			20:44																					
ZZZZZZ			20:51																					
ZZZZZZ			20:57																					
ZZZZZZ			21:02																					
CCV 240-67023/122			21:10																					
CCB 240-67023/123			21:17																					
ZZZZZZ			21:22																					
ZZZZZZ			21:30																					
ZZZZZZ			21:35																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				Mn																			
ZZZZZZ			21:41																				
ZZZZZZ			21:46																				
ZZZZZZ			21:52																				
ZZZZZZ			21:57																				
ZZZZZZ			22:03																				
ZZZZZZ			22:08																				
ZZZZZZ			22:14																				
CCV 240-67023/134			22:19																				
CCB 240-67023/135			22:26																				
ZZZZZZ			22:31																				
ZZZZZZ			22:37																				
ZZZZZZ			22:42																				
ZZZZZZ			22:48																				
ZZZZZZ			22:53																				
ZZZZZZ			22:59																				
ZZZZZZ			23:04																				
ZZZZZZ			23:10																				
ZZZZZZ			23:15																				
ZZZZZZ			23:21																				
CCV 240-67023/146			23:27																				
CCB 240-67023/147			23:33																				
ZZZZZZ			23:39																				
ZZZZZZ			23:44																				
ZZZZZZ			23:52																				
ZZZZZZ			23:57																				
ZZZZZZ			00:03																				
ZZZZZZ			00:10																				
ZZZZZZ			00:17																				
ZZZZZZ			00:23																				
ZZZZZZ			00:28																				
ZZZZZZ			00:34																				
CCV 240-67023/158			00:39																				
CCB 240-67023/159			00:45																				
ZZZZZZ			00:51																				
ZZZZZZ			00:56																				
ZZZZZZ			01:02																				
ZZZZZZ			01:08																				
ZZZZZZ			01:13																				
ZZZZZZ			01:19																				
ZZZZZZ			01:24																				
ZZZZZZ			01:30																				
ZZZZZZ			01:35																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	Type	Time	Analytes																			
				Mn																			
CCV 240-67023/169			01:41																				
CCB 240-67023/170			01:47																				
ZZZZZZ			01:52																				
ZZZZZZ			01:59																				
ZZZZZZ			02:07																				
ZZZZZZ			02:14																				
CCV 240-67023/175			02:21																				
CCB 240-67023/176			02:29																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ICIS 240-68088/1	1		08:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 240-68088/2 IC	1		08:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 240-68088/3 IC	1		08:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD4 240-68088/4 IC	1		09:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 240-68088/5	1		09:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 240-68088/6	1		09:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 240-68088/7	1		09:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 240-68088/8	1		09:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 240-68088/9	1		09:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-68088/10			09:38																				
CCB 240-68088/11			09:46																				
ZZZZZZ			09:51																				
ZZZZZZ			09:58																				
ZZZZZZ			10:05																				
CCV 240-68088/15			10:10																				
CCB 240-68088/16			10:17																				
ZZZZZZ			10:22																				
ZZZZZZ			10:27																				
ZZZZZZ			10:35																				
CCV 240-68088/20	1		10:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-68088/21	1		10:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 240-65311/1-A	1	R	10:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 240-65311/2-A	1	R	10:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-13	1	R	11:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-13 SD	5	R	11:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-13 DU	1	R	11:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-13 MS	1	R	11:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-13 PDS	1	R	11:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:38																				
ZZZZZZ			11:43																				
ZZZZZZ			11:48																				
CCV 240-68088/32	1		11:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-68088/33	1		12:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-14	1	R	12:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17422-15	1	R	12:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:19																				
ZZZZZZ			12:24																				
ZZZZZZ			12:29																				
CCV 240-68088/39	1		12:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-68088/40	1		12:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:46																				
CRI 240-68088/42	1		12:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			12:57																					
CCV 240-68088/44			13:02																					
CCB 240-68088/45			13:09																					
ZZZZZZ			13:14																					
ZZZZZZ			13:19																					
ZZZZZZ			13:27																					
ZZZZZZ			13:34																					
ZZZZZZ			13:39																					
ZZZZZZ			13:46																					
ZZZZZZ			13:53																					
ZZZZZZ			14:00																					
ZZZZZZ			14:08																					
ZZZZZZ			14:15																					
CCV 240-68088/56			14:22																					
CCB 240-68088/57			14:29																					
ZZZZZZ			14:36																					
ZZZZZZ			14:41																					
ZZZZZZ			14:46																					
ZZZZZZ			14:51																					
ZZZZZZ			14:56																					
ZZZZZZ			15:01																					
ZZZZZZ			15:06																					
ZZZZZZ			15:11																					
CCV 240-68088/66			15:16																					
CCB 240-68088/67			15:23																					
ZZZZZZ			15:28																					
ZZZZZZ			15:33																					
ZZZZZZ			15:38																					
ZZZZZZ			15:43																					
ZZZZZZ			15:48																					
ZZZZZZ			15:53																					
ZZZZZZ			15:58																					
ZZZZZZ			16:03																					
ZZZZZZ			16:08																					
ZZZZZZ			16:13																					
CCV 240-68088/78			16:18																					
CCB 240-68088/79			16:25																					
ZZZZZZ			16:30																					
ZZZZZZ			16:37																					
ZZZZZZ			16:45																					
ZZZZZZ			16:50																					
ZZZZZZ			16:57																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			17:04																				
ZZZZZZ			17:11																				
ZZZZZZ			17:18																				
ZZZZZZ			17:26																				
ZZZZZZ			17:30																				
CCV 240-68088/90			17:38																				
CCB 240-68088/91			17:45																				
ZZZZZZ			17:52																				
ZZZZZZ			17:59																				
ZZZZZZ			18:06																				
ZZZZZZ			18:14																				
ZZZZZZ			18:19																				
ZZZZZZ			18:24																				
ZZZZZZ			18:29																				
ZZZZZZ			18:34																				
ZZZZZZ			18:39																				
ZZZZZZ			18:44																				
CCV 240-68088/102			18:48																				
CCB 240-68088/103			18:56																				
ZZZZZZ			19:01																				
ZZZZZZ			19:06																				
ZZZZZZ			19:11																				
ZZZZZZ			19:16																				
ZZZZZZ			19:21																				
ZZZZZZ			19:26																				
ZZZZZZ			19:31																				
ZZZZZZ			19:36																				
ZZZZZZ			19:43																				
ZZZZZZ			19:50																				
CCV 240-68088/114			19:55																				
CCB 240-68088/115			20:02																				
ICSA 240-68088/116			20:10																				
ICSAB 240-68088/117			20:14																				
CCV 240-68088/118			20:22																				
CCB 240-68088/119			20:29																				
ZZZZZZ			20:36																				
ZZZZZZ			20:43																				
ZZZZZZ			20:51																				
ZZZZZZ			20:58																				
ZZZZZZ			21:05																				
ZZZZZZ			21:10																				
CCV 240-68088/126			21:15																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 240-68088/127			21:22																				
ZZZZZZ			21:29																				
ZZZZZZ			21:35																				
ZZZZZZ			21:40																				
ZZZZZZ			21:45																				
ZZZZZZ			21:50																				
ZZZZZZ			21:55																				
ZZZZZZ			22:00																				
ZZZZZZ			22:04																				
ZZZZZZ			22:09																				
ZZZZZZ			22:14																				
CCV 240-68088/138			22:19																				
CCB 240-68088/139			22:27																				
ZZZZZZ			22:32																				
ZZZZZZ			22:37																				
ZZZZZZ			22:42																				
ZZZZZZ			22:47																				
ZZZZZZ			22:52																				
CCV 240-68088/145			22:57																				
CCB 240-68088/146			23:04																				
ZZZZZZ			23:09																				
ZZZZZZ			23:14																				
ZZZZZZ			23:22																				
ZZZZZZ			23:29																				
ZZZZZZ			23:34																				
ZZZZZZ			23:39																				
CCV 240-68088/153			23:44																				
CCB 240-68088/154			23:51																				
ZZZZZZ			23:56																				
ZZZZZZ			00:01																				
ZZZZZZ			00:09																				
ZZZZZZ			00:14																				
ZZZZZZ			00:19																				
ZZZZZZ			00:26																				
ZZZZZZ			00:33																				
ZZZZZZ			00:40																				
ZZZZZZ			00:45																				
ZZZZZZ			00:50																				
CCV 240-68088/165			00:56																				
CCB 240-68088/166			01:03																				
ZZZZZZ			01:08																				
ZZZZZZ			01:13																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			01:18																					
ZZZZZZ			01:23																					
ZZZZZZ			01:28																					
ZZZZZZ			01:33																					
ZZZZZZ			01:38																					
ZZZZZZ			01:43																					
ZZZZZZ			01:48																					
ZZZZZZ			01:53																					
CCV 240-68088/177			01:58																					
CCB 240-68088/178			02:05																					
ZZZZZZ			02:10																					
ZZZZZZ			02:15																					
ZZZZZZ			02:20																					
ZZZZZZ			02:25																					
ZZZZZZ			02:33																					
ZZZZZZ			02:38																					
ZZZZZZ			02:43																					
ZZZZZZ			02:50																					
ZZZZZZ			02:57																					
ZZZZZZ			03:03																					
CCV 240-68088/189			03:08																					
CCB 240-68088/190			03:15																					
ZZZZZZ			03:20																					
ZZZZZZ			03:25																					
ZZZZZZ			03:30																					
ZZZZZZ			03:35																					
ZZZZZZ			03:40																					
ZZZZZZ			03:45																					
ZZZZZZ			03:50																					
ZZZZZZ			03:55																					
ZZZZZZ			04:00																					
ZZZZZZ			04:05																					
CCV 240-68088/201			04:10																					
CCB 240-68088/202			04:18																					
ZZZZZZ			04:23																					
ZZZZZZ			04:28																					
ZZZZZZ			04:33																					
ZZZZZZ			04:38																					
CCV 240-68088/207			04:43																					
CCB 240-68088/208			04:50																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ICIS 240-68088/1	1		08:43	X	X																			
STD2 240-68088/2 IC	1		08:48	X	X																			
STD3 240-68088/3 IC	1		08:55	X	X																			
STD4 240-68088/4 IC	1		09:03	X	X																			
ICV 240-68088/5	1		09:08	X	X																			
ICB 240-68088/6	1		09:15	X	X																			
CRI 240-68088/7	1		09:20	X	X																			
ICSA 240-68088/8	1		09:26	X	X																			
ICSAB 240-68088/9	1		09:31	X	X																			
CCV 240-68088/10			09:38																					
CCB 240-68088/11			09:46																					
ZZZZZZ			09:51																					
ZZZZZZ			09:58																					
ZZZZZZ			10:05																					
CCV 240-68088/15			10:10																					
CCB 240-68088/16			10:17																					
ZZZZZZ			10:22																					
ZZZZZZ			10:27																					
ZZZZZZ			10:35																					
CCV 240-68088/20	1		10:42	X	X																			
CCB 240-68088/21	1		10:49	X	X																			
MB 240-65311/1-A	1	R	10:54	X	X																			
LCS 240-65311/2-A	1	R	10:59	X	X																			
240-17422-13	1	R	11:06	X	X																			
240-17422-13 SD	5	R	11:13	X	X																			
240-17422-13 DU	1	R	11:18	X	X																			
240-17422-13 MS	1	R	11:23	X	X																			
240-17422-13 PDS	1	R	11:30	X	X																			
ZZZZZZ			11:38																					
ZZZZZZ			11:43																					
ZZZZZZ			11:48																					
CCV 240-68088/32	1		11:55	X	X																			
CCB 240-68088/33	1		12:02	X	X																			
240-17422-14	1	R	12:09	X	X																			
240-17422-15	1	R	12:14	X	X																			
ZZZZZZ			12:19																					
ZZZZZZ			12:24																					
ZZZZZZ			12:29																					
CCV 240-68088/39	1		12:34	X	X																			
CCB 240-68088/40	1		12:41	X	X																			
ZZZZZZ			12:46																					
CRI 240-68088/42	1		12:52	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			12:57																				
CCV 240-68088/44			13:02																				
CCB 240-68088/45			13:09																				
ZZZZZZ			13:14																				
ZZZZZZ			13:19																				
ZZZZZZ			13:27																				
ZZZZZZ			13:34																				
ZZZZZZ			13:39																				
ZZZZZZ			13:46																				
ZZZZZZ			13:53																				
ZZZZZZ			14:00																				
ZZZZZZ			14:08																				
ZZZZZZ			14:15																				
CCV 240-68088/56			14:22																				
CCB 240-68088/57			14:29																				
ZZZZZZ			14:36																				
ZZZZZZ			14:41																				
ZZZZZZ			14:46																				
ZZZZZZ			14:51																				
ZZZZZZ			14:56																				
ZZZZZZ			15:01																				
ZZZZZZ			15:06																				
ZZZZZZ			15:11																				
CCV 240-68088/66			15:16																				
CCB 240-68088/67			15:23																				
ZZZZZZ			15:28																				
ZZZZZZ			15:33																				
ZZZZZZ			15:38																				
ZZZZZZ			15:43																				
ZZZZZZ			15:48																				
ZZZZZZ			15:53																				
ZZZZZZ			15:58																				
ZZZZZZ			16:03																				
ZZZZZZ			16:08																				
ZZZZZZ			16:13																				
CCV 240-68088/78			16:18																				
CCB 240-68088/79			16:25																				
ZZZZZZ			16:30																				
ZZZZZZ			16:37																				
ZZZZZZ			16:45																				
ZZZZZZ			16:50																				
ZZZZZZ			16:57																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			17:04																				
ZZZZZZ			17:11																				
ZZZZZZ			17:18																				
ZZZZZZ			17:26																				
ZZZZZZ			17:30																				
CCV 240-68088/90			17:38																				
CCB 240-68088/91			17:45																				
ZZZZZZ			17:52																				
ZZZZZZ			17:59																				
ZZZZZZ			18:06																				
ZZZZZZ			18:14																				
ZZZZZZ			18:19																				
ZZZZZZ			18:24																				
ZZZZZZ			18:29																				
ZZZZZZ			18:34																				
ZZZZZZ			18:39																				
ZZZZZZ			18:44																				
CCV 240-68088/102			18:48																				
CCB 240-68088/103			18:56																				
ZZZZZZ			19:01																				
ZZZZZZ			19:06																				
ZZZZZZ			19:11																				
ZZZZZZ			19:16																				
ZZZZZZ			19:21																				
ZZZZZZ			19:26																				
ZZZZZZ			19:31																				
ZZZZZZ			19:36																				
ZZZZZZ			19:43																				
ZZZZZZ			19:50																				
CCV 240-68088/114			19:55																				
CCB 240-68088/115			20:02																				
ICSA 240-68088/116			20:10																				
ICSAB 240-68088/117			20:14																				
CCV 240-68088/118			20:22																				
CCB 240-68088/119			20:29																				
ZZZZZZ			20:36																				
ZZZZZZ			20:43																				
ZZZZZZ			20:51																				
ZZZZZZ			20:58																				
ZZZZZZ			21:05																				
ZZZZZZ			21:10																				
CCV 240-68088/126			21:15																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 240-68088/127			21:22																				
ZZZZZZ			21:29																				
ZZZZZZ			21:35																				
ZZZZZZ			21:40																				
ZZZZZZ			21:45																				
ZZZZZZ			21:50																				
ZZZZZZ			21:55																				
ZZZZZZ			22:00																				
ZZZZZZ			22:04																				
ZZZZZZ			22:09																				
ZZZZZZ			22:14																				
CCV 240-68088/138			22:19																				
CCB 240-68088/139			22:27																				
ZZZZZZ			22:32																				
ZZZZZZ			22:37																				
ZZZZZZ			22:42																				
ZZZZZZ			22:47																				
ZZZZZZ			22:52																				
CCV 240-68088/145			22:57																				
CCB 240-68088/146			23:04																				
ZZZZZZ			23:09																				
ZZZZZZ			23:14																				
ZZZZZZ			23:22																				
ZZZZZZ			23:29																				
ZZZZZZ			23:34																				
ZZZZZZ			23:39																				
CCV 240-68088/153			23:44																				
CCB 240-68088/154			23:51																				
ZZZZZZ			23:56																				
ZZZZZZ			00:01																				
ZZZZZZ			00:09																				
ZZZZZZ			00:14																				
ZZZZZZ			00:19																				
ZZZZZZ			00:26																				
ZZZZZZ			00:33																				
ZZZZZZ			00:40																				
ZZZZZZ			00:45																				
ZZZZZZ			00:50																				
CCV 240-68088/165			00:56																				
CCB 240-68088/166			01:03																				
ZZZZZZ			01:08																				
ZZZZZZ			01:13																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			01:18																				
ZZZZZZ			01:23																				
ZZZZZZ			01:28																				
ZZZZZZ			01:33																				
ZZZZZZ			01:38																				
ZZZZZZ			01:43																				
ZZZZZZ			01:48																				
ZZZZZZ			01:53																				
CCV 240-68088/177			01:58																				
CCB 240-68088/178			02:05																				
ZZZZZZ			02:10																				
ZZZZZZ			02:15																				
ZZZZZZ			02:20																				
ZZZZZZ			02:25																				
ZZZZZZ			02:33																				
ZZZZZZ			02:38																				
ZZZZZZ			02:43																				
ZZZZZZ			02:50																				
ZZZZZZ			02:57																				
ZZZZZZ			03:03																				
CCV 240-68088/189			03:08																				
CCB 240-68088/190			03:15																				
ZZZZZZ			03:20																				
ZZZZZZ			03:25																				
ZZZZZZ			03:30																				
ZZZZZZ			03:35																				
ZZZZZZ			03:40																				
ZZZZZZ			03:45																				
ZZZZZZ			03:50																				
ZZZZZZ			03:55																				
ZZZZZZ			04:00																				
ZZZZZZ			04:05																				
CCV 240-68088/201			04:10																				
CCB 240-68088/202			04:18																				
ZZZZZZ			04:23																				
ZZZZZZ			04:28																				
ZZZZZZ			04:33																				
ZZZZZZ			04:38																				
CCV 240-68088/207			04:43																				
CCB 240-68088/208			04:50																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: I8 Method: 6020/DOD

Start Date: 12/10/2012 08:43 End Date: 12/11/2012 04:50

Prep Types
R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 11/27/2012 10:16 End Date: 11/27/2012 18:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 240-66340/1-A			10:16	X																			
IC 240-66340/2-A			10:18	X																			
IC 240-66340/3-A			10:21	X																			
IC 240-66340/4-A			10:23	X																			
IC 240-66340/5-A			10:25	X																			
IC 240-66340/6-A			10:28	X																			
ICV 240-66340/7-A	1		10:32	X																			
ICB 240-66340/8-A	1		10:34	X																			
CRA 240-66340/9-A	1		10:37	X																			
CCVL 240-66340/10-A	1		11:33	X																			
CCB 240-66340/12-A			11:36																				
ZZZZZZ			11:38																				
ZZZZZZ			11:40																				
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
ZZZZZZ			11:55																				
ZZZZZZ			11:58																				
ZZZZZZ			12:00																				
CCV 240-66340/11-A			12:03																				
CCB 240-66340/12-A			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
ZZZZZZ			12:12																				
ZZZZZZ			12:14																				
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
ZZZZZZ			12:21																				
ZZZZZZ			12:24																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
CCV 240-66340/11-A			12:32																				
CCB 240-66340/12-A			12:34																				
ZZZZZZ			12:37																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:47																				
ZZZZZZ			12:49																				
ZZZZZZ			12:51																				

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 11/27/2012 10:16 End Date: 11/27/2012 18:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			12:54																					
ZZZZZZ			12:56																					
ZZZZZZ			12:58																					
CCV 240-66340/11-A			13:01																					
CCB 240-66340/12-A			13:03																					
ZZZZZZ			13:05																					
ZZZZZZ			13:07																					
ZZZZZZ			13:10																					
ZZZZZZ			13:12																					
ZZZZZZ			13:14																					
ZZZZZZ			13:17																					
ZZZZZZ			13:19																					
ZZZZZZ			13:21																					
ZZZZZZ			13:23																					
ZZZZZZ			13:26																					
CCV 240-66340/11-A			13:28																					
CCB 240-66340/12-A			13:30																					
ZZZZZZ			13:33																					
ZZZZZZ			13:35																					
ZZZZZZ			13:37																					
ZZZZZZ			13:40																					
ZZZZZZ			13:42																					
ZZZZZZ			13:45																					
ZZZZZZ			13:47																					
ZZZZZZ			13:50																					
CCV 240-66340/11-A			13:52																					
CCB 240-66340/12-A			13:54																					
CCV 240-66340/11-A			14:26																					
CCB 240-66340/12-A			14:29																					
ZZZZZZ			14:31																					
ZZZZZZ			14:34																					
ZZZZZZ			14:36																					
ZZZZZZ			14:38																					
ZZZZZZ			14:40																					
ZZZZZZ			14:43																					
ZZZZZZ			14:45																					
ZZZZZZ			14:47																					
ZZZZZZ			14:51																					
ZZZZZZ			14:53																					
CCV 240-66340/11-A			14:56																					
CCB 240-66340/12-A			14:58																					
ZZZZZZ			15:01																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 11/27/2012 10:16 End Date: 11/27/2012 18:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			15:03																					
ZZZZZZ			15:05																					
ZZZZZZ			15:08																					
ZZZZZZ			15:10																					
ZZZZZZ			15:13																					
ZZZZZZ			15:15																					
ZZZZZZ			15:17																					
ZZZZZZ			15:20																					
ZZZZZZ			15:22																					
CCV 240-66340/11-A			15:24																					
CCB 240-66340/12-A			15:27																					
ZZZZZZ			15:29																					
ZZZZZZ			15:31																					
ZZZZZZ			15:34																					
ZZZZZZ			15:36																					
ZZZZZZ			15:38																					
ZZZZZZ			15:40																					
ZZZZZZ			15:43																					
ZZZZZZ			15:45																					
ZZZZZZ			15:48																					
ZZZZZZ			15:50																					
CCV 240-66340/11-A	1		15:52	X																				
CCB 240-66340/12-A	1		15:55	X																				
ZZZZZZ			15:57																					
240-17422-13	1	T	15:59	X																				
240-17422-13 DU	1	T	16:01	X																				
240-17422-13 MS	1	T	16:05	X																				
ZZZZZZ			16:07																					
ZZZZZZ			16:09																					
ZZZZZZ			16:11																					
ZZZZZZ			16:14																					
ZZZZZZ			16:16																					
ZZZZZZ			16:19																					
CCV 240-66340/11-A	1		16:21	X																				
CCB 240-66340/12-A	1		16:23	X																				
ZZZZZZ			16:26																					
ZZZZZZ			16:28																					
240-17422-15	1	T	16:31	X																				
ZZZZZZ			16:33																					
240-17422-14	1	T	16:36	X																				
ZZZZZZ			16:38																					
ZZZZZZ			16:40																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 11/27/2012 10:16 End Date: 11/27/2012 18:10

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			16:42																					
ZZZZZZ			16:45																					
ZZZZZZ			16:48																					
CCV 240-66340/11-A	1		16:50	X																				
CCB 240-66340/12-A	1		16:52	X																				
ZZZZZZ			16:55																					
ZZZZZZ			16:57																					
ZZZZZZ			16:59																					
ZZZZZZ			17:02																					
ZZZZZZ			17:04																					
ZZZZZZ			17:07																					
ZZZZZZ			17:09																					
ZZZZZZ			17:11																					
ZZZZZZ			17:14																					
ZZZZZZ			17:16																					
CCV 240-66340/11-A			17:19																					
CCB 240-66340/12-A			17:21																					
ZZZZZZ			17:24																					
ZZZZZZ			17:26																					
ZZZZZZ			17:29																					
ZZZZZZ			17:31																					
ZZZZZZ			17:33																					
ZZZZZZ			17:36																					
ZZZZZZ			17:38																					
ZZZZZZ			17:40																					
ZZZZZZ			17:42																					
ZZZZZZ			17:45																					
CCV 240-66340/11-A			17:47																					
CCB 240-66340/12-A			17:49																					
ZZZZZZ			17:52																					
ZZZZZZ			17:54																					
ZZZZZZ			17:56																					
ZZZZZZ			17:59																					
ZZZZZZ			18:01																					
ZZZZZZ			18:03																					
CRA 240-66340/9-A	1		18:06	X																				
CCV 240-66340/11-A			18:08																					
CCB 240-66340/12-A			18:10																					

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/16/2012 09:03 End Date: 11/16/2012 19:52

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
IC 240-65225/1-A			09:03	X																				
IC 240-65225/2-A			09:05	X																				
IC 240-65225/3-A			09:06	X																				
IC 240-65225/4-A			09:07	X																				
IC 240-65225/5-A			09:09	X																				
IC 240-65225/6-A			09:10	X																				
ICV 240-65225/7-A	1		09:12	X																				
ICB 240-65225/8-A	1		09:14	X																				
CRA 240-65225/9-A	1		09:16	X																				
CCV 240-65225/10-A			09:25																					
CCB 240-65225/11-A			09:26																					
ZZZZZZ			09:28																					
ZZZZZZ			09:29																					
ZZZZZZ			09:31																					
ZZZZZZ			09:33																					
ZZZZZZ			09:34																					
ZZZZZZ			09:36																					
CCV 240-65225/10-A			09:37																					
CCB 240-65225/11-A			09:38																					
CCV 240-65225/10-A			18:08																					
CCB 240-65225/11-A			18:10																					
ZZZZZZ			18:11																					
ZZZZZZ			18:13																					
ZZZZZZ			18:15																					
ZZZZZZ			18:16																					
ZZZZZZ			18:18																					
ZZZZZZ			18:19																					
ZZZZZZ			18:21																					
ZZZZZZ			18:22																					
ZZZZZZ			18:23																					
ZZZZZZ			18:25																					
CCV 240-65225/10-A			18:26																					
CCB 240-65225/11-A			18:28																					
ZZZZZZ			18:30																					
ZZZZZZ			18:31																					
ZZZZZZ			18:32																					
ZZZZZZ			18:34																					
ZZZZZZ			18:35																					
ZZZZZZ			18:36																					
ZZZZZZ			18:38																					
ZZZZZZ			18:39																					
ZZZZZZ			18:41																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/16/2012 09:03 End Date: 11/16/2012 19:52

Lab Sample ID	D/F	Type	Time	Analytes																				
				Hg																				
ZZZZZZ			18:42																					
CCV 240-65225/10-A	1		18:44	X																				
CCB 240-65225/11-A	1		18:45	X																				
ZZZZZZ			18:47																					
ZZZZZZ			18:48																					
ZZZZZZ			18:50																					
ZZZZZZ			18:52																					
ZZZZZZ			18:53																					
ZZZZZZ			18:54																					
ZZZZZZ			18:56																					
ZZZZZZ			18:57																					
MB 240-65204/1-A	1	T	18:59	X																				
LCS 240-65204/2-A	1	T	19:00	X																				
CCV 240-65225/10-A	1		19:01	X																				
CCB 240-65225/11-A	1		19:03	X																				
240-17422-2	1	T	19:04	X																				
240-17422-2 DU	1	T	19:05	X																				
240-17422-2 MS	1	T	19:07	X																				
ZZZZZZ			19:08																					
ZZZZZZ			19:10																					
ZZZZZZ			19:11																					
ZZZZZZ			19:12																					
240-17422-1	1	T	19:14	X																				
240-17422-3	1	T	19:15	X																				
240-17422-4	1	T	19:16	X																				
CCV 240-65225/10-A	1		19:18	X																				
CCB 240-65225/11-A	1		19:20	X																				
240-17422-5	1	T	19:21	X																				
240-17422-6	1	T	19:22	X																				
240-17422-6 DU	1	T	19:24	X																				
240-17422-6 MS	1	T	19:26	X																				
ZZZZZZ			19:28																					
240-17422-8	1	T	19:29	X																				
240-17422-9	1	T	19:30	X																				
240-17422-9 DU	1	T	19:32	X																				
240-17422-9 MS	1	T	19:33	X																				
240-17422-10	1	T	19:35	X																				
CCV 240-65225/10-A	1		19:36	X																				
CCB 240-65225/11-A	1		19:38	X																				
240-17422-11	1	T	19:40	X																				
240-17422-12	1	T	19:41	X																				
ZZZZZZ			19:42																					

13-IN
ANALYSIS RUN LOG
METALS

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

SDG No.:

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/16/2012 09:03 End Date: 11/16/2012 19:52

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			19:44																				
ZZZZZZ			19:45																				
ZZZZZZ			19:46																				
ZZZZZZ			19:48																				
CRA 240-65225/9-A	1		19:49	X																			
CCV 240-65225/10-A	1		19:51	X																			
CCB 240-65225/11-A	1		19:52	X																			

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 11/23/2012 End Date: 11/23/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-66205/1	09:28	100		100		100		100		100	
STD2 240-66205/2 IC	09:33	94		96		95		92		94	
STD3 240-66205/3 IC	09:40	96		99		106		99		101	
STD4 240-66205/4 IC	09:47	93		93		94		95		95	
ICV 240-66205/5	09:52	93		94		97		93		94	
ICB 240-66205/6	09:59	89		90		91		90		92	
CRI 240-66205/7	10:04	88		87		89		87		90	
ICSA 240-66205/8	10:09	87		85		91		90		92	
ICSAB 240-66205/9	10:18	92		93		95		95		97	
CCV 240-66205/58	14:48	80		80		84		82		84	
CCB 240-66205/59	14:55	80		82		83		83		84	
MB 240-65198/1-A	15:10	77		77		80		81		81	
LCS 240-65198/2-A	15:15	77		78		82		81		83	
240-17422-2	15:22	85		91		92		92		91	
240-17422-2 SD	15:27	86		84		85		84		85	
240-17422-2 DU	15:32	84		84		85		83		84	
240-17422-2 MS	15:37	88		87		88		84		86	
240-17422-2 PDS	15:44	90		93		94		92		91	
CCV 240-66205/70	15:56	93		92		92		89		89	
CCB 240-66205/71	16:04	88		88		87		87		87	
240-17422-1	16:23	81		91		91		92		92	
240-17422-3	16:28	79		83		84		81		84	
240-17422-4	16:33	82		88		93		89		91	
240-17422-5	16:38	85		89		93		91		92	
240-17422-6	16:43	86		90		93		90		92	
240-17422-6 DU	16:48	85		90		93		90		91	
240-17422-6 MS	16:53	85		91		96		92		93	
CCV 240-66205/82	17:00	83		88		90		88		88	
CCB 240-66205/83	17:08	78		82		84		84		86	
240-17422-8	17:18	77		81		82		82		83	
240-17422-9	17:22	81		88		82		79		81	
240-17422-9 DU	17:27	76		77		81		76		79	
240-17422-9 MS	17:32	78		78		82		77		79	
240-17422-10	17:39	76		78		81		76		78	
240-17422-11	17:44	79		75		78		75		77	
240-17422-12	17:49	79		77		80		77		78	
CCV 240-66205/94	18:04	87		87		89		87		86	
CCB 240-66205/95	18:11	79		81		83		82		83	
CRI 240-66205/101	18:46	75		76		80		78		81	

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 11/23/2012 End Date: 11/23/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-66205/1	09:28			100		100					
STD2 240-66205/2 IC	09:33			96		89					
STD3 240-66205/3 IC	09:40			100		88					
STD4 240-66205/4 IC	09:47			94		98					
ICV 240-66205/5	09:52			95		90					
ICB 240-66205/6	09:59			92		95					
CRI 240-66205/7	10:04			90		93					
ICSA 240-66205/8	10:09			91		88					
ICSAB 240-66205/9	10:18			95		92					
CCV 240-66205/58	14:48			91		83					
CCB 240-66205/59	14:55			89		90					
MB 240-65198/1-A	15:10			89		88					
LCS 240-65198/2-A	15:15			91		87					
240-17422-2	15:22			102		92					
240-17422-2 SD	15:27			92		89					
240-17422-2 DU	15:32			97		86					
240-17422-2 MS	15:37			97		85					
240-17422-2 PDS	15:44			101		92					
CCV 240-66205/70	15:56			96		87					
CCB 240-66205/71	16:04			93		92					
240-17422-1	16:23			104		96					
240-17422-3	16:28			98		87					
240-17422-4	16:33			108		90					
240-17422-5	16:38			106		93					
240-17422-6	16:43			108		92					
240-17422-6 DU	16:48			107		91					
240-17422-6 MS	16:53			108		89					
CCV 240-66205/82	17:00			96		87					
CCB 240-66205/83	17:08			92		91					
240-17422-8	17:18			94		87					
240-17422-9	17:22			101		86					
240-17422-9 DU	17:27			99		83					
240-17422-9 MS	17:32			98		82					
240-17422-10	17:39			100		82					
240-17422-11	17:44			91		81					
240-17422-12	17:49			87		82					
CCV 240-66205/94	18:04			94		85					
CCB 240-66205/95	18:11			89		89					
CRI 240-66205/101	18:46			87		87					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 11/29/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-66869/1	09:58	100		100		100		100		100	
STD2 240-66869/2 IC	10:03	86		87		87		87		90	
STD3 240-66869/3 IC	10:10	83		88		87		85		90	
STD4 240-66869/4 IC	10:17	90		95		90		94		97	
ICV 240-66869/5	10:23	89		92		88		88		92	
ICB 240-66869/6	10:30	92		94		90		93		96	
CRI 240-66869/7	10:35	91		94		91		93		96	
ICSA 240-66869/9	10:46	80		74		85		86		89	
ICSAB 240-66869/10	10:52	83		79		86		87		91	
ICSA 240-66869/108	20:30	65		74		58		61		70	
ICSAB 240-66869/109	20:35	69		76		60		63		71	
CCV 240-66869/202	05:38	58		64		53		56		66	
CCB 240-66869/203	05:44	56		64		48		55		65	
240-17422-4	05:50	55		64		50		56		66	
240-17422-9	05:55	67		75		60		64		74	
240-17422-9 DU	06:01	70		78		61		66		75	
240-17422-9 MS	06:06	71		77		60		64		74	
240-17422-10	06:12	71		89		61		66		75	
CCV 240-66869/209	06:17	55		60		51		54		64	
CCB 240-66869/210	06:24	54		60		46		52		62	
CRI 240-66869/211	06:30	52		59		45		51		62	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 11/29/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-66869/1	09:58			100		100					
STD2 240-66869/2 IC	10:03			96		90					
STD3 240-66869/3 IC	10:10			95		87					
STD4 240-66869/4 IC	10:17			99		103					
ICV 240-66869/5	10:23			97		93					
ICB 240-66869/6	10:30			98		102					
CRI 240-66869/7	10:35			98		102					
ICSA 240-66869/9	10:46			92		88					
ICSAB 240-66869/10	10:52			93		89					
ICSA 240-66869/108	20:30			82		83					
ICSAB 240-66869/109	20:35			84		86					
CCV 240-66869/202	05:38			84		88					
CCB 240-66869/203	05:44			81		94					
240-17422-4	05:50			87		94					
240-17422-9	05:55			94		101					
240-17422-9 DU	06:01			94		101					
240-17422-9 MS	06:06			94		100					
240-17422-10	06:12			96		102					
CCV 240-66869/209	06:17			82		86					
CCB 240-66869/210	06:24			79		91					
CRI 240-66869/211	06:30			78		90					

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 11/30/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-67023/1	09:27	100		100		100		100		100	
STD2 240-67023/2 IC	09:33	92		92		95		91		94	
STD3 240-67023/3 IC	09:39	88		94		94		91		94	
STD4 240-67023/4 IC	09:46	84		90		87		91		93	
ICV 240-67023/5	09:51	88		91		91		89		92	
ICB 240-67023/6	09:58	88		92		93		93		96	
CRI 240-67023/7	10:03	90		92		93		92		95	
ICSA 240-67023/8	10:09	81		82		87		86		90	
ICSAB 240-67023/9	10:14	82		84		87		86		91	
CCV 240-67023/19	11:11	87		84		90		87		90	
CCB 240-67023/20	11:18	85		84		89		89		92	
240-17422-9	11:56	86		85		95		94		97	
240-17422-9 DU	12:02	93		91		100		98		100	
240-17422-9 MS	12:08	97		94		103		99		102	
CCV 240-67023/30	12:13	80		76		86		85		88	
CCB 240-67023/31	12:20	80		78		85		86		90	
240-17422-9	12:25	80		79		87		87		92	
CRI 240-67023/33	12:31	78		76		80		81		87	
CCV 240-67023/38	12:58	80		76		85		82		87	
CCB 240-67023/39	13:04	81		77		82		83		88	

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 11/30/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-67023/1	09:27			100							
STD2 240-67023/2 IC	09:33			96							
STD3 240-67023/3 IC	09:39			96							
STD4 240-67023/4 IC	09:46			95							
ICV 240-67023/5	09:51			95							
ICB 240-67023/6	09:58			95							
CRI 240-67023/7	10:03			95							
ICSA 240-67023/8	10:09			91							
ICSAB 240-67023/9	10:14			92							
CCV 240-67023/19	11:11			94							
CCB 240-67023/20	11:18			93							
240-17422-9	11:56			99							
240-17422-9 DU	12:02			102							
240-17422-9 MS	12:08			102							
CCV 240-67023/30	12:13			92							
CCB 240-67023/31	12:20			91							
240-17422-9	12:25			94							
CRI 240-67023/33	12:31			89							
CCV 240-67023/38	12:58			91							
CCB 240-67023/39	13:04			89							

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 12/10/2012 End Date: 12/10/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-68088/1	08:43	100		100		100		100		100	
STD2 240-68088/2 IC	08:48	89		88		90		87		90	
STD3 240-68088/3 IC	08:55	81		83		87		82		86	
STD4 240-68088/4 IC	09:03	81		83		85		87		90	
ICV 240-68088/5	09:08	83		84		87		85		88	
ICB 240-68088/6	09:15	82		83		86		87		91	
CRI 240-68088/7	09:20	86		86		88		89		92	
ICSA 240-68088/8	09:26	80		79		85		83		87	
ICSAB 240-68088/9	09:31	80		79		85		83		87	
CCV 240-68088/20	10:42	87		84		90		87		91	
CCB 240-68088/21	10:49	85		83		87		87		92	
MB 240-65311/1-A	10:54	88		85		88		89		93	
LCS 240-65311/2-A	10:59	88		85		91		91		95	
240-17422-13	11:06	88		88		93		93		96	
240-17422-13 SD	11:13	93		89		93		93		96	
240-17422-13 DU	11:18	91		88		91		92		94	
240-17422-13 MS	11:23	90		84		89		87		91	
240-17422-13 PDS	11:30	84		82		88		88		91	
CCV 240-68088/32	11:55	91		86		90		88		91	
CCB 240-68088/33	12:02	86		83		87		87		91	
240-17422-14	12:09	87		86		92		92		96	
240-17422-15	12:14	90		88		91		92		95	
CCV 240-68088/39	12:34	93		87		91		87		90	
CCB 240-68088/40	12:41	84		82		85		86		91	
CRI 240-68088/42	12:52	89		85		88		89		93	

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

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

SDG No.:

ICP-MS Instrument ID: I8 Start Date: 12/10/2012 End Date: 12/10/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-68088/1	08:43			100		100					
STD2 240-68088/2 IC	08:48			94		86					
STD3 240-68088/3 IC	08:55			91		80					
STD4 240-68088/4 IC	09:03			93		95					
ICV 240-68088/5	09:08			93		86					
ICB 240-68088/6	09:15			93		95					
CRI 240-68088/7	09:20			95		96					
ICSA 240-68088/8	09:26			91		84					
ICSAB 240-68088/9	09:31			93		86					
CCV 240-68088/20	10:42			98		89					
CCB 240-68088/21	10:49			97		99					
MB 240-65311/1-A	10:54			98		101					
LCS 240-65311/2-A	10:59			101		99					
240-17422-13	11:06			102		99					
240-17422-13 SD	11:13			101		101					
240-17422-13 DU	11:18			100		98					
240-17422-13 MS	11:23			98		93					
240-17422-13 PDS	11:30			98		93					
CCV 240-68088/32	11:55			99		90					
CCB 240-68088/33	12:02			97		100					
240-17422-14	12:09			102		99					
240-17422-15	12:14			103		99					
CCV 240-68088/39	12:34			99		91					
CCB 240-68088/40	12:41			98		100					
CRI 240-68088/42	12:52			100		102					

MTMSCCBDILH20-66

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-23-12 Analyst: NGJ Instrument: I8

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution </= 0.9 AMU full width at 10% peak height, and within +/- 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be>8000cps) (In >300,000 cps) (Pb >100,000 cps) (Co>100000) (Mg>10000) (CeO/Ce<0.03) (Ba++/Ba<0.03) (Background < 30cps @ Mass 220) CCT Performance Check (In > 75000) (Se< 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (*ICV*: = 90 – 110%) (*CCV*: 90 – 110%, 200.8 = 85 -115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
3. CRI run and recovered within QC limits (+/-50%) or project limits?	✓			✓
4. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?	✓			✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie J Goth Date: 11-26-12 Time: 09:28-01:13
Level I Analyst: Date: Time:

Level II Reviewer: Roger L. Goth Date: 11-26-12 Time: 09:28 - 01:13
Level II Reviewer: Date: Time:

Comments:

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020 QSM DoD 4.2.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	11/26/2012 07:00:05
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

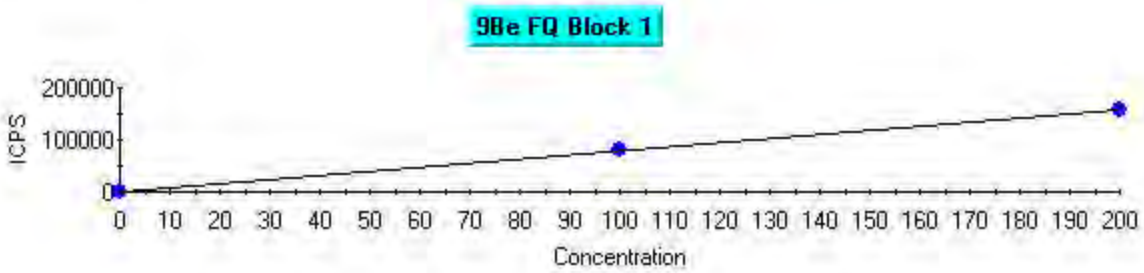
Column headings
- No flag
- Semi Quant
- Standard Addition
- Multi Element

Result cells
- Internal Standard
- Excluded
- QC Warning
- QC Failure

Transient TRA only:
- Peak Not Found
- Manually Edited
- Merged Peak

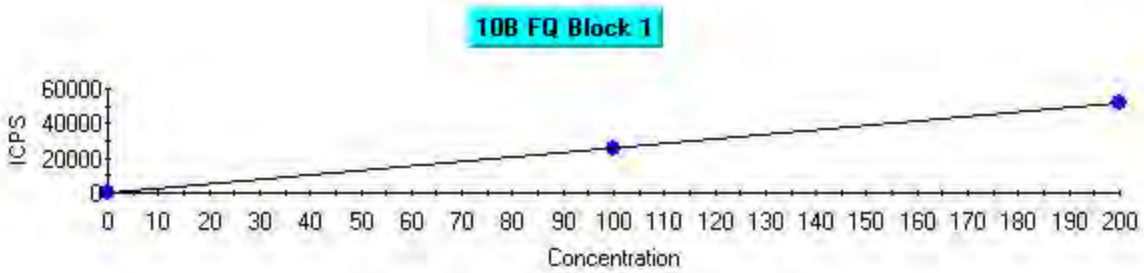
Data warning flags
I - Invalid calibration
T - Tripped
F - Interference correction failed
M - Result over max
V - Valley integration failed
D - Different method used

Fully Quant Calibration



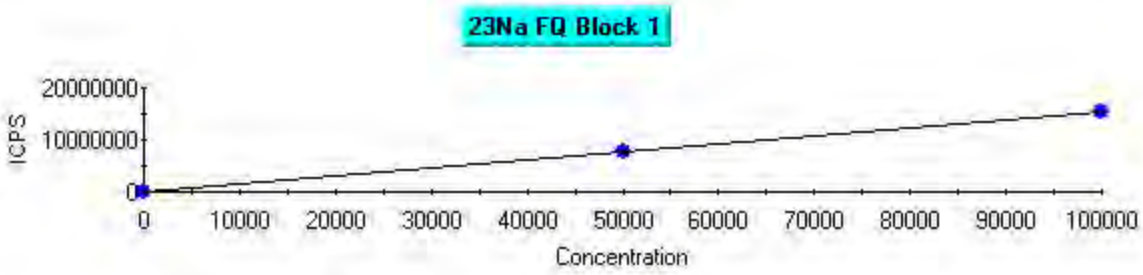
Intercept CPS=8.524257 Intercept Conc=0.010699
Sensitivity=796.744382 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	8.52	0.00
STD2-727016,	100.000	100.516	0.516	80094.47	0.52
STD3-664982,	200.000	199.742	0.258	159151.65	0.13



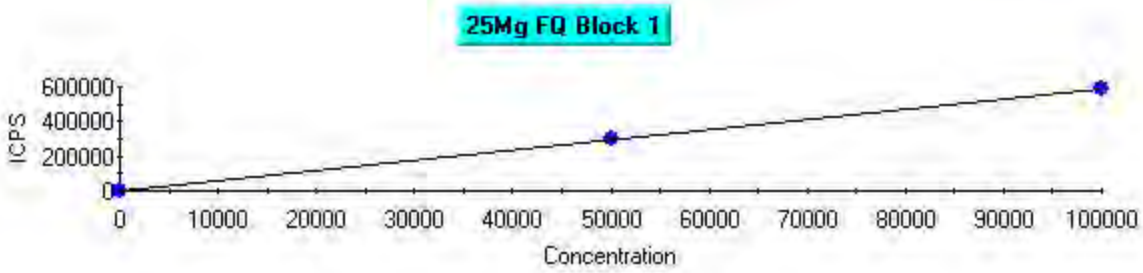
Intercept CPS=464.532816 Intercept Conc=1.803709
Sensitivity=257.543048 Correlation Coeff=0.999587

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	464.53	0.00
STD2-727016,	100.000	95.978	4.022	25182.91	4.02
STD4-664981,	200.000	202.011	2.011	52491.11	1.01



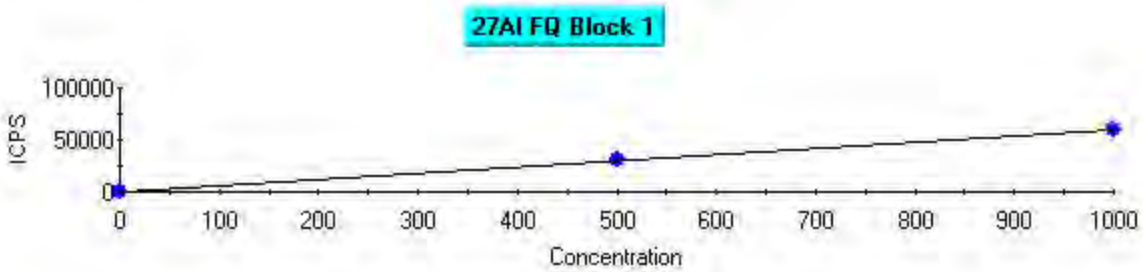
Intercept CPS=1323.449120 Intercept Conc=8.560799
Sensitivity=154.594108 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1323.45	0.00
STD2-727016,	50000.000	50206.307	206.307	7762922.64	0.41
STD3-664982,	100000.000	99896.847	103.153	15444787.39	0.10



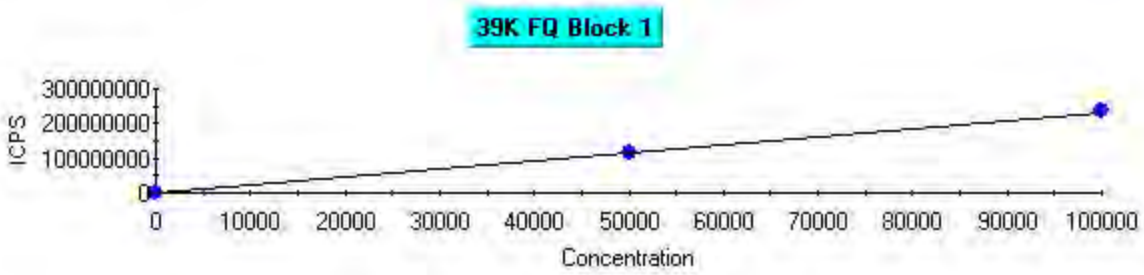
Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=5.929676 Correlation Coeff=0.999839

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	0.00	0.00
STD2-727016,	50000.000	51235.766	1235.766	303811.50	2.47
STD3-664982,	100000.000	99382.117	617.883	589303.76	0.62



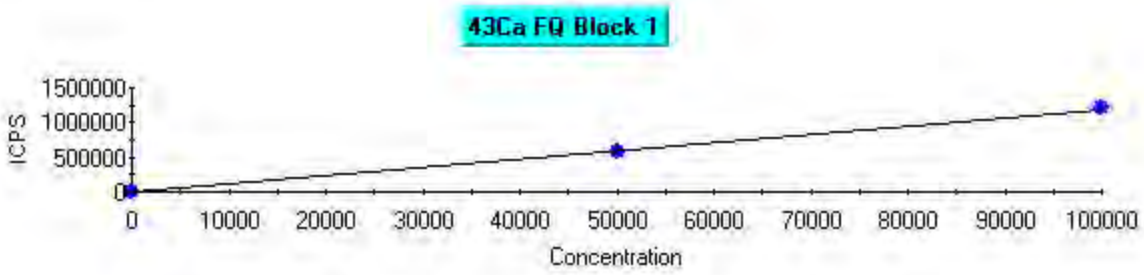
Intercept CPS=50.015592 Intercept Conc=0.837372
Sensitivity=59.729203 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	50.02	0.00
STD2-727016,	500.000	500.952	0.952	29971.50	0.19
STD3-664982,	1000.000	999.524	0.476	59750.78	0.05



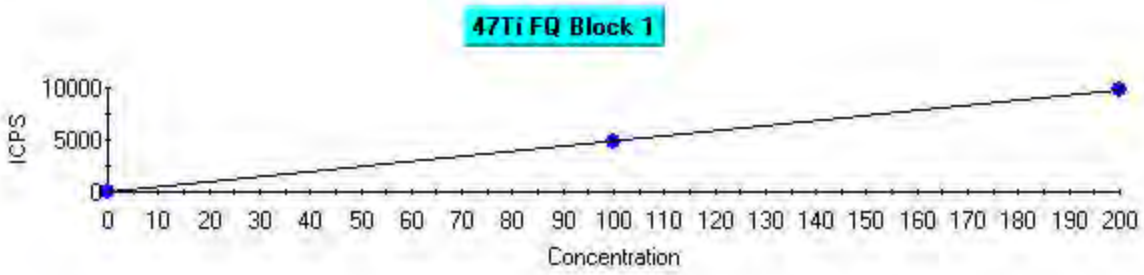
Intercept CPS=49087.270926 Intercept Conc=21.066638
Sensitivity=2330.095188 Correlation Coeff=0.999962

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	49087.27	0.00
STD2-727016,	50000.000	49393.089	606.911	115139686.05	1.21
STD3-664982,	100000.000	100303.456	303.456	233765686.34	0.30



Intercept CPS=280.166271 Intercept Conc=23.516290
Sensitivity=11.913711 Correlation Coeff=0.999766

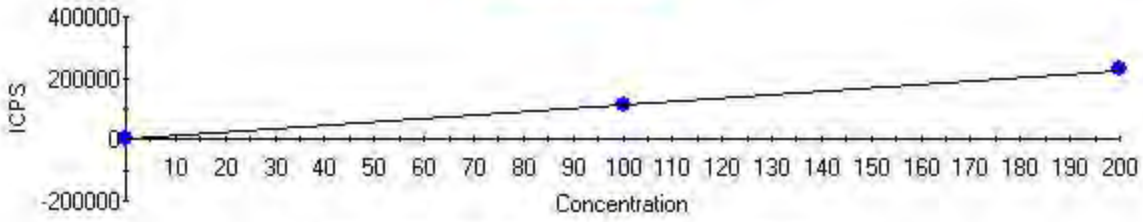
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	280.17	0.00
STD2-727016,	50000.000	48490.503	1509.497	577981.99	3.02
STD3-664982,	100000.000	100754.748	754.748	1200643.07	0.75



Intercept CPS=2.222487 Intercept Conc=0.045631
Sensitivity=48.705492 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2.22	0.00
STD2-727016,	100.000	99.621	0.379	4854.32	0.38
STD4-664981,	200.000	200.189	0.189	9752.55	0.09

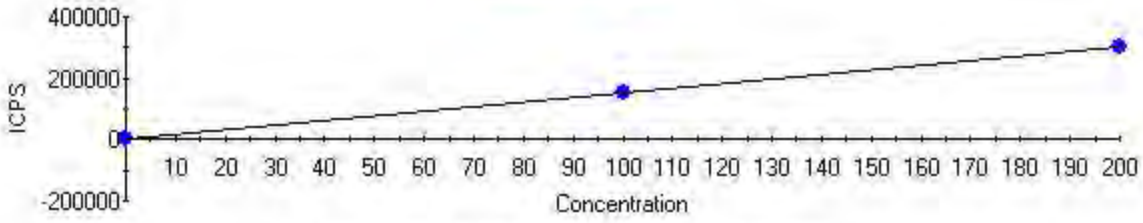
51V FQ Block 1



Intercept CPS=-306.282364 Intercept Conc=-0.270023
Sensitivity=1134.282933 Correlation Coeff=0.999967

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-306.28	0.00
STD2-727016,	100.000	98.876	1.124	111847.54	1.12
STD3-664982,	200.000	200.562	0.562	227187.54	0.28

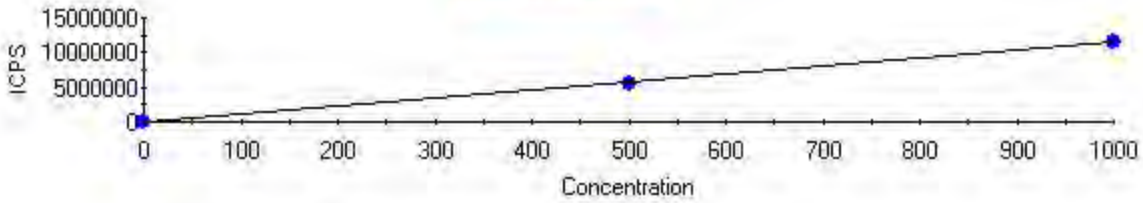
52Cr FQ Block 1



Intercept CPS=-816.567335 Intercept Conc=-0.538692
Sensitivity=1515.834652 Correlation Coeff=0.999990

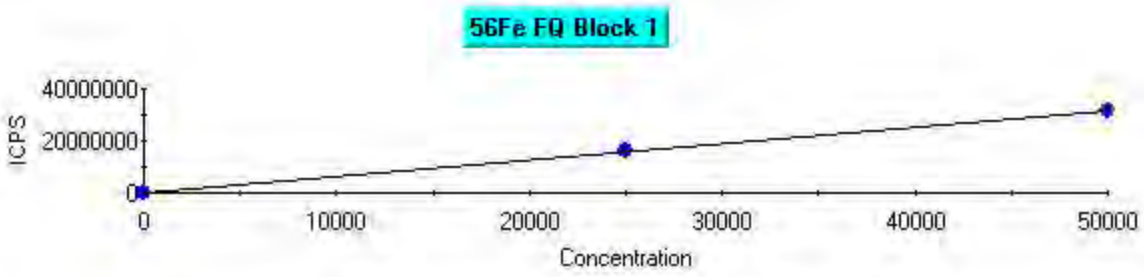
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-816.57	0.00
STD2-727016,	100.000	99.367	0.633	149807.94	0.63
STD3-664982,	200.000	200.316	0.316	302829.84	0.16

55Mn FQ Block 1



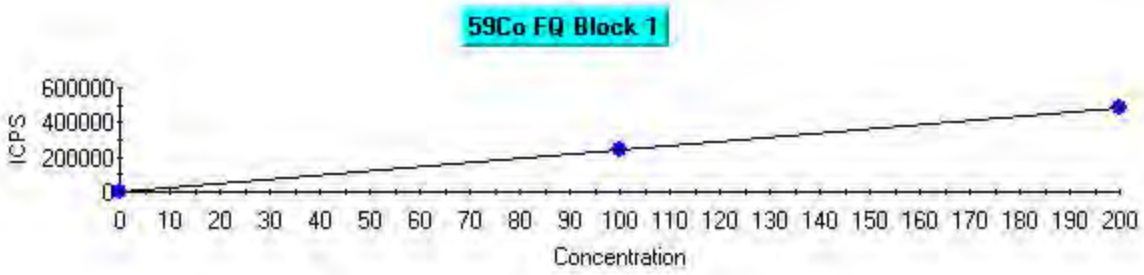
Intercept CPS=1447.095033 Intercept Conc=0.125425
Sensitivity=11537.565627 Correlation Coeff=0.999794

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1447.10	0.00
STD2-727016,	500.000	485.848	14.152	5606948.65	2.83
STD3-664982,	1000.000	1007.076	7.076	11620653.35	0.71



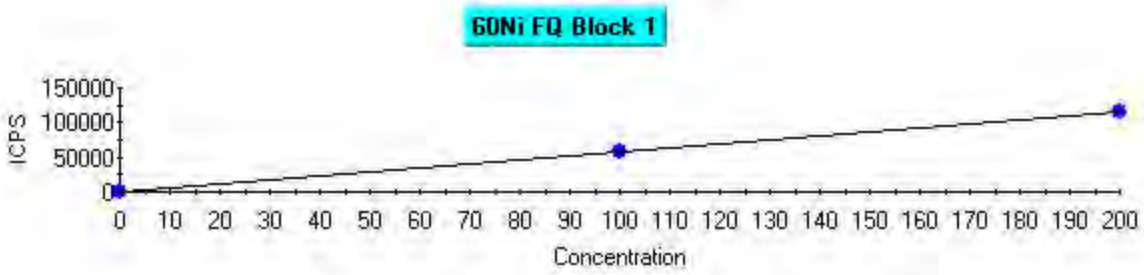
Intercept CPS=2214.459410 Intercept Conc=3.520584
Sensitivity=629.003471 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2214.46	0.00
STD2-727016,	25000.000	25129.577	129.577	15808805.87	0.52
STD3-664982,	50000.000	49935.211	64.789	31411635.69	0.13



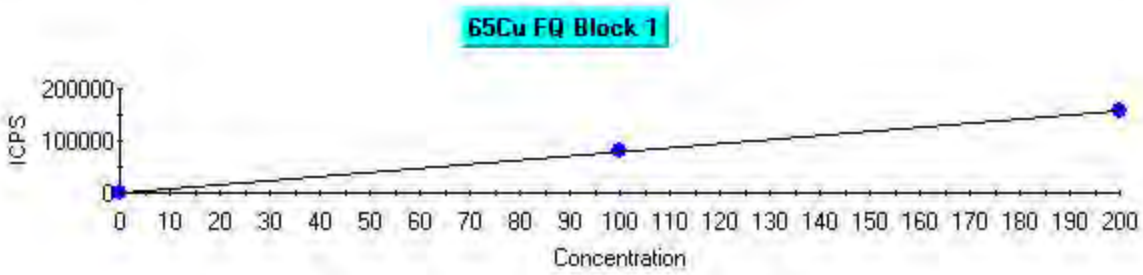
Intercept CPS=1.111997 Intercept Conc=0.000458
Sensitivity=2430.526430 Correlation Coeff=0.999983

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1.11	0.00
STD2-727016,	100.000	99.201	0.799	241112.74	0.80
STD3-664982,	200.000	200.399	0.399	487076.90	0.20



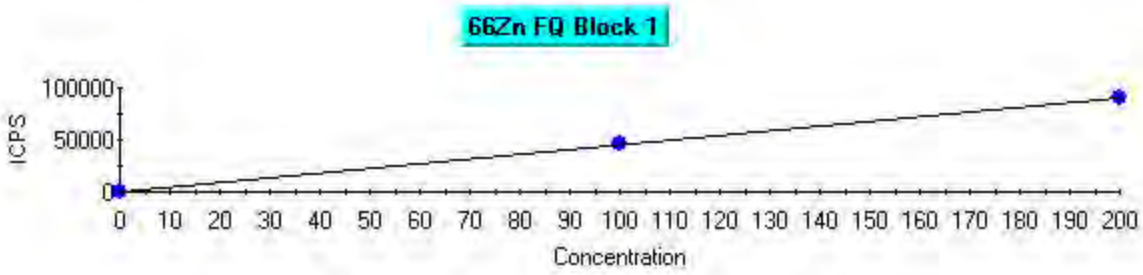
Intercept CPS=14.449967 Intercept Conc=0.025285
Sensitivity=571.492451 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	14.45	0.00
STD2-727016,	100.000	100.504	0.504	57451.70	0.50
STD3-664982,	200.000	199.748	0.252	114168.94	0.13



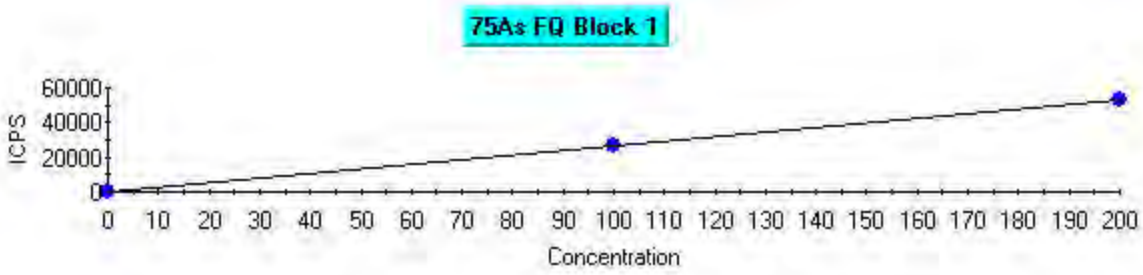
Intercept CPS=33.326521 Intercept Conc=0.042335
Sensitivity=787.208661 Correlation Coeff=0.999944

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	33.33	0.00
STD2-727016,	100.000	101.460	1.460	79903.46	1.46
STD3-664982,	200.000	199.270	0.730	156900.42	0.36



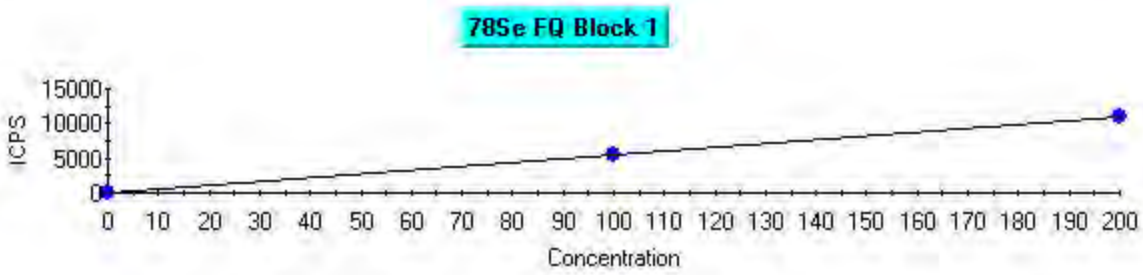
Intercept CPS=554.401353 Intercept Conc=1.231301
Sensitivity=450.256716 Correlation Coeff=0.999810

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	554.40	0.00
STD2-727016,	100.000	102.682	2.682	46787.66	2.68
STD3-664982,	200.000	198.659	1.341	90001.95	0.67



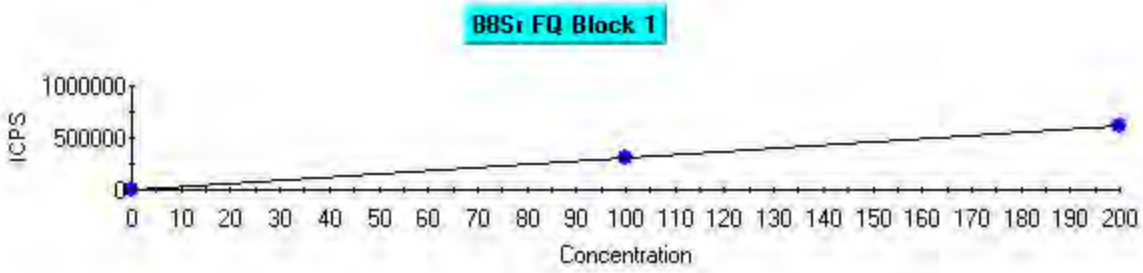
Intercept CPS=488.195917 Intercept Conc=1.847894
Sensitivity=264.190417 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	488.20	0.00
STD2-727016,	100.000	98.993	1.007	26641.32	1.01
STD3-664982,	200.000	200.503	0.503	53459.24	0.25



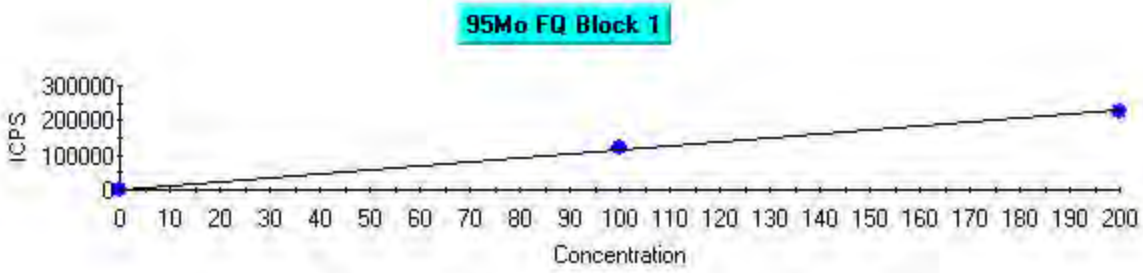
Intercept CPS=11.763301 Intercept Conc=0.215661
Sensitivity=54.545316 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	11.76	0.00
STD2-727016,	100.000	100.902	0.902	5515.47	0.90
STD3-664982,	200.000	199.549	0.451	10896.24	0.23



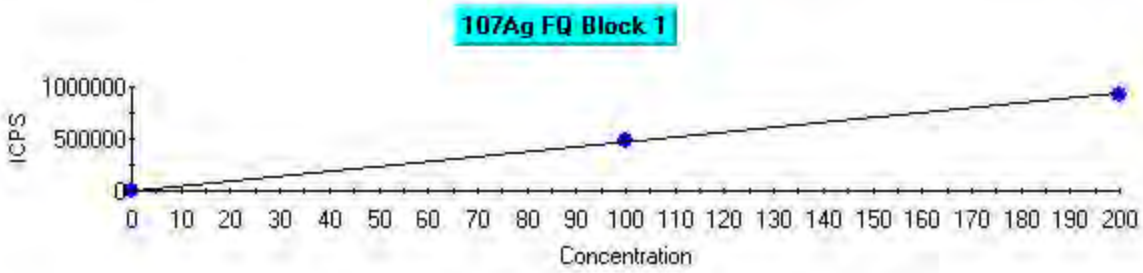
Intercept CPS=64.440849 Intercept Conc=0.021141
Sensitivity=3048.075964 Correlation Coeff=0.999939

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	64.44	0.00
STD2-727016,	100.000	98.462	1.538	300183.37	1.54
STD3-664982,	200.000	200.769	0.769	612023.97	0.38



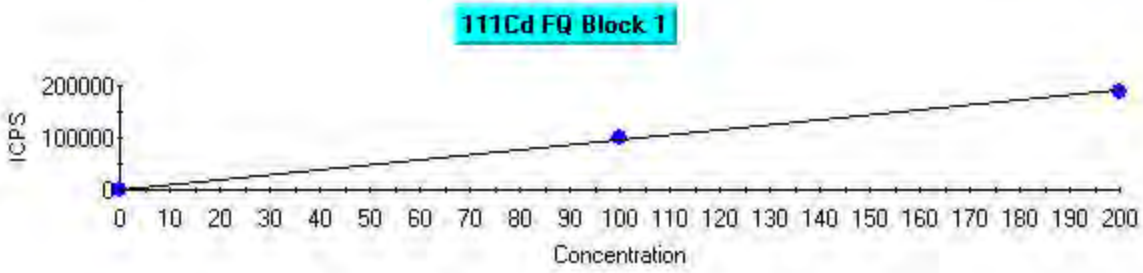
Intercept CPS=625.578500 Intercept Conc=0.545508
Sensitivity=1146.780605 Correlation Coeff=0.999442

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	625.58	0.00
STD2-727016,	100.000	104.576	4.576	120551.57	4.58
STD4-664981,	200.000	197.712	2.288	227357.73	1.14



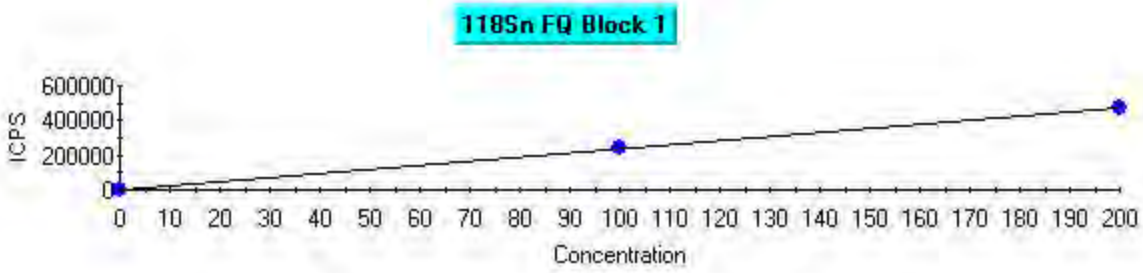
Intercept CPS=7.788744 Intercept Conc=0.001665
Sensitivity=4677.562500 Correlation Coeff=0.999830

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	7.79	0.00
STD2-727016,	100.000	102.541	2.541	479650.21	2.54
STD3-664982,	200.000	198.729	1.271	929577.20	0.64



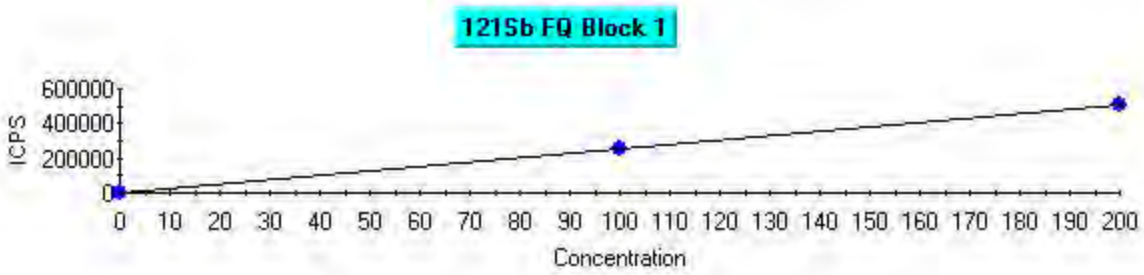
Intercept CPS=11.843653 Intercept Conc=0.012369
Sensitivity=957.525389 Correlation Coeff=0.999710

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	11.84	0.00
STD2-727016,	100.000	103.309	3.309	98932.66	3.31
STD3-664982,	200.000	198.346	1.654	189932.78	0.83



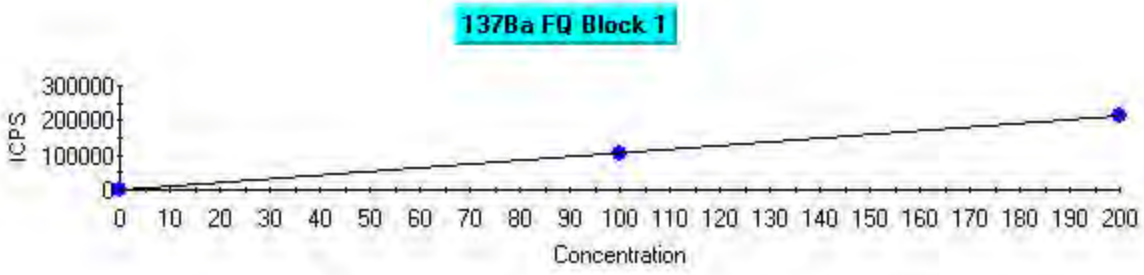
Intercept CPS=259.965633 Intercept Conc=0.110167
Sensitivity=2359.736433 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	259.97	0.00
STD2-727016,	100.000	100.164	0.164	236619.58	0.16
STD4-664981,	200.000	199.918	0.082	472014.27	0.04



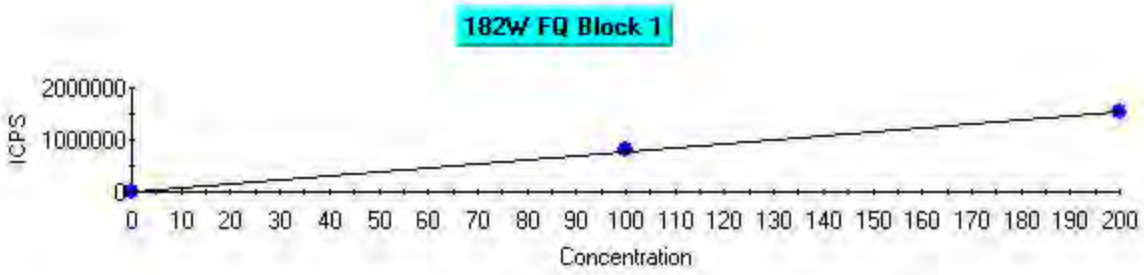
Intercept CPS=34.460279 Intercept Conc=0.013682
Sensitivity=2518.629719 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	34.46	0.00
STD2-727016,	100.000	100.689	0.689	253633.70	0.69
STD4-664981,	200.000	199.655	0.345	502892.27	0.17



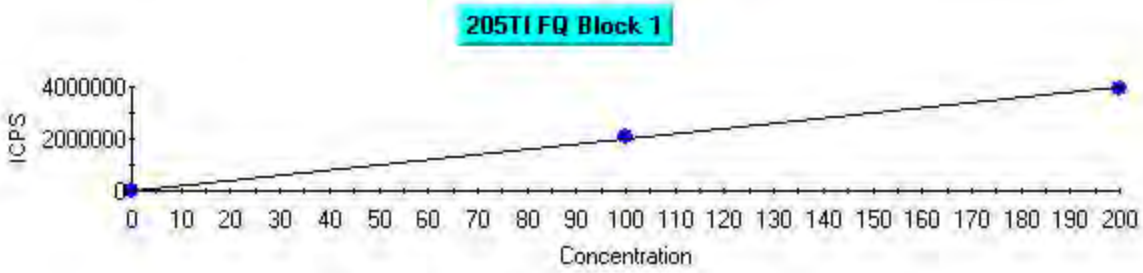
Intercept CPS=194.503009 Intercept Conc=0.182347
Sensitivity=1066.665488 Correlation Coeff=0.999977

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	194.50	0.00
STD2-727016,	100.000	99.062	0.938	105860.16	0.94
STD3-664982,	200.000	200.469	0.469	214028.05	0.23



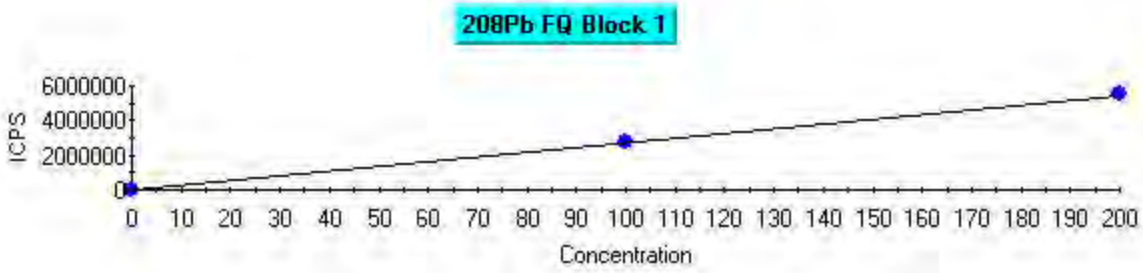
Intercept CPS=317.827802 Intercept Conc=0.040900
Sensitivity=7770.922289 Correlation Coeff=0.999598

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	317.83	0.00
STD2-727016,	100.000	103.891	3.891	807647.37	3.89
STD4-664981,	200.000	198.054	1.946	1539383.63	0.97



Intercept CPS=388.979563 Intercept Conc=0.019603
Sensitivity=19842.942729 Correlation Coeff=0.999655

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	388.98	0.00
STD2-727016,	100.000	103.607	3.607	2056262.06	3.61
STD3-664982,	200.000	198.196	1.804	3933188.12	0.90



Intercept CPS=660.996900 Intercept Conc=0.024154
Sensitivity=27366.093209 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	661.00	0.00
STD2-727016,	100.000	99.100	0.900	2712629.04	0.90
STD3-664982,	200.000	200.450	0.450	5486200.28	0.23

Dilution Corrected Concentrations

ICISM=6020 11/23/2012 09:28:34

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.000%	-0.000	0.000
%RSD		0.497	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	0.000	-0.000
%RSD		T 0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 100.000%	100.000%	0.000
%RSD		T 1.511	0.376	0.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		100.000%	-0.000	0.000
%RSD		0.266	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		-0.000	100.000%	0.000
%RSD		0.000	0.573	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.000%	-0.000	-0.000
%RSD		0.355	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.000	100.000%	
%RSD		0.000	0.592	

STD2-727016, 11/23/2012 09:33:28

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.850%	100.500	95.980
%RSD		1.535	1.258	0.937
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50210.000	51240.000	501.000
%RSD		T 0.370	0.508	0.947
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 49390.000	48490.000
%RSD		T 0.000	T 0.528	0.268
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.924%	95.231%	99.620
%RSD		0.296	0.252	1.743
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.880	99.370	10.700
%RSD		1.627	0.287	4.654
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 485.800	T 25130.000	99.200
%RSD		T 0.190	T 0.146	1.259
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.500	101.500	102.700
%RSD		0.709	0.555	0.335
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.221%	98.990	-0.780
%RSD		0.300	0.708	8.237
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.900	98.460	104.600
%RSD		0.525	0.954	0.823
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.500	39.190
%RSD		0.000	1.175	37.690
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.300	93.983%	100.200
%RSD		1.478	0.582	0.460
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.700	99.060	0.000
%RSD		0.312	0.545	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.760%	103.900	103.600
%RSD		0.319	0.579	0.204
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.100	89.427%	
%RSD		0.576	0.230	

STD3-664982, 11/23/2012 09:40:37

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		96.398%	M 199.700	0.763
%RSD		1.035	M 0.690	49.090
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 99900.000	99380.000	M 999.500
%RSD		TM 0.222	0.192	M 1.103
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 100300.000	M 100800.000
%RSD		T 0.000	TM 2.329	M 2.054
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 98.543%	105.718%	0.127
%RSD		T 0.827	0.974	128.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 200.600	M 200.300	26.160
%RSD		M 0.225	M 0.276	0.264
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1007.000	TM 49940.000	M 200.400
%RSD		TM 1.797	TM 0.129	M 0.384
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 199.700	M 199.300	198.700
%RSD		M 0.239	M 1.056	0.467
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.180%	M 200.500	-0.892
%RSD		0.867	M 0.570	28.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 199.500	M 200.800	0.916
%RSD		M 0.660	M 0.764	10.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	198.700	97.250
%RSD		0.000	0.208	64.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		198.300	101.233%	0.127
%RSD		0.672	0.817	9.370
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.226	M 200.500	0.000
%RSD		9.630	M 0.149	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.502%	0.681	T 198.200
%RSD		0.308	11.040	T 0.385
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 200.500	88.120%	
%RSD		M 0.181	0.740	

STD4-664981, 11/23/2012 09:47:46

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.790%	0.115	M 202.000
%RSD		0.440	13.510	M 0.992
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		57.390	57.110	6.154
%RSD		3.102	6.546	8.042
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	56.390	56.990
%RSD		T 0.000	1.723	13.120
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.256%	94.181%	M 200.200
%RSD		0.548	0.251	M 2.009
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.249	0.223	-1.632
%RSD		84.550	15.960	32.150
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.021	40.920	0.101
%RSD		2.051	6.239	8.917
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.286	0.392	1.203
%RSD		18.430	9.304	9.237
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.571%	0.085	0.419
%RSD		0.206	162.900	11.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.111	0.186	197.700
%RSD		36.360	3.940	0.743
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.118	13.540
%RSD		0.000	12.830	12.710
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.060	95.086%	M 199.900
%RSD		84.040	0.339	M 0.165
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		199.700	0.191	0.000
%RSD		0.101	6.432	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.344%	198.100	0.579
%RSD		0.137	0.822	5.789
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.174	97.576%	
%RSD		1.648	0.227	

ICV-665060, 11/23/2012 09:52:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.401%	103.180%	99.413%
%RSD		0.285	1.118	2.047
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.167%	103.230%	103.391%
%RSD		T 0.484	0.353	0.396
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 99.959%	99.871%
%RSD		T 0.000	T 0.742	0.288
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.488%	96.836%	105.566%
%RSD		0.521	1.263	3.962
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.337%	100.278%	7.422
%RSD		1.245	0.838	23.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 101.273%	T 101.262%	99.835%
%RSD		T 0.375	T 0.252	0.181
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.202%	102.861%	108.109%
%RSD		1.000	1.022	1.862
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.309%	99.797%	-0.068
%RSD		1.235	0.262	246.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		102.683%	97.871%	105.551%
%RSD		0.928	0.655	1.921
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.665%	31.930
%RSD		0.000	0.589	120.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.202%	94.297%	100.225%
%RSD		1.925	0.138	0.453
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		103.057%	100.321%	0.000
%RSD		1.425	0.538	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.998%	107.378%	105.432%
%RSD		0.784	0.280	0.495
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.525%	89.565%	
%RSD		0.535	0.639	

ICB 11/23/2012 09:59:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.381%	0.002	0.798
%RSD		0.160	77.660	37.940
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		2.038	0.413	0.373
%RSD		27.460	86.600	24.390
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	2.009	15.400
%RSD		T 0.000	25.490	10.220
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		89.827%	90.660%	0.055
%RSD		0.629	0.370	78.550
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.065	-0.028	-0.556
%RSD		119.900	125.600	19.660
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.059	5.637	0.002
%RSD		5.468	15.480	56.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.009	0.024	0.632
%RSD		146.800	73.040	20.020
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.875%	0.074	0.037
%RSD		0.524	90.200	47.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.038	0.011	0.653
%RSD		147.100	72.940	11.640
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.000	0.423
%RSD		0.000	111.400	197.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		-0.006	92.074%	0.101
%RSD		133.500	0.383	40.510
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.117	0.010	0.000
%RSD		7.157	153.600	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.122%	0.813	0.350
%RSD		0.146	7.939	4.759
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.022	94.578%	
%RSD		16.270	0.830	

CRI-751770, 11/23/2012 10:04:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.359%	98.619%	107.024%
%RSD		0.319	5.122	2.940
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		106.856%	104.982%	107.365%
%RSD		0.391	2.758	4.955
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	102.926%	99.035%
%RSD		T 0.000	0.264	0.329
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.224%	88.841%	101.633%
%RSD		0.357	0.654	9.328
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.964%	97.691%	-0.320
%RSD		2.917	1.051	54.930
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		106.735%	114.878%	102.421%
%RSD		0.978	0.769	3.388
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		104.165%	111.521%	106.922%
%RSD		6.145	1.496	2.949
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.979%	101.115%	-0.054
%RSD		1.157	9.504	65.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.392%	94.409%	99.307%
%RSD		6.040	0.527	0.571
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	110.242%	1.583
%RSD		0.000	1.770	261.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.470%	90.376%	98.232%
%RSD		7.864	0.026	0.429
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.796%	113.772%	0.000
%RSD		1.706	1.927	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.148%	100.695%	121.173%
%RSD		0.477	0.643	1.243
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		97.354%	92.699%	
%RSD		1.045	0.419	

ICSA-726956, 11/23/2012 10:09:51 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.627%	0.007	0.418
%RSD		0.621	38.660	39.030
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 51410.000	51640.000	M 50100.000
%RSD		T 0.256	0.984	M 0.452
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 50000.000	50380.000
%RSD		T 0.000	T 0.529	0.129
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.633%	91.216%	M 1042.000
%RSD		0.216	1.489	M 1.404
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.034	0.513	-0.282
%RSD		1291.000	3.698	343.700
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.082	TM 50610.000	0.089
%RSD		13.980	TM 0.706	18.540
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.345	0.321	0.870
%RSD		14.280	3.249	5.781
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.887%	0.353	-0.069
%RSD		0.994	17.340	27.840
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.036	0.167	M 985.500
%RSD		102.000	5.216	M 1.626
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.027	57.850
%RSD		0.000	55.910	3.375
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.079	92.163%	0.056
%RSD		71.510	1.206	14.570
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.195	0.043	0.000
%RSD		16.470	69.850	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.931%	0.490	0.189
%RSD		1.216	8.878	2.636
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.167	87.682%	
%RSD		0.125	1.680	

ICSAB-723527, 11/23/2012 10:18:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.897%	102.928%	99.336%
%RSD		0.704	0.803	1.572
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 103.398%	104.543%	M 101.082%
%RSD		T 1.474	1.190	M 0.912
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 100.080%	100.596%
%RSD		T 0.000	T 0.185	0.276
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.793%	95.402%	M 105.149%
%RSD		0.709	1.409	M 0.582
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.718%	101.433%	11.100
%RSD		0.601	0.433	18.040
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		107.158%	TM 101.687%	99.621%
%RSD		0.309	TM 0.679	1.200
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.670%	99.007%	103.701%
%RSD		1.271	1.252	0.912
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.868%	97.890%	-0.474
%RSD		1.174	0.533	14.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.409%	97.015%	M 1093.000
%RSD		0.146	0.288	M 1.108
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.897%	88.400
%RSD		0.000	0.486	37.690
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.502%	96.596%	101.606%
%RSD		0.948	0.763	0.916
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.438%	102.160%	0.000
%RSD		0.153	1.003	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.083%	104.284%	105.405%
%RSD		0.865	0.879	0.425
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.228%	91.761%	
%RSD		0.710	0.597	

CCV 11/23/2012 10:25:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.295%	102.503%	99.303%
%RSD		0.184	0.621	1.044
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 100.768%	101.095%	101.647%
%RSD		T 0.167	0.348	1.332
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 97.146%	98.014%
%RSD		T 0.000	T 0.567	0.376
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		95.804%	95.145%	102.558%
%RSD		0.420	0.207	5.406
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.454%	99.328%	10.610
%RSD		0.627	0.335	19.940
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 99.039%	T 100.107%	98.959%
%RSD		T 0.420	T 0.841	0.928
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.928%	100.690%	104.649%
%RSD		1.588	1.496	0.923
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		91.137%	99.517%	-0.752
%RSD		0.405	0.198	50.850
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.302%	98.744%	117.581%
%RSD		1.695	1.365	1.667
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	101.364%	78.010
%RSD		0.000	0.674	36.090
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		102.561%	93.591%	99.483%
%RSD		0.546	0.506	1.271
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		100.540%	99.632%	0.000
%RSD		1.175	0.303	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		94.993%	105.375%	103.981%
%RSD		0.838	0.700	0.642
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		98.860%	88.951%	
%RSD		0.393	0.434	

CCB 11/23/2012 10:32:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.410%	0.005	0.421
%RSD		0.542	43.930	53.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		2.808	1.640	0.725
%RSD		13.480	57.830	26.900
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	2.983	8.406
%RSD		T 0.000	18.120	65.140
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		89.903%	91.741%	0.128
%RSD		0.740	0.888	87.850
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.133	-0.060	-1.297
%RSD		206.100	75.990	53.060
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.087	7.805	0.007
%RSD		8.080	18.310	34.750
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.002	0.010	0.331
%RSD		874.200	135.000	46.370
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.575%	-0.012	0.041
%RSD		0.488	873.600	141.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.044	0.012	3.071
%RSD		224.400	53.910	8.260
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.003	0.722
%RSD		0.000	90.100	86.260
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.004	92.906%	0.107
%RSD		349.400	0.408	32.180
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.177	-0.002	0.000
%RSD		3.016	528.100	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.614%	0.904	0.391
%RSD		0.412	9.497	7.637
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.023	95.799%	
%RSD		9.992	0.174	

2XLCS 11/23/2012 10:37:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.804%	M 2092.000	M 200.000
%RSD		0.459	M 0.623	M 0.590
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		21230.000	20990.000	M 20470.000
%RSD		0.497	0.617	M 0.076
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 20060.000	19630.000
%RSD		T 0.000	T 0.370	0.885
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.453%	89.705%	M 208.500
%RSD		0.533	1.168	M 0.983
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1973.000	M 2018.000	265.300
%RSD		M 0.122	M 0.124	1.027
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2055.000	T 20490.000	TM 1867.000
%RSD		TM 0.422	T 0.275	TM 0.238
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1968.000	M 2034.000	M 2136.000
%RSD		M 0.374	M 0.316	M 0.627
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.223%	M 1985.000	-13.920
%RSD		0.965	M 0.261	4.721
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 2051.000	TM 1812.000	196.800
%RSD		M 0.223	TM 0.256	1.855
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 208.600	1295.000
%RSD		0.000	M 0.334	10.070
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 2090.000	91.033%	M 202.900
%RSD		M 0.227	0.635	M 0.333
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 203.400	M 2015.000	0.000
%RSD		M 0.384	M 0.378	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.106%	M 201.700	TM 478.700
%RSD		0.734	M 0.932	TM 0.679
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1838.000	91.170%	
%RSD		TM 0.251	0.473	

BLANK 11/23/2012 10:45:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.154%	0.045	0.791
%RSD		0.621	17.140	34.780
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		0.851	1.048	-0.109
%RSD		16.930	34.710	173.600
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	7.179	23.310
%RSD		T 0.000	9.308	18.280
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.831%	89.424%	0.235
%RSD		0.712	0.100	18.820
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.030	-0.058	-1.531
%RSD		164.700	72.110	14.420
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.032	4.235	0.006
%RSD		27.270	26.170	97.360
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.023	0.082	0.969
%RSD		168.500	36.200	26.750
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.818%	0.112	0.043
%RSD		1.073	76.660	113.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.379	0.009	2.028
%RSD		23.540	55.300	13.120
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.107
%RSD		0.000	13.000	640.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.008	90.506%	0.277
%RSD		103.700	0.125	17.200
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.580	0.018	0.000
%RSD		14.130	178.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.271%	1.956	0.821
%RSD		0.343	12.390	9.527
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.037	94.633%	
%RSD		3.381	0.216	

10000 PPB 11/23/2012 10:51:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.713%	TM 9923.000	M 9642.000
%RSD		0.249	TM 0.384	M 0.238
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2.113	0.627	2.319
%RSD		5.196	173.200	12.120
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	15.530	-2623.000
%RSD		T 0.000	3.418	0.358
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.261%	90.168%	0.157
%RSD		0.386	0.508	111.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		TM 8559.000	TM 9053.000	1789.000
%RSD		TM 0.149	TM 0.007	2.086
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9785.000	3.060	TM 8930.000
%RSD		TM 0.058	13.630	TM 0.151
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		TM 9059.000	TM 9193.000	TM 9794.000
%RSD		TM 0.576	TM 0.503	TM 0.301
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.612%	M 9221.000	-69.310
%RSD		0.320	M 0.210	2.694
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 9974.000	TM 8612.000	0.512
%RSD		M 0.346	TM 0.140	3.935
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.040	5582.000
%RSD		0.000	8.956	13.850
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		TM 9205.000	94.950%	0.059
%RSD		TM 0.285	0.315	25.940
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.319	TM 8761.000	0.000
%RSD		2.054	TM 0.025	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.250%	0.611	TM 8913.000
%RSD		0.359	3.748	TM 0.380
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 8435.000	99.399%	
%RSD		TM 0.196	0.454	

BLANK 11/23/2012 10:58:25 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.318%	0.539	43.420
%RSD		0.568	5.884	3.445
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		3.195	4.184	2.055
%RSD		10.600	85.000	31.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	12.470	37.970
%RSD		T 0.000	1.017	7.415
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.265%	89.334%	0.082
%RSD		0.162	0.581	54.250
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.748	0.108	-1.963
%RSD		12.120	25.590	11.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.407	3.101	0.229
%RSD		1.621	9.868	14.580
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.206	0.417	1.416
%RSD		23.340	8.327	15.990
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.379%	0.743	0.050
%RSD		0.302	34.660	132.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.205	0.198	0.302
%RSD		21.340	5.821	6.279
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.021	0.560
%RSD		0.000	20.950	88.250
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.234	90.110%	0.047
%RSD		4.165	0.033	35.290
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.145	0.220	0.000
%RSD		12.670	27.590	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.726%	0.382	0.419
%RSD		0.310	8.384	1.367
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.264	93.571%	
%RSD		4.863	0.364	

AL FE 500 PPM 11/23/2012 11:04:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		116.556%	0.139	20.790
%RSD		0.865	3.970	2.616
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9.345	1.556	TM 521900.000
%RSD		9.220	46.000	TM 0.043
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	8.925	413.700
%RSD		T 0.000	5.305	0.709
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 114.224%	120.608%	0.479
%RSD		T 1.792	1.760	22.740
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.072	4.732	0.493
%RSD		147.800	1.248	34.850
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.835	TM 531500.000	8.034
%RSD		1.165	TM 0.438	0.805
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		6.848	0.780	3.324
%RSD		1.407	9.129	4.058
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		133.627%	0.847	0.126
%RSD		2.158	6.665	40.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.414	0.025	0.724
%RSD		10.040	21.620	2.592
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.030	0.798
%RSD		0.000	10.750	141.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	126.106%	0.294
%RSD		66.040	1.247	7.293
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.611	0.071	0.000
%RSD		5.793	26.580	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.282%	0.307	1.483
%RSD		1.840	3.578	1.455
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.187	93.412%	
%RSD		3.983	1.474	

SALTS 500 PPM 11/23/2012 11:09:19 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		130.023%	0.107	12.520
%RSD		0.700	5.859	3.566
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 478400.000	TM 446600.000	25.470
%RSD		TM 0.243	TM 0.326	10.170
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 478200.000	TM 469700.000
%RSD		T 0.000	TM 0.196	TM 0.141
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 159.761%	144.761%	19.380
%RSD		T 1.368	0.884	9.293
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.184	0.782	0.077
%RSD		71.000	6.428	626.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		17.750	-163.900	0.333
%RSD		0.605	5.202	3.963
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.567	1.673	1.750
%RSD		4.320	7.424	3.701
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		120.526%	1.537	0.211
%RSD		1.511	0.774	49.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.243	3.140	0.029
%RSD		13.590	1.899	92.710
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.080	-1.583
%RSD		0.000	11.290	349.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.434	118.583%	0.837
%RSD		1.474	0.885	2.052
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.105	34.180	0.000
%RSD		4.219	0.911	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.671%	0.195	0.252
%RSD		0.921	4.586	4.324
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.596	81.312%	
%RSD		0.314	1.373	

BLANK 11/23/2012 11:14:44 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		133.523%	4.222	14.590
%RSD		0.351	2.737	3.297
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17.090	12.880	5.291
%RSD		6.845	5.029	3.421
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	32.990	39.160
%RSD		T 0.000	2.855	7.905
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 130.652%	117.776%	0.052
%RSD		T 0.321	1.391	132.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		2.620	2.306	2.366
%RSD		4.914	6.915	10.510
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		4.355	10.320	2.453
%RSD		4.030	0.861	5.236
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.442	2.612	3.383
%RSD		4.294	6.641	7.810
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		115.049%	2.713	0.053
%RSD		1.058	5.785	20.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.684	2.380	-0.085
%RSD		1.782	3.642	62.060
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.024	4.859
%RSD		0.000	12.460	121.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.531	112.431%	0.018
%RSD		0.642	1.340	27.010
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.086	2.401	0.000
%RSD		6.041	4.735	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.605%	0.150	2.821
%RSD		1.132	5.112	2.606
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.517	108.697%	
%RSD		3.356	1.107	

CCV 11/23/2012 11:21:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		112.615%	104.204%	107.006%
%RSD		0.469	0.569	0.260
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 102.978%	103.321%	103.713%
%RSD		┬0.275	0.270	0.382
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬0.000	┬ 102.405%	98.424%
%RSD		┬0.000	┬0.563	0.273
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬ 110.841%	109.979%	101.362%
%RSD		┬1.085	0.288	2.845
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		100.874%	99.617%	9.677
%RSD		0.566	0.459	5.138
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 100.908%	┬ 103.668%	100.228%
%RSD		┬0.128	┬0.202	0.885
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		101.360%	102.003%	103.990%
%RSD		0.907	0.850	1.206
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		104.697%	101.857%	-0.858
%RSD		0.895	0.423	36.610
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		102.834%	99.661%	105.137%
%RSD		1.814	1.244	0.840
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	103.049%	66.380
%RSD		0.000	0.592	59.140
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		103.121%	103.354%	101.679%
%RSD		0.611	0.892	1.015
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		102.411%	102.521%	0.000
%RSD		0.435	0.499	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		101.663%	103.778%	103.209%
%RSD		0.571	0.564	0.486
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		100.081%	93.429%	
%RSD		0.201	0.359	

CCB 11/23/2012 11:28:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		108.104%	0.066	7.566
%RSD		0.696	6.567	10.770
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		7.781	9.211	1.149
%RSD		13.200	56.980	13.200
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	9.193	17.370
%RSD		T 0.000	7.889	16.020
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 107.372%	103.953%	0.175
%RSD		T 0.209	0.508	95.360
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.005	-0.095	0.009
%RSD		3759.000	26.480	4994.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.131	9.549	0.019
%RSD		8.045	13.210	29.080
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.024	0.071	0.646
%RSD		49.480	44.460	13.140
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		101.809%	0.041	0.083
%RSD		0.144	62.050	22.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.052	0.030	0.445
%RSD		72.070	50.230	26.630
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.011	0.119
%RSD		0.000	34.230	404.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.008	100.978%	0.093
%RSD		80.660	0.362	41.940
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.140	0.000	0.000
%RSD		27.230	10630.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		98.459%	0.723	0.398
%RSD		0.452	10.770	3.240
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.037	100.070%	
%RSD		7.625	0.439	

QSM HIGH 11/23/2012 11:33:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.103%	0.235	6.753
%RSD		0.993	7.911	3.866
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17.420	8.180	TM 307700.000
%RSD		1.388	27.050	TM 0.121
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	15.420	M 313600.000
%RSD		T 0.000	2.828	M 0.385
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.699%	75.570%	1.189
%RSD		0.277	0.274	17.360
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		TM 4830.000	TM 4985.000	917.200
%RSD		TM 0.362	TM 0.512	4.167
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5476.000	TM 323700.000	TM 4772.000
%RSD		TM 0.043	TM 0.617	TM 0.746
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 4785.000	M 4522.000	M 4662.000
%RSD		M 0.878	M 0.853	M 0.462
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.247%	M 4616.000	0.075
%RSD		0.548	M 0.178	7.973
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.277	2.006	0.291
%RSD		53.000	3.119	20.540
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.047	-1.201
%RSD		0.000	16.550	565.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.341	83.346%	0.202
%RSD		6.521	0.782	25.310
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.959	TM 4970.000	0.000
%RSD		4.979	TM 0.256	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.544%	0.379	0.342
%RSD		0.993	3.034	3.064
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 4773.000	77.745%	
%RSD		TM 0.282	0.627	

Ti 10000 PPB 11/23/2012 11:38:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.438%	0.034	5.986
%RSD		0.641	32.660	4.443
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		3.343	3.948	7.190
%RSD		34.240	34.980	11.870
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	16.090	61.770
%RSD		T 0.000	2.853	5.772
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.359%	95.018%	M 10170.000
%RSD		0.680	0.672	M 1.238
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.362	-0.043	-1.063
%RSD		22.390	126.300	63.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.242	21.710	0.122
%RSD		6.453	25.880	10.570
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.159	0.897	3.182
%RSD		24.670	9.399	6.775
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.555%	0.958	0.021
%RSD		0.612	18.750	241.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.027	0.013	-0.152
%RSD		264.900	68.930	33.800
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	1.804
%RSD		0.000	2052.000	70.820
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.003	96.832%	0.035
%RSD		182.400	0.479	47.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.059	0.135	0.000
%RSD		6.755	10.570	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.376%	0.185	0.155
%RSD		0.771	12.170	5.983
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.186	99.950%	
%RSD		8.674	0.427	

SN 10000PPB 11/23/2012 11:43:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.659%	0.036	5.085
%RSD		0.711	22.650	10.720
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2.702	0.765	2.226
%RSD		15.370	42.910	39.760
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	76.800	104.100
%RSD		T 0.000	1.645	7.486
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		96.913%	97.832%	6.598
%RSD		0.723	0.384	20.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.113	-0.078	-1.819
%RSD		185.400	39.000	30.350
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.215	4.023	0.141
%RSD		1.914	17.370	11.110
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.666	0.101	2.442
%RSD		11.440	11.630	4.914
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.962%	0.441	0.081
%RSD		0.767	13.350	69.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.104	0.027	-0.258
%RSD		19.270	50.360	6.462
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.902
%RSD		0.000	141.400	107.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	95.427%	TM 9873.000
%RSD		135.100	0.460	TM 0.087
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.373	0.258	0.000
%RSD		0.964	6.167	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.902%	0.167	0.122
%RSD		0.407	10.980	5.235
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.093	102.017%	
%RSD		12.520	0.874	

CCV 1 11/23/2012 11:48:43 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.411%	102.733%	101.968%
%RSD		0.175	0.519	1.502
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 103.631%	103.497%	101.495%
%RSD		┬ 0.897	0.098	1.475
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬ 0.000	┬ 102.133%	97.635%
%RSD		┬ 0.000	┬ 0.557	0.039
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.829%	89.840%	103.399%
%RSD		0.572	0.443	2.932
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.281%	99.465%	11.160
%RSD		1.194	0.797	10.050
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 100.452%	┬ 104.267%	99.458%
%RSD		┬ 0.260	┬ 0.454	1.249
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.115%	100.438%	103.395%
%RSD		1.024	1.111	1.164
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.913%	98.955%	-0.813
%RSD		1.247	0.698	65.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.409%	98.920%	104.639%
%RSD		1.421	0.572	0.771
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.311%	92.340
%RSD		0.000	0.578	31.880
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.598%	88.565%	121.312%
%RSD		0.516	0.468	3.278
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.382%	100.570%	0.000
%RSD		1.114	0.482	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.849%	104.881%	103.763%
%RSD		0.397	0.181	0.294
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.304%	86.660%	
%RSD		0.259	0.170	

CCB 1 11/23/2012 11:55:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.040%	0.054	4.392
%RSD		0.493	17.490	14.920
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		13.800	10.450	2.439
%RSD		3.992	27.100	23.580
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	15.350	23.580
%RSD		T 0.000	6.957	9.494
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		89.451%	89.691%	0.234
%RSD		0.383	0.098	18.780
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.013	-0.090	-1.479
%RSD		1118.000	10.130	59.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.206	12.350	0.036
%RSD		8.105	10.290	19.540
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.014	0.083	0.643
%RSD		124.500	24.110	36.260
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.172%	0.145	0.048
%RSD		0.479	70.500	21.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.053	0.048	0.296
%RSD		139.300	23.820	29.790
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.019	0.919
%RSD		0.000	34.290	45.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.027	90.432%	5.004
%RSD		44.140	0.421	7.781
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.136	0.017	0.000
%RSD		15.200	149.400	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.503%	0.654	0.376
%RSD		0.102	8.746	6.284
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.060	94.973%	
%RSD		7.095	0.225	

240-17230 -a-6-k@5, 11/23/2012 12:02:38 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.429%	1.773	12.810
%RSD		0.775	0.605	1.396
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		137.600	6626.000	M 23300.000
%RSD		1.319	0.320	M 0.759
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2216.000	15940.000
%RSD		T 0.000	T 0.703	0.750
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.881%	93.747%	155.700
%RSD		0.648	0.955	1.717
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		35.080	79.300	8.480
%RSD		1.773	0.092	24.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1123.000	TM 55200.000	19.980
%RSD		TM 0.056	TM 0.404	0.261
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		71.750	56.020	M 280.400
%RSD		1.043	1.150	M 0.779
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.101%	43.540	0.227
%RSD		0.809	0.646	31.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.458	52.080	6.619
%RSD		9.111	0.733	3.889
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.075	-14.440
%RSD		0.000	11.030	23.010
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.108	93.783%	6.624
%RSD		3.034	0.570	0.184
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.502	167.100	0.000
%RSD		4.440	0.287	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.842%	3.539	0.616
%RSD		1.175	0.304	2.962
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		153.000	95.275%	
%RSD		0.757	0.632	

SD 240-17230 -a-6-k@25, 11/23/2012 12:07:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.863%	0.389	5.466
%RSD		0.204	6.049	2.874
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		30.180	1397.000	M 4872.000
%RSD		4.085	1.322	M 0.298
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	496.500	3315.000
%RSD		T 0.000	0.029	1.218
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.843%	94.574%	31.030
%RSD		0.463	0.284	2.848
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.437	16.440	0.241
%RSD		5.166	2.052	403.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		238.600	T 11560.000	4.194
%RSD		0.325	T 0.313	0.852
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		15.090	11.780	60.650
%RSD		1.863	1.927	0.890
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.254%	9.228	0.093
%RSD		0.653	1.447	70.090
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.586	10.860	1.243
%RSD		19.850	0.806	3.149
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.017	-1.698
%RSD		0.000	15.660	207.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.244	94.868%	3.150
%RSD		11.870	0.571	2.645
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.749	34.600	0.000
%RSD		4.438	1.569	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.418%	0.885	0.230
%RSD		0.502	1.324	4.531
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		31.550	98.366%	
%RSD		0.314	0.231	

240-17230 -a-6-aa du@5, 11/23/2012 12:12:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.879%	1.673	12.250
%RSD		0.745	2.165	3.647
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		138.300	6490.000	M 22700.000
%RSD		0.536	1.325	M 0.582
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2194.000	13850.000
%RSD		T 0.000	T 0.582	1.262
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.695%	95.260%	167.900
%RSD		0.506	0.553	2.634
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		34.850	122.000	10.780
%RSD		1.778	0.378	14.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1075.000	TM 55970.000	20.780
%RSD		TM 0.657	TM 0.423	0.867
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		74.830	67.670	M 265.200
%RSD		1.272	1.159	M 0.332
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.156%	45.060	0.193
%RSD		0.702	0.170	72.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.512	42.270	7.116
%RSD		4.861	0.634	2.753
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.075	-10.500
%RSD		0.000	4.967	49.830
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.671	94.906%	36.180
%RSD		3.251	0.704	0.363
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.238	159.800	0.000
%RSD		1.605	0.428	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.151%	3.142	0.593
%RSD		1.009	2.185	3.187
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 429.100	92.730%	
%RSD		TM 1.073	0.885	

240-17230 -a-6-q ms@5, 11/23/2012 12:17:20 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.587%	22.520	32.060
%RSD		0.268	0.428	2.282
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2160.000	8995.000	M 30810.000
%RSD		0.706	0.600	M 0.546
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5180.000	16460.000
%RSD		T 0.000	T 0.521	0.608
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		96.286%	96.798%	M 201.000
%RSD		0.538	0.213	M 1.530
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		63.820	96.260	7.501
%RSD		0.810	0.387	14.610
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1186.000	TM 61230.000	40.160
%RSD		TM 0.104	TM 0.222	0.496
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.570	76.140	M 311.200
%RSD		1.924	0.652	M 0.381
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.356%	64.140	0.207
%RSD		1.241	0.731	11.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		21.520	70.240	23.740
%RSD		2.275	0.876	1.985
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	20.270	-13.900
%RSD		0.000	1.379	275.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		20.930	96.424%	21.840
%RSD		0.470	0.980	1.242
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.721	198.700	0.000
%RSD		1.101	0.537	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.164%	13.740	18.810
%RSD		0.516	1.444	0.617
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		160.600	96.369%	
%RSD		0.730	0.562	

PDS 240-17230 -a-6-k@5, 11/23/2012 12:22:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.413%	M 1060.000	114.200
%RSD		0.244	M 0.408	0.792
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10880.000	17070.000	M 32460.000
%RSD		0.500	0.831	M 0.581
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12750.000	25170.000
%RSD		T 0.000	T 0.595	0.614
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.480%	90.983%	M 258.700
%RSD		0.161	0.396	M 2.545
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1020.000	M 1084.000	129.600
%RSD		M 0.413	M 0.692	5.024
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2107.000	TM 64040.000	M 1010.000
%RSD		TM 0.230	TM 1.018	M 0.673
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1075.000	M 1075.000	M 1311.000
%RSD		M 0.802	M 0.204	M 0.342
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.137%	M 1028.000	-6.382
%RSD		0.741	M 0.458	8.372
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 1013.000	M 1014.000	110.500
%RSD		M 0.805	M 0.289	0.234
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	109.700	634.000
%RSD		0.000	0.451	15.130
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1065.000	90.558%	110.900
%RSD		M 0.975	0.111	0.855
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.900	M 1179.000	0.000
%RSD		1.460	M 0.682	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.448%	106.700	TM 245.500
%RSD		0.627	1.287	TM 0.466
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1106.000	91.997%	
%RSD		TM 0.131	0.258	

240-17230 -a-3-b@5, 11/23/2012 12:28:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.661%	2.255	19.660
%RSD		0.899	2.791	1.588
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		309.200	9857.000	M 20580.000
%RSD		2.068	0.572	M 0.567
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1692.000	67900.000
%RSD		T 0.000	T 0.877	0.495
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.236%	85.505%	M 236.300
%RSD		0.342	0.254	M 1.065
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		25.910	57.170	5.304
%RSD		0.313	0.400	12.450
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1964.000	T 42230.000	16.060
%RSD		TM 0.038	T 0.317	0.722
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		65.190	50.250	189.900
%RSD		0.743	1.098	0.469
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.708%	25.080	0.187
%RSD		0.103	0.676	59.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.943	148.700	5.128
%RSD		10.090	0.340	1.475
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.077	-15.410
%RSD		0.000	1.116	29.420
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.664	86.539%	5.102
%RSD		3.253	0.275	1.472
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.838	M 205.000	0.000
%RSD		9.152	M 0.672	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.312%	1.532	0.509
%RSD		0.551	11.750	3.666
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.870	89.050%	
%RSD		0.598	0.384	

240-17317 -a-1-c@5, 11/23/2012 12:33:30 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.923%	1.593	9.585
%RSD		0.387	4.589	3.062
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		112.700	5528.000	M 20610.000
%RSD		1.098	0.986	M 0.278
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1524.000	10030.000
%RSD		T 0.000	T 0.127	0.380
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.503%	98.150%	179.000
%RSD		0.430	0.715	1.293
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		33.090	39.050	1.581
%RSD		1.872	0.939	112.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1056.000	T 47890.000	16.750
%RSD		TM 0.234	T 0.588	1.324
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		53.870	45.980	155.000
%RSD		1.655	0.715	0.150
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.420%	35.390	0.296
%RSD		0.280	0.905	30.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.850	37.480	2.492
%RSD		9.889	1.119	3.237
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.109	-18.080
%RSD		0.000	5.842	10.450
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.806	97.130%	6.329
%RSD		3.054	0.275	0.438
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.894	131.200	0.000
%RSD		3.095	1.184	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.758%	0.525	0.489
%RSD		0.265	6.951	1.624
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		77.430	97.639%	
%RSD		0.505	0.637	

240-17317 -a-2-c@5, 11/23/2012 12:38:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.598%	4.789	32.840
%RSD		0.460	3.535	0.607
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		531.500	20910.000	M 35270.000
%RSD		1.379	0.251	M 0.625
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2308.000	M 108500.000
%RSD		T 0.000	T 0.373	M 0.426
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.053%	83.817%	M 552.000
%RSD		0.287	0.374	M 2.591
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		35.810	71.260	6.353
%RSD		1.172	0.321	28.820
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3178.000	TM 53530.000	16.240
%RSD		TM 0.276	TM 0.834	0.349
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		76.200	48.340	M 259.500
%RSD		0.623	1.687	M 1.021
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.592%	31.500	0.243
%RSD		0.173	1.135	52.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.745	M 274.900	3.055
%RSD		11.850	M 0.923	4.357
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.113	-26.840
%RSD		0.000	3.038	20.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		3.076	85.062%	5.048
%RSD		4.840	0.270	1.926
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.015	M 352.100	0.000
%RSD		3.001	M 0.585	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.624%	0.816	0.496
%RSD		0.671	2.476	3.537
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		150.500	87.106%	
%RSD		0.653	0.488	

240-17317 -a-3-c@10, 11/23/2012 12:43:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.084%	3.025	22.390
%RSD		0.565	2.224	1.927
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		457.800	12950.000	M 22850.000
%RSD		1.151	0.407	M 0.457
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1505.000	90850.000
%RSD		T 0.000	T 1.374	0.499
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.481%	85.940%	M 429.700
%RSD		0.483	1.473	M 1.303
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		19.930	31.470	1.826
%RSD		3.963	1.178	74.120
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2263.000	T 19610.000	6.941
%RSD		TM 0.466	T 0.938	2.010
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		21.400	14.880	105.400
%RSD		1.097	1.565	0.531
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.803%	10.210	0.168
%RSD		1.148	1.028	74.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.905	181.300	0.959
%RSD		2.553	0.177	14.380
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.052	-16.170
%RSD		0.000	3.379	23.680
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.389	87.909%	3.795
%RSD		10.390	0.975	1.994
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.402	M 236.000	0.000
%RSD		5.267	M 0.408	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.855%	0.238	0.257
%RSD		0.839	3.168	1.853
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		82.650	89.100%	
%RSD		0.179	0.618	

240-17317 -a-4-c@10, 11/23/2012 12:48:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.931%	2.772	22.910
%RSD		1.162	2.308	2.511
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		435.700	10130.000	M 17060.000
%RSD		0.658	0.456	M 0.475
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1295.000	73450.000
%RSD		T 0.000	0.308	0.251
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		81.833%	85.718%	M 488.000
%RSD		0.423	0.880	M 1.318
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		11.630	37.620	2.895
%RSD		2.268	0.855	18.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1915.000	T 17370.000	5.197
%RSD		TM 0.350	T 1.267	2.607
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		28.170	16.780	88.480
%RSD		1.238	2.572	1.025
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.920%	12.340	0.138
%RSD		0.892	0.881	49.860
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.695	169.800	1.385
%RSD		9.065	0.101	4.956
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.052	-16.360
%RSD		0.000	6.116	39.920
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.504	87.341%	3.310
%RSD		21.610	0.723	0.731
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.305	199.200	0.000
%RSD		15.110	0.088	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.391%	0.233	0.230
%RSD		1.473	13.740	2.880
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		65.580	89.339%	
%RSD		0.468	0.455	

CCV 3 11/23/2012 12:53:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.545%	102.777%	99.193%
%RSD		0.139	0.625	1.364
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 102.734%	102.814%	101.111%
%RSD		┬0.653	0.276	0.742
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬0.000	┬ 102.772%	96.910%
%RSD		┬0.000	┬0.621	0.219
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		88.058%	91.655%	103.234%
%RSD		0.300	1.317	2.688
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		99.375%	100.044%	10.900
%RSD		0.923	0.371	1.748
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 100.110%	┬ 105.134%	99.321%
%RSD		┬0.309	┬0.517	0.640
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		100.441%	100.247%	102.834%
%RSD		0.707	1.113	1.026
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.941%	99.358%	-0.875
%RSD		1.030	0.853	10.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.881%	98.134%	105.319%
%RSD		0.441	0.415	0.468
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	104.741%	78.620
%RSD		0.000	0.341	60.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		105.418%	90.331%	104.295%
%RSD		0.983	1.322	0.194
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		103.369%	100.727%	0.000
%RSD		0.523	1.386	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		95.506%	105.723%	103.653%
%RSD		1.234	0.389	0.480
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		103.651%	87.212%	
%RSD		0.227	0.821	

CCB 3 11/23/2012 13:00:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.350%	0.065	2.181
%RSD		0.366	28.500	18.020
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		16.840	11.960	2.512
%RSD		6.845	21.940	13.630
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	16.190	22.920
%RSD		T 0.000	1.681	11.020
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		87.090%	86.048%	0.192
%RSD		0.392	0.763	109.300
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.032	-0.098	-0.740
%RSD		690.300	23.750	50.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.225	16.670	0.035
%RSD		11.370	6.919	19.750
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.033	0.070	0.697
%RSD		42.330	67.220	8.316
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		86.475%	0.125	0.017
%RSD		0.106	54.830	208.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.052	0.048	0.269
%RSD		98.080	14.850	57.750
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.027	-0.036
%RSD		0.000	25.960	3197.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.028	88.067%	0.992
%RSD		68.980	0.756	5.827
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.150	0.022	0.000
%RSD		6.819	100.300	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		91.869%	0.676	0.344
%RSD		0.372	8.580	4.325
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.073	92.335%	
%RSD		1.213	0.857	

240-17317 -a-5-b@2, 11/23/2012 13:05:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.559%	5.348	32.070
%RSD		0.411	0.982	2.789
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		582.600	27470.000	TM 70650.000
%RSD		0.776	0.963	TM 0.607
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6407.000	M 156200.000
%RSD		T 0.000	T 0.654	M 0.526
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.073%	83.275%	M 420.000
%RSD		0.298	1.183	M 1.157
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		105.600	117.800	10.010
%RSD		0.268	0.243	11.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4410.000	TM 129800.000	44.320
%RSD		TM 0.507	TM 0.762	0.893
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		128.100	95.340	M 529.900
%RSD		0.418	0.955	M 0.406
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.125%	53.420	0.478
%RSD		0.575	0.164	26.180
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.711	M 358.400	7.294
%RSD		9.293	M 0.499	3.644
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.172	-33.950
%RSD		0.000	7.818	47.590
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.786	83.778%	7.102
%RSD		8.237	0.818	0.829
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.334	M 542.200	0.000
%RSD		5.106	M 0.456	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.817%	0.596	0.995
%RSD		0.895	2.131	1.896
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		122.600	84.715%	
%RSD		0.605	1.232	

240-17317 -a-6-b@5, 11/23/2012 13:10:29 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.264%	2.140	10.210
%RSD		0.751	3.614	3.297
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		228.800	10690.000	M 28260.000
%RSD		1.937	0.545	M 0.652
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2240.000	82790.000
%RSD		T 0.000	T 1.019	0.721
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.351%	81.878%	130.200
%RSD		0.218	0.876	2.497
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		38.540	44.780	5.029
%RSD		0.959	0.112	13.940
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1633.000	TM 53610.000	19.060
%RSD		TM 0.104	TM 0.227	1.262
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		64.370	39.230	M 209.700
%RSD		1.244	1.296	M 0.678
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.871%	29.040	0.268
%RSD		0.453	1.866	12.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.788	M 224.600	2.765
%RSD		15.090	M 1.111	5.721
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.089	-13.830
%RSD		0.000	6.983	21.020
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.473	83.535%	3.288
%RSD		3.360	0.262	1.848
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.372	M 213.400	0.000
%RSD		9.729	M 0.515	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.997%	0.296	0.482
%RSD		0.733	0.725	2.446
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		45.060	87.789%	
%RSD		0.239	0.244	

240-17317 -a-7-e@5, 11/23/2012 13:15:25 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.589%	2.273	10.360
%RSD		0.707	4.185	3.664
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		142.700	9753.000	M 33650.000
%RSD		0.861	0.454	M 0.691
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3273.000	9801.000
%RSD		T 0.000	T 0.856	0.785
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.585%	96.190%	154.900
%RSD		0.349	1.012	3.745
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		54.170	56.360	3.737
%RSD		1.668	0.475	55.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1208.000	TM 72870.000	33.400
%RSD		TM 0.176	TM 0.542	1.248
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		73.300	48.910	180.900
%RSD		1.166	0.938	0.764
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.701%	30.820	0.377
%RSD		0.519	0.192	13.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.899	43.850	3.492
%RSD		3.568	0.327	3.710
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.070	-13.130
%RSD		0.000	8.919	37.180
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.355	95.931%	2.956
%RSD		6.182	0.541	0.804
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.350	M 222.100	0.000
%RSD		1.811	M 0.916	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.250%	0.237	0.506
%RSD		0.745	2.930	2.435
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		42.860	96.569%	
%RSD		0.268	0.520	

240-17317 -a-7-I du@5, 11/23/2012 13:20:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.444%	2.193	8.351
%RSD		0.356	3.279	1.838
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		149.200	9752.000	M 31070.000
%RSD		0.743	1.188	M 0.764
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2796.000	11650.000
%RSD		T 0.000	T 0.350	0.472
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.757%	96.407%	143.600
%RSD		0.434	0.799	2.829
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		50.070	54.410	2.779
%RSD		0.425	0.947	13.160
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 869.500	TM 67750.000	28.260
%RSD		T 0.225	TM 0.831	0.498
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		71.480	46.940	169.900
%RSD		1.894	0.649	1.038
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.463%	30.640	0.258
%RSD		0.260	1.031	13.850
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.538	45.380	2.997
%RSD		5.122	0.446	5.503
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.058	-15.190
%RSD		0.000	32.010	51.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.311	95.816%	2.826
%RSD		8.283	0.540	2.644
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.323	195.800	0.000
%RSD		13.370	0.174	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.649%	0.211	0.469
%RSD		0.278	3.701	2.940
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		42.100	96.368%	
%RSD		0.747	0.073	

240-17317 -a-7-h ms@5, 11/23/2012 13:25:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.154%	22.100	20.790
%RSD		0.500	1.019	2.495
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2113.000	11800.000	M 34600.000
%RSD		0.442	0.716	M 0.330
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4699.000	13590.000
%RSD		T 0.000	T 0.847	1.210
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.892%	96.487%	165.500
%RSD		0.209	0.387	1.930
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		69.970	74.440	7.045
%RSD		0.902	0.355	2.527
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 904.100	TM 69680.000	48.840
%RSD		T 0.249	TM 0.481	0.527
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		91.360	67.020	192.800
%RSD		0.265	1.394	0.724
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.272%	50.170	0.191
%RSD		0.329	1.413	13.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		18.610	65.340	20.340
%RSD		1.297	0.506	3.283
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	20.520	-15.030
%RSD		0.000	0.532	138.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		20.260	95.108%	19.770
%RSD		1.687	0.133	0.991
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.053	M 211.800	0.000
%RSD		3.524	M 0.662	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.379%	11.220	18.650
%RSD		0.394	0.996	0.797
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		61.630	95.298%	
%RSD		0.603	0.418	

240-17317 -a-7-h ms@5, 11/23/2012 13:31:07 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.774%	22.040	20.780
%RSD		0.345	1.694	3.856
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2101.000	11770.000	M 34440.000
%RSD		0.252	0.870	M 0.253
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4664.000	13450.000
%RSD		T 0.000	T 0.712	1.119
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.969%	96.368%	165.700
%RSD		0.224	0.688	2.329
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		69.170	73.600	9.509
%RSD		0.589	0.239	1.553
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 896.700	TM 69210.000	48.540
%RSD		T 0.324	TM 0.934	0.982
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.060	66.040	190.100
%RSD		0.734	1.329	0.412
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.134%	49.650	0.223
%RSD		0.262	0.866	31.690
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		18.840	65.160	20.380
%RSD		2.855	0.030	1.544
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	20.270	-7.273
%RSD		0.000	0.098	242.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		20.120	94.955%	19.530
%RSD		0.356	0.591	0.577
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.060	M 211.600	0.000
%RSD		2.656	M 0.428	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.028%	11.270	18.590
%RSD		0.999	0.685	0.528
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		61.160	95.233%	
%RSD		0.505	0.899	

240-17317 -a-8-b@5, 11/23/2012 13:36:30 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.605%	2.306	13.470
%RSD		0.641	1.570	2.801
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		181.000	11310.000	M 41190.000
%RSD		1.542	0.466	M 0.236
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4513.000	10660.000
%RSD		T 0.000	T 0.686	0.192
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		96.749%	96.852%	159.600
%RSD		0.133	0.278	1.511
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		60.530	60.520	4.679
%RSD		0.290	0.703	22.540
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 782.000	TM 73470.000	27.880
%RSD		T 0.110	TM 0.349	0.924
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		82.000	54.380	186.100
%RSD		0.620	0.476	0.279
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.847%	30.480	0.307
%RSD		0.447	1.040	35.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.592	49.260	3.070
%RSD		16.730	0.327	6.798
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.086	-16.790
%RSD		0.000	5.469	35.670
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.274	95.022%	4.024
%RSD		14.200	0.635	0.947
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.334	M 209.700	0.000
%RSD		2.989	M 0.353	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.674%	0.373	0.649
%RSD		0.059	5.267	0.104
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		39.420	95.162%	
%RSD		0.608	0.546	

240-17317 -a-9-c@5, 11/23/2012 13:41:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.984%	1.809	11.070
%RSD		0.510	4.539	3.270
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		173.800	6623.000	M 21390.000
%RSD		1.755	1.026	M 0.282
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1566.000	20530.000
%RSD		T 0.000	T 0.614	0.490
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.036%	94.612%	192.600
%RSD		0.275	0.311	2.215
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		34.220	47.080	3.446
%RSD		0.519	0.644	38.610
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1390.000	T 48760.000	15.070
%RSD		TM 0.120	T 0.202	1.488
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		48.850	40.340	M 230.000
%RSD		1.351	0.747	M 0.201
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.945%	32.370	0.285
%RSD		0.605	1.323	12.530
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.661	58.660	2.657
%RSD		4.422	0.991	1.568
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.135	-21.410
%RSD		0.000	7.288	64.170
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.425	92.850%	4.600
%RSD		7.730	0.860	2.841
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.521	158.800	0.000
%RSD		6.244	1.013	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.020%	0.374	0.444
%RSD		0.511	3.367	0.180
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		75.810	94.705%	
%RSD		0.564	0.146	

240-17317 -a-10-b@5, 11/23/2012 13:46:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.134%	1.548	8.379
%RSD		0.261	2.964	2.953
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		140.400	6889.000	M 22490.000
%RSD		0.647	1.132	M 0.147
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1750.000	16150.000
%RSD		T 0.000	T 1.175	0.441
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.576%	95.245%	176.800
%RSD		0.334	0.866	2.176
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		38.400	53.430	4.730
%RSD		0.732	0.251	18.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1303.000	TM 53760.000	17.340
%RSD		TM 0.220	TM 1.083	1.394
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		59.630	43.700	M 253.800
%RSD		1.109	0.411	M 0.489
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.938%	31.100	0.218
%RSD		0.442	0.261	31.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.428	82.020	2.671
%RSD		21.140	1.480	1.701
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.133	-15.050
%RSD		0.000	3.509	34.460
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.282	94.094%	3.321
%RSD		5.545	0.816	2.399
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.622	M 240.100	0.000
%RSD		4.315	M 0.293	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.372%	0.238	0.412
%RSD		0.415	7.463	3.430
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		89.000	95.333%	
%RSD		0.148	0.441	

240-17317 -a-14-b@10, 11/23/2012 13:51:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.379%	1.224	5.978
%RSD		0.173	2.625	7.050
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		99.700	4532.000	M 16750.000
%RSD		1.235	0.615	M 0.494
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1247.000	30410.000
%RSD		T 0.000	0.799	0.468
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.181%	92.555%	90.170
%RSD		0.723	0.467	5.276
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		24.640	26.060	0.850
%RSD		0.932	1.051	66.610
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1261.000	T 33400.000	10.800
%RSD		TM 0.720	T 0.717	1.181
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		28.380	21.110	M 262.800
%RSD		0.650	2.804	M 1.310
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.164%	23.510	0.127
%RSD		0.828	2.299	18.120
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.843	77.810	1.336
%RSD		7.131	0.601	2.157
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.041	-8.953
%RSD		0.000	22.190	5.294
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.291	92.341%	1.557
%RSD		14.730	0.234	3.620
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.160	115.700	0.000
%RSD		16.620	0.917	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.340%	0.218	0.257
%RSD		0.225	0.889	1.754
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		17.240	94.040%	
%RSD		0.296	0.317	

CCV 4 11/23/2012 13:56:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.979%	102.649%	98.763%
%RSD		0.417	0.303	0.525
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 103.018%	103.239%	101.113%
%RSD		T 0.215	0.268	1.424
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 104.449%	96.743%
%RSD		T 0.000	T 0.535	0.530
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		88.690%	90.196%	98.864%
%RSD		0.362	0.684	0.694
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.985%	100.189%	11.720
%RSD		1.256	0.962	10.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 99.597%	T 105.748%	100.279%
%RSD		T 0.165	T 0.389	0.819
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		100.981%	101.858%	103.927%
%RSD		0.488	1.637	1.558
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.058%	98.647%	-0.775
%RSD		0.555	0.080	47.130
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.822%	99.555%	105.510%
%RSD		1.254	0.970	1.303
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	104.836%	33.010
%RSD		0.000	0.317	105.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		106.087%	89.022%	104.608%
%RSD		0.530	0.322	0.828
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		104.055%	102.053%	0.000
%RSD		0.500	0.615	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		95.506%	106.548%	103.866%
%RSD		0.737	0.874	0.295
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		105.046%	86.498%	
%RSD		0.522	0.471	

CCB 4 11/23/2012 14:03:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.097%	0.047	0.949
%RSD		0.489	16.130	18.240
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18.800	18.330	3.218
%RSD		4.866	24.160	19.650
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	19.430	32.910
%RSD		T 0.000	1.749	15.990
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.385%	88.995%	0.288
%RSD		0.491	0.245	67.180
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.192	-0.101	-1.584
%RSD		90.700	37.160	15.660
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.273	18.390	0.055
%RSD		1.709	7.459	24.820
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.018	0.076	0.641
%RSD		109.000	37.700	66.760
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.174%	0.066	0.177
%RSD		0.169	204.100	61.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.039	0.057	0.259
%RSD		276.600	17.570	14.220
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.029	-0.287
%RSD		0.000	22.890	317.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.035	90.249%	0.692
%RSD		50.270	0.452	5.869
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.151	0.036	0.000
%RSD		8.594	82.580	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.324%	0.698	0.360
%RSD		0.563	10.540	8.254
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.066	93.630%	
%RSD		2.464	0.407	

240-17317 -a-15-b@10, 11/23/2012 14:08:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.234%	0.842	4.969
%RSD		0.564	6.076	6.245
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		66.050	3384.000	M 13540.000
%RSD		0.215	0.735	M 0.962
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1090.000	7933.000
%RSD		T 0.000	1.170	1.051
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.262%	90.057%	75.830
%RSD		0.550	1.940	5.209
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		22.390	23.120	1.351
%RSD		0.348	0.995	22.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1533.000	T 27500.000	12.610
%RSD		TM 0.387	T 0.559	0.890
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		29.640	33.330	157.900
%RSD		0.421	0.379	0.128
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.211%	16.030	0.150
%RSD		1.183	1.456	59.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.950	26.260	1.476
%RSD		17.240	1.636	6.433
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.043	-0.332
%RSD		0.000	24.320	940.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.393	90.558%	1.455
%RSD		8.650	1.186	2.326
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.214	95.140	0.000
%RSD		5.175	0.893	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.905%	0.297	0.361
%RSD		1.468	3.051	2.369
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		20.200	93.989%	
%RSD		0.812	0.871	

240-17317 -a-16-b@10, 11/23/2012 14:13:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.155%	0.920	3.918
%RSD		0.710	2.701	11.680
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		61.850	3383.000	M 16280.000
%RSD		2.044	0.472	M 0.690
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1188.000	5978.000
%RSD		T 0.000	0.154	0.982
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.251%	93.973%	75.920
%RSD		0.802	0.951	5.820
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		28.570	22.180	1.131
%RSD		2.064	0.250	96.850
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1356.000	T 30460.000	12.550
%RSD		TM 0.364	T 0.413	2.897
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		22.640	16.010	82.360
%RSD		3.109	1.559	0.378
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.101%	14.860	0.129
%RSD		0.355	0.692	8.713
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.874	20.930	1.191
%RSD		10.710	0.638	7.294
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.057	-4.330
%RSD		0.000	14.990	44.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.200	93.413%	1.636
%RSD		12.750	0.995	3.354
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.169	104.000	0.000
%RSD		0.882	1.031	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.746%	0.170	0.321
%RSD		0.984	11.100	0.735
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		20.420	95.682%	
%RSD		0.291	0.327	

240-17317 -a-17-b@5, 11/23/2012 14:18:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.274%	2.811	12.930
%RSD		0.739	3.719	3.154
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		222.200	10060.000	M 37360.000
%RSD		2.000	0.450	M 0.425
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3375.000	19320.000
%RSD		T 0.000	T 0.762	0.130
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.829%	95.131%	M 214.300
%RSD		0.217	0.680	M 1.966
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		51.940	58.400	4.500
%RSD		1.058	0.736	23.770
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1591.000	TM 63360.000	27.560
%RSD		TM 0.125	TM 0.768	0.525
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		62.150	57.210	M 341.900
%RSD		1.281	1.220	M 0.687
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.093%	33.600	0.337
%RSD		0.728	0.378	15.910
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.486	67.230	2.492
%RSD		1.761	0.363	3.121
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.101	-15.900
%RSD		0.000	6.822	46.010
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.763	94.226%	3.128
%RSD		3.141	0.503	0.482
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.456	M 223.200	0.000
%RSD		7.140	M 0.884	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.685%	0.221	0.527
%RSD		0.872	3.594	3.630
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		69.000	95.021%	
%RSD		0.616	0.373	

240-17317 -a-18-b@5, 11/23/2012 14:23:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.908%	1.370	9.883
%RSD		1.282	2.537	4.291
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		110.800	4749.000	M 22620.000
%RSD		1.182	0.207	M 1.041
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1976.000	3981.000
%RSD		T 0.000	T 0.626	0.985
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.057%	96.194%	139.600
%RSD		0.299	0.441	2.885
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		39.360	37.290	1.802
%RSD		1.876	0.934	106.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 808.200	T 42020.000	23.660
%RSD		T 0.177	T 0.429	0.666
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		45.060	37.500	152.000
%RSD		0.873	2.035	0.481
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.425%	23.230	0.273
%RSD		0.030	0.802	28.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.657	19.700	1.999
%RSD		8.255	0.769	2.870
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.087	-12.150
%RSD		0.000	7.135	33.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.537	94.865%	2.772
%RSD		13.590	0.353	0.992
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.371	150.000	0.000
%RSD		3.887	0.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.851%	0.180	0.411
%RSD		0.583	0.217	2.241
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		66.710	96.813%	
%RSD		0.852	0.680	

240-17317 -a-19-d@5, 11/23/2012 14:28:17 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.334%	1.006	5.773
%RSD		0.712	5.148	3.923
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		115.400	3999.000	M 16800.000
%RSD		1.089	1.037	M 0.416
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1349.000	3865.000
%RSD		T 0.000	T 1.757	0.250
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.569%	92.291%	117.100
%RSD		0.460	0.642	1.556
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		29.770	96.270	9.878
%RSD		1.670	1.029	13.170
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 687.000	T 42530.000	16.050
%RSD		T 0.347	T 1.005	1.388
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		66.920	34.710	121.000
%RSD		1.443	0.186	0.369
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.203%	21.740	0.226
%RSD		1.011	1.357	34.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.152	13.940	2.725
%RSD		15.240	1.425	5.171
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.066	-12.740
%RSD		0.000	12.140	73.450
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.405	91.501%	2.717
%RSD		4.377	0.886	2.039
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.305	117.900	0.000
%RSD		4.650	0.275	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.507%	0.300	0.311
%RSD		0.323	2.449	2.185
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		39.120	93.919%	
%RSD		0.469	0.396	

240-17317 -a-19-k du@5, 11/23/2012 14:33:13 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.073%	1.067	5.986
%RSD		0.268	5.191	3.788
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		126.500	4339.000	M 18810.000
%RSD		1.961	1.894	M 0.763
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1555.000	4071.000
%RSD		T 0.000	T 1.507	0.943
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.494%	82.110%	109.700
%RSD		0.470	1.377	3.541
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		33.120	76.010	5.360
%RSD		1.729	0.992	18.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 721.800	T 44580.000	16.610
%RSD		T 0.121	T 0.798	1.901
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		57.310	35.770	132.000
%RSD		2.161	1.989	2.233
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.378%	24.190	0.241
%RSD		1.459	1.043	24.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.431	15.340	2.614
%RSD		9.316	0.618	5.200
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.071	-10.470
%RSD		0.000	15.680	66.880
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.437	82.332%	3.114
%RSD		11.200	1.074	0.862
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.889	125.500	0.000
%RSD		2.612	0.126	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.312%	0.245	0.326
%RSD		0.364	5.842	1.583
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		42.590	87.987%	
%RSD		0.250	0.474	

240-17317 -a-19-g ms@5, 11/23/2012 14:38:18 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.874%	21.180	21.290
%RSD		0.258	0.832	1.275
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2176.000	6766.000	M 24240.000
%RSD		0.735	1.432	M 0.151
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3912.000	6808.000
%RSD		T 0.000	T 0.254	0.940
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.771%	82.283%	142.900
%RSD		0.194	0.260	0.892
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		54.030	107.300	11.500
%RSD		0.514	0.294	12.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 719.400	T 47180.000	35.310
%RSD		T 0.487	T 0.723	0.173
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		82.270	55.100	157.000
%RSD		0.313	0.741	1.132
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.096%	41.530	0.033
%RSD		0.348	1.093	271.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		20.210	36.170	19.990
%RSD		5.420	0.718	2.031
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	20.680	6.437
%RSD		0.000	0.190	339.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		20.990	82.318%	19.470
%RSD		2.335	0.415	0.661
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.993	144.800	0.000
%RSD		1.306	0.386	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.071%	12.180	18.990
%RSD		0.333	0.223	0.233
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		58.570	87.667%	
%RSD		0.425	0.234	

240-17317 -a-20-b@5, 11/23/2012 14:43:38 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.815%	1.053	6.083
%RSD		0.844	0.876	10.060
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		109.100	4033.000	M 17600.000
%RSD		5.294	0.912	M 0.320
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1386.000	4240.000
%RSD		T 0.000	0.477	0.877
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.551%	79.797%	112.100
%RSD		0.271	0.258	4.423
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		31.130	50.900	5.275
%RSD		2.227	0.784	37.950
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 742.700	T 42780.000	16.580
%RSD		T 0.376	T 0.382	2.116
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		45.230	33.550	122.300
%RSD		1.281	3.140	0.418
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.180%	21.860	0.155
%RSD		0.718	1.822	63.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.148	14.360	2.142
%RSD		14.190	1.875	5.829
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.059	-13.580
%RSD		0.000	9.541	17.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.392	80.240%	3.184
%RSD		8.914	0.226	4.839
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.294	119.000	0.000
%RSD		10.750	0.812	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.090%	0.357	0.413
%RSD		0.684	12.580	2.237
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		38.400	86.338%	
%RSD		0.200	0.442	

CCV 5 11/23/2012 14:48:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.363%	101.473%	97.060%
%RSD		0.283	0.452	0.661
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 104.049%	104.440%	103.325%
%RSD		T 0.625	0.910	0.216
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 103.837%	97.452%
%RSD		T 0.000	T 0.390	0.424
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		80.052%	84.324%	102.108%
%RSD		0.754	0.322	0.542
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		99.017%	99.812%	8.152
%RSD		0.669	0.689	2.838
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 99.860%	T 105.169%	99.349%
%RSD		T 0.638	T 0.252	0.770
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		98.966%	100.697%	103.875%
%RSD		0.962	0.791	0.716
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		82.415%	98.920%	-0.649
%RSD		1.661	0.884	23.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.731%	99.408%	104.736%
%RSD		1.241	0.452	0.298
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	104.733%	25.340
%RSD		0.000	0.475	49.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		106.572%	83.546%	104.034%
%RSD		0.471	0.208	1.254
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		104.149%	100.859%	0.000
%RSD		0.716	0.604	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		91.373%	106.171%	103.894%
%RSD		0.976	0.573	0.233
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		105.318%	83.279%	
%RSD		0.542	0.464	

CCB 5 11/23/2012 14:55:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.934%	0.050	0.863
%RSD		0.025	19.330	38.540
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		17.360	20.840	1.705
%RSD		1.535	13.460	24.940
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	20.820	33.610
%RSD		T 0.000	5.337	12.990
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		81.756%	82.731%	0.147
%RSD		0.390	0.636	85.380
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.010	-0.130	-1.961
%RSD		3628.000	9.928	40.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.251	16.440	0.038
%RSD		1.121	5.214	25.930
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.038	0.060	0.730
%RSD		37.270	16.950	42.950
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		83.167%	-0.041	0.084
%RSD		0.447	30.590	18.650
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.077	0.051	0.203
%RSD		103.600	5.557	39.950
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.026	0.946
%RSD		0.000	49.170	119.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.027	84.330%	0.492
%RSD		64.080	1.022	7.479
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.129	0.041	0.000
%RSD		16.720	41.060	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		89.331%	0.644	0.346
%RSD		0.270	12.350	6.903
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.060	90.106%	
%RSD		4.202	0.165	

CRI-751770 11/23/2012 15:00:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.793%	109.771%	102.320%
%RSD		0.655	1.630	0.674
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		107.737%	106.636%	99.127%
%RSD		0.116	4.965	3.198
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	107.738%	97.952%
%RSD		T 0.000	0.528	1.273
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.661%	80.098%	103.278%
%RSD		0.422	0.523	3.422
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		94.957%	90.550%	-1.593
%RSD		1.234	3.274	23.970
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		111.068%	120.616%	96.667%
%RSD		1.080	2.082	4.418
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.687%	103.495%	109.773%
%RSD		1.301	3.978	3.364
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.485%	103.436%	0.102
%RSD		0.755	10.350	74.710
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		105.060%	95.278%	95.587%
%RSD		7.146	1.207	4.722
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	109.350%	-0.940
%RSD		0.000	4.549	181.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		106.880%	81.694%	104.982%
%RSD		7.941	0.819	1.198
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.181%	108.236%	0.000
%RSD		1.623	0.692	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.208%	100.464%	115.842%
%RSD		0.485	0.804	0.526
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		106.854%	87.801%	
%RSD		1.444	0.253	

MDLV 11/23/2012 15:05:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.596%	1.188	34.940
%RSD		1.016	4.486	0.591
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		462.000	290.100	46.290
%RSD		2.244	9.250	7.884
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	122.100	1074.000
%RSD		T 0.000	0.215	1.666
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		75.929%	79.218%	2.054
%RSD		0.271	0.896	23.300
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.991	4.532	-1.864
%RSD		23.370	1.533	35.980
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		8.679	355.100	0.182
%RSD		3.436	0.452	7.489
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		2.795	3.259	24.150
%RSD		5.188	4.949	2.713
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		80.817%	1.446	0.074
%RSD		0.612	9.202	19.140
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.542	2.430	4.070
%RSD		23.270	3.852	2.979
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.079	0.184
%RSD		0.000	11.500	735.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.118	80.604%	108.700
%RSD		19.490	0.147	0.656
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		1.731	3.126	0.000
%RSD		1.627	3.675	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		87.828%	0.274	1.633
%RSD		0.319	8.135	1.447
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		2.177	87.699%	
%RSD		1.292	0.279	

mb 240-65198/1-a, 11/23/2012 15:10:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.065%	0.016	0.502
%RSD		0.743	39.990	30.540
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		52.780	42.820	4.791
%RSD		3.347	6.364	7.544
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	49.200	218.200
%RSD		T 0.000	0.926	3.051
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.365%	79.646%	0.183
%RSD		0.340	0.564	108.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.080	0.230	-4.777
%RSD		277.900	3.384	8.258
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.054	30.840	0.013
%RSD		0.946	0.817	43.560
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.120	0.554	7.418
%RSD		17.920	6.146	5.663
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.775%	-0.032	0.605
%RSD		0.618	162.400	11.860
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.024	0.320	-0.238
%RSD		379.400	15.930	20.590
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.015
%RSD		0.000	66.960	4863.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.026	81.224%	21.160
%RSD		72.180	0.394	1.249
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.072	0.608	0.000
%RSD		28.050	11.510	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.850%	0.165	0.125
%RSD		0.517	6.854	4.379
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.159	88.352%	
%RSD		2.749	0.576	

Ics 240-65198/2-a, 11/23/2012 15:15:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.199%	M 933.500	86.120
%RSD		0.524	M 0.212	1.430
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		9941.000	9862.000	M 9359.000
%RSD		0.585	1.284	M 0.710
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 9656.000	9023.000
%RSD		T 0.000	T 0.479	1.865
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		78.306%	81.793%	92.970
%RSD		0.589	1.019	4.249
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 890.000	M 929.600	110.700
%RSD		M 0.426	M 0.671	8.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 944.700	T 9837.000	M 919.300
%RSD		T 0.114	T 0.753	M 0.456
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 933.700	M 945.300	M 932.800
%RSD		M 0.307	M 0.491	M 0.659
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		80.572%	M 863.200	-5.836
%RSD		0.800	M 0.727	4.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 854.500	M 894.200	92.790
%RSD		M 0.758	M 0.434	0.660
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	101.600	627.000
%RSD		0.000	0.486	5.852
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 974.300	82.956%	106.600
%RSD		M 0.399	0.134	0.697
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		93.050	M 935.700	0.000
%RSD		1.766	M 1.079	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		91.161%	92.160	TM 222.600
%RSD		1.161	0.644	TM 0.187
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		TM 919.400	87.261%	
%RSD		TM 0.513	0.058	

240-17422 -a-2-e, 11/23/2012 15:22:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.175%	6.664	19.550
%RSD		0.881	1.451	2.144
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		332.300	22020.000	TM 113700.000
%RSD		0.805	1.271	TM 0.825
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8917.000	11970.000
%RSD		T 0.000	T 0.529	0.467
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.384%	92.352%	M 506.100
%RSD		0.988	0.639	M 1.773
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		194.300	174.700	12.560
%RSD		0.772	0.657	19.230
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8253.000	TM 208300.000	101.100
%RSD		TM 0.265	TM 0.534	1.345
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		197.000	127.500	M 1349.000
%RSD		1.078	1.769	M 0.746
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.716%	122.700	0.904
%RSD		0.878	0.771	5.236
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.527	77.450	12.350
%RSD		5.901	0.612	2.800
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.789	-35.690
%RSD		0.000	3.564	16.630
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.186	90.951%	19.160
%RSD		4.350	0.557	0.582
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.881	M 1126.000	0.000
%RSD		2.240	M 0.445	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.770%	1.284	2.247
%RSD		0.150	3.843	1.384
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 408.300	91.483%	
%RSD		TM 0.216	0.139	

SD 240-17422 -a-2-e@5, 11/23/2012 15:27:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.280%	1.449	4.132
%RSD		0.417	3.460	3.147
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		73.470	4696.000	M 24450.000
%RSD		3.469	0.492	M 1.003
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1882.000	2528.000
%RSD		T 0.000	T 0.577	1.336
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.262%	85.022%	103.400
%RSD		0.407	0.358	1.886
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		39.330	35.600	1.633
%RSD		0.793	0.623	42.050
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1717.000	T 43530.000	20.840
%RSD		TM 0.442	T 0.250	0.631
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		41.240	27.740	M 300.700
%RSD		1.772	1.565	M 0.475
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.919%	26.220	0.269
%RSD		0.327	0.308	8.224
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.578	16.000	2.523
%RSD		9.237	1.382	8.815
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.169	-9.579
%RSD		0.000	8.356	20.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.535	84.792%	4.268
%RSD		8.561	0.367	1.969
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.504	M 233.300	0.000
%RSD		7.249	M 0.457	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.042%	0.423	0.638
%RSD		0.625	0.425	2.081
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		88.560	89.248%	
%RSD		0.453	0.207	

240-17422 -a-2-I du, 11/23/2012 15:32:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.788%	5.966	19.220
%RSD		1.433	0.876	3.842
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		299.700	21640.000	TM 109300.000
%RSD		1.365	0.672	TM 0.310
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8646.000	12550.000
%RSD		T 0.000	T 0.131	0.515
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.981%	85.277%	M 586.900
%RSD		0.401	0.526	M 3.149
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		192.900	174.400	18.160
%RSD		0.955	0.650	5.556
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8841.000	TM 213500.000	103.400
%RSD		TM 0.316	TM 0.712	0.461
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		197.100	129.900	M 1377.000
%RSD		0.476	0.877	M 0.828
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.546%	118.700	0.871
%RSD		0.034	1.079	13.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.100	79.760	13.380
%RSD		7.646	1.606	0.172
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.866	-41.620
%RSD		0.000	4.622	39.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.306	84.015%	20.880
%RSD		4.256	0.830	0.394
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.874	M 1323.000	0.000
%RSD		3.972	M 0.373	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.963%	0.868	2.011
%RSD		0.534	1.271	1.274
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 435.500	85.643%	
%RSD		TM 0.748	0.166	

240-17422 -a-2-g ms, 11/23/2012 15:37:50 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.818%	90.950	80.530
%RSD		0.706	0.927	1.291
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10020.000	31170.000	TM 123500.000
%RSD		0.367	0.842	TM 0.597
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 18250.000	21300.000
%RSD		T 0.000	T 0.448	0.521
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.730%	87.844%	M 624.500
%RSD		0.297	0.360	M 0.609
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 285.200	M 269.800	28.670
%RSD		M 0.564	M 0.066	9.112
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8223.000	TM 220400.000	192.300
%RSD		TM 0.270	TM 0.522	0.326
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 298.400	M 208.600	M 1417.000
%RSD		M 0.572	M 0.654	M 0.689
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.244%	193.000	0.499
%RSD		0.321	0.907	51.460
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		77.740	170.700	102.500
%RSD		2.259	0.333	0.348
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	94.100	-10.480
%RSD		0.000	0.297	552.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		92.560	85.805%	96.650
%RSD		1.085	0.506	0.383
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		26.780	M 1240.000	0.000
%RSD		1.061	M 0.494	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.828%	64.190	93.650
%RSD		0.729	0.881	1.977
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 500.600	85.307%	
%RSD		TM 1.787	1.864	

PDS 240-17422 -a-2-e, 11/23/2012 15:44:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.007%	M 989.900	115.000
%RSD		0.381	M 0.061	1.368
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10640.000	31410.000	TM 119200.000
%RSD		0.539	0.565	TM 0.017
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 18930.000	20790.000
%RSD		T 0.000	T 0.595	0.245
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.988%	93.505%	M 591.100
%RSD		0.464	0.436	M 0.854
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1119.000	M 1120.000	138.400
%RSD		M 0.620	M 0.854	4.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8875.000	TM 210900.000	M 1020.000
%RSD		TM 0.435	TM 0.612	M 0.868
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1116.000	M 1049.000	M 2237.000
%RSD		M 1.102	M 1.138	M 0.317
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.047%	M 1029.000	-5.748
%RSD		0.758	M 0.464	16.580
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 927.200	M 993.700	112.200
%RSD		M 0.677	M 0.421	0.614
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.400	578.700
%RSD		0.000	0.837	7.911
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 997.300	91.352%	120.000
%RSD		M 0.839	0.456	0.769
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.180	M 2042.000	0.000
%RSD		1.362	M 0.358	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.374%	96.760	TM 228.000
%RSD		1.127	0.993	TM 0.429
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1294.000	92.198%	
%RSD		TM 0.591	0.596	

240-17317 -a-21-b, 11/23/2012 15:52:01 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.024%	5.102	34.350
%RSD		0.528	1.193	2.862
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1187.000	15980.000	TM 101600.000
%RSD		1.481	0.811	TM 0.705
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8658.000	31550.000
%RSD		T 0.000	T 0.711	0.547
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.600%	88.085%	M 680.100
%RSD		0.603	0.589	M 1.930
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		173.600	M 241.800	25.020
%RSD		0.648	M 1.101	13.370
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3435.000	TM 231500.000	63.940
%RSD		TM 0.419	TM 1.037	1.230
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 237.500	M 334.100	M 4015.000
%RSD		M 1.720	M 1.246	M 0.906
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.190%	81.390	0.838
%RSD		0.943	0.747	7.606
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.733	155.400	14.670
%RSD		1.067	1.357	2.245
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.645	-18.690
%RSD		0.000	1.172	32.730
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		19.600	86.708%	46.650
%RSD		1.724	0.293	0.444
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		10.310	M 1939.000	0.000
%RSD		1.067	M 0.369	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.675%	4.030	2.152
%RSD		0.719	3.597	1.901
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1047.000	90.768%	
%RSD		TM 0.492	0.132	

CCV 6 11/23/2012 15:56:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.308%	101.126%	97.933%
%RSD		0.549	0.784	0.435
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 103.295%	103.942%	104.138%
%RSD		┬0.443	0.114	1.152
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 104.661%	96.560%
%RSD		┬0.000	┬0.534	0.344
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.621%	92.146%	100.217%
%RSD		0.635	0.272	1.651
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.065%	98.284%	9.986
%RSD		0.707	0.473	14.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬98.043%	┬ 105.253%	97.759%
%RSD		┬0.341	┬0.452	0.626
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.010%	99.359%	103.344%
%RSD		1.330	1.200	2.017
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.830%	98.365%	-0.956
%RSD		0.849	0.465	42.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.104%	99.404%	105.263%
%RSD		0.995	1.135	0.344
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.379%	49.020
%RSD		0.000	0.307	96.130
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		106.156%	88.886%	104.591%
%RSD		1.308	0.434	0.588
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		105.481%	100.832%	0.000
%RSD		0.647	0.529	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.097%	105.969%	103.262%
%RSD		0.812	0.403	0.333
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.317%	86.494%	
%RSD		0.237	0.160	

CCB 6 11/23/2012 16:04:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.901%	0.067	0.621
%RSD		0.320	7.128	27.730
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		19.170	17.590	2.550
%RSD		2.662	14.500	20.820
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	27.770	36.050
%RSD		T 0.000	1.985	11.090
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.608%	87.341%	0.242
%RSD		0.409	0.305	99.150
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.066	-0.097	-2.118
%RSD		117.500	18.460	19.830
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.356	27.330	0.043
%RSD		1.892	6.279	17.740
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.053	0.066	0.826
%RSD		41.350	22.020	7.954
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.995%	0.137	0.047
%RSD		0.831	41.340	199.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.102	0.063	0.340
%RSD		74.580	11.920	28.110
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.031	-0.845
%RSD		0.000	9.847	89.740
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.047	87.426%	0.602
%RSD		17.050	0.176	4.069
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.342	0.050	0.000
%RSD		11.250	33.700	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.541%	0.801	0.448
%RSD		0.379	8.462	7.065
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.089	91.845%	
%RSD		5.027	0.221	

240-17317 -a-22-b, 11/23/2012 16:09:06 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.919%	4.130	17.570
%RSD		1.094	0.975	5.638
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		667.300	15080.000	TM 83690.000
%RSD		0.666	0.942	TM 0.506
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4709.000	17130.000
%RSD		T 0.000	T 0.683	0.352
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.491%	93.693%	M 542.800
%RSD		0.119	0.621	M 1.758
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		160.000	163.800	17.010
%RSD		0.590	0.518	13.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2715.000	TM 173800.000	52.370
%RSD		TM 0.081	TM 0.868	1.001
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		127.400	165.700	M 702.600
%RSD		1.265	0.857	M 0.753
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.594%	72.300	0.554
%RSD		1.120	0.367	10.650
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.582	84.910	11.360
%RSD		4.573	0.711	1.275
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.654	-33.380
%RSD		0.000	4.116	19.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		4.187	90.926%	20.610
%RSD		2.118	0.973	1.407
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.653	M 645.700	0.000
%RSD		2.102	M 0.425	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.033%	1.513	1.968
%RSD		0.526	2.156	2.016
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 495.800	89.730%	
%RSD		TM 0.445	0.650	

240-17317 -a-23-b, 11/23/2012 16:14:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.563%	13.790	96.730
%RSD		0.943	0.807	1.120
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2322.000	57030.000	TM 97930.000
%RSD		0.788	0.608	TM 0.378
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8628.000	TM 626500.000
%RSD		T 0.000	T 0.769	TM 0.541
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.864%	81.360%	M 1474.000
%RSD		0.868	0.753	M 1.102
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		79.560	M 241.600	25.160
%RSD		0.290	M 0.668	5.423
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 15090.000	TM 207300.000	36.340
%RSD		TM 0.445	TM 0.431	0.711
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 316.500	M 2237.000	TM 12330.000
%RSD		M 0.524	M 0.177	TM 0.179
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.157%	91.830	1.164
%RSD		1.202	1.213	10.570
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.167	TM 1636.000	12.460
%RSD		3.530	TM 0.521	2.272
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.501	-98.240
%RSD		0.000	2.787	12.710
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		7.015	81.187%	21.980
%RSD		1.771	0.778	0.333
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.014	M 1450.000	0.000
%RSD		1.289	M 0.772	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.128%	1.339	1.601
%RSD		1.439	0.550	2.390
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1221.000	76.828%	
%RSD		TM 0.426	0.922	

240-17317 -a-24-b, 11/23/2012 16:18:58 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.252%	6.430	52.890
%RSD		0.235	2.439	1.701
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1101.000	28610.000	M 53990.000
%RSD		0.387	0.771	M 1.348
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5973.000	TM 596700.000
%RSD		T 0.000	T 0.463	TM 0.197
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.935%	82.921%	M 717.800
%RSD		0.817	0.953	M 0.739
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		77.650	141.100	10.880
%RSD		1.725	0.858	40.950
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8200.000	TM 174000.000	32.620
%RSD		TM 0.167	TM 0.821	0.385
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		172.400	TM 7704.000	M 1025.000
%RSD		1.562	TM 0.680	M 0.078
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.546%	108.900	1.122
%RSD		0.819	0.574	10.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.917	TM 1323.000	9.049
%RSD		3.284	TM 0.776	1.870
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.837	-62.230
%RSD		0.000	5.060	29.780
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		4.347	84.226%	9.796
%RSD		1.944	0.489	1.280
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.686	M 836.100	0.000
%RSD		2.927	M 0.629	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.794%	1.028	1.601
%RSD		0.629	0.706	1.221
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 319.100	78.004%	
%RSD		TM 0.370	0.722	

240-17422 -a-1-c, 11/23/2012 16:23:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.909%	7.261	29.110
%RSD		0.748	1.652	5.224
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		459.600	25280.000	TM 125000.000
%RSD		0.317	0.687	TM 0.575
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12260.000	27370.000
%RSD		T 0.000	T 0.448	0.410
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.467%	90.529%	M 623.500
%RSD		0.412	0.655	M 2.990
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 213.700	M 222.600	23.160
%RSD		M 0.412	M 0.096	11.540
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6435.000	TM 256400.000	93.020
%RSD		TM 0.077	TM 0.836	0.523
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 227.200	183.100	M 1119.000
%RSD		M 1.077	0.789	M 0.265
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.667%	143.200	1.081
%RSD		0.421	0.410	15.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.498	123.400	11.990
%RSD		5.414	0.615	1.031
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.926	-23.220
%RSD		0.000	1.546	32.840
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.644	91.677%	22.220
%RSD		5.531	0.295	0.885
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.905	M 962.500	0.000
%RSD		0.522	M 0.118	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.894%	0.683	1.843
%RSD		0.390	1.796	1.143
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 695.200	95.881%	
%RSD		TM 0.345	0.150	

240-17422 -a-3-c, 11/23/2012 16:28:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.885%	6.491	20.970
%RSD		0.736	0.437	4.930
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		317.900	25340.000	TM 121900.000
%RSD		1.011	0.990	TM 0.777
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9495.000	12950.000
%RSD		T 0.000	T 0.406	0.274
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.914%	83.941%	M 681.700
%RSD		0.024	1.646	M 1.435
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 218.300	182.700	19.740
%RSD		M 0.490	0.556	2.172
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8377.000	TM 250700.000	112.700
%RSD		TM 0.062	TM 0.721	0.501
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 217.400	143.800	M 925.800
%RSD		M 0.047	0.769	M 0.608
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.994%	129.800	0.706
%RSD		1.699	0.272	7.079
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.035	80.940	14.600
%RSD		2.045	0.658	1.489
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.543	-54.680
%RSD		0.000	3.046	31.630
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.764	83.987%	23.170
%RSD		3.204	1.016	2.019
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.076	M 1055.000	0.000
%RSD		1.618	M 0.667	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.156%	0.757	2.060
%RSD		0.314	1.395	0.682
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 436.200	86.583%	
%RSD		TM 1.553	1.654	

240-17422 -a-4-b, 11/23/2012 16:33:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.561%	6.976	39.760
%RSD		0.366	0.397	0.276
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		905.400	36680.000	TM 107200.000
%RSD		0.427	0.108	TM 0.323
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13500.000	77160.000
%RSD		T 0.000	T 0.966	0.914
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.677%	93.047%	M 750.200
%RSD		0.525	0.987	M 0.289
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		179.200	M 228.800	21.220
%RSD		0.260	M 0.162	5.879
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4809.000	TM 310600.000	103.200
%RSD		TM 0.463	TM 0.372	0.215
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 313.600	M 272.800	M 1178.000
%RSD		M 0.250	M 0.761	M 0.372
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.612%	M 201.000	1.160
%RSD		1.033	M 0.118	15.420
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.081	M 277.900	19.510
%RSD		6.815	M 0.314	1.505
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.304	-90.840
%RSD		0.000	3.801	25.870
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.907	90.818%	13.960
%RSD		6.153	0.562	2.698
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.145	M 718.400	0.000
%RSD		0.990	M 0.630	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.479%	0.751	2.144
%RSD		1.078	6.701	0.929
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 388.100	90.310%	
%RSD		TM 1.311	0.312	

240-17422 -a-5-c, 11/23/2012 16:38:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.597%	5.782	37.920
%RSD		0.648	1.165	2.322
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		499.700	26810.000	TM 81850.000
%RSD		0.618	0.414	TM 0.309
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 11350.000	52200.000
%RSD		T 0.000	T 0.595	0.149
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		89.022%	92.711%	M 461.100
%RSD		0.474	0.853	M 2.044
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		129.900	M 230.500	21.670
%RSD		0.409	M 0.799	9.309
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4507.000	TM 199600.000	81.200
%RSD		TM 0.150	TM 0.898	1.134
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 261.900	159.000	M 764.300
%RSD		M 0.985	1.380	M 0.989
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.357%	111.900	1.097
%RSD		0.968	1.176	5.567
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.634	165.600	9.128
%RSD		2.147	0.285	1.259
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	4.557	-37.420
%RSD		0.000	0.712	6.371
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.567	91.622%	9.743
%RSD		1.248	0.556	0.479
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.039	M 572.300	0.000
%RSD		1.717	M 0.184	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.378%	0.544	1.299
%RSD		0.626	0.213	0.732
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		170.300	93.336%	
%RSD		0.739	0.444	

240-17422 -a-6-e, 11/23/2012 16:43:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.455%	4.996	31.370
%RSD		0.612	0.833	1.340
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		419.800	24520.000	TM 70160.000
%RSD		1.290	0.598	TM 0.743
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8859.000	49740.000
%RSD		T 0.000	T 0.762	0.225
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.195%	93.381%	M 405.500
%RSD		0.098	0.170	M 0.269
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		117.000	183.800	16.390
%RSD		0.762	0.256	12.910
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4395.000	TM 194000.000	74.870
%RSD		TM 0.360	TM 0.528	0.194
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 236.500	151.100	M 679.400
%RSD		M 0.449	0.603	M 0.841
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.028%	102.600	0.895
%RSD		0.571	0.091	1.047
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.690	160.100	10.070
%RSD		9.013	0.614	2.949
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	4.673	-48.930
%RSD		0.000	2.832	18.510
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.234	91.878%	9.951
%RSD		3.548	0.476	0.776
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.035	M 521.700	0.000
%RSD		2.123	M 0.474	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.569%	0.554	1.150
%RSD		0.670	4.316	1.671
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		160.400	92.338%	
%RSD		0.325	0.550	

240-17422 -a-6-l du, 11/23/2012 16:48:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.756%	4.943	30.540
%RSD		0.984	2.707	3.266
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		416.700	24680.000	TM 68700.000
%RSD		0.172	0.694	TM 0.364
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8530.000	49340.000
%RSD		T 0.000	T 0.474	0.419
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		89.567%	93.298%	M 479.000
%RSD		0.772	0.560	M 0.430
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		116.200	184.900	20.540
%RSD		1.427	0.325	17.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4687.000	TM 196600.000	76.430
%RSD		TM 0.534	TM 0.216	0.441
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 250.100	155.700	M 667.500
%RSD		M 0.934	1.223	M 0.472
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.755%	106.300	0.965
%RSD		0.891	1.351	12.460
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.280	155.300	9.318
%RSD		1.259	0.380	3.944
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	5.142	-53.520
%RSD		0.000	0.771	19.690
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.391	91.012%	11.750
%RSD		2.871	0.360	1.592
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.076	M 544.000	0.000
%RSD		0.963	M 0.047	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.330%	0.610	1.240
%RSD		0.892	4.008	1.267
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		163.800	91.387%	
%RSD		0.694	0.311	

240-17422 -a-6-g ms, 11/23/2012 16:53:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.036%	92.990	114.000
%RSD		0.384	0.692	0.592
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9805.000	35110.000	TM 87440.000
%RSD		0.768	0.355	TM 0.270
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 19120.000	61600.000
%RSD		T 0.000	T 0.397	0.370
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.219%	95.488%	M 588.200
%RSD		0.403	1.028	M 0.804
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 217.000	M 277.200	29.300
%RSD		M 0.467	M 0.645	15.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4975.000	TM 207900.000	171.900
%RSD		TM 0.064	TM 0.547	0.631
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 329.200	M 239.500	M 747.200
%RSD		M 1.408	M 0.947	M 0.848
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.474%	184.900	0.560
%RSD		1.201	0.034	27.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		77.080	M 259.100	97.590
%RSD		0.527	M 0.309	0.659
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.660	-6.752
%RSD		0.000	0.892	682.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		91.580	92.504%	91.780
%RSD		0.462	0.567	0.658
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		25.590	M 672.500	0.000
%RSD		1.053	M 0.346	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.936%	62.370	93.300
%RSD		1.065	0.335	0.116
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 261.000	89.202%	
%RSD		TM 0.073	1.000	

CCV 7 11/23/2012 17:00:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.987%	103.689%	100.015%
%RSD		0.397	0.273	0.882
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 102.821%	102.831%	103.952%
%RSD		T 0.500	0.112	1.194
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 104.109%	96.863%
%RSD		T 0.000	T 0.532	0.178
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		87.647%	89.662%	98.211%
%RSD		0.290	0.657	2.304
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.679%	98.317%	8.677
%RSD		0.192	0.147	7.093
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 100.194%	T 104.621%	98.140%
%RSD		T 0.094	T 0.167	0.491
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		98.325%	99.454%	103.098%
%RSD		1.345	0.838	0.532
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.074%	98.689%	-0.809
%RSD		0.815	1.323	22.690
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.039%	99.100%	106.323%
%RSD		1.619	0.252	1.815
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	105.324%	50.220
%RSD		0.000	0.486	75.680
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		106.154%	88.057%	104.353%
%RSD		0.588	0.913	0.907
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		103.928%	101.615%	0.000
%RSD		0.743	0.604	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		95.585%	106.123%	103.439%
%RSD		0.882	0.923	1.007
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		105.812%	86.498%	
%RSD		1.009	0.442	

CCB 7 11/23/2012 17:08:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.308%	0.066	1.083
%RSD		0.288	12.600	17.120
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		21.850	17.670	5.225
%RSD		1.042	7.892	11.490
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	28.310	37.390
%RSD		T 0.000	1.870	20.640
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		81.860%	83.780%	0.362
%RSD		0.105	0.307	67.360
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.101	-0.101	-2.001
%RSD		38.010	14.140	24.590
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.490	32.060	0.042
%RSD		5.409	8.027	43.940
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.086	0.118	0.930
%RSD		36.780	30.480	6.832
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.814%	0.136	-0.004
%RSD		0.655	36.560	2879.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.012	0.069	0.347
%RSD		266.900	10.520	49.840
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.036	-0.979
%RSD		0.000	20.680	137.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.038	85.958%	0.435
%RSD		49.200	0.748	4.290
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.178	0.096	0.000
%RSD		4.705	38.250	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.628%	0.714	0.396
%RSD		0.158	12.290	7.825
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.117	91.330%	
%RSD		3.414	0.421	

240-17422 -a-7-b, 11/23/2012 17:13:07 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.940%	7.653	50.500
%RSD		0.466	1.399	3.590
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		703.600	38950.000	TM 115800.000
%RSD		0.416	0.752	TM 0.505
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12850.000	88010.000
%RSD		T 0.000	T 0.392	0.301
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.145%	91.715%	M 894.500
%RSD		0.618	1.399	M 1.348
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		196.500	M 261.800	28.120
%RSD		0.605	M 0.477	2.985
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6583.000	TM 275600.000	102.300
%RSD		TM 0.178	TM 0.835	1.073
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 281.300	M 211.500	M 841.300
%RSD		M 0.626	M 0.259	M 0.784
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.414%	131.800	1.173
%RSD		1.175	0.946	5.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.056	M 232.500	15.450
%RSD		4.295	M 0.568	2.682
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.403	-68.590
%RSD		0.000	5.599	2.121
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		4.878	90.039%	12.350
%RSD		0.579	0.785	1.504
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		9.599	M 811.300	0.000
%RSD		0.865	M 0.231	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.990%	0.969	1.844
%RSD		1.263	4.478	1.097
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 357.900	90.424%	
%RSD		TM 0.734	0.396	

240-17422 -a-8-b@10, 11/23/2012 17:18:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.047%	3.818	29.350
%RSD		1.395	0.523	2.684
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		476.700	11300.000	M 18890.000
%RSD		1.398	0.669	M 0.696
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1184.000	70920.000
%RSD		T 0.000	0.222	0.716
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		81.401%	81.698%	M 365.000
%RSD		0.339	0.803	M 1.023
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.469	14.840	-0.085
%RSD		5.241	0.713	1310.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2149.000	T 18780.000	10.060
%RSD		TM 0.192	T 0.696	0.608
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		27.620	18.350	114.000
%RSD		1.678	0.794	1.942
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.470%	31.690	0.099
%RSD		0.906	0.891	59.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.603	194.000	1.513
%RSD		13.920	0.357	4.144
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.065	-33.380
%RSD		0.000	11.500	10.990
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.699	83.169%	2.133
%RSD		3.019	0.735	3.087
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.289	189.400	0.000
%RSD		5.615	0.374	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.640%	0.328	0.478
%RSD		0.436	0.814	2.362
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		30.050	87.172%	
%RSD		0.615	0.572	

240-17422 -a-9-d, 11/23/2012 17:22:59 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.580%	7.929	20.100
%RSD		0.634	1.909	1.334
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		486.400	24660.000	TM 129200.000
%RSD		0.547	0.298	TM 0.721
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8224.000	15910.000
%RSD		T 0.000	T 0.447	0.454
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.219%	82.297%	M 478.300
%RSD		0.715	1.325	M 2.706
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 197.600	M 219.100	24.160
%RSD		M 1.443	M 0.969	12.700
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11660.000	TM 275500.000	123.600
%RSD		TM 0.210	TM 0.666	1.048
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 254.600	M 308.000	M 1670.000
%RSD		M 1.224	M 1.018	M 0.122
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.136%	170.600	0.899
%RSD		1.431	0.952	12.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.297	75.620	22.780
%RSD		5.548	0.835	0.976
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.580	-68.660
%RSD		0.000	2.902	17.730
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		6.357	80.851%	12.390
%RSD		4.760	2.204	2.534
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.315	M 811.000	0.000
%RSD		2.677	M 0.584	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.495%	0.774	2.298
%RSD		0.717	1.065	0.635
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 237.800	85.774%	
%RSD		M 0.645	0.950	

240-17422 -a-9-k du, 11/23/2012 17:27:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.871%	7.735	19.380
%RSD		0.606	1.946	4.361
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		484.700	24830.000	TM 126400.000
%RSD		0.368	0.222	TM 0.123
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8081.000	15360.000
%RSD		T 0.000	T 0.339	0.550
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.685%	80.495%	M 498.100
%RSD		0.390	0.089	M 0.988
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		195.400	M 228.700	22.220
%RSD		1.601	M 1.084	15.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8633.000	TM 267300.000	115.900
%RSD		TM 0.496	TM 0.687	0.726
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 254.800	M 302.300	M 1685.000
%RSD		M 1.006	M 0.565	M 0.085
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.165%	154.700	0.999
%RSD		0.420	0.192	7.480
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.898	75.440	22.250
%RSD		3.032	1.609	0.947
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.582	-66.010
%RSD		0.000	4.780	37.720
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		6.378	78.701%	13.520
%RSD		1.982	0.512	1.761
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.336	M 821.400	0.000
%RSD		2.289	M 0.497	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.964%	0.800	2.261
%RSD		0.461	0.402	1.066
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 226.800	83.373%	
%RSD		M 0.503	0.123	

240-17422 -a-9-f ms, 11/23/2012 17:32:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.626%	92.040	77.840
%RSD		0.398	0.293	2.077
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9798.000	35710.000	TM 154800.000
%RSD		0.543	0.816	TM 0.622
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 18390.000	23180.000
%RSD		T 0.000	T 0.467	0.403
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.370%	81.680%	M 531.200
%RSD		0.127	0.911	M 0.992
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 301.700	M 327.900	35.230
%RSD		M 0.513	M 0.277	4.218
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8192.000	TM 279200.000	M 204.400
%RSD		TM 0.263	TM 0.117	M 0.858
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 345.700	M 390.500	M 1862.000
%RSD		M 1.578	M 1.190	M 1.263
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.318%	M 229.600	0.453
%RSD		1.504	M 1.310	67.140
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		79.230	170.200	107.700
%RSD		2.421	1.006	1.373
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	90.480	-24.800
%RSD		0.000	0.632	76.480
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		95.480	78.686%	90.790
%RSD		1.665	0.938	0.546
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		24.630	M 921.800	0.000
%RSD		1.049	M 0.183	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.423%	55.790	88.850
%RSD		0.705	1.083	0.166
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 311.100	82.235%	
%RSD		TM 0.740	0.571	

240-17422 -a-10-b, 11/23/2012 17:39:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.678%	8.980	21.770
%RSD		1.073	0.707	0.418
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		528.400	29110.000	TM 153600.000
%RSD		1.575	0.393	TM 0.651
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9646.000	15080.000
%RSD		T 0.000	T 0.459	0.976
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.098%	81.301%	M 526.700
%RSD		0.394	0.708	M 3.122
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 235.700	M 273.300	29.130
%RSD		M 1.164	M 0.721	19.670
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9452.000	TM 347200.000	152.100
%RSD		TM 0.054	TM 1.042	0.555
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 301.200	M 329.600	M 1631.000
%RSD		M 0.849	M 0.340	M 0.741
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.078%	194.800	1.040
%RSD		0.472	0.395	7.586
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.459	82.720	28.450
%RSD		3.301	0.468	1.007
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.607	-89.920
%RSD		0.000	4.847	15.960
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		5.949	78.005%	15.040
%RSD		1.136	0.450	1.121
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.547	M 916.500	0.000
%RSD		2.617	M 0.888	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.723%	1.106	2.799
%RSD		0.746	6.998	0.558
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 250.400	81.853%	
%RSD		M 0.872	0.079	

240-17422 -a-11-b, 11/23/2012 17:44:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.142%	4.979	18.410
%RSD		0.775	1.504	0.683
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		390.600	16020.000	TM 84420.000
%RSD		1.522	1.515	TM 0.437
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5146.000	13400.000
%RSD		T 0.000	T 0.454	0.538
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.400%	78.264%	M 504.000
%RSD		0.115	0.310	M 1.949
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		153.700	121.300	15.360
%RSD		0.720	0.470	13.010
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4852.000	TM 227000.000	84.700
%RSD		TM 0.526	TM 0.389	0.290
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		137.900	122.800	M 570.700
%RSD		1.751	2.058	M 0.854
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.697%	97.410	0.541
%RSD		1.311	0.167	7.261
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.954	63.870	14.390
%RSD		1.821	0.811	1.826
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.445	-53.080
%RSD		0.000	7.466	24.180
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.658	76.627%	15.210
%RSD		2.362	0.438	0.702
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.071	M 770.500	0.000
%RSD		0.561	M 0.441	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.793%	0.745	1.767
%RSD		0.723	1.490	0.812
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 206.100	80.717%	
%RSD		M 0.746	0.272	

240-17422 -a-12-b, 11/23/2012 17:49:39 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.053%	5.672	17.760
%RSD		0.936	1.691	1.963
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		608.300	24350.000	TM 121800.000
%RSD		0.890	0.487	TM 1.137
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7699.000	12370.000
%RSD		T 0.000	T 0.649	1.163
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.581%	80.057%	M 554.300
%RSD		0.310	0.972	M 2.214
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 228.100	M 235.600	22.930
%RSD		M 1.218	M 0.383	10.140
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3419.000	TM 236300.000	83.270
%RSD		TM 0.467	TM 0.538	0.647
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		180.500	148.000	M 507.700
%RSD		1.132	1.295	M 0.100
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.640%	101.700	0.823
%RSD		0.588	0.533	29.230
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.713	56.710	16.880
%RSD		4.621	0.948	1.468
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.385	-34.910
%RSD		0.000	2.031	27.520
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.022	77.541%	12.530
%RSD		4.997	0.343	0.656
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.143	M 654.200	0.000
%RSD		4.844	M 0.344	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.224%	0.688	1.977
%RSD		0.453	1.741	1.666
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 208.800	81.965%	
%RSD		M 0.339	0.324	

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User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.627%	6.808	39.600
%RSD		1.102	1.332	1.755
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		690.700	34480.000	TM 80620.000
%RSD		0.267	0.430	TM 0.469
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9609.000	M 101600.000
%RSD		T 0.000	T 0.575	M 0.419
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.461%	88.792%	M 801.100
%RSD		0.396	0.684	M 1.508
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		149.600	M 268.200	27.020
%RSD		1.221	M 0.826	4.504
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7482.000	TM 219900.000	148.000
%RSD		TM 0.231	TM 0.352	0.584
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 345.200	163.100	M 591.800
%RSD		M 0.572	1.255	M 0.682
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.726%	M 385.700	0.903
%RSD		0.667	M 0.599	14.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.520	M 223.700	9.655
%RSD		6.431	M 0.301	1.048
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	2.099	-37.500
%RSD		0.000	2.229	5.948
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.366	86.782%	8.944
%RSD		3.115	0.265	0.578
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.435	M 659.400	0.000
%RSD		4.183	M 0.590	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.958%	1.192	0.878
%RSD		0.835	3.087	3.337
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 249.700	95.782%	
%RSD		TM 0.733	1.171	

240-17477 -a-6-e, 11/23/2012 17:59:35 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.761%	6.685	43.000
%RSD		0.855	3.090	2.248
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		658.600	33970.000	TM 97390.000
%RSD		0.896	0.085	TM 0.523
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 10920.000	69770.000
%RSD		T 0.000	T 0.789	0.302
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.204%	89.024%	M 617.500
%RSD		0.548	1.000	M 1.937
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		170.400	M 251.300	20.660
%RSD		0.821	M 0.625	2.612
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6698.000	TM 238400.000	105.700
%RSD		TM 0.086	TM 0.545	0.218
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 293.900	136.400	M 554.300
%RSD		M 0.514	0.283	M 0.755
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.802%	M 265.700	0.920
%RSD		0.859	M 0.188	9.916
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.797	173.000	11.290
%RSD		4.483	0.080	2.062
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.671	-40.340
%RSD		0.000	1.211	16.560
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.095	86.870%	10.080
%RSD		8.705	0.824	2.069
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.842	M 755.200	0.000
%RSD		2.032	M 0.454	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.114%	0.740	1.643
%RSD		0.632	3.715	0.899
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		171.600	90.405%	
%RSD		0.712	0.611	

CCV 8 11/23/2012 18:04:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.664%	102.823%	98.064%
%RSD		0.507	0.132	1.332
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 103.536%	104.499%	104.943%
%RSD		┬0.572	0.585	1.951
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 106.430%	96.787%
%RSD		┬0.000	┬0.774	0.391
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.118%	89.319%	104.323%
%RSD		0.059	0.319	3.821
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.295%	99.441%	8.191
%RSD		0.518	0.733	12.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬99.892%	┬ 105.739%	97.600%
%RSD		┬0.164	┬0.603	0.458
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.562%	99.616%	104.174%
%RSD		0.875	0.623	1.022
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.606%	98.571%	-0.924
%RSD		0.687	0.278	27.940
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.043%	99.112%	106.415%
%RSD		0.846	0.308	0.926
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.483%	102.600
%RSD		0.000	0.312	28.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.836%	85.914%	106.072%
%RSD		0.233	0.088	0.885
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.108%	103.017%	0.000
%RSD		0.199	0.534	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.590%	106.107%	103.467%
%RSD		0.579	0.888	0.355
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		106.103%	84.601%	
%RSD		0.520	0.306	

CCB 8 11/23/2012 18:11:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.004%	0.068	0.730
%RSD		0.984	10.620	10.810
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		26.190	27.780	7.693
%RSD		2.041	40.580	7.207
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	30.410	42.520
%RSD		T 0.000	4.313	13.070
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		81.157%	82.866%	0.231
%RSD		0.283	1.049	75.140
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.037	-0.122	-1.839
%RSD		165.100	25.880	4.314
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.606	41.150	0.068
%RSD		3.987	5.684	8.353
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.083	0.100	0.995
%RSD		17.230	12.520	8.846
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		82.372%	0.155	0.070
%RSD		0.360	81.390	83.770
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.079	0.075	0.264
%RSD		12.640	10.510	22.940
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.046	-0.041
%RSD		0.000	21.130	2717.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.058	83.065%	0.418
%RSD		14.940	0.460	1.718
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.168	0.145	0.000
%RSD		20.530	27.680	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		89.009%	0.704	0.344
%RSD		0.376	11.010	3.971
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.139	88.579%	
%RSD		4.934	0.160	

240-17477 -a-6-l du, 11/23/2012 18:16:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.837%	6.855	43.600
%RSD		0.664	2.171	1.737
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		618.900	33410.000	TM 95340.000
%RSD		1.045	0.402	TM 0.426
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9766.000	79520.000
%RSD		T 0.000	T 0.400	0.390
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.401%	86.891%	M 610.100
%RSD		0.283	0.285	M 1.748
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		182.300	M 237.200	24.460
%RSD		0.471	M 0.669	6.568
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7885.000	TM 264500.000	120.100
%RSD		TM 0.165	TM 0.259	0.739
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 295.200	139.700	M 520.200
%RSD		M 0.573	1.124	M 1.052
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.937%	M 315.900	1.011
%RSD		1.012	M 0.561	7.774
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.584	179.200	13.780
%RSD		1.943	1.146	0.970
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.709	-37.910
%RSD		0.000	2.621	17.140
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.228	85.351%	10.390
%RSD		3.590	0.619	1.491
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.085	M 721.300	0.000
%RSD		0.832	M 0.301	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.771%	1.062	1.922
%RSD		0.573	2.711	1.714
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		196.500	87.532%	
%RSD		0.547	0.330	

240-17477 -a-6-g ms, 11/23/2012 18:21:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.699%	91.500	116.600
%RSD		0.165	0.465	1.133
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9990.000	39740.000	TM 106500.000
%RSD		0.258	0.282	TM 0.217
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 18780.000	74170.000
%RSD		T 0.000	T 0.527	0.318
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.454%	90.063%	M 820.400
%RSD		0.508	1.496	M 0.852
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 277.200	M 341.100	36.210
%RSD		M 0.109	M 0.123	14.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7297.000	TM 271300.000	197.800
%RSD		TM 0.192	TM 0.343	0.367
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 374.300	M 217.000	M 586.100
%RSD		M 0.862	M 0.327	M 0.349
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.194%	M 313.100	0.473
%RSD		1.078	M 0.704	30.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		77.160	M 261.500	103.500
%RSD		1.982	M 0.197	0.569
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	93.030	-45.580
%RSD		0.000	0.438	78.740
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		90.040	87.248%	90.430
%RSD		0.514	0.670	0.860
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		29.270	M 801.300	0.000
%RSD		0.910	M 0.202	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.760%	63.340	92.610
%RSD		1.362	0.242	0.792
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 282.700	85.538%	
%RSD		TM 0.420	1.253	

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User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.675%	5.029	30.490
%RSD		0.819	1.649	1.944
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		435.500	27220.000	TM 76850.000
%RSD		0.984	0.477	TM 0.644
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8563.000	42580.000
%RSD		T 0.000	T 0.771	0.443
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.195%	88.596%	M 458.800
%RSD		0.211	1.056	M 1.809
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		150.500	170.000	15.920
%RSD		1.245	0.513	8.793
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5218.000	TM 229200.000	97.890
%RSD		TM 0.612	TM 0.090	0.515
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 246.900	119.600	M 503.800
%RSD		M 0.426	1.008	M 0.622
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.989%	M 255.100	0.863
%RSD		0.359	M 0.603	3.792
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.718	110.200	9.835
%RSD		5.219	1.019	3.296
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.751	-42.870
%RSD		0.000	2.196	33.290
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.952	85.840%	7.821
%RSD		7.413	0.452	0.222
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.466	M 513.800	0.000
%RSD		1.580	M 0.716	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.638%	0.863	1.513
%RSD		0.903	7.378	2.030
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		151.800	89.448%	
%RSD		0.422	0.807	

CCV 9 11/23/2012 18:33:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.135%	102.557%	98.616%
%RSD		0.738	0.630	1.249
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.320%	103.268%	105.406%
%RSD		T 0.295	0.221	1.235
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 104.547%	96.325%
%RSD		T 0.000	T 0.650	0.065
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.102%	87.895%	96.649%
%RSD		0.319	0.577	2.338
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.247%	97.128%	8.492
%RSD		0.804	0.857	6.079
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 99.470%	T 104.244%	97.257%
%RSD		T 0.322	T 0.588	0.350
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		96.965%	97.757%	102.846%
%RSD		0.623	0.838	0.346
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.416%	98.265%	-0.846
%RSD		0.127	1.443	24.720
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.297%	98.323%	104.845%
%RSD		0.428	0.487	1.608
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.627%	-6.281
%RSD		0.000	0.584	298.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		106.625%	85.044%	104.618%
%RSD		1.067	0.080	0.384
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.163%	101.785%	0.000
%RSD		1.031	1.426	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.732%	105.864%	102.845%
%RSD		0.670	0.402	0.276
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.779%	83.894%	
%RSD		0.261	0.623	

CCB 9 11/23/2012 18:41:06 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.687%	0.072	1.023
%RSD		0.735	21.040	10.270
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		35.600	36.760	10.970
%RSD		5.866	7.757	12.490
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	33.680	50.020
%RSD		T 0.000	0.978	3.140
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		80.344%	82.577%	0.396
%RSD		0.129	0.345	66.900
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.181	-0.090	-2.698
%RSD		59.630	11.920	9.597
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.847	51.870	0.081
%RSD		1.685	4.976	19.680
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.111	0.132	0.894
%RSD		26.450	13.540	14.210
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		82.405%	0.146	0.063
%RSD		0.574	68.160	77.130
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.130	0.092	0.347
%RSD		64.170	12.400	26.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.072	0.035
%RSD		0.000	13.760	1201.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.074	82.973%	0.438
%RSD		19.130	0.871	10.660
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.200	0.193	0.000
%RSD		9.556	15.050	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		88.936%	0.756	0.397
%RSD		0.674	12.120	6.644
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.162	89.057%	
%RSD		4.733	0.295	

CRI-751770 11/23/2012 18:46:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.781%	110.866%	104.405%
%RSD		1.388	5.581	3.057
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		108.093%	109.728%	106.384%
%RSD		0.890	3.659	5.404
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	108.149%	96.645%
%RSD		T 0.000	0.812	1.322
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.054%	79.669%	92.705%
%RSD		0.200	0.528	7.323
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		95.375%	92.513%	-1.871
%RSD		5.399	0.602	29.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		127.952%	141.009%	101.322%
%RSD		1.365	4.502	5.137
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.987%	113.350%	110.978%
%RSD		12.360	5.752	4.746
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.336%	101.404%	-0.010
%RSD		0.727	3.758	413.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		104.558%	94.288%	93.709%
%RSD		12.730	0.824	0.572
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	117.504%	0.762
%RSD		0.000	7.553	277.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		115.400%	80.807%	103.183%
%RSD		18.580	0.279	0.885
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.068%	102.813%	0.000
%RSD		0.867	6.672	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.142%	100.648%	119.732%
%RSD		0.269	1.278	0.623
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		109.437%	86.618%	
%RSD		1.315	0.188	

MDLV 11/23/2012 18:51:06 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.873%	1.122	35.350
%RSD		0.515	6.430	5.422
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		465.500	268.600	47.340
%RSD		0.792	4.947	1.147
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	129.800	1085.000
%RSD		T 0.000	1.818	2.138
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		73.758%	77.725%	1.947
%RSD		0.426	0.379	21.490
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		1.018	4.446	-2.088
%RSD		4.756	0.842	22.790
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		8.560	357.900	0.178
%RSD		0.761	0.509	9.185
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		2.656	3.251	23.120
%RSD		5.550	2.350	3.373
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		79.855%	1.490	0.146
%RSD		0.201	3.061	35.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.776	2.459	3.937
%RSD		27.280	4.556	3.774
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.098	0.213
%RSD		0.000	16.430	1207.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.115	78.703%	108.200
%RSD		21.440	0.460	0.536
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		1.772	3.200	0.000
%RSD		0.768	4.518	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		86.349%	0.319	1.644
%RSD		0.477	7.450	1.082
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		2.192	85.506%	
%RSD		0.966	0.377	

ICSA 11/23/2012 18:56:11 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.301%	0.004	0.844
%RSD		0.731	46.590	33.950
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 51650.000	51840.000	M 49350.000
%RSD		T 0.441	0.250	M 0.525
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 52380.000	48920.000
%RSD		T 0.000	T 0.273	0.533
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.989%	84.273%	M 1022.000
%RSD		0.406	1.220	M 2.929
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.209	0.407	-1.733
%RSD		24.420	1.139	28.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.165	TM 52030.000	0.072
%RSD		2.462	TM 0.156	17.700
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.401	0.368	1.375
%RSD		4.178	22.210	15.680
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.755%	0.377	-0.102
%RSD		0.688	26.220	96.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.037	0.187	M 1003.000
%RSD		509.800	7.370	M 1.666
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.029	60.630
%RSD		0.000	22.960	23.270
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.158	83.281%	0.478
%RSD		47.250	0.615	7.658
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.206	0.127	0.000
%RSD		2.747	33.450	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.854%	0.237	0.144
%RSD		0.951	1.401	2.360
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.193	82.463%	
%RSD		5.831	0.647	

ICSAB 11/23/2012 19:01:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.389%	102.009%	97.959%
%RSD		0.504	0.483	1.727
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 103.394%	104.458%	M 99.408%
%RSD		T 0.696	1.022	M 0.308
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 106.490%	98.651%
%RSD		T 0.000	T 0.340	0.043
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.797%	88.027%	M 102.599%
%RSD		0.352	0.128	M 0.312
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.200%	99.037%	10.300
%RSD		0.598	0.770	3.199
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		104.913%	TM 104.774%	96.472%
%RSD		0.402	TM 0.922	0.956
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		97.663%	96.677%	102.546%
%RSD		1.754	0.888	1.451
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.416%	96.274%	-0.209
%RSD		0.746	0.468	72.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.176%	97.101%	M 1127.000
%RSD		1.769	0.930	M 1.371
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.728%	118.800
%RSD		0.000	0.613	14.550
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		106.968%	86.847%	106.028%
%RSD		1.054	0.618	0.655
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.907%	104.670%	0.000
%RSD		0.789	0.802	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.548%	105.806%	104.445%
%RSD		1.011	1.324	0.390
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.659%	85.288%	
%RSD		0.571	0.632	

CCV 11/23/2012 19:08:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.532%	103.230%	98.986%
%RSD		0.490	0.108	1.151
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬102.180%	101.491%	105.579%
%RSD		┬0.645	0.328	0.362
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬0.000	┬103.019%	96.008%
%RSD		┬0.000	┬0.094	0.093
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		82.752%	84.736%	100.735%
%RSD		0.348	0.390	1.901
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		96.365%	96.882%	9.180
%RSD		0.233	0.748	31.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬99.225%	┬103.500%	96.764%
%RSD		┬0.217	┬0.148	0.313
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		97.669%	97.786%	102.088%
%RSD		0.690	0.793	0.599
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		81.796%	98.174%	-0.717
%RSD		0.266	0.171	8.463
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.185%	98.062%	118.357%
%RSD		1.966	0.780	2.252
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	103.752%	62.550
%RSD		0.000	0.235	29.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		105.789%	82.994%	103.505%
%RSD		0.695	0.505	0.549
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		103.803%	100.288%	0.000
%RSD		1.180	1.116	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		90.743%	106.361%	102.371%
%RSD		0.567	0.510	0.682
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		104.235%	83.278%	
%RSD		0.662	0.432	

CCB 11/23/2012 19:15:36 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.940%	0.068	1.002
%RSD		1.235	15.290	22.280
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		30.960	32.430	10.080
%RSD		2.770	7.428	8.139
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	35.790	49.660
%RSD		T 0.000	1.754	24.110
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		75.851%	78.589%	0.448
%RSD		0.575	0.335	22.300
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.160	-0.103	-1.921
%RSD		98.630	14.690	28.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.897	43.430	0.087
%RSD		1.596	4.025	12.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.098	0.116	1.013
%RSD		11.590	23.370	20.070
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		78.756%	0.136	0.052
%RSD		0.134	29.670	158.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.032	0.089	2.797
%RSD		98.140	12.250	10.020
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.065	0.661
%RSD		0.000	9.725	232.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.046	80.331%	0.463
%RSD		9.798	0.528	4.682
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.238	0.164	0.000
%RSD		2.488	18.820	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		86.634%	0.957	0.454
%RSD		0.036	9.068	5.239
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.142	87.254%	
%RSD		4.547	1.034	

mb 240-65558/1-a, 11/23/2012 19:20:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.717%	0.004	1.164
%RSD		0.357	144.600	11.260
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		55.850	52.650	3.819
%RSD		1.231	12.490	21.710
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	45.670	202.000
%RSD		T 0.000	2.422	3.201
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.709%	78.309%	0.246
%RSD		0.128	0.190	20.410
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.040	0.202	-3.711
%RSD		151.000	16.770	6.296
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.766	34.610	0.012
%RSD		2.454	0.881	51.330
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.142	0.546	4.804
%RSD		17.130	12.640	11.620
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.608%	-0.079	0.579
%RSD		0.336	100.500	9.904
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.010	0.383	1.786
%RSD		285.700	4.442	4.984
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	0.806
%RSD		0.000	31.950	80.570
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	78.848%	26.290
%RSD		96.110	0.039	1.551
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.112	1.129	0.000
%RSD		7.570	2.213	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.147%	0.476	0.314
%RSD		0.602	7.699	4.435
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.315	85.051%	
%RSD		4.333	0.567	

lcs 240-65558/3-a, 11/23/2012 19:25:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.704%	M 923.900	87.100
%RSD		0.026	M 0.199	1.797
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10370.000	10130.000	M 9807.000
%RSD		0.932	1.413	M 1.278
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9887.000	9104.000
%RSD		T 0.000	T 0.317	0.484
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.580%	76.084%	97.040
%RSD		0.412	0.640	2.229
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 909.000	M 946.900	117.500
%RSD		M 0.274	M 0.445	6.760
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 967.500	T 10050.000	M 925.400
%RSD		T 0.242	T 0.955	M 0.783
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 934.000	M 942.000	M 909.400
%RSD		M 0.898	M 0.811	M 0.866
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.222%	M 844.200	-4.859
%RSD		0.772	M 0.443	6.208
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 801.700	M 904.500	95.860
%RSD		M 0.872	M 0.660	0.493
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.500	450.300
%RSD		0.000	0.739	26.370
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 969.300	78.227%	113.400
%RSD		M 0.184	0.586	0.237
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		94.180	M 957.400	0.000
%RSD		0.933	M 0.605	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.378%	95.000	TM 229.600
%RSD		0.473	0.610	TM 0.439
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 958.800	82.570%	
%RSD		TM 0.614	0.141	

240-17583 -c-8-a, 11/23/2012 19:32:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.169%	5.994	M 283.700
%RSD		1.016	1.943	M 1.745
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1396.000	M 261200.000	M 51550.000
%RSD		1.458	M 1.317	M 1.400
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4183.000	TM 1007000.000
%RSD		T 0.000	T 0.579	TM 0.238
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.335%	60.746%	M 10410.000
%RSD		0.617	1.649	M 0.817
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1822.000	TM 10110.000	1726.000
%RSD		M 0.225	TM 0.359	1.510
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 362000.000	TM 1487000.000	15.550
%RSD		TM 0.324	TM 0.279	1.154
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		44.120	M 366.700	M 755.800
%RSD		1.209	M 0.545	M 0.414
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.030%	19.840	1.022
%RSD		0.907	1.258	9.120
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.241	M 579.000	17.880
%RSD		13.580	M 0.624	0.917
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.446	-92.330
%RSD		0.000	6.842	24.280
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		3.504	63.630%	99.590
%RSD		1.549	1.001	0.488
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.870	M 783.800	0.000
%RSD		2.621	M 0.370	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		70.891%	M 204.000	1.029
%RSD		1.621	M 0.657	5.210
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 436.100	63.958%	
%RSD		TM 0.285	1.466	

SD 240-17583 -c-8-a@5, 11/23/2012 19:37:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.655%	1.891	80.900
%RSD		0.710	4.394	0.505
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		328.300	64080.000	M 12680.000
%RSD		1.894	0.055	M 0.848
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	948.600	M 231100.000
%RSD		T 0.000	0.641	M 0.355
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		61.541%	68.416%	M 2436.000
%RSD		0.247	1.290	M 0.241
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 453.000	M 2477.000	330.100
%RSD		M 0.550	M 0.484	0.569
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 95870.000	TM 365700.000	4.018
%RSD		TM 0.518	TM 0.485	3.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		11.980	100.000	M 225.200
%RSD		2.017	0.782	M 0.306
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		67.497%	5.628	0.316
%RSD		0.486	3.116	40.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		1.262	131.600	4.096
%RSD		16.990	0.490	3.148
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.130	-7.033
%RSD		0.000	4.919	171.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		1.093	71.411%	24.220
%RSD		9.906	0.713	0.392
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.873	182.900	0.000
%RSD		3.322	0.597	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		80.946%	51.800	0.410
%RSD		0.587	1.464	5.425
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		111.100	74.633%	
%RSD		0.628	0.762	

PDS 240-17583 -c-8-a, 11/23/2012 19:42:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.599%	M 758.600	M 373.100
%RSD		0.790	M 0.674	M 1.177
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12070.000	M 322100.000	M 70610.000
%RSD		0.777	M 0.086	M 0.784
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17150.000	TM 1230000.000
%RSD		T 0.000	T 1.766	TM 0.928
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		53.830%	59.182%	M 12520.000
%RSD		0.382	1.228	M 0.276
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 3115.000	TM 13030.000	2085.000
%RSD		M 0.312	TM 0.703	2.583
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 428900.000	TM 1776000.000	M 862.100
%RSD		TM 0.505	TM 0.957	M 0.937
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 835.000	M 1174.000	M 1564.000
%RSD		M 0.623	M 0.962	M 0.268
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.570%	M 742.200	-3.165
%RSD		0.897	M 0.707	20.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 662.500	M 1674.000	125.000
%RSD		M 1.276	M 0.620	1.534
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	84.830	365.400
%RSD		0.000	0.812	49.840
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 848.300	60.928%	M 214.700
%RSD		M 0.959	1.000	M 0.821
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		88.940	M 1964.000	0.000
%RSD		0.622	M 0.471	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		68.286%	M 337.700	TM 237.200
%RSD		0.979	M 1.042	TM 1.044
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1393.000	61.516%	
%RSD		TM 1.282	1.191	

240-17583 -c-8-b ms@5, 11/23/2012 19:49:17 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.626%	176.500	106.100
%RSD		0.793	0.761	2.326
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2288.000	71180.000	M 16730.000
%RSD		1.379	0.534	M 1.067
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2821.000	M 253800.000
%RSD		T 0.000	T 1.011	M 0.378
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.500%	66.691%	M 2791.000
%RSD		0.864	1.074	M 0.558
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 689.600	M 2825.000	401.300
%RSD		M 0.717	M 0.201	5.140
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 103200.000	TM 378700.000	178.400
%RSD		TM 0.230	TM 0.616	0.426
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		191.500	M 272.500	M 421.600
%RSD		0.869	M 0.472	M 0.441
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.678%	176.300	-0.789
%RSD		0.619	0.290	27.520
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		166.400	M 318.700	22.230
%RSD		0.786	M 0.394	0.575
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	18.770	98.870
%RSD		0.000	0.614	88.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		185.700	70.176%	43.590
%RSD		0.489	0.378	1.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.367	M 377.900	0.000
%RSD		2.188	M 0.514	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.225%	71.250	47.320
%RSD		0.964	0.545	0.485
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 297.100	73.107%	
%RSD		TM 0.582	0.091	

240-17583 -c-8-c msd@5, 11/23/2012 19:55:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.943%	182.200	107.400
%RSD		0.393	0.218	1.237
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2303.000	81210.000	M 15860.000
%RSD		1.303	1.708	M 1.056
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2803.000	M 235400.000
%RSD		T 0.000	T 0.810	M 0.188
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		57.807%	65.174%	M 2813.000
%RSD		0.391	0.702	M 1.499
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 765.400	M 2791.000	368.400
%RSD		M 0.772	M 0.711	3.355
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 107100.000	TM 395500.000	181.000
%RSD		TM 0.437	TM 0.559	0.218
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		184.300	M 270.900	M 361.800
%RSD		0.585	M 0.884	M 1.033
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.003%	176.900	-1.288
%RSD		0.661	0.906	26.740
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		167.100	M 318.700	23.330
%RSD		1.714	M 0.756	1.054
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	18.970	145.700
%RSD		0.000	1.444	89.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		190.400	67.938%	43.070
%RSD		1.168	0.159	0.593
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.263	M 366.500	0.000
%RSD		3.201	M 0.978	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.092%	70.960	44.840
%RSD		0.851	1.064	0.588
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 245.800	76.764%	
%RSD		M 0.922	0.360	

240-17583 -c-9-a, 11/23/2012 20:02:16 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		47.211%	6.697	173.200
%RSD		0.544	1.550	0.927
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1237.000	M 164900.000	TM 92210.000
%RSD		0.177	M 0.720	TM 0.790
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9064.000	TM 785900.000
%RSD		T 0.000	T 0.809	TM 0.397
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		54.226%	59.250%	M 8162.000
%RSD		0.824	0.975	M 0.426
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1371.000	TM 4862.000	759.300
%RSD		M 0.598	TM 0.293	2.981
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 237500.000	TM 1233000.000	51.100
%RSD		TM 0.404	TM 0.894	0.561
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		151.600	M 566.100	M 2390.000
%RSD		0.249	M 0.206	M 0.360
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.367%	59.280	0.938
%RSD		1.062	1.299	15.540
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.744	M 536.000	20.320
%RSD		2.346	M 0.340	1.650
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.440	-121.200
%RSD		0.000	2.517	21.210
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		15.800	62.619%	151.200
%RSD		1.776	1.972	0.484
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		8.579	M 1045.000	0.000
%RSD		2.652	M 0.505	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		70.357%	123.800	1.111
%RSD		1.476	1.122	1.561
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 695.400	104.474%	
%RSD		TM 0.575	0.893	

CCV 10 11/23/2012 20:07:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.124%	102.418%	99.770%
%RSD		0.497	0.293	1.275
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 104.331%	103.879%	104.616%
%RSD		┬0.775	0.748	1.037
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 107.305%	94.835%
%RSD		┬0.000	┬0.070	0.466
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.196%	75.836%	105.210%
%RSD		0.385	0.580	6.635
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.313%	98.212%	9.730
%RSD		0.686	0.371	25.480
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 103.918%	┬ 107.168%	96.996%
%RSD		┬0.084	┬0.729	0.944
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		97.515%	98.680%	103.327%
%RSD		0.291	1.132	1.112
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.898%	97.338%	-0.671
%RSD		0.445	1.167	4.839
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.566%	98.279%	104.828%
%RSD		0.576	0.080	1.007
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.716%	37.410
%RSD		0.000	0.352	140.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.984%	75.672%	104.924%
%RSD		1.123	0.550	0.664
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.581%	101.396%	0.000
%RSD		0.990	0.697	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.854%	109.778%	102.570%
%RSD		1.197	0.045	0.255
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.381%	78.321%	
%RSD		0.426	0.163	

CCB 10 11/23/2012 20:14:26 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.169%	0.089	2.393
%RSD		0.828	11.910	18.310
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		34.370	41.040	11.160
%RSD		5.516	8.078	4.289
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	37.300	51.950
%RSD		T 0.000	0.696	17.330
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.927%	73.065%	1.015
%RSD		0.080	0.615	31.970
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.085	-0.091	-2.161
%RSD		140.200	19.470	10.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.654	53.450	0.089
%RSD		3.912	3.418	12.020
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.118	0.153	0.996
%RSD		40.340	30.730	4.326
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.025%	0.090	0.070
%RSD		0.416	29.570	138.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.018	0.115	0.510
%RSD		426.700	23.670	15.830
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.060	-0.981
%RSD		0.000	9.016	90.650
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.076	74.757%	0.425
%RSD		22.180	0.313	4.574
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.274	0.114	0.000
%RSD		9.948	39.180	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.528%	1.474	0.449
%RSD		0.621	8.993	4.868
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.168	82.476%	
%RSD		2.515	0.013	

240-17583 -d-10 -a, 11/23/2012 20:19:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.597%	6.490	57.000
%RSD		0.104	2.561	3.164
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		902.500	62050.000	TM 136600.000
%RSD		0.241	0.541	TM 0.115
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13090.000	M 126200.000
%RSD		T 0.000	T 0.528	M 0.279
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.065%	78.014%	M 5036.000
%RSD		0.532	0.584	M 0.711
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 605.000	M 777.700	88.580
%RSD		M 0.903	M 0.490	10.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 37000.000	TM 416200.000	141.300
%RSD		TM 0.213	TM 0.432	0.653
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		160.200	M 212.000	M 1516.000
%RSD		1.115	M 0.788	M 0.239
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.774%	47.950	0.845
%RSD		1.080	0.205	6.176
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.670	M 206.500	14.260
%RSD		8.817	M 0.512	1.148
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.382	-62.100
%RSD		0.000	0.605	29.880
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		9.794	77.313%	43.490
%RSD		3.099	0.383	0.623
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.601	M 937.600	0.000
%RSD		1.270	M 0.480	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.272%	8.575	2.232
%RSD		1.183	0.655	2.056
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 518.800	81.431%	
%RSD		TM 1.049	1.719	

240-17583 -c-11 -a, 11/23/2012 20:24:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		42.914%	7.052	M 223.000
%RSD		0.143	1.068	M 1.028
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		914.300	M 279100.000	M 65020.000
%RSD		0.610	M 0.483	M 0.619
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1980.000	TM 1455000.000
%RSD		T 0.000	0.183	TM 0.548
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		50.936%	53.867%	M 4824.000
%RSD		0.671	0.738	M 0.047
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1539.000	TM 12430.000	1928.000
%RSD		M 0.493	TM 0.542	2.382
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 317500.000	TM 1632000.000	6.817
%RSD		TM 0.346	TM 0.368	1.947
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		18.760	M 230.400	106.400
%RSD		2.421	M 0.797	0.971
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.401%	8.626	1.228
%RSD		0.223	1.989	11.190
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.749	M 813.900	6.476
%RSD		10.680	M 0.763	1.807
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.102	-94.930
%RSD		0.000	13.910	8.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.299	56.768%	52.700
%RSD		6.893	0.277	0.930
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.667	M 770.000	0.000
%RSD		6.715	M 0.724	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		64.392%	139.800	0.391
%RSD		1.126	0.980	3.923
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		18.400	47.241%	
%RSD		0.516	1.151	

240-17583 -c-12 -a, 11/23/2012 20:29:23 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.898%	7.085	114.000
%RSD		0.301	0.490	2.937
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1213.000	M 129700.000	TM 86370.000
%RSD		0.909	M 0.662	TM 0.726
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9692.000	TM 467700.000
%RSD		T 0.000	T 0.317	TM 1.029
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.940%	63.046%	M 5064.000
%RSD		0.696	0.942	M 0.545
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 710.200	M 2921.000	402.800
%RSD		M 0.483	M 0.263	2.607
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 111300.000	TM 771200.000	72.130
%RSD		TM 0.238	TM 0.521	0.218
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		170.100	M 537.100	M 5396.000
%RSD		1.003	M 0.146	M 0.280
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.465%	74.370	0.962
%RSD		0.914	1.513	5.443
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.453	M 411.300	33.120
%RSD		8.600	M 0.294	0.696
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	3.447	-100.300
%RSD		0.000	2.591	12.910
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		29.620	66.196%	164.100
%RSD		1.089	1.149	0.260
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		8.093	M 870.700	0.000
%RSD		0.412	M 0.204	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.631%	52.520	0.731
%RSD		1.372	0.452	1.657
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1053.000	168.320%	
%RSD		TM 0.597	0.539	

240-17583 -c-13 -a, 11/23/2012 20:34:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.068%	5.760	45.990
%RSD		0.954	1.693	1.867
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		819.600	50120.000	TM 130100.000
%RSD		1.049	0.622	TM 0.595
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13240.000	50070.000
%RSD		T 0.000	T 0.327	0.252
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.635%	79.456%	M 5094.000
%RSD		0.099	0.467	M 0.112
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 446.500	M 324.400	38.810
%RSD		M 0.191	M 0.508	4.438
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 13350.000	TM 333900.000	132.300
%RSD		TM 0.218	TM 0.477	0.405
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		165.700	M 209.300	M 1312.000
%RSD		1.616	M 0.717	M 0.626
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.397%	44.850	0.840
%RSD		0.790	1.361	2.319
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.059	157.600	15.090
%RSD		6.109	0.653	1.063
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.221	-61.550
%RSD		0.000	5.041	15.870
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		7.177	78.536%	41.190
%RSD		1.786	0.259	0.687
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.759	M 885.900	0.000
%RSD		1.848	M 0.584	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.040%	6.994	2.101
%RSD		0.960	5.201	0.272
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 438.900	84.651%	
%RSD		TM 0.457	0.101	

240-17680 -f-1-a, 11/23/2012 20:39:25 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.834%	5.475	153.900
%RSD		0.364	2.215	0.569
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		22950.000	M 131300.000	M 62250.000
%RSD		0.896	M 0.997	M 0.946
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 16780.000	TM 887700.000
%RSD		T 0.000	T 0.675	TM 0.183
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.748%	69.951%	M 2572.000
%RSD		1.083	0.928	M 0.448
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		168.200	M 199.700	21.820
%RSD		0.875	M 1.128	13.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4694.000	TM 125900.000	37.640
%RSD		TM 0.279	TM 0.635	1.605
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		112.500	184.300	M 1396.000
%RSD		1.337	0.911	M 0.172
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.287%	45.890	1.037
%RSD		0.293	1.876	8.898
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.351	TM 1907.000	74.420
%RSD		6.451	TM 0.331	0.728
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.683	-67.630
%RSD		0.000	5.187	17.760
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		8.155	71.570%	34.560
%RSD		3.578	1.128	0.227
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 432.600	M 1049.000	0.000
%RSD		M 0.892	M 0.485	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.677%	3.785	1.191
%RSD		1.092	2.802	2.119
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 531.400	66.450%	
%RSD		TM 0.433	0.820	

240-17680 -f-2-a, 11/23/2012 20:44:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.159%	8.627	170.900
%RSD		0.918	0.926	2.851
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8580.000	M 200400.000	TM 78720.000
%RSD		0.455	M 0.815	TM 0.835
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17810.000	TM 1261000.000
%RSD		T 0.000	T 1.023	TM 0.411
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.782%	66.858%	M 2873.000
%RSD		0.204	0.646	M 1.487
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 206.200	M 263.900	28.160
%RSD		M 0.704	M 0.715	11.770
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6645.000	TM 152900.000	45.850
%RSD		TM 0.490	TM 0.490	0.848
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		137.800	M 236.100	M 1066.000
%RSD		1.279	M 0.448	M 0.760
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.932%	59.610	1.254
%RSD		0.784	0.165	17.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.310	TM 4153.000	27.790
%RSD		3.253	TM 0.698	0.972
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.556	-99.590
%RSD		0.000	5.052	8.694
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		5.758	69.578%	34.580
%RSD		2.272	0.376	1.066
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		6.159	M 1190.000	0.000
%RSD		2.139	M 0.601	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.543%	2.900	1.305
%RSD		0.858	0.980	0.762
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 591.100	61.609%	
%RSD		TM 0.385	1.359	

240-17680 -f-3-a, 11/23/2012 20:49:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.277%	5.332	162.800
%RSD		1.126	0.888	3.366
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12780.000	M 166600.000	M 66740.000
%RSD		1.141	M 1.099	M 0.922
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 20120.000	TM 935000.000
%RSD		T 0.000	T 0.813	TM 0.617
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.893%	68.236%	M 2718.000
%RSD		0.365	0.684	M 0.755
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 204.500	M 276.800	29.990
%RSD		M 0.411	M 0.588	10.260
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5006.000	TM 134500.000	46.600
%RSD		TM 0.502	TM 0.824	1.102
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		133.300	M 224.500	M 2135.000
%RSD		1.146	M 0.773	M 0.806
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.901%	65.190	1.117
%RSD		0.889	1.070	5.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.254	TM 1790.000	127.700
%RSD		4.873	TM 0.698	2.869
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.661	-111.400
%RSD		0.000	1.092	16.460
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		9.099	71.019%	38.440
%RSD		2.116	0.647	0.771
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 741.500	M 935.700	0.000
%RSD		M 0.218	M 0.405	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.803%	3.482	1.484
%RSD		0.584	4.056	1.500
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 456.800	67.672%	
%RSD		TM 0.243	0.909	

240-17680 -f-4-a, 11/23/2012 20:54:21 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.462%	5.888	142.800
%RSD		0.766	2.127	1.638
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9316.000	M 180500.000	M 70520.000
%RSD		0.980	M 0.585	M 0.608
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17640.000	TM 1277000.000
%RSD		T 0.000	T 0.351	TM 0.480
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.691%	63.997%	M 2894.000
%RSD		0.476	1.118	M 0.237
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 205.500	M 237.900	23.110
%RSD		M 0.613	M 0.311	7.793
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5821.000	TM 150400.000	46.020
%RSD		TM 0.246	TM 0.552	0.820
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		141.800	M 260.600	M 1087.000
%RSD		0.212	M 1.003	M 0.348
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.516%	56.200	1.209
%RSD		0.292	0.378	3.619
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.365	TM 3093.000	28.580
%RSD		1.668	TM 0.355	0.433
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.882	-94.750
%RSD		0.000	3.853	22.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		6.277	67.655%	36.870
%RSD		5.487	0.463	0.381
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		10.720	M 1156.000	0.000
%RSD		6.281	M 0.426	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.760%	3.440	1.399
%RSD		1.184	0.731	2.843
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 664.700	59.623%	
%RSD		TM 0.846	0.402	

mb 240-65743/1-a, 11/23/2012 20:59:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.438%	0.010	3.187
%RSD		0.662	93.230	12.530
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		50.970	70.100	16.680
%RSD		2.985	27.640	31.340
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	48.200	403.200
%RSD		T 0.000	2.565	5.133
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.482%	79.963%	4.910
%RSD		0.323	0.260	14.410
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.086	0.591	-4.596
%RSD		91.000	8.612	10.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		4.410	86.200	0.031
%RSD		8.921	18.580	19.280
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.435	0.673	5.395
%RSD		15.900	4.711	8.318
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.981%	0.036	0.643
%RSD		0.269	197.800	4.276
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.017	0.634	0.442
%RSD		313.200	18.390	31.950
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.727
%RSD		0.000	161.500	106.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.022	82.608%	18.970
%RSD		66.530	0.497	1.327
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.021	0.946	0.000
%RSD		6.974	6.090	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.331%	0.292	0.087
%RSD		1.013	9.067	6.638
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.433	88.591%	
%RSD		10.320	0.770	

lcs 240-65743/2-a, 11/23/2012 21:04:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		63.392%	M 927.900	87.220
%RSD		0.508	M 0.358	0.582
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9641.000	9479.000	M 9069.000
%RSD		0.544	1.714	M 0.882
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9892.000	8958.000
%RSD		T 0.000	T 0.142	0.317
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.724%	76.484%	96.320
%RSD		0.284	0.372	3.109
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 879.300	M 906.800	104.900
%RSD		M 0.411	M 0.435	3.177
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 957.800	T 9802.000	M 897.200
%RSD		T 0.317	T 0.588	M 0.656
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 913.800	M 922.000	M 854.800
%RSD		M 0.499	M 0.431	M 0.893
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.011%	M 824.900	-4.674
%RSD		0.256	M 0.065	9.316
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 773.000	M 868.300	92.030
%RSD		M 0.589	M 0.436	0.698
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.700	622.600
%RSD		0.000	0.407	11.710
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 920.400	78.726%	111.200
%RSD		M 0.211	0.279	1.420
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.310	M 937.000	0.000
%RSD		1.231	M 0.705	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.319%	90.450	TM 222.200
%RSD		0.438	1.270	TM 0.364
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 932.300	82.577%	
%RSD		TM 0.609	0.328	

CCV 11 11/23/2012 21:11:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.747%	108.724%	101.227%
%RSD		1.050	0.616	0.869
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 102.284%	100.228%	104.270%
%RSD		┬0.774	1.518	0.762
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 104.687%	95.118%
%RSD		┬0.000	┬0.557	0.069
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		68.608%	74.724%	101.860%
%RSD		0.852	0.494	0.789
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.454%	98.309%	10.080
%RSD		0.249	0.480	13.730
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 103.669%	┬ 104.987%	98.276%
%RSD		┬0.227	┬0.765	0.391
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.202%	100.076%	101.581%
%RSD		0.417	1.804	2.083
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.643%	98.902%	-0.819
%RSD		1.263	0.929	21.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.606%	97.797%	106.481%
%RSD		2.872	0.652	0.929
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.726%	56.930
%RSD		0.000	0.207	113.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.497%	75.036%	104.218%
%RSD		0.689	0.898	0.194
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.748%	103.020%	0.000
%RSD		0.604	0.899	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		82.273%	106.377%	102.907%
%RSD		1.111	0.750	0.555
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.632%	75.273%	
%RSD		0.835	0.268	

CCB 11 11/23/2012 21:18:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.486%	0.099	2.229
%RSD		0.590	7.522	14.990
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		36.660	40.470	13.980
%RSD		2.616	7.716	18.980
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	43.290	71.450
%RSD		T 0.000	5.153	5.054
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		68.972%	72.701%	0.519
%RSD		0.561	0.188	48.030
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.230	0.023	-2.153
%RSD		112.200	109.100	36.830
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		6.700	75.560	0.115
%RSD		1.331	2.777	14.610
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.113	0.199	0.848
%RSD		25.210	28.200	9.157
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.375%	0.243	0.044
%RSD		0.846	35.130	210.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.163	0.128	0.532
%RSD		56.040	11.730	21.010
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.071	-1.644
%RSD		0.000	16.420	101.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.068	74.363%	0.409
%RSD		8.922	1.003	5.797
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.699	0.196	0.000
%RSD		6.614	23.530	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.757%	0.970	0.488
%RSD		0.270	9.807	2.631
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.226	80.284%	
%RSD		4.105	0.105	

240-17766 -c-1-a, 11/23/2012 21:23:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.064%	4.207	35.450
%RSD		0.616	1.729	5.813
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2214.000	49450.000	M 62480.000
%RSD		1.299	1.117	M 0.755
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6948.000	71970.000
%RSD		T 0.000	T 0.491	0.160
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.504%	72.512%	M 5803.000
%RSD		0.840	1.242	M 0.678
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 388.000	146.400	11.410
%RSD		M 0.997	1.628	6.302
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2433.000	TM 175000.000	57.840
%RSD		TM 0.120	TM 1.421	1.287
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		142.100	176.600	M 259.800
%RSD		1.115	0.914	M 0.943
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.457%	24.600	1.127
%RSD		0.963	0.654	12.870
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.457	139.100	2.097
%RSD		12.440	0.401	2.044
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.185	-68.790
%RSD		0.000	5.873	10.740
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.717	73.441%	12.430
%RSD		7.951	1.315	1.930
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.799	M 336.200	0.000
%RSD		3.815	M 0.691	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.823%	1.283	0.879
%RSD		1.493	1.372	1.131
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		40.420	74.628%	
%RSD		0.266	1.122	

SD 240-17766 -c-1-a@5, 11/23/2012 21:28:50 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.452%	0.952	9.200
%RSD		0.372	12.500	8.588
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		471.800	10490.000	M 13290.000
%RSD		1.394	0.708	M 0.173
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1514.000	15200.000
%RSD		T 0.000	0.627	0.510
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.236%	71.696%	M 1211.000
%RSD		0.166	0.241	M 1.403
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		80.980	30.770	0.622
%RSD		1.053	0.725	36.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 519.700	T 36780.000	12.150
%RSD		T 0.302	T 0.176	0.912
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		30.600	39.070	60.540
%RSD		2.153	0.862	1.524
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.595%	5.436	0.243
%RSD		0.986	4.986	29.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.652	28.070	0.197
%RSD		28.080	0.360	40.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.046	-20.850
%RSD		0.000	11.040	14.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.182	73.851%	2.774
%RSD		7.657	0.358	1.895
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.656	71.910	0.000
%RSD		3.200	1.190	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.570%	0.465	0.298
%RSD		0.711	4.857	3.059
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		8.243	79.822%	
%RSD		0.132	0.343	

PDS 240-17766 -c-1-a, 11/23/2012 21:33:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.862%	M 999.100	126.500
%RSD		1.172	M 0.950	2.819
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12130.000	57410.000	M 68800.000
%RSD		1.089	1.012	M 0.534
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17020.000	78620.000
%RSD		T 0.000	T 0.510	0.081
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.134%	68.919%	M 5669.000
%RSD		0.413	0.527	M 0.897
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1298.000	M 1079.000	124.900
%RSD		M 1.156	M 1.397	0.580
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3331.000	TM 179700.000	M 975.100
%RSD		TM 0.430	TM 1.368	M 1.109
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1054.000	M 1090.000	M 1160.000
%RSD		M 1.233	M 1.169	M 0.952
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.981%	M 917.400	-5.611
%RSD		0.846	M 0.822	7.198
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 864.800	M 1070.000	105.000
%RSD		M 1.234	M 1.064	0.773
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.900	426.900
%RSD		0.000	0.478	21.690
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1006.000	69.113%	117.400
%RSD		M 0.643	0.258	0.843
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.400	M 1292.000	0.000
%RSD		0.710	M 0.401	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.303%	97.000	TM 243.000
%RSD		0.959	1.029	TM 0.622
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1047.000	72.258%	
%RSD		TM 0.751	0.133	

240-17766 -c-1-b ms, 11/23/2012 21:41:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.318%	M 896.800	109.300
%RSD		0.569	M 0.374	2.409
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11240.000	55780.000	M 71490.000
%RSD		1.501	1.066	M 1.020
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 15990.000	67640.000
%RSD		T 0.000	T 0.585	0.216
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.772%	67.711%	M 4119.000
%RSD		0.284	0.521	M 0.568
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1179.000	M 1009.000	118.500
%RSD		M 1.182	M 0.853	9.636
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3115.000	TM 160400.000	M 911.800
%RSD		TM 0.359	TM 0.923	M 0.654
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 990.900	M 1012.000	M 1027.000
%RSD		M 0.131	M 0.364	M 0.602
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.320%	M 795.200	-3.946
%RSD		0.450	M 0.462	15.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 711.900	M 1014.000	91.520
%RSD		M 0.554	M 0.259	0.057
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	93.770	393.300
%RSD		0.000	0.952	16.840
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 891.500	69.034%	95.370
%RSD		M 0.760	0.439	1.071
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		33.290	M 1243.000	0.000
%RSD		2.384	M 0.608	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.125%	62.620	TM 224.400
%RSD		0.928	1.011	TM 0.605
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 964.500	71.624%	
%RSD		TM 0.965	0.244	

240-17766 -c-1-c msd, 11/23/2012 21:48:16 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.393%	M 946.400	109.800
%RSD		0.338	M 0.623	1.350
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11190.000	56490.000	M 70570.000
%RSD		1.424	1.902	M 1.412
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 15590.000	72510.000
%RSD		T 0.000	T 0.070	0.188
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.726%	67.183%	M 4536.000
%RSD		0.350	1.008	M 1.102
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1161.000	M 993.300	117.300
%RSD		M 0.861	M 0.795	7.801
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3395.000	TM 171200.000	M 885.800
%RSD		TM 0.199	TM 1.397	M 0.758
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 979.000	M 999.700	M 1101.000
%RSD		M 0.536	M 0.580	M 0.640
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.714%	M 844.500	-4.827
%RSD		0.543	M 0.274	16.410
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 806.700	M 971.700	86.030
%RSD		M 0.978	M 0.644	1.852
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	92.890	485.300
%RSD		0.000	0.782	12.380
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 930.100	67.572%	94.490
%RSD		M 0.345	0.348	1.482
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		33.170	M 1195.000	0.000
%RSD		0.578	M 0.431	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.209%	56.390	TM 216.700
%RSD		0.363	1.813	TM 0.767
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 936.100	71.936%	
%RSD		TM 1.072	0.253	

240-17766 -c-2-a, 11/23/2012 21:55:30 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.489%	4.165	28.810
%RSD		0.169	2.104	1.887
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2077.000	55880.000	M 65600.000
%RSD		1.602	0.973	M 0.853
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5068.000	60360.000
%RSD		T 0.000	T 0.357	0.229
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.401%	66.688%	M 6328.000
%RSD		0.144	0.559	M 0.209
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 415.500	135.000	10.500
%RSD		M 0.103	0.649	21.470
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2938.000	TM 200600.000	77.380
%RSD		TM 0.327	TM 0.544	0.537
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		167.900	M 217.600	M 322.700
%RSD		0.436	M 0.323	M 0.855
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.786%	26.590	1.034
%RSD		0.424	1.295	17.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.782	145.100	4.077
%RSD		8.253	0.252	10.840
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.225	-100.500
%RSD		0.000	9.316	1.837
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.754	67.521%	14.100
%RSD		3.628	0.459	0.645
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.842	M 337.700	0.000
%RSD		4.005	M 0.047	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.072%	2.788	1.324
%RSD		0.466	7.715	3.761
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		38.820	70.092%	
%RSD		0.653	0.261	

240-17766 -d-3-a, 11/23/2012 22:00:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.760%	4.698	29.010
%RSD		0.842	2.052	3.930
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1549.000	50700.000	M 72830.000
%RSD		1.199	0.563	M 0.603
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6237.000	39700.000
%RSD		T 0.000	T 0.766	0.566
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.400%	67.867%	M 5301.000
%RSD		0.312	0.444	M 0.783
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 335.800	154.200	12.040
%RSD		M 0.579	0.855	6.823
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3793.000	TM 205500.000	75.190
%RSD		TM 0.492	TM 0.475	0.298
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		175.100	M 252.600	M 296.500
%RSD		1.018	M 0.805	M 0.707
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.000%	24.060	0.983
%RSD		1.145	2.526	7.591
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.020	94.390	3.443
%RSD		10.770	0.341	6.494
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.215	-141.900
%RSD		0.000	5.128	7.262
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.771	68.604%	14.310
%RSD		6.479	0.245	1.018
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.287	M 463.500	0.000
%RSD		2.444	M 0.735	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.111%	1.406	1.264
%RSD		1.086	0.463	1.547
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		40.740	71.508%	
%RSD		0.912	0.682	

240-17766 -g-4-a, 11/23/2012 22:05:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.540%	6.938	52.230
%RSD		0.685	2.240	1.739
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2427.000	52250.000	M 72950.000
%RSD		0.532	0.518	M 0.530
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6052.000	M 154900.000
%RSD		T 0.000	T 0.289	M 0.441
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.265%	67.011%	M 5985.000
%RSD		0.307	0.576	M 1.046
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 329.000	165.800	15.180
%RSD		M 0.922	0.608	17.350
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11060.000	TM 206700.000	64.700
%RSD		TM 0.273	TM 0.875	1.337
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		164.700	M 237.800	M 306.100
%RSD		1.315	M 0.788	M 1.552
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.387%	27.410	1.035
%RSD		0.506	1.377	7.051
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.912	M 273.300	2.842
%RSD		4.246	M 0.889	10.330
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.340	-121.000
%RSD		0.000	4.277	26.520
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.971	68.036%	15.050
%RSD		8.480	0.404	1.604
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.375	M 521.500	0.000
%RSD		0.551	M 0.679	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.261%	1.386	0.978
%RSD		0.994	0.992	1.597
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		68.390	69.772%	
%RSD		0.516	0.319	

240-17766 -d-5-a, 11/23/2012 22:10:33 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.823%	11.760	105.900
%RSD		0.458	1.337	1.645
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4287.000	32070.000	TM 90370.000
%RSD		0.377	0.747	TM 0.426
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 42790.000	M 237900.000
%RSD		T 0.000	T 0.642	M 0.193
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.943%	65.168%	M 3102.000
%RSD		0.273	0.611	M 0.648
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 206.500	M 234.300	23.260
%RSD		M 0.487	M 0.438	4.162
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 15590.000	TM 557900.000	41.640
%RSD		TM 0.136	TM 0.092	0.245
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		158.400	M 1452.000	M 5264.000
%RSD		0.671	M 0.678	M 0.472
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.316%	58.960	0.929
%RSD		1.054	1.318	8.289
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.813	M 1042.000	22.500
%RSD		13.590	M 0.034	1.567
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	18.750	-134.200
%RSD		0.000	1.141	28.740
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		15.400	69.021%	121.600
%RSD		2.438	0.451	0.209
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.808	M 905.100	0.000
%RSD		3.872	M 0.397	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.195%	3.482	2.220
%RSD		0.946	0.136	0.428
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 853.100	219.885%	
%RSD		TM 0.293	0.579	

240-17766 -c-6-a@5, 11/23/2012 22:15:32 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.790%	4.486	44.980
%RSD		0.513	3.593	1.167
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		550.200	13040.000	M 24160.000
%RSD		0.379	0.806	M 0.583
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2498.000	97430.000
%RSD		T 0.000	T 0.916	0.470
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.310%	62.433%	M 1160.000
%RSD		0.099	0.577	M 2.249
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		59.660	158.600	17.110
%RSD		0.884	0.949	5.466
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9589.000	TM 360100.000	19.040
%RSD		TM 0.189	TM 0.483	1.492
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		57.970	M 279.100	M 2197.000
%RSD		0.843	M 0.939	M 0.337
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		63.433%	30.160	0.291
%RSD		0.358	2.296	12.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.903	174.900	16.720
%RSD		4.142	0.512	1.900
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.110	-53.390
%RSD		0.000	2.886	32.460
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		6.759	66.051%	56.200
%RSD		3.395	0.770	0.714
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.973	M 331.800	0.000
%RSD		1.698	M 1.311	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.293%	2.624	0.900
%RSD		0.673	0.965	0.753
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 339.500	244.410%	
%RSD		TM 0.369	0.360	

CCV 12 11/23/2012 22:20:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.292%	104.723%	98.107%
%RSD		0.304	0.903	2.402
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.086%	102.061%	105.241%
%RSD		T 0.429	0.770	1.072
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 107.246%	94.879%
%RSD		T 0.000	T 0.436	0.210
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.765%	65.396%	105.440%
%RSD		0.715	0.648	3.647
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.472%	98.294%	8.827
%RSD		1.098	0.868	3.995
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 105.093%	T 106.349%	97.002%
%RSD		T 0.404	T 1.006	1.063
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.032%	98.974%	102.747%
%RSD		0.719	0.254	1.528
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.388%	98.075%	-0.830
%RSD		0.387	1.133	25.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.845%	98.369%	105.934%
%RSD		0.871	0.577	0.783
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	106.249%	-40.380
%RSD		0.000	0.948	135.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.870%	66.463%	105.858%
%RSD		0.873	0.349	1.127
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.886%	102.555%	0.000
%RSD		1.156	1.072	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.822%	107.290%	102.608%
%RSD		1.135	1.133	0.464
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.709%	70.791%	
%RSD		0.908	0.431	

CCB 12 11/23/2012 22:27:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.484%	0.137	1.760
%RSD		0.531	23.630	23.180
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		40.530	52.210	15.650
%RSD		3.526	5.454	1.637
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	47.300	95.160
%RSD		T 0.000	1.686	6.710
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.609%	65.664%	1.136
%RSD		0.534	0.566	50.870
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.306	0.042	-3.143
%RSD		34.460	73.500	9.302
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.485	84.320	0.113
%RSD		0.249	3.698	18.730
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.159	0.201	1.116
%RSD		32.990	24.970	15.860
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.903%	0.173	0.024
%RSD		1.103	58.950	383.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.112	0.158	0.476
%RSD		86.360	12.320	31.090
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.077	0.292
%RSD		0.000	4.973	681.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.120	67.932%	0.432
%RSD		15.620	0.266	20.080
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.294	0.215	0.000
%RSD		10.910	35.020	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.743%	0.895	0.444
%RSD		0.277	14.300	4.783
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.312	76.881%	
%RSD		2.726	0.509	

240-17766 -c-7-a, 11/23/2012 22:32:43 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.545%	11.080	116.900
%RSD		0.337	1.355	1.591
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10660.000	30690.000	TM 145600.000
%RSD		0.510	0.321	TM 0.360
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 119600.000	M 171700.000
%RSD		T 0.000	TM 0.572	M 0.183
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.116%	70.779%	M 3730.000
%RSD		0.684	1.062	M 0.507
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 286.600	M 244.700	26.040
%RSD		M 0.556	M 0.094	19.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 21900.000	TM 516700.000	45.110
%RSD		TM 0.420	TM 0.125	0.684
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		130.900	M 1047.000	M 7961.000
%RSD		0.942	M 0.511	M 0.434
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.633%	62.950	0.853
%RSD		1.765	1.396	20.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.164	M 881.900	16.480
%RSD		15.070	M 0.416	1.109
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	18.570	-41.660
%RSD		0.000	2.020	47.980
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		17.670	75.326%	183.900
%RSD		0.338	1.328	0.446
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.084	M 1032.000	0.000
%RSD		1.357	M 0.494	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.921%	4.214	4.749
%RSD		1.613	1.422	0.375
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1674.000	171.636%	
%RSD		TM 0.355	1.235	

240-17766 -c-8-a, 11/23/2012 22:37:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.031%	10.600	59.820
%RSD		0.368	1.281	3.175
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1497.000	M 105300.000	TM 257800.000
%RSD		0.687	M 0.127	TM 0.282
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 21650.000	48100.000
%RSD		T 0.000	T 0.298	0.452
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.148%	76.097%	M 6039.000
%RSD		0.512	0.563	M 0.483
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 571.700	M 479.000	50.750
%RSD		M 0.330	M 0.465	4.879
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2747.000	TM 363800.000	116.600
%RSD		TM 0.159	TM 0.291	0.031
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 297.600	M 304.700	M 552.000
%RSD		M 0.643	M 0.043	M 0.899
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.767%	30.780	1.128
%RSD		0.260	0.387	4.476
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.192	M 215.900	3.523
%RSD		5.914	M 0.488	1.993
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.467	-146.800
%RSD		0.000	5.028	10.210
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.330	71.380%	16.800
%RSD		10.190	0.668	2.035
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.017	M 1292.000	0.000
%RSD		1.264	M 0.102	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.725%	1.729	2.096
%RSD		0.187	0.775	0.720
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		113.200	73.723%	
%RSD		0.925	0.458	

240-17766 -c-9-a, 11/23/2012 22:42:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.886%	5.068	26.420
%RSD		0.283	3.035	3.413
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1332.000	45790.000	M 75440.000
%RSD		1.175	1.098	M 0.686
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6184.000	33750.000
%RSD		T 0.000	T 0.474	0.302
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.420%	68.653%	M 5987.000
%RSD		0.082	0.983	M 0.708
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 365.200	190.800	16.740
%RSD		M 0.714	0.554	10.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3801.000	TM 240400.000	76.090
%RSD		TM 0.210	TM 1.033	0.622
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		185.200	M 370.700	M 468.100
%RSD		1.194	M 1.039	M 1.069
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.077%	34.860	1.108
%RSD		0.235	0.578	5.793
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.016	133.300	4.403
%RSD		7.627	0.653	1.346
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.399	-108.300
%RSD		0.000	1.971	12.230
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.949	67.913%	14.790
%RSD		5.905	0.342	2.407
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		23.890	M 413.000	0.000
%RSD		2.165	M 0.560	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.762%	1.239	1.081
%RSD		0.087	3.257	0.472
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2265.000	76.183%	
%RSD		TM 0.882	0.782	

240-17766 -c-10 -a@5, 11/23/2012 22:47:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.346%	1.795	22.660
%RSD		0.465	5.498	3.448
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		426.000	5976.000	M 9079.000
%RSD		0.324	2.065	M 0.589
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	998.100	38000.000
%RSD		T 0.000	0.616	0.412
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.586%	66.771%	M 429.900
%RSD		0.247	0.353	M 1.635
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		24.980	122.400	13.200
%RSD		1.767	0.174	7.417
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3665.000	TM 128800.000	17.190
%RSD		TM 0.418	TM 0.482	2.220
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		63.000	175.600	M 1048.000
%RSD		0.773	1.721	M 0.824
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.946%	18.420	0.219
%RSD		1.277	0.502	16.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.198	91.430	22.370
%RSD		16.650	0.827	1.696
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.417	-69.130
%RSD		0.000	2.771	34.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		3.390	69.312%	12.340
%RSD		7.330	0.799	1.151
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.204	163.400	0.000
%RSD		2.277	0.918	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.214%	2.268	0.641
%RSD		0.045	1.157	0.555
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 386.100	78.817%	
%RSD		TM 0.225	0.266	

240-17766 -c-11 -a, 11/23/2012 22:52:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.021%	11.600	87.150
%RSD		0.552	0.655	2.532
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2918.000	92310.000	TM 166200.000
%RSD		0.351	0.267	TM 0.389
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 26510.000	M 145200.000
%RSD		T 0.000	T 0.386	M 0.209
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.157%	69.966%	M 6332.000
%RSD		0.412	0.991	M 0.493
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 446.500	M 339.700	33.650
%RSD		M 0.844	M 0.710	4.737
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7117.000	TM 302500.000	109.800
%RSD		TM 0.150	TM 0.344	0.717
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 320.100	M 331.500	M 570.300
%RSD		M 0.993	M 0.620	M 0.117
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.132%	35.980	1.111
%RSD		0.463	0.732	12.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.899	M 341.000	3.793
%RSD		5.146	M 0.846	4.922
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.568	-191.200
%RSD		0.000	3.080	6.641
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.078	68.459%	22.340
%RSD		6.033	0.441	1.003
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.119	M 1542.000	0.000
%RSD		2.929	M 0.259	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.157%	1.503	2.017
%RSD		0.646	2.301	1.428
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 254.600	71.114%	
%RSD		M 0.331	0.605	

240-17766 -c-12 -a, 11/23/2012 22:57:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.061%	42.120	M 553.200
%RSD		0.668	1.263	M 1.671
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8117.000	M 229700.000	TM 232300.000
%RSD		0.345	M 0.838	TM 0.134
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 25180.000	TM 1501000.000
%RSD		0.000	T 0.773	TM 0.202
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.726%	59.796%	M 8245.000
%RSD		0.684	0.778	M 0.846
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		147.500	162.400	15.240
%RSD		0.267	0.317	36.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 47550.000	TM 138600.000	20.940
%RSD		TM 0.395	TM 0.512	1.058
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		45.910	75.970	158.900
%RSD		1.709	1.686	0.878
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.770%	25.670	1.292
%RSD		1.308	0.958	13.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		42.360	TM 2549.000	1.943
%RSD		1.144	TM 0.385	5.154
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.326	-309.600
%RSD		0.000	11.130	14.280
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.269	57.631%	13.710
%RSD		6.903	1.412	1.655
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.818	M 3510.000	0.000
%RSD		4.112	M 0.214	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.642%	1.033	0.711
%RSD		1.320	3.399	1.610
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		133.800	51.199%	
%RSD		0.667	0.917	

240-17766 -c-13 -a@5, 11/23/2012 23:02:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.879%	6.590	56.160
%RSD		0.057	0.882	4.430
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		755.200	13040.000	M 27270.000
%RSD		0.547	0.877	M 0.400
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2427.000	M 144200.000
%RSD		T 0.000	T 0.730	M 0.311
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.720%	70.711%	M 771.000
%RSD		0.542	0.470	M 0.950
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		32.200	61.400	5.366
%RSD		1.121	0.527	6.002
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9446.000	TM 207900.000	11.910
%RSD		TM 0.526	TM 0.257	1.690
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		22.700	87.010	M 596.800
%RSD		2.557	2.463	M 0.706
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		70.326%	21.060	0.320
%RSD		0.635	0.505	35.060
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.461	M 270.000	5.418
%RSD		2.209	M 0.341	1.993
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.877	-123.100
%RSD		0.000	1.147	27.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		3.569	73.056%	21.060
%RSD		5.750	0.354	1.833
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.760	M 464.400	0.000
%RSD		1.609	M 0.706	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.911%	20.900	1.675
%RSD		0.366	1.333	0.625
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 317.600	78.458%	
%RSD		TM 0.118	0.618	

240-17766 -c-14 -a, 11/23/2012 23:07:43 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.241%	5.819	51.400
%RSD		0.787	1.764	2.291
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1898.000	67340.000	TM 103100.000
%RSD		0.265	0.238	TM 0.497
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12100.000	87760.000
%RSD		T 0.000	T 0.932	0.363
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		68.633%	70.759%	M 4795.000
%RSD		0.205	0.489	M 0.974
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 366.400	M 232.800	24.000
%RSD		M 0.564	M 0.564	6.384
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11480.000	TM 236500.000	84.010
%RSD		TM 0.364	TM 0.244	0.806
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 221.600	M 233.900	M 441.700
%RSD		M 0.379	M 0.633	M 0.535
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.812%	28.600	1.192
%RSD		0.314	1.647	14.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.015	168.100	1.850
%RSD		9.694	0.725	5.007
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.295	-154.700
%RSD		0.000	5.444	7.059
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.073	70.273%	16.770
%RSD		2.846	0.675	0.942
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.513	M 780.000	0.000
%RSD		4.948	M 0.382	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.676%	1.594	1.185
%RSD		0.814	7.341	2.400
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		64.070	71.025%	
%RSD		0.854	0.037	

240-17770 -f-8-a, 11/23/2012 23:12:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.520%	10.970	19.670
%RSD		1.230	0.289	1.958
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		447.300	25130.000	TM 164000.000
%RSD		1.212	1.084	TM 0.441
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 10040.000	28990.000
%RSD		T 0.000	T 0.877	0.052
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.507%	72.773%	M 747.100
%RSD		0.341	0.715	M 1.354
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 361.400	198.800	18.930
%RSD		M 0.269	0.388	15.760
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1965.000	TM 255600.000	86.070
%RSD		TM 0.223	TM 0.735	0.266
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		160.000	170.600	M 428.200
%RSD		1.066	0.755	M 0.941
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.353%	150.500	1.133
%RSD		0.496	1.551	9.818
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.186	M 213.100	13.500
%RSD		1.347	M 0.426	2.084
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.496	-136.400
%RSD		0.000	1.578	8.958
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.523	71.407%	14.210
%RSD		12.480	1.189	1.789
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.528	M 1205.000	0.000
%RSD		1.333	M 0.931	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.614%	0.887	2.888
%RSD		0.011	2.710	0.963
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		187.700	76.403%	
%RSD		0.444	0.309	

PDS 240-17766 -d-15 -a, 11/23/2012 23:17:46 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.032%	M 983.400	118.800
%RSD		0.568	M 0.649	1.641
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10880.000	74610.000	TM 149100.000
%RSD		1.115	0.767	TM 0.584
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22520.000	76610.000
%RSD		T 0.000	T 0.328	0.325
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.318%	69.336%	M 3466.000
%RSD		0.144	0.235	M 1.133
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1340.000	M 1269.000	150.900
%RSD		M 0.640	M 0.737	3.626
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7113.000	TM 288500.000	M 1065.000
%RSD		TM 0.210	TM 0.723	M 0.666
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1138.000	M 1181.000	M 1245.000
%RSD		M 0.654	M 0.526	M 0.457
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.967%	M 897.500	-4.329
%RSD		0.398	M 0.350	11.860
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 818.300	M 1189.000	107.500
%RSD		M 0.491	M 0.528	0.933
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.810	355.200
%RSD		0.000	0.319	58.570
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 984.400	67.989%	117.200
%RSD		M 0.638	0.177	1.541
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.040	M 2170.000	0.000
%RSD		0.783	M 0.961	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.906%	97.660	TM 245.700
%RSD		0.755	1.426	TM 0.526
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1140.000	70.090%	
%RSD		TM 0.377	0.393	

CCV 13 11/23/2012 23:25:00 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.346%	106.912%	96.043%
%RSD		0.481	0.813	1.347
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬101.252%	101.445%	116.121%
%RSD		┬0.449	0.697	0.625
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬104.697%	94.650%
%RSD		┬0.000	┬0.170	0.140
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.639%	67.369%	109.377%
%RSD		0.336	0.499	2.305
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.740%	97.981%	9.306
%RSD		0.371	1.433	12.230
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬103.892%	┬104.965%	95.881%
%RSD		┬0.361	┬0.809	0.212
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.178%	97.892%	100.873%
%RSD		0.626	0.693	1.609
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.122%	97.901%	-0.768
%RSD		0.548	0.591	37.910
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		97.299%	97.683%	106.437%
%RSD		1.180	0.748	1.658
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.962%	-25.080
%RSD		0.000	0.367	168.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.635%	68.156%	105.147%
%RSD		0.647	0.475	0.084
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.053%	103.527%	0.000
%RSD		0.335	0.522	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		78.205%	106.636%	102.262%
%RSD		0.705	0.528	0.528
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.330%	71.147%	
%RSD		0.586	0.459	

CCB 13 11/23/2012 23:32:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.020%	0.145	2.054
%RSD		0.118	9.089	14.100
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		43.430	52.280	19.900
%RSD		0.965	9.886	9.521
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	50.780	87.400
%RSD		T 0.000	2.244	9.656
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.500%	65.590%	1.066
%RSD		0.433	0.161	15.060
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.180	0.077	-1.608
%RSD		38.170	60.440	12.640
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.685	104.800	0.154
%RSD		0.356	2.627	5.375
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.177	0.194	1.198
%RSD		39.360	11.750	9.828
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.686%	0.355	0.067
%RSD		0.092	58.670	152.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.384	0.208	0.564
%RSD		26.390	5.197	12.450
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.104	-0.571
%RSD		0.000	9.721	493.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.112	67.736%	0.420
%RSD		14.730	0.074	19.240
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.412	0.308	0.000
%RSD		5.340	0.846	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.270%	0.983	0.477
%RSD		0.280	10.220	3.675
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.338	75.769%	
%RSD		2.556	0.314	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.046%	0.066	1.575
%RSD		0.796	11.990	33.150
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17.450	23.450	30.260
%RSD		9.737	17.560	6.151
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	21.050	64.830
%RSD		T 0.000	2.379	2.492
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.821%	64.777%	1.148
%RSD		0.145	0.740	42.070
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.255	-0.021	-2.385
%RSD		41.670	291.100	15.840
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.425	71.960	0.179
%RSD		10.420	3.485	8.928
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.309	0.307	2.554
%RSD		26.860	9.781	5.963
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.310%	0.234	0.122
%RSD		0.539	24.800	43.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.188	0.209	-0.125
%RSD		73.090	16.830	34.430
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.038	0.728
%RSD		0.000	26.640	469.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.165	66.696%	0.196
%RSD		21.800	0.533	12.080
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.215	0.422	0.000
%RSD		6.850	9.945	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.544%	0.408	0.268
%RSD		0.188	3.518	2.485
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.291	74.575%	
%RSD		3.185	0.230	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.015%	0.015	1.322
%RSD		0.842	22.110	5.317
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		6.040	9.701	9.462
%RSD		15.280	32.770	7.213
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	15.000	33.890
%RSD		T 0.000	1.673	10.190
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.050%	63.752%	0.954
%RSD		0.138	0.429	27.960
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.064	-0.161	-2.620
%RSD		427.800	22.400	37.870
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.066	23.240	0.060
%RSD		8.456	11.800	17.760
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.071	0.145	1.401
%RSD		52.690	10.010	25.220
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.227%	0.102	0.118
%RSD		0.564	44.570	54.240
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.016	0.074	-0.295
%RSD		114.800	8.268	17.210
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.014	-0.608
%RSD		0.000	54.760	242.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.056	66.042%	0.100
%RSD		24.980	0.326	18.200
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.158	0.146	0.000
%RSD		15.520	3.277	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.232%	0.247	0.170
%RSD		0.288	3.076	8.112
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.128	73.837%	
%RSD		8.705	0.248	

BLANK 11/23/2012 23:47:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.405%	0.021	1.102
%RSD		0.511	36.990	3.311
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7.073	8.868	5.852
%RSD		4.217	17.450	25.570
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	15.290	32.780
%RSD		T 0.000	3.834	9.285
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.939%	63.398%	0.314
%RSD		0.198	0.126	19.930
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.272	-0.214	-3.099
%RSD		44.960	11.160	18.670
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.204	14.370	0.028
%RSD		3.631	7.871	23.420
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.038	0.080	1.059
%RSD		23.490	45.950	8.558
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.023%	0.033	0.061
%RSD		0.616	348.200	104.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.080	0.046	-0.372
%RSD		65.290	1.890	5.264
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	-0.304
%RSD		0.000	30.930	139.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.039	65.748%	0.087
%RSD		67.910	1.040	16.980
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.115	0.147	0.000
%RSD		12.720	9.001	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.476%	0.191	0.135
%RSD		0.506	6.835	3.417
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.097	73.711%	
%RSD		6.514	0.514	

BLANK 11/23/2012 23:52:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.081%	0.025	0.971
%RSD		0.320	33.040	28.290
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1.002	1.787	2.122
%RSD		117.800	0.402	54.330
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	19.780	28.630
%RSD		T 0.000	5.440	17.640
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.622%	62.915%	0.244
%RSD		0.564	0.402	26.070
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.043	-0.220	-2.485
%RSD		284.800	9.249	18.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.143	4.216	0.011
%RSD		13.440	37.640	29.940
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.045	0.034	1.144
%RSD		133.200	22.960	10.250
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.851%	0.059	0.040
%RSD		0.469	65.980	80.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.015	0.017	-0.413
%RSD		51.800	55.430	9.780
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.617
%RSD		0.000	41.410	94.950
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.004	65.409%	0.074
%RSD		151.900	0.365	39.460
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.090	0.047	0.000
%RSD		2.580	32.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.151%	0.137	0.106
%RSD		0.485	9.144	6.909
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.054	73.317%	
%RSD		5.414	0.453	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.117%	0.025	0.936
%RSD		0.680	59.040	31.830
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1.387	2.689	1.241
%RSD		26.280	57.060	44.570
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	13.660	34.630
%RSD		T 0.000	5.982	3.799
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.845%	62.576%	0.064
%RSD		0.429	0.806	171.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.151	-0.200	-2.252
%RSD		162.100	4.511	31.360
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.074	4.631	0.011
%RSD		24.330	62.150	45.140
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.011	0.059	0.893
%RSD		82.060	55.830	12.710
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.766%	0.046	0.041
%RSD		1.071	406.200	227.800
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.051	0.018	-0.406
%RSD		67.080	24.990	7.209
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.218
%RSD		0.000	21.420	574.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.000	65.535%	0.086
%RSD		10060.000	0.903	28.820
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.086	0.030	0.000
%RSD		13.050	153.500	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.197%	0.109	0.090
%RSD		0.520	6.312	6.358
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.048	73.289%	
%RSD		10.980	0.351	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.922%	0.014	0.746
%RSD		0.898	54.180	30.520
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		0.758	1.790	0.884
%RSD		84.200	99.730	67.400
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	17.440	38.590
%RSD		T 0.000	6.837	24.520
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.532%	62.715%	0.353
%RSD		0.404	0.411	98.960
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.020	-0.228	-2.353
%RSD		802.100	3.122	21.770
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.045	1.701	0.004
%RSD		13.080	45.400	56.180
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.005	0.046	1.109
%RSD		100.800	22.080	19.400
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.499%	0.058	0.065
%RSD		0.134	273.100	137.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.027	0.004	-0.433
%RSD		127.300	161.300	7.290
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.308
%RSD		0.000	840.700	139.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.011	64.862%	0.053
%RSD		75.750	0.086	36.480
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.089	0.025	0.000
%RSD		9.766	110.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.364%	0.101	0.084
%RSD		0.204	7.554	10.080
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.033	73.144%	
%RSD		2.553	0.147	

BLANK 11/24/2012 00:07:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.282%	0.019	0.755
%RSD		0.780	14.610	37.370
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		5.266	1.523	0.097
%RSD		8.302	91.880	241.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	14.290	32.350
%RSD		T 0.000	3.973	1.930
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		57.408%	61.805%	0.175
%RSD		0.261	0.831	62.470
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.295	-0.206	-2.068
%RSD		54.940	9.739	35.150
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.077	2.368	0.004
%RSD		28.530	8.824	55.850
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.037	0.056	1.300
%RSD		96.320	48.660	9.107
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		63.840%	-0.066	0.071
%RSD		0.447	90.860	69.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.009	0.011	-0.408
%RSD		1424.000	112.200	5.329
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.059
%RSD		0.000	922.000	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.007	64.233%	0.131
%RSD		76.610	0.531	8.190
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.072	0.079	0.000
%RSD		15.950	40.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.702%	0.089	0.071
%RSD		0.251	9.650	13.110
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.101	72.868%	
%RSD		4.553	0.411	

BLANK 11/24/2012 00:12:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.861%	0.019	0.912
%RSD		0.390	33.730	42.560
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1.041	0.000	0.371
%RSD		63.570	0.000	172.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	13.420	34.110
%RSD		T 0.000	10.070	13.490
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		57.109%	61.612%	0.324
%RSD		0.422	0.252	79.350
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.078	-0.227	-2.634
%RSD		264.500	1.979	13.190
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.056	0.750	0.002
%RSD		9.987	40.570	52.190
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.021	0.005	0.980
%RSD		87.220	135.200	25.550
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		63.404%	-0.040	0.008
%RSD		1.087	232.700	310.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.006	0.009	-0.439
%RSD		1296.000	132.200	6.857
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.059
%RSD		0.000	196.400	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.004	63.865%	0.073
%RSD		482.200	0.374	16.540
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.063	0.009	0.000
%RSD		5.226	160.900	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.873%	0.073	0.062
%RSD		0.238	3.519	2.603
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.022	72.599%	
%RSD		10.460	0.164	

BLANK 11/24/2012 00:17:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.414%	0.011	0.654
%RSD		0.649	81.140	57.290
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		0.923	0.907	0.185
%RSD		44.650	99.810	29.530
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	14.000	35.670
%RSD		T 0.000	9.187	10.360
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.876%	61.844%	0.359
%RSD		0.363	0.377	70.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.071	-0.230	-2.623
%RSD		220.300	12.980	1.242
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.036	0.669	0.002
%RSD		56.680	32.080	102.600
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.028	0.021	1.150
%RSD		52.070	136.300	12.520
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.685%	0.088	0.098
%RSD		0.966	22.240	31.420
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.031	0.007	-0.452
%RSD		337.700	55.200	3.189
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.289
%RSD		0.000	66.270	208.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.013	63.528%	0.060
%RSD		133.800	0.476	10.190
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.059	-0.000	0.000
%RSD		31.120	3272.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.320%	0.071	0.055
%RSD		0.261	12.570	5.154
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.018	71.924%	
%RSD		17.880	0.623	

CCV 14 11/24/2012 00:22:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.938%	107.207%	96.247%
%RSD		0.650	0.474	1.653
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 102.315%	103.218%	108.446%
%RSD		┬0.771	0.541	2.571
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 105.959%	95.516%
%RSD		┬0.000	┬0.855	0.960
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		57.287%	62.948%	102.666%
%RSD		0.179	1.794	3.914
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.705%	98.827%	9.684
%RSD		1.086	0.772	13.900
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 103.942%	┬ 105.761%	98.229%
%RSD		┬0.191	┬0.483	0.562
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.913%	100.663%	102.871%
%RSD		0.991	0.410	1.394
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.380%	99.304%	-0.657
%RSD		0.935	0.776	42.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.839%	98.616%	107.107%
%RSD		0.960	0.901	0.511
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	108.590%	23.760
%RSD		0.000	0.132	144.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		109.471%	63.055%	107.563%
%RSD		1.489	0.778	1.353
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.255%	103.869%	0.000
%RSD		1.492	0.884	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.951%	107.766%	103.006%
%RSD		0.922	0.740	0.180
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		110.297%	66.085%	
%RSD		0.237	0.770	

CCB 14 11/24/2012 00:29:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.396%	0.179	0.944
%RSD		0.214	14.460	1.530
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		48.150	53.510	25.290
%RSD		5.404	6.979	7.993
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	57.200	105.400
%RSD		T 0.000	0.894	1.685
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.766%	63.038%	0.788
%RSD		0.262	0.881	42.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.042	0.119	-1.883
%RSD		392.500	10.930	22.080
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		8.276	114.200	0.165
%RSD		0.274	1.193	16.690
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.199	0.209	1.240
%RSD		7.387	34.510	9.262
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		63.649%	0.130	0.122
%RSD		0.495	55.460	57.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.122	0.220	0.367
%RSD		62.900	15.950	24.200
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.096	0.495
%RSD		0.000	11.280	185.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.163	64.722%	0.414
%RSD		24.720	0.361	9.283
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.251	0.390	0.000
%RSD		9.538	6.107	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.468%	0.818	0.405
%RSD		0.476	8.422	6.887
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.333	72.105%	
%RSD		3.318	0.173	

MO 2000 PPB 11/24/2012 00:34:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.012%	0.014	1.043
%RSD		0.589	46.280	50.300
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		5.852	1.879	0.843
%RSD		25.310	49.920	40.550
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	18.460	29.790
%RSD		T 0.000	2.425	28.000
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.881%	59.798%	0.335
%RSD		0.625	0.379	39.400
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.078	-0.165	-2.326
%RSD		87.010	14.720	11.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.127	3.414	0.013
%RSD		14.920	5.541	17.040
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.029	0.045	1.705
%RSD		50.490	54.140	12.470
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.378%	-0.032	0.114
%RSD		0.389	370.000	48.730
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.045	0.011	M 2356.000
%RSD		170.100	67.190	M 2.575
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.009	143.700
%RSD		0.000	43.090	6.227
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.615	61.852%	0.095
%RSD		12.970	0.665	16.610
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.086	0.029	0.000
%RSD		16.200	143.800	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.406%	1.617	0.169
%RSD		0.397	0.593	1.235
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.052	70.502%	
%RSD		2.070	0.363	

AL FE 500 PPM 11/24/2012 00:39:14 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.557%	0.042	1.789
%RSD		0.481	37.470	6.051
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		TM 997900.000	TM 946800.000	TM 462200.000
%RSD		TM 0.564	TM 0.210	TM 0.369
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	TM 1074000.000	TM 1005000.000
%RSD		T 0.000	TM 0.434	TM 0.299
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		65.801%	66.697%	13.270
%RSD		2.095	2.344	8.358
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.294	4.467	-2.663
%RSD		153.100	1.674	48.770
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		45.210	TM 500900.000	7.125
%RSD		0.546	TM 0.649	2.210
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		8.319	4.414	7.063
%RSD		3.663	5.965	8.775
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		61.961%	1.659	0.341
%RSD		2.729	2.414	5.873
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.274	8.915	82.040
%RSD		24.970	1.594	21.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.194	0.784
%RSD		0.000	8.552	502.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.846	63.805%	0.466
%RSD		13.830	2.066	3.165
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		1.613	3.465	0.000
%RSD		3.052	0.816	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		59.905%	0.308	0.748
%RSD		2.212	8.226	2.861
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		2.212	47.123%	
%RSD		0.410	1.695	

SALTS 500 PPM 11/24/2012 00:44:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.560%	0.027	1.331
%RSD		0.713	30.100	9.086
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 486200.000	M 479100.000	TM 228700.000
%RSD		TM 0.574	M 0.503	TM 0.340
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 532600.000	TM 482000.000
%RSD		T 0.000	TM 0.540	TM 0.380
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.137%	72.606%	7.029
%RSD		0.262	0.252	29.130
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.097	2.105	-2.564
%RSD		203.100	4.341	24.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		22.000	TM 251800.000	3.646
%RSD		0.634	TM 0.726	1.526
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.441	2.232	3.662
%RSD		6.280	4.975	11.690
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		68.255%	1.213	0.135
%RSD		0.664	15.530	86.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.218	4.380	14.510
%RSD		27.860	5.308	8.336
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.114	4.411
%RSD		0.000	14.000	43.610
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.425	70.338%	0.282
%RSD		7.778	0.604	5.262
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.857	1.705	0.000
%RSD		4.009	11.300	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.251%	0.188	0.386
%RSD		0.711	4.945	1.291
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.074	57.379%	
%RSD		0.383	0.904	

BA TL PB 10 PPM 11/24/2012 00:49:13 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.138%	0.013	0.596
%RSD		0.717	60.840	14.850
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		995.000	925.800	408.700
%RSD		24.050	18.010	20.500
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	667.700	550.000
%RSD		T 0.000	23.070	18.570
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.334%	85.893%	0.034
%RSD		0.237	0.569	407.400
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.014	-0.202	-2.424
%RSD		554.900	10.120	12.120
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.194	519.000	0.019
%RSD		4.475	20.000	24.040
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.022	2.266	4.963
%RSD		53.000	6.988	4.606
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.193%	0.195	0.082
%RSD		0.165	44.400	72.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.003	0.087	6.626
%RSD		3117.000	12.220	8.016
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.019	0.337
%RSD		0.000	19.550	115.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	85.796%	0.135
%RSD		87.160	0.908	12.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.074	TM 10030.000	0.000
%RSD		11.130	TM 0.255	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.945%	0.104	TM 9217.000
%RSD		0.129	10.480	TM 0.492
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 9842.000	91.400%	
%RSD		TM 0.440	0.259	

SN 10000 PPB 11/24/2012 00:56:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.388%	0.022	0.376
%RSD		0.086	21.830	35.600
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		222.900	210.700	113.700
%RSD		8.853	24.910	16.330
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	237.700	227.200
%RSD		T 0.000	0.783	3.202
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.662%	78.295%	4.779
%RSD		0.567	1.511	4.205
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.527	0.152	-2.386
%RSD		40.800	5.059	30.550
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.645	134.000	0.506
%RSD		1.980	17.570	1.295
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.047	0.499	2.928
%RSD		8.967	6.153	7.203
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.683%	0.448	0.078
%RSD		0.295	17.060	78.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.036	0.048	2.372
%RSD		208.700	23.720	5.993
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.013	-7.258
%RSD		0.000	18.080	117.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	69.180%	TM 11430.000
%RSD		91.470	2.184	TM 1.707
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.525	7.513	0.000
%RSD		2.791	15.870	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.139%	0.128	6.307
%RSD		0.442	2.236	7.887
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		6.779	83.392%	
%RSD		13.090	0.611	

V CO 10000 PPB 11/24/2012 01:01:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.490%	0.015	0.543
%RSD		0.505	31.400	17.440
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		46.740	43.770	19.800
%RSD		33.890	45.100	42.990
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	137.000	126.100
%RSD		T 0.000	14.480	12.100
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.996%	72.778%	0.299
%RSD		0.437	0.662	72.650
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		TM 9588.000	1.102	-4.411
%RSD		TM 0.596	3.901	1.762
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.140	23.250	TM 9449.000
%RSD		6.363	37.560	TM 0.613
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		30.510	0.082	0.956
%RSD		1.260	34.090	7.830
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.934%	0.764	0.074
%RSD		0.494	17.080	82.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.028	0.023	0.865
%RSD		258.400	20.490	9.869
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	0.023
%RSD		0.000	67.550	628.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	72.568%	20.700
%RSD		218.400	0.216	22.390
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.117	2.112	0.000
%RSD		1.019	21.490	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.396%	0.061	1.179
%RSD		0.967	1.525	30.820
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.127	78.119%	
%RSD		34.550	0.351	

CCV 11/24/2012 01:06:33 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.120%	107.343%	97.584%
%RSD		0.167	0.426	0.680
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 103.203%	104.019%	111.426%
%RSD		┬ 0.789	0.883	0.834
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬ 0.000	┬ 106.802%	95.663%
%RSD		┬ 0.000	┬ 0.458	0.146
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.134%	72.639%	101.200%
%RSD		0.758	0.560	1.752
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.615%	98.470%	7.240
%RSD		0.684	0.326	18.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 102.340%	┬ 105.935%	97.128%
%RSD		┬ 0.404	┬ 0.501	0.224
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.575%	99.125%	102.614%
%RSD		0.676	1.395	1.024
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.283%	98.764%	-0.650
%RSD		0.411	0.362	25.450
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.896%	99.739%	107.687%
%RSD		1.655	0.941	1.791
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	107.103%	74.770
%RSD		0.000	0.654	15.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		109.355%	69.886%	112.705%
%RSD		0.449	0.374	0.662
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.017%	105.043%	0.000
%RSD		1.087	0.367	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		78.512%	106.795%	102.737%
%RSD		0.289	0.622	0.055
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		110.103%	69.587%	
%RSD		0.666	0.106	

CCB 11/24/2012 01:13:46 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.553%	0.198	0.752
%RSD		0.383	20.090	19.980
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		56.460	69.390	25.240
%RSD		7.459	15.850	7.464
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	63.330	114.900
%RSD		T 0.000	0.491	4.340
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		72.503%	71.073%	1.175
%RSD		0.652	0.732	25.420
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.424	0.103	-2.137
%RSD		45.970	35.240	11.860
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		8.224	119.500	0.382
%RSD		0.794	0.663	37.010
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.199	0.297	1.138
%RSD		24.880	15.640	5.487
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		71.152%	0.373	-0.021
%RSD		0.832	14.340	301.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.115	0.246	0.927
%RSD		38.090	6.226	22.670
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.112	0.837
%RSD		0.000	9.121	267.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.170	70.230%	3.227
%RSD		14.340	0.890	4.476
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.240	0.404	0.000
%RSD		4.608	5.147	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		77.071%	0.752	0.454
%RSD		0.360	11.020	4.758
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.380	74.536%	
%RSD		8.757	0.368	

MTMSCCBDILH20- 67

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-29-12 Analyst: NJ Instrument: I8

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution </= 0.9 AMU full width at 10% peak height, and within +/- 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be>8000cps) (In >300,000 cps) (Pb >100,000 cps) (Co>100000) (Mg>10000) (CeO/Ce<0.03) (Ba++/Ba<0.03) (Background < 30cps @ Mass 220) CCT Performance Check (In > 75000) (Se< 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (*ICV:* = 90 – 110%) (*CCV:* 90 – 110%, 200.8 = 85 -115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
3. CRI run and recovered within QC limits (+/-50%) or project limits?	✓			✓
4. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?	✓			✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie Toth Date: 11-30-12 Time: 09:58-06:36
Level I Analyst: Date: Time:

Level II Reviewer: Karen K Lewis Date: 11-30-12 Time: 09:58-06:36
Level II Reviewer: Date: Time:

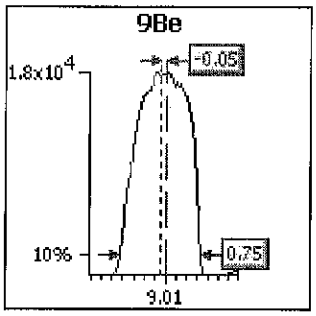
Comments: Fe using Ge only as Int Std

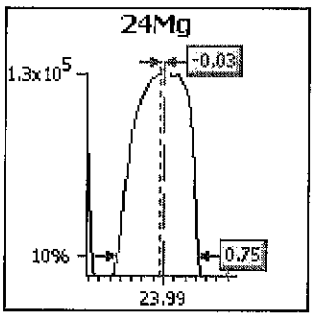
Performance Report

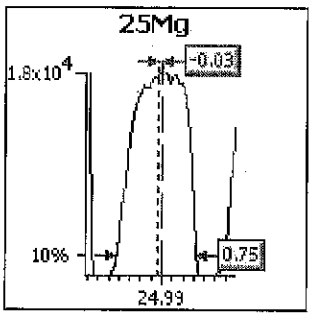
Sample details
Acquired at : 11/29/2012 09:36:51
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

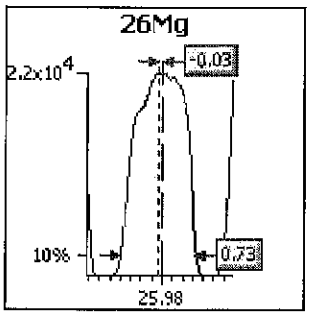
Mass Calibration verification

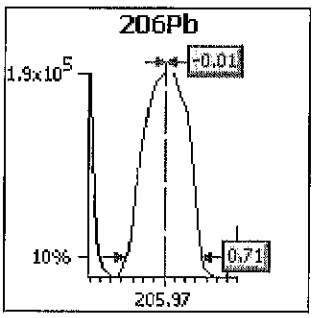
Acquisition parameters
Sweeps : 10
Dwell : 5.0 mSecs
Point spacing : 0.02 amu
Peak width measured at 10% of the peak maximum

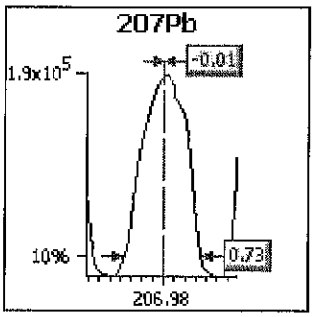


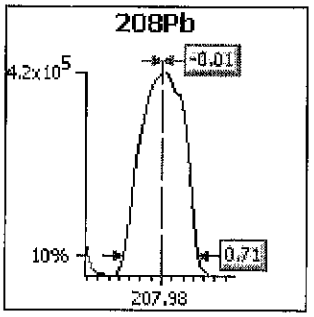












Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.75	-0.05
24Mg	0.85	0.65	0.10	0.75	-0.03
25Mg	0.85	0.65	0.10	0.75	-0.03
26Mg	0.85	0.65	0.10	0.73	-0.03
206Pb	0.85	0.65	0.10	0.71	-0.01
207Pb	0.85	0.65	0.10	0.73	-0.01
208Pb	0.85	0.65	0.10	0.71	-0.01

Sample details
Acquired at : 11/29/2012 09:36:51
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Tune conditions

Major	
Extraction	-82.4
Lens 1	-1153
Lens 2	-80.0
Focus	9.0
D1	-43.1
D2	-140
Pole Bias	0.0
Hexapole Bias	-4.0
Nebuliser	0.80

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	54
Vertical	550
DA	-46.3
Cool	13.0
Auxillary	0.90
Sampling Depth	130

Global	
Standard resolution	135
High resolution	135
Analogue Detector	2000
PC Detector	3130

Add. Gases	
He_H2	0.00
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	137Ba++	101Bkg	115In
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0	10.0
Limits	%RSD	-	5.0%	-	5.0%	-	5.0%	-	-	5.0%
	Countrate	-	>8000	>10000	>10000	>10000	>100000	-	-	>300000
1	09:37:25	0.667	18513.610	142705.00	18300.041	22154.715	150254.25	333.337	0.333	461420.04
2	09:37:42	1.667	18213.280	141635.94	18904.048	21917.735	149564.76	377.782	0.667	459117.76
3	09:38:00	0.000	18280.019	144120.44	18523.621	22044.569	148411.18	326.670	0.000	458538.81
4	09:38:18	0.667	17909.617	140775.36	18213.280	21787.565	148602.88	308.892	0.333	457480.31
5	09:38:36	0.667	17906.281	141945.22	18570.340	21984.490	149601.75	356.670	0.333	453918.21
x		0.733	18164.561	142236.39	18502.266	21977.815	149286.96	340.670	0.333	458095.03
σ		0.60	259.44	1259.88	269.69	137.48	765.98	26.89	0.24	2744.19
%RSD		81.312	1.428	0.886	1.458	0.626	0.513	7.894	70.711	0.599

Run	Time	137Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	-	-	-	-	5.0%	-
	Countrate	-	-	-	>100000	>100000	>100000	<30
1	09:37:25	55154.443	426057.01	9874.035	204868.10	182342.03	435489.49	0.333
2	09:37:42	55214.642	424843.28	9988.548	204594.78	179740.67	425838.19	0.000
3	09:38:00	54709.647	425185.16	9920.730	206055.95	180923.36	425927.08	0.000
4	09:38:18	54569.188	423274.10	9597.207	202081.05	179572.20	430211.71	0.000
5	09:38:36	54552.467	426487.82	9520.496	202043.94	179039.85	426949.42	0.000
x		54840.077	425169.47	9780.203	203928.76	180323.62	428883.18	0.067
σ		321.03	1247.48	207.90	1790.07	1321.57	4097.51	0.15
%RSD		0.585	0.293	2.126	0.878	0.733	0.955	223.607

Ratio results

Run	Time	137Ba++/137Ba	156Ce O/140Ce
Ratio limits		<0.0300	<0.0300
1	09:37:25	0.006	0.023
2	09:37:42	0.007	0.024
3	09:38:00	0.006	0.023
4	09:38:18	0.006	0.023
5	09:38:36	0.007	0.022
x		0.0062	0.0230
σ		0.00	0.00
%RSD		7.6109	2.1379

Result : The performance report passed.

Performance Report

Sample details
Acquired at : 11/29/2012 09:47:25
Report name : CCT MODE PERF REPORT [5/20/2011 11:37:05]

Tune conditions

Major	
Extraction	-82.4
Lens 1	-1153
Lens 2	-80.0
Focus	-1.8
D1	-50.2
D2	-140
Pole Bias	-14.0
Hexapole Bias	-17.0
Nebuliser	0.80

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	54
Vertical	550
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	130

Global	
Standard resolution	135
High resolution	135
Analogue Detector	2000
PC Detector	3130

Add. Gases	
He_H2	3.10
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	78Se	115In
	Dwell (mSecs)	100.0	10.0
Limits	%RSD	-	5.0%
	Countrate	<20	>75000
1	09:47:26	17.667	191979.35
2	09:47:31	21.000	193742.92
3	09:47:36	15.000	190391.29
4	09:47:41	21.000	192262.59
5	09:47:46	17.000	191787.16
x̄		18.333	192032.66
σ		2.62	1197.40
%RSD		14.316	0.624

Result : The performance report passed.

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020A_MULTIMODE.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	11/29/2012 09:56:26
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

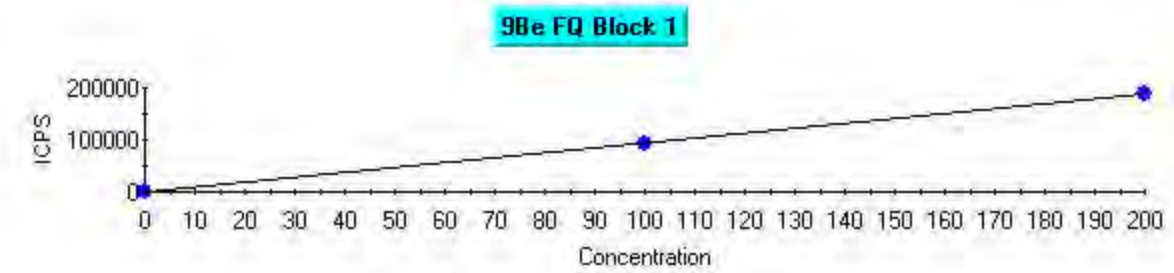
Column headings
- No flag
- Semi Quant
- Standard Addition
- Multi Element

Result cells
- Internal Standard
- Excluded
- QC Warning
- QC Failure

Transient TRA only:
- Peak Not Found
- Manually Edited
- Merged Peak

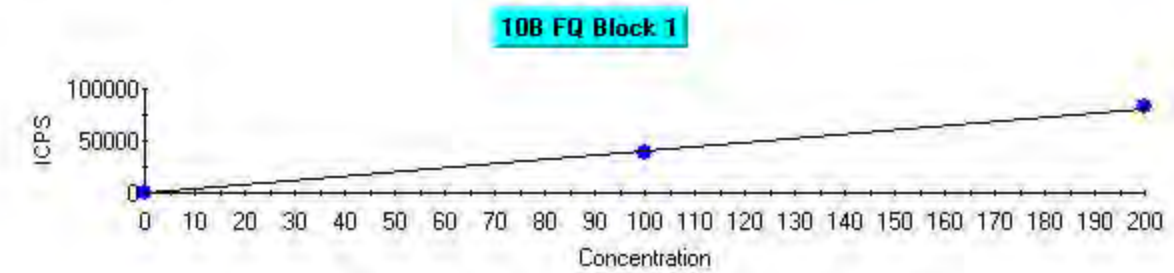
Data warning flags
I - Invalid calibration
T - Tripped
F - Interference correction failed
M - Result over max
V - Valley integration failed
D - Different method used

Fully Quant Calibration



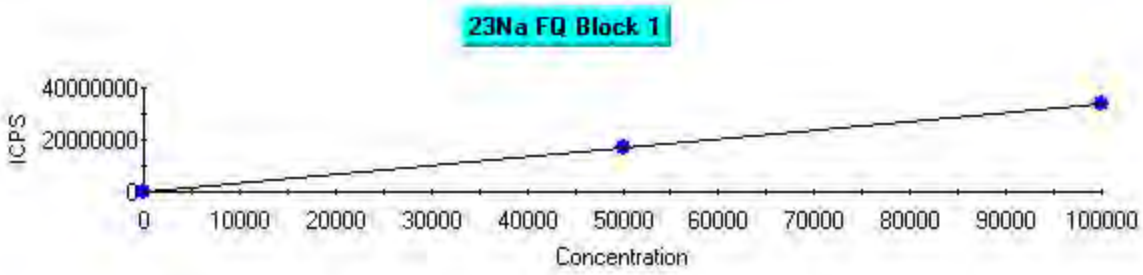
Intercept CPS=6.317075 Intercept Conc=0.006696
Sensitivity=943.424804 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	6.32	0.00
STD2-727016,	100.000	99.594	0.406	93965.92	0.41
STD3-664982,	200.000	200.203	0.203	188882.72	0.10



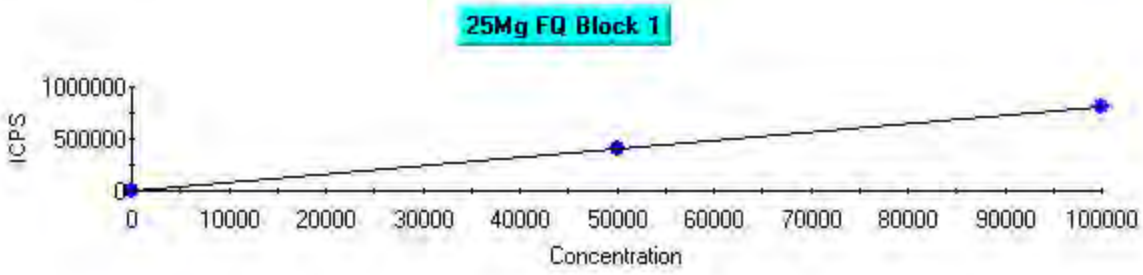
Intercept CPS=379.947832 Intercept Conc=0.938835
Sensitivity=404.701289 Correlation Coeff=0.999600

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	379.95	0.00
STD2-727016,	100.000	96.042	3.958	39248.26	3.96
STD4-664981,	200.000	201.979	1.979	82121.11	0.99



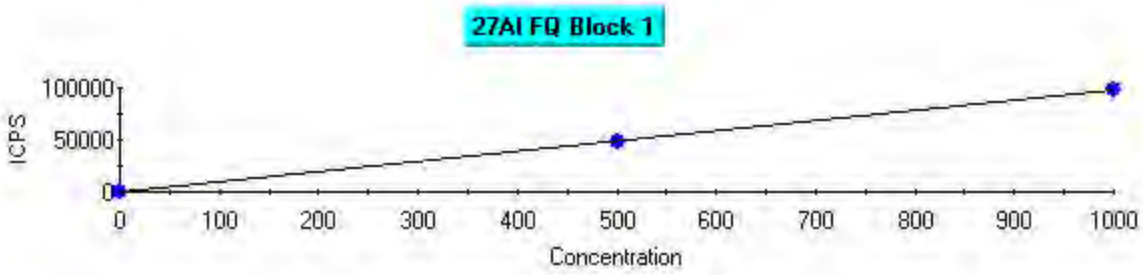
Intercept CPS=9908.072448 Intercept Conc=29.480725
Sensitivity=336.086454 Correlation Coeff=0.999973

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	9908.07	0.00
STD2-727016,	50000.000	49493.232	506.768	16643913.01	1.01
STD3-664982,	100000.000	100253.384	253.384	33703712.33	0.25



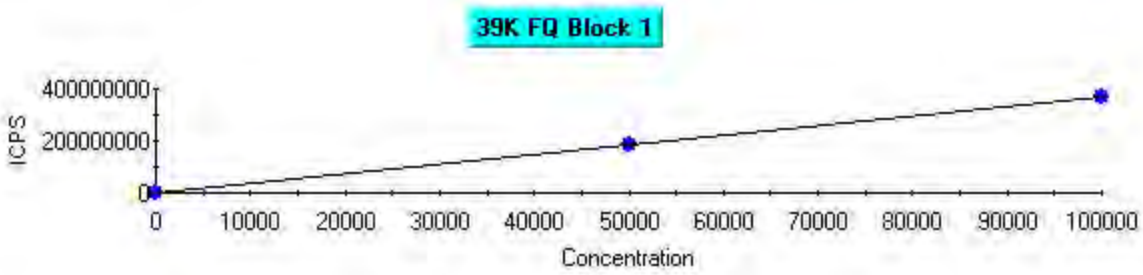
Intercept CPS=3.327223 Intercept Conc=0.414112
Sensitivity=8.034590 Correlation Coeff=0.999926

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	3.33	0.00
STD2-727016,	50000.000	50838.649	838.649	408471.04	1.68
STD3-664982,	100000.000	99580.675	419.325	800093.23	0.42



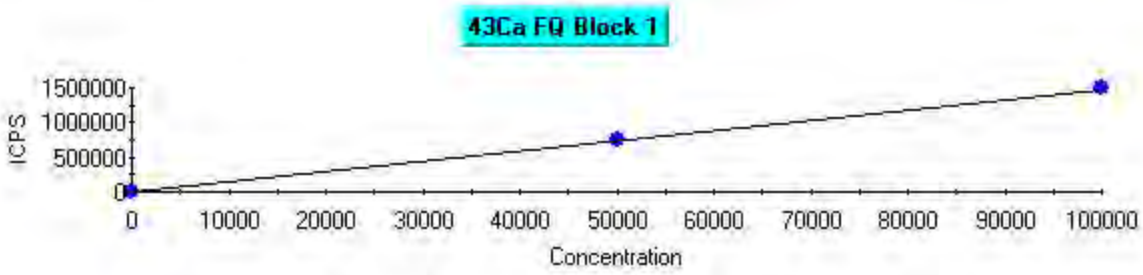
Intercept CPS=108.893328 Intercept Conc=1.120410
Sensitivity=97.190576 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	108.89	0.00
STD2-727016,	500.000	501.716	1.716	48870.92	0.34
STD3-664982,	1000.000	999.142	0.858	97216.10	0.09



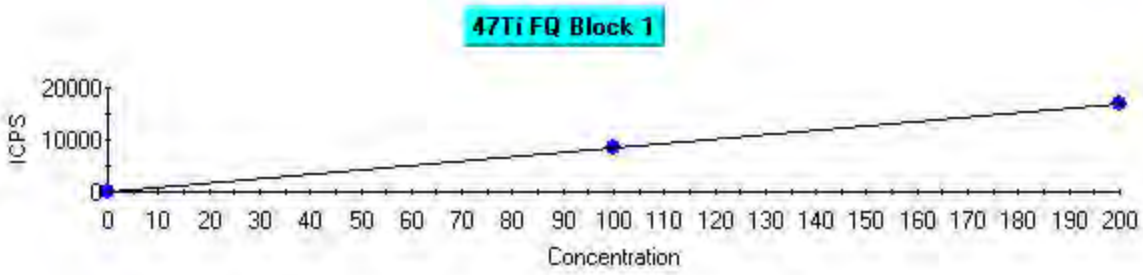
Intercept CPS=125944.807204 Intercept Conc=34.078799
Sensitivity=3695.693818 Correlation Coeff=0.999980

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	125944.81	0.00
STD2-727016,	50000.000	50441.814	441.814	186543443.80	0.88
STD3-664982,	100000.000	99779.093	220.907	368878922.56	0.22



Intercept CPS=700.908501 Intercept Conc=47.209326
Sensitivity=14.846823 Correlation Coeff=0.999988

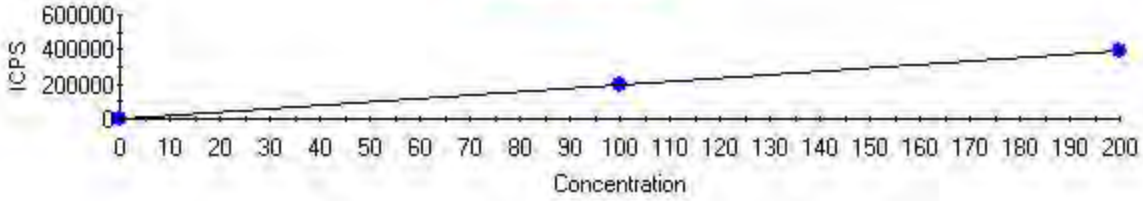
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	700.91	0.00
STD2-727016,	50000.000	49662.204	337.796	738026.85	0.68
STD3-664982,	100000.000	100168.898	168.898	1487890.79	0.17



Intercept CPS=17.777316 Intercept Conc=0.209630
Sensitivity=84.803167 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	17.78	0.00
STD2-727016,	100.000	100.614	0.614	8550.16	0.61
STD4-664981,	200.000	199.693	0.307	16952.38	0.15

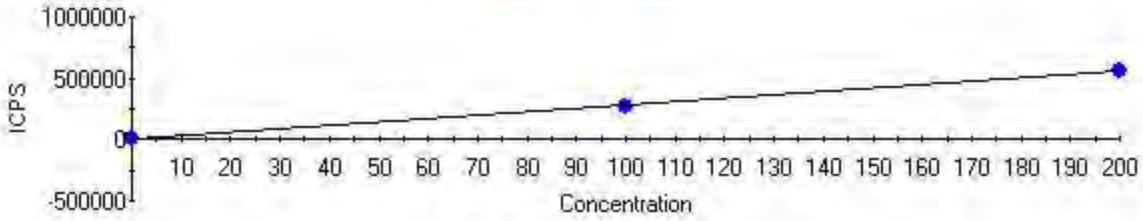
51V FQ Block 1



Intercept CPS=1327.152354 Intercept Conc=0.671847
Sensitivity=1975.380193 Correlation Coeff=0.999934

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1327.15	0.00
STD2-727016,	100.000	98.397	1.603	195699.22	1.60
STD3-664982,	200.000	200.801	0.801	397986.17	0.40

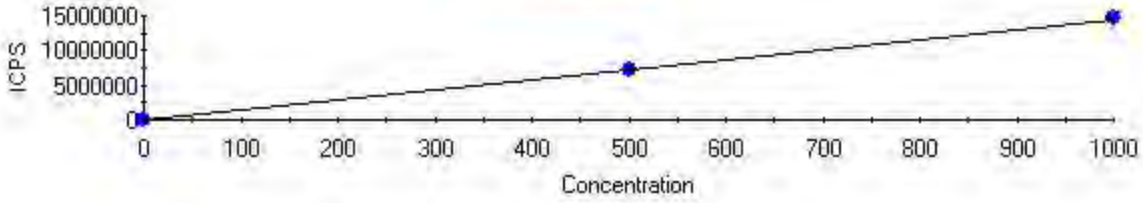
52Cr FQ Block 1



Intercept CPS=-131.322869 Intercept Conc=-0.047543
Sensitivity=2762.195440 Correlation Coeff=0.999989

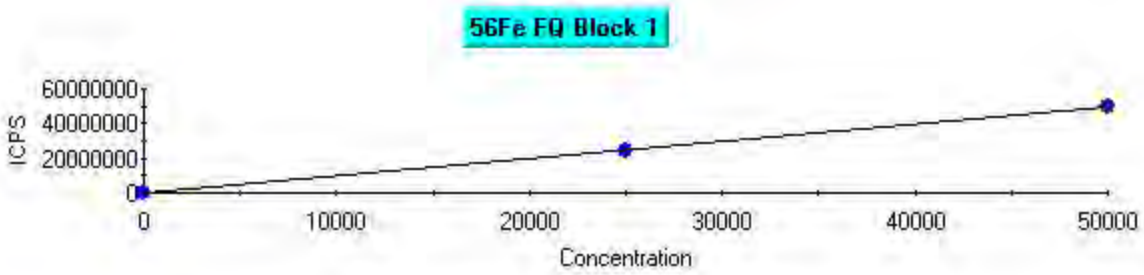
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-131.32	0.00
STD2-727016,	100.000	99.342	0.658	274271.71	0.66
STD3-664982,	200.000	200.329	0.329	553216.02	0.16

55Mn FQ Block 1



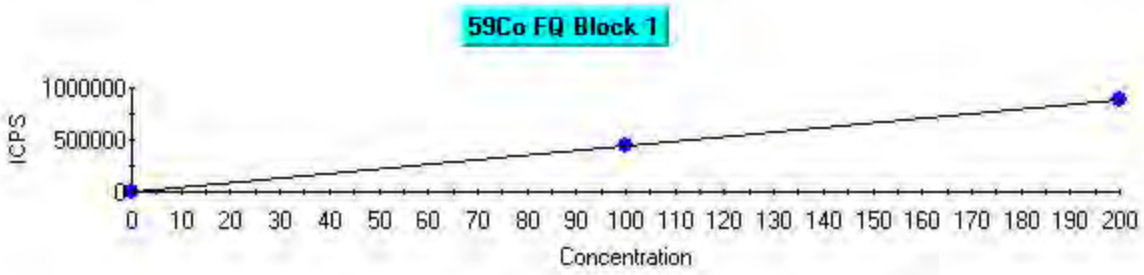
Intercept CPS=2897.066292 Intercept Conc=0.199126
Sensitivity=14548.917020 Correlation Coeff=0.999941

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	2897.07	0.00
STD2-727016,	500.000	492.448	7.552	7167483.36	1.51
STD3-664982,	1000.000	1003.776	3.776	14606750.19	0.38



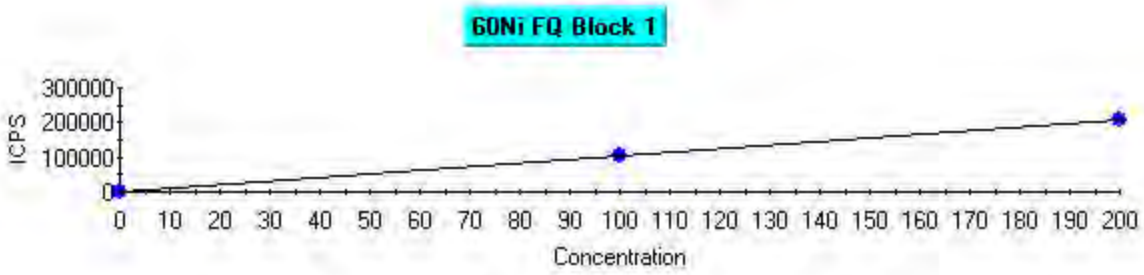
Intercept CPS=2955.426719 Intercept Conc=2.966902
Sensitivity=996.132384 Correlation Coeff=0.999958

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2955.43	0.00
STD2-727016,	25000.000	24681.704	318.296	24589199.95	1.27
STD3-664982,	50000.000	50159.148	159.148	49968107.15	0.32



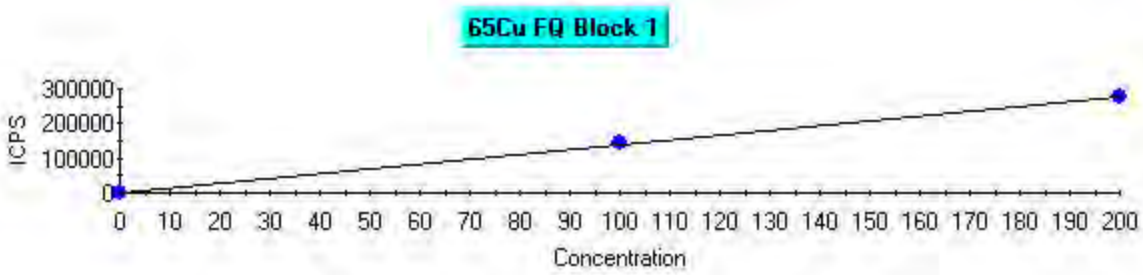
Intercept CPS=11.111836 Intercept Conc=0.002533
Sensitivity=4386.160615 Correlation Coeff=0.999995

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	11.11	0.00
STD2-727016,	100.000	99.582	0.418	436795.67	0.42
STD3-664982,	200.000	200.209	0.209	878158.99	0.10



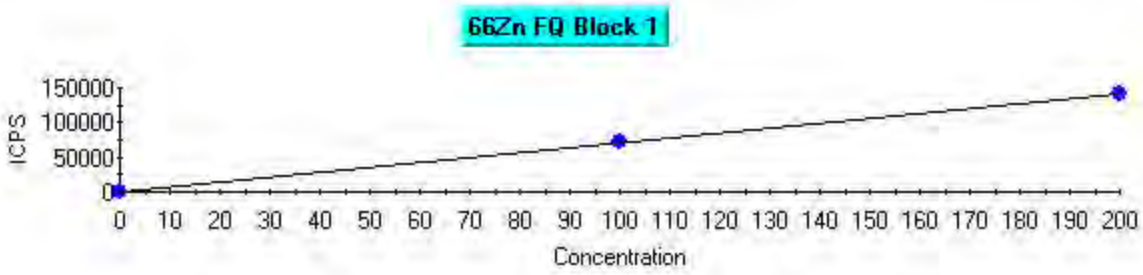
Intercept CPS=78.892936 Intercept Conc=0.075697
Sensitivity=1042.224813 Correlation Coeff=0.999971

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	78.89	0.00
STD2-727016,	100.000	101.053	1.053	105398.43	1.05
STD3-664982,	200.000	199.474	0.526	207975.33	0.26



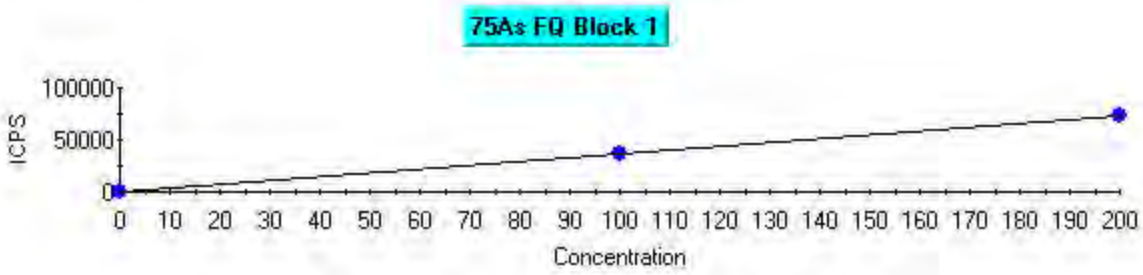
Intercept CPS=214.449344 Intercept Conc=0.154651
Sensitivity=1386.662365 Correlation Coeff=0.999857

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	214.45	0.00
STD2-727016,	100.000	102.331	2.331	142112.88	2.33
STD3-664982,	200.000	198.835	1.165	275930.83	0.58



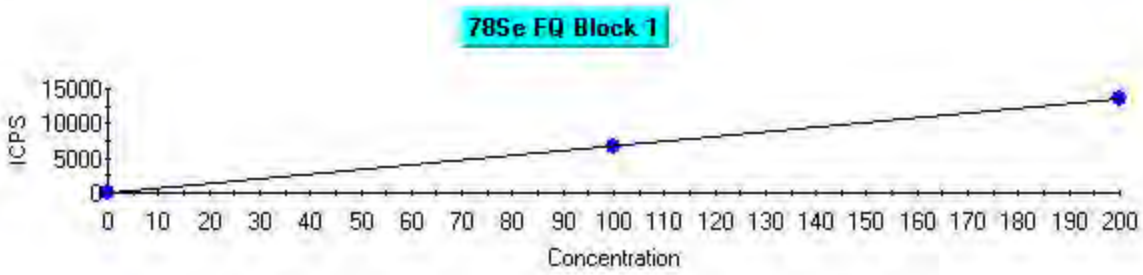
Intercept CPS=1190.054379 Intercept Conc=1.701542
Sensitivity=699.397695 Correlation Coeff=0.999787

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1190.05	0.00
STD2-727016,	100.000	102.837	2.837	73114.22	2.84
STD3-664982,	200.000	198.581	1.419	140077.40	0.71



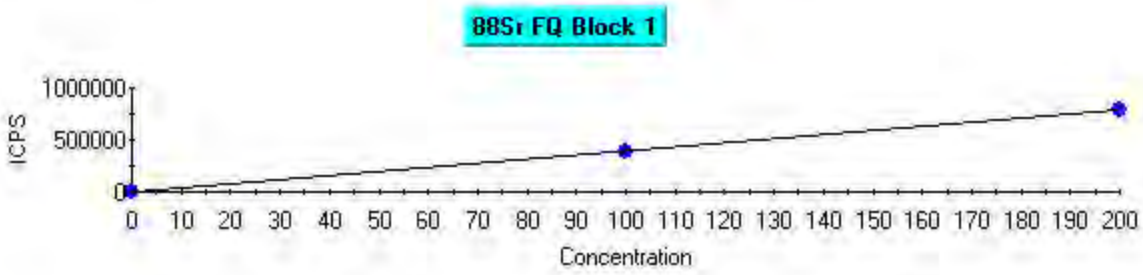
Intercept CPS=817.493093 Intercept Conc=2.284184
Sensitivity=357.892823 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	817.49	0.00
STD2-727016,	100.000	100.170	0.170	36667.72	0.17
STD3-664982,	200.000	199.915	0.085	72365.59	0.04



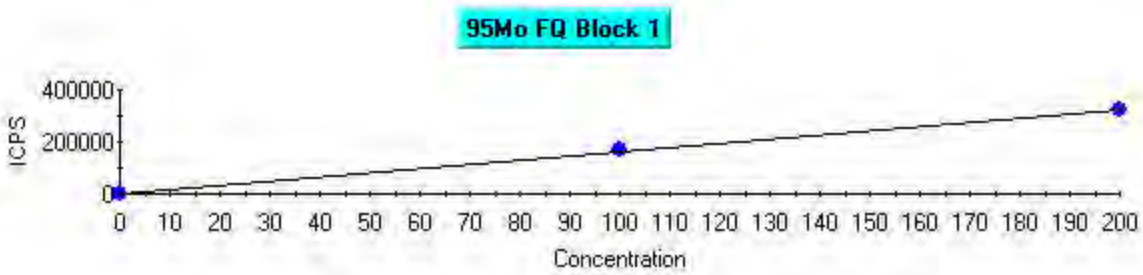
Intercept CPS=11.088953 Intercept Conc=0.164911
Sensitivity=67.241934 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	11.09	0.00
STD2-727016,	100.000	100.289	0.289	6754.73	0.29
STD3-664982,	200.000	199.855	0.145	13449.75	0.07



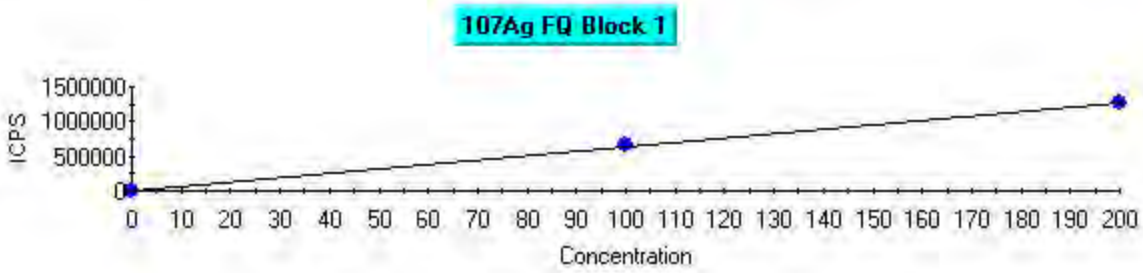
Intercept CPS=102.197194 Intercept Conc=0.025821
Sensitivity=3957.876425 Correlation Coeff=0.999893

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	102.20	0.00
STD2-727016,	100.000	97.966	2.034	387838.40	2.03
STD3-664982,	200.000	201.017	1.017	795703.20	0.51



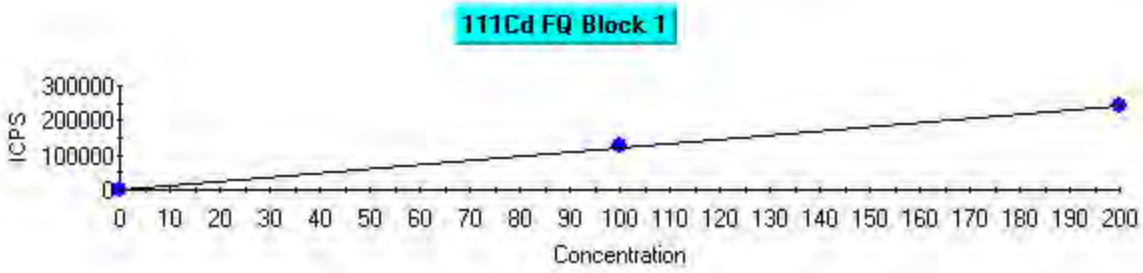
Intercept CPS=1537.447585 Intercept Conc=0.947814
Sensitivity=1622.098781 Correlation Coeff=0.999477

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1537.45	0.00
STD2-727016,	100.000	104.435	4.435	170941.97	4.44
STD4-664981,	200.000	197.782	2.218	322359.88	1.11



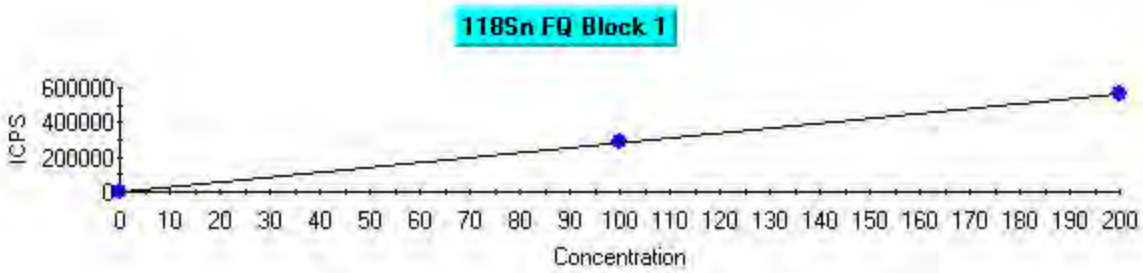
Intercept CPS=15.545963 Intercept Conc=0.002439
Sensitivity=6373.954337 Correlation Coeff=0.999879

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	15.55	0.00
STD2-727016,	100.000	102.147	2.147	651096.35	2.15
STD3-664982,	200.000	198.926	1.074	1267963.73	0.54



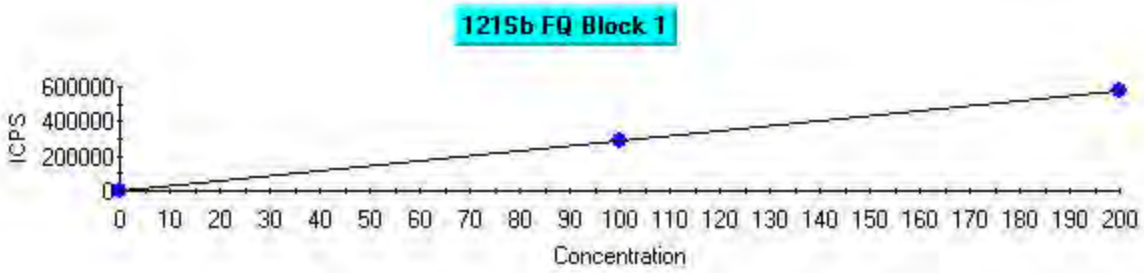
Intercept CPS=10.989036 Intercept Conc=0.008993
Sensitivity=1221.940840 Correlation Coeff=0.999922

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	10.99	0.00
STD2-727016,	100.000	101.720	1.720	124307.37	1.72
STD3-664982,	200.000	199.140	0.860	243348.01	0.43



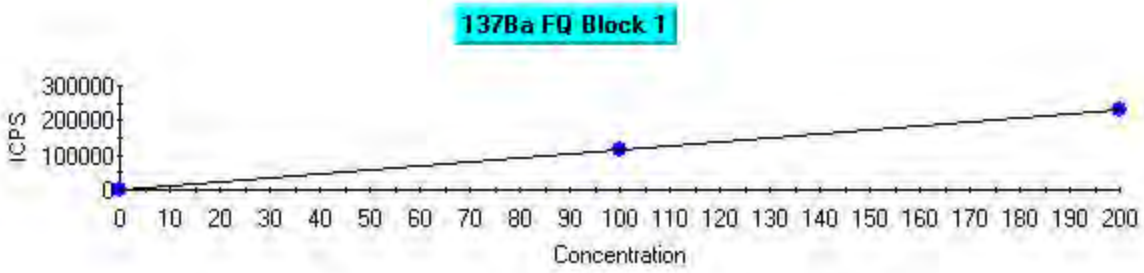
Intercept CPS=217.782011 Intercept Conc=0.076394
Sensitivity=2850.773565 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	217.78	0.00
STD2-727016,	100.000	100.717	0.717	287340.17	0.72
STD4-664981,	200.000	199.641	0.359	569349.98	0.18



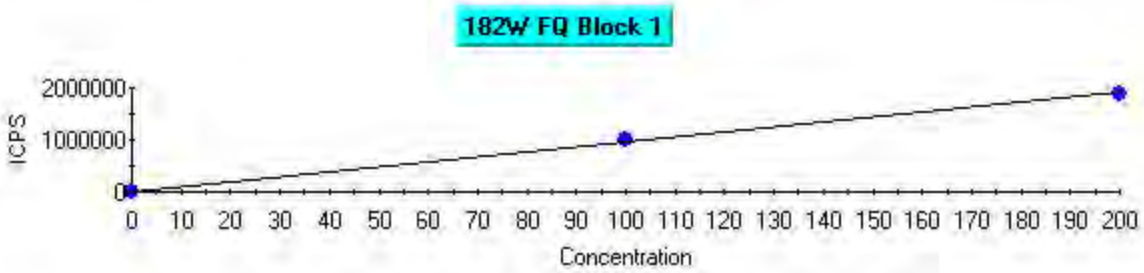
Intercept CPS=83.368513 Intercept Conc=0.028878
Sensitivity=2886.969642 Correlation Coeff=0.999940

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	83.37	0.00
STD2-727016,	100.000	101.518	1.518	293162.76	1.52
STD4-664981,	200.000	199.241	0.759	575286.08	0.38



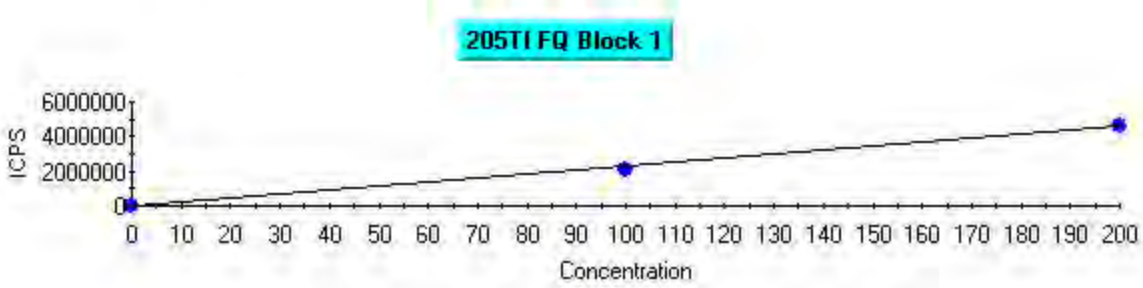
Intercept CPS=67.794095 Intercept Conc=0.058331
Sensitivity=1162.233751 Correlation Coeff=0.999947

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	67.79	0.00
STD2-727016,	100.000	98.570	1.430	114629.74	1.43
STD3-664982,	200.000	200.715	0.715	233345.26	0.36



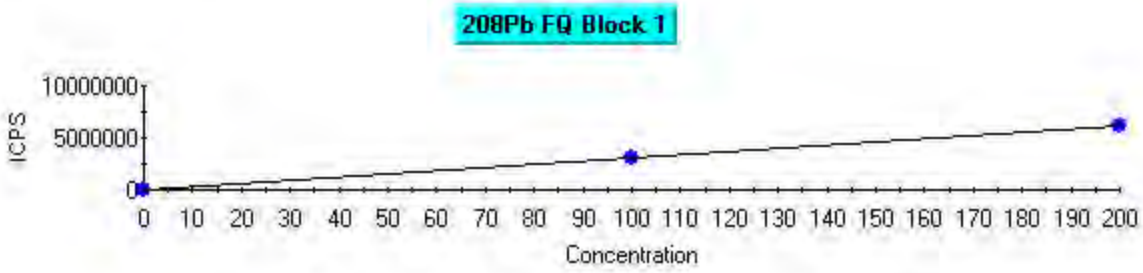
Intercept CPS=444.662881 Intercept Conc=0.046689
Sensitivity=9523.965185 Correlation Coeff=0.999457

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	444.66	0.00
STD2-727016,	100.000	104.517	4.517	995863.67	4.52
STD4-664981,	200.000	197.741	2.259	1883726.45	1.13



Intercept CPS=1064.374945 Intercept Conc=0.046584
Sensitivity=22848.464312 Correlation Coeff=0.998090

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1064.37	0.00
STD2-727016,	100.000	91.236	8.764	2085668.78	8.76
STD3-664982,	200.000	204.382	4.382	4670878.25	2.19



Intercept CPS=1585.085274 Intercept Conc=0.051604
Sensitivity=30716.619137 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1585.09	0.00
STD2-727016,	100.000	99.660	0.340	3062801.87	0.34
STD3-664982,	200.000	200.170	0.170	6150131.48	0.09

Dilution Corrected Concentrations

ICISM=6020 11/29/2012 09:58:10

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.000%	0.000	-0.000
%RSD		0.949	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	0.000	0.000
%RSD		T 0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 100.000%	100.000%	0.000
%RSD		T 0.358	0.284	0.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		100.000%	-0.000	-0.000
%RSD		0.365	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.000	100.000%	-0.000
%RSD		0.000	0.322	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		-0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.000%	0.000	0.000
%RSD		0.610	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		-0.000	100.000%	
%RSD		0.000	0.938	

STD2-727016, 11/29/2012 10:03:35

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.351%	99.590	96.040
%RSD		0.234	0.414	0.693
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 49490.000	50840.000	501.700
%RSD		T 0.253	0.999	1.249
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 50440.000	49660.000
%RSD		T 0.000	T 0.743	0.644
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.958%	86.734%	100.600
%RSD		T 0.235	0.651	2.392
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.400	99.340	-35.730
%RSD		0.422	0.219	4.162
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 492.400	T 24680.000	99.580
%RSD		T 0.107	T 0.752	0.561
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.100	102.300	102.800
%RSD		0.962	0.553	0.651
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.658%	100.200	-0.752
%RSD		0.729	0.723	8.425
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.300	97.970	104.400
%RSD		1.255	1.126	1.397
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.100	68.980
%RSD		0.000	0.702	49.970
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.700	90.030%	100.700
%RSD		0.950	1.041	0.822
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.500	98.570	0.000
%RSD		1.240	0.431	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.447%	104.500	91.240
%RSD		0.541	0.485	0.712
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.660	90.135%	
%RSD		0.445	0.319	

STD3-664982, 11/29/2012 10:10:25

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.320%	M 200.200	0.682
%RSD		0.833	M 1.098	13.400
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 100300.000	M 99580.000	M 999.100
%RSD		TM 0.216	M 0.705	M 0.713
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 99780.000	M 100200.000
%RSD		T 0.000	TM 1.316	M 0.693
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.025%	86.607%	0.215
%RSD		T 0.309	0.848	45.520
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 200.800	M 200.300	-24.330
%RSD		M 0.562	M 0.304	14.950
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1004.000	TM 50160.000	M 200.200
%RSD		TM 0.328	TM 0.918	M 0.150
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 199.500	M 198.800	198.600
%RSD		M 0.543	M 0.600	0.584
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.394%	M 199.900	-0.986
%RSD		1.576	M 0.959	14.060
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 199.900	M 201.000	0.657
%RSD		M 1.556	M 0.911	8.266
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 198.900	119.700
%RSD		0.000	M 1.481	42.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 199.100	89.593%	0.240
%RSD		M 1.031	0.264	14.160
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.260	M 200.700	0.000
%RSD		13.580	M 1.513	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.891%	0.706	TM 204.400
%RSD		1.016	7.841	TM 0.847
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 200.200	86.827%	
%RSD		M 0.567	1.177	

STD4-664981, 11/29/2012 10:17:34

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.354%	0.157	M 202.000
%RSD		0.589	9.304	M 0.981
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		69.450	83.230	7.273
%RSD		1.258	10.390	6.718
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	81.810	66.630
%RSD		T 0.000	0.501	9.572
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 95.013%	89.648%	M 199.700
%RSD		T 0.675	0.650	M 2.163
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.427	-0.053	-40.810
%RSD		27.290	61.890	3.034
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.995	41.800	0.156
%RSD		1.232	1.751	8.600
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.271	0.404	0.963
%RSD		17.020	13.260	4.617
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.175%	-0.321	0.177
%RSD		0.602	7.219	23.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.165	0.213	M 197.800
%RSD		12.790	6.003	M 1.273
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.168	24.540
%RSD		0.000	1.250	14.490
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.118	97.108%	M 199.600
%RSD		17.980	0.933	M 0.199
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		199.200	0.231	0.000
%RSD		0.237	7.136	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.972%	M 197.700	0.489
%RSD		0.441	M 1.064	5.457
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.166	102.648%	
%RSD		2.276	0.774	

ICV-665060, 11/29/2012 10:23:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.345%	101.683%	99.472%
%RSD		0.430	0.625	0.657
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬100.426%	102.359%	100.491%
%RSD		┬0.228	0.294	2.094
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬100.152%	101.202%
%RSD		┬0.000	┬1.423	0.965
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬92.003%	87.735%	102.338%
%RSD		┬0.283	0.475	2.180
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.646%	99.350%	-40.920
%RSD		0.561	0.980	2.712
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬100.710%	┬99.136%	99.738%
%RSD		┬0.705	┬0.455	0.181
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.901%	103.404%	102.812%
%RSD		0.527	0.722	0.526
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.915%	98.281%	-0.301
%RSD		0.841	1.230	44.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.378%	96.647%	103.934%
%RSD		2.415	0.903	0.469
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.173%	68.020
%RSD		0.000	0.430	20.330
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.104%	92.121%	100.236%
%RSD		1.183	0.433	0.384
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.537%	99.407%	0.000
%RSD		0.371	0.552	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.028%	106.216%	92.361%
%RSD		2.069	0.520	0.903
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.315%	93.387%	
%RSD		1.127	0.485	

ICB 11/29/2012 10:30:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.787%	0.009	0.399
%RSD		0.506	31.570	2.487
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-1.679	2.493	0.563
%RSD		35.630	27.720	19.350
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	12.050	13.500
%RSD		T 0.000	3.475	15.590
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 93.903%	90.321%	0.051
%RSD		T 0.501	0.335	83.850
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.790	-0.331	-44.140
%RSD		2.423	2.848	0.865
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.023	4.666	0.005
%RSD		42.270	24.910	48.590
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.011	0.001	0.345
%RSD		167.900	2977.000	7.326
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		92.676%	-0.482	-0.047
%RSD		0.892	24.850	113.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.041	0.024	0.237
%RSD		29.640	30.710	35.050
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.007	0.308
%RSD		0.000	59.030	173.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.001	96.083%	0.128
%RSD		887.400	0.832	10.570
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.092	0.017	0.000
%RSD		5.266	150.400	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		98.169%	0.711	0.273
%RSD		0.456	4.365	6.540
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.010	102.111%	
%RSD		18.720	0.755	

CRI-751770, 11/29/2012 10:35:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.891%	107.860%	99.080%
%RSD		0.407	6.443	1.909
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		91.788%	102.559%	101.798%
%RSD		0.815	1.645	0.880
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 99.453%	98.445%
%RSD		T 0.000	T 0.622	1.305
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 93.959%	91.151%	100.809%
%RSD		T 0.291	0.724	3.736
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		84.018%	87.021%	-40.220
%RSD		7.005	4.789	1.558
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		99.477%	99.306%	100.378%
%RSD		3.149	1.491	2.654
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.040%	113.194%	100.883%
%RSD		9.813	2.682	2.841
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.272%	78.637%	-0.169
%RSD		0.771	8.989	15.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		109.495%	90.482%	95.119%
%RSD		4.087	1.104	1.536
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	116.778%	2.709
%RSD		0.000	2.151	57.420
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.779%	96.414%	99.273%
%RSD		10.180	0.239	1.068
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.161%	105.048%	0.000
%RSD		4.352	4.332	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.344%	99.881%	99.046%
%RSD		0.393	1.199	0.519
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		94.444%	102.230%	
%RSD		2.569	0.750	

CRI-602109, 11/29/2012 10:41:11 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.922%	135.885%	95.859%
%RSD		0.630	2.263	1.501
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		91.891%	102.548%	103.727%
%RSD		0.925	1.632	2.818
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 99.484%	100.270%
%RSD		T 0.000	T 1.158	1.430
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.735%	90.796%	99.395%
%RSD		T 0.522	0.566	7.501
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		90.971%	105.919%	-37.160
%RSD		2.306	4.505	2.486
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		101.889%	99.361%	132.643%
%RSD		0.846	1.334	2.387
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		118.992%	129.741%	104.152%
%RSD		4.722	2.117	2.227
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.648%	91.158%	-0.457
%RSD		0.169	3.530	3.061
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.305%	9.353	92.380%
%RSD		2.442	1.702	2.106
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	136.536%	1.531
%RSD		0.000	1.759	231.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		134.387%	95.839%	96.659%
%RSD		4.968	0.208	1.435
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.850%	103.613%	0.000
%RSD		0.681	0.522	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.845%	97.897%	91.029%
%RSD		1.077	1.016	0.925
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		126.129%	101.927%	
%RSD		0.468	0.452	

ICSA-726956, 11/29/2012 10:46:43 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.193%	0.002	0.049
%RSD		0.914	136.900	143.100
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 49980.000	50800.000	TM 52950.000
%RSD		T 0.840	0.735	TM 0.511
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 56250.000	56080.000
%RSD		T 0.000	T 0.939	0.269
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.662%	84.629%	M 1030.000
%RSD		0.582	0.542	M 1.257
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.465	0.339	-36.230
%RSD		32.450	8.255	1.531
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.163	T 49290.000	0.061
%RSD		9.187	T 1.074	14.630
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.374	0.289	0.918
%RSD		2.985	14.730	17.490
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.591%	0.086	-0.187
%RSD		1.075	16.480	3.712
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.103	0.166	M 997.200
%RSD		29.650	3.305	M 1.172
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.037	138.600
%RSD		0.000	12.400	12.720
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.115	88.947%	0.088
%RSD		23.950	0.767	6.286
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.197	0.070	0.000
%RSD		3.545	17.810	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.654%	0.328	0.099
%RSD		1.231	8.499	7.632
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.138	87.723%	
%RSD		3.101	0.505	

ICSAB-723527, 11/29/2012 10:52:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.984%	100.195%	95.922%
%RSD		1.087	1.586	0.758
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 99.780%	101.727%	TM 105.740%
%RSD		T 1.211	0.850	TM 1.056
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 108.310%	108.562%
%RSD		T 0.000	T 5.833	5.979
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 79.436%	86.432%	M 102.286%
%RSD		T 6.357	1.327	M 0.793
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.690%	100.194%	-24.020
%RSD		0.247	0.236	2.590
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		98.914%	TM 99.518%	99.201%
%RSD		6.316	TM 1.084	0.373
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.365%	100.301%	101.228%
%RSD		1.174	1.584	0.533
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.855%	98.843%	-0.113
%RSD		0.710	0.590	111.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.942%	95.780%	M 100.402%
%RSD		1.114	0.869	M 1.770
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.325%	172.100
%RSD		0.000	0.157	11.480
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.084%	90.519%	100.713%
%RSD		0.779	0.104	0.866
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.603%	100.460%	0.000
%RSD		1.094	1.054	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.212%	102.239%	91.666%
%RSD		0.904	0.655	0.541
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.829%	89.124%	
%RSD		0.208	0.668	

CCV 11/29/2012 10:59:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.751%	100.380%	97.788%
%RSD		0.956	0.177	0.671
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.872%	100.469%	99.852%
%RSD		T 0.229	0.414	1.462
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 99.044%	99.573%
%RSD		T 0.000	T 0.708	0.745
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 91.118%	88.825%	101.338%
%RSD		T 0.588	0.444	3.110
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.688%	98.763%	-36.680
%RSD		0.110	0.365	5.488
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 98.293%	T 98.885%	99.040%
%RSD		T 0.464	T 0.603	0.695
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.697%	101.403%	101.067%
%RSD		0.757	0.667	0.238
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.606%	98.280%	-0.469
%RSD		0.205	0.223	27.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		98.575%	97.165%	117.209%
%RSD		2.207	0.434	0.968
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	101.241%	26.430
%RSD		0.000	0.914	70.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		100.355%	92.153%	99.868%
%RSD		0.413	0.918	0.381
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		100.330%	98.685%	0.000
%RSD		1.181	0.372	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.236%	105.160%	90.298%
%RSD		1.551	0.868	1.126
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		96.969%	92.449%	
%RSD		1.142	0.845	

CCB 11/29/2012 11:06:34 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.501%	0.009	0.160
%RSD		1.066	38.700	28.070
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-6.920	4.978	0.700
%RSD		16.920	43.130	41.290
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	11.340	12.760
%RSD		T 0.000	9.524	38.950
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 93.773%	89.807%	0.023
%RSD		T 0.568	0.223	433.500
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.718	-0.312	-42.810
%RSD		23.020	5.634	1.342
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.032	6.104	0.007
%RSD		17.040	17.580	61.120
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.005	0.007	0.439
%RSD		314.300	617.300	10.640
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		92.686%	-0.429	-0.069
%RSD		0.596	33.850	107.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.019	0.045	2.311
%RSD		295.800	12.970	10.330
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.009	-0.052
%RSD		0.000	14.040	433.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.008	96.240%	0.140
%RSD		104.700	0.900	27.940
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.143	0.019	0.000
%RSD		1.473	30.440	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		97.379%	0.805	0.300
%RSD		1.013	7.437	8.030
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.010	102.323%	
%RSD		10.430	1.170	

AG 2 PPM 11/29/2012 11:12:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.509%	0.001	-0.085
%RSD		0.408	399.300	55.370
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-11.730	0.506	0.552
%RSD		2.877	0.548	51.400
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-6.117	-13.020
%RSD		T 0.000	9.508	21.620
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.551%	90.190%	-0.035
%RSD		T 0.502	0.301	213.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.401	-0.267	-41.200
%RSD		58.180	7.607	1.249
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		-0.024	0.928	0.003
%RSD		17.900	25.160	63.580
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.017	0.010	0.831
%RSD		47.000	201.400	11.230
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.345%	-0.333	-0.091
%RSD		0.858	9.028	40.020
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.069	-0.001	0.626
%RSD		87.870	949.800	18.310
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 2328.000	12.860
%RSD		0.000	TM 0.920	51.790
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	95.758%	0.089
%RSD		198.900	0.538	39.030
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.077	0.020	0.000
%RSD		15.440	22.780	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.847%	0.309	0.151
%RSD		1.088	6.150	3.528
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.007	102.932%	
%RSD		22.770	0.187	

mb 240-66574/1-a, 11/29/2012 11:17:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.937%	0.003	-0.193
%RSD		0.666	186.500	12.110
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		29.440	55.890	1.372
%RSD		1.654	8.571	28.650
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	5.324	205.500
%RSD		T 0.000	4.150	3.045
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.681%	90.389%	-0.123
%RSD		T 0.619	0.212	0.131
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.608	-0.240	-39.850
%RSD		24.790	10.930	0.844
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.209	6.850	0.005
%RSD		7.634	5.210	44.960
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.255	0.786	8.572
%RSD		19.120	2.502	1.747
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.929%	-0.334	0.367
%RSD		0.381	23.100	19.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.014	0.406	-0.010
%RSD		307.100	2.373	399.400
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.234	0.483
%RSD		0.000	9.026	120.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	95.762%	0.102
%RSD		533.200	0.565	14.880
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.056	0.837	0.000
%RSD		19.180	5.814	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.834%	0.193	0.105
%RSD		0.523	11.610	0.903
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.320	102.844%	
%RSD		0.868	0.860	

Ics 240-66574/3-a, 11/29/2012 11:22:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.126%	M 896.200	85.470
%RSD		0.248	M 0.536	1.212
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		7986.000	9177.000	M 8559.000
%RSD		0.213	0.696	M 0.260
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 8935.000	8663.000
%RSD		T 0.000	T 0.591	0.213
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 87.948%	88.067%	88.930
%RSD		T 0.280	0.128	3.960
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 844.900	M 867.000	76.790
%RSD		M 0.649	M 0.498	6.545
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 880.600	T 8610.000	TM 924.100
%RSD		T 0.582	T 0.820	TM 0.215
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 864.700	M 901.400	M 912.400
%RSD		M 0.642	M 0.600	M 0.308
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.176%	M 859.300	-3.645
%RSD		0.500	M 0.046	9.363
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 863.400	M 801.700	85.810
%RSD		M 1.023	M 0.198	0.602
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	92.600	510.900
%RSD		0.000	0.641	28.790
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 884.100	94.859%	87.060
%RSD		M 0.058	0.759	0.644
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		87.420	M 854.500	0.000
%RSD		0.469	M 0.321	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		99.158%	86.050	TM 207.800
%RSD		1.094	0.887	TM 0.694
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		TM 891.100	99.649%	
%RSD		TM 0.907	0.300	

240-17881 -c-6-a, 11/29/2012 11:30:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.704%	0.096	43.730
%RSD		0.674	19.140	0.213
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 35180.000	26640.000	3.930
%RSD		T 0.232	0.934	10.300
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 1932.000	72120.000
%RSD		T 0.000	T 0.914	0.615
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 87.514%	86.231%	0.550
%RSD		T 0.677	0.189	12.850
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.374	-0.119	-44.550
%RSD		52.810	24.450	0.855
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 2965.000	1114.000	0.405
%RSD		TM 0.504	0.305	6.643
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.566	0.350	2.171
%RSD		6.833	25.180	3.815
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		86.765%	36.450	0.288
%RSD		0.422	0.361	22.230
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.410	M 266.000	3.808
%RSD		7.185	M 0.108	1.010
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.035	2.221
%RSD		0.000	28.520	95.850
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.075	91.006%	0.216
%RSD		20.840	0.629	16.480
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.312	M 217.900	0.000
%RSD		9.359	M 1.124	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.729%	0.963	0.423
%RSD		0.268	8.220	7.278
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.055	94.499%	
%RSD		31.190	0.267	

SD 240-17881-c-6-a@5, 11/29/2012 11:35:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.200%	0.022	8.807
%RSD		0.637	15.670	0.423
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		6632.000	5600.000	1.511
%RSD		1.220	0.676	37.410
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	365.800	14880.000
%RSD		T 0.000	0.854	0.997
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 89.462%	88.543%	0.175
%RSD		T 0.335	0.858	82.530
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.579	-0.201	-35.300
%RSD		4.836	4.203	0.555
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 612.900	234.400	0.094
%RSD		T 0.728	1.592	9.925
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.099	0.103	0.970
%RSD		15.270	40.590	19.400
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.820%	7.147	0.012
%RSD		0.845	1.816	427.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.157	53.150	0.412
%RSD		46.200	0.243	11.560
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.012	0.417
%RSD		0.000	15.100	319.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.023	92.979%	0.055
%RSD		65.520	1.105	19.260
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.127	45.190	0.000
%RSD		11.090	1.064	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		97.056%	0.325	0.183
%RSD		0.348	5.899	3.190
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.014	99.746%	
%RSD		14.240	0.991	

240-17881 -c-6-d ms, 11/29/2012 11:40:56 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.935%	M 915.400	130.900
%RSD		0.260	M 0.476	0.825
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 43090.000	35380.000	M 8747.000
%RSD		T 0.608	0.632	M 0.811
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12410.000	88210.000
%RSD		T 0.000	T 1.339	0.450
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.112%	84.956%	90.810
%RSD		0.300	0.848	3.024
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 883.800	M 897.300	89.540
%RSD		M 0.671	M 0.907	7.929
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4193.000	T 10180.000	TM 955.900
%RSD		TM 0.159	T 0.580	TM 0.546
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 885.400	M 907.700	M 917.300
%RSD		M 0.409	M 0.493	M 0.345
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.428%	M 926.800	-4.447
%RSD		1.079	M 0.564	3.460
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 888.500	TM 1177.000	95.280
%RSD		M 0.488	TM 0.341	1.001
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	93.830	398.200
%RSD		0.000	0.403	40.530
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 917.300	90.670%	91.570
%RSD		M 0.629	0.680	0.699
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.800	M 1111.000	0.000
%RSD		0.830	M 0.677	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.276%	93.240	TM 222.500
%RSD		0.760	0.109	TM 0.179
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 947.500	94.290%	
%RSD		TM 0.316	0.359	

240-17881 -c-6-e msd, 11/29/2012 11:48:07 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.258%	M 967.500	140.500
%RSD		0.319	M 0.669	0.606
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 46110.000	37700.000	M 9224.000
%RSD		T 0.269	0.168	M 0.433
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12340.000	88510.000
%RSD		T 0.000	T 4.206	5.893
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.197%	86.048%	100.800
%RSD		T 6.083	0.714	3.818
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 938.200	M 950.800	82.680
%RSD		M 0.430	M 0.207	6.500
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4229.000	T 10880.000	TM 1012.000
%RSD		TM 5.688	T 1.159	TM 0.859
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 927.200	M 959.400	M 956.500
%RSD		M 0.643	M 0.527	M 0.696
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.793%	M 979.200	-4.235
%RSD		0.718	M 0.642	6.294
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 930.200	TM 1249.000	102.700
%RSD		M 0.360	TM 0.244	1.333
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.670	483.600
%RSD		0.000	0.547	18.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 952.300	92.324%	97.570
%RSD		M 0.382	0.140	0.975
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		96.750	M 1180.000	0.000
%RSD		1.697	M 0.354	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.904%	101.000	TM 238.500
%RSD		0.893	1.073	TM 0.070
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1013.000	93.803%	
%RSD		TM 0.562	0.367	

PDS 240-17881 -c-6-a, 11/29/2012 11:55:18 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.187%	M 998.400	147.000
%RSD		0.559	M 0.510	0.409
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 44760.000	36950.000	M 9643.000
%RSD		T 0.187	0.851	M 0.399
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12170.000	82550.000
%RSD		T 0.000	T 1.337	0.688
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.562%	87.063%	104.600
%RSD		T 1.075	0.828	1.585
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 962.200	M 978.000	103.200
%RSD		M 0.196	M 0.387	5.928
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3978.000	T 11280.000	TM 1047.000
%RSD		TM 0.899	T 0.248	TM 0.459
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 953.900	M 988.600	M 988.600
%RSD		M 0.445	M 0.402	M 0.278
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.385%	M 1008.000	-4.745
%RSD		0.648	M 0.776	6.502
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 962.800	TM 1269.000	108.800
%RSD		M 0.679	TM 0.547	0.778
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.900	680.100
%RSD		0.000	0.486	11.890
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 989.000	92.606%	104.100
%RSD		M 0.073	0.650	0.657
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		103.700	M 1203.000	0.000
%RSD		0.775	M 0.477	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.431%	107.300	TM 245.000
%RSD		0.154	1.200	TM 0.543
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1033.000	95.221%	
%RSD		TM 0.070	0.341	

240-17881 -c-7-a, 11/29/2012 12:02:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.846%	0.256	74.520
%RSD		0.167	5.023	1.558
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25700.000	20530.000	6.340
%RSD		T 0.498	0.996	13.110
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 971.900	40210.000
%RSD		T 0.000	T 0.640	0.749
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.974%	88.459%	0.160
%RSD		T 0.593	0.702	41.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.502	-0.107	-39.320
%RSD		16.400	36.770	1.165
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 528.800	285.600	0.506
%RSD		T 0.183	1.005	7.027
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.071	0.618	2.439
%RSD		1.896	4.096	7.004
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.387%	2.861	0.351
%RSD		0.333	6.158	13.030
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.297	M 238.800	7.960
%RSD		1.798	M 0.784	1.279
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.019	1.051
%RSD		0.000	33.890	104.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.122	93.901%	0.267
%RSD		7.011	0.219	10.710
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.664	79.410	0.000
%RSD		12.610	0.992	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.010%	1.126	0.523
%RSD		0.647	9.945	7.559
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.153	98.864%	
%RSD		21.540	0.660	

CCV 1 11/29/2012 12:07:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.999%	99.991%	96.737%
%RSD		0.612	0.414	0.431
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬100.511%	102.512%	100.523%
%RSD		┬0.626	1.376	0.890
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬101.141%	98.344%
%RSD		┬0.000	┬1.023	0.136
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬89.532%	87.393%	100.954%
%RSD		┬0.549	0.525	2.738
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.916%	98.471%	-37.200
%RSD		0.864	0.500	3.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬98.907%	┬100.510%	99.157%
%RSD		┬0.233	┬1.243	0.383
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.456%	102.582%	102.439%
%RSD		0.573	0.486	1.453
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.920%	99.106%	-0.610
%RSD		0.348	0.990	28.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.478%	97.950%	104.719%
%RSD		1.899	0.828	1.062
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.629%	74.920
%RSD		0.000	0.234	45.320
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		100.916%	90.707%	100.765%
%RSD		0.550	1.109	1.212
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.058%	98.644%	0.000
%RSD		0.521	0.124	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.479%	105.369%	91.229%
%RSD		0.909	0.934	0.872
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.385%	92.003%	
%RSD		0.982	0.197	

CCB 1 11/29/2012 12:15:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.894%	0.030	0.035
%RSD		0.154	6.518	268.900
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-6.110	9.217	0.535
%RSD		6.537	41.880	28.390
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	8.615	13.710
%RSD		T 0.000	3.902	23.760
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 93.432%	87.678%	-0.060
%RSD		T 0.340	0.420	171.800
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.718	-0.358	-43.620
%RSD		2.892	8.390	1.409
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.090	7.464	0.016
%RSD		3.721	9.738	11.070
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.026	0.007	0.422
%RSD		57.020	125.900	12.440
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.785%	-0.440	-0.111
%RSD		0.707	31.610	81.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.084	0.047	-0.018
%RSD		38.120	16.770	366.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.021	0.177
%RSD		0.000	17.880	269.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.015	93.515%	0.151
%RSD		76.890	0.293	12.220
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.231	0.011	0.000
%RSD		8.606	75.580	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		98.438%	0.786	0.378
%RSD		0.930	7.672	5.276
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.018	103.333%	
%RSD		12.230	0.116	

CRI-602109 11/29/2012 12:20:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.940%	106.729%	93.656%
%RSD		0.939	2.705	1.541
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		89.030%	98.971%	97.692%
%RSD		0.510	3.308	1.642
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 97.469%	96.224%
%RSD		T 0.000	T 0.414	2.468
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.955%	88.603%	86.998%
%RSD		T 0.090	0.290	9.468
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		87.142%	85.050%	-41.800
%RSD		3.448	1.046	1.285
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		88.913%	91.786%	97.279%
%RSD		0.196	0.622	7.480
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.140%	111.054%	97.719%
%RSD		5.767	4.186	2.426
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.732%	82.582%	-0.368
%RSD		0.650	6.005	20.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		94.602%	8.917	93.229%
%RSD		3.109	0.851	2.265
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.566%	1.685
%RSD		0.000	2.007	110.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		97.626%	93.616%	97.947%
%RSD		6.050	1.080	0.696
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		105.896%	92.143%	0.000
%RSD		2.452	1.777	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.304%	97.918%	92.604%
%RSD		0.472	0.220	1.728
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		92.789%	103.267%	
%RSD		0.486	0.729	

mb 240-66250/1-a, 11/29/2012 12:26:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.739%	0.013	-0.227
%RSD		1.199	12.470	11.440
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		36.980	57.280	2.151
%RSD		3.961	15.430	19.340
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	11.940	191.700
%RSD		T 0.000	1.880	0.086
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.249%	87.056%	-0.060
%RSD		T 0.583	0.704	43.920
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.725	-0.293	-40.640
%RSD		6.781	5.577	0.763
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.264	10.120	0.007
%RSD		2.292	5.581	40.190
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.044	0.712	6.143
%RSD		24.980	5.516	4.340
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.332%	-0.412	0.333
%RSD		0.804	17.570	2.521
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.099	0.428	-0.551
%RSD		50.680	1.354	1.434
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.361
%RSD		0.000	9.416	210.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	93.927%	0.223
%RSD		225.400	0.205	7.187
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.117	0.750	0.000
%RSD		16.270	5.936	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.182%	0.307	0.169
%RSD		0.609	10.700	8.808
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.074	102.855%	
%RSD		2.405	1.157	

Ics 240-66250/3-a, 11/29/2012 12:31:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.987%	M 927.700	88.890
%RSD		0.320	M 0.643	1.517
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		8150.000	9483.000	M 8741.000
%RSD		0.674	0.707	M 0.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 9168.000	8742.000
%RSD		T 0.000	T 0.668	0.584
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 86.971%	85.585%	89.310
%RSD		T 0.749	0.655	2.406
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 872.800	M 898.300	80.800
%RSD		M 0.543	M 0.591	3.338
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 917.900	T 8905.000	TM 957.700
%RSD		T 0.433	T 0.217	TM 0.334
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 894.400	M 935.000	M 946.600
%RSD		M 0.508	M 0.554	M 0.402
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.832%	M 881.700	-4.149
%RSD		0.567	M 0.416	3.737
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 892.200	M 838.600	88.790
%RSD		M 0.354	M 0.868	1.262
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	96.340	399.300
%RSD		0.000	1.453	24.410
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 928.100	92.511%	90.920
%RSD		M 0.850	0.852	0.659
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		91.090	M 876.400	0.000
%RSD		1.509	M 1.081	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.124%	89.340	TM 215.800
%RSD		0.268	1.433	TM 0.473
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		TM 935.800	100.403%	
%RSD		TM 0.274	0.338	

240-17684 -h-6-b, 11/29/2012 12:38:50 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.647%	0.133	5.787
%RSD		0.698	0.883	2.029
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		721.900	679.200	6.482
%RSD		0.398	1.244	5.862
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	310.300	2668.000
%RSD		T 0.000	5.222	5.432
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 82.599%	82.866%	0.169
%RSD		T 5.397	0.799	122.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.570	-0.038	-44.150
%RSD		41.730	72.270	1.950
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		9.663	214.900	0.143
%RSD		5.727	0.954	11.380
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.256	0.763	3.194
%RSD		10.060	4.107	2.656
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.095%	-0.170	0.310
%RSD		0.585	85.190	28.680
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.379	12.450	-0.139
%RSD		14.580	0.799	130.600
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.016	0.175
%RSD		0.000	7.242	517.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.181	90.831%	0.224
%RSD		27.020	0.403	11.910
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.356	3.613	0.000
%RSD		16.400	1.102	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.037%	0.883	0.463
%RSD		0.177	12.270	8.078
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.149	102.020%	
%RSD		5.453	0.280	

240-17684 -h-7-b, 11/29/2012 12:44:18 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.692%	0.035	M 382.800
%RSD		0.648	19.570	M 0.612
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 50440.000	38770.000	3.236
%RSD		T 0.761	0.835	13.440
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 10870.000	TM 313000.000
%RSD		T 0.000	T 0.359	TM 0.561
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 83.365%	86.068%	0.918
%RSD		T 0.461	0.743	13.360
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.050	0.228	-49.820
%RSD		485.000	3.727	1.340
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 1006.000	T 32560.000	0.559
%RSD		TM 0.395	T 0.900	2.203
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		1.005	0.576	1.295
%RSD		7.534	10.080	12.210
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		85.269%	0.697	0.243
%RSD		1.299	14.420	14.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.291	TM 1779.000	-0.507
%RSD		23.850	TM 1.059	1.393
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.004	0.165
%RSD		0.000	61.150	434.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.068	89.794%	0.190
%RSD		8.269	0.980	15.680
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.228	M 426.600	0.000
%RSD		12.490	M 1.241	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.170%	0.391	0.253
%RSD		0.725	1.452	6.379
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.076	87.304%	
%RSD		4.931	0.473	

240-17773 -h-1-b, 11/29/2012 12:49:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.577%	0.021	M 1195.000
%RSD		0.683	58.820	M 0.352
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 70930.000	55050.000	5.682
%RSD		T 0.444	0.641	10.580
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 46690.000	M 193900.000
%RSD		T 0.000	T 0.793	M 0.574
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.145%	85.516%	1.583
%RSD		0.627	0.599	14.970
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.210	2.689	-50.290
%RSD		59.590	1.682	0.763
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1336.000	TM 80110.000	2.756
%RSD		TM 0.553	TM 0.332	0.173
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.801	0.373	2.299
%RSD		0.709	16.240	5.688
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.396%	4.669	0.051
%RSD		0.550	5.722	79.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.443	M 849.100	-0.419
%RSD		17.700	M 0.277	9.150
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	0.540
%RSD		0.000	204.500	239.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	90.165%	6.027
%RSD		19.780	0.481	0.963
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.217	M 479.500	0.000
%RSD		14.210	M 0.150	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.199%	0.245	0.166
%RSD		1.314	7.803	5.587
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.047	87.748%	
%RSD		8.078	0.513	

240-17773 -h-2-b, 11/29/2012 12:55:29 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.199%	0.017	M 960.800
%RSD		0.686	13.390	M 1.150
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 42380.000	50670.000	4.725
%RSD		T 0.496	0.096	9.959
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 34300.000	M 253300.000
%RSD		T 0.000	T 1.163	M 0.507
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.051%	85.093%	1.146
%RSD		0.585	1.002	10.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.043	0.268	-50.520
%RSD		568.100	11.290	0.534
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2184.000	T 36870.000	1.547
%RSD		TM 0.227	T 0.208	1.880
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.915	0.434	4.671
%RSD		4.680	16.570	1.516
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.838%	1.063	0.125
%RSD		1.250	3.490	56.360
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.377	TM 915.100	-0.271
%RSD		38.130	TM 3.651	2.837
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.500
%RSD		0.000	105.500	98.540
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.045	90.016%	0.238
%RSD		30.560	1.671	14.110
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.166	M 381.600	0.000
%RSD		9.288	M 0.043	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.780%	0.182	0.136
%RSD		1.100	11.240	0.337
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.015	89.465%	
%RSD		19.240	0.159	

240-17773 -h-3-b, 11/29/2012 13:00:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.701%	0.014	M 344.900
%RSD		0.506	61.930	M 0.939
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 80760.000	58010.000	3.882
%RSD		T 0.564	0.548	24.040
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7505.000	TM 454000.000
%RSD		T 0.000	T 1.024	TM 0.269
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.416%	85.197%	0.593
%RSD		T 0.409	0.744	37.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.226	0.290	-46.290
%RSD		38.340	10.470	1.128
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1583.000	T 20200.000	1.256
%RSD		TM 0.406	T 0.413	0.844
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.695	0.331	3.349
%RSD		1.627	10.620	6.795
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.084%	1.323	0.404
%RSD		0.435	13.380	14.010
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.290	TM 3343.000	-0.690
%RSD		60.730	TM 0.843	5.995
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.459
%RSD		0.000	89.620	271.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.037	89.237%	0.057
%RSD		43.090	0.532	20.140
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.125	154.500	0.000
%RSD		4.326	1.279	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.069%	0.140	0.109
%RSD		0.656	3.261	3.584
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.014	86.627%	
%RSD		11.100	0.982	

240-17773 -h-4-b, 11/29/2012 13:06:21 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.424%	0.015	M 549.400
%RSD		0.637	4.507	M 0.484
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 44620.000	68090.000	3.785
%RSD		T 0.459	1.206	18.900
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 19440.000	M 146100.000
%RSD		T 0.000	T 0.835	M 0.233
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.847%	84.845%	0.856
%RSD		T 0.122	0.285	24.490
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.399	0.138	-44.850
%RSD		22.600	5.986	0.957
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 359.200	T 24090.000	0.401
%RSD		T 0.564	T 0.279	1.674
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.756	2.310	5.435
%RSD		8.517	0.738	5.203
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.631%	0.584	0.235
%RSD		0.548	12.150	14.080
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.253	TM 2294.000	0.308
%RSD		41.840	TM 0.748	23.070
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.836
%RSD		0.000	72.410	163.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.070	90.818%	0.126
%RSD		16.770	0.796	19.140
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.098	M 1609.000	0.000
%RSD		10.680	M 0.288	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.699%	0.492	0.087
%RSD		0.616	4.081	3.655
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.287	92.698%	
%RSD		0.686	0.792	

240-17773 -h-5-b, 11/29/2012 13:11:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.471%	0.010	M 883.800
%RSD		0.524	23.310	M 1.280
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25090.000	81830.000	11.180
%RSD		T 0.388	0.753	9.142
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 24710.000	M 114500.000
%RSD		T 0.000	T 5.376	M 5.996
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.542%	84.606%	0.843
%RSD		T 6.330	0.536	26.020
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.391	0.021	-44.840
%RSD		40.260	113.300	0.760
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		96.620	T 25770.000	0.436
%RSD		5.767	T 0.170	5.826
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.900	2.893	8.991
%RSD		4.217	2.603	1.711
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.247%	3.152	0.265
%RSD		0.791	3.687	20.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.196	TM 2076.000	4.849
%RSD		5.080	TM 0.346	1.770
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.613
%RSD		0.000	31.700	93.720
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.030	90.960%	1.156
%RSD		55.590	0.194	5.916
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.132	TM 2638.000	0.000
%RSD		11.730	TM 2.848	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.737%	0.653	0.081
%RSD		1.095	1.887	3.918
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.382	93.763%	
%RSD		1.055	0.260	

CCV 11/29/2012 13:17:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.812%	101.238%	102.487%
%RSD		0.308	1.260	0.569
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬100.376%	103.905%	100.280%
%RSD		┬0.498	0.505	0.801
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬0.000	┬102.281%	98.754%
%RSD		┬0.000	┬0.548	0.838
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬92.995%	88.958%	97.419%
%RSD		┬0.759	1.203	2.578
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.612%	97.771%	-34.730
%RSD		0.108	0.880	0.970
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬98.853%	┬102.255%	98.139%
%RSD		┬0.277	┬0.825	1.487
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		98.967%	100.646%	102.129%
%RSD		1.359	0.544	1.057
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.799%	98.651%	-0.684
%RSD		0.910	0.468	39.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		98.704%	97.947%	102.976%
%RSD		0.073	0.515	1.143
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	102.305%	74.020
%RSD		0.000	0.605	23.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		100.453%	92.853%	101.163%
%RSD		0.403	0.340	1.227
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		101.451%	99.301%	0.000
%RSD		1.392	1.807	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		99.995%	104.220%	90.438%
%RSD		1.410	1.299	0.709
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		99.437%	95.303%	
%RSD		1.205	0.486	

CCB 11/29/2012 13:24:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.809%	0.035	1.841
%RSD		0.372	10.780	3.844
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-6.326	12.060	1.099
%RSD		8.532	32.530	33.150
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	12.550	17.400
%RSD		T 0.000	10.170	22.180
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 95.254%	86.476%	0.017
%RSD		T 0.333	0.621	261.900
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.780	-0.373	-43.810
%RSD		25.700	3.272	1.958
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.115	8.832	0.032
%RSD		11.030	15.530	19.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.012	0.008	0.477
%RSD		84.290	159.200	12.640
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.922%	-0.576	-0.049
%RSD		0.510	13.900	99.780
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.057	0.089	-0.232
%RSD		24.130	17.300	36.390
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.024	0.360
%RSD		0.000	4.790	75.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.028	93.903%	0.136
%RSD		11.100	0.856	32.880
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.114	0.055	0.000
%RSD		22.770	29.910	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.306%	0.600	0.265
%RSD		0.850	11.660	3.630
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.023	105.919%	
%RSD		20.730	0.479	

240-17773 -h-6-b, 11/29/2012 13:29:56 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.062%	0.011	M 806.700
%RSD		0.185	28.960	M 0.335
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 23840.000	64030.000	2.300
%RSD		T 0.174	0.352	11.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 23140.000	M 175300.000
%RSD		T 0.000	T 6.363	M 5.970
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.381%	83.221%	0.342
%RSD		T 5.738	0.636	68.680
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.769	-0.227	-47.780
%RSD		18.000	4.802	1.455
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 465.900	T 19670.000	0.784
%RSD		T 6.301	T 0.501	2.418
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		11.170	1.153	125.900
%RSD		0.667	0.867	1.140
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.349%	2.224	0.292
%RSD		1.173	0.541	13.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.139	TM 1629.000	1.913
%RSD		13.830	TM 0.873	6.325
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.009	2.269
%RSD		0.000	27.200	137.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.377	89.089%	0.122
%RSD		7.704	0.632	12.620
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.211	151.300	0.000
%RSD		5.645	0.276	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.632%	0.362	0.164
%RSD		0.687	5.158	8.350
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.906	92.835%	
%RSD		0.429	0.625	

240-17773 -h-7-b, 11/29/2012 13:35:29 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.297%	0.011	M 1216.000
%RSD		0.492	70.510	M 0.693
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 72190.000	56090.000	6.046
%RSD		T 1.239	0.345	3.780
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 44420.000	M 184100.000
%RSD		T 0.000	T 5.478	M 5.770
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.556%	85.026%	1.930
%RSD		T 6.611	1.107	31.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.263	2.745	-50.200
%RSD		64.990	0.032	0.541
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1272.000	TM 80600.000	2.739
%RSD		TM 6.358	TM 0.055	2.008
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.448	0.725	2.571
%RSD		2.839	6.474	7.644
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.923%	4.581	0.142
%RSD		1.028	3.215	43.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.411	M 859.900	-0.476
%RSD		16.320	M 0.214	5.480
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.914
%RSD		0.000	27.140	53.410
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	90.399%	0.331
%RSD		191.500	0.825	3.063
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.149	M 481.900	0.000
%RSD		14.170	M 0.651	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.983%	0.169	0.108
%RSD		1.691	3.334	2.844
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.050	90.556%	
%RSD		3.056	0.835	

240-17773 -h-8-b, 11/29/2012 13:41:00 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.675%	-0.002	7.621
%RSD		1.099	48.280	1.432
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18.840	35.300	6.018
%RSD		5.471	8.747	4.882
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	19.240	136.600
%RSD		T 0.000	5.333	0.899
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.827%	86.326%	0.047
%RSD		T 0.689	0.613	239.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.742	-0.124	-44.340
%RSD		25.330	16.760	1.441
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.987	32.540	0.044
%RSD		2.892	11.120	11.720
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.217	1.260	2.904
%RSD		5.631	4.660	4.299
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.405%	-0.552	0.305
%RSD		0.671	9.611	1.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.008	0.534	-0.757
%RSD		616.000	1.276	2.379
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.335
%RSD		0.000	82.560	767.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.148	94.375%	0.047
%RSD		7.616	0.601	60.060
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.041	0.289	0.000
%RSD		27.760	13.270	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.364%	0.130	0.071
%RSD		0.229	2.902	4.515
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.072	105.750%	
%RSD		2.214	0.368	

AG 2 PPM 11/29/2012 13:46:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.943%	0.001	2.403
%RSD		0.489	135.200	1.688
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-9.775	6.140	0.965
%RSD		1.786	26.560	43.910
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	14.490	21.470
%RSD		T 0.000	4.199	30.750
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.642%	84.505%	-0.086
%RSD		T 0.399	0.879	82.990
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.589	-0.373	-44.330
%RSD		12.620	2.735	0.706
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.142	5.579	0.007
%RSD		5.234	3.268	38.870
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.032	-0.007	1.744
%RSD		21.350	15.650	2.994
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.067%	-0.518	-0.098
%RSD		0.611	8.902	72.740
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.032	0.102	-0.804
%RSD		87.080	15.030	1.096
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 2442.000	13.900
%RSD		0.000	TM 0.845	22.730
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.000	93.405%	0.057
%RSD		959.400	1.133	6.746
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.036	0.043	0.000
%RSD		29.320	38.090	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.567%	0.084	0.054
%RSD		0.489	10.670	4.078
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.004	105.418%	
%RSD		78.950	0.259	

mb 240-65948/1-a, 11/29/2012 13:51:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.574%	0.005	1.396
%RSD		0.613	106.500	4.166
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		21.200	43.550	1.724
%RSD		2.031	3.133	19.340
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	8.036	226.200
%RSD		T 0.000	2.384	2.683
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.462%	82.410%	-0.035
%RSD		T 0.571	0.385	342.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.727	-0.264	-47.090
%RSD		12.010	7.446	1.239
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.342	8.621	0.007
%RSD		4.743	4.784	15.480
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.038	0.655	13.380
%RSD		70.480	1.103	4.727
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.594%	-0.684	0.302
%RSD		0.307	5.078	12.480
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.088	0.355	-0.808
%RSD		42.480	4.270	1.342
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.557	0.078
%RSD		0.000	13.070	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	92.495%	0.069
%RSD		1148.000	0.258	6.650
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.019	0.663	0.000
%RSD		36.110	10.200	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.902%	0.060	0.045
%RSD		0.253	15.460	3.488
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.092	107.253%	
%RSD		4.490	0.304	

lcs 240-65948/2-a, 11/29/2012 13:57:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.087%	M 908.500	88.090
%RSD		0.494	M 0.378	0.260
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8115.000	9518.000	M 8726.000
%RSD		0.552	1.474	M 0.514
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9601.000	9135.000
%RSD		T 0.000	T 6.839	6.333
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.343%	81.831%	91.410
%RSD		T 6.018	0.721	2.038
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 852.100	M 876.900	73.050
%RSD		M 0.319	M 0.385	9.118
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 938.700	T 8912.000	TM 930.800
%RSD		TM 6.045	T 0.950	TM 0.472
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 878.900	M 903.100	M 932.500
%RSD		M 0.239	M 0.341	M 0.155
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.751%	M 857.400	-3.937
%RSD		0.463	M 0.288	7.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 877.700	M 823.300	85.670
%RSD		M 0.355	M 0.565	0.485
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	94.870	546.100
%RSD		0.000	0.569	36.340
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 912.900	90.588%	89.990
%RSD		M 0.538	0.588	0.702
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		89.480	M 866.400	0.000
%RSD		0.622	M 0.537	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.957%	87.170	TM 210.500
%RSD		0.490	1.228	TM 0.543
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 918.000	103.538%	
%RSD		TM 0.327	0.249	

240-17879 -I-13 -a, 11/29/2012 14:04:39 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.356%	0.044	17.770
%RSD		0.464	10.800	1.887
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 18690.000	50.140	403.500
%RSD		T 0.779	7.923	1.750
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 15980.000	M 175300.000
%RSD		T 0.000	T 0.606	M 0.338
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.051%	81.537%	0.047
%RSD		T 1.121	0.302	212.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-1.601	42.510	-45.180
%RSD		26.260	0.428	2.842
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.828	-47.860	0.510
%RSD		3.234	1.599	3.052
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.216	3.788	2.631
%RSD		2.073	3.731	12.210
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.400%	0.392	0.363
%RSD		0.719	22.400	6.845
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.579	TM 7050.000	1.516
%RSD		8.408	TM 0.307	3.743
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	-0.130
%RSD		0.000	5.972	1315.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.018	90.529%	0.284
%RSD		9.184	0.538	8.646
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.397	114.000	0.000
%RSD		9.019	1.195	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.370%	0.785	0.394
%RSD		0.658	10.130	9.262
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.060	98.125%	
%RSD		2.971	0.833	

SD 240-17879 -l-13 -a@5, 11/29/2012 14:10:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.835%	0.022	3.901
%RSD		0.321	41.570	2.010
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		3512.000	7.408	82.740
%RSD		1.267	11.280	1.393
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 3532.000	38480.000
%RSD		T 0.000	T 6.285	5.938
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 79.935%	77.809%	-0.109
%RSD		T 6.721	0.656	0.532
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-1.045	8.262	-46.500
%RSD		4.615	1.201	0.567
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.208	-9.702	0.110
%RSD		15.250	3.881	5.759
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.644	0.875	0.955
%RSD		2.507	4.344	9.712
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		81.291%	-0.447	0.049
%RSD		0.831	5.527	46.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.127	TM 1386.000	-0.323
%RSD		25.090	TM 0.549	14.130
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.008	0.858
%RSD		0.000	31.110	39.380
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.003	88.857%	0.060
%RSD		111.400	0.243	29.780
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.149	22.570	0.000
%RSD		9.412	1.448	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.125%	0.263	0.185
%RSD		0.720	7.018	1.174
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.011	103.508%	
%RSD		16.200	0.186	

240-17879 -l-13 -b ms, 11/29/2012 14:15:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.741%	M 963.100	111.600
%RSD		0.520	M 0.143	0.589
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 29430.000	10220.000	M 9808.000
%RSD		T 1.390	0.060	M 1.006
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 30240.000	M 213000.000
%RSD		T 0.000	T 0.828	M 0.289
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.334%	80.444%	101.300
%RSD		0.783	1.522	2.099
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 951.500	M 1004.000	101.800
%RSD		M 0.955	M 1.440	2.787
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1098.000	T 10100.000	TM 1028.000
%RSD		TM 0.219	T 0.623	TM 0.544
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 943.900	M 956.000	M 988.200
%RSD		M 0.891	M 0.737	M 0.259
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.784%	M 966.800	-4.755
%RSD		0.705	M 0.276	4.099
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 956.000	TM 8327.000	103.200
%RSD		M 0.200	TM 0.143	0.897
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.880	485.400
%RSD		0.000	0.502	27.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 980.300	88.608%	100.800
%RSD		M 0.927	1.195	0.338
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.150	M 1090.000	0.000
%RSD		1.216	M 0.230	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.699%	103.300	TM 243.700
%RSD		0.962	0.493	TM 0.422
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1043.000	93.782%	
%RSD		TM 0.357	0.331	

240-17879 -l-13 -c msd, 11/29/2012 14:22:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.318%	M 977.000	113.000
%RSD		1.012	M 0.511	0.742
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 29170.000	10280.000	M 9822.000
%RSD		T 1.378	0.354	M 1.450
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 29830.000	M 211900.000
%RSD		T 0.000	T 1.063	M 0.469
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.961%	80.959%	100.000
%RSD		0.337	1.618	1.113
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 962.100	M 1013.000	94.920
%RSD		M 0.918	M 0.843	7.403
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1106.000	T 10080.000	TM 1031.000
%RSD		TM 0.390	T 0.295	TM 1.216
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 943.300	M 952.100	M 962.500
%RSD		M 0.639	M 0.578	M 0.376
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.576%	M 970.900	-4.739
%RSD		0.701	M 0.503	15.620
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 964.000	TM 8137.000	102.300
%RSD		M 0.689	TM 0.588	0.385
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.230	439.500
%RSD		0.000	0.267	21.590
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 975.800	89.968%	99.940
%RSD		M 0.553	0.498	0.542
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.050	M 1089.000	0.000
%RSD		0.528	M 0.332	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.648%	103.200	TM 244.300
%RSD		1.209	0.152	TM 0.465
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1046.000	94.549%	
%RSD		TM 0.190	0.622	

CCV 3 11/29/2012 14:30:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.541%	100.935%	97.640%
%RSD		0.814	0.974	1.439
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 101.016%	103.686%	100.621%
%RSD		┬0.824	0.548	0.968
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 106.504%	102.629%
%RSD		┬0.000	┬7.292	6.404
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬84.761%	82.779%	96.983%
%RSD		┬6.413	0.408	2.252
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.493%	97.994%	-35.070
%RSD		1.348	0.191	2.139
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 102.975%	┬ 102.834%	98.407%
%RSD		┬7.297	┬0.707	0.656
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.108%	100.708%	101.340%
%RSD		1.130	0.872	0.872
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.316%	98.626%	-0.700
%RSD		0.483	0.888	16.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.942%	99.860%	104.836%
%RSD		1.732	1.028	0.754
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.705%	28.350
%RSD		0.000	0.614	161.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.487%	88.293%	102.073%
%RSD		0.394	0.826	0.711
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.199%	98.793%	0.000
%RSD		0.695	0.672	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.595%	105.843%	91.723%
%RSD		0.898	0.654	0.699
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.091%	93.282%	
%RSD		0.590	0.064	

CCB 3 11/29/2012 14:37:12 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.069%	0.054	0.336
%RSD		0.540	13.890	7.312
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-4.092	15.270	1.195
%RSD		11.950	16.360	11.520
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	18.700	34.850
%RSD		T 0.000	15.040	19.260
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 81.893%	78.525%	-0.043
%RSD		T 6.457	0.336	289.500
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.592	-0.383	-44.760
%RSD		7.564	2.136	0.905
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.206	10.690	0.031
%RSD		16.230	13.830	32.140
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.029	0.062	0.487
%RSD		43.280	55.960	38.320
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		81.705%	-0.476	-0.098
%RSD		0.694	21.950	4.606
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.069	0.134	-0.063
%RSD		102.100	11.210	205.600
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.028	0.523
%RSD		0.000	10.100	47.290
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.035	88.375%	0.186
%RSD		59.830	0.197	19.050
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.285	0.065	0.000
%RSD		3.584	22.930	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.814%	0.840	0.447
%RSD		1.090	10.870	4.326
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.045	103.477%	
%RSD		7.611	0.587	

240-17879 -c-5-a, 11/29/2012 14:42:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.631%	0.025	139.600
%RSD		0.313	21.850	0.425
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 14040.000	28120.000	155.900
%RSD		T 0.276	1.415	2.609
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 6658.000	95300.000
%RSD		T 0.000	T 6.290	6.080
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 80.225%	78.178%	2.033
%RSD		T 6.467	0.437	9.987
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-1.345	97.360	-26.520
%RSD		35.090	0.442	5.862
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		28.160	134.700	0.187
%RSD		5.751	1.069	4.033
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.866	0.769	3.883
%RSD		9.391	7.526	5.460
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		79.816%	1.382	0.318
%RSD		0.714	15.250	8.597
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		3.034	M 412.000	3.568
%RSD		7.058	M 1.083	1.666
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.005	-0.254
%RSD		0.000	47.510	284.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.021	85.897%	0.296
%RSD		51.880	0.280	9.247
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.425	30.500	0.000
%RSD		3.422	1.304	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		97.246%	0.444	0.287
%RSD		0.866	5.450	2.542
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.198	96.853%	
%RSD		4.833	0.240	

240-17879 -c-6-a, 11/29/2012 14:48:08 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.174%	0.018	163.300
%RSD		0.662	38.970	1.392
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9174.000	17190.000	29.090
%RSD		0.400	1.992	3.208
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7561.000	78560.000
%RSD		T 0.000	T 1.161	0.662
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.705%	76.242%	0.167
%RSD		0.055	0.532	45.780
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-1.673	122.100	-24.880
%RSD		8.524	0.338	3.317
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		10.970	-12.690	0.076
%RSD		0.718	3.069	7.282
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.463	0.583	2.681
%RSD		2.522	20.970	2.596
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.775%	1.526	0.294
%RSD		0.145	4.327	2.729
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.746	M 273.700	4.349
%RSD		1.728	M 0.246	3.059
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.554
%RSD		0.000	18.130	121.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.018	85.714%	0.075
%RSD		48.440	0.750	7.903
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.382	28.110	0.000
%RSD		8.431	0.708	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.207%	0.312	0.205
%RSD		0.433	2.061	3.606
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.009	97.113%	
%RSD		21.430	0.655	

240-17879 -c-7-a, 11/29/2012 14:53:46 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.449%	0.013	165.700
%RSD		0.930	77.120	1.150
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9345.000	17600.000	29.080
%RSD		1.707	1.475	5.524
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7715.000	80130.000
%RSD		T 0.000	T 0.483	0.358
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.772%	75.516%	0.136
%RSD		0.386	1.540	57.790
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-1.277	124.700	-24.480
%RSD		53.610	0.658	11.500
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		9.360	-12.700	0.073
%RSD		0.816	2.932	18.290
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.434	0.542	2.342
%RSD		6.460	5.953	2.376
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.148%	1.457	0.315
%RSD		1.403	8.037	16.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.849	M 280.100	4.598
%RSD		3.974	M 0.420	1.554
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	-0.071
%RSD		0.000	265.900	365.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.008	84.620%	0.056
%RSD		144.500	1.046	24.090
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.373	28.800	0.000
%RSD		1.850	0.932	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.242%	0.252	0.164
%RSD		1.134	4.283	4.568
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.002	97.000%	
%RSD		20.180	0.047	

240-17879 -c-8-a, 11/29/2012 14:59:19 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.188%	0.017	49.330
%RSD		0.566	12.990	2.061
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28450.000	68510.000	30.730
%RSD		T 0.299	0.629	6.492
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4146.000	M 162900.000
%RSD		T 0.000	T 0.949	M 0.600
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.854%	78.865%	0.040
%RSD		0.500	1.022	252.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.284	0.163	-34.180
%RSD		118.900	17.450	3.420
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		18.000	38.000	0.115
%RSD		0.822	3.814	12.400
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.848	0.687	3.841
%RSD		3.441	0.956	8.190
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.368%	1.189	0.513
%RSD		0.412	6.354	10.650
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.309	M 883.500	-0.447
%RSD		9.026	M 0.676	7.936
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.283
%RSD		0.000	181.800	125.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	84.900%	0.092
%RSD		43.580	0.736	8.808
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.115	31.440	0.000
%RSD		10.810	1.064	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.784%	0.135	0.121
%RSD		1.029	1.986	1.511
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.024	91.649%	
%RSD		20.950	0.555	

240-17879 -c-9-a, 11/29/2012 15:04:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.469%	0.009	61.340
%RSD		0.393	54.590	0.463
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 20330.000	M 142900.000	15.610
%RSD		T 0.411	M 0.345	3.846
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5538.000	M 264600.000
%RSD		T 0.000	T 1.092	M 0.149
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.424%	78.394%	0.125
%RSD		0.466	1.210	81.880
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.479	0.094	-29.720
%RSD		65.140	19.960	2.804
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		9.552	-28.860	0.086
%RSD		0.983	3.899	21.000
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.831	0.453	2.056
%RSD		8.793	8.161	0.563
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.287%	2.183	0.577
%RSD		1.133	5.066	17.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.391	TM 1980.000	-0.491
%RSD		36.720	TM 0.655	11.240
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.369
%RSD		0.000	35.130	210.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	83.815%	1.651
%RSD		101.300	1.161	3.125
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.142	22.800	0.000
%RSD		12.330	0.570	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.854%	0.109	0.108
%RSD		0.902	4.392	0.973
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.032	88.849%	
%RSD		11.490	0.404	

240-17879 -c-10 -a, 11/29/2012 15:10:16 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.628%	0.005	41.710
%RSD		0.820	69.960	1.036
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 32930.000	28620.000	42.110
%RSD		T 0.682	1.102	2.746
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3399.000	M 109100.000
%RSD		T 0.000	T 0.239	M 0.469
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.197%	74.355%	0.159
%RSD		0.575	0.896	55.230
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.314	0.131	-37.850
%RSD		19.840	24.390	1.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		23.270	71.460	0.153
%RSD		0.101	0.143	12.920
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.884	0.811	3.427
%RSD		11.860	14.710	5.857
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.069%	0.625	0.321
%RSD		0.101	14.150	30.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.254	M 380.100	-0.513
%RSD		51.370	M 0.246	3.916
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.476
%RSD		0.000	46.670	257.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.008	83.271%	0.071
%RSD		94.690	0.836	10.490
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.084	36.110	0.000
%RSD		9.969	1.551	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.717%	0.084	0.083
%RSD		0.739	0.862	6.556
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.046	95.472%	
%RSD		7.497	0.264	

240-17879 -d-11 -a, 11/29/2012 15:15:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.217%	0.014	43.130
%RSD		0.536	11.390	2.715
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34230.000	28910.000	45.100
%RSD		T 0.312	0.726	0.716
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3205.000	M 111900.000
%RSD		T 0.000	T 0.582	M 0.455
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.942%	70.152%	0.313
%RSD		0.384	0.430	108.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.243	0.186	-45.540
%RSD		59.400	18.510	1.801
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		30.390	87.310	0.159
%RSD		1.186	0.981	6.353
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.980	0.914	4.551
%RSD		10.300	6.159	1.235
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.000%	0.260	0.368
%RSD		0.431	44.670	8.315
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.196	M 392.700	-0.546
%RSD		17.850	M 0.569	8.735
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.252
%RSD		0.000	306.200	227.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	81.366%	0.091
%RSD		53.270	0.157	10.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.072	40.260	0.000
%RSD		12.900	1.163	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.073%	0.069	0.066
%RSD		0.841	5.938	5.605
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.044	96.379%	
%RSD		3.528	0.237	

240-17879 -d-12 -a, 11/29/2012 15:21:25 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.242%	0.106	32.390
%RSD		0.478	10.300	1.075
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25990.000	15490.000	M 1477.000
%RSD		T 0.885	0.684	M 1.986
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9619.000	M 136400.000
%RSD		0.000	T 0.396	M 0.184
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.478%	65.302%	16.340
%RSD		0.516	1.037	8.916
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.467	20.490	-48.020
%RSD		20.530	1.200	2.654
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		151.000	1604.000	1.466
%RSD		0.691	0.598	2.694
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.171	4.344	16.260
%RSD		3.841	1.411	1.067
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		68.052%	0.553	0.333
%RSD		0.416	21.070	6.586
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.340	TM 3252.000	0.127
%RSD		35.480	TM 0.094	66.100
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.014	0.791
%RSD		0.000	15.160	23.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.040	77.390%	0.205
%RSD		15.440	0.397	20.600
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.109	76.400	0.000
%RSD		9.835	0.357	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.473%	0.083	0.073
%RSD		0.305	7.344	10.430
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.472	93.870%	
%RSD		1.603	0.561	

240-17879 -d-14 -a, 11/29/2012 15:26:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.111%	0.033	41.060
%RSD		0.214	11.570	0.588
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 29130.000	23230.000	429.800
%RSD		T 0.877	0.322	0.942
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4417.000	90500.000
%RSD		T 0.000	T 0.147	0.352
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.381%	65.269%	5.026
%RSD		0.657	0.835	6.609
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.355	10.020	-38.460
%RSD		42.590	1.132	1.797
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		44.480	467.500	0.394
%RSD		0.081	0.372	7.661
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.371	1.305	6.564
%RSD		10.680	11.390	5.573
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.701%	0.336	0.328
%RSD		0.309	27.270	18.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.295	M 452.700	-0.365
%RSD		41.940	M 0.882	6.980
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-1.063
%RSD		0.000	19.870	70.380
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.029	77.837%	0.268
%RSD		78.850	0.202	8.376
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.094	35.890	0.000
%RSD		8.475	2.049	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.786%	0.060	0.055
%RSD		0.224	11.650	10.490
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.386	93.561%	
%RSD		2.477	0.412	

240-17879 -d-16 -a, 11/29/2012 15:32:21 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.611%	0.076	31.620
%RSD		0.389	8.551	1.122
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8409.000	3466.000	M 1350.000
%RSD		0.336	2.100	M 0.078
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7729.000	30010.000
%RSD		T 0.000	T 0.200	0.665
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.298%	67.438%	18.620
%RSD		0.669	0.889	8.447
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.857	42.590	-26.080
%RSD		27.490	0.443	2.683
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		84.430	1561.000	1.135
%RSD		0.138	0.604	1.914
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.623	3.465	16.220
%RSD		2.012	4.434	0.860
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		70.717%	0.497	0.356
%RSD		0.898	5.027	3.259
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.357	M 640.700	0.090
%RSD		28.980	M 0.263	16.620
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	0.213
%RSD		0.000	36.600	312.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.024	78.620%	0.207
%RSD		37.500	0.740	5.706
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.168	27.790	0.000
%RSD		7.397	1.247	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.178%	0.064	0.062
%RSD		0.696	2.108	12.780
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.418	96.356%	
%RSD		2.175	0.277	

CCV 4 11/29/2012 15:37:58 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.359%	103.825%	100.603%
%RSD		0.712	0.770	1.507
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.688%	106.822%	102.801%
%RSD		T 0.554	0.501	0.360
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 111.960%	109.659%
%RSD		T 0.000	T 0.373	0.134
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.091%	75.057%	99.111%
%RSD		0.967	1.005	2.859
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.002%	98.467%	-27.250
%RSD		1.124	0.346	2.886
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 109.762%	T 102.976%	97.384%
%RSD		T 0.718	T 0.378	0.622
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.309%	99.103%	102.012%
%RSD		0.680	0.449	0.267
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.758%	97.979%	-0.626
%RSD		0.858	0.421	16.910
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.252%	99.786%	103.373%
%RSD		0.667	1.085	1.513
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.628%	83.650
%RSD		0.000	0.431	40.180
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.841%	81.843%	103.397%
%RSD		1.442	0.276	0.912
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		103.771%	99.390%	0.000
%RSD		0.809	1.083	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.544%	104.996%	90.942%
%RSD		1.184	0.411	0.717
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.355%	91.711%	
%RSD		0.358	0.693	

CCB 4 11/29/2012 15:44:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.586%	0.037	0.186
%RSD		0.946	22.020	48.070
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-6.900	10.010	0.842
%RSD		8.643	35.180	35.260
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	21.160	32.180
%RSD		T 0.000	1.257	24.200
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.335%	71.702%	0.100
%RSD		0.606	0.623	33.250
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.562	-0.258	-36.510
%RSD		26.350	12.960	1.392
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.188	8.770	0.041
%RSD		3.561	11.750	6.118
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.033	0.013	0.613
%RSD		47.370	317.300	30.530
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.403%	-0.327	-0.061
%RSD		0.200	13.700	26.690
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.051	0.141	-0.209
%RSD		117.600	18.020	57.530
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.026	0.306
%RSD		0.000	14.220	153.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	82.180%	0.138
%RSD		22.160	0.569	28.050
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.129	0.055	0.000
%RSD		10.210	4.062	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.123%	0.612	0.277
%RSD		0.780	12.820	11.620
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.029	100.859%	
%RSD		6.149	0.519	

240-17879 -d-17 -a, 11/29/2012 15:50:20 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.633%	0.013	32.660
%RSD		0.595	23.700	0.991
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8770.000	2702.000	18.280
%RSD		0.582	1.401	6.835
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7753.000	21130.000
%RSD		T 0.000	T 0.722	0.669
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.202%	70.696%	0.454
%RSD		0.684	0.539	43.110
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.838	34.690	-28.890
%RSD		4.957	0.952	3.614
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.803	3.697	0.175
%RSD		4.476	4.513	4.715
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.373	1.019	2.363
%RSD		8.307	6.159	8.913
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.775%	-0.103	0.326
%RSD		0.405	127.900	10.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.411	M 626.500	0.230
%RSD		35.220	M 0.481	14.710
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.077
%RSD		0.000	81.280	350.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.006	81.483%	0.122
%RSD		33.260	0.640	21.670
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.147	16.310	0.000
%RSD		11.790	1.004	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.220%	0.212	0.136
%RSD		0.129	2.240	7.191
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.011	98.497%	
%RSD		12.170	0.398	

240-17879 -d-18 -a, 11/29/2012 15:55:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.697%	0.010	43.470
%RSD		0.191	70.820	0.324
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34230.000	28720.000	46.940
%RSD		T 0.145	0.613	1.971
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3278.000	M 112200.000
%RSD		T 0.000	T 0.504	M 0.434
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.792%	71.247%	0.048
%RSD		0.844	0.446	135.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.399	-0.084	-37.450
%RSD		87.240	12.810	2.151
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		29.390	90.530	0.144
%RSD		1.018	1.362	10.570
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.749	0.756	3.306
%RSD		5.570	9.698	2.353
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.321%	0.531	0.428
%RSD		0.384	10.860	23.720
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.264	M 390.900	-0.509
%RSD		22.700	M 0.479	6.926
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.575
%RSD		0.000	73.990	156.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.011	79.973%	0.078
%RSD		111.000	0.680	22.870
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.081	38.620	0.000
%RSD		9.996	1.818	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.242%	0.112	0.095
%RSD		0.574	10.790	2.156
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.044	92.135%	
%RSD		3.694	0.951	

240-17879 -d-19 -a, 11/29/2012 16:01:18 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.296%	0.011	43.350
%RSD		0.804	60.460	1.653
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 35100.000	29370.000	40.960
%RSD		T 0.537	0.557	1.469
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3316.000	M 112700.000
%RSD		T 0.000	T 0.582	M 0.663
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.747%	70.431%	0.403
%RSD		0.523	0.437	63.460
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.162	-0.090	-34.780
%RSD		255.600	25.650	3.451
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		27.020	85.490	0.161
%RSD		0.153	1.665	9.019
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.905	0.856	3.701
%RSD		9.833	12.390	3.702
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.096%	0.644	0.394
%RSD		0.110	4.814	13.180
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.197	M 397.500	-0.506
%RSD		53.870	M 0.669	7.949
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.383
%RSD		0.000	18.440	385.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	78.855%	0.124
%RSD		93.950	0.909	17.230
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.082	38.950	0.000
%RSD		9.862	1.884	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.784%	0.098	0.075
%RSD		0.592	5.869	5.055
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.042	91.186%	
%RSD		6.264	0.038	

mb 240-65912/1-a, 11/29/2012 16:06:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.386%	0.002	0.174
%RSD		0.770	210.300	27.760
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		48.640	88.120	2.002
%RSD		4.870	2.522	15.780
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	16.830	389.100
%RSD		T 0.000	2.280	2.695
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.184%	67.015%	-0.151
%RSD		0.684	0.163	38.630
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.515	-0.045	-29.340
%RSD		48.110	51.070	3.483
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.568	20.440	0.007
%RSD		1.902	1.208	39.500
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.060	0.767	17.250
%RSD		42.400	9.335	2.670
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.143%	-0.127	0.368
%RSD		0.154	70.210	21.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.082	0.688	-0.863
%RSD		48.820	3.202	0.335
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.960
%RSD		0.000	18.920	105.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.017	78.404%	0.107
%RSD		87.540	0.574	30.220
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.015	0.870	0.000
%RSD		43.990	9.793	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.297%	0.065	0.043
%RSD		0.300	3.705	5.859
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.093	99.696%	
%RSD		1.626	0.517	

lcs 240-65912/2-a, 11/29/2012 16:12:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.447%	M 934.400	89.600
%RSD		0.375	M 0.426	0.981
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8365.000	9718.000	M 8885.000
%RSD		0.746	1.005	M 1.085
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9987.000	9726.000
%RSD		T 0.000	T 0.288	0.031
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.273%	66.004%	87.110
%RSD		0.396	1.349	0.675
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 835.700	M 863.000	81.780
%RSD		M 0.849	M 0.623	2.794
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 988.100	T 8923.000	M 839.500
%RSD		T 0.212	T 0.679	M 0.528
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 852.000	M 877.200	M 943.300
%RSD		M 0.203	M 0.167	M 0.232
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.718%	M 842.400	-4.154
%RSD		0.187	M 0.504	17.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 889.400	M 829.500	84.340
%RSD		M 0.737	M 0.536	0.869
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	92.460	473.300
%RSD		0.000	0.460	16.680
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 920.400	77.966%	98.680
%RSD		M 0.649	0.206	0.667
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.000	M 855.900	0.000
%RSD		0.899	M 0.469	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.311%	86.100	TM 210.700
%RSD		0.640	0.673	TM 0.383
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 921.200	96.712%	
%RSD		TM 0.535	0.559	

240-17822 -d-1-a, 11/29/2012 16:19:30 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.709%	0.156	49.320
%RSD		0.730	1.687	1.544
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28080.000	68520.000	32.980
%RSD		T 0.300	0.760	5.961
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3911.000	M 164000.000
%RSD		T 0.000	T 0.723	M 0.372
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.957%	71.328%	0.323
%RSD		0.537	0.496	43.280
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.186	0.681	-31.760
%RSD		213.300	4.053	4.035
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		19.190	42.790	0.259
%RSD		0.260	2.070	5.700
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.180	0.819	4.866
%RSD		1.787	9.668	2.825
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.472%	1.418	0.409
%RSD		0.426	4.376	7.692
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.705	M 890.400	-0.000
%RSD		10.860	M 0.606	166800.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.021	0.429
%RSD		0.000	39.960	160.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.182	79.399%	2.671
%RSD		28.240	0.869	5.338
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.411	33.520	0.000
%RSD		9.226	0.504	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.835%	0.835	0.420
%RSD		0.335	9.323	9.743
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.216	90.023%	
%RSD		8.625	0.637	

SD 240-17822 -d-1-a@5, 11/29/2012 16:24:59 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.767%	0.019	10.450
%RSD		0.379	8.015	1.332
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		5293.000	14620.000	6.635
%RSD		0.617	1.417	10.010
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	734.900	33440.000
%RSD		T 0.000	0.940	0.272
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.098%	68.991%	-0.001
%RSD		0.770	0.157	12430.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.461	0.117	-26.040
%RSD		59.410	25.990	1.584
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.916	9.044	0.043
%RSD		0.406	6.325	2.521
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.187	0.173	1.018
%RSD		6.971	10.350	17.030
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.204%	0.303	0.037
%RSD		0.549	14.430	146.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.096	177.700	-0.657
%RSD		31.140	0.475	3.562
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	1.235
%RSD		0.000	101.000	83.430
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.036	78.826%	0.490
%RSD		34.710	0.237	11.020
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.151	6.719	0.000
%RSD		15.610	1.434	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.594%	0.250	0.188
%RSD		0.908	4.437	2.131
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.019	96.051%	
%RSD		23.950	0.151	

240-17822 -d-1-b ms, 11/29/2012 16:30:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.794%	M 970.500	145.100
%RSD		0.624	M 1.280	1.092
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 37700.000	78420.000	M 9525.000
%RSD		T 0.506	0.185	M 0.307
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 15140.000	M 176900.000
%RSD		T 0.000	T 0.479	M 0.580
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.935%	69.964%	98.260
%RSD		0.643	0.953	3.013
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 931.300	M 939.200	99.680
%RSD		M 0.181	M 0.312	6.654
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1097.000	T 10170.000	M 916.600
%RSD		TM 0.152	T 0.985	M 0.759
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 911.900	M 921.300	M 959.900
%RSD		M 0.485	M 0.888	M 0.614
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.673%	M 961.300	-4.793
%RSD		0.288	M 0.602	6.879
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 973.400	TM 1964.000	98.500
%RSD		M 0.718	TM 0.526	1.671
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.330	478.600
%RSD		0.000	0.623	21.250
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 977.600	78.030%	100.600
%RSD		M 0.660	1.583	1.340
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.500	M 986.800	0.000
%RSD		0.421	M 0.533	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.326%	101.300	TM 242.100
%RSD		1.360	0.371	TM 0.981
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1049.000	89.195%	
%RSD		TM 0.732	1.583	

240-17822 -d-1-c msd, 11/29/2012 16:37:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.691%	M 991.900	148.900
%RSD		0.794	M 0.832	1.337
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 38380.000	79870.000	M 9576.000
%RSD		T 0.949	0.030	M 0.343
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 15070.000	M 180300.000
%RSD		T 0.000	T 0.648	M 0.253
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.450%	70.914%	99.440
%RSD		0.951	0.938	1.595
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 942.600	M 951.500	96.710
%RSD		M 0.223	M 0.315	6.378
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1099.000	T 10240.000	M 921.200
%RSD		TM 0.484	T 0.932	M 0.705
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 914.700	M 926.600	M 965.400
%RSD		M 0.560	M 0.736	M 0.655
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		70.816%	M 970.800	-4.883
%RSD		1.272	M 0.485	24.360
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 991.100	TM 1979.000	97.990
%RSD		M 0.229	TM 0.553	0.805
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.660	503.800
%RSD		0.000	0.054	17.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 989.800	79.694%	100.700
%RSD		M 0.160	0.744	0.398
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.800	M 1000.000	0.000
%RSD		0.407	M 0.101	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.688%	102.200	TM 245.800
%RSD		1.069	0.572	TM 0.154
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1055.000	90.217%	
%RSD		TM 0.412	0.792	

240-17795 -f-1-a, 11/29/2012 16:45:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.531%	0.293	4.150
%RSD		0.439	13.060	2.672
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9055.000	3775.000	19.820
%RSD		0.297	1.016	4.219
Run	**Time**	**35Cl**	**39K**	**43Ca**	
		ppb	ppb	ppb
x		T 0.000	T 1050.000	5773.000
%RSD		T 0.000	T 5.650	0.627
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.334%	68.459%	0.114
%RSD		0.557	0.643	102.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.012	0.378	-20.370
%RSD		1448.000	19.980	6.641
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		19.670	291.800	3.006
%RSD		0.331	1.053	1.277
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		7.528	41.690	29.660
%RSD		0.885	1.482	1.797
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.373%	0.222	0.368
%RSD		0.337	45.800	5.607
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.720	45.780	-0.228
%RSD		19.430	0.703	9.526
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.047	-2.462
%RSD		0.000	8.796	166.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.691	80.101%	0.262
%RSD		7.683	0.698	14.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.496	51.630	0.000
%RSD		10.140	0.358	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.648%	0.959	0.629
%RSD		0.607	8.450	6.377
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		17.180	98.636%	
%RSD		0.325	0.347	

CCV 5 11/29/2012 16:50:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.787%	105.123%	101.124%
%RSD		0.613	0.248	0.909
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬101.888%	106.029%	101.233%
%RSD		┬1.416	0.595	1.846
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬106.828%	104.882%
%RSD		┬0.000	┬6.053	6.205
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬80.038%	73.499%	98.187%
%RSD		┬6.542	1.670	3.305
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.358%	97.716%	-29.750
%RSD		0.689	1.344	3.645
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬106.013%	┬102.750%	96.988%
%RSD		┬6.514	┬0.123	0.447
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		97.709%	98.747%	102.021%
%RSD		0.616	1.016	1.558
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.353%	97.661%	-0.589
%RSD		1.738	0.726	18.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.819%	100.460%	104.317%
%RSD		1.307	0.191	0.977
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.528%	55.170
%RSD		0.000	0.139	2.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.915%	80.902%	103.904%
%RSD		0.742	0.695	0.897
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.589%	99.844%	0.000
%RSD		1.000	0.783	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.472%	105.007%	90.981%
%RSD		0.907	0.836	0.799
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.178%	91.973%	
%RSD		0.043	1.136	

CCB 5 11/29/2012 16:57:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.070%	0.063	0.190
%RSD		0.140	9.314	24.930
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-4.911	14.530	0.987
%RSD		4.133	11.130	15.760
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	21.370	36.470
%RSD		T 0.000	15.890	25.930
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 80.232%	69.429%	-0.003
%RSD		T 6.579	0.385	1131.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.543	-0.284	-39.110
%RSD		37.250	10.200	2.974
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.187	9.891	0.051
%RSD		13.460	7.187	14.430
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.042	0.066	0.464
%RSD		105.500	55.050	13.580
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		72.858%	-0.366	-0.115
%RSD		0.723	21.850	32.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.103	0.162	-0.195
%RSD		75.620	3.865	38.410
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.030	-0.218
%RSD		0.000	10.190	307.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.045	80.530%	0.163
%RSD		15.050	0.479	25.150
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.212	0.063	0.000
%RSD		4.537	33.210	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.337%	0.730	0.405
%RSD		0.867	12.090	3.245
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.041	100.452%	
%RSD		5.950	0.468	

240-17795 -f-2-a, 11/29/2012 17:03:17 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.619%	0.087	10.640
%RSD		0.375	7.277	1.015
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 38370.000	5233.000	23.730
%RSD		T 0.293	1.606	2.552
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 1259.000	4526.000
%RSD		T 0.000	T 0.479	2.293
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		75.751%	69.326%	0.016
%RSD		0.756	0.600	704.500
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.531	0.520	-28.020
%RSD		27.150	4.163	7.513
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		190.200	243.000	1.354
%RSD		0.174	0.506	3.342
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		3.845	114.800	41.380
%RSD		1.582	0.369	1.398
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		73.135%	-0.201	0.311
%RSD		1.025	17.670	15.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.485	52.270	-0.623
%RSD		13.990	1.048	6.025
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.002	2.046
%RSD		0.000	82.790	84.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.349	79.276%	0.109
%RSD		7.529	0.213	11.020
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.128	67.960	0.000
%RSD		18.220	1.216	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.446%	0.309	0.236
%RSD		0.259	0.776	2.506
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.563	95.046%	
%RSD		2.423	0.564	

240-17795 -f-3-a, 11/29/2012 17:08:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.557%	0.144	3.571
%RSD		0.643	2.475	2.752
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8924.000	3733.000	16.000
%RSD		0.907	0.406	7.667
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1052.000	5751.000
%RSD		T 0.000	T 5.651	0.584
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.932%	69.163%	0.074
%RSD		0.230	0.742	155.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.545	0.012	-17.070
%RSD		86.970	171.600	16.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		14.250	135.900	2.603
%RSD		0.480	2.447	3.172
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		7.229	42.680	31.380
%RSD		1.202	0.344	2.601
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.444%	-0.076	0.353
%RSD		0.501	167.400	3.524
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.057	44.970	-0.748
%RSD		163.800	0.352	4.601
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	2.031
%RSD		0.000	125.000	91.910
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.279	79.717%	0.500
%RSD		12.220	0.723	6.682
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.086	52.430	0.000
%RSD		5.384	2.480	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.632%	0.204	0.185
%RSD		0.713	4.437	3.752
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		19.850	98.872%	
%RSD		0.727	0.568	

240-17795 -f-4-a, 11/29/2012 17:14:13 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.294%	0.013	M 223.400
%RSD		1.044	38.770	M 1.009
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 45720.000	30.060	2.672
%RSD		T 1.167	6.795	26.240
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	101.200	344.300
%RSD		T 0.000	10.350	7.908
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.306%	70.785%	0.086
%RSD		T 6.368	0.599	99.680
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.327	-0.145	-0.605
%RSD		106.300	9.013	219.900
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.184	6.107	0.061
%RSD		19.220	3.523	17.890
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.291	3.442	10.170
%RSD		3.791	3.421	1.857
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.748%	-0.091	0.320
%RSD		0.435	21.330	12.620
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.097	0.542	-0.775
%RSD		64.260	2.701	1.721
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.806
%RSD		0.000	134.900	332.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.218	80.173%	7.456
%RSD		15.840	0.788	1.892
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.071	0.806	0.000
%RSD		13.780	9.786	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.485%	0.677	0.125
%RSD		1.118	1.345	6.094
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.042	96.648%	
%RSD		8.568	0.367	

240-17822 -d-2-a, 11/29/2012 17:19:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.503%	0.015	51.040
%RSD		0.734	13.390	0.298
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28580.000	70650.000	30.270
%RSD		T 0.463	0.115	3.567
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3980.000	M 166400.000
%RSD		T 0.000	T 0.483	M 0.330
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.478%	70.357%	0.330
%RSD		0.205	0.944	108.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.541	0.489	-31.540
%RSD		65.380	4.609	5.077
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		18.480	31.520	0.139
%RSD		0.514	2.573	13.440
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.939	0.728	2.351
%RSD		3.688	8.547	9.372
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		70.801%	1.156	0.422
%RSD		0.978	11.070	6.513
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.279	M 908.500	-0.527
%RSD		13.760	M 0.395	5.490
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.802
%RSD		0.000	71.300	160.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	78.284%	0.055
%RSD		40.540	0.360	8.560
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.105	33.980	0.000
%RSD		20.480	0.838	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.372%	0.119	0.108
%RSD		0.611	6.283	5.921
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.025	89.710%	
%RSD		19.460	0.496	

240-17822 -d-3-a, 11/29/2012 17:25:15 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.672%	0.014	51.320
%RSD		0.937	29.340	0.397
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28400.000	70820.000	27.260
%RSD		T 1.059	0.732	2.257
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4047.000	M 166500.000
%RSD		T 0.000	T 0.507	M 0.562
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.370%	70.410%	0.255
%RSD		0.451	0.583	32.530
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.428	0.567	-29.900
%RSD		19.010	5.991	0.811
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		17.820	33.700	0.117
%RSD		0.763	2.640	6.149
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.901	0.656	2.315
%RSD		7.421	4.166	4.945
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		70.984%	1.391	0.425
%RSD		1.091	11.620	12.580
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.186	M 911.400	-0.560
%RSD		43.690	M 1.074	6.722
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.127
%RSD		0.000	52.940	648.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.013	77.981%	0.041
%RSD		41.870	0.291	24.550
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.116	33.350	0.000
%RSD		9.171	0.827	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.980%	0.099	0.095
%RSD		0.809	9.163	3.702
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.020	89.127%	
%RSD		18.730	0.356	

240-17822 -d-4-a, 11/29/2012 17:30:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.625%	0.009	51.060
%RSD		0.229	68.210	0.394
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28830.000	71760.000	33.320
%RSD		T 0.531	0.918	6.743
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4073.000	M 166200.000
%RSD		T 0.000	T 0.880	M 1.015
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.864%	69.150%	0.340
%RSD		0.819	0.175	111.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.318	1.062	-28.900
%RSD		118.400	4.058	3.644
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		19.040	48.420	0.105
%RSD		0.339	2.123	5.829
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.012	0.753	5.756
%RSD		9.729	10.120	3.739
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.529%	1.447	0.499
%RSD		1.014	3.826	8.579
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.283	M 921.000	-0.477
%RSD		5.334	M 0.357	9.029
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.396
%RSD		0.000	133.200	39.180
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	77.204%	0.047
%RSD		123.100	0.449	46.710
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.105	33.300	0.000
%RSD		1.343	1.019	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.868%	0.084	0.077
%RSD		0.491	9.625	1.227
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.044	89.469%	
%RSD		13.000	0.439	

240-17822 -d-5-a, 11/29/2012 17:36:15 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.742%	0.014	56.110
%RSD		0.461	86.570	1.950
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 27690.000	67690.000	31.610
%RSD		T 0.891	1.157	1.965
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4245.000	M 165200.000
%RSD		T 0.000	T 0.576	M 0.521
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.242%	68.059%	0.175
%RSD		0.790	0.594	49.290
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-1.135	49.870	-23.840
%RSD		69.870	0.690	10.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		16.790	34.760	0.121
%RSD		0.267	1.860	1.557
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.900	0.768	2.269
%RSD		7.218	12.180	0.432
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		68.940%	1.522	0.472
%RSD		0.495	3.226	14.170
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.414	M 884.900	1.042
%RSD		22.610	M 0.393	5.463
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.942
%RSD		0.000	129.600	124.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	76.463%	0.023
%RSD		157.600	0.369	48.360
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.111	32.400	0.000
%RSD		14.500	0.290	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.516%	0.076	0.066
%RSD		0.337	10.900	6.475
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.033	89.487%	
%RSD		15.230	0.423	

240-17822 -d-6-a, 11/29/2012 17:41:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.964%	0.007	94.620
%RSD		0.319	98.300	0.964
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 19720.000	35290.000	33.380
%RSD		T 0.659	1.392	3.378
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5527.000	M 150200.000
%RSD		T 0.000	T 0.785	M 0.343
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.318%	63.726%	0.057
%RSD		0.521	0.556	163.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-11.490	M 422.100	24.630
%RSD		5.286	M 0.606	9.252
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.736	-35.350	0.099
%RSD		0.724	0.636	2.332
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.585	0.983	2.458
%RSD		2.874	6.284	8.542
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.542%	1.209	0.385
%RSD		0.875	4.514	10.710
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.276	M 614.300	12.560
%RSD		3.420	M 0.387	1.829
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	4.143
%RSD		0.000	270.000	40.490
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	74.033%	0.070
%RSD		354.000	0.322	11.580
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.246	26.220	0.000
%RSD		5.681	1.088	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.992%	0.117	0.056
%RSD		0.541	3.154	2.794
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.010	89.070%	
%RSD		35.870	0.191	

240-17822 -d-7-a, 11/29/2012 17:47:13 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.154%	0.007	52.620
%RSD		0.358	57.660	0.988
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 29200.000	71720.000	29.400
%RSD		T 0.121	0.294	9.455
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4052.000	M 166700.000
%RSD		T 0.000	T 0.371	M 0.331
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.036%	65.435%	0.071
%RSD		0.356	0.306	246.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.378	2.261	-28.160
%RSD		37.680	0.677	2.082
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		20.310	39.850	0.129
%RSD		0.476	2.107	2.286
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.947	0.775	2.458
%RSD		8.934	9.730	6.914
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.656%	1.561	0.527
%RSD		1.195	14.460	19.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.309	M 920.700	-0.409
%RSD		30.550	M 0.436	16.470
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	0.608
%RSD		0.000	787.100	48.570
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.016	74.691%	0.076
%RSD		59.760	0.385	3.783
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.125	33.280	0.000
%RSD		27.350	0.716	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.822%	0.059	0.051
%RSD		0.435	14.030	11.130
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.029	87.663%	
%RSD		7.220	0.608	

240-17822 -d-8-a, 11/29/2012 17:52:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.581%	0.003	10.210
%RSD		0.471	101.300	0.326
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 18540.000	703.400	43.680
%RSD		T 0.574	3.503	6.221
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4587.000	M 264300.000
%RSD		T 0.000	T 0.693	M 0.247
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.797%	56.672%	0.067
%RSD		0.433	0.692	180.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-12.090	M 412.700	16.860
%RSD		8.319	M 0.248	18.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		15.390	-73.620	0.256
%RSD		0.388	0.092	9.874
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.817	1.197	1.005
%RSD		11.350	4.519	9.945
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.158%	1.174	0.418
%RSD		0.182	10.660	12.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.165	M 986.300	2.125
%RSD		9.138	M 0.557	4.177
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	0.846
%RSD		0.000	79.660	91.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.008	68.618%	0.073
%RSD		49.980	0.571	6.913
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.061	26.370	0.000
%RSD		25.780	0.545	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.985%	0.089	0.043
%RSD		0.514	18.200	21.530
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.002	84.876%	
%RSD		233.900	0.603	

CCV 6 11/29/2012 17:58:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.171%	109.804%	103.738%
%RSD		0.801	0.287	0.519
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 100.994%	107.677%	103.703%
%RSD		┬ 0.613	0.063	0.639
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬ 0.000	┬ 108.313%	108.091%
%RSD		┬ 0.000	┬ 1.007	0.509
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.861%	64.221%	99.079%
%RSD		1.304	0.868	4.661
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.680%	97.320%	-25.540
%RSD		0.174	0.767	2.361
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 108.143%	┬ 101.442%	94.956%
%RSD		┬ 0.466	┬ 0.815	0.243
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		94.848%	94.796%	101.130%
%RSD		0.522	1.039	1.310
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.683%	95.544%	-0.622
%RSD		1.330	0.332	20.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.351%	100.123%	101.584%
%RSD		0.792	0.363	0.980
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.260%	63.630
%RSD		0.000	0.336	10.480
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.555%	73.848%	104.735%
%RSD		0.519	0.857	0.923
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		105.443%	99.644%	0.000
%RSD		0.338	0.728	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.023%	104.219%	90.294%
%RSD		1.252	1.041	0.834
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.040%	87.295%	
%RSD		1.038	0.313	

CCB 6 11/29/2012 18:04:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.844%	0.062	0.233
%RSD		0.985	16.140	23.990
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-3.505	14.980	0.971
%RSD		32.340	21.300	58.760
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	28.060	35.690
%RSD		T 0.000	3.894	14.610
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.031%	60.167%	0.006
%RSD		0.878	0.711	2564.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.473	-0.237	-36.330
%RSD		20.310	6.127	1.693
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.238	10.590	0.045
%RSD		8.384	12.520	9.333
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.055	0.065	0.583
%RSD		26.740	35.370	42.030
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.228%	-0.307	-0.072
%RSD		1.210	28.440	38.190
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.049	0.189	-0.200
%RSD		99.840	2.680	38.380
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.040	1.161
%RSD		0.000	10.030	31.090
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.043	73.035%	0.167
%RSD		40.160	0.455	12.590
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.138	0.093	0.000
%RSD		4.153	16.350	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.016%	0.687	0.283
%RSD		0.367	10.510	11.430
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.049	95.062%	
%RSD		4.321	0.292	

240-17822 -d-9-a, 11/29/2012 18:10:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.660%	0.019	52.590
%RSD		0.502	18.700	0.920
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 27920.000	70020.000	28.070
%RSD		T 0.471	0.472	3.829
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3635.000	M 151000.000
%RSD		T 0.000	T 5.812	M 6.187
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 82.828%	64.378%	0.155
%RSD		T 6.394	0.953	202.400
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.145	0.194	-32.860
%RSD		243.200	13.220	2.184
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		15.580	27.030	0.123
%RSD		5.843	7.656	7.763
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.849	0.675	2.847
%RSD		10.680	11.040	15.540
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.467%	1.049	0.419
%RSD		1.119	16.330	31.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.215	M 908.100	-0.391
%RSD		19.230	M 0.882	15.200
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.011	-0.011
%RSD		0.000	77.360	5854.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.014	73.405%	0.145
%RSD		81.310	0.931	10.580
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.132	32.330	0.000
%RSD		15.440	0.257	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.035%	0.217	0.142
%RSD		1.461	4.435	2.326
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.033	87.218%	
%RSD		21.060	0.673	

240-17879 -c-1-a, 11/29/2012 18:15:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.588%	0.018	58.500
%RSD		0.556	22.290	2.099
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 27000.000	66690.000	78.190
%RSD		T 0.982	0.710	2.818
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4140.000	M 154700.000
%RSD		T 0.000	T 0.530	M 0.370
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.039%	63.235%	0.618
%RSD		0.275	0.671	11.790
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.383	7.936	-29.470
%RSD		58.200	1.190	3.180
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		23.180	86.720	0.142
%RSD		0.440	2.405	8.104
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.869	0.717	3.322
%RSD		9.313	5.222	8.033
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.850%	1.392	0.560
%RSD		0.831	7.919	14.080
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.505	M 858.000	-0.200
%RSD		22.010	M 0.423	15.220
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	-0.618
%RSD		0.000	74.130	97.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.023	72.947%	0.087
%RSD		26.400	1.353	0.883
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.113	31.850	0.000
%RSD		1.260	0.658	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.247%	0.132	0.102
%RSD		0.197	5.785	3.147
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.079	87.378%	
%RSD		2.509	0.616	

mb 240-66371/1-a, 11/29/2012 18:21:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.522%	0.009	0.149
%RSD		0.327	73.090	3.480
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		25.660	55.680	1.791
%RSD		4.087	8.358	9.114
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	17.480	211.100
%RSD		T 0.000	2.992	6.072
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.068%	57.703%	-0.051
%RSD		0.528	0.543	77.750
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.122	-0.008	-28.600
%RSD		180.000	534.300	0.281
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.265	7.015	0.004
%RSD		3.326	1.274	105.000
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.009	0.711	7.019
%RSD		60.210	4.687	4.764
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.474%	0.064	0.389
%RSD		0.687	110.500	16.980
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.001	0.422	-0.845
%RSD		5214.000	2.636	2.889
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	0.078
%RSD		0.000	474.600	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.004	70.991%	0.070
%RSD		253.900	0.773	6.911
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.025	0.660	0.000
%RSD		52.600	9.574	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.309%	0.079	0.061
%RSD		0.319	9.514	14.580
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.040	93.383%	
%RSD		7.082	0.186	

lcs 240-66371/3-a, 11/29/2012 18:26:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.606%	M 1050.000	97.840
%RSD		0.533	M 0.454	0.540
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8567.000	10370.000	M 9399.000
%RSD		0.356	0.353	M 0.270
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 10090.000	9951.000
%RSD		T 0.000	T 0.754	0.475
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.027%	56.697%	93.320
%RSD		0.133	0.814	1.768
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 875.500	M 900.800	87.630
%RSD		M 0.537	M 0.334	8.910
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1017.000	T 9243.000	M 868.100
%RSD		TM 0.293	T 0.693	M 0.711
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 869.300	M 889.600	M 967.300
%RSD		M 0.797	M 0.679	M 0.301
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.238%	M 869.900	-4.803
%RSD		0.608	M 0.700	15.130
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 924.100	M 879.800	89.990
%RSD		M 0.888	M 0.261	1.261
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	96.430	498.700
%RSD		0.000	0.103	8.691
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 971.300	69.405%	97.190
%RSD		M 0.933	0.618	1.048
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.240	M 910.500	0.000
%RSD		0.868	M 0.712	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.368%	90.960	TM 220.200
%RSD		1.098	0.602	TM 0.198
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 979.400	90.234%	
%RSD		TM 0.038	0.536	

240-17723 -a-4-a, 11/29/2012 18:34:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.654%	0.331	45.290
%RSD		0.673	10.220	0.594
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 164700.000	73040.000	M 5171.000
%RSD		TM 0.786	1.199	M 0.971
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4595.000	M 224600.000
%RSD		T 0.000	T 0.372	M 0.294
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.754%	60.257%	176.500
%RSD		0.997	0.839	1.564
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		10.770	6.940	-42.190
%RSD		2.055	2.284	0.804
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 380.300	T 14650.000	2.906
%RSD		T 0.440	T 0.958	2.749
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		7.515	13.370	TM 269000.000
%RSD		2.001	3.932	TM 0.656
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.397%	4.830	0.195
%RSD		1.673	0.362	51.410
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.477	M 283.200	0.232
%RSD		13.910	M 0.519	54.370
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.032	12.100
%RSD		0.000	6.058	355.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		12.180	71.194%	2.886
%RSD		4.909	1.228	3.584
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.897	M 530.900	0.000
%RSD		2.674	M 0.335	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.347%	0.846	0.495
%RSD		1.146	12.680	8.578
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		165.700	83.801%	
%RSD		0.302	0.863	

SD 240-17723 -a-4-a@5, 11/29/2012 18:39:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.613%	0.081	9.547
%RSD		0.400	12.570	1.516
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34980.000	15710.000	M 1089.000
%RSD		T 0.993	1.175	M 0.967
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	874.000	46510.000
%RSD		T 0.000	0.357	0.255
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.557%	59.893%	37.100
%RSD		0.216	1.172	5.007
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.624	1.204	-36.260
%RSD		9.391	3.963	2.489
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		72.250	2752.000	0.612
%RSD		0.231	0.493	2.676
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.624	2.957	TM 58930.000
%RSD		5.810	5.059	TM 0.680
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		63.933%	0.733	-0.089
%RSD		0.878	5.820	31.870
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.128	55.850	-0.613
%RSD		50.230	0.664	3.784
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.011	0.515
%RSD		0.000	44.760	801.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.681	72.056%	0.595
%RSD		2.267	0.127	6.209
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.464	107.700	0.000
%RSD		10.990	1.267	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.506%	0.293	0.219
%RSD		0.400	1.565	2.256
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		33.230	90.837%	
%RSD		0.435	0.347	

240-17723 -a-4-d ms, 11/29/2012 18:45:01 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		63.237%	M 955.000	137.000
%RSD		0.446	M 0.132	0.727
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 176600.000	83780.000	M 13210.000
%RSD		TM 1.244	0.772	M 0.698
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13930.000	M 237700.000
%RSD		T 0.000	T 0.933	M 0.240
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.701%	59.609%	M 218.500
%RSD		0.308	0.623	M 2.095
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 864.100	M 860.100	79.040
%RSD		M 0.888	M 0.689	4.699
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1325.000	T 23060.000	M 819.500
%RSD		TM 0.534	T 1.305	M 0.536
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 800.500	M 804.600	TM 270000.000
%RSD		M 0.456	M 0.503	TM 0.493
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.141%	M 852.300	-4.584
%RSD		0.615	M 0.850	3.522
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 831.800	M 1158.000	90.740
%RSD		M 0.803	M 0.243	1.558
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	85.480	567.900
%RSD		0.000	0.989	7.362
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 895.300	71.007%	94.910
%RSD		M 0.414	1.367	0.198
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		92.550	M 1412.000	0.000
%RSD		0.533	M 1.004	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.958%	90.090	TM 222.300
%RSD		0.276	1.122	TM 0.194
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1143.000	83.695%	
%RSD		TM 0.067	1.067	

240-17723 -a-4-e msd, 11/29/2012 18:52:14 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.565%	M 942.700	133.800
%RSD		0.486	M 0.812	1.068
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 170900.000	80220.000	M 12170.000
%RSD		TM 0.240	0.496	M 0.207
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13050.000	M 231300.000
%RSD		T 0.000	T 0.530	M 0.402
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.474%	58.416%	195.500
%RSD		0.777	1.185	1.488
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 849.000	M 844.500	74.030
%RSD		M 0.291	M 0.247	7.603
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1304.000	T 22190.000	M 807.200
%RSD		TM 0.048	T 0.518	M 1.159
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 784.800	M 788.800	TM 264500.000
%RSD		M 0.793	M 0.204	TM 0.527
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.861%	M 840.800	-4.031
%RSD		1.677	M 0.882	5.980
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 823.100	M 1133.000	88.750
%RSD		M 1.178	M 1.085	0.685
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	82.830	545.000
%RSD		0.000	0.657	28.750
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 869.300	70.821%	91.880
%RSD		M 0.306	1.049	0.606
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.030	M 1376.000	0.000
%RSD		0.281	M 0.480	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.979%	89.150	TM 220.900
%RSD		1.151	0.551	TM 0.439
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1129.000	82.927%	
%RSD		TM 0.659	0.607	

240-17677-b-6-a, 11/29/2012 18:59:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.046%	0.246	76.270
%RSD		0.736	10.880	0.758
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13650.000	56030.000	12.640
%RSD		0.504	0.656	9.356
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2269.000	M 101300.000
%RSD		T 0.000	T 0.688	M 0.662
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.222%	58.883%	0.744
%RSD		0.680	0.789	37.240
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.340	0.190	-38.680
%RSD		74.160	20.750	2.380
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		33.990	2079.000	27.520
%RSD		0.521	0.548	0.964
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.285	0.853	39.950
%RSD		4.709	10.350	21.890
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.610%	12.580	0.435
%RSD		1.120	1.512	21.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.439	TM 6306.000	43.900
%RSD		7.014	TM 0.626	0.826
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.018	6.508
%RSD		0.000	19.700	33.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.097	71.146%	0.335
%RSD		21.710	0.550	12.420
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.461	54.240	0.000
%RSD		12.830	0.319	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.231%	1.976	0.573
%RSD		0.948	3.315	7.921
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.187	88.179%	
%RSD		13.360	0.519	

240-17677 -b-7-a, 11/29/2012 19:04:58 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.233%	0.097	0.620
%RSD		0.929	16.760	2.246
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		51.050	17.120	2.408
%RSD		19.860	54.160	25.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-2.799	58.270
%RSD		T 0.000	5.328	7.630
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.195%	56.074%	-0.001
%RSD		0.411	0.449	20510.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.511	-0.062	-31.840
%RSD		53.550	104.300	0.799
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.299	5.062	0.055
%RSD		3.608	21.320	113.900
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.065	0.258	15.800
%RSD		83.800	31.860	101.200
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.364%	-0.125	0.287
%RSD		0.338	55.540	3.215
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.165	0.747	-0.275
%RSD		69.310	69.500	11.090
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.644
%RSD		0.000	204.400	59.630
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.037	68.680%	0.173
%RSD		97.680	1.013	24.850
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.251	0.121	0.000
%RSD		3.259	66.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		82.883%	0.373	0.294
%RSD		0.291	7.666	2.413
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.043	92.576%	
%RSD		136.300	0.515	

CCV 7 11/29/2012 19:10:27 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.098%	113.121%	107.238%
%RSD		0.550	0.440	1.286
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 101.953%	108.750%	104.662%
%RSD		T 0.991	0.485	0.704
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 108.128%	107.557%
%RSD		T 0.000	T 0.007	0.419
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		72.658%	60.425%	102.269%
%RSD		0.937	1.781	2.645
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.715%	98.131%	-29.850
%RSD		1.073	0.448	8.956
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 108.123%	T 103.290%	96.889%
%RSD		T 0.370	T 0.600	0.141
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		96.170%	95.985%	104.516%
%RSD		1.161	0.813	1.143
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		62.952%	96.414%	-0.730
%RSD		1.185	0.562	26.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.544%	101.316%	103.428%
%RSD		0.899	0.463	0.850
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	100.836%	81.950
%RSD		0.000	0.738	45.830
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		104.644%	70.704%	105.064%
%RSD		0.556	0.827	1.294
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		106.555%	99.571%	0.000
%RSD		0.734	0.074	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		85.108%	105.066%	91.312%
%RSD		1.301	1.071	1.024
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		101.768%	84.871%	
%RSD		0.751	0.317	

CCB 7 11/29/2012 19:17:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.153%	0.080	0.194
%RSD		0.368	9.701	7.368
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-0.478	20.350	1.147
%RSD		172.700	22.810	67.970
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	28.920	43.050
%RSD		T 0.000	0.922	5.341
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		71.642%	55.967%	0.116
%RSD		0.452	1.085	35.740
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.622	-0.244	-39.740
%RSD		34.800	5.855	0.662
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.254	11.480	0.058
%RSD		3.404	8.573	17.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.016	0.064	1.387
%RSD		321.700	63.420	6.235
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		60.688%	-0.433	-0.127
%RSD		0.312	13.480	15.850
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.086	0.193	-0.166
%RSD		77.240	11.780	80.120
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.048	0.654
%RSD		0.000	12.390	160.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.058	68.972%	0.190
%RSD		24.910	0.301	5.266
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.232	0.074	0.000
%RSD		13.070	40.530	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		82.420%	0.739	0.397
%RSD		0.347	9.587	5.270
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.055	91.402%	
%RSD		5.097	0.545	

240-17729 -a-1-a, 11/29/2012 19:22:56 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.633%	0.043	M 1130.000
%RSD		0.628	17.000	M 0.465
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 120800.000	73760.000	69.690
%RSD		TM 0.308	0.273	5.057
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 25380.000	M 102600.000
%RSD		T 0.000	T 0.661	M 1.042
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.503%	63.719%	1.620
%RSD		0.885	1.456	36.340
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-4.271	169.700	-13.040
%RSD		20.410	0.582	22.990
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		32.030	75.270	0.145
%RSD		0.777	3.751	10.700
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.109	0.800	8.242
%RSD		7.258	0.590	22.870
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.951%	1.405	0.448
%RSD		1.665	5.150	10.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.551	M 898.400	142.200
%RSD		2.119	M 0.307	0.758
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.017	20.200
%RSD		0.000	33.260	27.920
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.067	72.714%	0.273
%RSD		38.170	0.323	5.889
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.807	19.810	0.000
%RSD		4.125	0.307	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.507%	0.587	0.254
%RSD		1.205	1.957	2.312
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.344	84.813%	
%RSD		2.562	0.600	

240-17729 -b-2-a, 11/29/2012 19:28:25 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.245%	0.049	M 1080.000
%RSD		0.375	29.310	M 0.640
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 115600.000	70490.000	11.830
%RSD		TM 0.699	1.092	12.720
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22960.000	91140.000
%RSD		T 0.000	T 5.862	6.414
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.527%	65.839%	0.089
%RSD		T 6.038	0.602	134.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-4.301	163.000	-12.950
%RSD		17.210	0.335	19.990
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		16.560	-18.550	0.114
%RSD		5.994	4.329	10.770
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.063	0.666	5.684
%RSD		15.200	10.800	21.850
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.545%	1.252	0.355
%RSD		0.978	9.002	19.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.737	M 854.000	139.700
%RSD		3.191	M 0.589	1.213
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	22.090
%RSD		0.000	40.030	2.183
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.047	74.585%	0.095
%RSD		56.630	0.272	16.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.615	18.860	0.000
%RSD		0.478	2.452	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.520%	0.439	0.190
%RSD		0.493	4.955	6.149
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.068	86.716%	
%RSD		0.746	0.522	

240-17729 -a-3-a, 11/29/2012 19:33:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.411%	0.016	M 4472.000
%RSD		0.266	24.360	M 0.519
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 102600.000	33880.000	45.310
%RSD		TM 0.323	0.737	2.716
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22440.000	31430.000
%RSD		T 0.000	T 0.336	0.531
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.252%	63.071%	0.723
%RSD		0.444	0.160	39.280
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-5.091	159.900	-8.985
%RSD		11.000	0.592	25.990
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 991.300	328.000	2.500
%RSD		T 0.207	0.562	0.880
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.361	1.452	5.705
%RSD		4.851	8.666	6.060
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.289%	0.608	0.331
%RSD		0.384	20.610	23.560
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.483	M 266.000	M 213.500
%RSD		2.963	M 0.475	M 1.602
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	26.850
%RSD		0.000	0.937	15.650
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.199	73.272%	0.126
%RSD		18.610	0.718	13.180
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.010	44.520	0.000
%RSD		2.672	0.990	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.077%	0.400	0.157
%RSD		0.444	1.675	7.914
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.088	87.162%	
%RSD		8.433	0.474	

240-17729 -b-4-a, 11/29/2012 19:39:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.257%	0.011	M 4491.000
%RSD		0.413	60.070	M 0.752
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 61660.000	32000.000	21.700
%RSD		T 0.573	0.804	5.224
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 19780.000	19540.000
%RSD		T 0.000	T 5.977	6.085
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.070%	63.986%	0.280
%RSD		T 6.538	0.396	37.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-5.629	195.500	-4.670
%RSD		7.984	0.866	31.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		66.710	20.340	0.242
%RSD		7.253	1.796	18.700
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.631	0.812	2.761
%RSD		20.600	9.496	11.120
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.803%	0.515	0.297
%RSD		0.136	13.070	15.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		10.050	186.100	M 237.100
%RSD		6.667	0.349	M 0.949
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	34.520
%RSD		0.000	242.100	27.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.023	74.548%	0.094
%RSD		115.500	0.357	13.840
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.105	47.670	0.000
%RSD		5.439	1.285	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.408%	0.412	0.125
%RSD		0.715	3.105	5.641
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.029	90.162%	
%RSD		9.667	0.233	

240-17729 -a-5-a, 11/29/2012 19:44:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.527%	0.017	M 292.900
%RSD		0.314	30.440	M 0.963
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 464300.000	6.496	M 1430.000
%RSD		TM 0.230	24.810	M 0.796
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 104900.000	32950.000
%RSD		T 0.000	TM 0.179	0.415
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.526%	62.123%	0.275
%RSD		1.045	1.077	153.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		64.810	144.900	-8.827
%RSD		1.072	0.586	30.160
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.119	-8.620	0.240
%RSD		2.932	2.442	7.277
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		23.840	3.515	3.311
%RSD		1.925	5.794	5.654
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.181%	54.590	0.292
%RSD		0.885	0.302	37.190
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.764	M 1130.000	M 351.700
%RSD		6.558	M 0.333	M 0.542
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	38.920
%RSD		0.000	288.600	25.540
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.068	70.182%	0.153
%RSD		17.600	0.679	2.891
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.399	23.370	0.000
%RSD		0.534	1.158	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.620%	1.561	0.160
%RSD		0.588	3.160	4.760
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		34.970	77.620%	
%RSD		0.487	0.194	

240-17729-b-6-a, 11/29/2012 19:50:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.593%	0.005	M 260.200
%RSD		0.777	49.270	M 1.581
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 443300.000	3.985	M 1364.000
%RSD		TM 0.175	34.540	M 0.554
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 100900.000	30870.000
%RSD		T 0.000	TM 0.944	0.650
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.877%	62.883%	0.207
%RSD		0.367	0.237	63.030
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		61.900	134.500	-14.300
%RSD		0.507	0.386	5.477
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.103	-7.016	0.228
%RSD		14.720	4.992	5.831
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		22.630	3.419	1.214
%RSD		2.279	7.211	5.068
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.470%	52.680	0.243
%RSD		0.848	0.460	16.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.425	M 1051.000	M 334.900
%RSD		4.266	M 0.342	M 0.346
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	37.680
%RSD		0.000	346.000	19.180
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.067	71.492%	0.100
%RSD		41.280	1.144	13.290
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.283	22.230	0.000
%RSD		0.556	1.037	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.134%	1.443	0.136
%RSD		0.558	1.290	2.216
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		32.160	78.737%	
%RSD		1.045	0.227	

240-17729 -a-7-a, 11/29/2012 19:56:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.593%	0.001	M 209.400
%RSD		1.584	578.500	M 2.390
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 184300.000	261.000	M 1215.000
%RSD		TM 0.654	2.179	M 0.387
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 80550.000	51200.000
%RSD		T 0.000	T 0.388	0.227
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 90.802%	65.019%	1.160
%RSD		T 0.378	1.387	19.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		80.060	M 236.600	1.336
%RSD		0.404	M 0.926	36.320
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.851	3.631	0.189
%RSD		2.071	12.850	10.670
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		9.484	2.328	1.383
%RSD		1.234	0.672	19.060
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.314%	6.630	0.308
%RSD		1.213	1.435	11.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.268	TM 1599.000	M 239.100
%RSD		6.211	TM 0.994	M 0.236
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	31.680
%RSD		0.000	35.350	26.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.041	75.308%	0.283
%RSD		93.800	0.394	10.320
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.797	44.520	0.000
%RSD		1.441	0.654	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.470%	1.457	0.133
%RSD		1.023	0.600	6.745
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.821	85.052%	
%RSD		2.179	0.515	

240-17729 -b-8-a, 11/29/2012 20:01:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.433%	0.003	M 203.100
%RSD		1.813	212.100	M 1.295
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 184900.000	9.883	M 1128.000
%RSD		TM 0.979	37.090	M 0.202
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 81750.000	53710.000
%RSD		T 0.000	T 0.521	0.244
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.857%	65.757%	0.168
%RSD		T 0.375	0.662	147.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		79.980	M 245.500	6.346
%RSD		0.740	M 0.470	36.140
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.054	-18.250	0.177
%RSD		18.580	0.441	4.368
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		8.689	1.998	0.938
%RSD		4.173	6.268	16.530
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.279%	6.040	0.314
%RSD		0.130	2.025	20.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.989	TM 1668.000	M 235.600
%RSD		2.906	TM 0.875	M 1.270
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	31.050
%RSD		0.000	310.500	25.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.056	75.485%	0.048
%RSD		64.530	0.286	2.598
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.672	45.960	0.000
%RSD		7.043	1.477	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.754%	1.494	0.123
%RSD		0.153	1.004	4.297
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.153	84.655%	
%RSD		4.125	0.452	

240-17806 -i-3-a, 11/29/2012 20:07:08 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.447%	0.886	126.200
%RSD		0.342	3.448	0.417
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25220.000	M 146600.000	M 22390.000
%RSD		T 1.549	M 0.371	M 0.618
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8397.000	TM 310500.000
%RSD		T 0.000	T 0.286	TM 1.008
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 90.717%	65.766%	M 230.700
%RSD		T 0.602	0.875	M 7.869
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		33.980	22.960	-29.260
%RSD		0.743	0.315	1.926
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1778.000	T 23270.000	9.323
%RSD		TM 0.572	T 0.681	1.471
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		17.860	12.870	52.940
%RSD		1.407	0.340	1.003
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.327%	6.431	0.517
%RSD		1.137	2.099	14.370
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.684	TM 1259.000	3.478
%RSD		3.340	TM 0.244	11.890
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.031	-3.607
%RSD		0.000	19.630	76.840
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.064	75.272%	1.130
%RSD		20.480	0.702	1.233
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.197	92.920	0.000
%RSD		14.620	1.982	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.876%	0.348	0.291
%RSD		0.864	2.858	2.586
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		9.750	84.695%	
%RSD		1.432	0.268	

240-17806 -i-4-a, 11/29/2012 20:12:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.797%	0.019	M 1116.000
%RSD		0.205	12.190	M 0.220
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 420000.000	M 415100.000	491.400
%RSD		TM 0.329	M 0.382	0.377
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4907.000	TM 477100.000
%RSD		T 0.000	T 1.260	TM 0.274
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 90.774%	68.660%	4.981
%RSD		T 0.572	0.738	5.579
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.151	1.364	-29.420
%RSD		200.100	0.718	3.859
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		123.000	418.900	0.378
%RSD		0.281	0.811	0.760
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.350	1.073	5.373
%RSD		3.254	7.511	0.662
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.513%	3.734	0.652
%RSD		1.205	0.834	8.069
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.150	TM 3902.000	0.973
%RSD		62.040	TM 0.450	11.220
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.889
%RSD		0.000	41.720	130.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.016	74.361%	0.132
%RSD		46.730	0.177	8.661
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.047	11.960	0.000
%RSD		47.170	2.964	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.712%	0.074	0.091
%RSD		0.686	9.325	2.918
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.319	75.212%	
%RSD		2.681	0.530	

CCV 8 11/29/2012 20:18:10 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.588%	116.258%	115.352%
%RSD		0.151	0.366	0.249
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.141%	107.912%	106.464%
%RSD		T 0.518	0.741	1.039
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 94.410%	95.942%
%RSD		T 0.000	T 0.451	0.538
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.832%	59.519%	98.001%
%RSD		T 0.512	0.635	3.429
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.992%	97.180%	-25.810
%RSD		0.627	0.296	2.132
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 95.865%	T 102.668%	95.550%
%RSD		T 0.419	T 0.339	0.500
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		94.990%	93.800%	106.945%
%RSD		0.371	0.481	0.467
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.330%	96.019%	-0.836
%RSD		0.466	0.738	29.370
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		102.224%	103.129%	103.241%
%RSD		2.243	0.866	0.012
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.122%	53.850
%RSD		0.000	0.409	33.480
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.913%	70.826%	104.999%
%RSD		1.308	1.272	0.679
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.061%	101.298%	0.000
%RSD		0.266	0.723	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.705%	102.877%	90.826%
%RSD		0.502	1.057	1.024
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.527%	84.174%	
%RSD		0.617	0.376	

CCB 8 11/29/2012 20:24:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.222%	0.098	2.937
%RSD		0.260	15.240	2.273
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		11.200	30.060	1.238
%RSD		5.518	26.610	29.730
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	36.450	61.850
%RSD		T 0.000	12.500	22.630
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 85.127%	56.709%	-0.026
%RSD		T 6.860	0.397	410.700
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.441	-0.182	-32.360
%RSD		31.610	17.240	3.986
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.318	13.640	0.061
%RSD		12.290	6.742	26.220
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.054	0.053	2.554
%RSD		17.720	84.540	8.538
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		61.146%	-0.094	-0.107
%RSD		0.666	136.300	39.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.057	0.298	0.149
%RSD		95.990	5.148	101.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.045	0.281
%RSD		0.000	8.570	238.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.034	70.360%	0.156
%RSD		51.310	0.567	21.100
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.171	0.089	0.000
%RSD		2.866	36.210	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		82.227%	0.670	0.309
%RSD		0.078	11.260	7.022
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.059	90.865%	
%RSD		2.068	0.289	

ICSA 11/29/2012 20:30:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.120%	0.008	2.097
%RSD		1.358	30.600	7.563
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50960.000	54010.000	M 50940.000
%RSD		T 0.334	0.493	M 0.641
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 52940.000	54460.000
%RSD		T 0.000	T 0.677	0.702
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.291%	57.620%	M 1026.000
%RSD		0.850	1.021	M 1.042
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.275	0.463	-25.860
%RSD		86.860	2.989	3.079
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.272	TM 51110.000	0.064
%RSD		2.565	TM 0.680	6.388
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.370	0.351	1.371
%RSD		17.460	6.787	5.707
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.494%	0.484	-0.268
%RSD		1.255	7.188	2.387
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.040	0.251	M 978.900
%RSD		152.800	21.130	M 0.772
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.042	133.900
%RSD		0.000	9.816	5.615
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.043	69.816%	0.182
%RSD		99.790	0.525	8.912
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.197	0.112	0.000
%RSD		4.054	19.590	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.921%	0.278	0.156
%RSD		1.120	5.256	8.129
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.148	83.425%	
%RSD		4.785	1.427	

ICSAB 11/29/2012 20:35:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.558%	114.569%	108.844%
%RSD		0.425	1.000	1.260
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.504%	108.379%	M 101.280%
%RSD		T 0.835	0.299	M 0.177
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 107.788%	109.729%
%RSD		T 0.000	T 1.034	0.311
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.110%	59.777%	M 102.607%
%RSD		0.656	1.001	M 0.353
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.718%	98.023%	-15.990
%RSD		0.675	0.557	9.966
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		99.796%	TM 102.862%	94.116%
%RSD		0.543	TM 0.875	0.322
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.185%	92.191%	102.995%
%RSD		1.423	0.784	1.875
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.629%	94.997%	0.015
%RSD		0.316	0.529	461.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.129%	99.576%	M 99.431%
%RSD		1.688	1.231	M 1.669
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.769%	191.600
%RSD		0.000	0.727	8.290
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.638%	71.428%	105.301%
%RSD		0.211	0.470	0.256
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		105.451%	101.941%	0.000
%RSD		0.401	1.016	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.649%	102.399%	91.940%
%RSD		1.430	0.764	0.316
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.728%	85.473%	
%RSD		0.472	0.691	

CCV 11/29/2012 20:42:59 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.922%	116.497%	111.532%
%RSD		0.720	0.636	1.756
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 101.326%	107.493%	105.933%
%RSD		T 0.392	0.708	1.595
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 97.465%	99.668%
%RSD		T 0.000	T 7.209	7.018
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 85.692%	58.727%	103.966%
%RSD		T 6.550	0.090	4.909
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.452%	97.504%	-29.330
%RSD		1.021	0.491	4.766
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 100.461%	T 103.220%	95.680%
%RSD		T 6.629	T 0.716	1.264
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		95.067%	94.243%	106.638%
%RSD		0.772	0.401	1.240
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		60.903%	96.220%	-0.766
%RSD		0.240	0.195	35.230
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		102.100%	102.277%	116.451%
%RSD		1.579	1.058	0.341
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	99.658%	81.050
%RSD		0.000	0.688	78.010
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		102.491%	70.011%	104.582%
%RSD		0.744	0.377	0.791
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		105.916%	100.975%	0.000
%RSD		0.458	0.362	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		83.801%	104.641%	91.301%
%RSD		0.389	0.441	0.257
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		100.661%	84.556%	
%RSD		0.540	0.162	

CCB 11/29/2012 20:50:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.577%	0.094	1.445
%RSD		0.399	2.894	3.754
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		19.820	42.560	2.578
%RSD		7.540	12.590	29.740
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	41.240	69.820
%RSD		T 0.000	1.689	11.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		76.210%	55.684%	0.049
%RSD		0.888	0.700	549.400
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.556	-0.239	-36.280
%RSD		10.870	4.312	0.871
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.360	15.770	0.072
%RSD		4.290	7.460	17.190
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.052	0.066	2.597
%RSD		38.600	24.540	5.747
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		60.642%	-0.247	-0.100
%RSD		0.481	13.130	64.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.114	0.351	2.235
%RSD		76.380	4.362	15.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.055	1.345
%RSD		0.000	22.780	112.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.096	70.198%	0.166
%RSD		23.080	0.015	18.500
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.241	0.117	0.000
%RSD		9.907	50.010	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		81.670%	0.836	0.373
%RSD		0.462	7.220	5.462
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.067	91.756%	
%RSD		5.760	0.080	

mb 240-66372/1-a, 11/29/2012 20:55:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.067%	0.021	1.081
%RSD		0.655	64.700	3.801
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		3.237	16.250	5.625
%RSD		66.430	4.839	11.030
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	9.460	18.680
%RSD		T 0.000	18.220	14.730
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.404%	55.610%	0.072
%RSD		0.250	0.587	339.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.511	-0.219	-34.320
%RSD		30.530	8.090	1.604
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.109	8.957	0.028
%RSD		14.300	12.050	9.942
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.007	0.177	2.067
%RSD		2.972	33.570	4.058
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.305%	-0.262	0.331
%RSD		0.401	21.290	17.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.032	0.062	0.602
%RSD		210.600	21.540	14.520
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.032	0.466
%RSD		0.000	25.770	252.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.011	69.885%	0.108
%RSD		78.350	0.214	21.430
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.104	0.039	0.000
%RSD		11.210	15.680	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.591%	0.313	0.200
%RSD		0.484	5.484	2.577
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.023	91.532%	
%RSD		14.290	0.101	

Ics 240-66372/2-a, 11/29/2012 21:01:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.610%	M 1147.000	107.900
%RSD		0.636	M 0.401	0.470
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8767.000	10590.000	M 9895.000
%RSD		0.463	0.122	M 0.249
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 10100.000	10160.000
%RSD		T 0.000	T 0.391	0.104
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.052%	54.304%	95.200
%RSD		0.231	0.303	1.795
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 914.800	M 934.200	95.890
%RSD		M 0.473	M 0.604	4.975
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1058.000	T 9677.000	M 900.400
%RSD		TM 0.261	T 0.637	M 0.700
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 902.400	M 916.800	M 1002.000
%RSD		M 0.425	M 0.164	M 0.297
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.514%	M 903.200	-5.032
%RSD		1.122	M 0.674	6.119
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 971.600	M 924.900	93.950
%RSD		M 0.502	M 0.851	0.863
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.950	695.900
%RSD		0.000	0.627	8.287
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1000.000	67.998%	100.700
%RSD		M 0.864	0.746	0.670
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.700	M 952.800	0.000
%RSD		0.705	M 0.562	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.391%	94.840	TM 232.200
%RSD		0.922	1.659	TM 0.613
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1017.000	88.133%	
%RSD		TM 0.711	0.530	

240-17677 -b-1-a, 11/29/2012 21:08:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.653%	0.196	22.870
%RSD		0.493	8.146	0.822
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14030.000	81160.000	52.730
%RSD		0.341	0.602	0.366
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2131.000	78730.000
%RSD		T 0.000	T 0.511	0.280
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.878%	56.566%	1.245
%RSD		0.096	0.200	24.310
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.151	0.745	-31.120
%RSD		187.400	3.430	1.828
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.834	34.160	0.324
%RSD		2.201	3.238	11.610
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.517	1.396	3.728
%RSD		5.275	7.734	1.230
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.987%	1.051	0.429
%RSD		0.520	3.027	12.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.060	M 507.400	43.590
%RSD		6.075	M 0.661	1.435
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.031	2.522
%RSD		0.000	25.440	89.770
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.290	68.389%	0.226
%RSD		22.530	0.583	7.778
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.479	61.450	0.000
%RSD		3.544	1.081	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		82.082%	0.925	0.582
%RSD		0.856	11.800	3.317
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.363	84.844%	
%RSD		9.986	0.500	

SD 240-17677 -b-1-a@5, 11/29/2012 21:14:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.808%	0.108	5.506
%RSD		0.817	28.400	2.879
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		3093.000	18030.000	12.510
%RSD		0.337	0.559	7.603
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	436.100	17110.000
%RSD		T 0.000	0.188	0.896
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		75.904%	55.033%	0.217
%RSD		0.400	0.357	33.240
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.156	0.245	-21.540
%RSD		320.400	4.511	2.623
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.444	8.075	0.093
%RSD		2.662	13.440	35.570
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.386	0.324	1.279
%RSD		28.940	13.740	3.607
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		59.540%	0.365	-0.016
%RSD		0.484	29.760	235.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.367	107.200	9.281
%RSD		16.600	0.390	1.226
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.011	2.747
%RSD		0.000	47.550	28.760
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.099	67.716%	0.115
%RSD		16.640	0.424	20.050
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.182	13.430	0.000
%RSD		8.983	1.730	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		80.712%	0.313	0.257
%RSD		0.500	7.504	2.012
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.093	88.058%	
%RSD		23.120	0.831	

240-17677 -b-1-b ms, 11/29/2012 21:19:40 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		63.732%	M 1122.000	129.900
%RSD		0.484	M 0.484	1.289
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 26060.000	95820.000	M 9869.000
%RSD		T 0.748	1.068	M 1.048
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12550.000	94620.000
%RSD		T 0.000	T 0.830	0.419
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.261%	54.183%	99.380
%RSD		0.197	0.443	4.260
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 929.900	M 938.700	101.500
%RSD		M 0.529	M 0.440	7.513
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1054.000	T 9933.000	TM 927.300
%RSD		TM 0.687	T 0.542	TM 5.177
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 882.800	M 887.800	M 969.900
%RSD		M 0.616	M 0.973	M 0.562
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.565%	M 918.200	-4.355
%RSD		0.309	M 0.645	15.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 962.500	TM 1595.000	140.900
%RSD		M 0.556	TM 0.618	1.533
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	96.570	500.300
%RSD		0.000	1.003	12.320
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 989.900	65.934%	101.100
%RSD		M 0.873	0.195	1.075
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.200	M 1028.000	0.000
%RSD		1.377	M 0.909	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.244%	99.470	TM 244.300
%RSD		0.435	1.224	TM 0.301
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1058.000	81.975%	
%RSD		TM 0.722	0.223	

240-17677 -b-1-c msd, 11/29/2012 21:26:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.161%	M 1114.000	129.400
%RSD		0.547	M 0.052	0.621
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25670.000	95070.000	M 9791.000
%RSD		T 0.574	0.440	M 0.453
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 12320.000	93200.000
%RSD		T 0.000	T 0.812	0.282
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.569%	53.863%	98.640
%RSD		0.626	0.805	0.651
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 920.300	M 926.500	94.540
%RSD		M 0.771	M 0.509	3.837
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1045.000	T 9639.000	TM 914.000
%RSD		TM 0.293	T 1.506	TM 5.326
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 867.900	M 871.800	M 946.600
%RSD		M 0.636	M 0.860	M 0.995
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		57.463%	M 900.500	-4.525
%RSD		0.677	M 1.072	5.142
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 945.100	TM 1563.000	139.100
%RSD		M 1.082	TM 1.165	1.138
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	94.490	435.500
%RSD		0.000	0.873	16.380
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 974.100	66.797%	100.500
%RSD		M 0.729	0.370	0.297
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.700	M 1013.000	0.000
%RSD		0.954	M 0.436	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.157%	98.070	TM 240.100
%RSD		1.198	0.275	TM 0.912
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1036.000	82.898%	
%RSD		TM 0.436	1.075	

CCV 9 11/29/2012 21:34:09 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		63.704%	118.650%	111.783%
%RSD		0.383	0.455	0.508
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.903%	107.538%	105.530%
%RSD		T 0.338	0.121	1.407
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 104.317%	107.589%
%RSD		T 0.000	T 0.704	0.453
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.293%	56.400%	103.848%
%RSD		0.494	0.792	2.363
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.484%	97.500%	-31.540
%RSD		0.923	0.547	13.450
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 107.962%	T 102.579%	95.689%
%RSD		T 0.209	T 0.780	0.998
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		94.639%	94.464%	104.985%
%RSD		1.091	1.079	0.357
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.220%	95.703%	-0.696
%RSD		1.079	0.277	26.190
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.758%	102.579%	103.559%
%RSD		1.585	0.898	0.960
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.255%	49.290
%RSD		0.000	0.487	31.120
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.117%	68.420%	104.437%
%RSD		0.631	1.226	0.601
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.792%	99.441%	0.000
%RSD		0.481	0.290	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.802%	104.546%	91.539%
%RSD		1.408	0.270	0.211
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.400%	83.195%	
%RSD		0.323	0.606	

CCB 9 11/29/2012 21:41:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.365%	0.122	0.867
%RSD		0.996	11.610	7.999
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18.420	45.020	2.800
%RSD		4.118	15.470	17.360
Run	**Time**	**35Cl**	**39K**	**43Ca**	
		ppb	ppb	ppb
x		T 0.000	40.690	61.170
%RSD		T 0.000	0.817	5.661
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.672%	53.029%	-0.013
%RSD		0.402	1.181	340.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.578	-0.250	-39.420
%RSD		90.270	0.483	3.969
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.389	16.950	0.086
%RSD		4.177	11.900	14.540
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.064	0.076	2.443
%RSD		7.322	24.220	3.915
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.079%	-0.298	-0.158
%RSD		0.859	50.180	20.090
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.219	0.349	0.180
%RSD		17.510	6.523	67.300
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.060	0.823
%RSD		0.000	10.660	269.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.096	67.693%	0.207
%RSD		15.260	0.627	15.960
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.329	0.119	0.000
%RSD		3.644	18.320	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.230%	0.921	0.529
%RSD		0.553	3.572	4.029
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.081	89.349%	
%RSD		5.284	0.173	

240-17677 -b-2-a, 11/29/2012 21:46:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.941%	0.028	41.950
%RSD		0.069	16.010	1.723
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10240.000	78340.000	9.391
%RSD		0.880	0.462	7.625
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2660.000	92250.000
%RSD		T 0.000	T 0.511	0.380
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.118%	55.590%	0.166
%RSD		0.772	0.900	49.110
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.578	-0.021	-31.890
%RSD		40.640	175.500	1.403
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		33.290	3201.000	0.475
%RSD		0.192	0.348	13.100
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.303	0.455	1.296
%RSD		6.584	11.630	17.200
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.009%	27.610	0.321
%RSD		0.810	1.195	8.307
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.039	TM 4193.000	53.330
%RSD		203.200	TM 0.338	0.564
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	6.029
%RSD		0.000	50.530	38.250
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.029	67.411%	0.140
%RSD		65.380	0.102	12.860
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.177	47.480	0.000
%RSD		24.110	0.147	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.823%	0.366	0.309
%RSD		0.954	4.762	5.394
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.103	84.320%	
%RSD		26.870	0.479	

240-17677 -b-3-a, 11/29/2012 21:52:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.075%	0.013	74.810
%RSD		0.134	33.850	0.188
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12950.000	53270.000	8.595
%RSD		1.041	1.333	12.940
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2081.000	95270.000
%RSD		T 0.000	T 0.095	0.315
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.702%	52.633%	0.236
%RSD		0.841	0.870	30.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.411	0.068	-37.170
%RSD		47.160	24.800	1.309
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		31.440	1942.000	25.930
%RSD		0.897	0.352	1.205
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.220	0.752	4.742
%RSD		3.167	8.725	4.007
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		57.229%	11.870	0.344
%RSD		0.525	1.203	13.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.211	TM 6039.000	41.010
%RSD		33.670	TM 0.504	1.574
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.020	6.256
%RSD		0.000	10.770	14.090
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.048	66.458%	0.096
%RSD		20.850	0.419	24.130
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.116	51.240	0.000
%RSD		12.320	1.021	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.738%	1.116	0.242
%RSD		0.571	1.383	5.629
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.118	84.969%	
%RSD		19.950	0.498	

240-17677 -b-4-a, 11/29/2012 21:57:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.749%	0.044	105.800
%RSD		0.514	20.290	1.236
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10140.000	50110.000	159.600
%RSD		0.480	0.958	1.917
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1510.000	98640.000
%RSD		T 0.000	T 0.843	0.315
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.199%	51.020%	3.768
%RSD		0.582	0.230	96.490
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.149	0.503	-38.570
%RSD		253.700	10.410	1.602
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		34.080	142.500	0.207
%RSD		0.572	0.116	9.299
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.753	0.879	2.905
%RSD		6.356	4.608	5.597
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.397%	0.504	0.349
%RSD		0.392	20.350	11.520
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.189	174.100	29.050
%RSD		45.740	0.874	0.861
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	2.215
%RSD		0.000	138.000	34.510
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.051	64.702%	0.095
%RSD		63.800	0.708	12.380
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.141	45.330	0.000
%RSD		4.140	0.768	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.335%	0.199	0.204
%RSD		0.519	5.342	1.928
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.124	82.612%	
%RSD		8.607	0.227	

240-17677 -b-5-a, 11/29/2012 22:03:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.056%	0.042	69.900
%RSD		0.605	27.520	0.256
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13780.000	M 101900.000	12.980
%RSD		1.227	M 0.954	8.937
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2889.000	88440.000
%RSD		T 0.000	T 0.388	0.338
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.114%	54.693%	0.267
%RSD		0.512	0.999	66.240
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.386	-0.048	-33.400
%RSD		25.540	20.470	1.429
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		17.410	2197.000	0.731
%RSD		0.158	0.389	2.611
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.205	0.233	2.232
%RSD		7.975	20.360	15.780
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		57.732%	24.470	0.419
%RSD		1.231	0.992	14.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.139	TM 18170.000	63.440
%RSD		68.530	TM 0.233	1.409
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	6.421
%RSD		0.000	184.200	33.730
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.008	67.500%	0.103
%RSD		246.200	0.237	17.850
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.078	42.130	0.000
%RSD		17.100	0.346	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		82.269%	0.138	0.151
%RSD		0.394	15.340	0.526
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.013	84.377%	
%RSD		16.640	0.542	

240-17781 -h-11 -a, 11/29/2012 22:08:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.417%	0.018	28.770
%RSD		0.485	17.080	1.525
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 40340.000	35680.000	5.511
%RSD		T 1.008	1.635	3.784
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1629.000	M 122700.000
%RSD		T 0.000	T 0.723	M 0.908
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		68.564%	49.822%	0.052
%RSD		0.094	0.670	228.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.478	-0.136	-38.860
%RSD		86.550	21.200	2.555
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		82.220	865.800	0.113
%RSD		0.423	0.828	15.780
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.436	0.305	2.101
%RSD		10.030	5.767	7.931
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.296%	2.768	0.349
%RSD		0.160	1.593	3.207
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.068	109.700	0.642
%RSD		95.300	1.436	12.570
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.300
%RSD		0.000	31.040	1298.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.314	63.237%	0.066
%RSD		6.687	1.436	14.740
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.054	137.700	0.000
%RSD		6.484	0.333	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		78.265%	0.122	0.122
%RSD		0.516	10.310	3.381
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.036	80.506%	
%RSD		15.170	0.694	

240-17781 -h-12 -a, 11/29/2012 22:14:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.736%	0.023	1.179
%RSD		0.127	20.770	9.287
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		824.200	46.130	50.320
%RSD		1.677	11.960	6.423
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	16.150	612.500
%RSD		T 0.000	1.641	2.009
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.627%	46.980%	0.289
%RSD		0.292	1.007	51.180
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.351	0.161	-30.090
%RSD		158.800	5.809	8.048
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.237	21.370	0.012
%RSD		2.512	2.980	62.040
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.007	1.173	1.853
%RSD		239.800	8.801	9.541
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.061%	-0.131	0.388
%RSD		0.500	73.220	6.749
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.065	2.706	-0.573
%RSD		78.060	15.020	6.925
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.334
%RSD		0.000	145.800	213.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.011	62.204%	0.102
%RSD		45.260	0.087	25.550
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.080	1.337	0.000
%RSD		14.170	4.316	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.878%	0.094	0.090
%RSD		0.665	8.699	7.918
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.041	86.258%	
%RSD		7.111	0.180	

240-17781 -h-14 -a, 11/29/2012 22:20:01 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.231%	0.021	32.100
%RSD		0.885	19.830	0.411
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50680.000	24100.000	11.680
%RSD		T 0.339	0.957	7.095
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1565.000	94850.000
%RSD		T 0.000	T 0.519	0.139
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.232%	46.070%	0.101
%RSD		0.800	0.149	317.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.498	-0.191	-40.820
%RSD		54.480	14.520	1.578
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		37.290	95.410	0.087
%RSD		0.286	0.738	11.560
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.357	0.311	1.583
%RSD		16.250	10.710	6.220
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.688%	0.438	0.332
%RSD		0.449	28.970	16.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.276	93.510	-0.057
%RSD		64.510	1.545	69.450
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.666
%RSD		0.000	16.080	152.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.004	60.197%	0.073
%RSD		115.100	0.714	14.480
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.087	18.300	0.000
%RSD		24.050	2.213	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.790%	0.100	0.088
%RSD		0.347	9.814	7.737
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.081	78.070%	
%RSD		2.123	0.898	

240-17781-h-15-a, 11/29/2012 22:25:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.074%	0.007	31.270
%RSD		0.308	18.330	2.400
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 48810.000	23340.000	9.282
%RSD		T 1.150	0.946	4.478
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1527.000	91970.000
%RSD		T 0.000	T 0.371	1.036
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.797%	45.602%	0.076
%RSD		0.215	0.785	63.130
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.619	-0.139	-41.230
%RSD		51.960	9.369	2.525
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		30.290	73.250	0.082
%RSD		0.240	2.042	17.120
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.397	0.220	2.373
%RSD		17.720	15.580	8.150
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.235%	0.287	0.288
%RSD		0.351	5.007	21.030
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.291	90.260	-0.227
%RSD		54.540	0.227	36.910
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.078
%RSD		0.000	14.280	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	59.551%	0.061
%RSD		202.300	0.155	15.770
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.108	17.010	0.000
%RSD		12.780	2.299	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.302%	0.071	0.076
%RSD		0.476	8.145	5.957
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.051	78.269%	
%RSD		11.850	0.406	

240-17781 -h-16 -a, 11/29/2012 22:31:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.751%	0.007	62.090
%RSD		0.505	178.900	0.505
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2080.000	17450.000	3.856
%RSD		0.989	0.488	1.687
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4437.000	M 100700.000
%RSD		T 0.000	T 0.341	M 0.416
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.331%	45.722%	0.331
%RSD		0.811	0.477	39.480
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.538	-0.196	-37.990
%RSD		92.240	13.090	3.590
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 641.600	2172.000	2.395
%RSD		T 0.681	0.488	0.121
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.837	0.439	2.343
%RSD		12.430	11.410	9.456
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.031%	5.616	0.306
%RSD		1.131	2.307	7.467
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.084	173.200	0.519
%RSD		118.200	0.640	17.260
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.742
%RSD		0.000	208.200	232.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.046	60.755%	0.050
%RSD		14.360	0.669	23.230
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.070	133.800	0.000
%RSD		8.073	0.219	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.463%	0.055	0.137
%RSD		0.877	16.920	7.860
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.009	80.453%	
%RSD		15.410	0.243	

240-17781-h-17-a, 11/29/2012 22:36:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.557%	0.006	59.850
%RSD		0.461	95.640	1.001
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2016.000	16760.000	2.412
%RSD		0.841	1.328	21.280
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4262.000	98010.000
%RSD		T 0.000	T 0.880	0.704
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.349%	44.705%	0.342
%RSD		0.321	1.026	37.380
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.613	-0.078	-38.700
%RSD		16.340	54.360	2.079
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 631.500	2000.000	2.294
%RSD		T 0.183	1.496	2.245
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.826	0.570	2.315
%RSD		7.317	21.050	2.930
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.176%	4.963	0.339
%RSD		0.921	2.237	39.460
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.101	168.800	0.515
%RSD		51.930	0.218	1.464
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.233
%RSD		0.000	322.600	539.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.021	59.711%	0.061
%RSD		25.640	0.581	8.128
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.059	127.400	0.000
%RSD		5.105	0.227	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.982%	0.060	0.127
%RSD		0.192	15.730	8.959
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.014	80.074%	
%RSD		20.380	0.179	

CCV 10 11/29/2012 22:42:26 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.224%	118.807%	110.048%
%RSD		0.792	0.617	0.258
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 101.577%	109.044%	106.417%
%RSD		┬0.196	0.431	0.743
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬ 105.892%	107.400%
%RSD		┬0.000	┬0.828	0.353
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		68.319%	53.486%	98.899%
%RSD		1.280	1.110	3.710
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.524%	96.895%	-29.700
%RSD		0.764	0.283	2.281
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 108.060%	┬ 103.035%	94.694%
%RSD		┬0.243	┬0.501	0.801
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.840%	92.893%	106.980%
%RSD		1.372	0.650	1.572
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.232%	95.535%	-0.755
%RSD		1.462	0.144	14.120
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.515%	102.054%	102.142%
%RSD		1.393	0.078	1.414
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.992%	69.450
%RSD		0.000	0.417	85.660
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.553%	64.944%	105.042%
%RSD		0.416	0.608	0.783
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.185%	99.889%	0.000
%RSD		0.237	0.703	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.144%	102.763%	91.189%
%RSD		1.347	0.783	0.141
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.311%	80.638%	
%RSD		0.412	0.356	

CCB 10 11/29/2012 22:48:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.804%	0.143	0.591
%RSD		0.516	17.850	10.940
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		22.720	47.790	3.337
%RSD		6.009	16.670	7.389
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	46.900	80.370
%RSD		T 0.000	2.306	4.255
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.537%	48.473%	-0.022
%RSD		0.227	0.327	558.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.736	-0.211	-37.540
%RSD		27.650	10.170	0.809
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.455	17.760	0.094
%RSD		1.988	8.517	17.850
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.147	0.120	2.701
%RSD		12.390	13.560	7.909
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.742%	-0.258	-0.097
%RSD		0.778	27.090	48.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.114	0.394	-0.079
%RSD		77.130	11.070	181.500
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.076	-0.783
%RSD		0.000	10.580	150.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.107	63.501%	0.192
%RSD		41.420	0.364	7.825
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.188	0.137	0.000
%RSD		16.780	23.590	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.169%	0.741	0.343
%RSD		0.301	15.630	7.801
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.104	86.593%	
%RSD		2.162	0.778	

240-17781-h-18-a, 11/29/2012 22:54:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.171%	0.013	33.080
%RSD		0.964	48.470	0.450
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 46220.000	27650.000	5.367
%RSD		T 0.429	0.767	10.550
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1549.000	M 102400.000
%RSD		T 0.000	T 0.475	M 0.548
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.696%	48.113%	0.386
%RSD		0.673	0.554	47.880
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.447	-0.172	-44.920
%RSD		31.000	31.840	1.533
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		112.600	T 16430.000	0.102
%RSD		0.078	T 0.500	7.297
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.589	0.547	2.492
%RSD		16.840	12.620	17.190
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		52.036%	0.993	0.323
%RSD		0.792	7.287	15.750
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.161	98.640	0.205
%RSD		89.450	0.735	24.560
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-0.336
%RSD		0.000	131.200	106.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	61.795%	0.099
%RSD		72.760	0.611	18.790
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.118	47.340	0.000
%RSD		18.760	0.891	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.134%	0.254	0.160
%RSD		1.138	6.366	1.117
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.028	79.368%	
%RSD		19.500	0.477	

240-17781-h-19-a, 11/29/2012 22:59:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.004%	0.016	M 238.700
%RSD		0.155	25.990	M 0.543
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34330.000	29480.000	12.350
%RSD		T 0.675	1.412	13.720
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6984.000	98690.000
%RSD		T 0.000	T 0.460	0.235
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.129%	48.274%	0.276
%RSD		0.444	0.448	29.970
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.807	-0.223	-38.940
%RSD		40.610	10.970	1.146
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		141.800	2487.000	0.172
%RSD		0.416	0.974	16.020
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.820	0.747	2.019
%RSD		7.572	7.423	7.054
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		52.549%	55.760	0.322
%RSD		0.699	1.820	3.137
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.011	M 224.400	0.923
%RSD		580.100	M 0.759	4.059
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.723
%RSD		0.000	22.550	154.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	61.775%	0.049
%RSD		623.400	0.198	41.590
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.084	96.650	0.000
%RSD		18.630	0.432	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.608%	0.150	0.102
%RSD		0.316	7.470	2.507
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.006	80.670%	
%RSD		79.780	0.843	

240-17781-h-20-a, 11/29/2012 23:05:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.925%	0.021	M 390.300
%RSD		0.300	17.360	M 0.792
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 31130.000	32120.000	11.080
%RSD		T 0.329	0.822	2.432
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7587.000	M 105700.000
%RSD		T 0.000	T 0.545	M 0.582
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.065%	47.241%	0.065
%RSD		0.660	0.657	288.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.360	-0.179	-39.600
%RSD		23.170	27.120	2.314
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		80.810	1104.000	0.088
%RSD		0.176	0.194	11.070
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.434	0.339	2.082
%RSD		17.250	18.450	8.884
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.251%	1.282	0.429
%RSD		0.321	4.372	16.170
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.062	143.600	-0.083
%RSD		156.500	0.197	39.560
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	-0.553
%RSD		0.000	57.660	114.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.008	60.595%	0.070
%RSD		1.647	0.913	32.630
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.041	116.500	0.000
%RSD		55.430	0.638	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.606%	0.207	0.085
%RSD		0.984	5.132	3.179
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.026	78.977%	
%RSD		12.150	0.729	

240-17781-h-21-a, 11/29/2012 23:10:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.539%	0.017	47.640
%RSD		0.522	32.760	0.959
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9604.000	27110.000	33.410
%RSD		0.344	1.284	4.612
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1398.000	81670.000
%RSD		T 0.000	T 0.908	0.839
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.727%	45.664%	0.218
%RSD		0.461	0.466	38.540
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.338	-0.183	-40.620
%RSD		53.930	25.110	1.137
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		31.410	518.900	0.021
%RSD		0.322	0.795	23.750
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.152	1.968	2.114
%RSD		17.770	4.182	9.804
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.506%	0.854	0.292
%RSD		0.505	11.920	14.570
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.037	M 204.700	0.178
%RSD		156.900	M 0.603	22.730
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.455
%RSD		0.000	69.840	101.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	59.555%	0.050
%RSD		132.500	0.843	26.970
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.025	42.560	0.000
%RSD		30.140	1.397	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.841%	0.114	0.057
%RSD		0.321	1.880	9.804
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.126	80.234%	
%RSD		1.880	0.196	

240-17781-h-22-a, 11/29/2012 23:16:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.076%	0.051	25.060
%RSD		0.384	30.950	1.193
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10980.000	30020.000	19.840
%RSD		1.136	0.853	4.267
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1449.000	M 101800.000
%RSD		T 0.000	T 0.123	M 0.287
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.183%	44.939%	0.081
%RSD		0.549	0.758	226.400
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.353	-0.190	-39.920
%RSD		71.670	21.690	0.663
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		82.860	924.400	0.077
%RSD		0.298	0.744	16.040
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.457	0.434	1.902
%RSD		19.230	2.856	9.688
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.617%	0.914	0.297
%RSD		0.171	17.400	23.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.005	M 243.500	-0.050
%RSD		748.800	M 0.700	56.440
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.457
%RSD		0.000	15.770	195.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	59.120%	0.219
%RSD		52.920	0.082	7.126
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.073	67.720	0.000
%RSD		5.232	0.975	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.015%	0.071	0.054
%RSD		0.733	7.820	4.583
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.074	78.574%	
%RSD		1.391	0.385	

240-17781-h-23-a, 11/29/2012 23:22:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.976%	0.014	130.300
%RSD		0.143	33.020	0.992
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 31280.000	32870.000	1.831
%RSD		T 1.077	0.723	25.530
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1633.000	M 115200.000
%RSD		T 0.000	T 0.187	M 0.548
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.783%	44.607%	0.053
%RSD		0.456	1.555	328.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.523	-0.222	-40.800
%RSD		34.060	14.080	2.236
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		64.340	876.700	0.041
%RSD		0.233	0.602	9.661
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.358	8.019	28.420
%RSD		14.030	0.838	2.299
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.260%	0.803	0.263
%RSD		0.379	23.200	55.940
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.016	128.800	-0.331
%RSD		407.900	0.264	17.040
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.378
%RSD		0.000	101.700	137.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	58.431%	0.078
%RSD		324.300	0.766	20.970
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.059	86.600	0.000
%RSD		7.847	0.652	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.507%	0.048	0.041
%RSD		1.184	2.364	18.440
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.440	76.560%	
%RSD		1.473	0.365	

240-17781-h-24-a, 11/29/2012 23:27:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.172%	-0.001	1.682
%RSD		0.177	383.200	10.200
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		743.000	29.750	48.010
%RSD		0.378	44.410	2.854
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	13.680	573.700
%RSD		T 0.000	4.062	5.254
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.692%	42.677%	0.368
%RSD		0.403	0.407	57.380
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.566	0.081	-34.050
%RSD		14.860	47.030	2.373
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.257	21.490	0.007
%RSD		2.054	2.722	80.610
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.008	1.248	1.574
%RSD		273.500	5.425	15.600
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		48.742%	-0.282	0.278
%RSD		0.126	12.750	11.480
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.020	0.718	-0.854
%RSD		394.700	4.326	4.080
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.367
%RSD		0.000	144.500	105.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	57.553%	0.093
%RSD		85.610	0.323	16.960
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.042	1.212	0.000
%RSD		38.000	2.090	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.922%	0.036	0.035
%RSD		0.932	7.404	14.810
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.033	81.890%	
%RSD		14.830	0.558	

240-17781-h-25-a, 11/29/2012 23:33:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.195%	0.014	113.800
%RSD		0.331	84.680	1.449
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28590.000	28950.000	0.729
%RSD		T 1.163	1.942	36.150
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1618.000	M 104000.000
%RSD		T 0.000	T 0.591	M 0.578
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.657%	43.857%	0.028
%RSD		0.365	1.062	672.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.495	-0.205	-41.260
%RSD		68.020	20.830	1.703
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		62.500	737.900	0.039
%RSD		0.539	0.430	19.830
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.187	29.690	27.730
%RSD		5.991	1.768	2.845
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		47.951%	0.700	0.391
%RSD		1.052	17.410	15.890
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.043	119.800	-0.354
%RSD		255.300	0.384	6.095
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.373
%RSD		0.000	88.550	104.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	57.004%	0.095
%RSD		152.600	0.872	30.010
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.049	79.310	0.000
%RSD		10.260	1.032	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		72.313%	0.033	0.028
%RSD		0.559	6.653	5.154
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.453	76.843%	
%RSD		2.563	0.575	

240-17988 -d-5-a, 11/29/2012 23:38:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.218%	0.009	89.570
%RSD		1.170	103.400	0.766
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 98180.000	3232.000	98.160
%RSD		T 0.732	1.611	2.948
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5847.000	37160.000
%RSD		T 0.000	T 0.067	0.548
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.169%	46.235%	3.114
%RSD		0.635	1.641	8.474
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		14.660	4.751	-24.610
%RSD		2.504	0.714	1.782
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		6.940	1210.000	0.377
%RSD		0.742	0.529	8.317
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.859	17.330	12.490
%RSD		4.837	1.271	3.285
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.607%	2.076	0.287
%RSD		1.609	7.205	24.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.399	M 431.100	12.380
%RSD		16.150	M 0.535	2.555
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	3.621
%RSD		0.000	44.190	61.780
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.156	58.844%	0.080
%RSD		18.290	0.591	29.100
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.635	23.370	0.000
%RSD		5.985	0.537	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.837%	0.901	0.034
%RSD		0.662	4.270	5.709
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.161	77.294%	
%RSD		0.856	0.721	

mb 240-66373/1-a, 11/29/2012 23:44:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.787%	0.009	0.828
%RSD		0.199	91.290	0.471
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		74.070	67.590	1.292
%RSD		7.149	13.130	15.460
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	16.520	257.100
%RSD		T 0.000	5.026	2.623
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.200%	45.503%	-0.038
%RSD		0.223	1.389	456.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.676	-0.165	-27.730
%RSD		76.700	10.010	2.874
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.326	10.070	0.007
%RSD		3.354	10.080	31.080
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.110	0.788	6.606
%RSD		30.420	1.378	5.102
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.739%	-0.326	0.333
%RSD		1.129	19.490	21.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.046	0.606	-0.761
%RSD		101.500	5.023	3.625
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.050
%RSD		0.000	1875.000	2148.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	60.148%	0.061
%RSD		225.800	0.649	41.460
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.011	0.852	0.000
%RSD		86.150	5.905	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.561%	0.049	0.013
%RSD		0.765	10.720	5.066
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.047	84.379%	
%RSD		0.980	0.225	

CCV 11 11/29/2012 23:49:32 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.695%	117.853%	108.609%
%RSD		0.967	0.407	1.569
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.155%	110.671%	104.764%
%RSD		T 0.803	0.594	0.683
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 107.754%	106.986%
%RSD		T 0.000	T 0.724	0.024
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.776%	51.360%	99.818%
%RSD		0.891	1.325	3.888
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.334%	96.827%	-29.820
%RSD		0.970	0.788	5.620
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 108.165%	T 103.077%	93.739%
%RSD		T 0.367	T 0.585	0.415
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.729%	93.783%	106.592%
%RSD		0.756	0.650	1.470
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		54.598%	95.182%	-0.779
%RSD		1.125	1.076	9.412
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.775%	102.129%	102.469%
%RSD		0.400	0.649	1.290
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.738%	108.000
%RSD		0.000	0.588	50.040
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.213%	62.398%	106.697%
%RSD		1.324	1.152	0.319
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.600%	101.731%	0.000
%RSD		0.382	0.264	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.161%	104.057%	90.947%
%RSD		0.694	1.379	1.051
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.859%	78.827%	
%RSD		0.962	0.680	

CCB 11 11/29/2012 23:55:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.609%	0.149	0.620
%RSD		0.552	15.850	18.650
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		27.530	49.790	2.663
%RSD		5.088	6.892	13.290
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	52.170	75.460
%RSD		T 0.000	0.496	2.268
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.668%	47.118%	0.011
%RSD		0.393	0.643	433.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.423	-0.201	-38.750
%RSD		31.750	15.860	2.532
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.484	20.620	0.113
%RSD		3.215	6.469	9.640
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.109	0.077	2.462
%RSD		40.560	35.090	9.234
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.136%	-0.224	-0.162
%RSD		0.545	72.950	30.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.174	0.399	-0.032
%RSD		13.290	3.441	337.400
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.081	-0.023
%RSD		0.000	11.900	8490.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.120	61.623%	0.197
%RSD		13.090	0.745	21.090
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.193	0.170	0.000
%RSD		18.520	18.560	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.332%	0.848	0.280
%RSD		0.746	13.300	8.806
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.114	84.960%	
%RSD		2.589	0.122	

lcs 240-66373/2-a, 11/30/2012 00:01:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.831%	M 1117.000	101.800
%RSD		0.493	M 0.204	0.234
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8540.000	10600.000	M 9638.000
%RSD		0.518	0.907	M 0.753
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 10040.000	9839.000
%RSD		T 0.000	T 0.377	0.903
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.506%	45.938%	94.510
%RSD		0.455	0.195	0.857
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 887.400	M 906.200	77.930
%RSD		M 0.520	M 0.782	19.320
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1016.000	T 9464.000	M 862.200
%RSD		TM 0.551	T 0.429	M 1.218
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 859.700	M 868.500	M 972.800
%RSD		M 0.786	M 0.776	M 0.447
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.375%	M 859.100	-5.074
%RSD		0.492	M 0.537	12.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 931.200	M 886.800	87.630
%RSD		M 0.538	M 0.868	1.481
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	95.010	594.100
%RSD		0.000	0.810	12.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 975.400	60.625%	97.360
%RSD		M 0.673	0.677	0.594
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.710	M 915.700	0.000
%RSD		0.822	M 0.752	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.720%	90.000	TM 222.200
%RSD		1.133	0.696	TM 0.524
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 987.300	82.661%	
%RSD		TM 0.464	0.434	

240-17661 -a-1-b, 11/30/2012 00:08:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.922%	0.416	M 324.300
%RSD		1.207	11.000	M 0.701
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 38690.000	73590.000	20.800
%RSD		T 0.797	1.001	10.840
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 21840.000	M 150100.000
%RSD		T 0.000	T 0.621	M 0.301
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.363%	53.320%	0.230
%RSD		1.050	1.050	30.320
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.354	0.044	-38.210
%RSD		27.320	89.870	0.166
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5749.000	T 16030.000	29.020
%RSD		TM 0.212	T 0.718	1.123
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		28.610	0.476	47.940
%RSD		2.052	4.362	0.958
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.596%	1.409	0.394
%RSD		1.160	6.935	16.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.586	M 1143.000	6.106
%RSD		10.670	M 0.084	4.254
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.028	-1.147
%RSD		0.000	19.940	80.050
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.263	65.509%	0.217
%RSD		15.130	1.534	23.280
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.468	10.400	0.000
%RSD		3.782	2.974	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.485%	0.954	0.548
%RSD		1.351	8.817	6.050
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.521	81.413%	
%RSD		2.991	0.784	

SD 240-17661-a-1-b@5, 11/30/2012 00:14:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.671%	0.040	68.880
%RSD		0.255	14.550	0.217
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7236.000	15480.000	7.350
%RSD		0.560	0.390	2.809
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4559.000	30880.000
%RSD		T 0.000	T 0.477	0.391
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.080%	53.042%	0.282
%RSD		0.897	0.386	106.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.133	-0.211	-34.500
%RSD		185.000	18.670	2.666
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1207.000	3019.000	6.042
%RSD		TM 0.578	1.579	1.223
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		6.079	0.135	10.530
%RSD		3.272	34.380	2.616
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		57.756%	0.023	-0.061
%RSD		0.910	233.400	103.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.149	M 231.100	0.686
%RSD		11.350	M 1.028	16.530
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-1.265
%RSD		0.000	109.000	161.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.036	65.412%	0.071
%RSD		82.750	0.625	17.470
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.210	2.283	0.000
%RSD		8.512	3.879	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.823%	0.296	0.213
%RSD		0.585	4.141	2.621
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.092	87.093%	
%RSD		32.970	0.592	

240-17661 -a-1-c ms, 11/30/2012 00:19:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.520%	M 1081.000	M 432.400
%RSD		0.296	M 0.594	M 0.231
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 48190.000	84280.000	M 9603.000
%RSD		T 0.866	0.764	M 0.332
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 33190.000	M 163100.000
%RSD		T 0.000	T 0.408	M 0.384
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.378%	55.841%	96.080
%RSD		1.112	1.527	1.995
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 921.800	M 920.700	86.110
%RSD		M 0.335	M 0.723	11.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6881.000	T 26650.000	M 910.100
%RSD		TM 0.364	T 0.843	M 0.882
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 890.000	M 863.600	M 979.400
%RSD		M 0.849	M 0.440	M 0.521
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.391%	M 927.300	-5.108
%RSD		1.341	M 0.372	2.553
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 965.900	TM 2264.000	102.200
%RSD		M 0.586	TM 0.547	0.731
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	93.090	534.600
%RSD		0.000	0.705	14.460
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 976.200	67.922%	100.900
%RSD		M 0.347	1.417	0.562
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.900	M 972.000	0.000
%RSD		0.854	M 0.084	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.554%	98.780	TM 243.600
%RSD		1.122	0.523	TM 0.761
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1065.000	83.222%	
%RSD		TM 0.073	1.015	

240-17661 -a-1-d msd, 11/30/2012 00:26:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.037%	M 1088.000	M 432.400
%RSD		0.095	M 0.501	M 0.589
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 47040.000	81110.000	M 9461.000
%RSD		T 0.193	0.988	M 0.407
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 32170.000	M 158900.000
%RSD		T 0.000	T 0.715	M 0.167
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.790%	56.993%	96.100
%RSD		0.717	0.799	0.947
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 911.100	M 912.100	81.930
%RSD		M 0.243	M 0.190	4.675
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6755.000	T 26300.000	M 902.500
%RSD		TM 0.133	T 0.308	M 0.247
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 889.900	M 866.700	M 999.100
%RSD		M 0.113	M 0.326	M 0.034
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.787%	M 939.300	-5.466
%RSD		0.810	M 0.648	10.670
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 998.600	TM 2233.000	101.000
%RSD		M 0.460	TM 0.290	0.876
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	93.990	608.500
%RSD		0.000	0.713	4.317
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 973.500	69.498%	100.500
%RSD		M 0.474	0.657	0.593
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.800	M 959.000	0.000
%RSD		0.967	M 0.481	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.377%	98.490	TM 241.300
%RSD		0.802	1.230	TM 0.302
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1044.000	84.996%	
%RSD		TM 0.698	0.427	

240-17661-b-2-b, 11/30/2012 00:34:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.700%	0.261	M 338.200
%RSD		0.522	6.030	M 0.082
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 38420.000	73890.000	5.940
%RSD		T 1.063	1.081	7.752
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22590.000	M 154800.000
%RSD		T 0.000	T 0.348	M 0.439
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.659%	57.138%	-0.027
%RSD		0.702	1.055	142.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.557	-0.204	-39.690
%RSD		24.080	30.760	0.498
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6048.000	T 15750.000	30.660
%RSD		TM 0.027	T 0.340	0.355
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		30.130	0.188	49.700
%RSD		2.050	40.180	1.618
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.839%	1.225	0.359
%RSD		0.833	17.810	13.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.394	M 1172.000	5.350
%RSD		25.870	M 0.243	4.953
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.023	0.208
%RSD		0.000	86.290	227.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.153	69.497%	0.243
%RSD		70.010	0.424	18.640
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.560	10.340	0.000
%RSD		1.916	2.082	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.923%	1.178	0.686
%RSD		1.163	10.530	3.812
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.132	85.309%	
%RSD		94.450	0.428	

240-17661 -a-3-b, 11/30/2012 00:39:35 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.859%	0.317	M 327.300
%RSD		0.454	12.610	M 0.360
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 80050.000	21660.000	404.500
%RSD		T 1.368	1.992	4.127
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 2235.000	M 139700.000
%RSD		T 0.000	T 0.350	M 0.503
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		70.445%	51.805%	4.950
%RSD		0.413	1.290	8.102
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.549	0.672	-44.890
%RSD		48.680	9.331	1.816
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 1432.000	4727.000	3.449
%RSD		TM 0.416	0.883	2.602
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		3.285	0.952	8.566
%RSD		4.478	9.941	3.110
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		55.165%	0.589	0.310
%RSD		0.356	13.810	13.040
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.353	M 260.400	-0.212
%RSD		45.880	M 0.285	56.890
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.012	2.646
%RSD		0.000	10.250	151.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.262	65.092%	0.227
%RSD		12.800	0.559	9.623
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.543	26.990	0.000
%RSD		2.247	1.035	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		81.060%	0.454	0.349
%RSD		0.734	2.648	4.276
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.553	82.459%	
%RSD		3.856	0.332	

240-17661 -a-4-b, 11/30/2012 00:45:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.912%	0.076	M 330.400
%RSD		0.616	35.290	M 1.115
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 83280.000	22310.000	11.060
%RSD		T 1.171	0.680	8.327
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 2125.000	M 142200.000
%RSD		T 0.000	T 0.154	M 0.078
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		66.533%	48.258%	0.277
%RSD		0.568	0.803	59.710
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.357	-0.192	-45.480
%RSD		14.960	20.500	0.606
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 1464.000	3489.000	3.073
%RSD		TM 0.202	0.676	2.816
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		2.781	0.472	4.858
%RSD		5.978	15.930	2.331
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		52.664%	0.389	0.357
%RSD		0.360	19.030	38.150
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.335	M 263.500	-0.498
%RSD		46.770	M 0.520	7.342
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.015	-1.011
%RSD		0.000	56.400	147.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.176	62.412%	0.090
%RSD		23.840	0.326	23.010
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.409	25.700	0.000
%RSD		3.874	0.767	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		78.780%	0.264	0.235
%RSD		0.452	2.623	3.787
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.117	80.503%	
%RSD		9.830	0.545	

240-17661 -a-5-b, 11/30/2012 00:50:38 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.897%	0.120	M 331.000
%RSD		0.511	17.590	M 0.699
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 82220.000	22490.000	436.400
%RSD		T 1.265	0.983	1.221
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2280.000	M 140700.000
%RSD		T 0.000	T 0.286	M 0.487
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.401%	47.333%	4.908
%RSD		0.166	0.969	22.110
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.277	0.659	-44.300
%RSD		23.160	11.250	1.843
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1452.000	4691.000	3.393
%RSD		TM 0.347	0.946	2.326
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.281	0.882	8.717
%RSD		4.193	3.080	2.336
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.682%	0.300	0.321
%RSD		0.332	31.520	15.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.347	M 262.100	-0.507
%RSD		8.313	M 0.853	6.002
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	-0.193
%RSD		0.000	58.190	1480.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.175	61.079%	0.211
%RSD		14.320	0.568	4.834
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.494	27.950	0.000
%RSD		5.949	1.050	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.890%	0.179	0.181
%RSD		0.764	6.315	1.371
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.465	79.309%	
%RSD		2.361	0.747	

240-17661 -a-6-b, 11/30/2012 00:56:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.615%	0.052	M 320.600
%RSD		0.410	25.140	M 0.659
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 80990.000	21780.000	9.585
%RSD		T 1.212	1.553	8.066
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2051.000	M 137900.000
%RSD		T 0.000	T 0.605	M 0.983
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.586%	46.485%	0.266
%RSD		0.185	1.271	17.380
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.704	-0.287	-44.000
%RSD		17.020	12.420	0.389
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1457.000	3328.000	2.893
%RSD		TM 0.042	0.930	1.531
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.823	0.220	4.239
%RSD		1.666	26.080	0.831
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.767%	0.311	0.362
%RSD		0.723	58.120	6.244
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.123	M 252.800	-0.587
%RSD		56.070	M 0.739	5.155
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	0.046
%RSD		0.000	916.500	987.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.115	60.349%	0.057
%RSD		9.940	0.951	19.670
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.247	24.660	0.000
%RSD		5.925	2.069	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.699%	0.147	0.141
%RSD		0.086	4.653	4.312
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.036	78.727%	
%RSD		26.560	0.589	

CCV 12 11/30/2012 01:01:39 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.841%	116.531%	110.948%
%RSD		1.102	0.274	0.186
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬101.455%	111.610%	106.178%
%RSD		┬0.268	0.692	1.467
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬110.302%	107.340%
%RSD		┬0.000	┬0.564	0.367
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.311%	52.056%	97.750%
%RSD		1.386	0.962	5.230
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.009%	97.315%	-29.750
%RSD		0.951	0.977	2.882
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬108.339%	┬105.240%	94.288%
%RSD		┬0.206	┬0.506	0.471
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.335%	93.262%	107.577%
%RSD		1.080	0.343	0.641
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.015%	94.866%	-0.482
%RSD		0.942	0.950	61.860
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.902%	103.119%	102.138%
%RSD		1.541	0.149	0.805
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.192%	0.140
%RSD		0.000	0.378	9875.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.471%	64.070%	106.329%
%RSD		0.984	0.451	1.580
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.698%	101.233%	0.000
%RSD		0.317	0.929	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.326%	104.655%	91.718%
%RSD		0.774	0.317	0.523
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		102.070%	80.858%	
%RSD		0.622	0.643	

CCB 12 11/30/2012 01:08:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.594%	0.134	1.336
%RSD		0.779	4.853	7.039
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		30.640	53.890	2.566
%RSD		4.684	3.248	24.420
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	52.870	82.470
%RSD		T 0.000	0.316	0.445
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.809%	46.855%	-0.071
%RSD		0.580	0.534	67.060
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.601	-0.211	-39.240
%RSD		9.879	7.596	1.951
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.512	21.710	0.116
%RSD		2.503	6.354	7.683
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.111	0.131	2.200
%RSD		51.360	20.160	8.326
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.127%	-0.316	-0.135
%RSD		1.254	16.590	67.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.189	0.393	-0.183
%RSD		28.520	4.050	71.900
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.084	0.207
%RSD		0.000	5.446	931.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.106	62.127%	0.205
%RSD		27.050	0.667	16.090
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.224	0.114	0.000
%RSD		4.284	12.450	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.879%	0.725	0.374
%RSD		0.495	9.053	5.225
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.121	86.602%	
%RSD		4.808	0.513	

240-17661 -a-7-b, 11/30/2012 01:13:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.823%	0.130	41.480
%RSD		0.632	17.070	0.523
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14870.000	19670.000	M 1161.000
%RSD		0.863	1.038	M 0.656
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1739.000	M 104200.000
%RSD		T 0.000	T 0.698	M 0.417
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.617%	44.796%	17.240
%RSD		0.381	0.901	32.940
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.610	1.538	-41.850
%RSD		20.630	3.794	3.433
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		125.500	1708.000	2.938
%RSD		0.859	0.976	0.755
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.627	2.659	14.130
%RSD		0.874	4.324	3.950
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.675%	4.764	0.322
%RSD		0.588	3.450	17.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.258	135.600	-0.277
%RSD		51.330	0.355	26.020
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.042	-0.524
%RSD		0.000	26.760	222.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.051	59.022%	0.171
%RSD		23.720	0.456	7.996
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.152	54.970	0.000
%RSD		11.290	1.709	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.754%	0.338	0.222
%RSD		0.677	3.029	4.836
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.151	79.635%	
%RSD		0.202	0.282	

240-17661 -a-8-b, 11/30/2012 01:19:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.219%	0.108	41.480
%RSD		0.257	17.520	0.282
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14850.000	19400.000	745.900
%RSD		0.529	0.862	1.257
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1617.000	M 103100.000
%RSD		T 0.000	T 0.856	M 0.421
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.768%	43.624%	6.913
%RSD		0.393	0.317	19.160
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.730	0.931	-41.850
%RSD		29.130	4.750	2.567
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		122.300	1209.000	2.572
%RSD		0.350	0.268	1.884
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.024	1.762	12.760
%RSD		11.780	8.805	0.401
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		48.542%	3.826	0.432
%RSD		0.855	7.535	8.890
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.000	135.400	-0.298
%RSD		5352.000	0.802	34.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.020	0.330
%RSD		0.000	39.880	250.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.045	57.597%	0.258
%RSD		23.120	0.799	8.755
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.171	52.620	0.000
%RSD		6.271	0.509	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.414%	0.208	0.165
%RSD		0.804	5.447	6.996
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.706	78.695%	
%RSD		1.249	0.559	

240-17661 -a-9-b, 11/30/2012 01:25:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.035%	0.029	M 4204.000
%RSD		0.072	36.990	M 0.288
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 152100.000	27930.000	91.500
%RSD		TM 0.863	0.752	0.748
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 25810.000	24610.000
%RSD		T 0.000	T 0.015	0.743
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.929%	45.518%	1.107
%RSD		1.053	0.804	15.860
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-26.200	M 785.900	66.140
%RSD		7.937	M 0.608	12.210
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.723	85.890	0.216
%RSD		1.793	2.222	5.500
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.447	1.073	1.174
%RSD		9.256	5.521	13.050
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.284%	2.061	0.117
%RSD		0.698	9.308	67.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		27.510	M 353.600	M 521.500
%RSD		3.775	M 0.834	M 1.264
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	64.220
%RSD		0.000	53.980	18.050
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.077	58.360%	0.051
%RSD		114.400	0.406	27.990
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.768	10.220	0.000
%RSD		0.412	4.038	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.727%	1.397	0.103
%RSD		0.647	1.333	1.897
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.127	75.868%	
%RSD		3.426	0.446	

240-17661-b-10-b, 11/30/2012 01:30:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.976%	0.020	M 4374.000
%RSD		0.455	45.040	M 0.965
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 160100.000	29340.000	40.360
%RSD		TM 0.524	1.627	4.777
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 27180.000	25650.000
%RSD		T 0.000	T 0.307	0.422
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.163%	46.658%	0.377
%RSD		0.470	0.841	21.980
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-26.690	M 826.900	70.170
%RSD		5.484	M 0.317	8.516
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.783	26.850	0.219
%RSD		2.915	2.324	8.661
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.456	1.191	1.153
%RSD		8.374	3.627	7.473
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.491%	2.145	0.119
%RSD		0.215	9.312	97.090
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		28.740	M 372.400	M 554.400
%RSD		1.062	M 0.354	M 1.147
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	75.430
%RSD		0.000	14.670	9.694
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.185	59.246%	0.060
%RSD		18.630	0.227	15.310
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.863	10.450	0.000
%RSD		3.652	0.401	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.809%	1.500	0.094
%RSD		0.539	1.656	1.706
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.056	76.570%	
%RSD		14.450	0.797	

240-17781 -h-1-a, 11/30/2012 01:36:13 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.967%	0.010	115.900
%RSD		0.141	74.110	0.586
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4090.000	24190.000	14.050
%RSD		0.415	0.806	4.014
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 23540.000	87350.000
%RSD		T 0.000	T 0.342	0.727
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.649%	45.898%	0.526
%RSD		0.606	0.488	48.650
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.568	0.199	-42.890
%RSD		51.900	17.000	1.404
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.462	2.601	0.119
%RSD		0.925	33.260	3.603
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.554	0.781	4.734
%RSD		11.870	3.346	7.222
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.937%	0.111	0.305
%RSD		0.333	48.730	22.730
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.782	103.400	7.313
%RSD		14.790	1.474	16.790
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	2.187
%RSD		0.000	51.320	105.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.530	60.179%	0.055
%RSD		4.204	0.336	24.010
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.096	19.830	0.000
%RSD		20.850	1.929	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.827%	0.105	0.068
%RSD		0.789	22.800	13.510
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.092	81.104%	
%RSD		6.552	1.057	

240-17781 -h-2-a, 11/30/2012 01:41:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.139%	0.017	48.540
%RSD		0.735	79.980	1.513
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 41540.000	35070.000	54.080
%RSD		T 1.073	1.155	2.110
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 2204.000	M 124500.000
%RSD		T 0.000	T 0.827	M 0.396
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		63.710%	45.319%	0.653
%RSD		0.513	0.499	23.210
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.471	1.203	-40.180
%RSD		47.400	2.876	2.025
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		275.400	778.200	1.594
%RSD		0.622	0.889	1.581
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		1.674	1.923	9.873
%RSD		6.463	8.079	2.993
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		49.201%	0.909	0.426
%RSD		0.512	6.318	20.420
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.028	114.300	2.403
%RSD		407.500	0.470	10.740
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.011	1.052
%RSD		0.000	33.560	481.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.572	58.589%	0.409
%RSD		10.860	0.130	0.244
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.313	50.940	0.000
%RSD		3.191	0.331	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		74.831%	0.253	0.074
%RSD		0.387	3.140	6.346
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.377	77.329%	
%RSD		1.172	0.092	

240-17781 -h-3-a, 11/30/2012 01:47:19 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.275%	0.053	M 289.400
%RSD		0.496	30.470	M 0.407
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 28200.000	32690.000	190.000
%RSD		T 0.403	1.900	1.549
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2202.000	M 124100.000
%RSD		T 0.000	T 0.456	M 0.407
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.095%	43.726%	1.427
%RSD		0.102	0.568	3.999
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.067	0.938	-39.990
%RSD		495.300	9.913	1.787
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		69.800	1406.000	0.222
%RSD		0.809	0.527	13.170
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.484	0.638	9.389
%RSD		5.217	2.215	2.742
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		48.284%	1.524	0.408
%RSD		0.605	9.996	27.410
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.048	101.900	0.711
%RSD		99.170	0.488	1.738
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.813
%RSD		0.000	442.200	787.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.303	57.560%	0.150
%RSD		15.190	0.633	7.032
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.106	90.920	0.000
%RSD		17.080	0.604	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.860%	0.661	0.060
%RSD		0.816	1.194	5.641
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.300	77.410%	
%RSD		0.673	0.170	

240-17781 -h-4-a, 11/30/2012 01:52:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.416%	0.371	18.280
%RSD		0.419	6.122	2.578
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2194.000	16440.000	M 3081.000
%RSD		0.371	1.352	M 0.638
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3927.000	65740.000
%RSD		T 0.000	T 0.248	0.283
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.525%	44.093%	21.560
%RSD		0.735	1.046	18.080
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		3.095	4.894	-41.230
%RSD		10.260	1.052	0.539
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		257.700	T 15990.000	3.652
%RSD		0.316	T 0.939	0.845
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		7.603	2.820	28.630
%RSD		2.425	3.336	0.630
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		48.960%	141.700	0.323
%RSD		0.180	0.831	6.890
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.189	123.400	47.770
%RSD		48.800	1.039	1.257
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.009	-1.078
%RSD		0.000	41.690	83.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.852	58.030%	0.405
%RSD		7.930	0.679	13.440
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.069	61.970	0.000
%RSD		6.050	2.285	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.004%	0.828	0.112
%RSD		0.586	1.694	3.115
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		10.890	79.891%	
%RSD		0.396	0.653	

240-17781 -h-5-a, 11/30/2012 01:58:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		42.616%	0.019	M 841.400
%RSD		0.371	121.100	M 0.931
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 292200.000	1631.000	21.530
%RSD		TM 0.911	2.110	0.663
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 682500.000	3940.000
%RSD		T 0.000	TM 0.646	0.494
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.611%	49.572%	0.292
%RSD		1.048	1.146	43.410
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.621	5.538	-45.520
%RSD		12.750	1.403	0.677
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		8.817	145.300	0.443
%RSD		1.269	0.796	1.576
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.617	4.024	4.658
%RSD		4.751	6.036	6.273
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.195%	2.186	0.189
%RSD		0.915	3.490	41.580
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.403	181.600	3.535
%RSD		7.370	0.343	1.337
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.187
%RSD		0.000	79.430	238.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.088	60.757%	0.162
%RSD		38.610	1.598	16.640
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.194	109.800	0.000
%RSD		4.536	0.859	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.356%	1.044	0.045
%RSD		0.892	3.666	8.139
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.177	70.639%	
%RSD		4.992	1.058	

240-17781-h-6-a, 11/30/2012 02:03:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.672%	0.035	30.310
%RSD		0.716	51.400	1.302
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2772.000	19760.000	64.170
%RSD		0.317	0.564	4.317
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1718.000	72890.000
%RSD		T 0.000	T 0.344	0.483
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.766%	53.003%	1.044
%RSD		0.081	0.682	36.620
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.583	1.072	-38.470
%RSD		16.750	2.790	1.134
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		33.700	403.800	0.291
%RSD		0.556	0.688	4.719
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.456	0.800	8.579
%RSD		14.820	3.441	2.967
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		57.550%	3.617	0.335
%RSD		0.376	5.821	23.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.016	61.190	0.913
%RSD		236.400	0.675	13.030
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	2.301
%RSD		0.000	65.010	65.430
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.274	67.066%	0.225
%RSD		6.773	1.104	16.760
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.878	35.840	0.000
%RSD		10.330	1.355	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		82.364%	0.086	0.030
%RSD		0.240	10.650	11.920
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.281	87.288%	
%RSD		1.089	0.424	

CCV 13 11/30/2012 02:09:28 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.097%	118.118%	111.787%
%RSD		0.765	0.784	0.663
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.492%	112.241%	107.341%
%RSD		T 1.084	1.147	2.120
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 109.211%	107.549%
%RSD		T 0.000	T 0.567	0.086
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.765%	52.789%	100.038%
%RSD		0.612	1.230	4.526
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.736%	96.685%	-29.730
%RSD		1.114	0.744	4.793
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 108.293%	T 105.931%	93.667%
%RSD		T 0.118	T 0.639	1.007
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.354%	91.855%	105.393%
%RSD		0.301	0.219	1.833
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.960%	94.526%	-0.591
%RSD		1.059	0.602	38.080
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		102.725%	103.447%	101.456%
%RSD		2.341	0.543	1.085
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.303%	50.110
%RSD		0.000	0.262	71.420
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.560%	64.913%	105.972%
%RSD		0.999	0.170	0.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.306%	100.977%	0.000
%RSD		0.884	0.636	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.276%	103.299%	90.923%
%RSD		1.059	0.226	0.196
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.310%	81.737%	
%RSD		0.288	0.669	

CCB 13 11/30/2012 02:16:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.878%	0.168	2.011
%RSD		0.851	11.160	8.633
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		39.400	65.830	3.186
%RSD		2.643	2.431	34.180
Run	**Time**	**35Cl**	**39K**	**43Ca**	
		ppb	ppb	ppb
x		T 0.000	67.070	99.330
%RSD		T 0.000	2.124	6.471
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.042%	48.855%	0.216
%RSD		0.802	0.281	76.640
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.439	-0.176	-40.030
%RSD		63.730	8.233	2.458
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.618	23.830	0.125
%RSD		1.663	3.086	2.868
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.081	0.121	2.533
%RSD		37.880	39.900	17.720
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		54.148%	-0.162	-0.110
%RSD		1.213	52.440	67.580
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.132	0.453	0.061
%RSD		16.220	2.244	145.400
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.085	-0.902
%RSD		0.000	11.950	182.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.145	63.734%	0.206
%RSD		25.060	0.428	24.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.174	0.179	0.000
%RSD		16.380	17.590	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.631%	0.767	0.348
%RSD		0.278	12.470	7.775
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.124	88.031%	
%RSD		6.612	0.571	

240-17781 -h-7-a, 11/30/2012 02:21:33 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.088%	0.032	M 478.600
%RSD		0.750	7.286	M 1.183
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 31590.000	31310.000	46.160
%RSD		T 0.508	0.475	1.205
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8241.000	M 100800.000
%RSD		T 0.000	T 1.003	M 0.340
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.698%	46.015%	0.158
%RSD		0.417	0.226	81.780
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.783	0.281	-39.740
%RSD		30.150	9.233	2.082
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		60.230	914.900	0.159
%RSD		0.604	2.044	2.049
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.260	0.299	3.113
%RSD		16.870	15.110	9.953
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.492%	0.604	0.279
%RSD		0.762	12.340	19.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.071	140.100	0.040
%RSD		157.500	0.834	167.100
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.013	-0.563
%RSD		0.000	4.108	114.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.021	60.214%	0.108
%RSD		83.980	0.612	10.840
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.126	156.100	0.000
%RSD		15.480	1.140	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.926%	0.238	0.140
%RSD		0.437	6.239	7.760
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.137	79.329%	
%RSD		3.473	0.811	

240-17781 -h-8-a, 11/30/2012 02:27:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.367%	0.020	40.070
%RSD		0.417	19.340	1.058
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 27810.000	33850.000	12.210
%RSD		T 0.548	0.720	4.127
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2600.000	M 116000.000
%RSD		T 0.000	T 0.243	M 0.226
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.966%	44.949%	0.196
%RSD		0.525	0.406	111.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.511	-0.005	-40.310
%RSD		22.820	194.800	1.260
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		57.540	796.600	0.048
%RSD		0.144	0.667	35.490
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.032	0.323	3.600
%RSD		10.170	19.500	3.554
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.322%	2.271	0.305
%RSD		0.252	7.335	10.970
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.070	100.800	0.130
%RSD		47.940	0.624	73.290
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.128
%RSD		0.000	59.410	1311.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.097	59.054%	0.112
%RSD		12.240	0.382	29.920
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.064	93.470	0.000
%RSD		18.810	0.203	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.832%	0.289	0.085
%RSD		0.137	6.404	7.105
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.020	78.549%	
%RSD		23.040	0.469	

240-17781 -h-9-a, 11/30/2012 02:32:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.810%	0.089	107.200
%RSD		0.570	15.870	1.292
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 31040.000	28840.000	636.100
%RSD		T 1.017	0.551	1.308
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4811.000	94350.000
%RSD		T 0.000	T 0.631	0.159
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.352%	43.811%	7.698
%RSD		0.775	0.832	11.410
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.241	0.183	-39.900
%RSD		49.840	15.180	0.776
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		125.900	2432.000	0.179
%RSD		0.093	0.464	7.467
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.222	1.794	20.190
%RSD		3.500	7.823	1.184
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		47.946%	0.643	0.333
%RSD		0.398	34.310	26.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.110	160.100	0.816
%RSD		66.860	0.513	9.791
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.008	1.988
%RSD		0.000	65.540	74.550
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.235	57.786%	0.239
%RSD		19.870	0.405	3.022
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.077	103.900	0.000
%RSD		32.730	0.353	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.706%	0.096	0.070
%RSD		0.443	2.989	11.370
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.515	77.693%	
%RSD		1.083	0.241	

240-17781 -h-10 -a, 11/30/2012 02:38:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.724%	0.016	44.110
%RSD		0.672	21.510	1.361
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 100500.000	25560.000	6.047
%RSD		TM 1.301	0.543	11.140
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2410.000	M 100500.000
%RSD		T 0.000	T 0.262	M 0.336
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.001%	42.400%	0.373
%RSD		0.566	1.058	28.020
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.717	-0.260	-40.810
%RSD		29.810	11.130	0.431
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 500.600	472.800	0.283
%RSD		T 0.301	0.764	4.603
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.985	0.358	4.333
%RSD		5.254	5.701	5.800
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		46.501%	0.468	0.322
%RSD		0.214	13.050	21.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.009	130.200	0.016
%RSD		151.700	0.151	331.600
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	1.617
%RSD		0.000	83.930	59.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.197	56.148%	0.028
%RSD		9.475	0.192	57.150
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.059	64.560	0.000
%RSD		45.170	0.553	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.917%	0.062	0.080
%RSD		0.131	10.440	3.331
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.074	74.403%	
%RSD		8.080	0.471	

mb 240-66413/1-a, 11/30/2012 02:43:43 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		48.656%	0.002	1.156
%RSD		0.585	231.600	4.860
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		24.720	27.100	4.055
%RSD		7.799	12.270	12.560
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	44.090	210.600
%RSD		0.000	0.194	2.194
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.793%	41.733%	-0.022
%RSD		0.242	0.563	853.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.634	0.248	-42.180
%RSD		9.213	18.160	0.981
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.603	18.450	0.011
%RSD		6.214	2.332	46.840
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.320	0.297	9.444
%RSD		29.790	5.282	1.696
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		46.382%	-0.417	0.344
%RSD		0.290	31.350	17.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.002	0.290	-0.751
%RSD		453.100	3.270	3.176
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.162
%RSD		0.000	189.300	504.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	56.407%	21.600
%RSD		196.100	0.293	0.856
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.019	1.327	0.000
%RSD		10.630	7.069	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.367%	0.060	0.049
%RSD		0.462	6.670	11.140
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.101	81.965%	
%RSD		1.181	0.778	

lcs 240-66413/3-a, 11/30/2012 02:49:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.700%	M 1055.000	93.970
%RSD		0.749	M 1.019	0.451
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7977.000	9830.000	M 9063.000
%RSD		0.822	0.509	M 0.230
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9536.000	9486.000
%RSD		0.000	T 0.585	0.721
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		55.880%	41.341%	84.760
%RSD		0.881	0.506	4.054
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 819.100	M 843.800	61.920
%RSD		M 0.530	M 0.461	15.290
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 976.900	T 9046.000	M 804.300
%RSD		T 0.457	T 1.187	M 0.239
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 793.400	M 801.100	M 898.900
%RSD		M 1.037	M 1.246	M 1.279
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		45.696%	M 789.600	-4.798
%RSD		0.673	M 1.419	9.706
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 853.400	M 855.600	82.980
%RSD		M 1.747	M 0.682	2.023
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	89.050	376.400
%RSD		0.000	0.726	22.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 907.700	55.871%	104.700
%RSD		M 0.669	0.293	0.456
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		92.260	M 869.200	0.000
%RSD		1.158	M 0.482	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.884%	82.980	TM 213.600
%RSD		0.482	1.532	TM 0.648
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 937.100	79.674%	
%RSD		TM 0.824	0.683	

240-17988 -f-1-a, 11/30/2012 02:56:33 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.853%	0.889	20.090
%RSD		0.359	1.990	2.327
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		769.400	89150.000	M 12700.000
%RSD		0.222	0.223	M 0.339
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2156.000	TM 401400.000
%RSD		T 0.000	T 0.403	TM 0.477
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 63.424%	42.122%	M 915.100
%RSD		T 0.920	1.059	M 1.769
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		63.960	63.930	-42.420
%RSD		0.554	0.491	0.305
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1208.000	TM 52580.000	19.710
%RSD		TM 0.326	TM 1.130	1.016
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		52.520	54.200	M 261.300
%RSD		1.941	1.445	M 0.407
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		43.171%	29.580	0.514
%RSD		0.420	1.842	11.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.511	M 351.300	13.100
%RSD		17.290	M 0.917	0.724
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.060	-14.270
%RSD		0.000	9.207	37.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.376	55.287%	10.840
%RSD		6.949	0.905	2.657
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.196	60.080	0.000
%RSD		4.498	1.272	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.546%	0.981	1.505
%RSD		1.296	11.070	1.666
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		31.070	70.994%	
%RSD		0.508	0.660	

SD 240-17988 -f-1-a@5, 11/30/2012 03:02:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.513%	0.221	4.800
%RSD		0.274	20.740	4.294
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		167.100	20380.000	M 2845.000
%RSD		1.810	0.473	M 0.252
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	513.000	86620.000
%RSD		T 0.000	0.655	0.215
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.561%	42.187%	M 195.400
%RSD		0.546	0.615	M 2.181
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		13.380	13.720	-45.180
%RSD		4.047	0.668	3.308
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		262.900	T 10920.000	4.375
%RSD		0.568	T 0.726	1.011
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		11.510	12.690	64.790
%RSD		2.864	3.439	2.000
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		46.168%	6.492	0.116
%RSD		0.246	1.638	52.480
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.436	71.720	2.123
%RSD		30.350	0.632	5.160
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.036	-4.858
%RSD		0.000	11.780	101.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.474	56.624%	2.370
%RSD		10.160	0.278	1.659
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.328	12.760	0.000
%RSD		3.953	1.044	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		72.475%	0.260	0.416
%RSD		0.252	4.948	5.755
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		6.539	78.835%	
%RSD		0.793	0.376	

240-17988 -f-1-d ms, 11/30/2012 03:07:38 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		40.866%	M 1023.000	107.800
%RSD		0.965	M 1.066	0.952
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8318.000	M 99470.000	M 24570.000
%RSD		0.543	M 1.136	M 0.119
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11130.000	TM 433600.000
%RSD		0.000	T 6.753	TM 6.686
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 56.166%	39.676%	M 1540.000
%RSD		T 5.687	1.036	M 0.649
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 891.100	M 897.800	67.100
%RSD		M 0.872	M 0.390	10.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2254.000	TM 81140.000	M 786.100
%RSD		TM 6.340	TM 1.141	M 0.454
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 787.000	M 782.000	M 1187.000
%RSD		M 0.893	M 0.458	M 0.717
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		42.496%	M 854.900	-4.404
%RSD		1.639	M 0.806	10.450
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 876.300	M 1226.000	89.420
%RSD		M 1.156	M 0.214	2.310
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	79.990	502.500
%RSD		0.000	0.712	44.340
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 886.900	53.431%	91.390
%RSD		M 0.837	1.091	1.703
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		38.670	M 914.100	0.000
%RSD		1.544	M 0.314	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		72.201%	60.770	TM 218.900
%RSD		1.482	2.435	TM 0.722
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 985.100	71.747%	
%RSD		TM 1.029	0.713	

240-17988 -f-1-e msd, 11/30/2012 03:14:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.075%	M 933.000	107.100
%RSD		0.233	M 0.447	0.513
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8506.000	95010.000	M 21400.000
%RSD		0.590	0.588	M 0.393
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9945.000	TM 407900.000
%RSD		T 0.000	T 0.455	TM 0.058
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 61.745%	42.162%	M 1088.000
%RSD		T 0.620	1.540	M 0.796
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 893.900	M 934.300	77.940
%RSD		M 0.208	M 0.444	3.728
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2087.000	TM 68780.000	M 806.800
%RSD		TM 0.282	TM 0.760	M 0.144
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 801.900	M 799.500	M 1046.000
%RSD		M 0.805	M 0.807	M 0.694
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		44.090%	M 783.300	-3.898
%RSD		1.687	M 1.257	14.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 748.300	M 1238.000	107.700
%RSD		M 1.076	M 0.304	0.903
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	81.690	466.500
%RSD		0.000	0.602	28.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 832.600	56.330%	96.470
%RSD		M 0.175	1.275	0.211
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		57.750	M 919.800	0.000
%RSD		0.270	M 1.013	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.899%	81.330	TM 228.700
%RSD		1.627	0.754	TM 0.215
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1014.000	72.725%	
%RSD		TM 0.088	1.078	

CCV 14 11/30/2012 03:22:10 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.133%	120.172%	112.438%
%RSD		0.957	0.616	1.732
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 103.022%	113.684%	109.016%
%RSD		T 1.153	0.959	0.892
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 107.391%	107.024%
%RSD		T 0.000	T 0.829	0.657
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		60.312%	44.833%	101.024%
%RSD		0.446	1.733	1.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.377%	98.701%	-33.910
%RSD		0.385	0.721	5.533
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 109.778%	T 106.027%	94.642%
%RSD		T 0.503	T 0.433	0.753
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.667%	93.019%	107.895%
%RSD		0.664	1.269	1.298
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.191%	94.320%	-0.615
%RSD		0.833	0.701	44.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.245%	104.316%	102.286%
%RSD		0.165	0.860	0.915
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.086%	23.990
%RSD		0.000	1.295	201.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.559%	59.279%	105.178%
%RSD		1.323	0.809	0.216
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.998%	100.267%	0.000
%RSD		0.406	0.441	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.624%	104.402%	91.368%
%RSD		0.740	0.541	0.130
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.507%	78.888%	
%RSD		0.804	0.281	

CCB 14 11/30/2012 03:29:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.522%	0.207	0.937
%RSD		0.797	11.290	7.104
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		69.130	126.100	7.959
%RSD		13.330	18.270	15.750
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	67.410	98.560
%RSD		T 0.000	0.377	1.489
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.624%	42.331%	0.557
%RSD		1.345	0.711	37.270
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.297	0.051	-44.130
%RSD		46.930	71.650	1.255
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.729	48.810	0.329
%RSD		2.298	10.060	21.640
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.344	0.395	2.940
%RSD		38.950	24.300	4.405
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		47.919%	-0.082	-0.164
%RSD		0.339	52.720	17.430
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.574	0.722	0.070
%RSD		10.450	18.770	168.500
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.164	-0.904
%RSD		0.000	15.020	177.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.373	58.151%	0.326
%RSD		17.740	0.415	4.600
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.367	0.380	0.000
%RSD		6.568	13.800	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		72.434%	0.912	0.549
%RSD		0.587	3.343	1.109
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.362	83.526%	
%RSD		21.930	0.151	

240-17988 -f-2-a, 11/30/2012 03:34:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		43.764%	1.034	23.650
%RSD		0.492	4.342	1.649
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		475.300	76210.000	M 15260.000
%RSD		1.116	0.405	M 1.196
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2798.000	TM 415900.000
%RSD		T 0.000	T 0.477	TM 0.446
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 61.133%	40.934%	M 807.000
%RSD		T 0.640	1.310	M 2.485
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		62.450	44.130	-46.760
%RSD		0.263	1.103	1.991
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1297.000	TM 51410.000	20.390
%RSD		TM 0.253	TM 0.787	2.182
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		51.750	49.870	M 198.700
%RSD		1.343	0.358	M 1.171
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		42.239%	26.130	0.573
%RSD		0.987	2.127	16.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.000	M 374.200	14.230
%RSD		10.740	M 0.358	0.642
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.077	-21.520
%RSD		0.000	16.840	41.420
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.045	54.756%	12.790
%RSD		9.190	0.829	1.737
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.740	86.160	0.000
%RSD		3.266	0.890	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.204%	0.668	1.291
%RSD		1.349	4.755	1.822
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		31.690	71.133%	
%RSD		0.920	0.612	

240-17988 -f-3-a, 11/30/2012 03:40:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		41.638%	1.497	26.260
%RSD		0.517	3.879	1.177
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		559.800	76270.000	M 15740.000
%RSD		0.590	0.569	M 0.309
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3025.000	TM 461100.000
%RSD		0.000	T 0.064	TM 0.052
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 58.791%	38.766%	M 650.000
%RSD		T 0.793	0.869	M 2.113
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		31.850	M 1249.000	112.500
%RSD		7.426	M 0.221	8.021
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1880.000	TM 69000.000	28.460
%RSD		TM 0.239	TM 0.675	0.622
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1447.000	70.350	M 262.500
%RSD		M 0.343	1.269	M 1.999
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		40.232%	43.740	0.546
%RSD		1.586	1.315	11.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.360	M 396.900	31.860
%RSD		16.080	M 1.039	0.450
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.095	-25.370
%RSD		0.000	18.130	65.130
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.300	52.493%	8.710
%RSD		11.300	1.123	0.745
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.013	64.310	0.000
%RSD		1.387	0.902	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		71.223%	0.375	2.248
%RSD		1.235	3.530	0.552
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		48.160	69.517%	
%RSD		0.796	0.481	

240-17988 -f-4-a, 11/30/2012 03:45:59 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.992%	1.074	22.370
%RSD		0.770	1.120	1.761
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		527.100	54960.000	M 14040.000
%RSD		0.816	0.834	M 0.054
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3156.000	M 311700.000
%RSD		T 0.000	T 0.550	M 0.355
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		55.111%	41.048%	M 706.800
%RSD		1.023	0.225	M 1.020
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		60.910	103.400	-36.050
%RSD		1.346	0.751	1.006
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1179.000	T 49090.000	17.980
%RSD		TM 0.587	T 0.346	1.427
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		53.840	56.380	182.100
%RSD		0.949	2.186	0.493
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		43.196%	29.960	0.518
%RSD		0.938	1.392	34.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.257	M 281.000	17.280
%RSD		25.770	M 0.620	1.474
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.083	-24.860
%RSD		0.000	13.070	15.060
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.948	55.359%	13.370
%RSD		7.162	0.851	1.062
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.799	53.970	0.000
%RSD		4.848	1.234	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		74.602%	0.470	1.261
%RSD		0.832	3.775	1.751
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		32.370	73.283%	
%RSD		0.576	0.930	

240-17966 -b-21 -a, 11/30/2012 03:51:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.589%	7.580	85.350
%RSD		0.502	2.686	1.311
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		314.600	29670.000	TM 97320.000
%RSD		0.291	1.299	TM 0.734
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 18510.000	78610.000
%RSD		T 0.000	T 0.668	0.440
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.550%	46.282%	M 342.300
%RSD		0.246	2.292	M 1.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		144.800	120.600	-37.620
%RSD		1.009	0.780	8.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8686.000	TM 196800.000	76.700
%RSD		TM 0.220	TM 0.929	0.327
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		160.000	M 221.900	M 720.600
%RSD		0.750	M 0.792	M 0.357
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.295%	41.000	0.832
%RSD		1.644	2.259	11.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.774	M 277.900	4.128
%RSD		2.083	M 0.287	2.798
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.405	-74.140
%RSD		0.000	4.454	8.738
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.339	60.334%	23.750
%RSD		5.497	1.677	1.642
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		18.190	M 749.000	0.000
%RSD		0.267	M 0.050	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.473%	0.640	1.265
%RSD		1.599	3.666	1.462
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1496.000	88.390%	
%RSD		TM 1.314	0.778	

240-17966 -b-22 -a, 11/30/2012 03:57:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.692%	10.490	85.300
%RSD		0.695	3.885	1.686
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		499.100	43880.000	TM 150700.000
%RSD		1.842	1.193	TM 1.141
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 27960.000	89660.000
%RSD		T 0.000	T 0.260	0.417
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.622%	53.320%	M 551.100
%RSD		0.559	1.393	M 0.201
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 212.500	169.300	-23.230
%RSD		M 1.624	1.215	2.040
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10990.000	TM 276100.000	103.100
%RSD		TM 0.287	TM 0.710	0.862
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 204.700	163.500	M 695.800
%RSD		M 1.248	0.206	M 0.543
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.521%	50.750	0.986
%RSD		1.647	1.017	4.739
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.874	M 360.700	3.754
%RSD		9.117	M 0.620	3.926
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.309	-73.360
%RSD		0.000	4.521	14.770
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.604	66.098%	17.620
%RSD		1.126	1.213	0.943
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		12.180	M 887.000	0.000
%RSD		1.078	M 0.492	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.408%	0.446	1.327
%RSD		0.904	5.513	0.879
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 736.600	92.263%	
%RSD		TM 0.539	0.702	

240-17966 -b-23 -a, 11/30/2012 04:02:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.087%	9.855	71.730
%RSD		1.339	1.810	1.254
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		667.900	51760.000	TM 152000.000
%RSD		0.503	1.472	TM 0.667
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22100.000	98920.000
%RSD		T 0.000	T 0.867	0.352
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.118%	60.557%	M 548.900
%RSD		0.900	0.599	M 1.302
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 230.700	179.400	-19.610
%RSD		M 0.218	0.145	10.120
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11180.000	TM 358400.000	120.500
%RSD		TM 0.553	TM 0.431	0.333
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 239.100	140.800	M 563.200
%RSD		M 0.697	0.749	M 0.472
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.724%	49.160	0.994
%RSD		1.515	0.667	10.620
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.110	M 435.200	4.703
%RSD		2.385	M 0.558	1.488
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.288	-128.000
%RSD		0.000	6.016	18.050
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.844	70.288%	12.550
%RSD		15.660	1.644	0.841
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.826	M 757.900	0.000
%RSD		0.418	M 0.286	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		115.344%	0.358	1.459
%RSD		0.840	2.924	1.091
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		188.600	92.722%	
%RSD		0.337	1.049	

240-17966 -b-24 -a, 11/30/2012 04:08:10 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.824%	10.910	161.100
%RSD		0.649	2.943	0.798
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		686.700	66070.000	TM 172600.000
%RSD		1.531	0.207	TM 0.373
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 33740.000	M 228300.000
%RSD		0.000	T 0.603	M 0.249
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.644%	49.149%	M 308.100
%RSD		0.508	1.864	M 1.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 230.300	M 205.100	-25.670
%RSD		M 0.668	M 0.526	4.829
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4983.000	TM 307800.000	124.900
%RSD		TM 0.268	TM 0.195	0.035
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 236.300	M 205.100	M 617.300
%RSD		M 0.255	M 0.327	M 0.209
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.321%	20.820	0.942
%RSD		1.625	2.185	18.060
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.290	M 488.000	0.216
%RSD		6.971	M 0.385	52.240
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.123	-48.020
%RSD		0.000	13.210	22.020
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.324	61.698%	11.160
%RSD		7.763	0.969	1.349
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.462	M 438.000	0.000
%RSD		5.353	M 0.621	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.840%	0.180	1.091
%RSD		1.270	0.872	3.981
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		50.680	86.061%	
%RSD		0.633	1.603	

240-17970 -b-1-a, 11/30/2012 04:13:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.796%	9.874	94.510
%RSD		0.612	0.537	0.624
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		383.800	44260.000	TM 139900.000
%RSD		1.423	0.610	TM 0.211
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 29070.000	65850.000
%RSD		T 0.000	T 0.565	0.217
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.214%	58.109%	M 419.700
%RSD		0.455	1.177	M 1.029
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		197.300	163.100	-23.760
%RSD		0.347	0.243	5.992
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 13490.000	TM 278400.000	108.800
%RSD		TM 0.102	TM 0.815	0.103
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 204.600	154.500	M 644.300
%RSD		M 0.305	1.553	M 0.839
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.749%	44.020	0.954
%RSD		0.916	0.592	23.090
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.967	M 259.400	4.390
%RSD		5.643	M 0.584	1.982
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.383	-100.600
%RSD		0.000	5.029	17.690
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.715	70.610%	15.180
%RSD		4.616	0.752	1.067
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		6.919	M 998.900	0.000
%RSD		1.109	M 0.246	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.488%	0.367	1.379
%RSD		1.347	2.067	0.850
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 655.800	96.101%	
%RSD		TM 0.334	0.752	

240-17970 -b-2-a, 11/30/2012 04:19:17 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.004%	12.250	96.870
%RSD		0.584	1.712	0.608
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		550.500	54260.000	TM 180200.000
%RSD		1.082	1.307	TM 0.771
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 35220.000	72830.000
%RSD		T 0.000	T 0.509	0.583
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.464%	59.668%	M 569.500
%RSD		0.428	0.508	M 0.365
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 240.500	195.200	-15.150
%RSD		M 1.099	0.596	27.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 13890.000	TM 318600.000	120.100
%RSD		TM 0.039	TM 0.479	0.241
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 237.300	165.700	M 721.800
%RSD		M 0.372	0.809	M 0.245
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.827%	48.590	1.217
%RSD		1.767	1.342	18.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.416	M 312.000	3.958
%RSD		4.153	M 0.230	2.361
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.326	-81.840
%RSD		0.000	0.774	9.579
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.425	72.523%	13.030
%RSD		4.048	0.789	0.517
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.498	M 1056.000	0.000
%RSD		0.483	M 0.530	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.537%	0.336	1.333
%RSD		1.272	2.398	2.094
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 293.000	98.019%	
%RSD		TM 0.352	0.850	

240-17970 -b-3-a, 11/30/2012 04:24:50 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.954%	12.010	126.700
%RSD		0.362	1.309	0.028
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		898.000	59800.000	TM 188900.000
%RSD		0.059	0.473	TM 0.175
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 32170.000	M 122600.000
%RSD		T 0.000	T 1.127	M 0.773
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.894%	59.932%	M 414.600
%RSD		0.136	1.301	M 0.979
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 268.700	M 210.300	-21.690
%RSD		M 0.088	M 0.176	12.950
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11700.000	TM 372800.000	120.600
%RSD		TM 0.816	TM 0.369	0.757
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 251.200	163.800	M 698.300
%RSD		M 0.062	0.597	M 0.606
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.843%	56.150	1.182
%RSD		1.304	1.256	8.084
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.456	M 562.500	5.693
%RSD		8.094	M 0.751	2.283
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.320	-116.700
%RSD		0.000	4.680	16.830
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.945	70.930%	12.070
%RSD		3.015	1.014	1.766
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.512	M 883.600	0.000
%RSD		3.856	M 0.492	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.914%	0.283	1.496
%RSD		1.094	6.681	1.310
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		142.000	95.305%	
%RSD		0.246	0.974	

CCV 15 11/30/2012 04:30:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.403%	113.968%	107.543%
%RSD		0.096	0.563	0.216
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.590%	112.784%	107.304%
%RSD		T 0.695	0.785	0.697
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 113.245%	107.460%
%RSD		T 0.000	T 0.905	0.386
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.821%	52.090%	101.640%
%RSD		0.773	0.691	3.036
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.083%	96.922%	-34.780
%RSD		0.459	1.043	2.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 111.168%	T 108.672%	93.969%
%RSD		T 0.246	T 0.439	1.049
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.384%	92.442%	106.587%
%RSD		1.094	0.763	0.277
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.198%	94.630%	-0.739
%RSD		1.272	0.162	16.710
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		102.414%	103.390%	100.801%
%RSD		1.488	0.082	0.202
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.846%	73.190
%RSD		0.000	0.820	34.870
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.755%	66.860%	104.299%
%RSD		1.234	0.561	1.165
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.715%	99.947%	0.000
%RSD		1.691	0.489	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.173%	103.667%	91.452%
%RSD		0.956	0.747	0.594
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.978%	88.106%	
%RSD		0.312	0.992	

CCB 15 11/30/2012 04:36:57 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.171%	0.218	0.967
%RSD		1.077	5.102	1.440
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		50.270	81.980	11.370
%RSD		3.742	5.257	36.080
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	76.230	123.700
%RSD		T 0.000	0.849	4.413
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.800%	47.993%	0.521
%RSD		0.574	0.752	70.750
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.382	-0.173	-47.070
%RSD		40.370	17.620	1.666
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.134	52.190	0.182
%RSD		2.601	11.260	13.680
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.220	0.210	2.521
%RSD		7.848	40.970	6.849
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.987%	-0.349	-0.139
%RSD		0.748	50.510	13.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.145	0.519	-0.005
%RSD		111.200	5.017	840.500
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.112	1.285
%RSD		0.000	1.335	156.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.185	64.566%	0.228
%RSD		7.846	0.398	14.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.228	0.235	0.000
%RSD		15.740	18.010	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.843%	0.836	0.374
%RSD		0.704	11.220	3.919
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.189	93.260%	
%RSD		8.240	0.504	

240-17970 -b-4-a, 11/30/2012 04:42:28 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.992%	8.720	79.610
%RSD		0.088	0.422	0.742
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		720.600	50900.000	TM 143700.000
%RSD		0.582	0.313	TM 0.362
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 20680.000	98810.000
%RSD		T 0.000	T 0.395	0.628
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.215%	60.143%	M 505.200
%RSD		0.990	2.114	M 1.340
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 213.300	165.900	-23.150
%RSD		M 0.703	0.204	10.430
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8342.000	TM 316100.000	105.900
%RSD		TM 0.352	TM 0.525	0.530
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 216.100	141.500	M 533.100
%RSD		M 0.960	0.488	M 0.431
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.477%	44.280	1.067
%RSD		2.034	0.926	3.837
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.566	M 441.200	4.754
%RSD		9.537	M 0.751	1.480
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.247	-100.800
%RSD		0.000	4.705	6.120
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.757	71.111%	11.960
%RSD		4.095	1.824	1.239
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.208	M 649.000	0.000
%RSD		8.069	M 0.021	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.706%	0.489	1.356
%RSD		2.183	2.658	2.949
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		124.900	94.153%	
%RSD		0.216	1.738	

240-17970 -b-5-a, 11/30/2012 04:48:01 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.384%	7.477	60.910
%RSD		0.462	0.450	1.351
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		267.000	41310.000	TM 112200.000
%RSD		1.440	1.103	TM 0.715
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 19010.000	50690.000
%RSD		T 0.000	T 6.899	7.648
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.616%	65.201%	M 518.700
%RSD		T 7.768	1.353	M 0.545
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		168.200	144.600	-23.540
%RSD		0.562	0.280	13.240
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9169.000	TM 265300.000	106.600
%RSD		TM 7.680	TM 0.294	0.545
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		193.800	179.400	M 643.400
%RSD		0.719	0.445	M 0.242
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.504%	37.170	0.802
%RSD		1.396	0.786	10.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.667	M 234.000	2.885
%RSD		7.071	M 1.068	4.808
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.333	-93.530
%RSD		0.000	4.126	7.577
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.468	76.376%	18.410
%RSD		4.436	1.024	2.886
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		6.458	M 663.300	0.000
%RSD		0.520	M 0.954	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		113.652%	0.483	1.213
%RSD		1.075	3.129	1.642
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 860.500	101.820%	
%RSD		TM 0.067	0.974	

240-17970 -b-6-a, 11/30/2012 04:53:36 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.964%	7.310	62.810
%RSD		0.549	1.061	1.155
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		263.300	40200.000	TM 108600.000
%RSD		0.706	0.899	TM 0.592
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 20810.000	67740.000
%RSD		T 0.000	T 0.083	0.455
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.634%	63.566%	M 482.100
%RSD		0.498	1.055	M 2.134
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		167.700	143.900	-27.970
%RSD		0.558	0.707	13.710
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9862.000	TM 262400.000	104.900
%RSD		TM 0.312	TM 0.236	0.213
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		187.500	186.200	M 680.100
%RSD		0.823	0.579	M 0.200
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.403%	38.930	1.081
%RSD		1.127	0.390	9.547
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.617	M 255.400	3.055
%RSD		2.289	M 0.205	6.140
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.345	-81.060
%RSD		0.000	10.990	24.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.699	75.589%	19.550
%RSD		9.827	0.888	1.398
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.241	M 662.700	0.000
%RSD		1.183	M 0.648	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.655%	0.525	1.189
%RSD		0.811	0.958	1.850
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1022.000	101.218%	
%RSD		TM 0.267	0.919	

240-17970 -b-7-a, 11/30/2012 04:59:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.733%	9.558	85.860
%RSD		1.110	2.443	0.826
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		403.000	47120.000	TM 146800.000
%RSD		0.342	0.764	TM 0.288
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 28960.000	47930.000
%RSD		T 0.000	T 7.480	6.996
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 81.110%	62.077%	M 466.600
%RSD		T 6.807	1.251	M 1.274
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		193.000	168.100	-19.590
%RSD		0.662	0.412	12.050
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9027.000	TM 271700.000	106.700
%RSD		TM 7.290	TM 0.962	0.252
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 200.500	134.700	M 592.200
%RSD		M 0.759	0.752	M 0.422
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.562%	34.250	1.020
%RSD		2.391	1.272	5.551
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.521	M 224.800	1.769
%RSD		4.934	M 0.385	1.143
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.232	-74.570
%RSD		0.000	3.697	11.460
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.809	75.347%	10.910
%RSD		4.142	1.557	0.407
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.901	M 599.300	0.000
%RSD		1.986	M 0.150	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.595%	0.258	1.072
%RSD		1.647	4.967	1.864
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 234.600	99.134%	
%RSD		TM 0.470	1.666	

240-17970 -b-8-a, 11/30/2012 05:04:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.793%	7.747	56.800
%RSD		0.564	1.274	1.203
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		371.400	44540.000	TM 125400.000
%RSD		1.404	0.437	TM 0.634
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 19200.000	70150.000
%RSD		T 0.000	T 0.516	0.137
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 90.479%	66.774%	M 547.700
%RSD		T 0.135	1.085	M 0.990
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		186.200	150.500	-21.270
%RSD		0.098	0.481	10.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9321.000	TM 302200.000	112.000
%RSD		TM 0.279	TM 0.728	0.298
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 208.100	130.900	M 476.100
%RSD		M 0.881	0.455	M 0.377
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.827%	37.030	0.990
%RSD		0.982	0.349	14.670
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.598	M 319.200	2.985
%RSD		6.479	M 0.534	2.190
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.218	-86.450
%RSD		0.000	7.633	6.086
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.616	77.476%	13.630
%RSD		7.178	0.829	0.690
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.098	M 583.600	0.000
%RSD		0.520	M 0.640	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		118.012%	0.364	1.105
%RSD		1.614	3.337	1.010
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		123.300	99.555%	
%RSD		0.616	0.787	

AG 1000 PPB 11/30/2012 05:10:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.247%	0.008	0.613
%RSD		0.788	33.400	31.330
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-16.730	54.410	126.300
%RSD		3.269	16.990	8.623
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	28.660	52.400
%RSD		T 0.000	4.440	3.870
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 100.385%	68.833%	0.946
%RSD		T 0.436	0.607	7.026
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.056	0.218	-29.180
%RSD		325.900	18.550	4.513
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		5.810	286.000	0.136
%RSD		0.551	10.650	2.206
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.265	0.160	1.224
%RSD		34.380	52.050	1.903
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.610%	-0.025	-0.035
%RSD		0.635	275.400	221.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.002	0.332	-0.827
%RSD		2714.000	15.290	3.087
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 1323.000	7.588
%RSD		0.000	TM 0.773	32.450
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	83.174%	0.087
%RSD		86.680	1.182	7.807
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.042	0.723	0.000
%RSD		17.920	10.060	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.184%	0.035	0.035
%RSD		0.439	44.240	13.190
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.298	109.723%	
%RSD		10.830	0.394	

QSM HIGH 11/30/2012 05:15:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.836%	0.210	1.332
%RSD		0.203	12.720	4.191
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4.219	21.980	TM 343700.000
%RSD		14.050	25.520	TM 0.201
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	28.450	TM 348700.000
%RSD		T 0.000	2.590	TM 0.494
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 71.890%	51.897%	1.042
%RSD		T 0.191	0.375	4.013
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		TM 5710.000	TM 5552.000	-91.120
%RSD		TM 0.241	TM 0.538	28.610
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5282.000	TM 325500.000	TM 5102.000
%RSD		TM 0.089	TM 0.367	TM 0.390
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 4408.000	TM 4560.000	M 4546.000
%RSD		M 0.024	TM 0.214	M 0.503
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.267%	M 4487.000	-0.151
%RSD		0.338	M 0.313	14.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.233	2.081	-0.450
%RSD		14.320	1.188	7.163
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.180	3.350
%RSD		0.000	7.500	132.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.447	70.622%	0.227
%RSD		1.227	0.683	15.680
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.949	TM 5622.000	0.000
%RSD		2.430	TM 0.783	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		78.529%	0.112	0.141
%RSD		1.021	6.489	1.650
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 5643.000	86.104%	
%RSD		TM 0.705	1.322	

AG 2000 PPB 11/30/2012 05:21:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.121%	0.006	0.063
%RSD		0.249	18.600	81.980
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-6.862	12.750	199.400
%RSD		8.830	18.890	19.190
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	14.170	136.000
%RSD		T 0.000	1.053	12.520
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.351%	54.596%	0.148
%RSD		0.133	0.236	84.140
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		2.332	2.276	-38.690
%RSD		13.150	23.390	1.848
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.974	218.500	2.525
%RSD		10.100	19.120	17.820
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.482	2.732	3.813
%RSD		13.100	14.090	12.160
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.275%	2.775	-0.141
%RSD		1.172	12.390	9.177
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.020	0.081	-0.881
%RSD		360.100	20.830	1.783
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 2671.000	10.400
%RSD		0.000	TM 0.674	11.570
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.000	71.006%	0.022
%RSD		3644.000	0.461	50.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.024	2.971	0.000
%RSD		52.780	15.440	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.143%	0.023	0.015
%RSD		0.581	52.460	11.290
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.747	99.964%	
%RSD		18.250	0.225	

240-17317 -a-23-b@10, 11/30/2012 05:27:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		48.145%	1.704	11.680
%RSD		0.534	6.497	2.639
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		188.700	6851.000	M 10980.000
%RSD		1.898	1.737	M 1.207
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	878.200	73530.000
%RSD		T 0.000	0.703	0.312
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.502%	44.545%	150.100
%RSD		0.560	1.297	0.551
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.557	24.340	-49.570
%RSD		1.983	0.683	1.359
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1773.000	T 21760.000	4.105
%RSD		TM 0.560	T 0.759	2.820
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		32.600	M 236.200	M 1523.000
%RSD		2.093	M 0.794	M 0.091
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.160%	9.276	-0.054
%RSD		0.891	0.957	186.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.047	170.100	0.273
%RSD		7.782	0.482	3.489
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.089	-2.079
%RSD		0.000	12.790	462.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.777	60.854%	2.290
%RSD		3.568	1.064	1.697
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.332	147.400	0.000
%RSD		6.373	0.464	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.764%	0.125	0.131
%RSD		0.577	2.260	0.582
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		122.900	88.067%	
%RSD		0.501	0.463	

240-17317 -a-24-b@5, 11/30/2012 05:32:35 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.818%	1.643	12.310
%RSD		0.710	4.373	3.684
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		175.300	6809.000	M 11540.000
%RSD		2.084	2.034	M 0.402
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1170.000	M 137600.000
%RSD		T 0.000	0.224	M 0.310
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		57.843%	46.089%	144.100
%RSD		0.815	1.110	3.913
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		14.080	27.920	-48.380
%RSD		2.484	0.251	2.535
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1872.000	T 36260.000	6.535
%RSD		TM 0.508	T 0.519	1.239
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		34.540	M 1656.000	M 252.600
%RSD		1.278	M 0.596	M 0.566
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.358%	21.920	0.044
%RSD		0.864	3.407	69.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.317	M 271.700	0.784
%RSD		8.366	M 0.268	6.421
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.456	-10.400
%RSD		0.000	27.360	20.890
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.980	62.722%	1.921
%RSD		3.931	0.221	1.931
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.594	165.700	0.000
%RSD		5.138	0.782	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.631%	0.189	0.264
%RSD		0.841	5.673	2.758
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		61.620	88.339%	
%RSD		0.386	0.452	

CCV 16 11/30/2012 05:38:07 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.743%	111.919%	103.924%
%RSD		0.520	0.369	0.964
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.635%	112.998%	109.830%
%RSD		T 0.613	0.301	0.343
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 114.506%	107.486%
%RSD		T 0.000	T 0.750	0.220
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.524%	52.534%	99.238%
%RSD		0.669	1.314	2.877
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		95.620%	96.784%	-32.180
%RSD		0.816	0.720	6.844
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 111.882%	T 107.899%	94.045%
%RSD		T 0.362	T 0.446	0.129
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.190%	92.899%	106.297%
%RSD		0.901	0.746	1.033
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.179%	94.877%	-0.599
%RSD		0.974	1.143	20.440
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.159%	102.107%	101.784%
%RSD		0.487	0.750	0.301
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.709%	69.570
%RSD		0.000	0.136	31.950
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.643%	66.136%	105.123%
%RSD		1.727	1.012	0.879
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.853%	100.824%	0.000
%RSD		0.492	0.665	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.502%	104.012%	90.703%
%RSD		1.046	0.957	0.486
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.472%	87.550%	
%RSD		0.715	0.320	

CCB 16 11/30/2012 05:44:37 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.420%	0.217	0.578
%RSD		0.454	15.630	22.290
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		54.750	88.550	15.590
%RSD		8.575	24.230	12.060
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	79.880	126.900
%RSD		T 0.000	1.470	6.586
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.593%	48.411%	0.111
%RSD		0.450	1.642	187.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.588	-0.159	-46.990
%RSD		54.560	22.620	2.044
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.616	55.180	0.213
%RSD		1.001	3.551	18.560
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.193	0.309	2.925
%RSD		21.830	16.350	4.831
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		54.569%	-0.305	-0.184
%RSD		0.616	30.110	16.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.182	0.552	-0.048
%RSD		32.640	3.587	112.900
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.128	-0.918
%RSD		0.000	33.130	133.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.183	64.730%	0.246
%RSD		13.280	0.632	27.240
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.233	0.253	0.000
%RSD		13.140	11.730	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.663%	0.818	0.363
%RSD		1.049	7.662	4.725
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.218	94.033%	
%RSD		8.545	0.324	

240-17422 -a-4-b@5, 11/30/2012 05:50:10 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.025%	1.696	9.362
%RSD		1.126	3.830	3.419
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		151.300	8701.000	M 23720.000
%RSD		1.394	1.019	M 0.513
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3008.000	17840.000
%RSD		T 0.000	T 0.377	0.414
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.663%	49.791%	154.600
%RSD		0.400	0.611	1.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		35.500	46.360	-43.100
%RSD		0.713	1.138	1.555
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1116.000	TM 64600.000	20.530
%RSD		TM 0.408	TM 0.451	0.491
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		62.730	55.220	M 259.300
%RSD		0.141	0.632	M 0.334
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.480%	40.070	0.141
%RSD		0.904	0.407	69.450
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.272	55.620	3.104
%RSD		5.342	0.445	2.583
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.058	-18.290
%RSD		0.000	5.465	25.910
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.578	65.920%	2.863
%RSD		6.619	0.676	0.982
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.482	143.600	0.000
%RSD		4.239	0.433	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.690%	0.350	0.484
%RSD		0.777	2.772	2.502
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		78.080	93.842%	
%RSD		0.287	0.550	

240-17422 -a-9-d@5, 11/30/2012 05:55:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.022%	1.837	4.295
%RSD		0.479	1.808	3.627
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		64.400	5548.000	M 27050.000
%RSD		2.549	1.049	M 0.666
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1860.000	3683.000
%RSD		T 0.000	T 0.304	0.514
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.933%	60.023%	98.250
%RSD		0.522	0.530	2.928
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		40.120	44.500	-39.050
%RSD		2.381	0.279	0.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2665.000	TM 57480.000	24.560
%RSD		TM 0.058	TM 0.169	0.736
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		50.550	63.070	M 372.400
%RSD		1.403	0.610	M 0.246
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.434%	35.860	0.064
%RSD		0.894	1.060	110.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.383	15.030	3.653
%RSD		10.750	1.654	0.864
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.116	-12.650
%RSD		0.000	2.812	37.020
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.356	74.023%	2.567
%RSD		7.893	1.395	3.153
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.311	167.000	0.000
%RSD		6.387	0.641	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.111%	0.251	0.468
%RSD		1.142	2.448	1.851
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		46.650	101.307%	
%RSD		1.192	0.446	

240-17422 -a-9-k du@5, 11/30/2012 06:01:17 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.847%	1.832	4.160
%RSD		0.433	4.439	2.518
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		67.230	5599.000	M 26870.000
%RSD		1.590	0.996	M 0.531
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1824.000	3523.000
%RSD		T 0.000	T 0.294	0.820
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.795%	61.000%	98.920
%RSD		0.633	1.003	4.379
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		39.550	46.200	-37.120
%RSD		0.812	0.659	3.655
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1958.000	TM 54820.000	22.920
%RSD		TM 0.310	TM 0.373	0.910
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		51.420	61.570	M 366.700
%RSD		2.471	1.324	M 0.796
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.781%	31.840	0.090
%RSD		1.342	0.653	61.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.312	14.930	3.629
%RSD		0.762	0.613	1.759
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.130	-14.120
%RSD		0.000	1.988	44.280
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.314	74.654%	2.665
%RSD		1.716	0.344	0.650
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.303	171.100	0.000
%RSD		3.211	0.530	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.391%	0.222	0.429
%RSD		1.096	5.830	0.536
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		44.720	101.213%	
%RSD		0.470	0.415	

240-17422 -a-9-f ms@5, 11/30/2012 06:06:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.872%	22.520	17.820
%RSD		0.741	1.308	0.418
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1728.000	8160.000	M 32840.000
%RSD		0.271	1.317	M 0.535
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4098.000	5274.000
%RSD		T 0.000	T 0.478	0.797
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.190%	60.342%	107.600
%RSD		0.620	0.534	2.927
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		60.620	66.610	-29.370
%RSD		1.349	0.347	8.339
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1865.000	TM 58250.000	40.680
%RSD		TM 0.771	TM 0.659	0.607
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		69.490	80.710	M 412.000
%RSD		0.245	0.651	M 0.318
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.365%	47.670	0.023
%RSD		1.509	0.574	211.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		19.020	33.600	19.620
%RSD		1.678	0.289	1.043
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	18.620	2.692
%RSD		0.000	0.827	328.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		19.740	73.604%	18.410
%RSD		1.207	1.026	0.478
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.179	188.100	0.000
%RSD		1.252	0.502	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.467%	11.210	15.760
%RSD		0.489	0.593	0.284
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		61.950	99.537%	
%RSD		0.669	0.173	

240-17422 -a-10-b@5, 11/30/2012 06:12:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.849%	2.193	4.865
%RSD		0.706	0.038	1.673
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		76.840	6734.000	M 32990.000
%RSD		0.296	1.456	M 0.575
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1936.000	3055.000
%RSD		T 0.000	T 0.357	0.545
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.323%	61.355%	105.700
%RSD		T 0.328	0.756	1.761
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		48.400	56.050	-33.390
%RSD		0.480	0.082	0.979
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1931.000	TM 73480.000	30.800
%RSD		TM 0.127	TM 1.018	1.076
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		61.720	69.490	M 369.200
%RSD		1.775	1.034	M 0.521
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.899%	41.660	0.099
%RSD		1.184	1.641	65.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.922	16.590	4.730
%RSD		9.448	1.030	4.679
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.128	-8.790
%RSD		0.000	4.111	48.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.181	75.304%	3.091
%RSD		6.483	0.348	2.134
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.384	192.500	0.000
%RSD		5.899	0.766	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.463%	0.335	0.551
%RSD		0.972	11.550	2.953
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		49.760	101.501%	
%RSD		1.261	0.081	

CCV 11/30/2012 06:17:59 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.477%	109.337%	102.050%
%RSD		0.640	0.891	1.364
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.426%	110.906%	102.656%
%RSD		T 0.209	0.322	2.824
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 111.856%	103.749%
%RSD		T 0.000	T 0.618	0.602
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		59.559%	50.475%	97.741%
%RSD		1.004	1.647	2.960
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		93.621%	94.660%	-36.270
%RSD		0.846	0.881	3.583
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 108.885%	T 106.676%	91.616%
%RSD		T 0.331	T 0.274	0.542
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		89.994%	90.316%	98.569%
%RSD		1.255	0.808	1.826
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		53.691%	91.936%	-0.746
%RSD		1.740	0.643	14.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		97.821%	99.024%	99.825%
%RSD		2.043	0.249	1.116
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	96.732%	51.000
%RSD		0.000	0.219	62.940
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		102.222%	63.665%	103.306%
%RSD		0.085	0.879	0.757
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		104.446%	98.130%	0.000
%RSD		0.655	0.232	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		81.782%	101.389%	88.669%
%RSD		1.417	0.709	0.442
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		98.243%	85.968%	
%RSD		0.350	1.046	

CCB 11/30/2012 06:24:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.649%	0.031	0.301
%RSD		0.377	25.430	7.274
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		6.888	34.940	14.070
%RSD		63.920	17.060	24.620
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	26.740	25.140
%RSD		T 0.000	9.339	19.400
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		59.543%	45.772%	0.046
%RSD		0.250	0.080	185.600
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.714	-0.311	-47.530
%RSD		38.970	3.456	1.963
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.580	45.530	0.055
%RSD		16.210	11.480	28.370
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.073	0.083	1.269
%RSD		22.390	53.030	24.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		51.574%	-0.410	-0.098
%RSD		0.465	2.232	35.760
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.053	0.079	-0.181
%RSD		68.970	18.860	85.510
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.070	0.462
%RSD		0.000	17.600	220.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.060	62.014%	0.230
%RSD		46.890	0.464	18.820
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.142	0.143	0.000
%RSD		16.870	7.961	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		78.464%	0.715	0.295
%RSD		0.132	10.410	8.675
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.071	91.395%	
%RSD		15.040	0.699	

CRI-751770 11/30/2012 06:30:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.251%	118.127%	105.064%
%RSD		0.395	4.242	1.160
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		90.497%	116.075%	117.540%
%RSD		0.408	1.417	2.339
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	102.243%	105.591%
%RSD		T 0.000	0.037	3.002
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.534%	45.096%	101.966%
%RSD		0.746	0.810	13.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		82.164%	77.514%	-45.640
%RSD		7.436	3.962	1.789
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		130.343%	136.963%	92.627%
%RSD		4.328	2.832	3.272
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		96.990%	104.160%	106.715%
%RSD		4.277	2.318	6.027
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		50.759%	75.420%	-0.242
%RSD		0.868	6.813	9.324
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		109.541%	94.766%	88.432%
%RSD		3.704	1.339	2.538
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	114.062%	-0.894
%RSD		0.000	4.040	504.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		120.178%	61.704%	104.632%
%RSD		5.175	0.493	1.561
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		106.614%	112.606%	0.000
%RSD		3.323	11.320	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		78.170%	97.911%	99.067%
%RSD		0.880	0.413	0.257
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.633%	90.086%	
%RSD		0.749	0.506	

MDLV 11/30/2012 06:36:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.455%	1.188	44.600
%RSD		0.466	4.625	1.046
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		390.200	300.200	53.310
%RSD		1.172	3.236	1.711
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	111.800	1131.000
%RSD		T 0.000	1.125	1.964
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		57.154%	43.984%	1.916
%RSD		0.803	0.417	9.748
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.119	4.160	-45.280
%RSD		17.640	0.547	2.215
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		11.180	315.900	0.183
%RSD		0.416	0.718	14.210
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		2.412	2.924	22.950
%RSD		2.219	1.053	2.291
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		50.263%	0.979	-0.161
%RSD		1.473	19.360	35.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.554	2.489	3.308
%RSD		17.590	5.548	3.911
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.107	5.090
%RSD		0.000	11.790	37.940
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.103	60.016%	107.900
%RSD		16.350	0.101	0.236
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		1.677	3.184	0.000
%RSD		4.047	1.848	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		76.595%	0.243	1.402
%RSD		0.567	10.370	1.355
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		2.038	89.489%	
%RSD		0.836	0.259	

MTMSCCBDILH20-67

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-30-12 Analyst: NGJ Instrument: I8

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution </= 0.9 AMU full width at 10% peak height, and within +/- 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be>8000cps) (In >300,000 cps) (Pb >100,000 cps) (Co>100000) (Mg>10000) (CeO/Ce<0.03) (Ba++/Ba<0.03) (Background < 30cps @ Mass 220) CCT Performance Check (In > 75000) (Se< 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (*ICV*: = 90 – 110%) (*CCV*: 90 – 110%, 200.8 = 85 -115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
3. CRI run and recovered within QC limits (+/-50%) or project limits?	✓			✓
4. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?				✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie J Toth Date: ~~11-30-12~~ 12-3-12 Time: 09:27 - ~~13:04~~ 02:29

Level I Analyst: _____ Date: 12-3-12 Time: _____ NGJ 12-3-12

Level II Reviewer: Karen L Klouda Date: 12-3-12 Time: 9:27 - 02:29

Level II Reviewer: _____ Date: _____ Time: _____

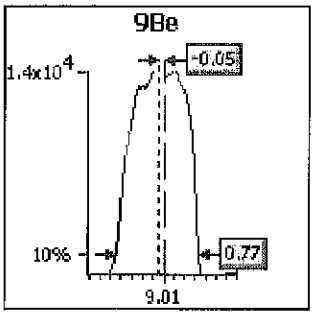
Comments: _____

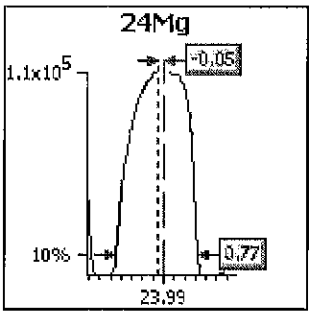
Performance Report

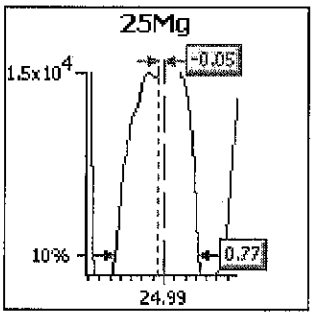
Sample details
Acquired at : 11/30/2012 08:37:35
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

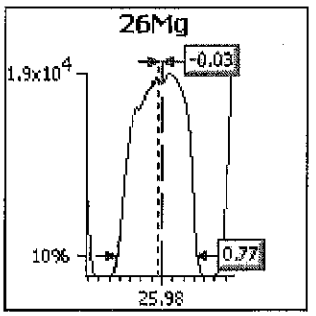
Mass Calibration verification

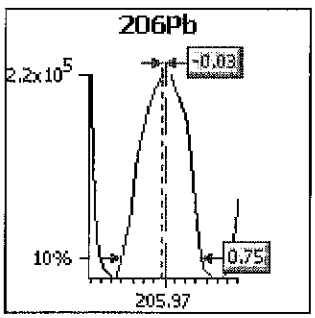
Acquisition parameters
Sweeps : 10
Dwell : 5.0 mSecs
Point spacing : 0.02 amu
Peak width measured at 10% of the peak maximum

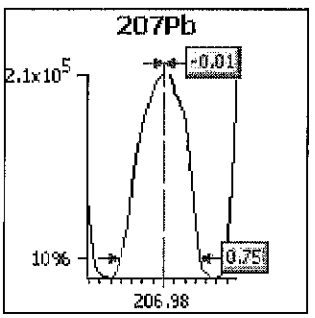


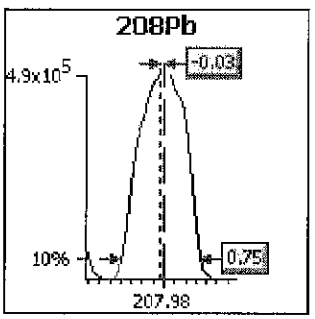












Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.77	-0.05
24Mg	0.85	0.65	0.10	0.77	-0.05
25Mg	0.85	0.65	0.10	0.77	-0.05
26Mg	0.85	0.65	0.10	0.77	-0.03
206Pb	0.85	0.65	0.10	0.75	-0.03
207Pb	0.85	0.65	0.10	0.75	-0.01
208Pb	0.85	0.65	0.10	0.75	-0.03

Sample details
Acquired at : 11/30/2012 08:37:35
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Tune conditions

Major	
Extraction	-78.4
Lens 1	-1153
Lens 2	-80.0
Focus	9.0
D1	-43.1
D2	-140
Pole Bias	0.0
Hexapole Bias	-4.0
Nebuliser	0.80

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	54
Vertical	550
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	130

Global	
Standard resolution	135
High resolution	135
Analogue Detector	2000
PC Detector	3130

Add. Gases	
He_H2	0.00
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	137Ba++	101Bkg	115In
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0	10.0
Limits	%RSD	-	5.0%	-	5.0%	-	5.0%	-	-	5.0%
	Countrate	-	>8000	>10000	>10000	>10000	>100000	-	-	>300000
1	08:38:09	0.667	13708.969	117361.76	15417.127	18663.778	122478.38	301.114	0.333	430594.75
2	08:38:27	0.333	14199.379	117412.12	15507.211	18480.240	122532.11	304.447	0.667	426853.68
3	08:38:45	0.333	13929.152	116243.97	15690.716	18650.429	121746.38	294.447	1.333	424915.07
4	08:39:02	0.000	13812.388	119083.91	15393.772	18313.389	121262.87	304.447	1.000	430382.71
5	08:39:20	0.000	13895.790	117872.01	15417.127	18600.373	121796.75	301.114	1.333	426552.79
x		0.267	13909.136	117594.76	15485.191	18541.642	121963.30	301.114	0.933	427859.80
σ		0.28	183.20	1025.52	122.83	146.69	537.18	4.08	0.43	2511.82
%RSD		104.583	1.317	0.872	0.793	0.791	0.440	1.356	46.566	0.587

Run	Time	137Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	-	-	-	-	5.0%	-
	Countrate	-	-	-	>100000	>100000	>100000	<30
1	08:38:09	55074.178	431449.78	10324.308	235339.90	211493.42	502932.10	0.000
2	08:38:27	55261.463	424009.10	10432.153	232851.98	208809.90	502286.39	0.000
3	08:38:45	55512.295	427164.83	10190.892	230303.61	210251.19	499569.88	0.000
4	08:39:02	54602.630	428464.22	10408.805	230340.78	210352.45	502423.77	0.667
5	08:39:20	55438.717	423434.77	10239.811	234244.63	207675.87	502337.91	0.000
x		55177.857	426904.54	10319.194	232616.18	209716.57	501910.01	0.133
σ		363.50	3300.85	104.38	2272.20	1486.09	1333.19	0.30
%RSD		0.659	0.773	1.011	0.977	0.709	0.266	223.607

Ratio results

Run	Time	137Ba++/137Ba	156Ce O/140Ce
Ratio limits		<0.0300	<0.0300
1	08:38:09	0.005	0.024
2	08:38:27	0.006	0.025
3	08:38:45	0.005	0.024
4	08:39:02	0.006	0.024
5	08:39:20	0.005	0.024
x		0.0055	0.0242
σ		0.00	0.00
%RSD		1.8534	1.2396

Result : The performance report passed.

Performance Report

Sample details
Acquired at : 11/30/2012 08:41:27
Report name : CCT MODE PERF REPORT [5/20/2011 11:37:05]

Tune conditions

Major	
Extraction	-78.4
Lens 1	-1153
Lens 2	-80.0
Focus	-1.8
D1	-50.2
D2	-140
Pole Bias	-14.0
Hexapole Bias	-17.0
Nebuliser	0.80

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	54
Vertical	550
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	130

Global	
Standard resolution	135
High resolution	135
Analogue Detector	2000
PC Detector	3130

Add. Gases	
He_H2	3.10
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	78Se	115In
Dwell (mSecs)		100.0	10.0
Limits	%RSD	-	5.0%
	Countrate	<20	>75000
1	08:41:28	13.000	146077.36
2	08:41:33	9.333	145697.39
3	08:41:38	12.667	145791.55
4	08:41:43	11.000	145542.72
5	08:41:48	10.000	144574.34
x		11.200	145536.67
σ		1.61	572.11
%RSD		14.366	0.393

Result : The performance report passed.

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020-200.8_MULTIMODE.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	11/30/2012 09:25:59
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

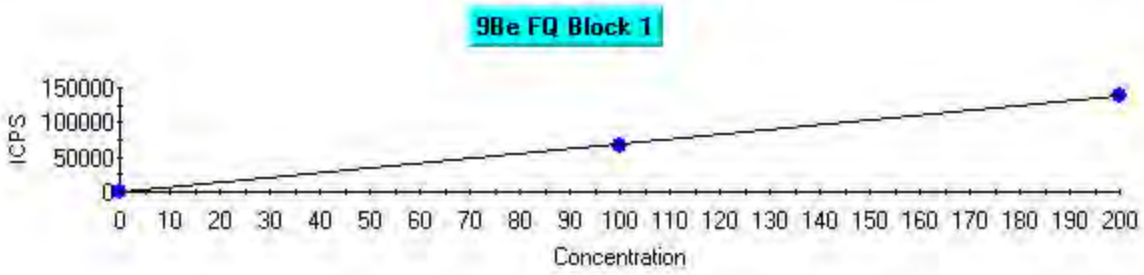
Column headings
- No flag
- Semi Quant
- Standard Addition
- Multi Element

Result cells
- Internal Standard
- Excluded
- QC Warning
- QC Failure

Transient TRA only:
- Peak Not Found
- Manually Edited
- Merged Peak

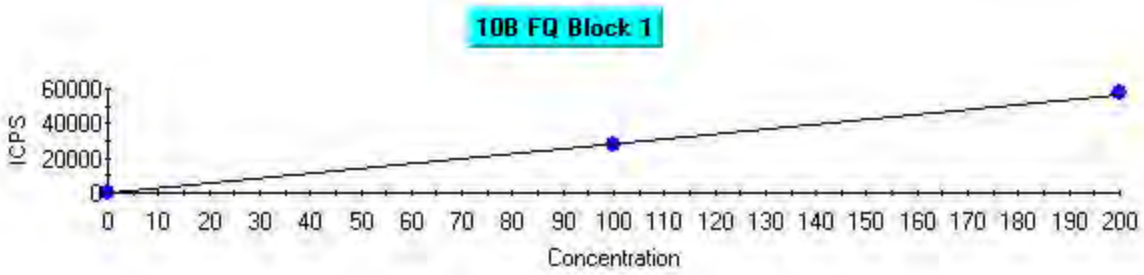
Data warning flags
I - Invalid calibration
T - Tripped
F - Interference correction failed
M - Result over max
V - Valley integration failed
D - Different method used

Fully Quant Calibration



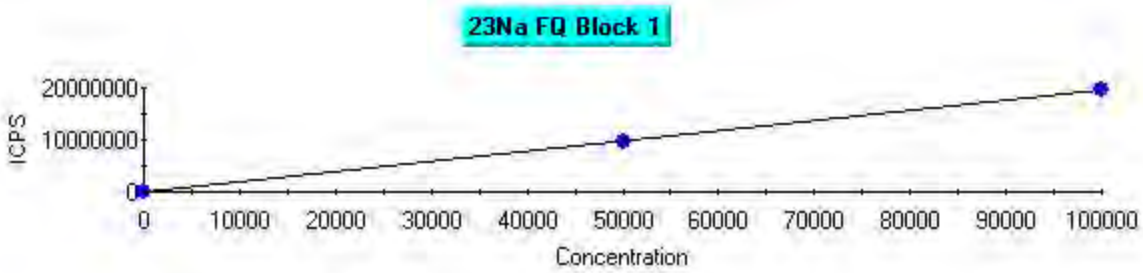
Intercept CPS=3.322158 Intercept Conc=0.004821
Sensitivity=689.080010 Correlation Coeff=0.999905

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	3.32	0.00
STD2-761715,	100.000	98.082	1.918	67589.33	1.92
STD3-664982,	200.000	200.959	0.959	138480.32	0.48



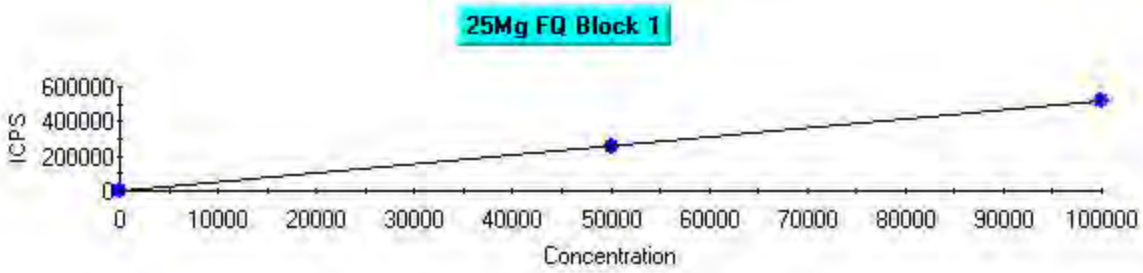
Intercept CPS=206.310845 Intercept Conc=0.725967
Sensitivity=284.187687 Correlation Coeff=0.999454

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	206.31	0.00
STD2-761715,	100.000	95.364	4.636	27307.72	4.64
STD4-664981,	200.000	202.318	2.318	57702.53	1.16



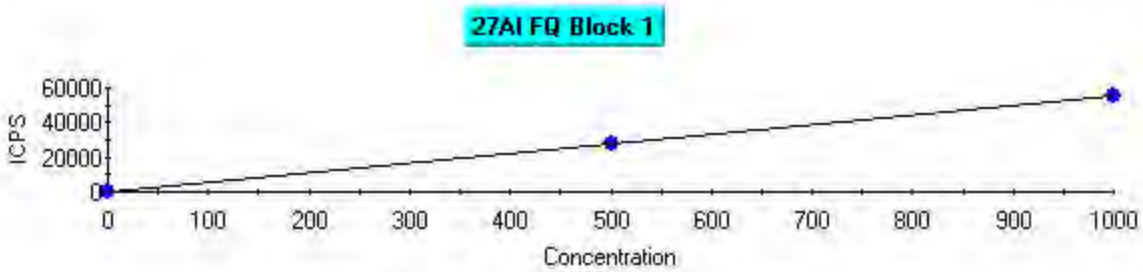
Intercept CPS=2478.050461 Intercept Conc=12.644617
Sensitivity=195.976716 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2478.05	0.00
STD2-761715,	50000.000	49759.077	240.923	9754098.54	0.48
STD3-664982,	100000.000	100120.462	120.462	19623757.31	0.12



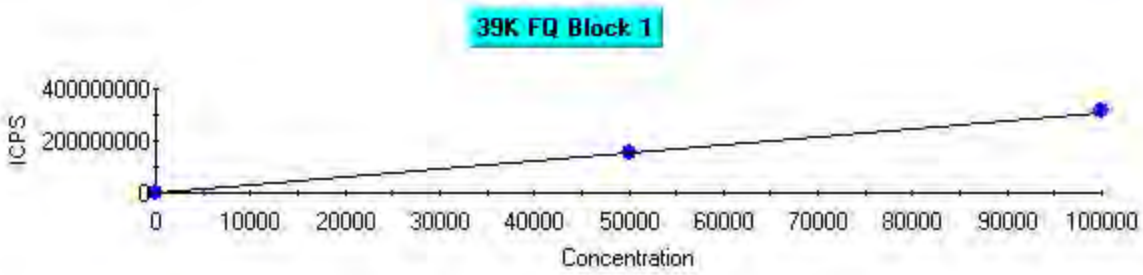
Intercept CPS=3.348953 Intercept Conc=0.648812
Sensitivity=5.161668 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	3.35	0.00
STD2-761715,	50000.000	50168.089	168.089	258954.36	0.34
STD3-664982,	100000.000	99915.955	84.045	515736.31	0.08



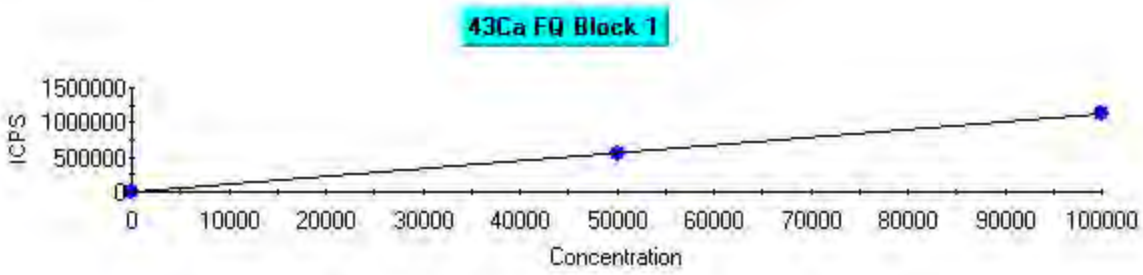
Intercept CPS=74.456962 Intercept Conc=1.346828
Sensitivity=55.283207 Correlation Coeff=0.999951

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	74.46	0.00
STD2-761715,	500.000	493.135	6.865	27336.54	1.37
STD3-664982,	1000.000	1003.432	3.432	55547.42	0.34



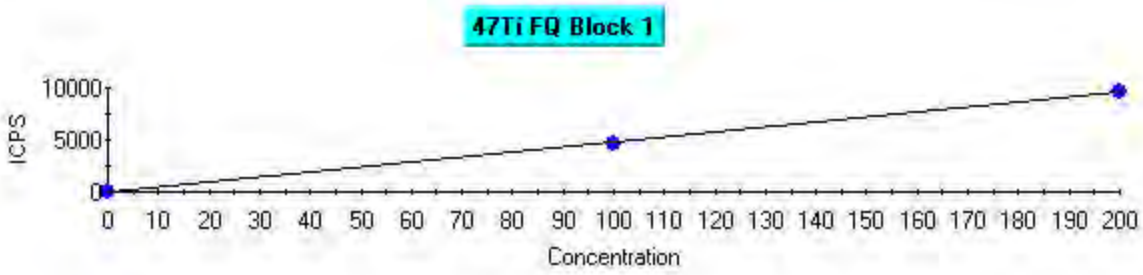
Intercept CPS=121290.076468 Intercept Conc=39.013987
Sensitivity=3108.886954 Correlation Coeff=0.999976

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	121290.08	0.00
STD2-761715,	50000.000	49513.899	486.101	154054405.09	0.97
STD3-664982,	100000.000	100243.050	243.050	311765601.76	0.24



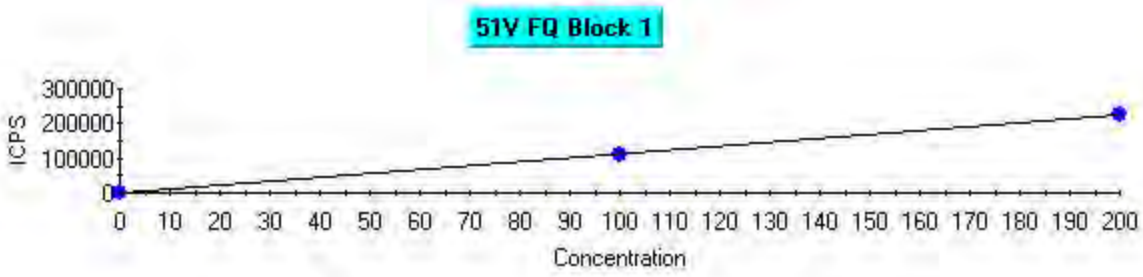
Intercept CPS=617.453310 Intercept Conc=54.513772
Sensitivity=11.326556 Correlation Coeff=0.999950

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	617.45	0.00
STD2-761715,	50000.000	49306.899	693.101	559094.83	1.39
STD3-664982,	100000.000	100346.550	346.550	1137198.32	0.35



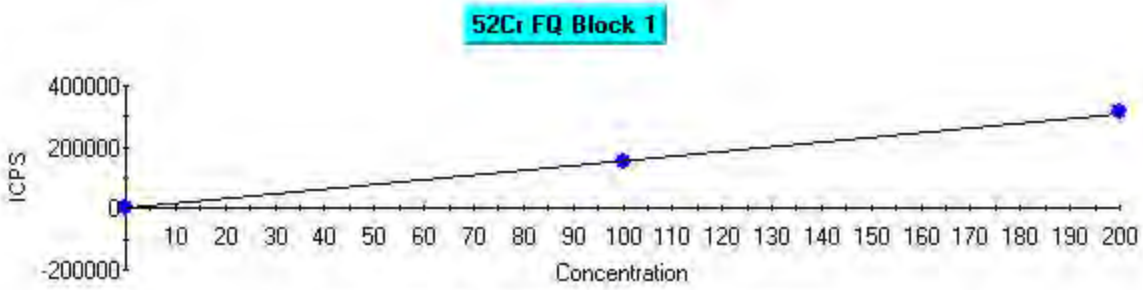
Intercept CPS=5.559387 Intercept Conc=0.116327
Sensitivity=47.791230 Correlation Coeff=0.999922

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	5.56	0.00
STD2-761715,	100.000	98.261	1.739	4701.57	1.74
STD4-664981,	200.000	200.870	0.870	9605.36	0.43



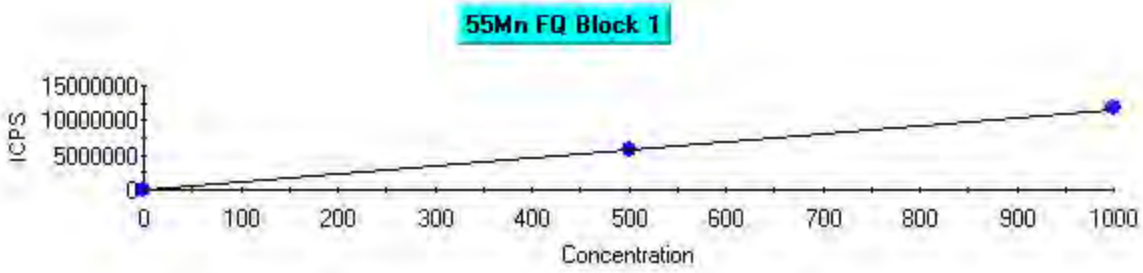
Intercept CPS=323.739778 Intercept Conc=0.288863
Sensitivity=1120.737781 Correlation Coeff=0.999874

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	323.74	0.00
STD2-761715,	100.000	97.792	2.208	109923.03	2.21
STD3-664982,	200.000	201.104	1.104	225708.54	0.55



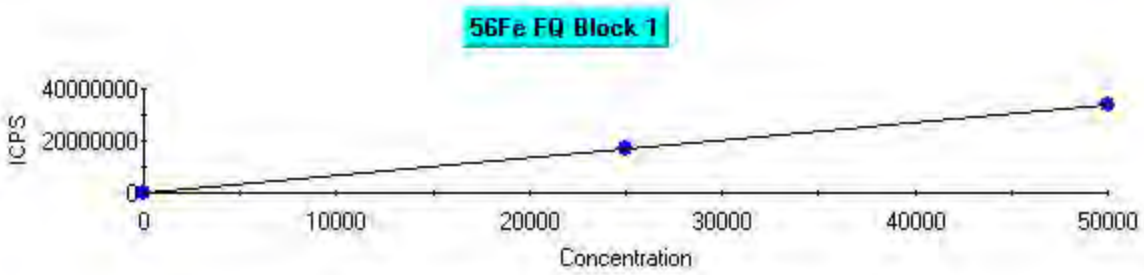
Intercept CPS=-311.368898 Intercept Conc=-0.199651
Sensitivity=1559.569071 Correlation Coeff=0.999955

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	-311.37	0.00
STD2-761715,	100.000	98.682	1.318	153590.65	1.32
STD3-664982,	200.000	200.659	0.659	312629.89	0.33



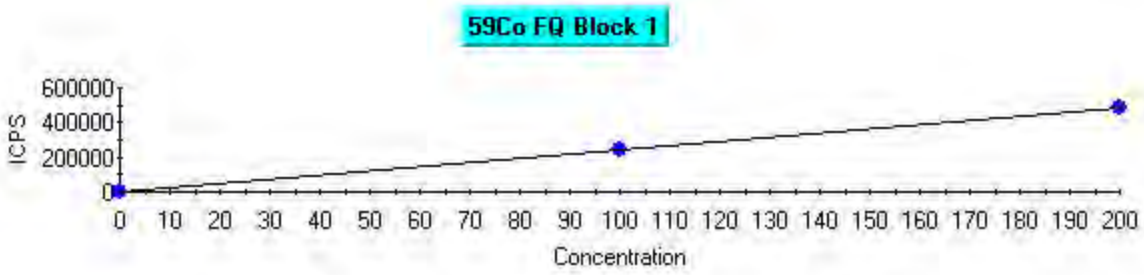
Intercept CPS=2444.691569 Intercept Conc=0.209525
Sensitivity=11667.793880 Correlation Coeff=0.999876

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	2444.69	0.00
STD2-761715,	500.000	489.029	10.971	5708330.12	2.19
STD3-664982,	1000.000	1005.486	5.486	11734244.33	0.55



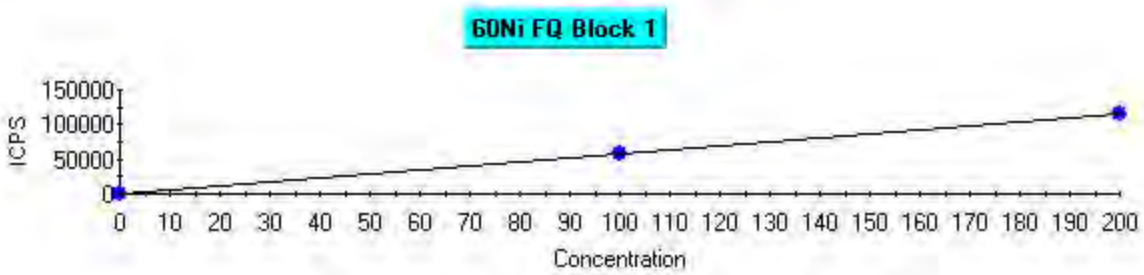
Intercept CPS=1807.990995 Intercept Conc=2.688546
Sensitivity=672.479006 Correlation Coeff=0.999938

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1807.99	0.00
STD2-761715,	25000.000	24613.351	386.649	16553769.82	1.55
STD3-664982,	50000.000	50193.324	193.324	33755764.93	0.39



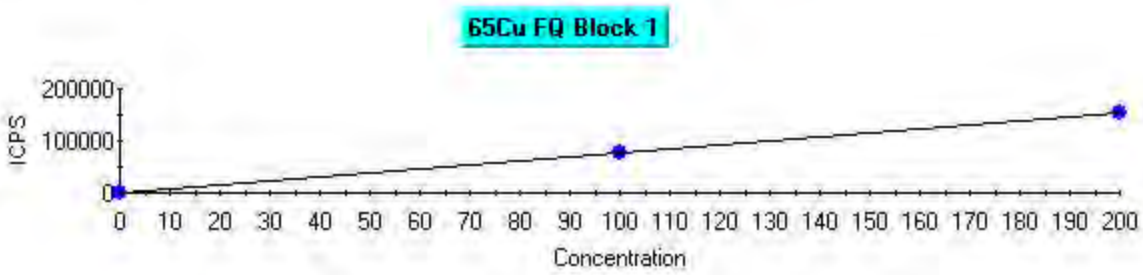
Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=2444.422884 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	0.00	0.00
STD2-761715,	100.000	99.411	0.589	243003.48	0.59
STD3-664982,	200.000	200.294	0.294	489603.98	0.15



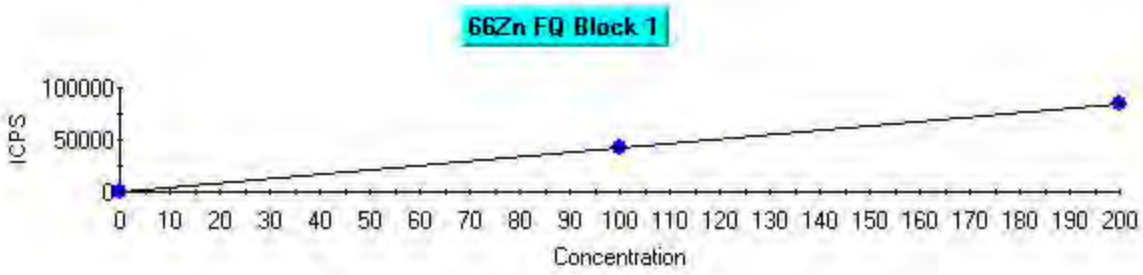
Intercept CPS=56.681329 Intercept Conc=0.099365
Sensitivity=570.438235 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	56.68	0.00
STD2-761715,	100.000	99.910	0.090	57049.13	0.09
STD3-664982,	200.000	200.045	0.045	114170.02	0.02



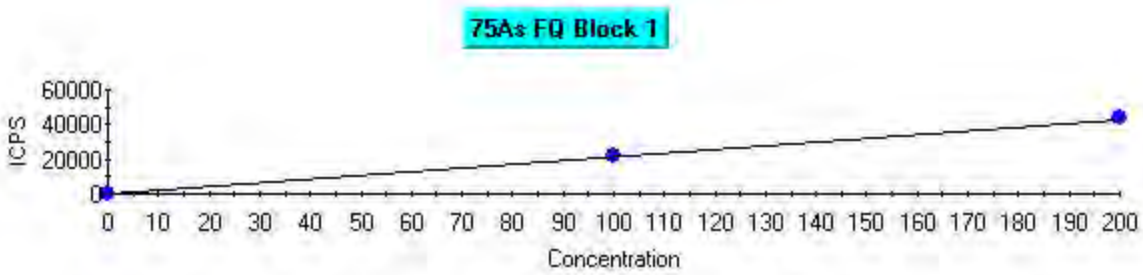
Intercept CPS=120.014621 Intercept Conc=0.155645
Sensitivity=771.081013 Correlation Coeff=0.999966

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	120.01	0.00
STD2-761715,	100.000	101.136	1.136	78104.37	1.14
STD3-664982,	200.000	199.432	0.568	153898.09	0.28



Intercept CPS=885.514584 Intercept Conc=2.102543
Sensitivity=421.163560 Correlation Coeff=0.999992

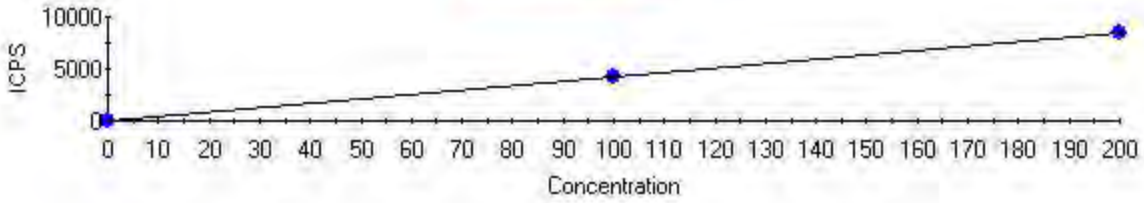
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	885.51	0.00
STD2-761715,	100.000	100.542	0.542	43230.13	0.54
STD3-664982,	200.000	199.729	0.271	85004.10	0.14



Intercept CPS=465.340428 Intercept Conc=2.177129
Sensitivity=213.740395 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	465.34	0.00
STD2-761715,	100.000	99.371	0.629	21704.99	0.63
STD3-664982,	200.000	200.314	0.314	43280.61	0.16

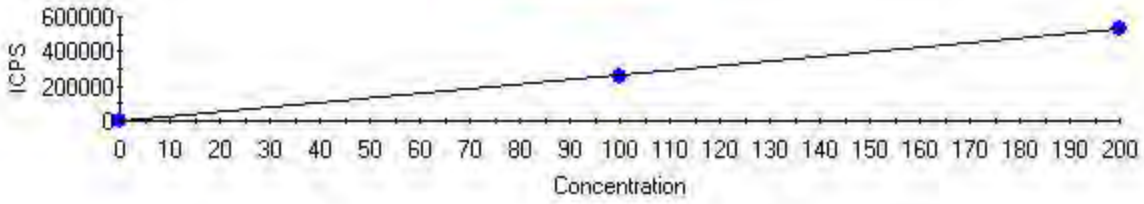
78Se FQ Block 1



Intercept CPS=6.517262 Intercept Conc=0.154263
Sensitivity=42.247657 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	6.52	0.00
STD2-761715,	100.000	99.169	0.831	4196.16	0.83
STD3-664982,	200.000	200.416	0.416	8473.61	0.21

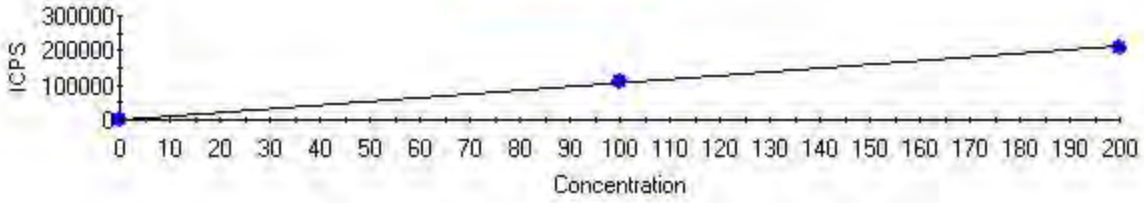
88Sr FQ Block 1



Intercept CPS=61.134178 Intercept Conc=0.023100
Sensitivity=2646.509327 Correlation Coeff=0.999860

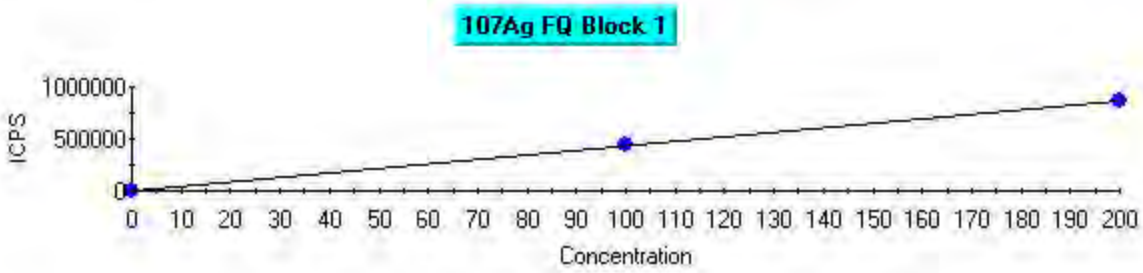
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	61.13	0.00
STD2-761715,	100.000	97.666	2.334	258536.01	2.33
STD3-664982,	200.000	201.167	1.167	532451.03	0.58

95Mo FQ Block 1



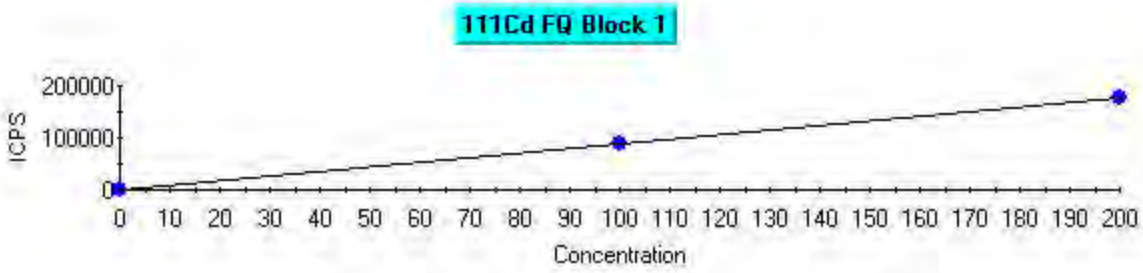
Intercept CPS=1217.927182 Intercept Conc=1.162578
Sensitivity=1047.609182 Correlation Coeff=0.999331

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1217.93	0.00
STD2-761715,	100.000	105.007	5.007	111224.50	5.01
STD4-664981,	200.000	197.496	2.504	208116.94	1.25



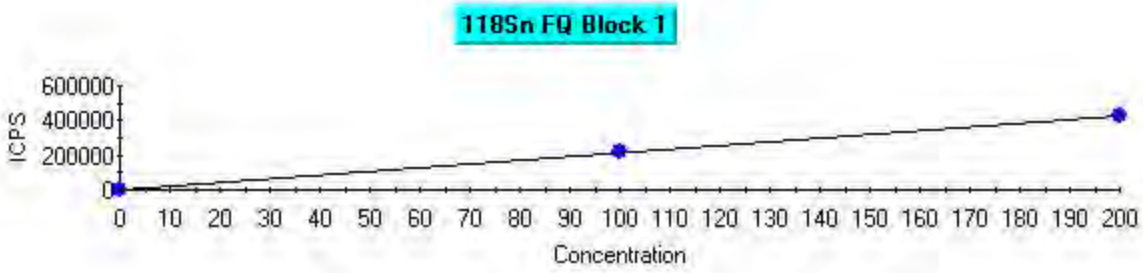
Intercept CPS=15.554936 Intercept Conc=0.003605
Sensitivity=4314.741143 Correlation Coeff=0.999959

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	15.55	0.00
STD2-761715,	100.000	101.253	1.253	436894.00	1.25
STD3-664982,	200.000	199.374	0.626	860261.62	0.31



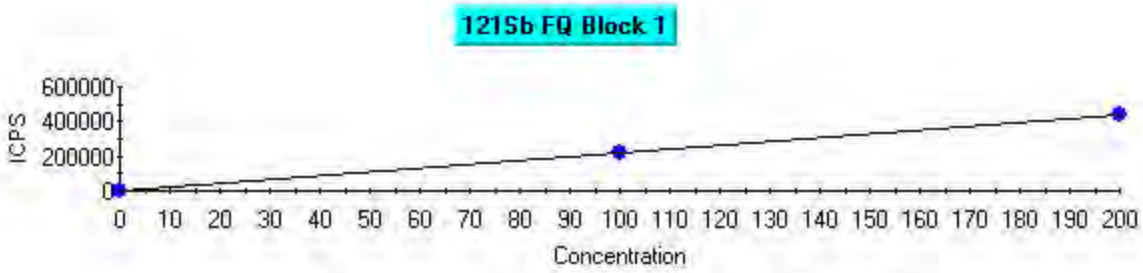
Intercept CPS=6.789700 Intercept Conc=0.007673
Sensitivity=884.860265 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	6.79	0.00
STD2-761715,	100.000	100.164	0.164	88637.95	0.16
STD3-664982,	200.000	199.918	0.082	176906.27	0.04



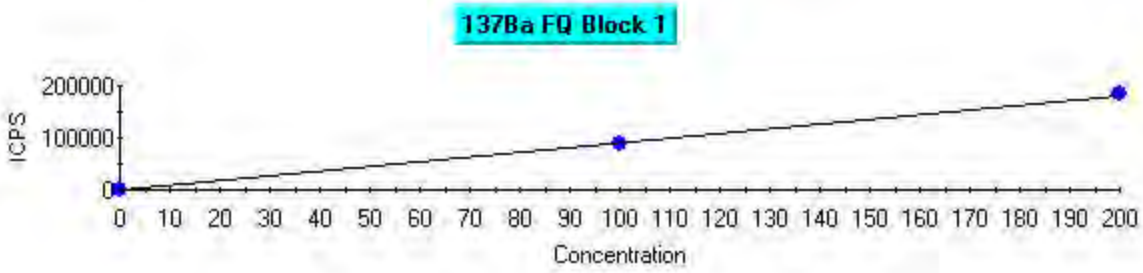
Intercept CPS=168.895015 Intercept Conc=0.079084
Sensitivity=2135.639480 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	168.90	0.00
STD2-761715,	100.000	99.935	0.065	213594.02	0.07
STD4-664981,	200.000	200.033	0.033	427366.20	0.02



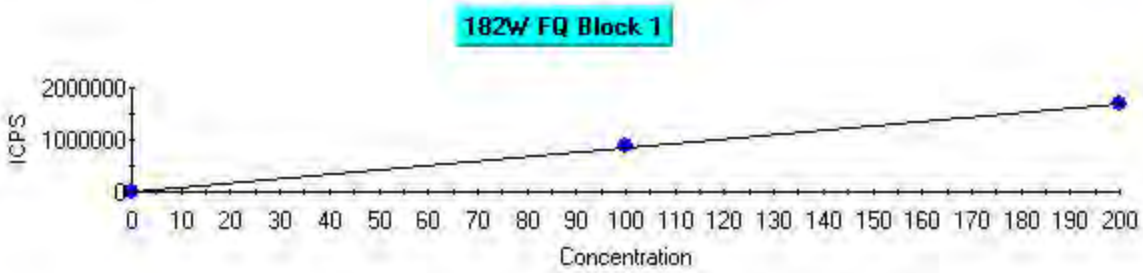
Intercept CPS=71.120184 Intercept Conc=0.032174
Sensitivity=2210.511798 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	71.12	0.00
STD2-761715,	100.000	100.544	0.544	222324.47	0.54
STD4-664981,	200.000	199.728	0.272	441572.39	0.14



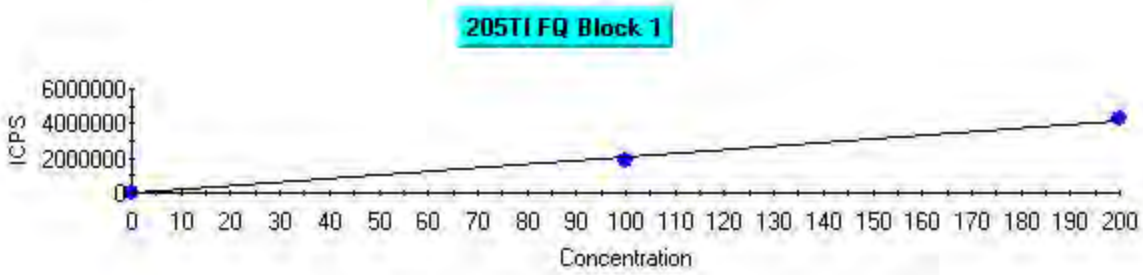
Intercept CPS=62.220792 Intercept Conc=0.068239
Sensitivity=911.813214 Correlation Coeff=0.999897

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	62.22	0.00
STD2-761715,	100.000	98.000	2.000	89419.71	2.00
STD3-664982,	200.000	201.000	1.000	183336.78	0.50



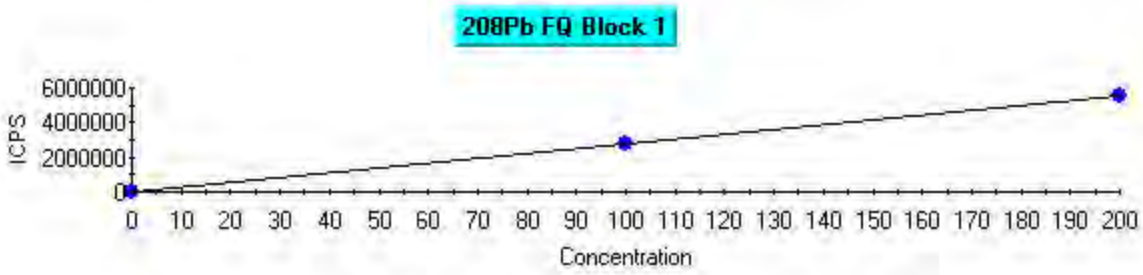
Intercept CPS=564.498824 Intercept Conc=0.066443
Sensitivity=8495.926151 Correlation Coeff=0.999906

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	564.50	0.00
STD2-761715,	100.000	101.887	1.887	866190.92	1.89
STD4-664981,	200.000	199.056	0.944	1691732.83	0.47



Intercept CPS=1354.592009 Intercept Conc=0.065149
Sensitivity=20792.152221 Correlation Coeff=0.997814

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1354.59	0.00
STD2-761715,	100.000	90.607	9.393	1885265.28	9.39
STD3-664982,	200.000	204.697	4.697	4257437.30	2.35



Intercept CPS=1263.486682 Intercept Conc=0.045741
Sensitivity=27622.717316 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1263.49	0.00
STD2-761715,	100.000	100.493	0.493	2777141.55	0.49
STD3-664982,	200.000	199.754	0.246	5519003.79	0.12

Dilution Corrected Concentrations

ICISM=6020 11/30/2012 09:27:42

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.000%	0.000	0.000
%RSD		0.507	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	-0.000	0.000
%RSD		T 0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		100.000%	100.000%	0.000
%RSD		0.479	0.427	0.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		-0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		100.000%	0.000	-0.000
%RSD		0.421	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		-0.000	100.000%	-0.000
%RSD		0.000	0.124	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.000%	0.000	-0.000
%RSD		0.359	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.000	0.000	
%RSD		0.000	0.000	

STD2-761715, 11/30/2012 09:33:07

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.686%	98.080	95.360
%RSD		0.108	0.602	0.649
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 49760.000	50170.000	493.100
%RSD		T 0.865	0.483	0.897
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 49510.000	49310.000
%RSD		T 0.000	T 0.450	0.589
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.808%	94.952%	98.260
%RSD		0.576	0.918	2.028
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.790	98.680	-17.100
%RSD		0.387	0.255	4.251
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 489.000	T 24610.000	99.410
%RSD		T 0.385	T 0.651	1.120
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.910	101.100	100.500
%RSD		0.254	0.917	0.258
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.287%	99.370	-0.563
%RSD		0.804	0.273	17.440
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.170	97.670	105.000
%RSD		0.841	0.408	0.723
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.300	39.070
%RSD		0.000	0.404	105.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		100.200	93.470%	99.930
%RSD		1.431	0.950	0.529
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.500	98.000	0.000
%RSD		0.181	0.506	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.235%	101.900	90.610
%RSD		1.363	0.382	1.067
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.500	0.000	
%RSD		0.455	0.000	

STD3-664982, 11/30/2012 09:39:04

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.138%	M 201.000	0.902
%RSD		0.389	M 0.354	11.500
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		TM 100100.000	M 99920.000	M 1003.000
%RSD		TM 0.469	M 0.467	M 0.532
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	TM 100200.000	M 100300.000
%RSD		T 0.000	TM 0.879	M 0.439
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		93.701%	94.324%	0.576
%RSD		0.714	0.521	32.330
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 201.100	M 200.700	-5.000
%RSD		M 0.961	M 0.681	119.300
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 1005.000	TM 50190.000	M 200.300
%RSD		TM 0.157	TM 0.566	M 0.554
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 200.000	M 199.400	M 199.700
%RSD		M 0.862	M 0.392	M 1.490
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.546%	M 200.300	-0.618
%RSD		0.333	M 0.581	31.950
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 200.400	M 201.200	0.633
%RSD		M 1.157	M 1.156	23.470
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	M 199.400	75.670
%RSD		0.000	M 0.327	100.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 199.900	93.737%	0.192
%RSD		M 0.219	0.739	27.230
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.340	M 201.000	0.000
%RSD		18.780	M 0.095	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.013%	0.919	TM 204.700
%RSD		1.105	12.370	TM 0.316
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		M 199.800	0.000	
%RSD		M 0.488	0.000	

STD4-664981, 11/30/2012 09:46:14

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.381%	0.055	M 202.300
%RSD		0.307	14.370	M 0.330
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23.540	25.730	3.307
%RSD		4.537	16.420	40.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	18.630	-0.407
%RSD		T 0.000	0.522	789.500
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		89.479%	87.369%	M 200.900
%RSD		0.588	0.855	M 2.166
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.264	-0.087	-28.090
%RSD		71.300	13.360	5.824
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.288	17.960	0.050
%RSD		2.571	9.679	7.234
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.187	0.288	0.279
%RSD		6.705	22.560	47.050
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.594%	-0.176	0.335
%RSD		1.193	82.680	15.190
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.246	0.075	197.500
%RSD		63.330	13.950	0.865
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.060	15.010
%RSD		0.000	11.490	89.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.024	92.970%	M 200.000
%RSD		108.400	0.462	M 0.417
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 199.700	0.131	0.000
%RSD		M 0.139	34.060	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.695%	M 199.100	0.444
%RSD		0.854	M 0.911	8.209
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.065	0.000	
%RSD		5.342	0.000	

ICV-665060, 11/30/2012 09:51:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.807%	101.166%	99.921%
%RSD		0.149	0.627	0.457
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬101.402%	101.587%	101.742%
%RSD		┬0.928	0.725	0.991
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬99.073%	99.774%
%RSD		┬0.000	┬0.244	0.558
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.141%	90.981%	102.424%
%RSD		1.064	1.338	0.625
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.587%	99.821%	-23.160
%RSD		0.077	0.697	9.083
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬101.656%	┬100.168%	99.915%
%RSD		┬0.563	┬0.659	1.417
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.323%	101.821%	102.862%
%RSD		0.898	1.017	0.371
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.854%	98.625%	-0.107
%RSD		1.091	0.463	173.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.532%	96.879%	104.330%
%RSD		2.116	0.781	1.467
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.434%	61.190
%RSD		0.000	1.158	14.040
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.637%	92.162%	100.310%
%RSD		1.633	0.407	1.029
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.313%	98.829%	0.000
%RSD		1.186	0.960	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.950%	104.443%	92.629%
%RSD		1.028	0.354	1.184
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		103.535%	0.000	
%RSD		0.273	0.000	

ICB 11/30/2012 09:58:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.184%	0.005	0.620
%RSD		0.731	42.090	8.819
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		3.124	2.827	0.367
%RSD		32.620	73.220	156.500
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	4.580	6.288
%RSD		T 0.000	6.013	63.580
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		92.119%	92.727%	0.034
%RSD		0.714	0.545	2.132
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.330	-0.229	-29.220
%RSD		31.130	2.086	2.227
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		-0.007	5.050	0.008
%RSD		114.500	26.200	54.050
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.013	-0.007	0.430
%RSD		54.170	320.900	22.270
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		92.818%	-0.145	-0.006
%RSD		0.347	33.370	151.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.030	0.016	0.142
%RSD		49.020	31.450	118.600
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.008	0.327
%RSD		0.000	31.110	297.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		-0.001	95.547%	0.151
%RSD		686.100	0.472	6.259
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.118	-0.007	0.000
%RSD		32.060	354.700	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		95.400%	0.866	0.310
%RSD		0.223	12.360	5.868
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.007	0.000	
%RSD		59.320	0.000	

CRI-751770, 11/30/2012 10:03:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.804%	106.533%	103.456%
%RSD		0.567	3.972	1.722
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		89.105%	102.091%	97.273%
%RSD		1.349	1.665	6.964
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	86.644%	97.849%
%RSD		T 0.000	0.186	2.088
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.021%	92.563%	103.216%
%RSD		0.329	0.871	11.130
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		89.861%	89.521%	-26.130
%RSD		1.351	4.646	2.191
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		89.720%	95.869%	103.044%
%RSD		2.411	2.998	2.170
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.308%	107.775%	97.489%
%RSD		6.613	3.300	1.984
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.525%	94.977%	-0.014
%RSD		0.647	4.573	761.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.352%	93.222%	96.275%
%RSD		14.530	1.414	2.834
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	107.768%	2.928
%RSD		0.000	1.587	139.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		95.198%	95.185%	99.926%
%RSD		4.957	0.681	2.949
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		97.193%	99.768%	0.000
%RSD		2.019	10.790	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.866%	102.255%	111.903%
%RSD		0.827	2.318	0.424
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.541%	0.000	
%RSD		0.861	0.000	

ICSA-726956, 11/30/2012 10:09:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.129%	-0.001	0.132
%RSD		0.996	656.400	20.520
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50600.000	50470.000	M 49130.000
%RSD		T 0.836	0.805	M 0.768
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 49960.000	50990.000
%RSD		T 0.000	T 0.984	0.363
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.372%	86.911%	M 1025.000
%RSD		0.246	0.829	M 1.066
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.088	0.411	-24.460
%RSD		247.800	5.975	2.267
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.072	TM 50120.000	0.064
%RSD		12.320	TM 0.733	22.880
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.395	0.286	0.436
%RSD		19.650	12.910	55.910
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.991%	0.313	-0.081
%RSD		0.460	35.320	40.430
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.070	0.169	M 998.800
%RSD		58.310	17.950	M 1.849
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.037	118.200
%RSD		0.000	37.090	0.861
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.006	89.682%	0.089
%RSD		2681.000	0.819	15.490
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.160	0.082	0.000
%RSD		12.840	33.780	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.668%	0.400	0.105
%RSD		0.953	6.530	4.592
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.153	0.000	
%RSD		2.781	0.000	

ICSAB-723527, 11/30/2012 10:14:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.340%	99.999%	97.506%
%RSD		0.400	0.355	1.409
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.040%	101.721%	M 99.073%
%RSD		T 1.495	1.882	M 1.278
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 100.630%	102.130%
%RSD		T 0.000	T 0.369	0.489
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.713%	86.614%	M 104.774%
%RSD		0.396	1.053	M 0.399
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.923%	101.473%	-12.350
%RSD		1.608	0.779	22.940
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		90.452%	TM 100.960%	100.198%
%RSD		0.366	TM 0.594	0.743
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.809%	100.165%	103.069%
%RSD		0.144	0.270	0.854
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.531%	99.743%	-0.263
%RSD		0.955	0.830	39.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.682%	96.712%	M 100.731%
%RSD		0.727	1.079	M 0.609
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.162%	192.400
%RSD		0.000	0.803	33.950
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		98.684%	91.273%	100.069%
%RSD		0.581	0.799	1.102
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.381%	99.358%	0.000
%RSD		0.976	1.237	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.108%	101.748%	94.279%
%RSD		0.692	1.155	0.360
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		104.134%	0.000	
%RSD		0.137	0.000	

CCV 11/30/2012 10:21:34 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.420%	98.527%	97.892%
%RSD		0.996	1.068	0.979
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.723%	98.754%	98.420%
%RSD		T 1.304	1.277	1.368
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 98.413%	99.204%
%RSD		T 0.000	T 0.571	0.473
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		90.751%	94.069%	99.112%
%RSD		1.065	0.917	2.185
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.319%	98.671%	-18.740
%RSD		0.568	0.399	11.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 99.304%	T 99.027%	99.391%
%RSD		T 0.597	T 0.264	0.514
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		100.428%	101.038%	101.544%
%RSD		0.845	0.743	0.617
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.264%	98.122%	-0.476
%RSD		0.534	0.792	13.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		98.888%	97.599%	120.564%
%RSD		1.204	0.336	1.883
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	100.006%	49.730
%RSD		0.000	0.660	66.410
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		99.571%	93.600%	99.831%
%RSD		0.521	0.527	0.775
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		100.252%	97.474%	0.000
%RSD		0.765	1.004	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.095%	103.455%	91.611%
%RSD		0.586	0.231	0.600
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		101.002%	0.000	
%RSD		0.273	0.000	

CCB 11/30/2012 10:28:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.770%	0.009	0.455
%RSD		0.985	62.000	10.310
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		5.247	5.001	0.036
%RSD		14.080	13.310	1574.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	6.845	10.110
%RSD		T 0.000	6.667	32.930
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		88.919%	91.392%	0.290
%RSD		0.383	0.803	79.640
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.274	-0.220	-28.590
%RSD		117.500	11.420	3.730
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.003	6.930	0.012
%RSD		240.700	19.330	18.720
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.018	0.007	0.416
%RSD		87.510	332.400	46.770
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		91.448%	-0.158	0.020
%RSD		0.704	43.320	537.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.105	0.022	3.258
%RSD		19.250	34.880	6.977
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.012	-0.168
%RSD		0.000	38.190	69.810
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.015	94.835%	0.157
%RSD		76.860	0.067	8.975
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.168	0.001	0.000
%RSD		14.760	1809.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		94.762%	1.044	0.340
%RSD		0.328	12.010	4.777
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.009	0.000	
%RSD		41.500	0.000	

mb 240-66675/1-a, 11/30/2012 10:33:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.427%	0.008	0.364
%RSD		0.804	99.670	17.620
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1.195	1.693	1.098
%RSD		14.120	86.750	24.070
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-9.910	24.180
%RSD		T 0.000	2.068	11.210
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.240%	92.059%	0.161
%RSD		0.623	0.531	71.140
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.264	-0.186	-26.570
%RSD		115.600	15.620	2.949
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.028	2.728	0.006
%RSD		0.563	22.710	43.050
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.032	0.271	2.059
%RSD		63.590	8.852	13.480
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.157%	-0.271	0.480
%RSD		0.713	20.020	12.210
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.018	0.013	0.803
%RSD		676.200	74.240	23.070
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	0.081
%RSD		0.000	142.300	1295.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.002	95.000%	0.057
%RSD		244.600	0.184	21.870
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.078	-0.000	0.000
%RSD		24.130	7429.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.845%	0.375	0.159
%RSD		0.259	5.727	0.172
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.003	0.000	
%RSD		177.400	0.000	

240-17788 -a-36-a, 11/30/2012 10:39:12 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.561%	0.960	30.330
%RSD		0.540	8.546	0.714
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		360.200	297.700	62.360
%RSD		0.683	3.968	2.199
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	31.010	972.900
%RSD		T 0.000	2.365	1.631
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		89.174%	90.534%	0.859
%RSD		0.731	0.481	37.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.173	1.323	-25.040
%RSD		24.440	3.389	2.527
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.762	92.320	0.328
%RSD		1.513	0.836	7.443
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.671	4.344	22.320
%RSD		7.853	8.078	1.713
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.188%	0.757	0.520
%RSD		0.305	10.320	5.899
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.522	2.767	4.002
%RSD		10.450	1.513	1.045
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.043	0.951
%RSD		0.000	7.395	215.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.742	94.762%	4.059
%RSD		9.520	0.415	2.627
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.524	3.977	0.000
%RSD		9.002	0.997	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.681%	0.226	1.034
%RSD		0.403	5.054	0.968
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.537	0.000	
%RSD		1.920	0.000	

240-17788 -a-36-b, 11/30/2012 10:44:38 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.587%	0.514	15.680
%RSD		0.286	8.265	1.872
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		179.900	154.100	30.320
%RSD		1.391	5.155	3.741
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	8.499	486.100
%RSD		T 0.000	4.801	3.341
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.156%	90.252%	0.630
%RSD		0.929	0.551	28.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.404	0.575	-24.630
%RSD		12.240	13.430	1.703
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.391	46.540	0.154
%RSD		1.397	1.986	6.839
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.765	2.305	11.620
%RSD		8.920	2.574	4.601
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.867%	0.370	0.476
%RSD		0.112	20.000	5.815
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.298	1.420	1.686
%RSD		46.560	1.583	4.481
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.023	-0.249
%RSD		0.000	11.020	1178.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.301	93.673%	2.050
%RSD		7.625	0.351	3.819
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.311	1.902	0.000
%RSD		5.440	4.918	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.561%	0.154	0.549
%RSD		0.221	1.663	0.312
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.268	0.000	
%RSD		0.947	0.000	

240-17788 -a-39-a, 11/30/2012 10:50:04 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.413%	0.928	31.570
%RSD		0.212	6.679	2.144
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		368.100	326.500	63.820
%RSD		0.700	5.982	1.348
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	31.160	1004.000
%RSD		T 0.000	1.622	0.611
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.309%	90.650%	1.270
%RSD		0.479	0.561	18.820
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.137	1.314	-23.140
%RSD		11.090	3.404	0.904
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.761	93.830	0.329
%RSD		1.901	1.636	5.100
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.682	4.307	23.070
%RSD		4.742	5.099	1.538
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.659%	0.905	0.500
%RSD		1.013	16.380	12.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.531	2.837	3.643
%RSD		23.570	2.701	3.979
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.048	3.223
%RSD		0.000	7.141	95.670
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.755	93.530%	4.177
%RSD		6.748	0.663	2.826
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.536	4.020	0.000
%RSD		5.986	2.430	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.587%	0.118	1.025
%RSD		0.110	2.818	0.711
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.547	0.000	
%RSD		1.393	0.000	

240-17788 -a-39-b, 11/30/2012 10:55:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.042%	0.481	15.540
%RSD		0.169	11.780	2.716
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		175.900	162.500	31.390
%RSD		0.931	8.225	5.059
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	6.841	499.200
%RSD		T 0.000	9.860	2.076
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.188%	90.172%	0.760
%RSD		0.511	0.919	29.370
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.492	0.558	-23.600
%RSD		38.160	9.279	2.379
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.348	46.240	0.175
%RSD		1.865	0.876	6.318
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.751	2.445	11.200
%RSD		12.320	7.093	2.371
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.091%	0.374	0.474
%RSD		1.110	39.110	13.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.281	1.293	1.380
%RSD		41.080	0.254	9.342
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.023	-2.014
%RSD		0.000	29.030	121.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.350	93.210%	2.097
%RSD		9.161	0.712	1.858
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.261	2.011	0.000
%RSD		4.008	3.219	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.874%	0.089	0.523
%RSD		0.168	2.083	2.139
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.260	0.000	
%RSD		3.369	0.000	

240-17788 -a-40-a, 11/30/2012 11:00:59 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.817%	0.893	30.130
%RSD		0.957	6.238	1.936
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		361.600	310.900	58.820
%RSD		2.962	5.759	3.244
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	30.390	969.500
%RSD		T 0.000	3.308	3.745
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.786%	89.476%	1.235
%RSD		0.481	0.197	15.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.647	1.357	-23.730
%RSD		9.214	3.315	2.155
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.440	90.960	0.299
%RSD		0.822	1.218	5.231
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.583	4.423	21.930
%RSD		3.748	1.986	1.342
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.750%	0.744	0.491
%RSD		0.584	9.715	21.040
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.676	2.800	3.271
%RSD		16.240	2.720	6.243
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.046	0.107
%RSD		0.000	8.732	1891.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.670	92.718%	4.025
%RSD		5.637	0.312	2.441
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.506	3.850	0.000
%RSD		7.115	2.577	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.519%	0.062	0.982
%RSD		0.810	14.590	2.297
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.546	0.000	
%RSD		0.678	0.000	

240-17788 -a-40-b, 11/30/2012 11:06:25 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.714%	0.383	14.810
%RSD		0.553	12.870	1.400
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		172.900	144.800	31.580
%RSD		1.519	3.990	1.504
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	9.384	505.600
%RSD		T 0.000	10.810	2.909
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.648%	87.800%	0.413
%RSD		0.197	1.383	11.860
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.427	0.617	-23.050
%RSD		36.260	4.568	2.009
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.671	44.450	0.158
%RSD		1.671	1.794	14.650
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.771	2.319	13.170
%RSD		0.928	7.904	2.276
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.473%	0.280	0.423
%RSD		0.378	26.630	15.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.261	1.333	1.206
%RSD		44.500	1.275	5.607
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.021	-1.886
%RSD		0.000	6.350	57.230
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.362	92.217%	2.363
%RSD		4.954	0.698	3.024
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.262	1.855	0.000
%RSD		7.341	3.793	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.324%	0.057	0.468
%RSD		0.589	12.500	1.464
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.493	0.000	
%RSD		1.623	0.000	

CCV 11/30/2012 11:11:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.485%	97.672%	95.563%
%RSD		0.604	0.926	0.347
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 100.399%	100.932%	99.262%
%RSD		T 0.819	0.540	1.710
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 99.850%	99.624%
%RSD		T 0.000	T 0.872	0.573
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		83.571%	90.338%	97.423%
%RSD		1.152	1.118	3.787
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.578%	99.003%	-17.670
%RSD		1.165	0.408	12.560
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 99.596%	T 99.445%	99.603%
%RSD		T 0.299	T 0.430	0.394
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		100.537%	100.433%	101.954%
%RSD		0.669	0.996	1.654
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		86.963%	98.567%	-0.407
%RSD		1.566	1.303	45.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.163%	97.176%	103.747%
%RSD		1.154	0.165	0.860
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	100.863%	92.140
%RSD		0.000	0.236	64.160
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		100.141%	90.111%	100.057%
%RSD		0.567	0.362	0.299
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		99.664%	97.080%	0.000
%RSD		0.491	1.015	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		93.518%	102.356%	90.946%
%RSD		0.519	0.648	0.343
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		100.573%	0.000	
%RSD		0.261	0.000	

CCB 11/30/2012 11:18:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.887%	0.020	0.398
%RSD		0.340	43.470	11.250
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		6.694	8.509	1.241
%RSD		11.740	12.860	6.590
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	12.270	18.540
%RSD		T 0.000	9.493	5.807
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		83.483%	89.322%	-0.038
%RSD		0.443	0.573	203.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.295	-0.214	-28.650
%RSD		27.260	13.890	1.739
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.079	8.028	0.017
%RSD		21.270	11.910	31.440
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.016	0.070	0.568
%RSD		246.500	16.050	32.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.189%	-0.264	-0.045
%RSD		0.482	29.600	50.310
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.085	0.035	-0.054
%RSD		43.270	18.360	275.400
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.019	-0.095
%RSD		0.000	31.060	702.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.016	92.002%	0.114
%RSD		67.900	0.580	13.290
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.106	0.027	0.000
%RSD		13.010	65.740	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.967%	0.712	0.273
%RSD		0.682	12.850	6.626
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.019	0.000	
%RSD		11.270	0.000	

AG 1000 PPB 11/30/2012 11:24:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.315%	0.006	0.774
%RSD		0.432	173.800	10.100
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		0.756	2.359	1.222
%RSD		90.130	55.670	35.920
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	7.631	10.550
%RSD		T 0.000	4.564	95.570
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.355%	86.032%	M 963.400
%RSD		0.168	1.075	M 0.444
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.231	-0.056	-26.160
%RSD		16.870	54.500	1.449
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.959	2.233	0.020
%RSD		2.675	12.860	32.530
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.153	0.184	0.859
%RSD		44.880	24.350	9.934
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.114%	-0.238	0.006
%RSD		0.358	27.120	635.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.029	0.021	M 920.000
%RSD		320.900	46.900	M 2.032
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 1119.000	-618.500
%RSD		0.000	TM 0.648	6.077
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.040	90.354%	M 969.100
%RSD		152.600	0.678	M 1.036
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 904.200	0.393	0.000
%RSD		M 1.423	12.010	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.084%	TM 1028.000	0.125
%RSD		0.471	TM 1.218	6.453
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.013	0.000	
%RSD		14.290	0.000	

BLANK 11/30/2012 11:29:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.052%	0.002	0.015
%RSD		1.343	182.900	463.300
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1.285	3.102	0.007
%RSD		25.060	48.800	1114.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1.758	18.670
%RSD		T 0.000	11.140	24.970
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.348%	86.116%	0.991
%RSD		0.793	1.153	27.210
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.326	-0.159	-25.860
%RSD		101.700	12.400	2.497
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.031	1.750	0.004
%RSD		24.880	11.160	56.990
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.034	0.010	0.889
%RSD		40.160	61.510	5.021
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.448%	-0.127	0.029
%RSD		0.440	131.800	92.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.092	0.011	22.060
%RSD		22.930	39.740	16.710
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.328	1.270
%RSD		0.000	12.830	277.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.001	91.283%	1.574
%RSD		725.500	0.555	19.210
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		8.707	-0.004	0.000
%RSD		18.670	463.300	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.426%	19.520	0.075
%RSD		0.108	13.100	1.246
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.010	0.000	
%RSD		12.500	0.000	

AG 2000 PPB 11/30/2012 11:35:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.304%	-0.002	1.343
%RSD		0.516	276.300	12.480
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		0.612	1.361	2.002
%RSD		123.600	65.120	34.440
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-0.183	10.350
%RSD		T 0.000	277.200	43.750
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.588%	85.865%	M 1937.000
%RSD		0.724	0.724	M 0.584
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.282	0.130	-21.800
%RSD		118.800	30.900	3.333
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.015	2.435	0.033
%RSD		33.180	15.530	9.756
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.259	0.183	0.496
%RSD		2.544	32.380	53.430
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.839%	-0.091	0.084
%RSD		0.328	28.390	95.880
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.022	0.018	M 1863.000
%RSD		134.800	60.920	M 1.853
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 2306.000	-1265.000
%RSD		0.000	TM 0.701	8.264
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.208	87.293%	TM 2179.000
%RSD		53.750	0.137	TM 0.636
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		TM 2026.000	0.847	0.000
%RSD		TM 0.343	6.528	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.421%	TM 2092.000	0.049
%RSD		1.016	TM 0.380	13.830
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.016	0.000	
%RSD		14.060	0.000	

BLANK 11/30/2012 11:40:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.359%	-0.002	-0.047
%RSD		0.436	191.700	126.900
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-1.950	0.873	-0.187
%RSD		17.700	173.900	304.900
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-3.207	7.811
%RSD		T 0.000	13.670	62.090
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.547%	84.886%	1.964
%RSD		0.577	0.456	25.470
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.274	-0.147	-24.280
%RSD		18.470	9.673	2.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		-0.019	-0.118	0.001
%RSD		77.930	113.000	173.200
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.024	-0.024	0.308
%RSD		99.250	166.200	27.550
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.690%	-0.169	0.069
%RSD		0.876	97.630	120.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.012	0.008	51.800
%RSD		638.900	56.130	16.930
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.332	5.575
%RSD		0.000	10.740	53.990
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.018	89.941%	2.341
%RSD		33.030	0.234	20.940
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		16.870	0.020	0.000
%RSD		15.070	141.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.605%	39.530	0.031
%RSD		0.618	14.120	22.480
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.005	0.000	
%RSD		41.350	0.000	

240-17317 -a-23-b@20, 11/30/2012 11:46:01 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.837%	0.755	5.518
%RSD		0.388	5.251	1.072
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		107.100	3122.000	M 5651.000
%RSD		2.424	0.945	M 0.807
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	381.000	34960.000
%RSD		T 0.000	0.244	0.713
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.789%	80.358%	78.070
%RSD		0.466	1.477	1.263
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		3.125	12.810	-26.040
%RSD		40.100	1.532	17.590
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 811.900	T 10520.000	1.945
%RSD		T 0.473	T 1.297	2.045
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		17.960	135.400	M 801.400
%RSD		1.920	1.780	M 0.658
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.268%	4.712	0.029
%RSD		0.462	3.108	125.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.475	82.840	10.470
%RSD		23.870	0.585	5.999
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.250	-1.300
%RSD		0.000	49.080	573.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.312	86.116%	1.709
%RSD		11.230	0.139	7.194
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.990	73.270	0.000
%RSD		2.725	0.952	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.087%	9.883	0.081
%RSD		0.506	6.175	9.476
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		67.050	0.000	
%RSD		0.159	0.000	

240-17317 -a-24-b@10, 11/30/2012 11:51:28 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.880%	0.695	5.743
%RSD		0.741	6.865	0.564
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		99.990	3197.000	M 6061.000
%RSD		1.224	1.521	M 1.334
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	519.000	66240.000
%RSD		T 0.000	0.476	0.389
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.752%	80.224%	74.810
%RSD		0.323	0.781	2.028
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.830	14.760	-32.080
%RSD		3.238	0.126	2.402
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 874.200	T 17640.000	3.488
%RSD		T 0.170	T 0.182	3.701
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		19.390	M 959.000	134.900
%RSD		2.600	M 0.239	0.815
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.027%	11.570	0.113
%RSD		0.658	1.851	43.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.603	133.200	5.054
%RSD		16.170	0.715	7.513
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.100	-7.871
%RSD		0.000	13.800	24.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.449	86.554%	1.133
%RSD		10.740	0.579	1.991
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.649	82.430	0.000
%RSD		1.144	0.311	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.368%	4.900	0.150
%RSD		0.512	6.552	1.851
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		33.730	0.000	
%RSD		0.331	0.000	

240-17422 -a-9-d@10, 11/30/2012 11:56:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.453%	0.855	2.013
%RSD		0.385	2.687	8.418
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		41.620	2676.000	M 13910.000
%RSD		0.198	3.747	M 0.718
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	750.000	1738.000
%RSD		T 0.000	0.824	1.396
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.006%	95.426%	51.320
%RSD		0.890	1.298	2.117
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		20.600	23.620	-24.810
%RSD		1.861	0.556	8.308
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1269.000	T 28010.000	13.490
%RSD		TM 0.401	T 0.675	1.016
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		28.650	36.250	M 200.200
%RSD		1.568	1.446	M 1.241
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.742%	19.470	0.140
%RSD		0.935	0.472	24.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.376	7.557	4.119
%RSD		9.147	1.153	1.773
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.077	-14.110
%RSD		0.000	6.991	55.780
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.699	96.469%	1.404
%RSD		4.945	0.508	3.920
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.671	84.780	0.000
%RSD		1.677	1.668	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.342%	2.793	0.216
%RSD		1.105	4.710	4.462
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		26.130	0.000	
%RSD		0.301	0.000	

240-17422 -a-9-k du@10, 11/30/2012 12:02:21 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.903%	0.851	1.940
%RSD		0.806	2.053	10.240
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		40.660	2583.000	M 13750.000
%RSD		2.755	1.144	M 0.799
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	723.500	1690.000
%RSD		T 0.000	0.677	1.573
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.441%	100.208%	52.350
%RSD		0.645	0.718	2.716
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		20.440	24.720	-21.980
%RSD		3.423	1.850	8.044
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 926.800	T 26900.000	12.790
%RSD		T 0.375	T 0.105	0.600
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		28.620	36.220	M 199.400
%RSD		3.598	0.640	M 1.604
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		97.949%	17.650	0.175
%RSD		0.638	0.242	40.860
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.063	7.591	2.985
%RSD		15.180	0.733	2.717
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.071	-10.870
%RSD		0.000	11.830	32.910
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.605	99.753%	1.484
%RSD		0.385	0.288	6.174
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.104	85.630	0.000
%RSD		4.283	1.017	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.759%	1.972	0.213
%RSD		0.485	1.745	5.522
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		24.800	0.000	
%RSD		0.601	0.000	

240-17422 -a-9-f ms@10, 11/30/2012 12:08:00 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		96.829%	10.280	8.487
%RSD		0.556	1.107	2.783
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		881.300	3785.000	M 16830.000
%RSD		1.156	1.418	M 0.926
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 1868.000	2545.000
%RSD		T 0.000	T 0.877	1.258
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.989%	102.800%	56.690
%RSD		0.588	1.049	10.450
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		31.810	35.860	-17.550
%RSD		1.242	0.641	4.100
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 883.900	T 28300.000	22.770
%RSD		T 0.106	T 0.159	0.796
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		39.880	46.590	M 225.000
%RSD		1.200	1.921	M 0.121
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.372%	26.650	0.117
%RSD		0.490	0.614	93.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.993	16.990	10.990
%RSD		4.905	0.334	0.623
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	9.795	-8.238
%RSD		0.000	0.195	219.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		9.878	101.698%	8.931
%RSD		3.250	0.134	0.834
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.238	94.750	0.000
%RSD		1.514	1.079	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.010%	7.171	8.592
%RSD		0.460	1.393	0.750
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		34.500	0.000	
%RSD		0.609	0.000	

CCV 11/30/2012 12:13:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.784%	95.962%	93.704%
%RSD		0.503	0.251	0.404
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 102.206%	101.960%	98.512%
%RSD		┬0.682	0.553	0.685
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬0.000	┬ 100.471%	99.433%
%RSD		┬0.000	┬0.530	0.614
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		76.165%	86.159%	102.931%
%RSD		1.280	1.415	0.788
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.704%	99.375%	-19.240
%RSD		1.012	0.016	10.660
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 100.415%	┬ 100.798%	99.767%
%RSD		┬0.555	┬0.123	0.190
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		100.470%	101.751%	101.054%
%RSD		1.715	1.088	2.103
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		84.627%	98.217%	-0.434
%RSD		0.735	0.305	60.970
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		98.577%	96.915%	105.887%
%RSD		0.887	0.303	1.123
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	99.995%	9.422
%RSD		0.000	0.837	231.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		99.726%	88.415%	99.558%
%RSD		1.112	1.055	0.790
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		102.014%	96.685%	0.000
%RSD		0.390	1.498	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		91.607%	104.723%	92.631%
%RSD		1.195	0.540	0.633
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		102.192%	0.000	
%RSD		0.495	0.000	

CCB 11/30/2012 12:20:02 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.276%	0.040	0.300
%RSD		1.169	24.280	25.800
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9.211	12.580	0.893
%RSD		11.480	18.450	62.890
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	13.970	29.540
%RSD		T 0.000	6.755	15.480
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.381%	84.516%	0.268
%RSD		0.844	1.127	63.740
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.175	-0.231	-30.360
%RSD		98.770	8.383	0.647
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.159	10.250	0.019
%RSD		7.384	11.240	24.430
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.001	0.060	0.404
%RSD		799.700	36.220	23.440
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.767%	-0.266	0.037
%RSD		0.591	85.220	115.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.076	0.037	0.496
%RSD		7.847	43.130	34.510
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.028	0.100
%RSD		0.000	27.930	409.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.012	89.893%	0.169
%RSD		122.700	0.213	30.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.682	0.030	0.000
%RSD		2.438	96.030	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.656%	1.636	0.316
%RSD		1.039	8.285	8.639
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.030	0.000	
%RSD		10.260	0.000	

240-17422 -a-9-d@20, 11/30/2012 12:25:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.502%	0.430	1.176
%RSD		0.324	8.917	5.086
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		19.990	1336.000	M 6970.000
%RSD		4.746	1.541	M 0.996
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	365.200	878.300
%RSD		T 0.000	0.326	1.934
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.140%	86.789%	25.640
%RSD		0.542	1.746	4.909
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		10.050	11.740	-28.790
%RSD		3.357	1.894	4.583
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 621.900	T 13940.000	6.712
%RSD		T 0.280	T 0.249	0.910
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		14.120	18.050	100.800
%RSD		0.801	1.847	0.434
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.277%	9.392	0.103
%RSD		1.580	1.254	59.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.522	3.784	0.873
%RSD		26.270	1.227	5.085
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.028	-5.729
%RSD		0.000	34.180	46.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.334	91.994%	0.667
%RSD		4.565	0.550	0.282
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.183	41.300	0.000
%RSD		0.745	2.368	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.411%	0.875	0.222
%RSD		0.437	4.592	2.608
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		13.150	0.000	
%RSD		0.920	0.000	

CRI-751770 11/30/2012 12:31:07 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.566%	99.084%	96.475%
%RSD		0.438	3.921	3.020
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		91.595%	105.454%	111.102%
%RSD		0.745	4.273	1.773
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	89.352%	97.682%
%RSD		T 0.000	0.545	1.281
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.764%	79.734%	112.134%
%RSD		0.246	0.345	9.001
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.241%	89.950%	-29.200
%RSD		6.314	7.593	4.840
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		106.264%	123.075%	101.006%
%RSD		0.232	1.466	3.264
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.822%	108.296%	105.555%
%RSD		4.013	7.924	3.232
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.251%	82.209%	-0.083
%RSD		1.023	5.547	33.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		106.740%	92.722%	92.884%
%RSD		16.130	1.369	1.791
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.323%	4.725
%RSD		0.000	4.460	62.580
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		92.099%	87.019%	98.969%
%RSD		7.968	0.480	0.397
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		178.823%	107.369%	0.000
%RSD		3.415	6.631	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.378%	104.432%	102.662%
%RSD		0.243	1.909	0.550
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		110.511%	0.000	
%RSD		1.610	0.000	

MDLV 11/30/2012 12:36:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.248%	1.001	42.770
%RSD		0.354	2.620	1.501
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		396.300	279.300	52.010
%RSD		0.561	3.616	6.017
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	83.820	1028.000
%RSD		T 0.000	0.875	1.096
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.190%	82.535%	2.693
%RSD		0.759	1.107	23.270
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.335	4.533	-24.930
%RSD		16.890	1.588	2.446
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		8.226	299.700	0.162
%RSD		0.624	1.059	8.992
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.660	3.441	22.660
%RSD		5.603	3.240	3.933
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.204%	1.252	-0.042
%RSD		0.981	8.380	49.360
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.633	2.417	3.596
%RSD		7.488	3.292	4.320
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.080	1.417
%RSD		0.000	4.095	156.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.117	88.562%	103.500
%RSD		29.410	0.303	0.709
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.968	2.963	0.000
%RSD		2.988	4.262	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.334%	0.674	1.530
%RSD		0.046	5.273	1.248
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.333	0.000	
%RSD		0.440	0.000	

240-17677 -b-6-a, 11/30/2012 12:42:08 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.788%	0.006	70.950
%RSD		0.179	78.630	0.720
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13670.000	53900.000	11.940
%RSD		0.652	1.271	9.675
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2171.000	96340.000
%RSD		T 0.000	T 0.371	0.311
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.983%	85.653%	0.591
%RSD		0.851	0.478	35.060
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.104	0.208	-22.450
%RSD		204.100	14.100	2.268
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		31.250	2089.000	29.550
%RSD		0.542	1.344	1.247
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.471	0.764	4.298
%RSD		4.325	7.542	3.205
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.875%	13.480	0.483
%RSD		0.397	1.802	15.030
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.026	TM 6418.000	44.860
%RSD		90.550	TM 0.182	0.550
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	2.370
%RSD		0.000	27.820	121.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.014	89.182%	0.288
%RSD		16.510	0.354	10.210
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.179	53.290	0.000
%RSD		1.587	0.687	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.323%	1.499	0.081
%RSD		0.803	1.073	8.160
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.045	0.000	
%RSD		13.850	0.000	

240-17677-b-7-a, 11/30/2012 12:47:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.989%	0.003	0.675
%RSD		0.134	0.359	12.240
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		63.380	16.150	2.003
%RSD		3.454	33.980	13.630
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-13.320	24.140
%RSD		T 0.000	7.209	18.810
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.249%	83.377%	0.162
%RSD		0.523	1.051	77.210
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.072	-0.029	-16.850
%RSD		389.100	71.040	7.331
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.168	4.207	0.012
%RSD		4.126	11.080	64.290
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.015	0.278	0.751
%RSD		81.890	19.450	15.460
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.872%	0.074	0.482
%RSD		0.415	117.300	5.931
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.004	1.118	-0.304
%RSD		1260.000	35.670	22.580
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.430
%RSD		0.000	2645.000	78.510
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.003	88.879%	0.111
%RSD		178.000	0.058	20.650
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.665	0.079	0.000
%RSD		4.576	32.490	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.839%	0.400	0.027
%RSD		0.347	3.445	27.990
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.001	0.000	
%RSD		173.900	0.000	

240-17822 -d-8-a, 11/30/2012 12:53:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.928%	-0.001	9.779
%RSD		0.366	112.100	1.786
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		16730.000	651.800	45.290
%RSD		1.359	5.357	2.263
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4172.000	M 246900.000
%RSD		T 0.000	T 0.678	M 0.246
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.650%	75.320%	0.131
%RSD		0.508	1.061	40.920
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-12.760	M 430.100	32.960
%RSD		5.928	M 1.144	7.755
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		13.880	-63.990	0.257
%RSD		0.344	2.196	12.400
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.743	1.315	0.817
%RSD		18.950	7.944	24.220
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.578%	1.032	0.546
%RSD		0.488	5.259	11.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.102	M 979.500	2.327
%RSD		14.810	M 0.790	5.240
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.139
%RSD		0.000	60.230	330.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	81.352%	0.138
%RSD		303.100	0.719	1.051
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.060	26.380	0.000
%RSD		2.307	0.718	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.165%	0.398	0.009
%RSD		0.031	1.579	11.680
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.014	0.000	
%RSD		5.575	0.000	

CCV 11/30/2012 12:58:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.867%	97.151%	95.043%
%RSD		0.943	0.782	0.681
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.446%	101.106%	100.261%
%RSD		T 0.972	1.063	2.175
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 100.333%	99.717%
%RSD		T 0.000	T 0.521	0.422
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.801%	85.136%	97.238%
%RSD		0.830	1.738	1.530
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.431%	99.816%	-17.060
%RSD		0.917	0.515	9.609
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 100.267%	T 101.069%	99.969%
%RSD		T 0.503	T 0.453	0.405
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.566%	102.264%	104.741%
%RSD		0.273	0.456	1.898
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.313%	98.949%	-0.686
%RSD		1.317	1.126	44.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.571%	97.951%	104.925%
%RSD		2.133	0.431	0.480
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.574%	14.030
%RSD		0.000	0.622	421.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.732%	87.254%	99.473%
%RSD		0.759	0.751	0.971
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.175%	96.993%	0.000
%RSD		0.804	1.448	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.955%	102.819%	92.097%
%RSD		1.067	0.725	0.691
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.547%	0.000	
%RSD		0.402	0.000	

CCB 11/30/2012 13:04:57 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.633%	0.027	0.404
%RSD		0.333	51.230	26.190
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		10.860	14.320	1.179
%RSD		5.351	19.760	67.230
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	10.900	25.140
%RSD		T 0.000	4.239	34.310
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		77.275%	81.943%	0.025
%RSD		0.772	0.139	694.900
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.475	-0.208	-27.650
%RSD		32.640	13.160	1.522
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.116	11.250	0.030
%RSD		5.407	11.910	17.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.021	0.032	0.409
%RSD		66.040	200.400	50.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		83.268%	-0.270	0.003
%RSD		0.928	21.370	5247.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.077	0.047	-0.074
%RSD		100.200	17.770	204.100
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.029	0.304
%RSD		0.000	33.210	153.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.031	88.104%	0.146
%RSD		28.750	0.231	11.890
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.986	0.012	0.000
%RSD		2.935	80.230	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		88.888%	1.017	0.308
%RSD		0.798	12.040	11.350
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.038	0.000	
%RSD		8.491	0.000	

mb 240-66713/1-a, 11/30/2012 13:10:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.462%	0.011	0.173
%RSD		0.145	39.270	54.020
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		33.870	48.960	2.064
%RSD		4.564	14.450	10.350
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	2.224	232.700
%RSD		T 0.000	29.810	4.290
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.703%	80.722%	0.172
%RSD		0.311	0.263	77.350
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.199	-0.129	-27.320
%RSD		143.500	17.220	2.101
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.418	10.840	0.007
%RSD		4.346	0.805	57.850
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.085	0.697	11.240
%RSD		27.750	10.510	3.274
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.936%	-0.192	0.510
%RSD		0.523	25.510	6.180
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.058	0.422	-0.670
%RSD		130.700	2.368	3.342
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	-0.162
%RSD		0.000	10.920	78.490
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	87.082%	0.263
%RSD		1.187	0.620	9.332
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.723	0.681	0.000
%RSD		3.238	8.942	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.087%	0.458	0.138
%RSD		0.456	1.391	5.398
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.100	0.000	
%RSD		5.408	0.000	

lcs 240-66713/2-a, 11/30/2012 13:15:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.934%	M 932.600	91.120
%RSD		1.163	M 1.532	2.063
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8487.000	9664.000	M 9312.000
%RSD		0.273	0.797	M 0.186
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9464.000	9311.000
%RSD		T 0.000	T 0.704	0.660
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.507%	78.291%	91.710
%RSD		0.499	0.637	1.392
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 902.700	M 936.900	100.800
%RSD		M 0.421	M 0.287	5.414
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 962.800	T 9478.000	M 924.200
%RSD		T 0.387	T 0.415	M 0.311
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 942.500	M 963.300	M 995.100
%RSD		M 0.426	M 0.429	M 0.504
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.320%	M 907.900	-5.468
%RSD		0.924	M 0.066	8.666
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 936.600	M 872.200	91.050
%RSD		M 0.057	M 0.494	0.858
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.160	537.700
%RSD		0.000	0.572	36.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 936.600	84.387%	91.670
%RSD		M 0.874	0.089	0.163
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		93.440	M 900.800	0.000
%RSD		1.237	M 0.755	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.981%	93.280	TM 251.700
%RSD		1.463	0.052	TM 1.439
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1100.000	0.000	
%RSD		TM 1.039	0.000	

240-17618 -f-2-a, 11/30/2012 13:23:07 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.575%	0.280	0.628
%RSD		0.273	16.550	13.130
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		66.540	118.200	146.600
%RSD		0.917	9.104	2.121
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	18.580	246.000
%RSD		T 0.000	7.504	9.997
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.163%	75.537%	84.680
%RSD		0.535	1.213	2.576
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		9.563	4.122	-30.460
%RSD		3.509	1.502	4.235
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		10.050	2545.000	0.592
%RSD		1.067	0.102	8.012
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.556	1.154	3.731
%RSD		5.467	6.491	11.660
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.262%	0.096	0.468
%RSD		0.355	35.950	3.545
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.435	0.806	-0.072
%RSD		47.600	12.880	128.200
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.037	-0.995
%RSD		0.000	32.340	118.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.253	83.282%	0.217
%RSD		13.990	0.631	5.414
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.937	1.546	0.000
%RSD		2.050	6.161	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.539%	1.038	0.543
%RSD		0.497	9.378	8.066
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.614	0.000	
%RSD		10.500	0.000	

SD 240-17618 -f-2-a@5, 11/30/2012 13:28:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.279%	0.102	0.041
%RSD		0.409	37.580	73.230
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		16.540	29.060	33.660
%RSD		14.710	20.060	4.022
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-0.448	55.030
%RSD		T 0.000	43.700	9.749
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.540%	76.075%	17.670
%RSD		0.189	1.091	8.588
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.792	0.822	-28.880
%RSD		11.570	8.852	1.557
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.104	529.700	0.285
%RSD		1.272	0.139	35.580
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.557	0.463	1.204
%RSD		18.000	14.690	19.390
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.130%	-0.137	0.138
%RSD		0.452	29.020	39.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.314	0.328	-0.667
%RSD		38.950	25.220	10.350
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.030	0.578
%RSD		0.000	33.770	855.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.227	83.424%	0.101
%RSD		48.600	0.249	29.840
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.031	0.517	0.000
%RSD		4.312	17.560	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.392%	0.462	0.270
%RSD		0.756	1.235	7.235
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.334	0.000	
%RSD		23.140	0.000	

240-17618 -f-2-b ms, 11/30/2012 13:34:14 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.789%	M 970.200	95.690
%RSD		0.726	M 0.395	1.234
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9037.000	10330.000	M 9938.000
%RSD		0.673	0.859	M 1.010
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9879.000	9771.000
%RSD		T 0.000	T 0.661	0.534
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.565%	79.673%	M 212.100
%RSD		0.354	1.392	M 1.668
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 968.500	M 995.100	110.000
%RSD		M 0.145	M 0.577	6.058
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1020.000	T 13920.000	M 979.400
%RSD		TM 0.385	T 0.269	M 0.539
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 996.600	M 1016.000	M 1028.000
%RSD		M 0.747	M 0.927	M 0.684
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.845%	M 944.100	-4.813
%RSD		0.829	M 0.637	12.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 956.000	M 908.600	96.100
%RSD		M 1.145	M 0.966	1.388
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.300	655.900
%RSD		0.000	0.613	30.980
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 963.000	86.739%	95.670
%RSD		M 0.494	0.266	0.590
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		96.360	M 935.200	0.000
%RSD		1.294	M 0.640	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.355%	98.510	TM 267.700
%RSD		0.234	1.651	TM 0.745
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1149.000	0.000	
%RSD		TM 0.685	0.000	

240-17618 -f-2-c msd, 11/30/2012 13:41:26 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.455%	M 946.100	93.870
%RSD		0.660	M 0.376	0.867
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8826.000	10050.000	M 9666.000
%RSD		0.289	1.170	M 0.241
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9562.000	9438.000
%RSD		T 0.000	T 0.589	0.459
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.505%	78.709%	149.900
%RSD		0.044	1.083	2.459
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 932.800	M 967.500	109.900
%RSD		M 0.659	M 0.599	4.396
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 988.100	T 12110.000	M 953.300
%RSD		T 0.214	T 0.454	M 0.591
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 968.300	M 987.300	M 1002.000
%RSD		M 0.324	M 0.317	M 0.957
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.083%	M 917.500	-4.933
%RSD		1.595	M 0.926	8.903
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 927.300	M 883.400	94.440
%RSD		M 1.455	M 0.498	0.917
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.000	571.200
%RSD		0.000	0.498	32.330
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 933.900	86.503%	92.250
%RSD		M 0.527	0.793	0.374
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		94.120	M 907.200	0.000
%RSD		1.065	M 0.459	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.385%	96.730	TM 262.400
%RSD		1.256	0.130	TM 1.015
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1116.000	0.000	
%RSD		TM 0.648	0.000	

240-17618 -g-2-a, 11/30/2012 13:48:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.234%	0.061	0.925
%RSD		0.918	23.330	14.310
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		69.400	7.681	9.743
%RSD		1.678	11.700	8.045
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-7.996	15.810
%RSD		T 0.000	5.978	40.820
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.161%	77.574%	0.630
%RSD		0.505	0.930	44.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.260	0.515	-27.900
%RSD		28.460	39.260	0.469
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.342	18.270	0.429
%RSD		1.688	5.832	39.130
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.466	0.917	3.187
%RSD		40.360	15.380	11.470
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.364%	0.177	0.425
%RSD		0.091	77.070	20.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.855	0.422	-0.056
%RSD		15.840	33.380	152.900
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.052	-2.838
%RSD		0.000	37.440	9.438
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.390	85.500%	0.254
%RSD		53.090	0.708	11.850
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.226	0.461	0.000
%RSD		3.833	41.170	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.019%	1.152	0.725
%RSD		0.588	6.482	1.201
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.538	0.000	
%RSD		31.740	0.000	

240-17618 -f-3-a, 11/30/2012 13:54:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.804%	0.024	M 360.900
%RSD		0.226	37.390	M 0.218
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 19980.000	57230.000	123.400
%RSD		T 7.597	1.780	3.145
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13100.000	M 148300.000
%RSD		T 0.000	T 0.275	M 0.457
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.646%	80.729%	7.548
%RSD		0.865	1.177	6.876
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.559	10.230	-22.770
%RSD		22.260	1.506	1.122
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		10.350	147.800	0.259
%RSD		0.888	1.160	32.220
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.136	6.222	11.650
%RSD		8.660	1.239	4.435
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.414%	1.009	0.600
%RSD		0.331	10.010	12.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.380	M 343.700	7.293
%RSD		1.434	M 0.946	1.204
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.008	1.169
%RSD		0.000	100.200	339.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.084	86.284%	0.107
%RSD		88.070	0.940	18.860
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.172	35.420	0.000
%RSD		3.279	1.354	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.740%	0.507	0.332
%RSD		0.467	2.207	3.515
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.883	0.000	
%RSD		7.705	0.000	

240-17618 -g-3-a, 11/30/2012 13:59:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.598%	0.075	M 361.500
%RSD		1.209	3.326	M 0.942
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		19330.000	57310.000	3.091
%RSD		0.543	0.737	10.910
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 13180.000	M 149300.000
%RSD		T 0.000	T 0.695	M 0.427
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.851%	80.596%	0.057
%RSD		0.453	1.114	150.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.372	3.033	-22.970
%RSD		35.410	3.670	1.007
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		5.942	-39.010	0.493
%RSD		0.595	0.863	4.921
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.795	4.295	9.280
%RSD		1.759	1.938	3.620
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.633%	1.100	0.566
%RSD		0.638	29.200	8.972
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.193	M 347.400	7.290
%RSD		8.523	M 0.257	3.317
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	1.026
%RSD		0.000	505.900	106.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	85.342%	0.139
%RSD		32.750	0.607	7.393
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.987	34.890	0.000
%RSD		2.637	3.404	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.933%	0.336	0.218
%RSD		0.755	1.319	4.289
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.472	0.000	
%RSD		1.415	0.000	

240-17618 -f-4-a, 11/30/2012 14:04:58 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.631%	1.245	M 399.900
%RSD		0.528	1.331	M 1.109
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14440.000	M 132300.000	M 28840.000
%RSD		0.777	M 0.779	M 0.549
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9925.000	M 311500.000
%RSD		T 0.000	T 0.607	M 0.485
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.633%	78.459%	M 1415.000
%RSD		0.565	0.907	M 0.956
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		79.390	45.780	-14.610
%RSD		0.715	0.868	8.111
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 851.900	T 32900.000	18.240
%RSD		T 0.079	T 1.138	1.183
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		41.950	41.580	91.370
%RSD		2.106	1.319	0.585
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.427%	6.374	0.771
%RSD		0.988	1.306	15.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		10.870	M 444.300	1.677
%RSD		8.621	M 0.891	10.620
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.071	-9.557
%RSD		0.000	3.219	36.420
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.492	83.074%	1.136
%RSD		1.447	0.206	5.370
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.357	M 355.600	0.000
%RSD		2.487	M 0.711	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.862%	0.409	0.501
%RSD		1.074	5.302	2.592
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		15.000	0.000	
%RSD		0.312	0.000	

CCV 11/30/2012 14:10:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.313%	97.384%	97.667%
%RSD		0.321	0.353	0.360
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 101.874%	102.646%	99.575%
%RSD		T 0.508	0.559	3.126
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 100.619%	99.965%
%RSD		T 0.000	T 0.375	0.411
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		77.619%	85.456%	103.444%
%RSD		0.695	1.114	2.734
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		99.164%	100.629%	-18.270
%RSD		0.590	0.462	13.100
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 100.918%	T 102.049%	100.194%
%RSD		T 0.389	T 0.510	0.619
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		100.396%	101.991%	103.939%
%RSD		1.520	0.689	0.727
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		83.891%	98.677%	-0.479
%RSD		0.894	0.501	22.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		97.803%	96.816%	104.111%
%RSD		3.012	0.310	0.383
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	99.754%	60.470
%RSD		0.000	0.836	59.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		98.756%	89.276%	98.256%
%RSD		0.972	0.219	0.648
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		99.709%	96.425%	0.000
%RSD		0.427	0.793	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		91.313%	104.106%	94.706%
%RSD		0.584	0.894	0.485
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		102.280%	0.000	
%RSD		0.340	0.000	

CCB 11/30/2012 14:17:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.135%	0.024	1.300
%RSD		0.226	50.910	10.160
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		13.050	16.470	1.602
%RSD		6.367	27.870	24.200
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	11.760	31.560
%RSD		T 0.000	6.635	19.230
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		76.548%	80.434%	0.230
%RSD		0.672	0.238	112.700
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.316	-0.209	-26.610
%RSD		49.220	13.110	2.967
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.147	13.040	0.036
%RSD		3.105	5.882	21.630
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.001	0.056	0.605
%RSD		1496.000	42.530	32.680
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		81.896%	-0.223	0.087
%RSD		0.624	52.940	21.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.148	0.065	-0.330
%RSD		54.330	13.260	32.700
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.039	0.037
%RSD		0.000	8.736	1273.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.041	87.174%	0.156
%RSD		55.760	1.137	20.100
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.547	0.043	0.000
%RSD		2.632	89.570	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		87.992%	0.810	0.399
%RSD		0.879	12.800	7.073
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.041	0.000	
%RSD		15.000	0.000	

240-17618 -g-4-a, 11/30/2012 14:22:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.645%	0.021	M 407.600
%RSD		0.770	45.560	M 0.644
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11690.000	77070.000	2.411
%RSD		0.928	0.604	19.210
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3542.000	M 159000.000
%RSD		T 0.000	T 0.369	M 0.275
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.782%	81.797%	0.340
%RSD		0.459	0.554	52.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.862	4.040	-21.960
%RSD		42.010	2.164	3.415
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		55.680	-45.370	0.204
%RSD		0.234	1.985	9.091
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.359	3.647	7.301
%RSD		4.669	3.549	5.451
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.608%	1.266	0.529
%RSD		0.415	12.960	19.440
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.849	M 292.900	1.390
%RSD		2.344	M 0.386	3.534
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.009	0.930
%RSD		0.000	66.990	123.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.045	86.819%	0.067
%RSD		16.010	1.275	30.760
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.795	87.350	0.000
%RSD		3.577	0.940	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.085%	0.392	0.189
%RSD		1.025	1.481	4.160
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.160	0.000	
%RSD		1.820	0.000	

240-17618 -f-5-a, 11/30/2012 14:28:29 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.884%	0.196	68.930
%RSD		0.844	7.297	1.503
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12860.000	37230.000	M 5116.000
%RSD		0.508	1.224	M 1.227
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3749.000	89370.000
%RSD		T 0.000	T 0.752	0.436
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.582%	77.525%	M 212.600
%RSD		0.165	0.272	M 5.779
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		11.600	7.790	-20.950
%RSD		0.734	1.406	3.052
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 663.500	5358.000	3.281
%RSD		T 0.434	0.880	2.162
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		6.751	20.580	36.360
%RSD		3.394	2.264	2.280
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.457%	1.795	0.556
%RSD		0.354	5.010	14.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.471	M 201.900	1.621
%RSD		17.560	M 1.036	9.538
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.061	-4.600
%RSD		0.000	16.940	98.320
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.105	83.527%	0.340
%RSD		32.600	0.331	5.398
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.796	142.500	0.000
%RSD		6.326	0.383	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.462%	0.317	0.196
%RSD		0.530	4.960	2.820
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.383	0.000	
%RSD		1.301	0.000	

240-17618 -g-5-a, 11/30/2012 14:33:58 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.328%	0.014	64.270
%RSD		0.341	30.120	1.309
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13440.000	37790.000	6.877
%RSD		0.419	0.122	15.710
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2321.000	91460.000
%RSD		T 0.000	T 0.318	0.817
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.136%	78.017%	1.520
%RSD		0.250	0.863	79.190
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.878	-0.026	-23.380
%RSD		15.390	64.200	1.609
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 774.500	-8.813	1.114
%RSD		T 0.277	18.650	6.634
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.815	5.569	24.790
%RSD		10.910	0.529	2.247
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.536%	0.783	0.525
%RSD		0.664	26.730	2.095
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.182	M 209.700	1.679
%RSD		40.460	M 1.114	15.230
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-0.050
%RSD		0.000	52.730	3925.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.035	83.895%	0.137
%RSD		26.220	0.741	12.090
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.753	112.800	0.000
%RSD		3.493	1.687	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.123%	0.212	0.106
%RSD		0.456	3.100	3.829
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.462	0.000	
%RSD		2.471	0.000	

240-17732 -j-3-a, 11/30/2012 14:39:30 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.737%	0.005	103.600
%RSD		0.577	132.600	0.482
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18200.000	26.970	684.100
%RSD		0.990	25.200	0.383
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 30390.000	M 116800.000
%RSD		T 0.000	T 0.421	M 0.279
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.420%	71.708%	0.207
%RSD		0.606	0.772	117.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		3.120	-0.175	-32.750
%RSD		2.202	14.390	0.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.381	-27.120	0.106
%RSD		3.161	1.693	15.330
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.427	0.407	1.166
%RSD		22.720	19.820	6.419
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.983%	0.941	0.509
%RSD		0.642	10.400	10.950
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.864	M 612.000	24.120
%RSD		15.380	M 0.232	2.671
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	1.618
%RSD		0.000	274.000	121.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	78.763%	0.225
%RSD		810.200	0.789	6.773
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.795	100.700	0.000
%RSD		2.366	0.319	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.052%	10.550	0.079
%RSD		0.633	0.841	3.144
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.012	0.000	
%RSD		8.587	0.000	

240-18016 -j-1-a, 11/30/2012 14:45:04 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.349%	0.146	M 199.000
%RSD		0.060	20.320	M 0.876
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 1155000.000	13260.000	M 3651.000
%RSD		TM 1.361	1.625	M 1.107
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8130.000	91840.000
%RSD		T 0.000	T 0.940	0.475
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.846%	69.898%	107.200
%RSD		0.609	0.248	1.904
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.950	4.820	-29.590
%RSD		2.669	2.463	3.611
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		107.700	3982.000	2.038
%RSD		0.793	0.894	1.685
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		6.378	5.627	16.300
%RSD		2.465	2.467	2.878
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.265%	2.261	0.473
%RSD		0.963	6.239	16.890
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.252	M 331.200	9.827
%RSD		34.210	M 0.124	0.537
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.038	0.312
%RSD		0.000	6.279	783.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.124	71.146%	0.322
%RSD		21.730	0.263	3.829
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.769	92.040	0.000
%RSD		2.282	1.234	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.351%	0.291	0.174
%RSD		0.570	9.506	11.000
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.506	0.000	
%RSD		0.557	0.000	

250-8142-f-1-a, 11/30/2012 14:50:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.199%	0.005	4.420
%RSD		0.503	66.360	3.532
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		596.300	93.660	169.000
%RSD		11.700	0.632	3.235
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	146.700	770.100
%RSD		T 0.000	1.525	4.427
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.467%	76.919%	13.550
%RSD		0.164	0.665	7.028
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.439	0.405	-25.710
%RSD		16.460	11.830	1.251
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.406	321.200	0.125
%RSD		0.806	0.522	13.250
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.651	4.859	75.980
%RSD		12.500	2.241	1.325
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.579%	-0.020	0.476
%RSD		0.666	591.400	8.807
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.034	3.204	-0.702
%RSD		236.000	4.096	1.481
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.010	-0.138
%RSD		0.000	36.270	2867.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.110	84.864%	0.261
%RSD		12.000	0.429	4.623
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.797	4.018	0.000
%RSD		3.459	5.033	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.326%	1.732	0.057
%RSD		0.629	0.670	9.455
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.576	0.000	
%RSD		1.210	0.000	

250-8142-f-2-a, 11/30/2012 14:56:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.094%	0.011	7.619
%RSD		0.109	50.200	1.276
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1169.000	139.000	25.720
%RSD		3.449	9.333	5.683
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	583.400	4841.000
%RSD		T 0.000	0.630	0.934
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.166%	76.015%	0.737
%RSD		0.359	0.487	51.230
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.190	0.060	-25.280
%RSD		125.100	41.680	3.200
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		5.634	74.260	0.098
%RSD		0.492	0.718	8.939
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.519	3.112	M 307.100
%RSD		8.481	9.384	M 0.522
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.641%	0.074	0.416
%RSD		0.763	215.100	12.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.089	15.330	-0.654
%RSD		98.270	0.383	7.690
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	1.328
%RSD		0.000	39.380	159.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.049	83.966%	0.063
%RSD		28.020	0.545	12.270
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.279	23.240	0.000
%RSD		4.911	0.879	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		86.596%	0.545	0.047
%RSD		0.124	1.244	8.334
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.395	0.000	
%RSD		2.092	0.000	

240-17879 -b-2-b, 11/30/2012 15:01:39 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.036%	0.006	67.150
%RSD		0.037	126.900	0.661
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25550.000	58320.000	15.780
%RSD		T 0.691	0.427	12.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4134.000	M 135500.000
%RSD		T 0.000	T 0.497	M 0.560
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.993%	81.411%	0.027
%RSD		0.470	0.679	185.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.313	20.650	-18.170
%RSD		32.790	2.126	0.887
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		10.160	-23.540	0.114
%RSD		1.395	4.446	15.150
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.995	0.752	2.357
%RSD		4.146	8.513	13.170
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.399%	1.229	0.501
%RSD		1.245	3.673	23.910
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.913	M 781.100	0.309
%RSD		20.470	M 0.602	9.978
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.002	-0.009
%RSD		0.000	92.920	8608.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.018	85.060%	0.028
%RSD		152.900	0.489	63.790
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.744	30.310	0.000
%RSD		5.672	2.054	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.894%	0.146	0.042
%RSD		0.806	0.990	4.998
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.011	0.000	
%RSD		35.770	0.000	

240-17879 -b-3-b, 11/30/2012 15:07:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.436%	0.007	70.180
%RSD		0.209	195.600	0.933
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 25980.000	58520.000	17.380
%RSD		T 0.963	1.413	7.491
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4266.000	M 137200.000
%RSD		T 0.000	T 0.494	M 0.690
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.116%	81.765%	0.141
%RSD		0.528	0.736	105.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.338	22.770	-15.400
%RSD		147.100	0.917	8.323
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		11.170	-13.150	0.104
%RSD		0.896	6.619	12.030
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.102	1.134	2.077
%RSD		5.918	3.997	8.533
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.386%	1.438	0.542
%RSD		1.110	8.077	23.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.821	M 791.800	0.321
%RSD		7.372	M 0.494	39.430
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.159
%RSD		0.000	56.010	82.640
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.019	85.229%	0.085
%RSD		66.800	0.468	9.679
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.725	30.840	0.000
%RSD		7.788	0.123	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.692%	0.123	0.035
%RSD		0.400	6.897	9.729
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.025	0.000	
%RSD		4.806	0.000	

240-17879 -b-4-b, 11/30/2012 15:12:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.477%	0.004	85.100
%RSD		1.015	182.900	0.714
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 22960.000	51840.000	17.280
%RSD		T 0.626	0.347	8.551
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4667.000	M 124100.000
%RSD		T 0.000	T 0.215	M 0.077
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.750%	79.741%	0.030
%RSD		0.902	0.495	170.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.586	40.850	-12.860
%RSD		92.050	1.169	12.810
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		10.190	-22.060	0.087
%RSD		0.219	0.065	11.600
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.725	0.882	2.039
%RSD		4.221	11.630	16.270
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.864%	1.551	0.506
%RSD		0.368	14.240	13.570
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.316	M 688.400	0.978
%RSD		10.860	M 1.133	6.111
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.235
%RSD		0.000	503.100	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	83.178%	0.073
%RSD		192.400	0.244	18.280
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.689	30.030	0.000
%RSD		7.101	1.277	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.455%	0.130	0.029
%RSD		0.498	12.050	31.040
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.018	0.000	
%RSD		22.980	0.000	

CCV 11/30/2012 15:18:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.184%	97.639%	96.227%
%RSD		0.067	0.160	0.652
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 103.709%	105.476%	101.861%
%RSD		T 1.101	0.811	2.514
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 100.737%	99.826%
%RSD		T 0.000	T 0.902	0.757
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		74.073%	78.175%	100.560%
%RSD		0.338	1.237	3.418
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.947%	100.121%	-14.780
%RSD		0.884	0.972	10.710
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 99.764%	T 101.398%	98.659%
%RSD		T 0.218	T 0.863	0.452
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.548%	99.691%	105.073%
%RSD		1.090	1.888	0.128
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		77.421%	97.769%	-0.523
%RSD		0.751	0.473	53.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		98.634%	96.829%	102.069%
%RSD		0.775	0.898	1.058
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	98.913%	73.870
%RSD		0.000	0.312	62.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		99.234%	83.093%	98.651%
%RSD		0.274	1.159	0.460
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		98.426%	96.407%	0.000
%RSD		0.519	0.507	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		86.247%	103.025%	93.942%
%RSD		1.119	0.988	0.974
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		102.418%	0.000	
%RSD		0.923	0.000	

CCB 11/30/2012 15:24:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.218%	0.041	0.637
%RSD		0.326	5.497	8.394
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		47.770	57.370	2.457
%RSD		4.310	5.873	17.610
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	16.450	41.810
%RSD		T 0.000	3.758	7.784
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.749%	77.583%	0.093
%RSD		0.664	1.462	199.400
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.214	-0.148	-26.700
%RSD		37.150	26.310	2.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.181	22.440	0.087
%RSD		2.486	2.512	11.390
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.042	0.077	0.486
%RSD		64.470	92.240	45.170
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.990%	-0.081	0.045
%RSD		0.435	62.300	100.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.173	0.278	-0.339
%RSD		32.570	15.200	11.780
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.081	0.479
%RSD		0.000	7.597	249.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.077	84.164%	0.171
%RSD		12.060	0.409	22.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.383	0.067	0.000
%RSD		5.561	49.070	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.736%	0.816	0.378
%RSD		0.677	12.680	2.847
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.094	0.000	
%RSD		4.180	0.000	

240-17879 -c-15 -b, 11/30/2012 15:30:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.199%	0.007	43.110
%RSD		0.335	47.730	0.812
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 30950.000	24240.000	15.890
%RSD		T 1.163	1.156	5.934
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 3775.000	89590.000
%RSD		T 0.000	T 0.819	0.382
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.337%	76.756%	0.126
%RSD		0.637	1.140	110.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.114	6.616	-21.540
%RSD		198.900	2.681	6.356
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		12.670	-5.495	0.128
%RSD		0.355	10.640	4.664
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.266	1.127	2.522
%RSD		3.501	12.980	12.030
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.729%	0.731	0.465
%RSD		0.935	15.820	11.410
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.223	M 445.500	-0.322
%RSD		23.650	M 1.230	10.180
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.058
%RSD		0.000	597.700	877.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	81.341%	0.098
%RSD		99.060	0.551	15.330
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.441	34.830	0.000
%RSD		3.054	0.601	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.833%	0.290	0.144
%RSD		0.740	6.332	3.974
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.010	0.000	
%RSD		23.110	0.000	

240-17879-e-16-b, 11/30/2012 15:35:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.635%	0.007	33.050
%RSD		0.406	124.700	0.792
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9006.000	2637.000	12.610
%RSD		0.421	2.648	7.641
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7388.000	14690.000
%RSD		T 0.000	T 0.431	0.637
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.652%	70.710%	0.048
%RSD		0.194	0.726	428.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.400	36.920	-22.480
%RSD		40.480	1.535	5.017
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.479	1.052	0.162
%RSD		2.152	42.320	20.150
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.457	1.453	0.674
%RSD		28.600	6.286	24.750
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.426%	0.055	0.425
%RSD		0.567	124.800	5.247
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.312	M 574.300	0.116
%RSD		41.280	M 0.836	126.900
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	-0.459
%RSD		0.000	37.000	84.510
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	77.468%	0.039
%RSD		506.700	0.197	28.430
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.581	14.170	0.000
%RSD		5.607	3.372	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.617%	0.193	0.096
%RSD		0.540	1.563	10.340
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.012	0.000	
%RSD		14.490	0.000	

240-17879 -e-17-b, 11/30/2012 15:41:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.248%	0.006	32.000
%RSD		0.104	135.300	2.347
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8754.000	2607.000	8.302
%RSD		0.817	1.594	5.946
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7156.000	14180.000
%RSD		T 0.000	T 0.843	0.305
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.185%	69.977%	0.215
%RSD		0.383	0.718	69.710
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.120	36.180	-23.200
%RSD		375.000	1.551	8.294
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.224	-2.889	0.187
%RSD		4.426	16.810	3.469
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.581	0.972	1.440
%RSD		22.200	9.470	9.626
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.281%	0.078	0.432
%RSD		0.466	113.600	25.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.296	M 570.600	0.057
%RSD		26.630	M 0.470	112.700
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.235
%RSD		0.000	85.990	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	77.085%	0.018
%RSD		210.100	0.609	7.929
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.605	13.650	0.000
%RSD		2.991	1.402	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.658%	0.134	0.059
%RSD		0.493	1.123	7.563
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.004	0.000	
%RSD		63.900	0.000	

240-17879 -e-18-b, 11/30/2012 15:46:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.757%	0.019	42.670
%RSD		0.520	65.440	1.218
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34810.000	28830.000	21.840
%RSD		T 0.336	0.137	5.367
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2976.000	M 103500.000
%RSD		T 0.000	T 0.547	M 0.116
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.211%	76.019%	0.129
%RSD		0.656	0.549	83.250
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.293	0.040	-23.190
%RSD		100.700	96.790	3.455
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		20.930	10.120	0.157
%RSD		0.322	14.230	5.203
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.012	0.884	3.065
%RSD		5.104	8.736	4.080
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.838%	0.795	0.454
%RSD		0.316	15.640	13.230
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.186	M 391.100	-0.685
%RSD		86.900	M 0.516	7.371
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	-0.450
%RSD		0.000	54.780	82.750
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.026	81.013%	0.046
%RSD		27.640	0.345	45.670
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.448	37.640	0.000
%RSD		5.761	0.455	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		84.732%	0.103	0.041
%RSD		0.223	9.485	10.530
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.010	0.000	
%RSD		22.930	0.000	

240-17879 -e-19-b, 11/30/2012 15:52:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.863%	0.016	42.580
%RSD		0.438	54.180	2.076
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34710.000	28530.000	23.480
%RSD		T 0.068	1.075	4.096
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2962.000	M 103100.000
%RSD		T 0.000	T 0.406	M 0.296
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.025%	74.329%	0.228
%RSD		0.437	0.144	85.820
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.168	0.027	-21.290
%RSD		119.100	42.030	3.175
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		20.750	17.860	0.151
%RSD		0.271	4.078	20.300
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.810	0.842	2.585
%RSD		11.880	8.862	10.230
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.210%	0.695	0.440
%RSD		0.374	4.068	6.375
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.117	M 387.200	-0.699
%RSD		9.981	M 0.564	2.211
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.456
%RSD		0.000	322.900	83.870
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	78.632%	0.055
%RSD		382.200	0.571	13.380
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.428	37.870	0.000
%RSD		5.771	1.265	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.275%	0.089	0.029
%RSD		0.761	4.035	9.121
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.010	0.000	
%RSD		42.640	0.000	

mb 240-66583/1-a, 11/30/2012 15:57:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.343%	0.003	0.577
%RSD		0.770	37.330	5.044
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		58.190	61.240	4.174
%RSD		3.096	5.473	3.474
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	24.650	315.000
%RSD		0.000	6.050	5.676
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		69.177%	69.903%	0.150
%RSD		0.541	0.577	78.020
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.026	0.474	-23.330
%RSD		990.500	5.793	5.184
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.487	23.700	0.014
%RSD		7.494	2.318	52.020
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.245	0.930	8.164
%RSD		11.940	5.752	3.302
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.190%	0.013	0.600
%RSD		0.656	672.100	25.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.019	0.539	-1.007
%RSD		386.000	3.349	2.146
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.697
%RSD		0.000	28.430	133.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.017	76.937%	18.710
%RSD		50.980	0.555	3.512
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.150	2.037	0.000
%RSD		17.580	2.377	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.829%	0.075	0.033
%RSD		0.628	1.833	17.800
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.971	0.000	
%RSD		0.818	0.000	

lcs 240-66583/3-a, 11/30/2012 16:03:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.181%	M 931.400	87.910
%RSD		0.664	M 0.930	0.693
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8589.000	9983.000	M 9382.000
%RSD		0.339	0.628	M 0.422
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9653.000	9464.000
%RSD		0.000	T 0.189	1.208
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.795%	67.219%	93.500
%RSD		0.417	0.665	2.593
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 888.900	M 933.000	92.840
%RSD		M 0.465	M 0.174	13.640
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 965.700	T 9711.000	M 921.800
%RSD		T 0.405	T 0.612	M 0.575
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 926.600	M 943.700	M 968.900
%RSD		M 0.137	M 0.341	M 1.048
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.023%	M 881.000	-4.698
%RSD		0.519	M 0.888	4.157
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 881.100	M 893.500	91.360
%RSD		M 0.545	M 0.719	1.073
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	96.720	577.100
%RSD		0.000	0.114	30.520
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 928.700	74.448%	105.500
%RSD		M 0.547	0.509	0.923
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		90.450	M 907.800	0.000
%RSD		0.951	M 0.506	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.815%	93.290	TM 258.800
%RSD		0.920	1.039	TM 0.718
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1134.000	0.000	
%RSD		TM 0.409	0.000	

240-17970 -b-9-a, 11/30/2012 16:10:20 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.822%	10.360	125.100
%RSD		0.244	1.906	0.802
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		594.300	52510.000	TM 181200.000
%RSD		1.079	0.475	TM 0.137
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 33830.000	80200.000
%RSD		0.000	T 0.778	0.328
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.935%	87.793%	M 457.100
%RSD		0.620	2.091	M 0.284
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 259.200	M 213.500	-6.845
%RSD		M 1.173	M 0.576	23.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10090.000	TM 325300.000	136.500
%RSD		TM 0.573	TM 0.414	0.363
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 273.200	166.100	M 634.900
%RSD		M 0.755	1.661	M 0.790
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.060%	46.870	1.199
%RSD		2.078	1.117	7.278
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.434	M 362.300	3.311
%RSD		5.308	M 0.399	1.670
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.257	-85.620
%RSD		0.000	2.000	15.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.727	86.907%	12.920
%RSD		4.575	1.516	0.585
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.325	M 671.100	0.000
%RSD		1.233	M 0.229	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		113.221%	0.801	1.567
%RSD		1.532	7.791	2.137
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		117.000	0.000	
%RSD		0.248	0.000	

SD 240-17970 -b-9-a@5, 11/30/2012 16:15:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.963%	2.139	27.580
%RSD		1.153	3.154	0.761
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		379.700	12220.000	M 37000.000
%RSD		0.534	0.574	M 0.815
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7589.000	17760.000
%RSD		T 0.000	T 0.636	1.057
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.927%	89.403%	97.780
%RSD		0.455	0.532	2.951
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		57.230	47.800	-20.400
%RSD		1.686	0.872	5.412
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2241.000	TM 71940.000	30.650
%RSD		TM 0.517	TM 0.446	0.992
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		63.170	39.400	155.700
%RSD		1.034	0.389	0.865
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.687%	10.960	0.319
%RSD		1.075	1.316	9.779
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.039	74.710	0.058
%RSD		2.722	0.524	125.200
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.133	-21.080
%RSD		0.000	11.290	45.130
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.321	92.727%	3.269
%RSD		19.560	0.303	5.965
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.695	148.400	0.000
%RSD		6.363	0.146	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.212%	0.333	0.637
%RSD		0.600	6.971	3.448
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		30.230	0.000	
%RSD		0.431	0.000	

240-17970 -b-9-d ms, 11/30/2012 16:21:28 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.455%	M 871.500	167.900
%RSD		0.783	M 0.851	1.349
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7981.000	56750.000	TM 173200.000
%RSD		0.843	0.319	TM 0.299
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 39310.000	72220.000
%RSD		0.000	T 1.138	0.199
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		79.151%	90.411%	M 437.500
%RSD		0.386	1.521	M 1.565
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 993.300	M 1034.000	113.700
%RSD		M 0.613	M 0.328	2.686
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9466.000	TM 310300.000	M 944.500
%RSD		TM 0.130	TM 0.199	M 0.347
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1059.000	M 992.500	M 1441.000
%RSD		M 0.315	M 0.964	M 0.691
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.401%	M 867.200	-4.630
%RSD		1.906	M 0.471	14.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 820.800	M 1153.000	81.120
%RSD		M 0.626	M 0.437	1.781
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	86.200	355.000
%RSD		0.000	0.270	9.142
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 860.800	89.622%	85.900
%RSD		M 0.237	1.159	0.486
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		20.550	M 1399.000	0.000
%RSD		1.848	M 1.387	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.826%	39.310	T 192.800
%RSD		1.562	1.743	T 0.236
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 959.400	0.000	
%RSD		TM 0.151	0.000	

CCV 11/30/2012 16:28:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.747%	95.985%	95.510%
%RSD		0.366	0.638	1.170
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.609%	104.187%	99.893%
%RSD		T 0.934	0.640	1.579
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 102.577%	99.996%
%RSD		T 0.000	T 0.183	0.252
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.345%	81.518%	102.747%
%RSD		0.785	1.764	3.151
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.003%	100.406%	-18.550
%RSD		0.535	0.439	11.720
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 101.505%	T 103.360%	99.623%
%RSD		T 0.392	T 0.525	1.174
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.294%	100.768%	105.182%
%RSD		1.196	1.201	1.712
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.426%	98.546%	-0.694
%RSD		1.961	0.651	16.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.991%	97.255%	103.824%
%RSD		1.571	0.908	0.826
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.070%	36.660
%RSD		0.000	1.046	31.120
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.388%	86.800%	98.722%
%RSD		1.182	0.995	0.763
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.673%	96.264%	0.000
%RSD		0.536	1.647	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.691%	104.296%	94.392%
%RSD		1.322	0.178	0.843
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		102.923%	0.000	
%RSD		0.728	0.000	

CCB 11/30/2012 16:36:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.979%	0.049	0.606
%RSD		0.222	29.730	7.090
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		23.670	29.360	2.640
%RSD		8.750	25.100	23.280
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	18.700	40.460
%RSD		T 0.000	1.744	8.507
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		71.945%	78.120%	0.331
%RSD		0.433	0.552	118.400
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.228	-0.170	-30.390
%RSD		23.890	6.297	1.734
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.247	19.550	0.048
%RSD		6.135	5.250	15.910
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.066	0.072	0.502
%RSD		36.300	50.960	27.010
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		79.281%	-0.163	0.029
%RSD		0.884	16.110	59.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.151	0.109	-0.284
%RSD		36.080	3.438	73.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.053	-0.341
%RSD		0.000	17.470	333.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.033	85.640%	0.166
%RSD		7.991	0.492	25.390
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.326	0.077	0.000
%RSD		3.656	26.690	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		88.134%	0.784	0.456
%RSD		0.662	6.456	8.048
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.069	0.000	
%RSD		16.320	0.000	

240-17970 -b-9-e msd, 11/30/2012 16:41:29 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.054%	M 846.700	155.700
%RSD		1.090	M 0.478	0.545
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8085.000	55730.000	TM 159900.000
%RSD		0.366	0.536	TM 0.247
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 34470.000	77440.000
%RSD		T 0.000	T 0.660	0.460
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.040%	93.787%	M 499.100
%RSD		0.830	1.538	M 0.680
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1023.000	M 1042.000	119.300
%RSD		M 0.403	M 0.301	5.659
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9708.000	TM 304600.000	M 963.100
%RSD		TM 0.180	TM 0.628	M 0.329
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1068.000	M 971.800	M 1342.000
%RSD		M 0.251	M 0.131	M 0.314
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.472%	M 831.500	-3.275
%RSD		1.418	M 0.184	8.239
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 760.600	M 1177.000	88.000
%RSD		M 0.132	M 0.056	0.515
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	86.570	284.500
%RSD		0.000	0.716	61.590
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 833.900	92.913%	88.470
%RSD		M 0.476	1.387	0.615
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		19.480	M 1394.000	0.000
%RSD		0.385	M 0.533	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		117.583%	42.680	T 193.700
%RSD		1.752	0.643	T 0.710
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 939.700	0.000	
%RSD		TM 0.189	0.000	

240-18011-b-1-a, 11/30/2012 16:48:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.011%	6.340	18.930
%RSD		0.292	1.510	1.468
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		248.100	9846.000	TM 81720.000
%RSD		0.482	0.695	TM 1.029
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6006.000	12990.000
%RSD		T 0.000	T 1.133	0.685
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.414%	99.597%	M 672.600
%RSD		0.181	1.496	M 0.880
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 215.800	109.200	-18.920
%RSD		M 0.188	0.274	10.240
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 17640.000	TM 172400.000	143.700
%RSD		TM 0.320	TM 0.154	0.592
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.870	86.080	M 510.600
%RSD		0.463	0.727	M 0.367
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.287%	85.670	0.929
%RSD		0.844	0.460	15.570
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.363	66.880	14.960
%RSD		3.653	0.782	1.188
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.318	-27.540
%RSD		0.000	1.901	33.340
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.271	100.663%	9.196
%RSD		4.211	0.330	1.832
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.962	M 1464.000	0.000
%RSD		5.696	M 0.745	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.518%	1.108	2.106
%RSD		1.242	4.877	1.847
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1022.000	0.000	
%RSD		TM 0.411	0.000	

240-18011-b-2-a, 11/30/2012 16:54:10 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		95.359%	6.479	23.290
%RSD		0.469	1.547	0.708
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		231.600	14090.000	TM 103700.000
%RSD		0.648	1.398	TM 0.570
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8245.000	18370.000
%RSD		T 0.000	T 0.728	0.364
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.843%	103.748%	M 831.600
%RSD		0.153	0.076	M 0.607
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 200.500	126.700	-9.997
%RSD		M 0.921	0.590	14.820
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9694.000	TM 150000.000	85.480
%RSD		TM 0.400	TM 0.799	0.440
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		111.800	107.200	M 653.200
%RSD		0.853	0.569	M 0.399
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.418%	66.600	1.119
%RSD		0.544	1.066	14.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.784	91.240	9.518
%RSD		5.014	0.964	1.549
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.411	-39.760
%RSD		0.000	2.811	43.070
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.043	103.206%	12.140
%RSD		5.121	0.150	2.467
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.461	M 881.800	0.000
%RSD		4.030	M 0.721	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		117.632%	0.844	1.897
%RSD		0.490	1.291	1.164
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1196.000	0.000	
%RSD		TM 0.334	0.000	

240-18011-b-3-a, 11/30/2012 16:59:50 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		102.564%	6.413	8.339
%RSD		0.604	0.954	2.058
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		201.400	10550.000	TM 72650.000
%RSD		0.855	0.950	TM 0.412
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4616.000	11660.000
%RSD		T 0.000	T 1.143	0.761
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		101.229%	112.164%	M 624.400
%RSD		0.353	0.712	M 2.489
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		193.800	115.800	-11.810
%RSD		0.838	0.531	9.640
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11680.000	TM 165500.000	96.500
%RSD		TM 0.214	TM 0.531	0.649
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		94.310	96.100	M 475.600
%RSD		1.205	0.930	M 0.651
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.743%	75.880	0.882
%RSD		0.262	0.377	6.197
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.114	58.960	12.740
%RSD		5.329	0.279	3.566
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.333	-51.500
%RSD		0.000	9.009	9.938
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.917	108.249%	9.831
%RSD		6.247	0.513	0.790
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.799	M 907.800	0.000
%RSD		1.312	M 0.821	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		122.771%	0.791	1.635
%RSD		1.124	1.781	2.044
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 930.800	0.000	
%RSD		TM 0.566	0.000	

240-18011-b-4-a, 11/30/2012 17:05:23 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		98.930%	7.166	7.814
%RSD		0.482	2.774	1.685
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		217.300	16350.000	TM 106300.000
%RSD		1.056	0.684	TM 0.577
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7218.000	12630.000
%RSD		T 0.000	T 0.518	0.803
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.186%	112.941%	M 738.300
%RSD		0.260	0.210	M 0.732
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 249.900	136.500	-8.741
%RSD		M 0.215	0.609	12.450
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6914.000	TM 245000.000	95.210
%RSD		TM 0.252	TM 0.464	0.159
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		137.100	138.300	M 437.900
%RSD		0.943	0.661	M 0.420
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		103.918%	97.650	1.180
%RSD		1.020	0.886	12.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.740	67.040	18.910
%RSD		4.525	0.630	2.245
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.226	-61.010
%RSD		0.000	14.070	4.024
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.934	107.185%	8.959
%RSD		2.970	1.028	1.028
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.888	M 715.900	0.000
%RSD		1.733	M 0.226	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		122.879%	0.779	1.853
%RSD		0.652	2.239	1.162
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 273.500	0.000	
%RSD		TM 0.042	0.000	

240-18011-b-5-a, 11/30/2012 17:10:52 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		98.678%	6.587	12.140
%RSD		0.782	1.028	2.990
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		427.000	19320.000	TM 102100.000
%RSD		0.351	0.557	TM 0.896
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7800.000	13150.000
%RSD		T 0.000	T 0.435	0.275
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		102.210%	114.180%	M 666.600
%RSD		0.303	0.642	M 1.017
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 204.200	122.800	-10.370
%RSD		M 0.287	0.261	28.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6314.000	TM 227000.000	105.400
%RSD		TM 0.196	TM 0.265	0.675
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		162.900	151.800	M 470.700
%RSD		0.533	0.447	M 0.318
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		104.937%	84.920	1.052
%RSD		0.825	0.119	31.660
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.607	63.920	21.540
%RSD		9.351	0.595	0.436
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.191	-60.880
%RSD		0.000	4.337	4.688
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.973	107.967%	8.977
%RSD		7.375	0.876	1.126
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.934	M 648.800	0.000
%RSD		1.234	M 0.716	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		127.264%	0.634	1.906
%RSD		0.831	0.274	2.067
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 204.600	0.000	
%RSD		TM 0.089	0.000	

240-18011-b-6-a, 11/30/2012 17:16:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		104.206%	4.137	11.060
%RSD		1.121	1.047	5.243
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		183.800	11060.000	TM 65280.000
%RSD		0.584	0.841	TM 0.915
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5408.000	7032.000
%RSD		T 0.000	T 0.355	1.062
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.218%	111.330%	M 775.700
%RSD		0.168	1.382	M 2.495
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		142.100	96.210	-9.493
%RSD		0.609	1.123	8.845
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7984.000	TM 99820.000	81.990
%RSD		TM 0.249	TM 0.941	1.168
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		76.560	68.420	M 466.900
%RSD		1.715	1.820	M 0.749
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.308%	41.630	0.930
%RSD		1.259	0.766	7.793
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.310	50.890	7.022
%RSD		4.147	0.376	1.624
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.548	-43.430
%RSD		0.000	2.666	13.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.209	106.925%	11.710
%RSD		3.567	1.082	1.804
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.990	M 748.300	0.000
%RSD		1.412	M 0.672	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.991%	0.687	1.360
%RSD		0.628	2.538	0.747
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 624.100	0.000	
%RSD		TM 0.172	0.000	

240-18011-b-7-a, 11/30/2012 17:21:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		99.517%	4.998	14.490
%RSD		1.018	2.165	1.173
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		225.800	13030.000	TM 90380.000
%RSD		1.290	1.781	TM 0.719
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6283.000	6612.000
%RSD		T 0.000	T 0.251	0.919
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.491%	106.162%	M 926.800
%RSD		0.100	0.986	M 0.347
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		167.700	108.000	-9.310
%RSD		0.784	1.010	29.420
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7856.000	TM 115300.000	81.400
%RSD		TM 0.123	TM 0.136	0.777
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		91.360	72.280	M 564.000
%RSD		0.743	0.891	M 0.409
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.690%	43.140	0.891
%RSD		0.654	1.546	19.360
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.593	58.820	5.923
%RSD		0.623	0.937	2.278
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.356	-33.470
%RSD		0.000	1.950	32.250
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.072	105.605%	8.367
%RSD		2.652	0.361	0.817
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.251	M 888.600	0.000
%RSD		2.086	M 0.466	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.449%	0.496	1.579
%RSD		0.201	3.086	0.800
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 365.500	0.000	
%RSD		TM 0.762	0.000	

240-18011-b-8-a, 11/30/2012 17:27:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		99.160%	4.983	15.050
%RSD		0.231	1.004	2.364
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		239.500	14590.000	TM 111800.000
%RSD		2.535	1.362	TM 0.991
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7117.000	4469.000
%RSD		T 0.000	T 0.149	0.671
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.307%	109.604%	M 998.000
%RSD		0.651	1.043	M 0.955
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 214.600	118.900	-8.006
%RSD		M 0.725	0.391	7.039
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4666.000	TM 150100.000	70.880
%RSD		TM 0.499	TM 0.354	0.750
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.700	100.200	M 366.100
%RSD		0.639	0.749	M 0.695
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.975%	52.920	1.020
%RSD		0.754	0.531	3.670
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.190	48.360	6.936
%RSD		5.111	0.837	0.919
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.210	-37.710
%RSD		0.000	1.959	10.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.408	106.473%	8.953
%RSD		13.350	0.792	1.389
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.446	M 725.100	0.000
%RSD		3.821	M 0.035	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.634%	0.412	1.595
%RSD		1.301	4.236	0.236
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		116.600	0.000	
%RSD		0.644	0.000	

240-18011-b-9-a, 11/30/2012 17:32:53 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		105.566%	6.734	10.530
%RSD		0.516	1.624	1.764
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		364.200	16220.000	TM 146500.000
%RSD		2.058	0.821	TM 0.925
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7580.000	7234.000
%RSD		T 0.000	T 7.434	6.762
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 110.973%	119.899%	M 915.300
%RSD		T 7.945	1.391	M 0.744
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 307.100	162.800	2.916
%RSD		M 0.905	1.151	24.270
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3217.000	TM 242600.000	93.750
%RSD		TM 7.864	TM 0.313	0.717
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		121.200	125.400	M 345.100
%RSD		0.656	0.905	M 0.900
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		109.165%	93.650	0.956
%RSD		1.105	0.242	11.420
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.885	61.160	14.670
%RSD		1.653	0.892	2.276
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.210	-71.830
%RSD		0.000	3.025	11.080
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.368	111.337%	10.050
%RSD		5.771	1.276	1.191
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.151	M 786.300	0.000
%RSD		2.440	M 0.342	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		121.758%	0.577	1.661
%RSD		1.334	4.507	1.810
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		151.200	0.000	
%RSD		0.187	0.000	

CCV 11/30/2012 17:38:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.053%	98.060%	96.748%
%RSD		0.429	0.108	0.337
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 101.343%	104.664%	109.267%
%RSD		┬ 1.169	1.452	1.616
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬ 0.000	┬ 102.537%	99.230%
%RSD		┬ 0.000	┬ 0.781	0.472
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		73.621%	79.029%	103.685%
%RSD		0.774	1.901	6.775
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.336%	99.201%	-22.640
%RSD		0.510	0.529	6.965
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 100.574%	┬ 104.783%	99.056%
%RSD		┬ 0.718	┬ 0.703	0.665
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		98.144%	99.897%	103.790%
%RSD		1.067	1.329	0.698
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		78.760%	97.135%	-0.668
%RSD		0.533	0.952	8.509
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.385%	98.149%	102.433%
%RSD		0.787	0.520	0.862
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	98.667%	19.470
%RSD		0.000	0.618	303.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		100.259%	85.130%	99.573%
%RSD		1.475	0.783	0.959
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		99.992%	97.081%	0.000
%RSD		0.581	0.615	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		90.171%	102.894%	93.430%
%RSD		1.142	0.649	0.443
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		103.408%	0.000	
%RSD		0.598	0.000	

CCB 11/30/2012 17:45:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.242%	0.084	0.343
%RSD		0.729	26.010	20.620
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		63.570	81.500	48.360
%RSD		12.060	3.251	16.320
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	40.600	61.900
%RSD		T 0.000	20.310	1.353
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		73.805%	79.393%	0.878
%RSD		0.670	0.729	37.530
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.112	-0.002	-31.260
%RSD		253.200	1854.000	3.785
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.902	111.000	0.186
%RSD		25.740	9.613	12.170
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.247	0.251	0.673
%RSD		9.199	35.120	19.420
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		80.362%	-0.032	0.015
%RSD		0.680	160.000	315.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.201	0.262	-0.214
%RSD		14.550	4.968	14.570
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.134	-0.739
%RSD		0.000	15.380	214.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.144	86.925%	0.228
%RSD		25.800	0.244	14.980
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.360	0.459	0.000
%RSD		6.318	32.920	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		89.228%	0.878	0.441
%RSD		0.647	12.400	7.881
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.293	0.000	
%RSD		15.920	0.000	

240-18011-b-12-a, 11/30/2012 17:50:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.093%	4.117	21.720
%RSD		1.480	2.713	0.714
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		372.000	13270.000	TM 84780.000
%RSD		1.230	0.833	TM 0.278
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6448.000	12370.000
%RSD		T 0.000	T 0.418	0.673
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.125%	98.803%	M 979.700
%RSD		1.194	1.402	M 0.574
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		161.100	101.800	-15.410
%RSD		0.665	0.947	13.820
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5234.000	TM 105200.000	69.110
%RSD		TM 0.237	TM 0.463	0.719
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		84.560	85.250	M 475.200
%RSD		0.324	0.547	M 0.831
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.814%	43.520	0.797
%RSD		2.630	0.374	8.954
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.300	63.030	5.300
%RSD		3.257	0.186	1.407
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.362	-26.480
%RSD		0.000	5.714	22.730
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.943	99.974%	11.410
%RSD		4.661	1.492	0.931
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.649	M 625.700	0.000
%RSD		2.624	M 0.721	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.853%	0.726	1.625
%RSD		0.948	0.525	0.404
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 611.900	0.000	
%RSD		TM 0.139	0.000	

240-18011-b-13-a, 11/30/2012 17:56:08 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.601%	5.090	15.770
%RSD		0.615	4.719	1.430
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		210.800	15650.000	TM 99270.000
%RSD		1.026	0.939	TM 0.836
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6327.000	11120.000
%RSD		T 0.000	T 0.489	0.441
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.968%	103.040%	M 1005.000
%RSD		0.392	0.772	M 1.103
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 202.800	114.800	-10.970
%RSD		M 0.797	0.372	28.890
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8013.000	TM 133800.000	100.700
%RSD		TM 0.538	TM 0.356	1.033
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.500	89.820	M 432.600
%RSD		1.062	1.985	M 0.565
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.268%	54.510	1.014
%RSD		1.071	0.101	12.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.790	64.820	6.942
%RSD		7.519	0.535	2.279
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.323	-27.560
%RSD		0.000	4.848	17.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.885	102.931%	9.082
%RSD		0.561	1.022	1.911
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.730	M 767.800	0.000
%RSD		2.422	M 0.635	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		113.785%	0.572	1.797
%RSD		1.261	1.653	1.040
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 410.200	0.000	
%RSD		TM 0.854	0.000	

240-18011-b-14-a, 11/30/2012 18:01:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		104.241%	5.152	9.733
%RSD		0.313	1.222	0.701
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		228.800	19650.000	TM 111800.000
%RSD		0.376	0.563	TM 0.598
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5801.000	9664.000
%RSD		T 0.000	T 0.631	1.144
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		102.136%	112.482%	M 1277.000
%RSD		0.422	0.670	M 0.349
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 228.000	123.000	-3.317
%RSD		M 0.635	0.347	8.901
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4544.000	TM 178800.000	104.200
%RSD		TM 0.051	TM 0.880	0.817
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		114.200	112.900	M 362.900
%RSD		0.393	0.847	M 0.669
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		104.756%	74.640	0.917
%RSD		1.344	0.525	17.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.353	61.260	12.380
%RSD		2.764	0.550	2.657
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.243	-63.290
%RSD		0.000	1.610	3.105
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.470	108.656%	8.212
%RSD		8.275	1.267	1.107
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.298	M 655.800	0.000
%RSD		2.819	M 0.334	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		119.789%	0.590	1.775
%RSD		1.217	3.541	1.783
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		139.900	0.000	
%RSD		0.534	0.000	

240-18011-b-15-a, 11/30/2012 18:07:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		101.254%	6.195	16.350
%RSD		0.128	1.491	3.299
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		298.500	26180.000	TM 148000.000
%RSD		1.053	0.087	TM 0.134
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 8094.000	10090.000
%RSD		T 0.000	T 0.154	0.468
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.890%	116.906%	M 1675.000
%RSD		0.550	1.277	M 0.804
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 302.600	174.000	-1.381
%RSD		M 0.184	0.151	187.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2211.000	TM 264800.000	65.030
%RSD		TM 0.534	TM 0.347	0.971
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		141.700	176.700	M 474.800
%RSD		0.823	0.876	M 0.857
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		104.739%	110.600	1.011
%RSD		1.310	0.310	17.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.162	76.520	17.660
%RSD		4.068	0.446	1.219
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.224	-63.950
%RSD		0.000	6.187	12.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.357	109.556%	11.290
%RSD		9.801	0.820	0.612
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.630	M 662.700	0.000
%RSD		2.013	M 0.507	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.966%	0.641	2.137
%RSD		1.205	2.600	1.026
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		145.100	0.000	
%RSD		0.165	0.000	

240-18011-b-16-a, 11/30/2012 18:12:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		107.396%	4.468	14.130
%RSD		0.595	1.414	1.051
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		164.800	13130.000	TM 68180.000
%RSD		2.387	0.772	TM 0.610
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6344.000	16020.000
%RSD		T 0.000	T 0.639	0.755
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		104.035%	113.852%	M 816.400
%RSD		0.107	1.204	M 0.460
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		158.100	130.400	-6.155
%RSD		1.331	1.262	19.590
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7006.000	TM 115600.000	97.970
%RSD		TM 0.300	TM 0.746	1.001
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		82.710	104.600	M 709.200
%RSD		0.611	1.344	M 0.606
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		106.986%	47.800	0.933
%RSD		1.186	1.030	7.488
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.750	66.100	7.878
%RSD		6.825	0.791	2.463
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.430	-79.550
%RSD		0.000	3.057	19.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.178	111.536%	9.248
%RSD		3.610	0.388	0.633
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.020	M 722.900	0.000
%RSD		0.435	M 0.510	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		118.723%	0.701	1.371
%RSD		1.377	2.668	0.666
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3328.000	0.000	
%RSD		TM 0.618	0.000	

240-18011-b-17-a, 11/30/2012 18:18:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		103.243%	4.422	14.460
%RSD		0.443	2.030	2.164
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		218.400	14810.000	TM 89610.000
%RSD		0.182	0.166	TM 0.438
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6250.000	9987.000
%RSD		T 0.000	T 0.147	0.799
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		101.841%	108.837%	M 910.800
%RSD		0.693	0.603	M 0.869
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		184.100	142.200	-3.234
%RSD		0.313	0.191	5.708
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6256.000	TM 126000.000	99.110
%RSD		TM 0.241	TM 0.024	0.345
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		94.040	82.930	M 693.000
%RSD		0.986	0.844	M 0.572
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.158%	47.230	1.012
%RSD		0.881	0.410	4.557
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.654	55.110	7.547
%RSD		5.021	0.870	2.686
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.341	-27.900
%RSD		0.000	5.951	27.290
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.488	108.804%	9.030
%RSD		8.487	0.711	1.973
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.651	M 719.300	0.000
%RSD		2.131	M 0.214	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.630%	0.494	1.558
%RSD		0.667	3.016	1.323
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3113.000	0.000	
%RSD		TM 0.415	0.000	

240-18011-b-18-a, 11/30/2012 18:23:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		101.718%	5.081	15.670
%RSD		0.559	0.531	3.342
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		261.200	17150.000	TM 116200.000
%RSD		1.621	0.333	TM 0.773
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7497.000	5132.000
%RSD		T 0.000	T 0.254	0.598
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		99.795%	107.502%	M 1279.000
%RSD		0.450	0.780	M 0.211
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 213.600	129.600	-3.419
%RSD		M 0.332	0.586	17.070
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5813.000	TM 142200.000	108.900
%RSD		TM 0.202	TM 0.811	0.577
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		111.800	105.900	M 575.800
%RSD		1.010	0.853	M 0.866
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.534%	49.790	1.173
%RSD		0.681	0.469	14.060
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.062	49.940	6.871
%RSD		7.408	0.696	1.193
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.304	-28.860
%RSD		0.000	4.873	16.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.881	107.171%	8.305
%RSD		5.384	0.301	1.142
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.105	M 700.700	0.000
%RSD		1.268	M 0.651	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.058%	0.442	1.713
%RSD		0.551	1.569	0.904
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 595.300	0.000	
%RSD		TM 0.286	0.000	

240-18011-b-19-a, 11/30/2012 18:29:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		107.950%	3.847	9.879
%RSD		0.564	1.698	1.823
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		357.300	14340.000	TM 91460.000
%RSD		0.480	0.497	TM 0.220
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 5416.000	3329.000
%RSD		T 0.000	T 0.966	1.361
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		104.152%	115.353%	M 1099.000
%RSD		0.276	0.800	M 0.416
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		190.100	106.800	-4.266
%RSD		0.514	0.274	22.550
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3306.000	TM 145100.000	84.890
%RSD		TM 0.327	TM 0.779	1.008
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.370	81.560	M 368.700
%RSD		0.199	1.323	M 0.322
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		106.327%	54.510	1.018
%RSD		1.209	1.633	2.569
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.850	30.200	8.883
%RSD		8.232	0.085	2.509
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.204	-41.260
%RSD		0.000	5.970	4.675
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.548	109.197%	9.079
%RSD		10.840	0.347	2.392
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.258	M 481.200	0.000
%RSD		4.954	M 0.614	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.364%	0.449	1.424
%RSD		1.309	3.865	1.434
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 203.200	0.000	
%RSD		TM 0.425	0.000	

240-17970 -b-10 -b, 11/30/2012 18:34:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.734%	6.690	51.750
%RSD		0.969	1.582	0.889
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		339.300	33190.000	TM 119400.000
%RSD		0.787	0.587	TM 0.699
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22900.000	M 229300.000
%RSD		T 0.000	T 0.514	M 0.396
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.275%	86.701%	M 564.100
%RSD		0.196	1.367	M 1.522
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 198.900	154.100	-9.639
%RSD		M 0.723	0.358	30.850
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8401.000	TM 284900.000	89.890
%RSD		TM 0.026	TM 0.387	0.490
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		176.500	M 1417.000	M 1180.000
%RSD		0.625	M 0.157	M 0.206
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.511%	M 233.000	1.126
%RSD		0.477	M 0.369	11.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.852	M 564.300	6.606
%RSD		2.650	M 0.423	0.504
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.715	-104.400
%RSD		0.000	2.128	11.330
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		4.491	89.565%	93.210
%RSD		1.265	1.159	0.318
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 370.100	M 1296.000	0.000
%RSD		M 0.229	M 0.371	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		117.006%	0.838	1.513
%RSD		1.015	2.466	1.337
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 12360.000	0.000	
%RSD		TM 0.552	0.000	

240-17970 -b-11 -b, 11/30/2012 18:40:03 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.517%	8.133	85.880
%RSD		0.417	0.871	0.429
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		325.800	33770.000	TM 138200.000
%RSD		0.424	0.240	TM 0.445
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 27270.000	39350.000
%RSD		T 0.000	T 8.051	7.856
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 112.314%	115.569%	M 484.800
%RSD		T 7.694	0.899	M 3.548
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 206.200	172.400	-9.981
%RSD		M 0.947	1.302	36.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7153.000	TM 256700.000	88.490
%RSD		TM 7.576	TM 0.693	0.426
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		192.600	M 2258.000	M 1536.000
%RSD		0.854	M 0.231	M 0.659
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		111.116%	M 210.700	1.212
%RSD		0.437	M 1.113	4.345
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.481	M 212.400	4.701
%RSD		1.342	M 0.415	0.972
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.072	-66.430
%RSD		0.000	1.426	17.230
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		6.275	115.120%	M 239.900
%RSD		2.452	0.944	M 0.052
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 493.900	M 2196.000	0.000
%RSD		M 0.182	M 0.378	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		136.471%	1.092	1.638
%RSD		0.295	1.688	0.645
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 21190.000	0.000	
%RSD		TM 0.348	0.000	

CCV 11/30/2012 18:45:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.372%	98.203%	97.190%
%RSD		0.308	0.325	0.650
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 101.500%	106.617%	103.593%
%RSD		┬ 1.573	1.332	0.313
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		┬ 0.000	┬ 103.862%	99.192%
%RSD		┬ 0.000	┬ 0.406	0.779
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		75.963%	81.769%	103.157%
%RSD		0.432	0.714	1.657
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.480%	99.517%	-18.570
%RSD		0.864	0.498	11.170
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 101.585%	┬ 106.072%	99.385%
%RSD		┬ 0.512	┬ 0.961	0.897
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.193%	100.263%	104.152%
%RSD		0.594	1.017	0.536
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		81.310%	98.295%	-0.715
%RSD		1.320	1.142	18.720
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.940%	97.964%	103.581%
%RSD		1.896	0.744	0.715
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	99.653%	48.870
%RSD		0.000	1.060	128.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		100.747%	87.665%	100.155%
%RSD		0.658	0.700	0.593
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		104.617%	97.075%	0.000
%RSD		0.935	0.808	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		92.849%	103.532%	94.293%
%RSD		0.962	1.307	0.701
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		105.204%	0.000	
%RSD		0.401	0.000	

CCB 11/30/2012 18:52:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.441%	0.076	0.601
%RSD		0.329	4.836	1.743
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		27.470	37.150	9.953
%RSD		5.168	14.010	7.764
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	39.300	53.730
%RSD		T 0.000	2.765	10.470
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		73.458%	79.156%	0.265
%RSD		0.785	0.126	50.890
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.234	-0.111	-31.810
%RSD		143.700	19.380	3.356
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.873	38.120	0.075
%RSD		5.138	7.210	24.140
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.036	0.174	0.532
%RSD		46.040	15.040	33.780
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		81.667%	-0.181	-0.032
%RSD		0.503	29.100	42.060
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.060	0.135	-0.255
%RSD		53.100	5.014	27.840
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.064	-0.139
%RSD		0.000	17.710	607.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.051	87.120%	0.268
%RSD		26.190	0.115	9.565
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		1.259	0.130	0.000
%RSD		10.830	11.200	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		90.438%	0.779	0.312
%RSD		0.397	13.750	10.960
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.408	0.000	
%RSD		15.250	0.000	

mb 240-66612/1-a, 11/30/2012 18:57:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.523%	0.011	0.432
%RSD		0.680	39.990	48.680
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		46.220	56.770	10.710
%RSD		0.420	10.870	7.829
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	31.810	211.800
%RSD		T 0.000	2.199	3.919
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.260%	78.343%	0.329
%RSD		0.074	0.595	47.690
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.226	0.188	-36.060
%RSD		56.190	14.450	0.858
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.383	42.270	0.032
%RSD		3.378	4.277	17.180
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.202	1.269	6.298
%RSD		33.300	7.696	3.123
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.202%	-0.384	0.511
%RSD		1.068	43.890	12.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.021	0.385	-0.804
%RSD		116.000	1.682	5.988
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.013	-0.643
%RSD		0.000	6.881	109.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	85.141%	21.610
%RSD		34.080	0.275	0.626
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.731	1.167	0.000
%RSD		1.879	4.560	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.748%	0.258	0.149
%RSD		0.482	11.870	10.840
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.472	0.000	
%RSD		2.660	0.000	

lcs 240-66612/3-a, 11/30/2012 19:03:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.470%	M 906.300	87.950
%RSD		0.466	M 0.461	1.213
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8325.000	9965.000	M 9165.000
%RSD		0.553	1.591	M 0.547
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9790.000	9452.000
%RSD		0.000	T 0.358	0.897
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.054%	76.440%	94.490
%RSD		0.492	0.450	3.774
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 885.700	M 930.700	92.630
%RSD		M 0.627	M 0.376	1.249
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 973.700	T 9800.000	M 915.500
%RSD		T 0.608	T 0.708	M 0.358
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 924.100	M 940.000	M 914.800
%RSD		M 0.710	M 0.517	M 0.097
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.910%	M 851.600	-4.421
%RSD		0.592	M 0.152	4.674
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 820.000	M 887.100	93.890
%RSD		M 0.496	M 0.378	0.570
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	96.540	580.800
%RSD		0.000	0.511	5.806
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 905.500	83.301%	105.200
%RSD		M 0.676	0.216	0.665
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.050	M 919.100	0.000
%RSD		0.598	M 0.674	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.135%	93.650	TM 257.000
%RSD		0.573	0.638	TM 0.656
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1133.000	0.000	
%RSD		TM 0.370	0.000	

240-18011-b-22-a, 11/30/2012 19:10:25 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.943%	10.070	91.910
%RSD		0.592	0.593	1.552
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		716.400	64930.000	TM 180800.000
%RSD		0.342	0.510	TM 0.339
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 21780.000	79910.000
%RSD		T 0.000	T 0.487	0.196
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.047%	101.842%	M 452.900
%RSD		0.413	1.882	M 1.722
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 257.600	M 227.600	0.252
%RSD		M 0.515	M 0.320	1390.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7881.000	TM 377600.000	154.800
%RSD		TM 0.364	TM 0.502	1.148
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 310.700	171.700	M 662.700
%RSD		M 1.346	1.004	M 0.620
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.109%	37.700	1.218
%RSD		2.014	0.608	8.005
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.813	M 425.400	1.481
%RSD		4.049	M 0.207	7.097
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.209	-94.800
%RSD		0.000	6.895	14.550
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.818	98.638%	11.930
%RSD		2.321	1.310	0.707
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.167	M 527.400	0.000
%RSD		2.955	M 0.595	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		127.642%	0.714	1.348
%RSD		1.560	10.230	4.639
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		76.490	0.000	
%RSD		0.320	0.000	

SD 240-18011-b-22-a@5, 11/30/2012 19:15:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.771%	2.154	20.510
%RSD		1.122	8.068	1.757
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		157.400	14700.000	M 36140.000
%RSD		2.530	0.721	M 0.374
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 4853.000	17740.000
%RSD		T 0.000	T 0.623	1.042
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.880%	97.715%	101.800
%RSD		0.401	0.563	2.343
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		55.760	50.040	-21.520
%RSD		0.307	0.136	9.255
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1773.000	TM 81740.000	34.500
%RSD		TM 0.394	TM 0.797	0.869
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		70.920	40.570	161.500
%RSD		0.897	1.137	1.363
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.136%	8.814	0.313
%RSD		0.289	2.304	26.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.121	86.740	-0.538
%RSD		8.599	1.646	5.522
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.062	-19.950
%RSD		0.000	13.690	31.610
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.327	99.824%	2.581
%RSD		12.930	0.170	1.015
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.509	117.200	0.000
%RSD		1.857	0.144	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.136%	0.252	0.454
%RSD		0.706	7.762	2.858
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		20.340	0.000	
%RSD		0.846	0.000	

240-18011-b-22-d ms, 11/30/2012 19:21:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.608%	M 780.500	136.900
%RSD		1.187	M 0.866	0.501
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7629.000	59410.000	TM 151900.000
%RSD		0.558	0.263	TM 0.460
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 25100.000	74930.000
%RSD		T 0.000	T 0.386	0.145
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.150%	103.756%	M 491.900
%RSD		0.284	0.888	M 0.593
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 966.800	M 975.000	108.200
%RSD		M 0.113	M 0.485	3.242
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9216.000	TM 324000.000	M 907.300
%RSD		TM 0.277	TM 1.185	M 1.190
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1021.000	M 911.500	M 1286.000
%RSD		M 0.835	M 1.079	M 1.059
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.729%	M 765.800	-2.735
%RSD		1.463	M 0.612	10.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 686.300	M 1167.000	83.490
%RSD		M 0.449	M 0.596	0.653
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	82.820	418.500
%RSD		0.000	0.837	8.890
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 769.400	99.400%	81.420
%RSD		M 0.661	1.120	0.766
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		18.380	M 1245.000	0.000
%RSD		2.145	M 0.498	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		125.915%	42.160	T 181.200
%RSD		0.986	0.459	T 0.029
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 852.000	0.000	
%RSD		TM 0.169	0.000	

240-18011-b-22-e msd, 11/30/2012 19:28:38 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.814%	M 860.400	185.800
%RSD		0.784	M 0.718	0.801
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8230.000	65620.000	TM 184500.000
%RSD		0.474	0.901	TM 0.480
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 34730.000	86460.000
%RSD		T 0.000	T 0.065	0.362
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		89.924%	98.669%	M 437.700
%RSD		0.403	0.480	M 1.943
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1031.000	M 1050.000	119.600
%RSD		M 0.409	M 0.509	5.987
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7828.000	TM 328900.000	M 962.300
%RSD		TM 0.091	TM 0.618	M 0.037
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1078.000	M 953.500	M 1388.000
%RSD		M 0.465	M 0.421	M 0.459
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.873%	M 820.100	-2.879
%RSD		0.522	M 0.851	15.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 754.600	TM 1289.000	84.540
%RSD		M 0.914	TM 5.720	1.213
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	84.820	292.500
%RSD		0.000	0.406	26.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 819.000	97.032%	86.750
%RSD		M 0.767	0.515	1.123
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		19.090	M 1322.000	0.000
%RSD		1.407	M 0.911	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		123.252%	39.740	T 191.200
%RSD		0.773	1.334	T 0.643
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 895.400	0.000	
%RSD		TM 0.426	0.000	

240-18011-b-23-a, 11/30/2012 19:35:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.920%	5.182	85.130
%RSD		0.665	1.589	1.165
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		374.300	33130.000	TM 88270.000
%RSD		0.986	0.974	TM 0.726
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 16590.000	77080.000
%RSD		T 0.000	T 0.230	0.653
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.260%	92.400%	M 424.400
%RSD		0.544	0.831	M 1.292
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		135.700	118.800	-15.130
%RSD		0.497	0.394	7.473
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5143.000	TM 190600.000	84.840
%RSD		TM 0.683	TM 0.131	0.604
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		165.500	181.300	M 514.000
%RSD		0.676	1.053	M 0.324
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.450%	30.530	0.903
%RSD		1.604	1.535	11.620
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.348	M 276.700	2.492
%RSD		4.509	M 0.384	9.355
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.291	-104.400
%RSD		0.000	6.549	19.240
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.121	96.011%	19.760
%RSD		7.520	0.891	0.874
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		14.920	M 442.200	0.000
%RSD		1.007	M 0.270	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.437%	1.128	1.382
%RSD		0.878	9.905	4.052
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1242.000	0.000	
%RSD		TM 0.303	0.000	

240-18011-b-24-a, 11/30/2012 19:41:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.375%	7.656	87.580
%RSD		0.332	0.924	1.098
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		547.900	48150.000	TM 135600.000
%RSD		0.319	0.426	TM 0.378
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22180.000	M 137700.000
%RSD		T 0.000	T 0.090	M 0.290
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.006%	90.751%	M 467.800
%RSD		0.269	1.082	M 1.227
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		199.100	173.400	-12.120
%RSD		0.315	0.555	18.470
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7580.000	TM 280500.000	122.000
%RSD		TM 0.242	TM 1.323	0.349
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 234.600	197.700	M 595.100
%RSD		M 0.348	0.902	M 0.964
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.110%	38.510	1.211
%RSD		0.680	3.709	17.570
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.427	M 390.000	2.236
%RSD		5.879	M 0.965	9.954
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.255	-82.380
%RSD		0.000	1.317	24.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.048	93.398%	16.660
%RSD		3.582	0.690	0.334
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		11.690	M 558.900	0.000
%RSD		1.313	M 0.188	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.088%	0.454	1.237
%RSD		1.318	3.543	2.508
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 848.400	0.000	
%RSD		TM 0.214	0.000	

240-18011-b-25-a, 11/30/2012 19:46:54 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.681%	9.710	133.200
%RSD		1.053	0.881	0.721
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		614.800	55470.000	TM 174900.000
%RSD		0.267	0.656	TM 0.175
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 32970.000	M 100600.000
%RSD		0.000	T 0.633	M 0.266
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.698%	97.386%	M 411.800
%RSD		0.734	0.920	M 2.134
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 245.700	M 209.500	-6.176
%RSD		M 0.643	M 0.457	33.700
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8872.000	TM 317200.000	134.500
%RSD		TM 0.611	TM 0.129	0.253
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 266.000	191.500	M 664.900
%RSD		M 0.612	0.111	M 0.343
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.278%	43.350	1.215
%RSD		1.673	0.677	6.249
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.892	M 366.600	2.570
%RSD		6.204	M 0.185	3.329
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.263	-94.430
%RSD		0.000	3.902	9.414
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.042	98.198%	15.390
%RSD		5.106	1.394	0.446
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		12.360	M 669.800	0.000
%RSD		1.818	M 0.297	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		120.744%	0.288	1.323
%RSD		0.934	6.110	0.811
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 526.400	0.000	
%RSD		TM 0.382	0.000	

240-18011-b-26-a, 11/30/2012 19:52:25 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.700%	10.270	115.600
%RSD		0.326	1.545	0.663
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		688.100	55960.000	TM 180800.000
%RSD		0.607	0.446	TM 0.198
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 31700.000	M 141200.000
%RSD		T 0.000	T 0.637	M 0.475
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.260%	95.811%	M 413.800
%RSD		0.332	0.514	M 2.201
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 248.500	M 214.000	-3.707
%RSD		M 0.503	M 0.212	33.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10520.000	TM 331800.000	139.900
%RSD		TM 0.422	TM 0.552	0.271
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 276.600	176.100	M 750.400
%RSD		M 0.057	0.434	M 0.342
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.949%	44.530	1.237
%RSD		1.278	0.252	5.754
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.135	M 442.700	2.629
%RSD		0.298	M 0.916	4.187
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.258	-78.390
%RSD		0.000	3.853	13.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.990	96.414%	12.140
%RSD		6.332	0.577	0.506
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.464	M 732.300	0.000
%RSD		1.382	M 0.615	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		122.036%	0.274	1.271
%RSD		0.980	5.286	0.882
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 236.800	0.000	
%RSD		TM 0.344	0.000	

CCV 11/30/2012 19:58:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.278%	97.938%	96.999%
%RSD		0.688	0.897	1.045
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬101.017%	103.023%	105.360%
%RSD		┬1.214	0.531	2.263
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		┬0.000	┬101.839%	99.932%
%RSD		┬0.000	┬0.682	0.290
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		72.097%	78.672%	99.093%
%RSD		0.271	0.783	1.446
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.019%	98.900%	-19.300
%RSD		0.394	0.381	15.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬102.541%	┬104.121%	98.614%
%RSD		┬0.584	┬0.415	1.039
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.290%	99.018%	104.814%
%RSD		1.024	0.421	1.864
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.894%	98.329%	-0.632
%RSD		0.833	0.409	36.860
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.892%	97.401%	101.488%
%RSD		1.261	0.482	1.676
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.201%	52.270
%RSD		0.000	1.066	62.720
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		97.114%	85.518%	97.530%
%RSD		0.569	0.116	0.686
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.548%	96.099%	0.000
%RSD		1.022	0.389	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.783%	103.442%	96.798%
%RSD		0.706	0.821	0.930
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.075%	0.000	
%RSD		0.387	0.000	

CCB 11/30/2012 20:04:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.790%	0.081	0.866
%RSD		0.159	3.125	7.282
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		29.640	36.030	13.810
%RSD		4.029	24.680	14.540
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	40.880	65.820
%RSD		T 0.000	0.753	8.632
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		70.534%	77.410%	0.393
%RSD		0.526	0.500	92.280
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.401	-0.137	-31.620
%RSD		49.160	6.407	1.459
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.991	45.620	0.083
%RSD		0.622	5.145	4.469
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.062	0.187	0.465
%RSD		47.940	52.900	10.800
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		78.942%	-0.141	0.071
%RSD		0.689	32.580	85.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.048	0.167	-0.340
%RSD		90.030	6.568	35.190
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.072	0.212
%RSD		0.000	10.630	392.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.071	85.919%	0.205
%RSD		36.950	0.879	16.380
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.306	0.218	0.000
%RSD		5.462	3.792	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		87.345%	0.811	0.412
%RSD		0.238	13.230	6.095
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.677	0.000	
%RSD		2.199	0.000	

240-18011-b-42-a, 11/30/2012 20:10:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.592%	6.776	59.360
%RSD		0.524	1.705	1.047
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		233.700	27420.000	TM 96220.000
%RSD		0.424	0.635	TM 1.132
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17640.000	57420.000
%RSD		T 0.000	T 0.508	0.305
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.088%	94.563%	M 422.000
%RSD		0.811	2.420	M 1.496
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		153.400	125.200	-17.110
%RSD		1.060	0.707	6.378
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11040.000	TM 222300.000	90.150
%RSD		TM 0.229	TM 0.105	0.103
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		169.800	M 393.200	M 732.900
%RSD		0.317	M 0.297	M 0.131
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.607%	56.940	0.833
%RSD		1.448	1.302	7.219
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.157	M 253.700	4.425
%RSD		1.992	M 0.699	1.416
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.603	-61.180
%RSD		0.000	6.062	37.560
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.488	98.595%	28.600
%RSD		3.935	1.334	1.307
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		21.800	M 819.100	0.000
%RSD		0.460	M 0.119	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		118.905%	1.362	1.456
%RSD		1.382	1.509	1.412
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1881.000	0.000	
%RSD		TM 0.577	0.000	

240-18011-b-43-a, 11/30/2012 20:15:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.536%	9.007	63.380
%RSD		0.693	1.045	2.154
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		319.100	38910.000	TM 142200.000
%RSD		1.140	0.206	TM 0.403
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 22140.000	55470.000
%RSD		T 0.000	T 0.788	0.506
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.722%	101.679%	M 416.700
%RSD		0.266	0.828	M 2.501
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 217.800	170.600	-13.640
%RSD		M 0.793	0.644	5.666
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 15850.000	TM 302400.000	138.400
%RSD		TM 0.422	TM 0.744	0.480
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 232.300	M 210.500	M 625.100
%RSD		M 0.478	M 0.705	M 0.263
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.588%	49.350	1.086
%RSD		1.030	0.603	35.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.894	M 280.500	4.656
%RSD		8.306	M 0.077	3.766
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.381	-89.530
%RSD		0.000	2.984	8.604
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.818	101.703%	13.500
%RSD		3.764	0.814	0.776
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		9.943	M 924.000	0.000
%RSD		1.067	M 0.700	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		129.221%	0.445	1.231
%RSD		1.567	1.214	2.342
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 462.700	0.000	
%RSD		TM 0.901	0.000	

240-18011-b-44-a, 11/30/2012 20:21:19 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.876%	12.030	99.970
%RSD		0.833	0.892	0.940
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		554.100	59330.000	T M 211700.000
%RSD		0.721	1.092	T M 0.654
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 32620.000	68820.000
%RSD		T 0.000	T 0.639	0.445
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		96.382%	106.290%	M 444.600
%RSD		0.745	0.725	M 1.715
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 292.100	M 241.100	1.838
%RSD		M 0.421	M 0.577	154.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T M 13910.000	T M 393000.000	164.100
%RSD		T M 0.335	T M 0.865	1.138
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 313.500	183.000	M 774.400
%RSD		M 0.875	0.942	M 1.017
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		97.441%	49.830	1.495
%RSD		0.926	1.907	8.471
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.155	M 372.900	3.332
%RSD		4.015	M 0.360	1.025
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.429	-114.300
%RSD		0.000	2.021	6.184
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.374	102.169%	12.730
%RSD		4.399	1.127	0.699
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.014	M 1007.000	0.000
%RSD		1.150	M 0.553	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		135.383%	0.290	1.393
%RSD		1.330	4.516	1.714
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		149.400	0.000	
%RSD		0.415	0.000	

ICSA 11/30/2012 20:26:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.100%	0.017	0.743
%RSD		0.785	56.650	35.830
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 51020.000	53370.000	M 49230.000
%RSD		T 0.767	0.654	M 0.454
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 52000.000	50060.000
%RSD		T 0.000	T 0.366	0.107
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		75.816%	77.150%	M 1041.000
%RSD		0.490	0.584	M 1.530
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.313	0.579	-25.040
%RSD		57.850	11.740	3.820
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		8.554	TM 53670.000	0.178
%RSD		3.558	TM 0.438	11.140
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.530	0.533	1.340
%RSD		16.000	9.037	14.230
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.540%	0.363	-0.090
%RSD		1.042	33.850	94.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.098	0.410	M 989.900
%RSD		74.810	15.450	M 1.521
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.039	116.200
%RSD		0.000	9.030	13.080
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.004	84.918%	0.149
%RSD		1257.000	0.705	11.380
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.334	0.800	0.000
%RSD		13.210	11.380	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		88.471%	0.138	0.080
%RSD		0.137	12.430	5.515
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.563	0.000	
%RSD		8.183	0.000	

ICSAB 11/30/2012 20:32:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.394%	99.859%	97.643%
%RSD		0.798	1.576	1.538
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 99.736%	104.453%	M 97.195%
%RSD		T 0.931	0.407	M 0.703
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 103.657%	101.103%
%RSD		T 0.000	T 0.544	0.298
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.158%	76.041%	M 100.947%
%RSD		0.216	1.099	M 0.802
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.817%	99.624%	-15.720
%RSD		0.758	0.388	4.903
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		92.905%	TM 105.197%	96.567%
%RSD		0.679	TM 0.069	0.903
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		96.879%	96.885%	103.051%
%RSD		0.621	1.099	0.709
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.977%	96.790%	-0.109
%RSD		1.232	1.196	187.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.026%	96.478%	M 99.306%
%RSD		2.253	0.103	M 0.833
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.310%	178.200
%RSD		0.000	0.304	10.020
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		98.662%	83.218%	100.518%
%RSD		0.703	0.835	0.385
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.214%	99.057%	0.000
%RSD		0.414	0.287	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.103%	102.414%	97.306%
%RSD		0.403	1.672	0.657
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		106.855%	0.000	
%RSD		0.514	0.000	

mb 240-66793/1-a, 11/30/2012 20:39:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.687%	0.013	0.533
%RSD		0.298	141.000	1.098
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		39.340	58.860	7.120
%RSD		2.330	13.400	14.840
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	28.540	232.200
%RSD		0.000	2.175	1.874
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.505%	79.543%	1.462
%RSD		0.160	0.533	15.290
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.190	0.472	-28.680
%RSD		42.840	7.828	1.553
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.730	51.270	0.018
%RSD		2.456	4.124	40.380
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.855	0.613	4.781
%RSD		8.460	16.820	7.538
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.231%	-0.244	0.514
%RSD		0.310	27.270	11.270
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.053	0.381	14.220
%RSD		108.300	3.482	20.450
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	1.849
%RSD		0.000	43.940	43.820
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.004	87.335%	22.200
%RSD		412.100	0.656	0.597
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.330	0.853	0.000
%RSD		3.921	13.360	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.916%	1.381	0.375
%RSD		0.238	16.560	7.515
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.220	0.000	
%RSD		2.355	0.000	

lcs 240-66793/3-a, 11/30/2012 20:44:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.044%	M 897.900	88.350
%RSD		0.307	M 0.282	0.444
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8147.000	9609.000	M 8998.000
%RSD		0.314	0.601	M 0.443
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9354.000	9225.000
%RSD		0.000	T 0.655	0.141
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.948%	76.847%	91.070
%RSD		0.146	0.367	2.773
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 876.800	M 912.300	82.030
%RSD		M 0.589	M 0.341	6.525
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 948.300	T 9628.000	M 900.300
%RSD		T 0.148	T 0.642	M 0.735
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 904.500	M 917.000	M 888.600
%RSD		M 0.378	M 0.754	M 0.511
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.915%	M 835.800	-4.839
%RSD		0.518	M 0.668	9.498
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 806.200	M 871.900	94.070
%RSD		M 0.259	M 0.198	1.064
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	93.330	472.600
%RSD		0.000	0.081	10.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 872.100	84.797%	101.400
%RSD		M 0.793	0.648	0.725
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		87.480	M 893.200	0.000
%RSD		0.203	M 0.644	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.270%	91.860	TM 254.600
%RSD		0.306	0.996	TM 0.157
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1105.000	0.000	
%RSD		TM 0.044	0.000	

240-18032 -b-1-a, 11/30/2012 20:51:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.314%	4.338	57.350
%RSD		0.667	2.129	1.602
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		528.300	74420.000	M 59210.000
%RSD		1.198	0.224	M 0.598
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11350.000	M 297100.000
%RSD		0.000	T 1.023	M 0.730
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		65.834%	73.652%	M 573.500
%RSD		0.938	0.981	M 2.329
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		131.800	84.750	-31.960
%RSD		0.288	0.841	4.885
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5831.000	TM 137000.000	52.530
%RSD		TM 0.536	TM 0.435	0.674
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		109.600	M 200.100	M 448.400
%RSD		0.942	M 1.197	M 0.551
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.303%	62.710	0.876
%RSD		1.578	0.968	3.945
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.140	M 464.200	10.280
%RSD		2.052	M 0.994	0.930
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.321	-39.430
%RSD		0.000	14.110	11.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.080	80.508%	15.930
%RSD		5.909	0.958	0.839
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		8.878	M 612.400	0.000
%RSD		2.824	M 0.830	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.586%	1.488	1.654
%RSD		1.203	4.255	3.116
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 879.900	0.000	
%RSD		TM 0.142	0.000	

SD 240-18032 -b-1-a@5, 11/30/2012 20:57:28 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.481%	1.133	12.560
%RSD		0.205	2.002	1.716
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		115.300	16360.000	M 12930.000
%RSD		1.222	0.299	M 0.582
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 2436.000	62890.000
%RSD		T 0.000	T 0.026	0.276
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		67.135%	74.959%	121.200
%RSD		0.572	0.994	1.848
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		27.140	17.730	-35.080
%RSD		1.068	0.578	1.236
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1250.000	T 28980.000	11.250
%RSD		TM 0.327	T 0.620	1.204
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		23.920	45.430	99.580
%RSD		1.765	1.302	1.339
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.200%	12.580	0.276
%RSD		0.438	1.694	19.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.125	91.600	2.001
%RSD		29.450	0.962	5.114
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.079	-5.935
%RSD		0.000	14.600	78.560
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.580	83.393%	3.544
%RSD		10.830	0.214	2.777
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.132	128.700	0.000
%RSD		3.363	0.312	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.734%	0.532	0.527
%RSD		0.651	9.955	1.786
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		182.100	0.000	
%RSD		0.170	0.000	

240-18032 -b-1-d ms, 11/30/2012 21:02:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.220%	M 828.500	121.300
%RSD		0.573	M 0.434	0.576
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8390.000	96310.000	M 70860.000
%RSD		0.597	0.397	M 0.296
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 20730.000	M 356900.000
%RSD		0.000	T 0.578	M 0.291
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		66.458%	77.943%	M 648.300
%RSD		0.573	1.437	M 1.233
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1017.000	M 995.700	101.700
%RSD		M 0.741	M 0.378	7.023
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7986.000	TM 171200.000	M 947.600
%RSD		TM 0.225	TM 0.341	M 0.347
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 982.800	M 1063.000	M 1299.000
%RSD		M 0.352	M 0.308	M 0.810
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.057%	M 921.800	-3.718
%RSD		0.739	M 1.019	23.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 801.900	M 1480.000	105.100
%RSD		M 0.209	M 0.665	0.621
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	86.400	469.800
%RSD		0.000	0.584	8.630
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 845.100	84.240%	98.110
%RSD		M 0.350	1.319	0.670
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		87.800	M 1553.000	0.000
%RSD		0.891	M 0.441	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.830%	66.080	TM 223.000
%RSD		0.966	0.640	TM 0.551
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 4878.000	0.000	
%RSD		TM 0.276	0.000	

CCV 11/30/2012 21:10:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.334%	98.762%	95.767%
%RSD		0.577	0.930	0.834
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 101.421%	103.698%	106.964%
%RSD		T 0.633	0.274	2.129
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 101.883%	100.031%
%RSD		T 0.000	T 0.505	0.086
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		69.066%	76.879%	99.693%
%RSD		0.404	0.998	2.724
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		97.489%	99.951%	-18.060
%RSD		0.991	0.254	5.589
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 103.638%	T 105.320%	99.328%
%RSD		T 0.205	T 0.152	0.192
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.377%	100.307%	104.571%
%RSD		1.220	0.555	0.168
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		75.866%	98.101%	-0.568
%RSD		1.058	0.539	37.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.379%	96.971%	103.591%
%RSD		2.801	0.807	0.761
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	98.474%	96.710
%RSD		0.000	0.551	55.520
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		97.253%	84.035%	96.919%
%RSD		0.473	0.644	0.342
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		98.298%	96.265%	0.000
%RSD		0.801	0.846	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		87.676%	104.716%	97.555%
%RSD		0.671	0.494	0.525
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		106.473%	0.000	
%RSD		0.470	0.000	

CCB 11/30/2012 21:17:25 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.132%	0.106	0.580
%RSD		0.327	16.510	9.768
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		36.840	50.420	20.740
%RSD		6.344	32.390	6.294
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	35.680	65.640
%RSD		T 0.000	2.933	4.375
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		68.907%	75.540%	0.314
%RSD		0.184	0.569	17.590
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.266	-0.069	-31.440
%RSD		109.200	32.420	2.777
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.228	58.900	0.140
%RSD		1.547	4.020	6.729
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.114	0.269	0.858
%RSD		62.040	29.950	16.240
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		77.518%	-0.103	0.028
%RSD		0.872	53.000	320.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.152	0.242	-0.035
%RSD		58.570	17.850	158.500
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.079	-1.725
%RSD		0.000	13.050	82.980
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.126	85.047%	0.235
%RSD		42.920	0.403	7.129
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.423	0.224	0.000
%RSD		1.679	31.360	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		86.301%	0.841	0.544
%RSD		0.224	6.858	4.001
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.830	0.000	
%RSD		7.848	0.000	

240-18032 -b-1-e msd, 11/30/2012 21:22:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.155%	M 831.800	129.900
%RSD		0.587	M 1.372	0.882
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8342.000	76540.000	M 74730.000
%RSD		0.507	1.129	M 0.633
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 19990.000	M 330200.000
%RSD		0.000	T 2.735	M 2.606
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		61.405%	72.751%	M 763.300
%RSD		0.909	0.997	M 2.447
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1006.000	M 975.100	100.800
%RSD		M 0.299	M 0.355	5.604
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7600.000	TM 170100.000	M 932.500
%RSD		TM 2.331	TM 1.202	M 0.871
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 968.100	M 1020.000	M 1272.000
%RSD		M 1.004	M 1.024	M 0.829
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.298%	M 892.800	-3.691
%RSD		0.793	M 0.674	7.908
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 786.900	M 1534.000	101.700
%RSD		M 1.214	M 0.931	1.538
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	84.820	510.200
%RSD		0.000	1.551	12.910
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 827.100	80.364%	97.210
%RSD		M 1.642	0.279	1.036
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		42.320	M 1444.000	0.000
%RSD		0.244	M 1.188	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.341%	67.790	TM 223.300
%RSD		1.318	0.396	TM 0.604
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1698.000	0.000	
%RSD		TM 0.549	0.000	

240-18032 -b-2-a, 11/30/2012 21:30:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.169%	4.496	52.590
%RSD		0.544	1.306	1.890
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		635.800	92930.000	M 66980.000
%RSD		2.465	1.179	M 0.855
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 9865.000	TM 531000.000
%RSD		T 0.000	T 0.842	TM 0.468
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 76.056%	77.546%	M 669.600
%RSD		T 0.267	0.650	M 1.257
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		154.600	94.550	-20.980
%RSD		0.418	1.470	3.271
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7290.000	TM 172900.000	68.540
%RSD		TM 0.256	TM 1.455	0.720
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		133.400	158.300	M 379.900
%RSD		1.921	1.689	M 1.245
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		70.545%	65.050	1.153
%RSD		0.951	0.677	11.750
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.522	M 1155.000	15.430
%RSD		1.807	M 1.010	2.116
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.280	-43.330
%RSD		0.000	5.345	27.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.611	83.841%	13.620
%RSD		8.092	1.066	0.844
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.942	M 624.800	0.000
%RSD		1.631	M 0.189	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.212%	1.148	1.827
%RSD		1.474	5.767	1.242
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 829.500	0.000	
%RSD		TM 0.518	0.000	

240-18032 -b-3-a, 11/30/2012 21:35:39 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.352%	5.373	51.030
%RSD		0.511	2.975	2.117
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		600.100	73880.000	M 70020.000
%RSD		0.555	0.446	M 0.804
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11600.000	M 374600.000
%RSD		0.000	T 0.940	M 0.118
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		64.980%	75.297%	M 644.700
%RSD		0.547	0.611	M 1.479
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		159.900	96.950	-27.400
%RSD		0.091	0.357	0.978
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8068.000	TM 177800.000	68.640
%RSD		TM 0.171	TM 0.819	1.228
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		137.200	M 219.100	M 481.300
%RSD		0.865	M 0.575	M 0.382
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		69.142%	79.410	1.063
%RSD		0.714	0.129	4.267
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.769	M 715.200	13.340
%RSD		7.495	M 0.820	2.482
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.318	-64.700
%RSD		0.000	5.201	27.220
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.945	82.186%	17.960
%RSD		10.970	0.674	0.767
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		12.120	M 746.300	0.000
%RSD		0.679	M 0.610	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.933%	1.085	1.695
%RSD		0.686	1.342	1.118
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 883.800	0.000	
%RSD		TM 0.491	0.000	

240-18032 -b-4-a, 11/30/2012 21:41:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.940%	5.838	38.550
%RSD		2.042	3.982	2.013
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		555.800	72300.000	M 70710.000
%RSD		1.275	0.900	M 0.725
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 10400.000	M 296500.000
%RSD		0.000	T 0.507	M 0.163
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		63.017%	73.437%	M 676.800
%RSD		0.148	1.033	M 1.898
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		163.300	125.800	-20.640
%RSD		1.090	0.836	12.990
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8008.000	TM 192400.000	75.880
%RSD		TM 0.221	TM 0.844	0.372
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		159.300	M 235.600	M 510.400
%RSD		0.708	M 1.131	M 0.319
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		68.040%	80.240	0.938
%RSD		0.801	1.569	22.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.852	M 607.200	14.210
%RSD		4.744	M 1.233	2.103
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.376	-68.060
%RSD		0.000	6.790	5.955
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.890	80.251%	17.120
%RSD		4.740	0.935	2.096
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		11.020	M 752.200	0.000
%RSD		2.370	M 1.498	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.026%	1.049	1.605
%RSD		0.551	1.159	0.564
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1195.000	0.000	
%RSD		TM 0.718	0.000	

240-18032 -b-5-a, 11/30/2012 21:46:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.470%	4.722	70.510
%RSD		0.513	2.275	1.585
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		758.300	M 168000.000	M 51270.000
%RSD		0.169	M 0.244	M 0.595
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7498.000	TM 546400.000
%RSD		0.000	T 0.223	TM 0.198
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 73.063%	71.996%	M 718.300
%RSD		T 0.247	0.904	M 0.673
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		136.400	81.620	-29.470
%RSD		1.594	1.005	12.280
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7970.000	TM 163300.000	57.320
%RSD		TM 0.242	TM 0.439	0.788
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		105.000	M 240.700	M 410.700
%RSD		0.682	M 1.250	M 1.445
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		65.764%	120.900	0.924
%RSD		1.311	1.285	24.210
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.265	M 885.900	12.940
%RSD		7.545	M 0.194	1.767
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.334	-38.720
%RSD		0.000	3.303	13.490
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.642	79.521%	22.670
%RSD		2.917	0.611	0.630
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		20.120	M 914.100	0.000
%RSD		0.531	M 0.230	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.561%	1.549	1.651
%RSD		0.696	0.138	0.717
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1269.000	0.000	
%RSD		TM 0.394	0.000	

240-18032-b-6-a, 11/30/2012 21:52:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.248%	4.058	41.160
%RSD		1.103	2.341	2.091
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		592.400	80950.000	M 55960.000
%RSD		0.496	0.685	M 0.338
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6779.000	TM 502000.000
%RSD		0.000	T 0.228	TM 0.330
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 70.062%	68.972%	M 513.000
%RSD		T 0.345	0.849	M 0.992
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		138.200	115.200	-25.360
%RSD		0.745	0.927	6.459
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5139.000	TM 156600.000	60.930
%RSD		TM 0.162	TM 0.953	0.918
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		114.600	M 330.900	M 649.600
%RSD		0.467	M 0.444	M 0.277
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.573%	95.640	0.932
%RSD		0.959	1.446	5.347
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.807	M 868.500	8.494
%RSD		7.847	M 0.254	2.420
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.305	-47.200
%RSD		0.000	2.036	8.693
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.729	77.768%	20.070
%RSD		4.952	0.808	1.864
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		11.520	M 654.400	0.000
%RSD		1.213	M 0.310	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		92.065%	0.715	1.217
%RSD		1.082	1.889	0.460
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2453.000	0.000	
%RSD		TM 0.551	0.000	

240-18032 -b-7-a, 11/30/2012 21:57:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.674%	4.848	57.200
%RSD		0.722	1.933	0.703
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		945.800	M 193600.000	M 62230.000
%RSD		0.529	M 0.119	M 0.670
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 7990.000	TM 816200.000
%RSD		T 0.000	T 7.970	TM 7.516
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 65.327%	69.490%	M 777.200
%RSD		T 7.735	0.886	M 1.121
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		160.300	139.700	-14.930
%RSD		1.313	0.386	30.020
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5867.000	TM 169500.000	62.780
%RSD		TM 7.575	TM 0.197	0.180
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		118.900	M 344.700	M 659.500
%RSD		0.677	M 0.861	M 0.150
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.656%	175.100	1.171
%RSD		1.116	0.542	20.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.851	M 1069.000	10.820
%RSD		9.803	M 0.194	1.123
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.369	-61.150
%RSD		0.000	3.216	7.650
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.998	77.078%	43.260
%RSD		3.501	1.032	0.828
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		23.830	M 792.200	0.000
%RSD		0.847	M 0.426	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.581%	1.224	1.355
%RSD		1.226	1.833	0.891
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2397.000	0.000	
%RSD		TM 0.326	0.000	

240-18032 -b-8-a, 11/30/2012 22:03:19 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.060%	6.027	42.580
%RSD		0.303	3.369	1.717
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		691.000	85520.000	TM 91930.000
%RSD		1.843	1.054	TM 7.521
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 8670.000	TM 673200.000
%RSD		0.000	T 0.793	TM 0.377
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 68.237%	66.228%	M 866.600
%RSD		T 0.322	1.125	M 1.397
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 209.400	134.900	-23.450
%RSD		M 0.546	0.382	11.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5836.000	TM 205500.000	73.550
%RSD		TM 0.255	TM 0.279	0.365
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		140.100	M 291.500	M 697.000
%RSD		1.288	M 0.535	M 0.211
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.757%	129.100	1.108
%RSD		1.305	0.984	5.665
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.803	M 983.200	13.040
%RSD		4.825	M 0.187	1.639
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.420	-45.560
%RSD		0.000	7.099	15.980
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.251	74.907%	18.430
%RSD		7.474	1.300	1.519
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		27.830	M 922.700	0.000
%RSD		0.644	M 0.569	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.171%	0.928	1.480
%RSD		1.034	2.041	0.811
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 6808.000	0.000	
%RSD		TM 0.367	0.000	

240-18032 -b-9-a, 11/30/2012 22:08:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.200%	3.683	66.200
%RSD		0.454	4.237	0.478
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4163.000	M 257700.000	M 42980.000
%RSD		0.511	M 0.913	M 0.279
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6942.000	TM 1790000.000
%RSD		0.000	T 1.190	TM 0.204
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.576%	61.699%	M 777.300
%RSD		0.190	0.392	M 0.993
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		110.800	83.700	-24.770
%RSD		0.730	0.416	14.430
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7070.000	TM 120300.000	42.260
%RSD		TM 0.668	TM 0.999	0.901
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		82.190	180.800	M 464.400
%RSD		0.826	0.441	M 0.382
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.209%	154.200	1.313
%RSD		0.283	0.310	18.560
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.001	TM 3423.000	10.040
%RSD		14.050	TM 0.358	1.017
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.865	-38.990
%RSD		0.000	2.163	29.990
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.816	71.078%	21.380
%RSD		4.587	1.099	1.972
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		44.270	M 865.200	0.000
%RSD		2.098	M 1.194	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.253%	1.050	0.994
%RSD		0.995	2.549	1.105
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3873.000	0.000	
%RSD		TM 0.289	0.000	

240-18032-b-10-a, 11/30/2012 22:14:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.150%	6.565	40.490
%RSD		0.114	2.130	1.755
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		186.100	30590.000	TM 103300.000
%RSD		2.015	1.974	TM 1.672
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 14240.000	38740.000
%RSD		T 0.000	T 0.179	0.330
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.565%	70.815%	M 384.300
%RSD		0.679	1.492	M 2.009
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		160.900	133.600	-12.900
%RSD		1.561	1.318	18.290
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7714.000	TM 226100.000	103.700
%RSD		TM 0.313	TM 1.107	1.339
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		172.300	156.900	M 559.900
%RSD		0.994	0.920	M 0.703
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.618%	51.980	0.982
%RSD		1.758	1.938	0.901
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.071	193.100	3.957
%RSD		5.501	0.201	1.381
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.384	-48.840
%RSD		0.000	4.587	35.060
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.681	77.938%	16.120
%RSD		2.556	1.287	1.417
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		10.070	M 863.900	0.000
%RSD		2.156	M 0.462	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.189%	0.521	1.197
%RSD		1.507	1.443	1.023
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 769.100	0.000	
%RSD		TM 0.370	0.000	

CCV 11/30/2012 22:19:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.446%	98.490%	92.860%
%RSD		0.767	0.992	1.135
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.408%	102.407%	101.876%
%RSD		T 0.654	0.625	1.625
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 102.645%	99.110%
%RSD		T 0.000	T 0.217	0.632
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		55.641%	63.979%	103.032%
%RSD		0.924	1.365	0.610
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		96.845%	97.634%	-20.340
%RSD		0.492	1.317	12.190
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		90.531%	T 105.111%	98.220%
%RSD		0.238	T 0.643	0.710
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		98.287%	100.421%	105.075%
%RSD		1.600	0.317	1.267
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		62.982%	97.662%	-0.724
%RSD		1.336	0.550	21.840
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.702%	97.142%	102.417%
%RSD		1.607	0.571	1.173
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	97.956%	13.240
%RSD		0.000	0.583	145.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		97.922%	71.642%	98.390%
%RSD		2.211	1.285	0.115
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		99.693%	96.126%	0.000
%RSD		0.587	0.637	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		77.941%	105.104%	98.746%
%RSD		0.698	0.608	0.169
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		108.275%	0.000	
%RSD		0.194	0.000	

CCB 11/30/2012 22:26:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.249%	0.127	0.668
%RSD		0.600	22.350	20.870
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		34.080	44.140	20.240
%RSD		4.349	19.190	6.395
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	38.970	85.080
%RSD		0.000	0.638	10.380
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		57.275%	62.070%	0.259
%RSD		0.873	0.975	67.650
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.160	0.054	-32.630
%RSD		151.100	68.480	2.528
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.490	62.670	0.109
%RSD		1.607	1.560	6.647
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.136	0.266	0.520
%RSD		21.220	19.100	3.253
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		63.509%	-0.095	0.050
%RSD		1.057	19.880	178.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.117	0.244	-0.189
%RSD		29.320	21.790	81.910
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.078	-1.086
%RSD		0.000	10.190	250.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.092	71.896%	0.208
%RSD		5.025	0.979	21.240
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.373	0.246	0.000
%RSD		9.380	19.700	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		76.380%	0.828	0.401
%RSD		1.240	16.050	10.310
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.834	0.000	
%RSD		2.101	0.000	

240-18032-b-11-a, 11/30/2012 22:31:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.118%	6.840	44.330
%RSD		2.737	6.912	6.869
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		214.200	30260.000	TM 103700.000
%RSD		0.935	1.288	TM 1.628
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 15820.000	39820.000
%RSD		T 0.000	T 4.742	5.804
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.357%	70.089%	M 512.800
%RSD		2.678	1.773	M 2.297
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		169.200	140.200	-18.650
%RSD		1.783	1.751	8.639
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7534.000	TM 222400.000	102.900
%RSD		TM 5.635	TM 1.603	1.669
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		170.400	166.600	M 577.500
%RSD		2.296	1.478	M 1.099
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.959%	52.030	0.888
%RSD		1.338	2.328	19.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.051	188.500	3.972
%RSD		6.428	1.910	3.288
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.397	-45.590
%RSD		0.000	4.747	15.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.765	76.795%	17.300
%RSD		9.501	1.533	4.122
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		9.888	M 833.100	0.000
%RSD		1.767	M 1.678	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.158%	0.766	1.239
%RSD		1.607	2.031	0.996
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 794.500	0.000	
%RSD		TM 1.149	0.000	

240-18032 -b-12 -a, 11/30/2012 22:37:15 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.622%	8.406	46.710
%RSD		0.503	0.536	0.912
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		249.100	41250.000	TM 134800.000
%RSD		1.222	0.768	TM 0.363
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17720.000	48070.000
%RSD		T 0.000	T 0.377	0.198
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.078%	79.966%	M 479.200
%RSD		0.582	1.267	M 1.744
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 212.700	175.100	-10.720
%RSD		M 0.316	0.259	15.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11980.000	TM 293500.000	147.400
%RSD		TM 0.270	TM 0.646	0.486
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 222.000	187.100	M 671.300
%RSD		M 0.885	0.814	M 0.343
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.787%	61.570	1.166
%RSD		1.771	0.821	13.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.242	M 246.900	5.356
%RSD		6.767	M 0.680	1.312
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.480	-76.310
%RSD		0.000	1.455	16.630
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.967	84.286%	18.120
%RSD		1.117	0.532	1.714
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		11.850	M 1035.000	0.000
%RSD		4.100	M 1.278	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.064%	0.670	1.393
%RSD		1.189	1.763	1.537
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 803.200	0.000	
%RSD		TM 0.663	0.000	

240-18032 -b-13 -a, 11/30/2012 22:42:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.487%	8.050	40.510
%RSD		0.836	2.902	3.564
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		336.000	48420.000	TM 145300.000
%RSD		1.378	1.294	TM 0.925
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 15060.000	46850.000
%RSD		0.000	T 2.683	3.212
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.550%	81.073%	M 363.400
%RSD		1.282	0.488	M 2.291
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 213.400	188.800	-9.440
%RSD		M 1.178	1.277	18.010
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8045.000	TM 314300.000	136.300
%RSD		TM 3.265	TM 1.031	0.703
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 254.400	154.100	M 606.500
%RSD		M 0.424	0.812	M 0.925
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.306%	39.140	1.187
%RSD		0.626	1.124	6.239
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.443	M 243.100	2.827
%RSD		4.336	M 0.969	3.016
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.272	-80.660
%RSD		0.000	2.260	12.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.745	83.287%	9.799
%RSD		5.504	1.047	2.012
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.364	M 596.300	0.000
%RSD		0.757	M 0.514	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.905%	0.246	0.901
%RSD		0.890	7.899	1.204
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.950	0.000	
%RSD		0.884	0.000	

240-18032-b-14-a, 11/30/2012 22:48:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.417%	8.418	58.500
%RSD		0.317	2.105	1.457
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		408.000	49470.000	TM 148000.000
%RSD		0.134	0.619	TM 0.192
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 16630.000	52070.000
%RSD		0.000	T 0.556	0.859
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.593%	81.459%	M 372.200
%RSD		0.701	0.522	M 1.525
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 215.200	184.800	-7.532
%RSD		M 1.252	0.472	73.890
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7473.000	TM 321800.000	125.600
%RSD		TM 0.559	TM 1.334	1.163
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 251.400	149.400	M 588.900
%RSD		M 0.454	0.389	M 0.534
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.448%	38.140	1.139
%RSD		0.582	0.940	20.750
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.841	M 270.200	2.509
%RSD		4.403	M 1.014	1.187
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.222	-86.780
%RSD		0.000	5.493	13.590
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.694	83.670%	12.310
%RSD		2.048	0.849	2.756
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.054	M 545.700	0.000
%RSD		1.902	M 0.214	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.655%	0.251	0.897
%RSD		1.380	4.778	1.138
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		106.600	0.000	
%RSD		0.185	0.000	

240-18032-b-15-a, 11/30/2012 22:53:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.659%	5.881	58.920
%RSD		1.137	3.585	1.599
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		510.400	61620.000	TM 101800.000
%RSD		1.662	0.425	TM 0.194
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 14160.000	M 188400.000
%RSD		T 0.000	T 0.718	M 0.314
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		57.281%	66.250%	M 533.400
%RSD		0.406	1.239	M 0.440
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		175.300	140.400	-14.340
%RSD		0.831	0.246	24.970
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7163.000	TM 298700.000	96.610
%RSD		TM 0.149	TM 0.618	0.818
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		192.900	M 883.800	M 1409.000
%RSD		0.421	M 0.415	M 1.017
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.086%	72.480	1.120
%RSD		1.614	0.319	9.585
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.337	M 449.100	7.482
%RSD		2.346	M 1.035	1.303
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.656	-68.690
%RSD		0.000	4.475	6.607
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.345	73.228%	39.660
%RSD		4.765	1.033	0.347
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		9.944	M 1211.000	0.000
%RSD		1.665	M 0.656	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.757%	1.478	1.132
%RSD		1.342	1.119	1.034
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2348.000	0.000	
%RSD		TM 0.168	0.000	

240-18032 -b-16 -a, 11/30/2012 22:59:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.982%	8.531	36.640
%RSD		0.424	2.639	1.148
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		334.800	36560.000	TM 150900.000
%RSD		2.133	2.007	TM 1.545
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 16090.000	47160.000
%RSD		0.000	T 0.051	0.361
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.265%	81.315%	M 455.000
%RSD		0.514	0.853	M 1.676
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 253.100	172.700	-11.480
%RSD		M 1.578	1.215	8.677
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10520.000	TM 292000.000	113.300
%RSD		TM 0.192	TM 1.740	1.842
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 212.400	M 212.900	M 799.900
%RSD		M 2.129	M 1.887	M 1.708
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.068%	69.320	1.178
%RSD		1.376	1.636	10.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.351	M 240.900	8.276
%RSD		8.308	M 2.311	1.914
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.462	-83.560
%RSD		0.000	2.523	14.810
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.895	83.933%	12.280
%RSD		5.919	1.546	2.194
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.846	M 821.600	0.000
%RSD		3.272	M 0.931	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.145%	0.345	1.609
%RSD		1.290	3.348	1.665
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 326.400	0.000	
%RSD		TM 0.972	0.000	

240-18032 -b-17 -a, 11/30/2012 23:04:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.868%	7.815	45.720
%RSD		0.194	1.353	0.906
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		396.200	44440.000	TM 142200.000
%RSD		1.641	0.275	TM 0.404
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17340.000	56250.000
%RSD		T 0.000	T 0.894	0.472
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.490%	85.527%	M 554.400
%RSD		0.439	0.926	M 0.842
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 224.600	177.400	-4.231
%RSD		M 0.636	0.395	99.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11430.000	TM 325100.000	131.800
%RSD		TM 0.264	TM 0.520	0.036
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 246.800	M 319.100	M 977.300
%RSD		M 1.128	M 0.566	M 0.079
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		78.981%	57.050	1.225
%RSD		1.321	0.405	4.574
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.315	M 273.500	5.947
%RSD		1.956	M 0.542	2.055
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.351	-101.800
%RSD		0.000	2.049	6.758
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.055	88.372%	15.380
%RSD		2.021	0.445	1.179
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.322	M 782.600	0.000
%RSD		1.420	M 0.555	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		115.929%	0.374	1.144
%RSD		1.240	1.266	1.393
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 532.700	0.000	
%RSD		TM 0.854	0.000	

240-18032 -b-18 -a, 11/30/2012 23:10:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.134%	7.947	61.960
%RSD		0.117	0.167	0.537
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		513.300	44970.000	TM 140100.000
%RSD		1.015	2.372	TM 1.815
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 17180.000	96220.000
%RSD		T 0.000	T 1.049	0.177
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		70.971%	77.913%	M 382.900
%RSD		0.346	0.457	M 2.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 204.100	169.900	-13.440
%RSD		M 1.294	1.724	7.439
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 12790.000	TM 302600.000	126.600
%RSD		TM 0.499	TM 1.751	1.259
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 233.600	177.700	M 625.900
%RSD		M 1.931	2.248	M 1.514
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.943%	46.910	1.272
%RSD		0.426	3.852	13.210
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.933	M 397.200	4.198
%RSD		10.200	M 1.661	2.150
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.235	-80.950
%RSD		0.000	5.134	2.733
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.352	82.452%	11.660
%RSD		2.999	1.138	1.557
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.962	M 655.500	0.000
%RSD		4.221	M 1.053	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.080%	0.296	1.046
%RSD		0.899	7.639	0.813
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 254.800	0.000	
%RSD		TM 0.956	0.000	

240-18032-b-25-a, 11/30/2012 23:15:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.747%	7.220	90.140
%RSD		0.519	0.889	1.846
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		639.900	63250.000	TM 141700.000
%RSD		0.774	0.319	TM 0.120
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 21450.000	93410.000
%RSD		0.000	T 0.466	0.335
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		71.073%	79.136%	M 474.300
%RSD		0.358	1.158	M 0.972
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 208.200	193.600	-10.460
%RSD		M 0.922	0.657	23.820
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4358.000	TM 304700.000	152.700
%RSD		TM 0.262	TM 1.442	1.062
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 273.100	151.000	M 584.300
%RSD		M 1.452	0.985	M 1.293
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.267%	24.060	1.030
%RSD		0.674	1.073	13.800
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.491	M 354.000	0.861
%RSD		4.131	M 2.094	19.150
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.116	-83.100
%RSD		0.000	11.170	18.570
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.221	82.920%	9.615
%RSD		10.390	0.606	0.568
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.625	M 328.700	0.000
%RSD		1.176	M 1.501	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.251%	0.154	0.892
%RSD		0.974	8.648	0.361
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		70.320	0.000	
%RSD		0.541	0.000	

240-18032 -b-26 -a, 11/30/2012 23:21:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.896%	7.242	118.000
%RSD		0.491	1.082	1.212
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		672.600	57980.000	TM 135600.000
%RSD		0.363	0.413	TM 0.176
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 25290.000	M 242500.000
%RSD		T 0.000	T 2.305	M 1.997
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		56.447%	63.475%	M 403.200
%RSD		0.719	0.592	M 1.302
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 206.400	189.700	-13.350
%RSD		M 0.868	0.478	16.680
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3681.000	TM 301500.000	127.200
%RSD		TM 1.812	TM 0.406	0.337
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 244.500	151.300	M 515.200
%RSD		M 0.601	0.789	M 1.183
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.379%	28.850	1.091
%RSD		1.179	2.087	6.205
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.629	M 410.800	0.815
%RSD		4.883	M 0.803	5.968
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.147	-65.950
%RSD		0.000	6.269	7.783
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.155	69.706%	10.840
%RSD		6.660	1.928	1.349
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.083	M 321.900	0.000
%RSD		1.859	M 0.349	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		89.298%	0.111	0.881
%RSD		1.543	7.105	1.818
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		87.290	0.000	
%RSD		0.332	0.000	

CCV 11/30/2012 23:27:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.369%	98.601%	95.043%
%RSD		0.426	1.104	1.617
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.797%	104.486%	105.073%
%RSD		T 1.130	1.588	1.191
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	T 104.705%	99.345%
%RSD		T 0.000	T 0.434	0.086
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		57.281%	66.823%	100.399%
%RSD		0.764	0.952	2.981
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		96.760%	98.540%	-20.630
%RSD		0.618	0.763	1.893
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 95.079%	T 106.758%	97.969%
%RSD		T 8.419	T 0.555	0.916
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		97.953%	99.441%	105.696%
%RSD		1.216	1.583	1.311
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		66.146%	97.457%	-0.524
%RSD		1.748	0.722	19.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.455%	98.181%	103.748%
%RSD		1.809	0.737	1.360
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	98.768%	8.658
%RSD		0.000	0.539	226.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		99.428%	73.889%	98.767%
%RSD		1.449	0.483	1.191
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		100.664%	97.216%	0.000
%RSD		1.371	1.125	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		80.810%	105.206%	97.332%
%RSD		1.298	0.557	0.356
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		108.394%	0.000	
%RSD		0.148	0.000	

CCB 11/30/2012 23:33:43 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.058%	0.128	0.810
%RSD		0.270	6.883	6.178
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		45.970	79.940	34.480
%RSD		9.288	29.180	20.010
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	44.350	96.420
%RSD		T 0.000	2.465	6.465
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		59.147%	66.435%	0.373
%RSD		0.612	0.612	81.320
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.314	-0.032	-32.110
%RSD		78.350	100.400	2.417
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.656	101.500	0.179
%RSD		0.637	18.640	9.472
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.128	0.346	1.167
%RSD		25.560	8.360	4.711
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.457%	-0.104	0.024
%RSD		0.798	108.300	171.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.332	0.314	-0.159
%RSD		42.480	3.698	36.740
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.112	-1.674
%RSD		0.000	6.031	151.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.130	74.910%	0.220
%RSD		4.481	0.426	9.060
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.321	0.319	0.000
%RSD		13.350	15.150	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.490%	0.863	0.396
%RSD		0.228	12.620	1.571
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.954	0.000	
%RSD		6.494	0.000	

mb 240-66737/1-a, 11/30/2012 23:39:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.496%	0.019	0.594
%RSD		0.250	48.230	5.358
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		39.110	55.430	18.790
%RSD		2.655	3.305	4.654
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	21.610	243.800
%RSD		0.000	0.863	7.716
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		58.676%	62.577%	0.884
%RSD		0.332	0.477	65.090
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.163	0.314	-37.000
%RSD		41.170	2.070	0.749
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.789	76.870	0.125
%RSD		1.236	1.181	12.770
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.250	0.550	1.755
%RSD		6.813	22.740	5.562
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.362%	-0.063	0.499
%RSD		0.876	157.300	25.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.330	0.523	-0.656
%RSD		44.640	6.600	9.571
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.010	-0.875
%RSD		0.000	47.560	99.070
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.022	72.070%	19.490
%RSD		36.470	0.389	0.249
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.513	1.174	0.000
%RSD		7.190	10.610	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.464%	0.241	0.499
%RSD		0.376	13.120	2.901
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.669	0.000	
%RSD		1.392	0.000	

lcs 240-66737/2-a, 11/30/2012 23:44:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.321%	M 909.900	85.990
%RSD		0.704	M 1.053	1.938
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8012.000	9543.000	M 8711.000
%RSD		0.882	0.484	M 1.230
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9466.000	9006.000
%RSD		0.000	T 0.876	1.512
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		53.213%	58.761%	85.600
%RSD		0.516	1.938	4.229
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 854.300	M 898.100	95.030
%RSD		M 1.547	M 1.372	7.571
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 960.500	T 9663.000	M 868.400
%RSD		T 1.041	T 0.557	M 0.218
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 885.300	M 898.900	M 894.700
%RSD		M 0.996	M 0.962	M 0.928
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.731%	M 830.200	-4.199
%RSD		0.749	M 1.160	28.270
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 814.200	M 851.700	88.920
%RSD		M 0.995	M 1.100	0.216
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	91.930	726.500
%RSD		0.000	0.625	11.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 874.500	68.692%	102.200
%RSD		M 0.940	0.759	0.481
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		87.050	M 874.800	0.000
%RSD		1.677	M 0.903	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.023%	92.200	TM 261.400
%RSD		0.357	1.342	TM 0.215
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1135.000	0.000	
%RSD		TM 0.272	0.000	

240-17875 -b-1-a, 11/30/2012 23:52:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.814%	12.510	92.600
%RSD		0.889	0.553	0.907
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2711.000	M 145200.000	TM 106800.000
%RSD		0.749	M 0.416	TM 0.898
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6593.000	TM 586600.000
%RSD		0.000	T 0.124	TM 0.295
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		53.916%	61.065%	M 4859.000
%RSD		0.490	0.938	M 0.562
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 476.700	M 305.900	2.929
%RSD		M 0.564	M 0.392	165.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6017.000	TM 363800.000	43.520
%RSD		TM 0.361	TM 0.313	0.622
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 208.500	M 1380.000	M 2898.000
%RSD		M 0.952	M 0.505	M 0.795
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.163%	35.120	0.833
%RSD		0.568	1.966	13.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.821	M 951.800	92.080
%RSD		7.451	M 0.177	0.666
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.008	-39.610
%RSD		0.000	1.864	99.950
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		38.570	67.768%	48.790
%RSD		0.076	1.007	0.932
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		54.670	M 908.300	0.000
%RSD		0.542	M 0.589	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		79.181%	4.315	0.762
%RSD		1.391	2.641	6.079
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 216.800	0.000	
%RSD		M 0.781	0.000	

SD 240-17875 -b-1-a@5, 11/30/2012 23:57:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		49.873%	2.990	21.900
%RSD		0.685	2.758	2.305
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		593.400	32690.000	M 20990.000
%RSD		0.612	1.483	M 0.233
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	1274.000	M 112000.000
%RSD		0.000	0.645	M 0.401
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		52.200%	60.255%	M 1035.000
%RSD		0.347	1.240	M 1.742
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.700	65.130	-27.000
%RSD		0.551	1.266	1.188
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1320.000	TM 77720.000	9.643
%RSD		TM 0.394	TM 0.880	1.300
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		47.580	M 321.800	M 695.500
%RSD		1.001	M 0.437	M 0.317
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		59.310%	8.037	0.151
%RSD		1.019	0.371	52.710
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.684	188.500	18.750
%RSD		4.845	0.387	0.301
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.256	-12.660
%RSD		0.000	10.470	28.420
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		8.860	68.988%	10.270
%RSD		3.685	0.985	1.619
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		12.600	188.200	0.000
%RSD		1.430	0.519	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.532%	1.065	0.296
%RSD		1.136	2.149	10.890
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		49.890	0.000	
%RSD		0.847	0.000	

240-17875 -b-1-b ms, 12/1/2012 00:03:12 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.815%	M 799.200	162.800
%RSD		0.654	M 2.271	2.053
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10020.000	M 176200.000	TM 115700.000
%RSD		0.067	M 0.811	TM 0.400
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 14560.000	TM 712200.000
%RSD		T 0.000	T 1.998	TM 2.254
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		51.924%	60.172%	M 3666.000
%RSD		0.570	0.828	M 0.077
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1105.000	M 1126.000	121.400
%RSD		M 0.253	M 0.351	7.675
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7113.000	TM 253700.000	M 838.400
%RSD		TM 2.260	TM 0.840	M 0.883
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 900.500	M 1275.000	M 3458.000
%RSD		M 1.553	M 0.964	M 0.756
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		54.826%	M 852.200	-3.451
%RSD		0.653	M 0.456	22.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 780.100	M 1936.000	113.300
%RSD		M 0.859	M 1.275	1.832
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	78.900	499.800
%RSD		0.000	0.219	36.220
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 825.700	66.884%	120.700
%RSD		M 0.273	0.867	0.427
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.000	M 1766.000	0.000
%RSD		1.456	M 0.037	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		78.459%	53.680	TM 232.000
%RSD		1.240	1.611	TM 0.226
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1187.000	0.000	
%RSD		TM 0.408	0.000	

240-17875 -b-1-c msd, 12/1/2012 00:10:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.550%	M 832.500	160.900
%RSD		1.266	M 2.571	2.017
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9464.000	M 152600.000	M 85970.000
%RSD		1.756	M 1.770	M 1.530
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13240.000	TM 616900.000
%RSD		0.000	T 2.301	TM 3.038
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		52.268%	57.681%	M 2884.000
%RSD		2.065	0.709	M 2.311
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1050.000	M 1062.000	103.100
%RSD		M 1.116	M 1.159	9.269
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6108.000	TM 216400.000	M 846.300
%RSD		TM 3.099	TM 1.528	M 2.058
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 912.400	M 1310.000	M 3728.000
%RSD		M 2.292	M 1.972	M 1.636
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		52.941%	M 843.800	-4.773
%RSD		1.825	M 1.264	19.940
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 772.700	M 1822.000	128.500
%RSD		M 0.261	M 2.122	2.006
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	79.440	178.700
%RSD		0.000	1.515	61.810
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 839.800	65.672%	114.400
%RSD		M 0.955	0.463	1.573
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		71.590	M 1612.000	0.000
%RSD		0.430	M 0.671	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.990%	60.030	TM 239.100
%RSD		0.898	1.449	TM 0.408
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1492.000	0.000	
%RSD		TM 1.169	0.000	

240-17875 -b-2-a, 12/1/2012 00:17:44 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.417%	16.060	116.200
%RSD		0.551	1.143	0.452
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		3447.000	M 179900.000	TM 126300.000
%RSD		0.565	M 1.064	TM 1.159
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 6729.000	TM 1032000.000
%RSD		T 0.000	T 0.416	TM 0.054
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		53.231%	57.928%	M 3610.000
%RSD		0.717	0.345	M 1.788
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 302.200	M 202.900	-12.170
%RSD		M 0.792	M 1.377	13.190
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8377.000	TM 273900.000	39.760
%RSD		TM 0.174	TM 1.886	1.365
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		130.000	M 418.500	M 3558.000
%RSD		1.519	M 1.133	M 1.201
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.360%	23.180	0.949
%RSD		1.044	1.428	12.620
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.473	TM 2323.000	28.720
%RSD		6.381	TM 6.357	1.462
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	5.919	-131.200
%RSD		0.000	2.771	18.760
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		24.150	64.764%	28.560
%RSD		0.811	0.763	0.685
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		87.340	M 1172.000	0.000
%RSD		2.798	M 0.986	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.135%	3.048	0.759
%RSD		1.579	4.333	3.790
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 215.800	0.000	
%RSD		M 0.560	0.000	

240-17875 -b-3-a, 12/1/2012 00:23:15 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.553%	12.290	104.100
%RSD		0.310	1.191	0.525
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4170.000	M 144200.000	TM 131300.000
%RSD		0.329	M 0.735	TM 0.635
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 10730.000	TM 724600.000
%RSD		T 0.000	T 1.461	TM 1.477
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		51.649%	57.559%	M 4120.000
%RSD		0.828	1.380	M 1.040
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 295.700	M 331.700	7.484
%RSD		M 0.707	M 0.250	60.790
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7343.000	TM 186600.000	38.150
%RSD		TM 0.963	TM 0.712	1.026
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		117.000	M 591.700	M 2364.000
%RSD		1.412	M 0.632	M 0.687
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		52.128%	23.090	0.750
%RSD		0.439	1.024	19.690
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		15.810	M 1270.000	26.120
%RSD		3.865	M 0.950	0.583
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.306	-112.700
%RSD		0.000	2.988	12.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		25.850	65.686%	35.610
%RSD		2.885	0.876	2.286
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		28.700	M 1083.000	0.000
%RSD		0.840	M 1.006	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		76.091%	3.461	0.581
%RSD		0.696	0.779	2.409
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 408.300	0.000	
%RSD		TM 0.843	0.000	

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User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.132%	10.250	81.970
%RSD		1.179	2.443	0.957
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2016.000	M 129100.000	M 77770.000
%RSD		0.268	M 0.482	M 0.746
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3388.000	M 424400.000
%RSD		0.000	T 0.576	M 0.838
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		53.342%	57.924%	M 1588.000
%RSD		0.470	1.302	M 0.959
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 596.500	M 642.100	56.100
%RSD		M 0.474	M 0.601	5.972
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6858.000	TM 589400.000	57.790
%RSD		TM 0.871	TM 0.541	0.751
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 298.300	M 694.000	M 6683.000
%RSD		M 0.675	M 0.383	M 0.482
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.540%	116.900	0.758
%RSD		0.739	0.340	4.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.226	M 957.000	37.080
%RSD		14.800	M 0.723	1.033
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	43.920	-68.720
%RSD		0.000	0.752	28.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		64.440	67.516%	195.600
%RSD		2.016	1.088	0.827
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 321.400	M 819.200	0.000
%RSD		M 0.075	M 0.217	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.066%	10.480	0.507
%RSD		1.676	0.852	2.889
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1593.000	T 0.000	
%RSD		TM 0.552	T 0.000	

240-17875 -b-5-a, 12/1/2012 00:34:17 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.550%	1.298	16.160
%RSD		0.611	3.813	2.010
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		831.100	55220.000	M 24680.000
%RSD		1.583	0.342	M 1.007
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2456.000	M 242600.000
%RSD		0.000	T 0.355	M 0.471
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		49.475%	54.902%	M 761.600
%RSD		0.420	1.100	M 3.425
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 285.200	M 511.600	29.710
%RSD		M 0.474	M 0.092	23.220
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2751.000	TM 548800.000	56.820
%RSD		TM 0.239	TM 0.220	1.637
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 210.800	M 451.700	M 11190.000
%RSD		M 0.530	M 0.880	M 0.171
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.092%	55.950	0.525
%RSD		0.720	0.641	15.130
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.829	M 642.600	43.230
%RSD		10.230	M 0.548	1.283
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.025	-21.170
%RSD		0.000	3.885	222.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		47.340	66.894%	56.650
%RSD		2.232	1.530	0.289
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 426.000	M 441.300	0.000
%RSD		M 0.043	M 0.452	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		75.185%	13.360	0.373
%RSD		1.242	0.565	3.404
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1451.000	0.000	
%RSD		TM 0.541	0.000	

CCV 12/1/2012 00:39:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.307%	100.073%	93.713%
%RSD		1.225	1.732	0.760
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 97.713%	102.516%	109.102%
%RSD		T 0.803	0.333	4.827
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 103.623%	99.484%
%RSD		0.000	T 0.335	1.250
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		45.272%	53.021%	104.811%
%RSD		1.073	1.604	7.879
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		95.588%	98.060%	-20.680
%RSD		1.119	1.048	8.084
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		92.083%	T 107.163%	96.655%
%RSD		1.078	T 0.712	0.502
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		95.982%	98.879%	108.743%
%RSD		2.845	1.912	4.827
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		53.404%	95.525%	-0.914
%RSD		2.169	1.219	36.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		97.819%	98.155%	104.755%
%RSD		2.273	1.397	1.176
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	97.516%	8.550
%RSD		0.000	0.629	1240.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		98.895%	61.650%	99.684%
%RSD		0.419	1.453	0.776
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		104.656%	97.353%	0.000
%RSD		0.332	1.475	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		69.555%	107.102%	100.716%
%RSD		1.180	0.510	0.930
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		111.318%	0.000	
%RSD		0.778	0.000	

CCB 12/1/2012 00:45:55 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		47.194%	0.141	0.643
%RSD		0.578	10.210	18.200
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		40.450	63.050	28.350
%RSD		1.319	12.430	11.870
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	47.430	114.500
%RSD		0.000	4.155	7.474
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		49.531%	54.430%	0.906
%RSD		0.920	1.204	13.340
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.386	0.009	-33.380
%RSD		30.490	134.400	1.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.962	92.990	0.137
%RSD		3.407	6.969	2.876
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.083	0.332	1.083
%RSD		73.100	19.490	12.200
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		56.364%	-0.139	0.030
%RSD		0.615	13.710	204.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.226	0.262	0.159
%RSD		49.610	14.500	94.470
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.109	1.116
%RSD		0.000	9.286	182.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.135	64.541%	0.268
%RSD		15.440	0.263	2.851
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		1.433	0.319	0.000
%RSD		3.333	10.870	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		70.465%	1.103	0.436
%RSD		1.214	12.160	5.534
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		1.001	0.000	
%RSD		3.431	0.000	

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User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.101%	1.996	55.890
%RSD		0.319	3.362	1.407
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2980.000	M 223400.000	M 83920.000
%RSD		1.429	M 0.798	M 1.206
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6896.000	TM 888900.000
%RSD		0.000	T 0.714	TM 1.118
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		46.745%	55.494%	M 1694.000
%RSD		1.312	2.289	M 1.519
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 518.500	M 1273.000	138.600
%RSD		M 1.183	M 0.421	12.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 17490.000	TM 376900.000	106.000
%RSD		TM 1.250	TM 0.784	0.823
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 445.100	M 3983.000	M 5131.000
%RSD		M 0.959	M 1.071	M 0.473
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.254%	43.470	0.741
%RSD		2.130	0.656	15.780
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.419	M 1427.000	63.200
%RSD		11.000	M 1.170	1.378
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	3.498	32.430
%RSD		0.000	3.594	115.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		61.310	65.844%	138.700
%RSD		0.843	1.429	1.596
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		79.980	M 797.100	0.000
%RSD		1.108	M 0.539	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.087%	30.640	0.395
%RSD		1.878	0.598	4.329
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3203.000	T 0.000	
%RSD		TM 0.822	T 0.000	

240-17875 -b-7-a, 12/1/2012 00:56:58 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		42.319%	8.662	64.540
%RSD		1.126	0.796	3.456
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8277.000	M 152600.000	M 77800.000
%RSD		0.386	M 0.595	M 0.335
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 10250.000	TM 572200.000
%RSD		0.000	T 2.473	TM 10.620
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		49.058%	52.301%	M 3172.000
%RSD		1.204	0.975	M 0.317
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 274.700	M 555.600	45.090
%RSD		M 0.958	M 1.286	4.771
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5874.000	TM 193900.000	42.390
%RSD		TM 2.710	TM 0.752	1.577
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 226.500	M 737.000	M 4347.000
%RSD		M 0.795	M 1.430	M 1.056
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.824%	29.870	0.777
%RSD		1.897	1.630	43.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		16.980	M 953.900	35.420
%RSD		5.323	M 1.509	2.572
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	3.043	-14.060
%RSD		0.000	2.092	129.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		128.300	61.202%	40.630
%RSD		0.362	0.342	1.510
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		18.570	M 820.400	0.000
%RSD		1.195	M 0.892	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		72.230%	4.871	0.429
%RSD		1.731	1.680	1.703
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 872.100	0.000	
%RSD		TM 1.147	0.000	

240-17875 -b-8-a, 12/1/2012 01:02:30 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		43.741%	11.290	86.080
%RSD		0.347	3.411	1.376
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4228.000	M 221200.000	M 93940.000
%RSD		1.401	M 0.762	M 0.675
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6385.000	TM 1020000.000
%RSD		0.000	T 1.122	TM 1.291
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		52.324%	55.158%	M 2843.000
%RSD		1.215	1.290	M 0.227
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 329.100	M 546.500	36.090
%RSD		M 1.310	M 1.083	2.058
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11580.000	TM 251900.000	34.540
%RSD		TM 1.168	TM 1.439	1.648
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		139.800	M 359.300	M 1698.000
%RSD		0.587	M 1.858	M 1.828
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.171%	19.480	1.027
%RSD		2.211	3.398	12.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		12.970	M 1240.000	32.670
%RSD		2.913	M 2.132	2.065
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.834	-46.550
%RSD		0.000	2.531	53.020
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		24.980	61.980%	41.930
%RSD		0.943	1.347	2.113
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		6.902	M 768.200	0.000
%RSD		0.448	M 0.982	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		73.788%	4.282	0.273
%RSD		1.186	0.410	0.614
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 230.500	0.000	
%RSD		M 0.713	0.000	

240-17875 -b-9-a, 12/1/2012 01:08:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		41.184%	8.819	59.420
%RSD		0.713	2.175	1.042
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2890.000	M 246600.000	M 76580.000
%RSD		0.338	M 0.469	M 0.063
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 8936.000	TM 1168000.000
%RSD		0.000	T 0.418	TM 0.359
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		48.914%	48.265%	M 3561.000
%RSD		0.305	0.780	M 1.082
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 212.000	M 374.000	16.540
%RSD		M 0.598	M 0.320	11.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7052.000	TM 197300.000	28.880
%RSD		TM 0.154	TM 0.716	0.401
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		132.200	M 293.300	M 1787.000
%RSD		0.459	M 0.511	M 0.882
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		43.936%	17.460	0.969
%RSD		0.511	4.538	14.870
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.741	M 1742.000	23.810
%RSD		8.774	M 0.697	0.946
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.778	-55.850
%RSD		0.000	2.676	91.540
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		40.480	56.997%	28.750
%RSD		1.016	0.888	1.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.707	M 662.800	0.000
%RSD		2.056	M 0.482	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		68.204%	2.914	0.297
%RSD		0.865	0.714	0.918
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		186.900	0.000	
%RSD		0.322	0.000	

240-17875 -b-10 -a, 12/1/2012 01:13:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		39.378%	8.524	67.100
%RSD		0.228	0.598	1.338
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2905.000	M 210100.000	M 56960.000
%RSD		1.219	M 1.086	M 1.494
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5008.000	TM 867100.000
%RSD		0.000	T 1.022	TM 1.194
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		44.762%	45.548%	M 2385.000
%RSD		1.093	1.299	M 2.068
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		155.400	M 348.800	3.053
%RSD		1.832	M 0.908	298.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4693.000	TM 178000.000	17.860
%RSD		TM 1.012	TM 1.092	1.280
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		89.940	M 311.100	M 3639.000
%RSD		0.823	M 1.190	M 1.308
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		42.753%	18.250	0.780
%RSD		1.045	2.347	24.180
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.119	M 1270.000	28.480
%RSD		2.737	M 0.978	1.772
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.967	-68.070
%RSD		0.000	1.972	14.190
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		11.590	54.687%	41.310
%RSD		2.539	0.484	0.995
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.142	M 668.500	0.000
%RSD		0.732	M 0.450	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		64.687%	1.776	0.271
%RSD		1.188	3.561	0.958
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 240.100	0.000	
%RSD		M 0.903	0.000	

240-17875-b-11-a, 12/1/2012 01:19:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		40.092%	3.278	26.450
%RSD		0.616	4.017	2.986
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1430.000	M 305400.000	M 33120.000
%RSD		1.518	M 2.157	M 1.760
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 4847.000	TM 913700.000
%RSD		0.000	T 0.398	TM 0.148
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		44.216%	45.310%	M 1829.000
%RSD		0.615	1.866	M 1.071
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		148.800	M 388.100	14.150
%RSD		2.546	M 1.361	44.910
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5901.000	TM 204800.000	22.540
%RSD		TM 0.404	TM 1.214	1.770
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		125.400	M 303.900	M 3619.000
%RSD		1.352	M 0.886	M 1.320
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		42.627%	17.030	0.702
%RSD		1.787	0.499	43.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		27.680	M 876.500	41.470
%RSD		2.477	M 1.047	1.024
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.432	-22.750
%RSD		0.000	1.186	139.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		16.790	54.280%	M 608.900
%RSD		0.977	1.059	M 1.213
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		10.030	M 390.400	0.000
%RSD		8.529	M 1.566	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		64.024%	5.677	0.222
%RSD		1.422	2.375	6.216
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		179.500	0.000	
%RSD		1.133	0.000	

240-17875 -b-12 -a, 12/1/2012 01:24:37 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		37.281%	5.233	68.580
%RSD		0.606	7.119	1.269
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2387.000	M 121600.000	M 38210.000
%RSD		1.897	M 1.652	M 1.724
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3426.000	M 504300.000
%RSD		0.000	T 0.370	M 0.369
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		43.016%	42.275%	M 1522.000
%RSD		1.356	0.906	M 2.796
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		144.400	M 527.400	31.770
%RSD		0.930	M 1.207	23.860
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2736.000	TM 95680.000	21.020
%RSD		TM 0.917	TM 1.391	1.749
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		66.290	M 236.500	M 5578.000
%RSD		2.470	M 0.602	M 1.184
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		40.986%	15.090	0.257
%RSD		0.961	0.933	104.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		56.460	M 980.600	53.610
%RSD		1.859	M 1.293	1.670
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	2.066	-32.970
%RSD		0.000	1.900	40.270
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		24.610	52.545%	28.630
%RSD		1.866	0.589	1.442
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.200	M 573.100	0.000
%RSD		0.830	M 0.390	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		62.192%	1.706	0.219
%RSD		1.179	3.778	7.354
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 314.400	0.000	
%RSD		M 1.017	0.000	

240-17875 -b-13 -a, 12/1/2012 01:30:10 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		35.296%	2.919	43.720
%RSD		0.922	4.102	1.752
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2765.000	M 257600.000	M 64960.000
%RSD		1.214	M 0.949	M 0.986
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 19260.000	TM 1583000.000
%RSD		0.000	T 0.545	TM 0.290
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		41.900%	40.341%	M 2868.000
%RSD		0.860	1.052	M 1.771
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 253.800	M 416.100	11.460
%RSD		M 0.501	M 0.978	73.960
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10150.000	TM 147400.000	30.280
%RSD		TM 0.250	TM 1.156	1.718
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		87.610	192.000	M 5213.000
%RSD		0.758	0.720	M 1.248
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		37.955%	22.400	0.948
%RSD		2.048	2.188	9.526
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.385	M 2425.000	18.830
%RSD		7.235	M 1.507	2.893
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.400	-36.850
%RSD		0.000	1.956	69.480
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		10.770	50.165%	19.590
%RSD		2.251	1.595	2.290
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		6.281	M 407.900	0.000
%RSD		1.877	M 0.829	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		59.108%	4.953	0.410
%RSD		1.676	0.661	2.497
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		103.600	0.000	
%RSD		0.707	0.000	

240-17875-b-14-a, 12/1/2012 01:35:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		31.657%	14.690	M 204.800
%RSD		1.372	2.944	M 2.298
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2189.000	M 125500.000	M 123300.000
%RSD		0.802	M 0.851	M 0.368
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5298.000	M 322500.000
%RSD		0.000	T 3.130	M 3.338
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		38.250%	38.230%	M 4450.000
%RSD		1.271	0.622	M 1.275
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 812.500	TM 10620.000	-214.000
%RSD		M 1.964	TM 0.434	40.870
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7184.000	TM 723500.000	79.810
%RSD		TM 3.290	TM 1.285	2.025
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 361.200	M 2726.000	TM 35560.000
%RSD		M 0.362	M 0.787	TM 0.673
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		37.641%	172.200	0.101
%RSD		0.760	1.191	162.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		86.960	M 1068.000	185.900
%RSD		2.746	M 1.456	1.221
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	74.540	-50.840
%RSD		0.000	0.869	92.640
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		131.400	48.505%	117.200
%RSD		1.402	0.531	1.220
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		47.220	M 1334.000	0.000
%RSD		1.986	M 0.769	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		61.060%	14.970	0.530
%RSD		0.833	1.461	1.714
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3045.000	0.000	
%RSD		TM 1.298	0.000	

CCV 12/1/2012 01:41:13 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		35.787%	104.333%	97.586%
%RSD		0.537	1.524	1.287
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 95.323%	98.509%	108.844%
%RSD		T 0.869	1.358	1.166
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 97.627%	98.180%
%RSD		0.000	T 0.347	0.676
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		38.800%	41.458%	102.723%
%RSD		0.839	1.764	1.590
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		94.165%	97.544%	-22.730
%RSD		2.034	1.041	15.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		90.856%	T 104.696%	94.552%
%RSD		0.379	T 0.412	0.529
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		93.167%	94.531%	110.317%
%RSD		1.614	1.247	0.893
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		42.587%	94.988%	-0.845
%RSD		1.956	0.607	22.970
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.190%	98.334%	102.595%
%RSD		2.544	0.835	2.592
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	95.268%	60.010
%RSD		0.000	0.937	61.790
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		97.445%	52.177%	97.963%
%RSD		0.902	0.477	0.529
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		99.906%	95.965%	0.000
%RSD		0.388	1.938	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		59.748%	105.929%	102.481%
%RSD		2.116	1.016	0.969
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		112.538%	0.000	
%RSD		0.885	0.000	

CCB 12/1/2012 01:47:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		38.935%	0.184	1.185
%RSD		0.612	5.157	18.930
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		43.110	68.640	32.680
%RSD		1.690	17.750	8.758
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	46.770	140.700
%RSD		0.000	1.861	9.013
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		42.984%	41.929%	0.930
%RSD		0.209	1.247	43.360
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.110	0.196	-35.160
%RSD		397.300	32.080	4.029
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		2.336	114.100	0.170
%RSD		0.570	2.023	14.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.189	0.464	1.921
%RSD		50.680	15.310	12.610
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		44.364%	-0.145	-0.044
%RSD		0.959	60.700	101.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.301	0.360	-0.067
%RSD		23.400	5.379	98.240
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.114	-1.660
%RSD		0.000	6.062	187.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.179	53.297%	0.290
%RSD		4.516	0.449	27.960
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.551	0.311	0.000
%RSD		4.281	38.480	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		59.586%	0.957	0.422
%RSD		0.808	14.570	12.140
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		1.068	0.000	
%RSD		0.981	0.000	

AG 200 PPB 12/1/2012 01:52:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		37.683%	M 205.100	0.554
%RSD		1.051	M 0.801	14.730
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 91720.000	94090.000	903.000
%RSD		T 1.617	1.511	2.179
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 92210.000	93940.000
%RSD		0.000	T 0.531	0.677
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		43.460%	42.930%	0.646
%RSD		0.976	2.061	54.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		186.200	187.900	-12.240
%RSD		0.670	1.293	10.260
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 980.100	TM 49950.000	184.000
%RSD		T 0.531	TM 0.934	1.170
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		179.200	178.700	195.700
%RSD		3.213	1.198	0.846
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		42.935%	186.300	-1.311
%RSD		1.670	0.649	42.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		195.300	192.200	-0.546
%RSD		0.614	0.841	4.670
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	178.700	138.200
%RSD		0.000	1.024	30.640
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		187.000	52.693%	0.113
%RSD		0.434	2.026	21.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.394	187.000	0.000
%RSD		10.700	0.605	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		60.002%	0.248	194.300
%RSD		1.070	5.836	0.970
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 207.500	0.000	
%RSD		M 0.984	0.000	

AG 500 PPB 12/1/2012 01:59:56 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		37.077%	M 492.500	0.578
%RSD		0.761	M 0.653	7.491
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 226000.000	M 230200.000	M 2238.000
%RSD		TM 0.252	M 0.364	M 1.760
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	TM 225300.000	M 233600.000
%RSD		0.000	TM 0.186	M 0.235
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		45.755%	43.631%	0.254
%RSD		0.620	1.449	129.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 463.000	M 463.200	28.060
%RSD		M 0.296	M 0.243	27.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2417.000	TM 123500.000	M 449.900
%RSD		TM 0.240	TM 0.596	M 1.221
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 433.200	M 424.300	M 448.300
%RSD		M 0.629	M 1.333	M 1.362
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		42.646%	M 453.800	-3.058
%RSD		2.655	M 0.904	14.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 462.900	M 497.900	-0.431
%RSD		M 1.140	M 0.334	6.947
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 423.300	263.200
%RSD		0.000	M 0.534	7.292
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 445.200	53.156%	0.090
%RSD		M 1.427	0.907	29.930
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.441	M 471.700	0.000
%RSD		9.817	M 0.997	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		60.316%	0.099	TM 536.600
%RSD		1.891	13.420	TM 0.806
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 524.200	0.000	
%RSD		TM 0.547	0.000	

AG 1000 PPB 12/1/2012 02:07:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		36.777%	M 933.500	0.599
%RSD		0.495	M 0.909	16.750
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 431900.000	M 442300.000	M 4332.000
%RSD		TM 1.098	M 0.671	M 1.068
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	TM 437300.000	M 459800.000
%RSD		0.000	TM 0.270	M 0.410
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		49.232%	45.749%	0.450
%RSD		1.094	2.664	74.390
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 923.300	M 912.200	91.030
%RSD		M 0.754	M 0.296	11.070
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4691.000	TM 241900.000	M 859.800
%RSD		TM 0.351	TM 0.312	M 0.573
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 804.800	M 790.800	M 826.700
%RSD		M 0.794	M 1.113	M 0.772
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		43.838%	M 847.200	-6.405
%RSD		0.920	M 0.929	17.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 864.400	M 1013.000	-0.123
%RSD		M 0.925	M 0.990	77.190
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 782.800	713.500
%RSD		0.000	M 0.253	19.740
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 833.200	55.476%	0.083
%RSD		M 0.724	1.702	20.580
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.586	M 951.700	0.000
%RSD		3.389	M 0.593	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		62.048%	0.069	TM 1039.000
%RSD		1.935	12.040	TM 0.171
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1074.000	0.000	
%RSD		TM 0.316	0.000	

AG 2000 PPB 12/1/2012 02:14:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		33.936%	M 1760.000	0.953
%RSD		0.854	M 0.376	15.680
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 836900.000	M 858400.000	M 8507.000
%RSD		TM 1.858	M 2.160	M 2.169
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	TM 844600.000	TM 1055000.000
%RSD		0.000	TM 0.417	TM 0.145
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		49.712%	43.349%	0.152
%RSD		0.739	0.819	220.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1825.000	M 1768.000	213.000
%RSD		M 1.433	M 0.693	2.374
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 9201.000	TM 470700.000	M 1617.000
%RSD		TM 0.213	TM 0.698	M 0.381
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 1483.000	M 1458.000	M 1504.000
%RSD		M 0.606	M 0.574	M 0.622
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		40.925%	M 1551.000	-10.160
%RSD		2.438	M 0.857	5.907
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 1559.000	M 2071.000	0.749
%RSD		M 1.291	M 0.753	5.994
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	TM 1256.000	871.400
%RSD		0.000	TM 2.677	7.683
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1536.000	52.933%	0.110
%RSD		M 0.676	0.789	31.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.004	M 1893.000	0.000
%RSD		9.700	M 0.701	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		58.585%	0.058	TM 2020.000
%RSD		1.747	19.750	TM 0.777
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2063.000	0.000	
%RSD		TM 0.321	0.000	

CCV 12/1/2012 02:21:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.384%	112.273%	102.845%
%RSD		0.632	0.290	0.825
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 92.969%	98.382%	109.989%
%RSD		T 0.523	1.071	2.083
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 92.997%	97.048%
%RSD		0.000	T 0.761	0.378
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		58.787%	50.611%	96.335%
%RSD		0.471	0.583	3.179
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		94.324%	96.534%	-24.460
%RSD		0.926	0.398	11.080
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		87.893%	T 103.955%	93.928%
%RSD		0.336	T 0.447	0.325
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		93.415%	92.737%	105.543%
%RSD		0.452	0.227	1.027
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		51.852%	96.006%	-1.040
%RSD		0.934	0.853	30.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.546%	99.664%	99.192%
%RSD		0.462	0.375	0.628
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	95.420%	21.310
%RSD		0.000	0.489	123.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		97.954%	61.796%	98.117%
%RSD		1.037	0.264	0.444
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		100.872%	98.952%	0.000
%RSD		0.350	0.509	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		67.869%	102.578%	100.961%
%RSD		1.085	0.114	0.910
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		109.850%	0.000	
%RSD		0.056	0.000	

CCB 12/1/2012 02:29:00 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		43.202%	0.209	0.508
%RSD		0.479	13.930	29.280
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		99.930	128.400	32.560
%RSD		10.180	33.350	8.246
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	72.020	174.200
%RSD		0.000	0.846	2.890
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		55.374%	48.302%	0.505
%RSD		0.437	0.889	58.410
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.326	0.442	-34.900
%RSD		72.800	13.000	2.742
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.574	140.700	0.238
%RSD		1.238	6.012	13.540
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.248	0.632	2.635
%RSD		37.060	7.312	13.360
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.303%	0.144	-0.100
%RSD		0.831	37.480	68.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.340	0.477	-0.409
%RSD		28.500	0.986	33.640
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.548	3.088
%RSD		0.000	4.297	76.330
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.235	60.869%	0.259
%RSD		1.523	0.283	2.265
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.352	0.465	0.000
%RSD		6.100	9.900	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		65.702%	0.748	1.008
%RSD		0.477	12.720	1.136
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.218	0.000	
%RSD		3.137	0.000	

MTMSCCBDILH20-69

TestAmerica ICP/MS Data Review Checklist

Run Date: 12-10-12 Analyst: NJ-7 Instrument: I8

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution </= 0.9 AMU full width at 10% peak height, and within +/- 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be>8000cps) (In >300,000 cps) (Pb >100,000 cps) (Co>100000) (Mg>10000) (CeO/Ce<0.03) (Ba++/Ba<0.03) (Background < 30cps @ Mass 220) CCT Performance Check (In > 75000) (Se< 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (*ICV*: = 90 – 110%) (*CCV*: 90 – 110%, 200.8 = 85 -115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
3. CRI run and recovered within QC limits (+/-50%) or project limits?	✓			✓
4. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?	✓			✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie Doth Date: 12-11-12 Time: 08:43-04:50
Level I Analyst: _____ Date: _____ Time: _____

Level II Reviewer: Karen Klouts Date: 12-11-12 Time: 08:43-04:50
Level II Reviewer: _____ Date: _____ Time: _____

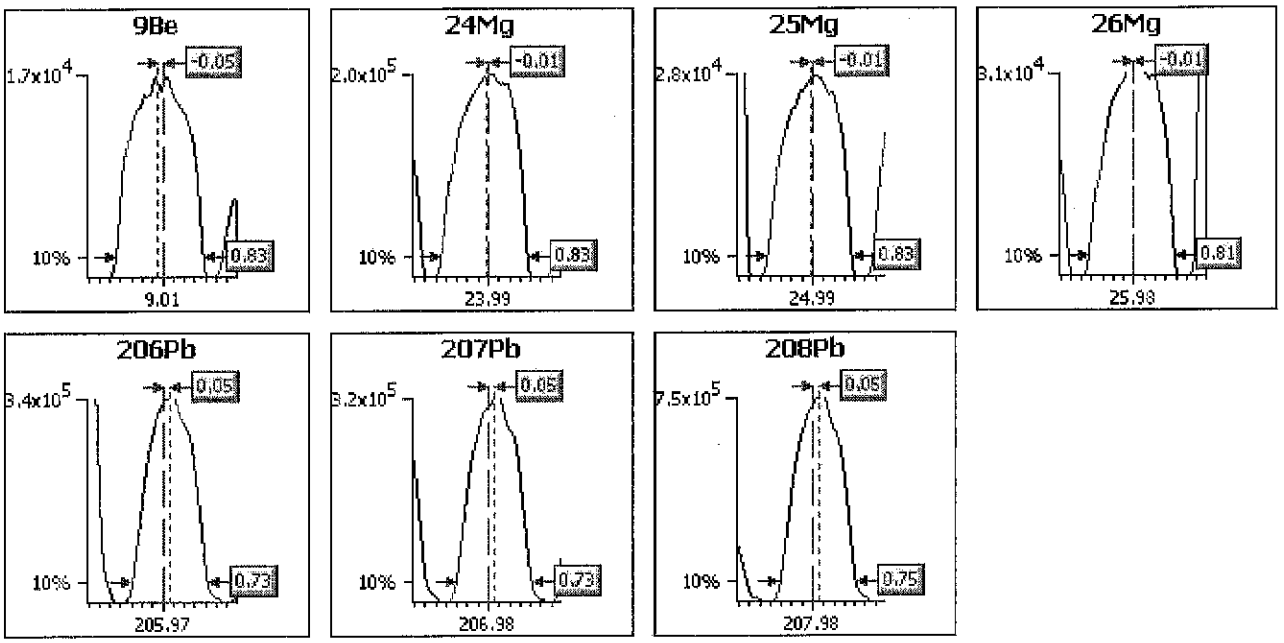
Comments: Pb using Ho only; W+Tl using Ho and Bi

Performance Report

Sample details
Acquired at : 12/10/2012 08:09:24
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Mass Calibration verification

Acquisition parameters
Sweeps : 10
Dwell : 5.0 mSecs
Point spacing : 0.02 amu
Peak width measured at 10% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.83	-0.05
24Mg	0.85	0.65	0.10	0.83	-0.01
25Mg	0.85	0.65	0.10	0.83	-0.01
26Mg	0.85	0.65	0.10	0.81	-0.01
206Pb	0.85	0.65	0.10	0.73	0.05
207Pb	0.85	0.65	0.10	0.73	0.05
208Pb	0.85	0.65	0.10	0.75	0.05

Sample details
Acquired at : 12/10/2012 08:09:24
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Tune conditions

Major	
Extraction	-86.3
Lens 1	-1153
Lens 2	-80.0
Focus	11.8
D1	-42.4
D2	-140
Pole Bias	-1.0
Hexapole Bias	-4.0
Nebuliser	0.81

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	53
Vertical	600
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	130

Global	
Standard resolution	130
High resolution	130
Analogue Detector	2000
PC Detector	3225

Add. Gases	
He_H2	0.00
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	137Ba++	101Bkg	115In
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0	10.0
Limits	%RSD	-	5.0%	-	5.0%	-	5.0%	-	-	5.0%
	Countrate	-	>8000	>10000	>10000	>10000	>100000	-	-	>300000
1	08:09:59	0.000	15880.896	201747.04	27165.454	32828.967	251357.90	992.252	0.000	720466.02
2	08:10:17	0.000	15864.213	200380.71	26688.017	32194.398	248390.58	992.252	0.667	721589.77
3	08:10:35	0.333	15870.886	201298.33	27329.055	32167.680	250498.44	897.802	0.000	729002.10
4	08:10:53	0.000	16177.848	201136.40	26754.791	33066.102	248972.50	911.136	0.333	727634.23
5	08:11:10	0.000	16131.136	199770.11	26935.081	32060.807	249743.91	937.804	0.000	725483.45
x		0.067	15984.996	200866.52	26974.479	32463.591	249792.67	946.249	0.200	724835.11
σ		0.15	155.72	786.25	271.14	452.43	1182.05	44.40	0.30	3716.20
%RSD		223.607	0.974	0.391	1.005	1.394	0.473	4.692	149.071	0.513

Run	Time	137Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	-	-	-	-	5.0%	-
	Countrate	-	-	-	>100000	>100000	>100000	<30
1	08:09:59	88182.670	718013.51	19069.792	331290.19	304391.13	729346.70	0.000
2	08:10:17	87016.565	723312.06	18920.734	333527.49	305552.09	723534.76	0.000
3	08:10:35	88571.390	715356.16	18909.610	338254.67	307833.50	730046.35	0.000
4	08:10:53	89023.790	718375.28	19363.464	336625.51	305752.38	728218.96	0.000
5	08:11:10	87378.451	710261.74	19681.614	335139.34	306034.15	728062.33	0.000
x		88034.573	717063.75	19189.043	334967.44	305912.65	727841.82	0.000
σ		829.98	4765.68	330.66	2700.94	1242.49	2542.95	0.00
%RSD		0.943	0.665	1.723	0.806	0.406	0.349	0.000

Ratio results

Run	Time	137Ba++/137Ba	156Ce O/140Ce
Ratio limits		<0.0300	<0.0300
1	08:09:59	0.011	0.027
2	08:10:17	0.011	0.026
3	08:10:35	0.010	0.026
4	08:10:53	0.010	0.027
5	08:11:10	0.011	0.028
x		0.0108	0.0268
σ		0.00	0.00
%RSD		5.3446	2.2493

Result : The performance report passed.

Performance Report

Sample details
Acquired at : 12/10/2012 08:19:34
Report name : CCT MODE PERF REPORT [5/20/2011 11:37:05]

Tune conditions

Major	
Extraction	-86.3
Lens 1	-1153
Lens 2	-80.0
Focus	-4.1
D1	-52.5
D2	-140
Pole Bias	-14.0
Hexapole Bias	-17.0
Nebuliser	0.81

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	53
Vertical	600
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	130

Global	
Standard resolution	130
High resolution	130
Analogue Detector	2000
PC Detector	3225

Add. Gases	
He_H2	3.96
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	78Se	115In
	Dwell (mSecs)	100.0	10.0
Limits	%RSD		5.0%
	Countrate	<20	>75000
1	08:19:35	16.333	84141.861
2	08:19:40	18.000	85012.931
3	08:19:46	19.000	84235.666
4	08:19:50	18.000	84326.122
5	08:19:56	20.333	85016.281
x		18.333	84546.572
σ		1.47	432.19
%RSD		8.029	0.511

Result : The performance report passed.

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020 QSM DoD 4.2.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	12/11/2012 06:43:24
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

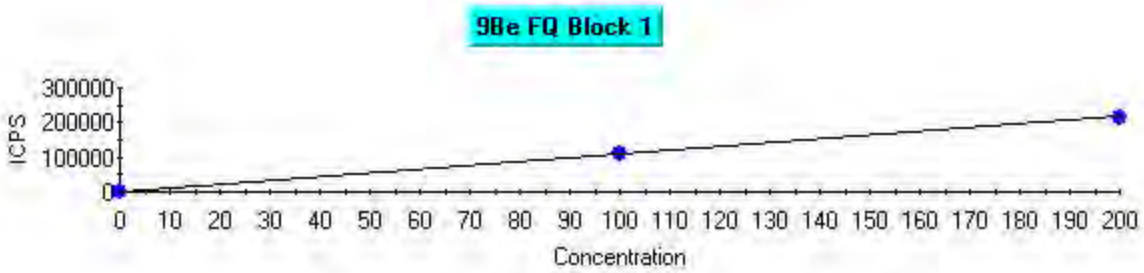
Column headings
- No flag
- Semi Quant
- Standard Addition
- Multi Element

Result cells
- Internal Standard
- Excluded
- QC Warning
- QC Failure

Transient TRA only:
- Peak Not Found
- Manually Edited
- Merged Peak

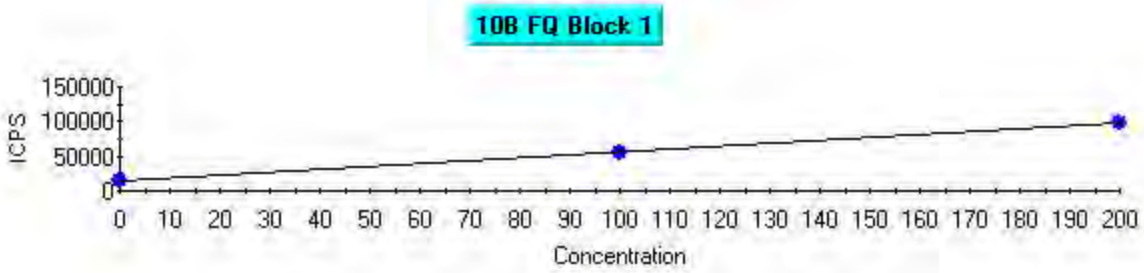
Data warning flags
I - Invalid calibration
T - Tripped
F - Interference correction failed
M - Result over max
V - Valley integration failed
D - Different method used

Fully Quant Calibration



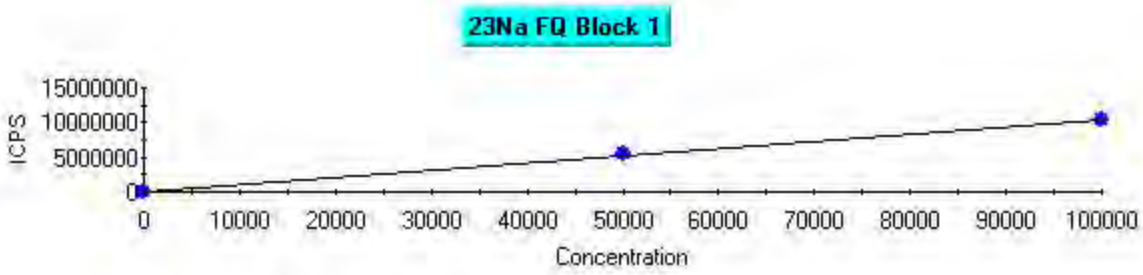
Intercept CPS=7.782935 Intercept Conc=0.007166
Sensitivity=1086.037707 Correlation Coeff=0.999912

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	7.78	0.00
STD2-761715,	100.000	101.827	1.827	110596.27	1.83
STD3-726967,	200.000	199.086	0.914	216222.97	0.46



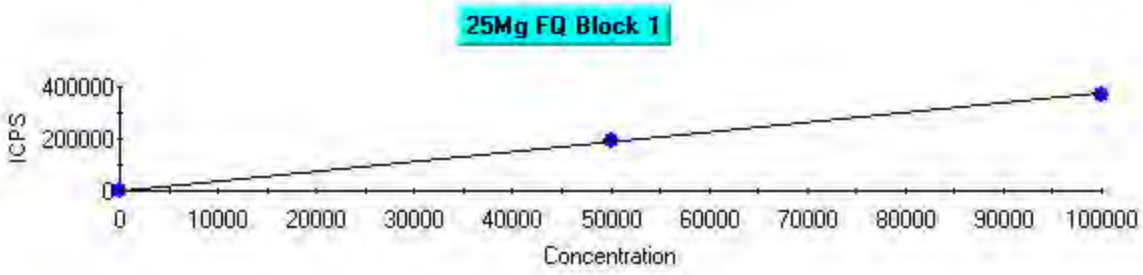
Intercept CPS=13250.076824 Intercept Conc=31.124855
Sensitivity=425.707269 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	13250.08	0.00
STD2-761715,	100.000	100.064	0.064	55847.93	0.06
STD4-664981,	200.000	199.968	0.032	98377.97	0.02



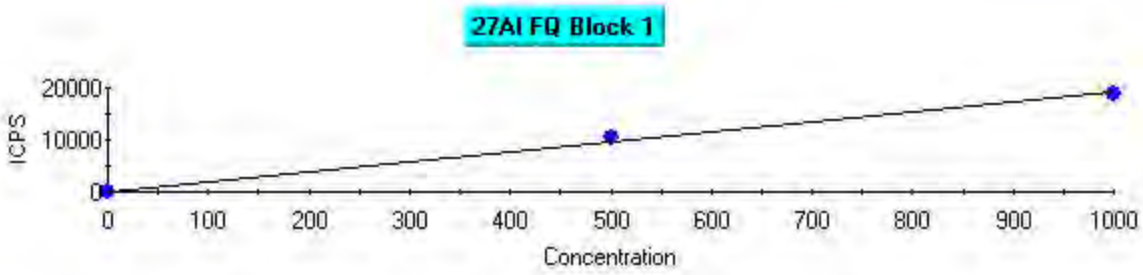
Intercept CPS=1667.221251 Intercept Conc=15.884810
Sensitivity=104.956954 Correlation Coeff=0.999852

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1667.22	0.00
STD2-761715,	50000.000	51184.270	1184.270	5373812.35	2.37
STD3-726967,	100000.000	99407.865	592.135	10435213.94	0.59



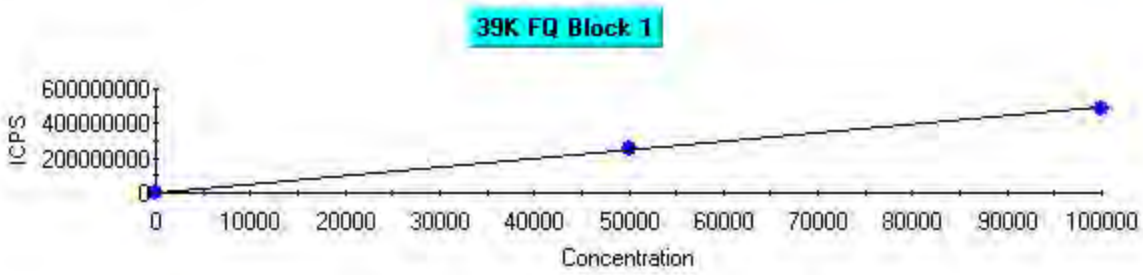
Intercept CPS=1.120752 Intercept Conc=0.298088
Sensitivity=3.759804 Correlation Coeff=0.999713

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1.12	0.00
STD2-761715,	50000.000	51647.852	1647.852	194186.91	3.30
STD3-726967,	100000.000	99176.074	823.926	372883.69	0.82



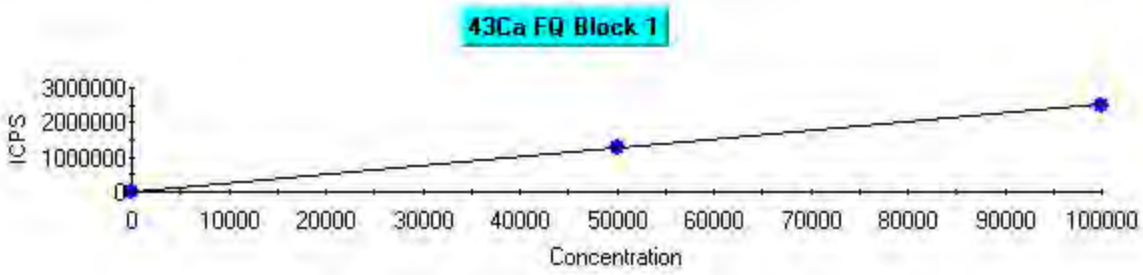
Intercept CPS=105.638124 Intercept Conc=5.515909
Sensitivity=19.151536 Correlation Coeff=0.998822

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	105.64	0.00
STD2-761715,	500.000	533.097	33.097	10315.26	6.62
STD3-726967,	1000.000	983.452	16.548	18940.25	1.65



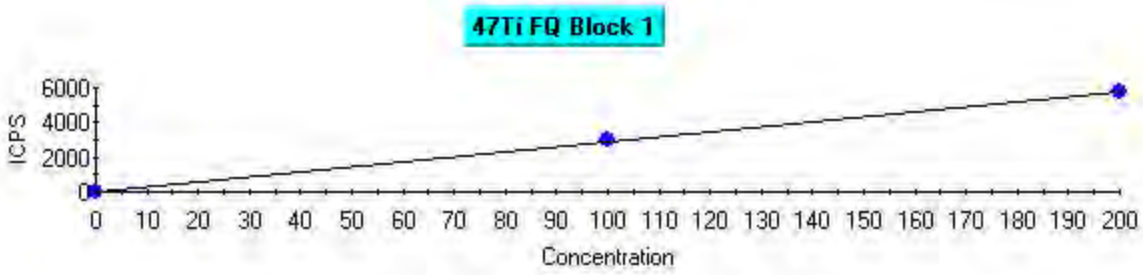
Intercept CPS=282689.873059 Intercept Conc=57.373361
Sensitivity=4927.197332 Correlation Coeff=0.999796

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	282689.87	0.00
STD2-761715,	50000.000	51389.343	1389.343	253488123.64	2.78
STD3-726967,	100000.000	99305.328	694.672	489579639.53	0.69



Intercept CPS=1214.074495 Intercept Conc=48.148629
Sensitivity=25.215142 Correlation Coeff=0.999811

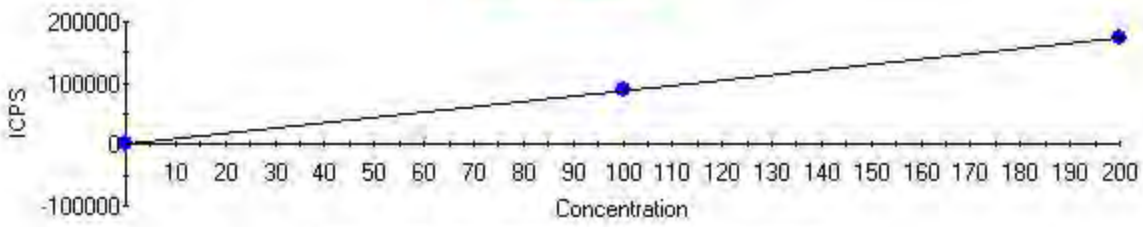
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1214.07	0.00
STD2-761715,	50000.000	51336.461	1336.461	1295670.20	2.67
STD3-726967,	100000.000	99331.770	668.230	2505878.71	0.67



Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=29.000714 Correlation Coeff=0.999601

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	0.00	0.00
STD2-761715,	100.000	103.877	3.877	3012.51	3.88
STD4-664981,	200.000	198.061	1.939	5743.92	0.97

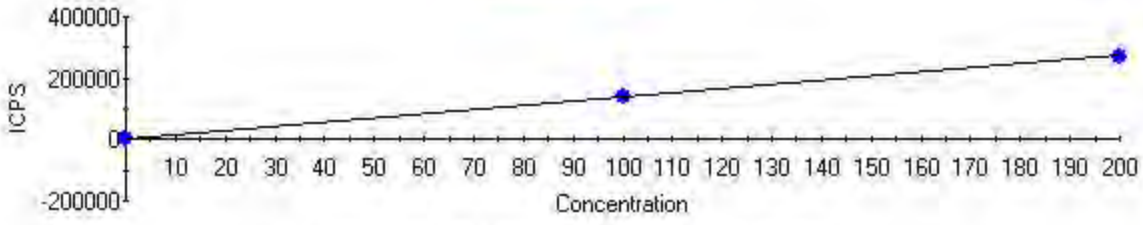
51V FQ Block 1



Intercept CPS=-111.793639 Intercept Conc=-0.127920
Sensitivity=873.933348 Correlation Coeff=0.999978

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-111.79	0.00
STD2-761715,	100.000	100.924	0.924	88089.06	0.92
STD3-726967,	200.000	199.538	0.462	174271.12	0.23

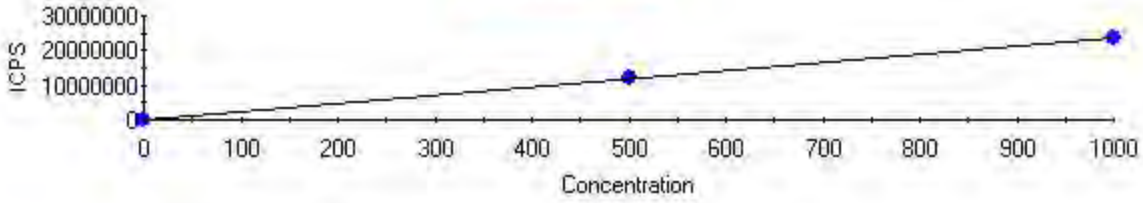
52Cr FQ Block 1



Intercept CPS=-150.635510 Intercept Conc=-0.109717
Sensitivity=1372.948669 Correlation Coeff=0.999846

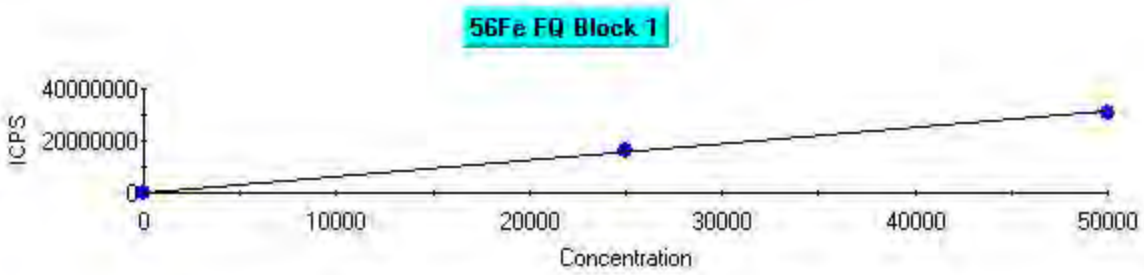
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-150.64	0.00
STD2-761715,	100.000	102.418	2.418	140464.15	2.42
STD3-726967,	200.000	198.791	1.209	272779.14	0.60

55Mn FQ Block 1



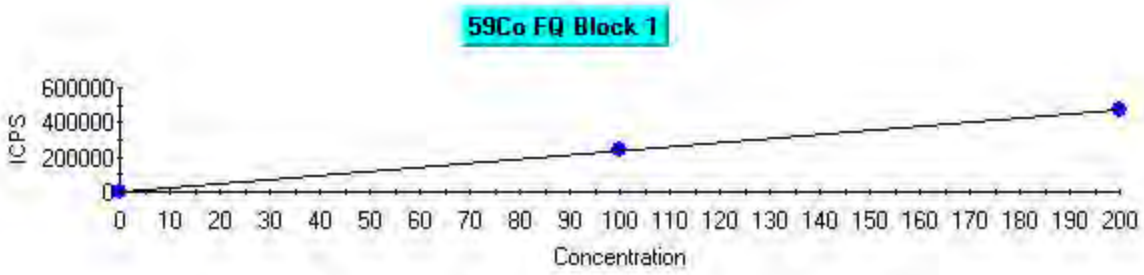
Intercept CPS=6444.885918 Intercept Conc=0.274256
Sensitivity=23499.497273 Correlation Coeff=0.999872

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	6444.89	0.00
STD2-761715,	500.000	511.030	11.030	12015395.36	2.21
STD3-726967,	1000.000	994.485	5.515	23376341.24	0.55



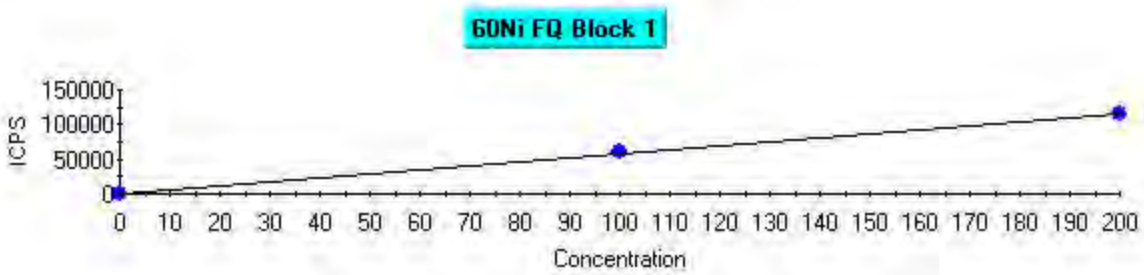
Intercept CPS=2956.424401 Intercept Conc=4.723018
Sensitivity=625.960864 Correlation Coeff=0.999773

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	2956.42	0.00
STD2-761715,	25000.000	25733.488	733.488	16111112.68	2.93
STD3-726967,	50000.000	49633.256	366.744	31071432.29	0.73



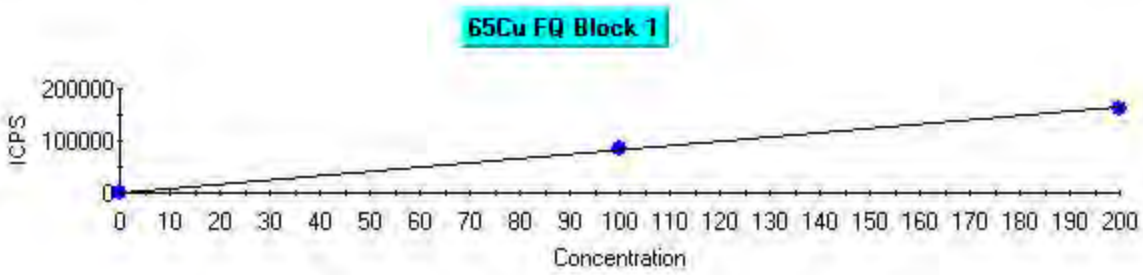
Intercept CPS=28.896313 Intercept Conc=0.012220
Sensitivity=2364.579980 Correlation Coeff=0.999831

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	28.90	0.00
STD2-761715,	100.000	102.529	2.529	242467.55	2.53
STD3-726967,	200.000	198.735	1.265	469954.57	0.63



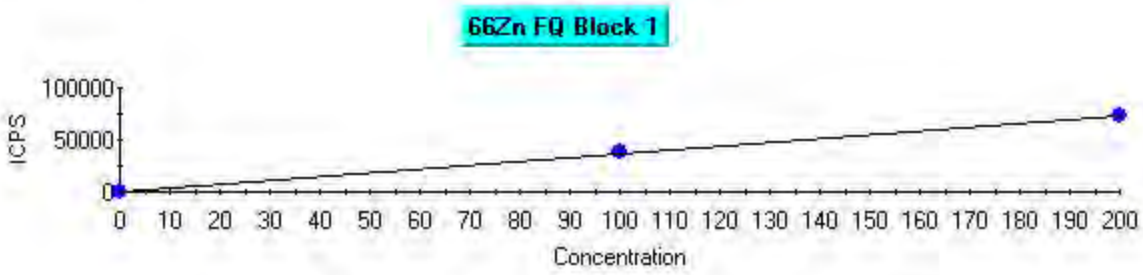
Intercept CPS=31.122694 Intercept Conc=0.053346
Sensitivity=583.408930 Correlation Coeff=0.999660

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	31.12	0.00
STD2-761715,	100.000	103.580	3.580	60460.85	3.58
STD3-726967,	200.000	198.210	1.790	115668.49	0.90



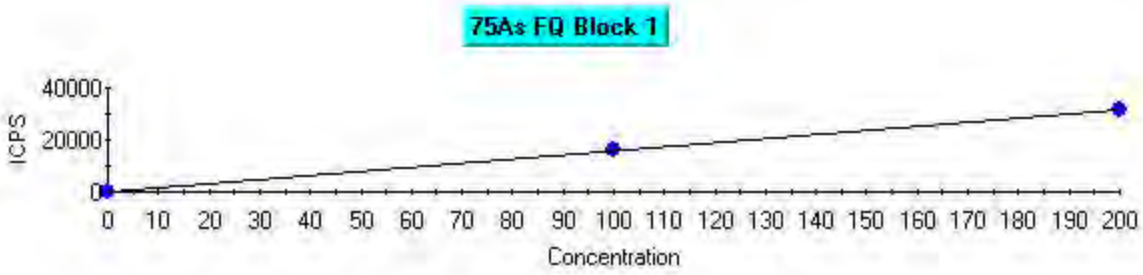
Intercept CPS=127.857483 Intercept Conc=0.155497
Sensitivity=822.251356 Correlation Coeff=0.999511

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	127.86	0.00
STD2-761715,	100.000	104.286	4.286	85877.46	4.29
STD3-726967,	200.000	197.857	2.143	162815.90	1.07



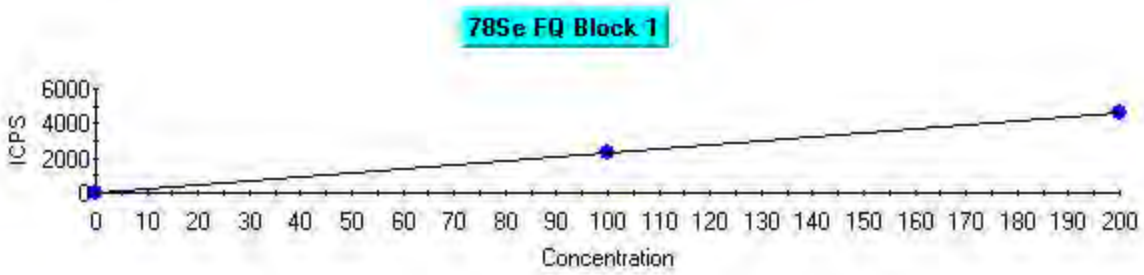
Intercept CPS=652.348014 Intercept Conc=1.787838
Sensitivity=364.880901 Correlation Coeff=0.999618

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	652.35	0.00
STD2-761715,	100.000	103.793	3.793	38524.61	3.79
STD3-726967,	200.000	198.103	1.897	72936.44	0.95



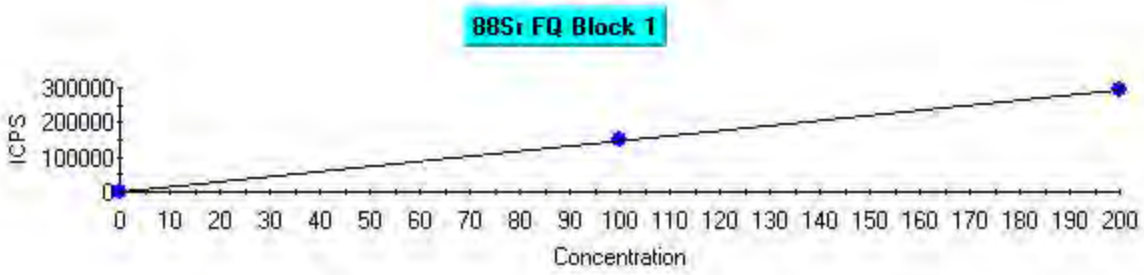
Intercept CPS=200.023867 Intercept Conc=1.266936
Sensitivity=157.879961 Correlation Coeff=0.999956

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	200.02	0.00
STD2-761715,	100.000	101.290	1.290	16191.72	1.29
STD3-726967,	200.000	199.355	0.645	31674.17	0.32



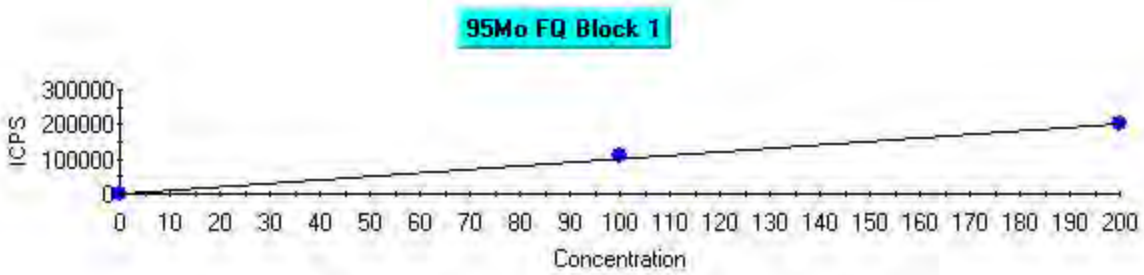
Intercept CPS=3.215960 Intercept Conc=0.138049
Sensitivity=23.295865 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	3.22	0.00
STD2-761715,	100.000	100.388	0.388	2341.83	0.39
STD3-726967,	200.000	199.806	0.194	4657.87	0.10



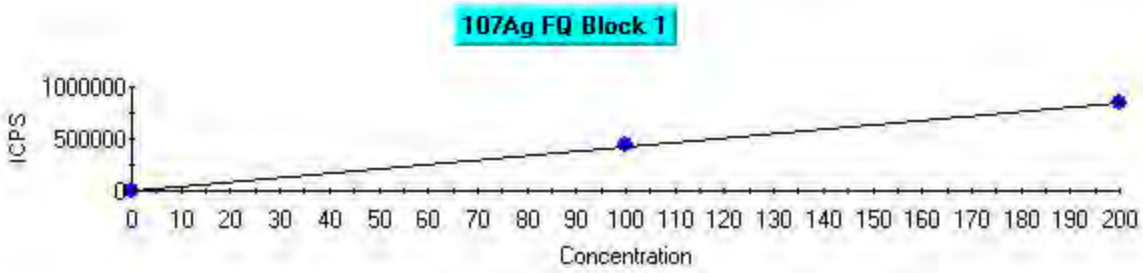
Intercept CPS=108.900594 Intercept Conc=0.073481
Sensitivity=1482.022407 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	108.90	0.00
STD2-761715,	100.000	100.039	0.039	148368.66	0.04
STD3-726967,	200.000	199.981	0.019	296484.62	0.01



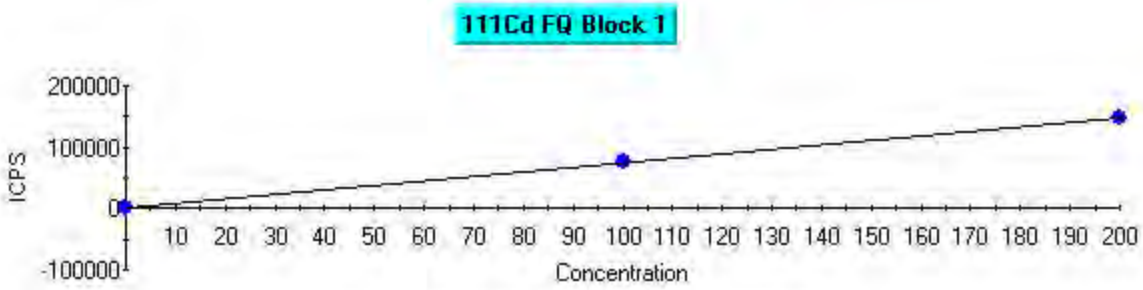
Intercept CPS=594.414930 Intercept Conc=0.587316
Sensitivity=1012.087454 Correlation Coeff=0.998877

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	594.41	0.00
STD2-761715,	100.000	106.467	6.467	108348.72	6.47
STD4-664981,	200.000	196.766	3.234	199739.13	1.62



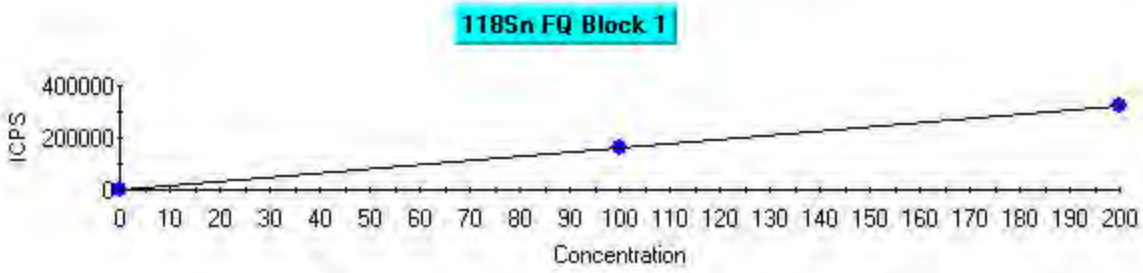
Intercept CPS=19.998912 Intercept Conc=0.004678
Sensitivity=4275.080558 Correlation Coeff=0.999601

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	20.00	0.00
STD2-761715,	100.000	103.876	3.876	444099.12	3.88
STD3-726967,	200.000	198.062	1.938	846750.58	0.97



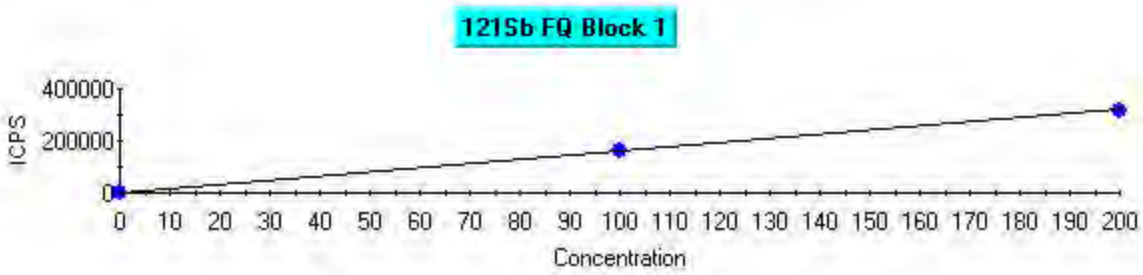
Intercept CPS=4.137145 Intercept Conc=0.005540
Sensitivity=746.838925 Correlation Coeff=0.999575

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	4.14	0.00
STD2-761715,	100.000	104.003	4.003	77677.52	4.00
STD3-726967,	200.000	197.999	2.001	147877.18	1.00



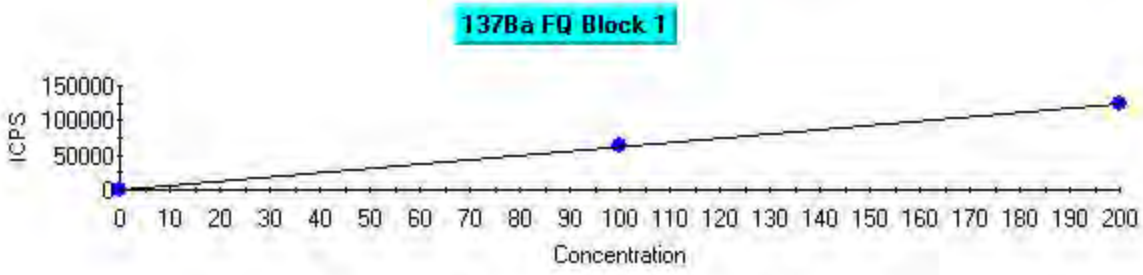
Intercept CPS=147.800120 Intercept Conc=0.091887
Sensitivity=1608.491662 Correlation Coeff=0.999941

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	147.80	0.00
STD2-761715,	100.000	101.496	1.496	163402.70	1.50
STD4-664981,	200.000	199.252	0.748	320643.27	0.37



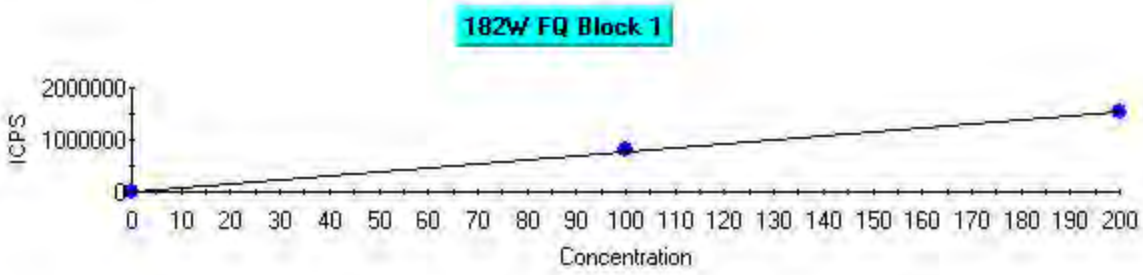
Intercept CPS=61.101044 Intercept Conc=0.038269
Sensitivity=1596.638860 Correlation Coeff=0.999951

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	61.10	0.00
STD2-761715,	100.000	101.363	1.363	161901.82	1.36
STD4-664981,	200.000	199.318	0.682	318300.46	0.34



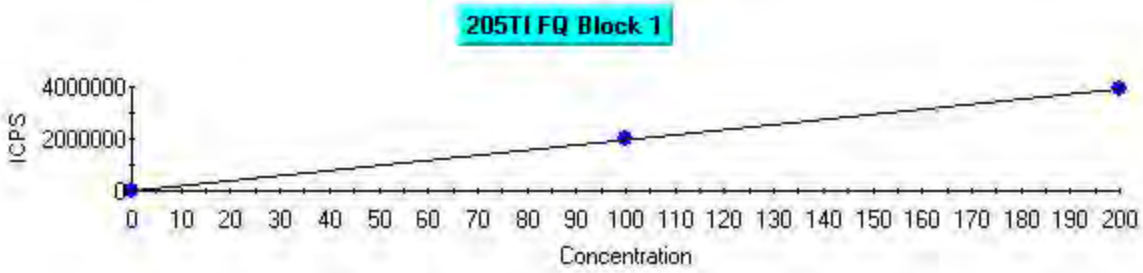
Intercept CPS=102.211579 Intercept Conc=0.163438
Sensitivity=625.384825 Correlation Coeff=0.999957

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	102.21	0.00
STD2-761715,	100.000	101.278	1.278	63440.08	1.28
STD3-726967,	200.000	199.361	0.639	124779.48	0.32



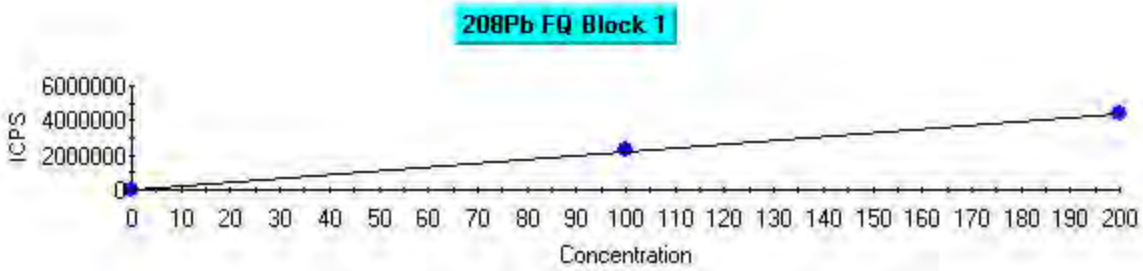
Intercept CPS=255.640849 Intercept Conc=0.032915
Sensitivity=7766.658402 Correlation Coeff=0.999184

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	255.64	0.00
STD2-761715,	100.000	105.524	5.524	819826.36	5.52
STD4-664981,	200.000	197.238	2.762	1532134.88	1.38



Intercept CPS=792.779850 Intercept Conc=0.040115
Sensitivity=19762.565718 Correlation Coeff=0.999786

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	792.78	0.00
STD2-761715,	100.000	102.848	2.848	2033326.41	2.85
STD3-726967,	200.000	198.576	1.424	3925167.39	0.71



Intercept CPS=985.850973 Intercept Conc=0.045011
Sensitivity=21902.370585 Correlation Coeff=0.999594

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	985.85	0.00
STD2-761715,	100.000	103.913	3.913	2276934.59	3.91
STD3-726967,	200.000	198.043	1.957	4338604.13	0.98

Dilution Corrected Concentrations

ICISM=6020 12/10/2012 08:43:58

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.000%	0.000	-0.000
%RSD		0.201	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 100.000%	100.000%	0.000
%RSD		T 0.799	1.194	0.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		100.000%	0.000	-0.000
%RSD		0.266	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		-0.000	100.000%	0.000
%RSD		0.000	0.420	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.000%	0.000	-0.000
%RSD		0.668	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.000	100.000%	
%RSD		0.000	0.522	

STD2-761715, 12/10/2012 08:48:50

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.455%	101.800	100.100
%RSD		0.428	0.425	0.357
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 51180.000	51650.000	533.100
%RSD		T 1.094	1.583	1.319
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 51390.000	51340.000
%RSD		0.000	T 0.387	0.188
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.897%	90.191%	103.900
%RSD		T 0.656	1.351	5.303
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.900	102.400	4.507
%RSD		0.229	0.515	29.210
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 511.000	T 25730.000	102.500
%RSD		T 0.084	T 0.247	0.549
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.600	104.300	103.800
%RSD		0.938	1.187	1.251
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.229%	101.300	-0.532
%RSD		0.304	0.413	17.880
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.400	100.000	106.500
%RSD		2.065	0.643	0.282
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.900	19.950
%RSD		0.000	0.598	243.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.000	90.284%	101.500
%RSD		1.582	0.957	0.570
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.400	101.300	0.000
%RSD		0.068	0.506	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.218%	105.500	102.800
%RSD		0.915	0.265	0.417
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		103.900	85.550%	
%RSD		0.193	1.134	

STD3-726967, 12/10/2012 08:55:59

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.858%	199.100	-2.062
%RSD		0.052	0.184	20.740
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 99410.000	M 99180.000	M 983.500
%RSD		TM 1.574	M 0.961	M 2.509
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	TM 99310.000	99330.000
%RSD		0.000	TM 0.977	0.572
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 82.504%	86.468%	0.397
%RSD		T 0.501	2.330	86.360
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 199.500	198.800	12.020
%RSD		M 0.490	0.698	10.710
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 994.500	T 49630.000	M 198.700
%RSD		T 0.302	T 0.850	M 0.781
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 198.200	197.900	M 198.100
%RSD		M 1.197	0.583	M 0.929
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.274%	M 199.400	-0.700
%RSD		0.484	M 1.019	18.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 199.800	M 200.000	0.603
%RSD		M 1.650	M 0.462	20.490
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	198.100	114.400
%RSD		0.000	0.491	13.430
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 198.000	86.276%	0.206
%RSD		M 0.910	1.340	16.830
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.231	M 199.400	0.000
%RSD		6.670	M 0.567	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.201%	0.575	T 198.600
%RSD		1.155	14.320	T 0.520
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		198.000	79.609%	
%RSD		0.222	1.399	

STD4-664981, 12/10/2012 09:03:08

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.638%	0.087	M 200.000
%RSD		0.726	2.258	M 1.769
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		42.610	39.200	3.294
%RSD		2.953	17.090	84.850
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	48.900	58.350
%RSD		0.000	1.690	4.301
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 82.829%	85.364%	M 198.100
%RSD		T 0.326	1.747	M 2.683
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.188	0.139	-4.372
%RSD		97.420	13.600	4.954
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.787	34.470	0.079
%RSD		1.523	6.637	34.050
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.397	0.338	2.702
%RSD		31.720	21.570	9.989
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		86.942%	0.044	0.101
%RSD		0.626	309.400	37.780
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.139	0.062	196.800
%RSD		80.480	8.893	0.710
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.106	10.380
%RSD		0.000	13.110	34.490
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.011	90.382%	M 199.300
%RSD		315.600	1.344	M 0.848
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		M 199.300	0.093	0.000
%RSD		M 0.769	22.610	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		93.152%	197.200	0.618
%RSD		1.111	0.381	6.562
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.114	95.013%	
%RSD		1.597	0.960	

ICV-665060, 12/10/2012 09:08:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.921%	102.314%	97.672%
%RSD		0.161	0.425	2.091
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 101.596%	101.377%	99.804%
%RSD		┬0.892	1.809	1.323
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 100.796%	101.192%
%RSD		0.000	┬0.332	0.066
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬84.007%	86.571%	99.909%
%RSD		┬0.333	0.159	3.663
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.046%	101.844%	1.071
%RSD		0.852	0.277	110.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 103.190%	┬ 101.540%	101.215%
%RSD		┬0.223	┬0.671	0.155
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.989%	104.272%	106.044%
%RSD		0.329	0.585	1.439
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.689%	101.228%	-0.194
%RSD		0.650	0.895	60.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.234%	96.508%	104.075%
%RSD		2.236	0.440	0.474
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.297%	83.170
%RSD		0.000	0.053	42.040
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.767%	87.753%	100.133%
%RSD		0.447	0.915	0.916
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.672%	100.570%	0.000
%RSD		0.497	1.365	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.345%	105.636%	102.837%
%RSD		1.314	0.269	0.396
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		104.804%	86.149%	
%RSD		0.684	0.898	

ICB 12/10/2012 09:15:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.427%	0.045	-4.053
%RSD		0.179	23.740	17.290
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		19.070	22.430	5.041
%RSD		6.611	12.520	60.250
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	7.567	38.340
%RSD		0.000	14.890	16.470
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 82.997%	85.716%	0.357
%RSD		T 0.111	1.430	20.480
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.100	0.026	-4.674
%RSD		252.600	52.510	5.620
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.636	15.540	0.040
%RSD		3.602	12.960	17.650
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.079	0.068	0.696
%RSD		56.740	85.090	20.260
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		86.595%	-0.044	-0.018
%RSD		1.311	202.400	247.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		-0.021	0.379	0.417
%RSD		556.800	17.580	28.120
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.007	-0.577
%RSD		0.000	41.370	211.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.038	90.498%	0.105
%RSD		51.360	0.488	24.610
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.112	0.067	0.000
%RSD		4.421	39.590	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		93.104%	0.678	0.419
%RSD		1.302	10.840	5.233
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.272	94.514%	
%RSD		5.451	0.429	

CRI-751770, 12/10/2012 09:20:16 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.032%	107.499%	47.118%
%RSD		0.159	4.822	15.550
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		100.953%	109.640%	95.727%
%RSD		1.282	1.785	3.146
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 101.265%	100.205%
%RSD		0.000	T 0.263	1.964
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.646%	88.380%	106.139%
%RSD		T 0.432	1.277	7.053
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.091%	102.221%	-4.188
%RSD		3.520	3.789	8.068
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		117.023%	121.268%	105.232%
%RSD		2.199	3.060	3.858
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.582%	115.652%	110.395%
%RSD		4.311	4.820	3.445
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.555%	95.088%	-0.142
%RSD		0.672	11.850	42.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		97.144%	91.262%	100.162%
%RSD		9.810	1.271	0.532
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	120.400%	6.156
%RSD		0.000	6.848	103.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.364%	91.879%	102.016%
%RSD		8.957	1.124	0.842
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.780%	108.371%	0.000
%RSD		4.031	4.938	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.566%	99.681%	119.057%
%RSD		0.658	1.464	1.286
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		112.559%	95.907%	
%RSD		0.087	0.710	

ICSA-726956, 12/10/2012 09:26:46 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.936%	0.002	-4.104
%RSD		0.445	284.400	13.190
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50500.000	50070.000	M 49820.000
%RSD		T 1.031	1.242	M 0.714
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 50330.000	51120.000
%RSD		0.000	T 0.453	0.319
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 78.624%	84.648%	M 1018.000
%RSD		T 0.442	2.011	M 0.274
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.067	0.562	-2.963
%RSD		76.760	4.519	10.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.068	TM 50240.000	0.040
%RSD		5.274	TM 0.553	32.120
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.309	0.202	0.849
%RSD		9.592	21.810	30.830
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.952%	0.131	-0.211
%RSD		1.649	135.100	30.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.031	0.099	M 1003.000
%RSD		149.800	23.690	M 1.041
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.040	62.250
%RSD		0.000	17.640	10.130
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.022	86.934%	0.086
%RSD		157.400	1.100	5.934
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.170	0.029	0.000
%RSD		6.394	70.730	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.958%	0.312	0.168
%RSD		1.657	7.463	3.475
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.155	84.385%	
%RSD		5.537	1.623	

ICSAB-723527, 12/10/2012 09:31:47 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.207%	101.008%	92.918%
%RSD		0.247	0.548	1.135
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.002%	100.227%	M 99.861%
%RSD		T 0.145	0.643	M 0.617
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 102.099%	102.527%
%RSD		0.000	T 0.080	0.235
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 79.113%	85.225%	M 102.118%
%RSD		T 0.809	0.923	M 1.306
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.284%	101.479%	6.226
%RSD		0.693	0.339	17.020
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		100.409%	TM 101.907%	100.605%
%RSD		0.387	TM 0.400	0.806
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.459%	102.498%	104.612%
%RSD		1.418	0.853	1.917
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.000%	100.271%	-0.240
%RSD		0.751	1.112	102.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.400%	96.987%	M 1122.000
%RSD		1.051	0.710	M 1.193
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.151%	171.000
%RSD		0.000	0.621	10.650
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.385%	87.354%	101.923%
%RSD		1.628	0.721	1.313
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.491%	102.542%	0.000
%RSD		1.315	1.016	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		93.035%	103.789%	103.157%
%RSD		1.202	0.780	0.449
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.605%	86.345%	
%RSD		0.202	1.182	

CCV 12/10/2012 09:38:58 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.179%	101.876%	95.446%
%RSD		0.440	0.529	1.426
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 102.040%	100.981%	105.270%
%RSD		┬ 0.809	0.519	3.414
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	┬ 100.713%	102.075%
%RSD		0.000	┬ 0.191	0.399
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬ 84.110%	87.787%	103.467%
%RSD		┬ 0.718	0.920	4.256
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		99.251%	101.714%	5.252
%RSD		0.998	0.433	19.330
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 103.254%	┬ 102.301%	102.207%
%RSD		┬ 0.245	┬ 0.228	1.173
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		103.138%	103.246%	104.220%
%RSD		0.672	1.230	0.849
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		84.869%	101.146%	-0.444
%RSD		1.114	0.709	33.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.811%	100.385%	115.989%
%RSD		1.544	0.897	1.323
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	103.587%	71.510
%RSD		0.000	0.463	34.560
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		103.001%	88.589%	101.274%
%RSD		0.150	0.424	1.283
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		102.279%	101.522%	0.000
%RSD		0.302	0.477	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		94.551%	106.340%	103.507%
%RSD		1.134	0.534	0.324
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		104.689%	86.462%	
%RSD		0.394	1.094	

CCB 12/10/2012 09:46:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.059%	0.046	-7.096
%RSD		0.578	21.340	5.115
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23.100	26.430	6.265
%RSD		9.057	0.677	50.930
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	11.800	40.610
%RSD		0.000	0.311	10.280
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.311%	86.255%	0.356
%RSD		T 0.629	0.668	43.960
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.096	0.042	-4.647
%RSD		169.600	29.880	2.412
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.647	19.040	0.045
%RSD		1.352	6.702	40.560
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.094	0.119	0.509
%RSD		49.730	35.870	26.700
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.008%	-0.079	-0.033
%RSD		0.439	88.630	246.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.023	0.343	2.170
%RSD		379.600	4.631	4.731
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.018	0.081
%RSD		0.000	25.810	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.024	91.505%	0.105
%RSD		85.690	0.597	22.410
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.174	0.097	0.000
%RSD		16.500	52.810	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.084%	0.743	0.514
%RSD		1.208	11.270	6.685
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.269	95.676%	
%RSD		3.381	0.862	

2XLCS 12/10/2012 09:51:04 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.670%	M 2060.000	191.900
%RSD		0.276	M 0.259	1.001
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		19910.000	21030.000	M 20360.000
%RSD		0.536	2.270	M 0.279
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 20450.000	21020.000
%RSD		0.000	T 0.373	0.250
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 82.809%	88.551%	M 205.900
%RSD		T 0.761	0.552	M 2.461
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 1972.000	M 2047.000	195.000
%RSD		M 0.221	M 0.253	2.121
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2109.000	T 20570.000	TM 1824.000
%RSD		TM 0.154	T 0.532	TM 0.217
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 2042.000	M 2073.000	M 2118.000
%RSD		M 0.300	M 0.173	M 0.453
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.798%	M 2016.000	-7.358
%RSD		0.550	M 0.267	10.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 2038.000	M 1909.000	M 200.400
%RSD		M 0.317	M 0.241	M 1.276
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 209.400	1414.000
%RSD		0.000	M 0.384	12.110
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 2076.000	92.343%	M 202.100
%RSD		M 0.344	0.958	M 0.209
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 201.700	M 2024.000	0.000
%RSD		M 0.427	M 0.228	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.698%	M 201.000	TM 484.000
%RSD		0.860	M 0.790	TM 0.483
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2033.000	93.190%	
%RSD		TM 0.269	0.691	

QSM HIGH 12/10/2012 09:58:17 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.205%	0.817	-6.580
%RSD		0.795	1.298	6.416
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23.660	23.640	TM 291400.000
%RSD		2.569	24.570	TM 0.338
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	43.790	TM 312900.000
%RSD		T 0.000	2.120	TM 0.176
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 79.076%	96.170%	1.523
%RSD		T 0.816	1.502	33.450
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		TM 4943.000	TM 4903.000	639.800
%RSD		TM 0.403	TM 0.527	2.381
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5277.000	TM 315800.000	TM 4469.000
%RSD		TM 0.207	TM 0.133	TM 0.784
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 4790.000	TM 4316.000	M 4516.000
%RSD		M 0.482	TM 0.800	M 0.709
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.224%	M 4869.000	-0.271
%RSD		2.022	M 0.182	12.430
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.127	2.572	1.854
%RSD		11.500	2.880	4.276
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.131	-1.471
%RSD		0.000	7.165	710.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.914	99.075%	0.549
%RSD		11.120	1.205	9.554
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.425	TM 4907.000	0.000
%RSD		8.689	TM 0.451	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.482%	2.068	1.988
%RSD		1.469	9.428	2.992
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 5206.000	86.434%	
%RSD		TM 0.163	1.264	

BLANK 12/10/2012 10:05:30 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.766%	0.022	-10.280
%RSD		0.554	40.760	2.201
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-0.950	2.936	35.740
%RSD		21.430	92.420	31.090
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	-3.948	36.440
%RSD		0.000	5.804	10.990
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T97.339%	100.802%	0.038
%RSD		T0.605	0.686	173.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.855	0.681	-2.136
%RSD		14.300	36.190	29.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.370	57.540	0.735
%RSD		1.529	31.480	30.640
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.843	0.932	1.320
%RSD		35.600	38.690	7.350
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.461%	1.143	-0.045
%RSD		0.233	30.610	81.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.061	0.023	0.281
%RSD		159.300	116.300	29.890
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	0.671
%RSD		0.000	49.960	117.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.062	103.001%	0.162
%RSD		46.520	0.170	14.750
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.179	0.717	0.000
%RSD		14.930	29.520	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.769%	0.509	0.412
%RSD		0.476	4.387	4.348
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.898	106.438%	
%RSD		28.900	0.391	

CCV 12/10/2012 10:10:38 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.821%	100.425%	90.161%
%RSD		0.820	0.435	1.129
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 103.986%	103.874%	105.354%
%RSD		┬0.561	0.689	1.541
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	┬ 102.791%	102.169%
%RSD		0.000	┬0.336	0.481
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬85.968%	93.127%	103.723%
%RSD		┬0.489	0.540	2.107
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		99.464%	101.946%	4.979
%RSD		1.349	0.471	20.870
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 103.480%	┬ 102.988%	102.429%
%RSD		┬0.360	┬0.788	0.719
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		103.005%	104.756%	105.009%
%RSD		0.192	0.619	1.011
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.821%	101.403%	-0.419
%RSD		1.035	0.757	11.280
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		99.949%	99.327%	106.649%
%RSD		2.448	0.924	0.729
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	104.857%	48.160
%RSD		0.000	0.673	67.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		103.728%	93.259%	100.722%
%RSD		0.775	1.034	0.853
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		101.152%	100.782%	0.000
%RSD		0.144	0.847	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		99.853%	106.070%	103.139%
%RSD		1.016	0.312	0.352
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		105.199%	91.655%	
%RSD		0.385	1.369	

CCB 12/10/2012 10:17:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.735%	0.067	-10.200
%RSD		0.526	21.870	3.742
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		25.700	29.550	5.607
%RSD		1.475	9.163	22.950
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	17.220	46.300
%RSD		0.000	2.325	6.069
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 82.763%	87.080%	0.178
%RSD		T 0.219	1.646	86.600
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.130	0.053	-4.990
%RSD		140.500	48.910	5.444
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.727	21.950	0.070
%RSD		2.093	8.399	23.280
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.088	0.114	0.336
%RSD		13.020	31.300	57.140
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.571%	-0.040	-0.054
%RSD		1.103	103.300	25.050
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.102	0.364	0.277
%RSD		50.570	1.684	63.920
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.032	-0.274
%RSD		0.000	14.470	374.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.062	92.059%	0.103
%RSD		23.070	0.631	12.070
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.197	0.101	0.000
%RSD		17.720	68.140	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.639%	0.690	0.566
%RSD		0.340	10.000	5.597
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.278	99.271%	
%RSD		3.753	0.212	

mb 240-66568/1-a, 12/10/2012 10:22:52 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.980%	0.010	-9.747
%RSD		0.529	25.050	1.333
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		0.584	2.068	-2.863
%RSD		270.500	55.970	53.080
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	-3.601	34.490
%RSD		0.000	5.003	17.850
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬83.608%	87.127%	0.132
%RSD		┬0.456	1.129	100.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.072	0.104	-5.340
%RSD		84.200	28.510	2.635
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.255	4.141	0.006
%RSD		3.756	32.840	175.800
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.125	0.250	2.220
%RSD		62.750	17.950	15.080
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.146%	0.015	0.170
%RSD		0.693	881.900	20.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.008	-0.015	-0.099
%RSD		258.000	83.210	19.930
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	0.294
%RSD		0.000	74.480	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	92.680%	5.314
%RSD		186.100	0.312	1.344
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.083	-0.034	0.000
%RSD		28.420	1.955	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.412%	0.259	0.326
%RSD		0.789	3.943	4.145
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.061	100.341%	
%RSD		36.750	0.552	

Ics 240-66568/2-a, 12/10/2012 10:27:51 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.282%	M 987.900	86.580
%RSD		0.293	M 0.378	0.505
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		9827.000	10310.000	M 9863.000
%RSD		1.036	1.051	M 1.330
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 10010.000	10160.000
%RSD		0.000	T 0.546	0.729
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 85.334%	91.277%	97.700
%RSD		T 0.555	1.373	3.458
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 941.700	M 985.500	89.510
%RSD		M 0.509	M 0.727	5.043
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		TM 1017.000	T 9938.000	M 958.700
%RSD		TM 0.090	T 0.706	M 0.683
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 1005.000	M 1020.000	M 1030.000
%RSD		M 0.775	M 0.462	M 0.572
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		91.837%	M 960.300	-3.270
%RSD		0.814	M 0.852	15.950
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 965.100	M 898.400	96.690
%RSD		M 0.445	M 0.222	0.772
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	105.000	457.200
%RSD		0.000	0.461	38.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 1010.000	94.815%	98.030
%RSD		M 0.454	0.296	0.379
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		97.950	M 962.800	0.000
%RSD		1.048	M 0.314	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.689%	96.680	TM 228.600
%RSD		0.909	0.765	TM 0.458
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		TM 993.700	99.129%	
%RSD		TM 0.514	0.471	

240-17796 -a-20-b, 12/10/2012 10:35:00 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.800%	0.078	-10.560
%RSD		0.437	6.733	3.348
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		85.970	6.346	0.090
%RSD		1.993	24.140	747.500
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	-0.198	330.600
%RSD		0.000	233.200	1.932
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T87.678%	88.986%	0.129
%RSD		T0.363	0.262	0.270
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.194	0.604	-4.707
%RSD		138.300	4.540	6.110
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.482	39.340	0.032
%RSD		1.074	1.058	14.530
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		20.140	0.600	10.280
%RSD		2.481	15.490	1.754
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.334%	0.020	0.183
%RSD		0.766	625.700	13.690
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.167	0.105	0.185
%RSD		29.790	17.650	57.530
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.264
%RSD		0.000	56.240	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	94.317%	1.050
%RSD		39.490	0.494	4.711
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.336	0.085	0.000
%RSD		1.253	52.830	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.419%	0.791	0.752
%RSD		0.796	10.430	5.638
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.109	101.089%	
%RSD		4.519	0.330	

CCV 1 12/10/2012 10:42:10 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.461%	100.537%	89.284%
%RSD		0.500	0.374	0.889
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 103.124%	102.584%	106.013%
%RSD		┬ 1.125	1.235	2.268
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 101.049%	102.064%
%RSD		0.000	┬ 0.335	0.375
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬ 84.116%	89.950%	103.836%
%RSD		┬ 0.937	1.715	3.658
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.868%	102.119%	5.112
%RSD		1.278	1.241	14.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 103.376%	┬ 102.411%	102.622%
%RSD		┬ 0.356	┬ 0.482	0.547
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		104.224%	105.068%	105.219%
%RSD		0.592	1.435	0.567
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.808%	102.336%	-0.420
%RSD		0.694	1.262	20.540
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.200%	99.847%	106.098%
%RSD		1.713	0.552	1.224
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.303%	92.970
%RSD		0.000	0.343	19.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.013%	91.239%	101.573%
%RSD		0.405	0.924	0.340
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.071%	100.530%	0.000
%RSD		0.614	1.239	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.493%	106.385%	103.603%
%RSD		1.194	0.149	0.277
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.038%	89.202%	
%RSD		0.334	1.272	

CCB 1 12/10/2012 10:49:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.109%	0.081	-11.680
%RSD		0.178	4.979	5.055
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		34.690	41.390	8.901
%RSD		4.916	16.030	20.340
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	23.430	57.520
%RSD		0.000	3.231	6.972
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 82.991%	86.463%	0.132
%RSD		T 0.373	0.841	99.450
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.137	0.083	-5.248
%RSD		130.100	25.140	4.534
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.857	28.930	0.123
%RSD		3.121	3.131	17.180
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.159	0.148	0.587
%RSD		6.044	34.880	26.590
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.098%	-0.030	-0.048
%RSD		1.277	589.100	57.640
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		-0.017	0.383	0.218
%RSD		334.400	5.128	33.030
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.045	0.016
%RSD		0.000	21.820	5852.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.082	91.667%	0.126
%RSD		42.320	1.774	25.160
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.199	0.209	0.000
%RSD		18.100	26.160	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		97.196%	0.649	0.614
%RSD		1.228	9.558	6.216
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.353	99.215%	
%RSD		4.516	1.183	

mb 240-65311/1-a, 12/10/2012 10:54:26 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.510%	0.006	-12.780
%RSD		0.199	27.920	2.555
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		60.310	67.440	-0.778
%RSD		3.492	11.230	91.750
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	20.670	259.800
%RSD		0.000	0.627	3.521
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T84.759%	88.162%	0.261
%RSD		T0.169	0.494	99.880
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.019	0.016	-5.006
%RSD		874.400	79.440	7.190
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.505	12.380	-0.009
%RSD		1.058	3.410	21.420
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.091	0.664	10.400
%RSD		28.080	2.285	0.680
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.934%	-0.056	0.204
%RSD		0.874	168.600	14.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.046	0.452	-0.236
%RSD		84.880	7.113	3.766
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	-0.215
%RSD		0.000	177.200	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	92.784%	0.109
%RSD		55.420	0.243	18.130
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.103	0.850	0.000
%RSD		26.110	6.294	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.429%	0.269	0.348
%RSD		0.543	8.130	2.892
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.044	100.519%	
%RSD		14.840	0.824	

lcs 240-65311/2-a, 12/10/2012 10:59:22 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.499%	M 944.400	77.150
%RSD		0.721	M 0.692	0.605
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9124.000	9480.000	M 9163.000
%RSD		0.539	0.837	M 0.915
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9230.000	9585.000
%RSD		0.000	T 0.393	0.384
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.972%	91.109%	92.770
%RSD		T 0.716	1.205	1.139
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 903.200	M 948.000	86.640
%RSD		M 0.783	M 0.620	6.572
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 979.800	T 9155.000	M 923.800
%RSD		T 0.249	T 0.981	M 0.960
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 967.800	M 991.200	M 1005.000
%RSD		M 1.038	M 1.009	M 0.985
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.709%	M 933.200	-3.082
%RSD		1.578	M 0.578	15.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 938.200	M 867.800	89.970
%RSD		M 0.597	M 0.958	1.250
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.520	680.900
%RSD		0.000	0.280	34.050
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 973.400	95.101%	90.910
%RSD		M 0.369	0.797	0.856
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		92.040	M 926.700	0.000
%RSD		1.380	M 0.692	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.115%	89.910	TM 220.200
%RSD		0.858	0.773	TM 0.149
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 953.400	98.976%	
%RSD		TM 0.118	0.941	

240-17422-b-13-a, 12/10/2012 11:06:33 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.360%	0.068	47.740
%RSD		0.362	17.600	0.813
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4823.000	10520.000	171.600
%RSD		0.426	0.612	4.020
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2839.000	48240.000
%RSD		0.000	T 0.517	0.129
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.114%	93.377%	2.300
%RSD		T 0.628	1.057	14.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.290	0.296	-3.817
%RSD		19.920	3.819	4.505
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		98.030	435.800	0.157
%RSD		0.448	0.419	5.714
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.552	0.828	3.254
%RSD		6.616	9.432	11.100
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.317%	0.671	0.148
%RSD		1.546	11.190	27.690
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.434	104.900	0.299
%RSD		6.736	1.732	37.330
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.550
%RSD		0.000	147.700	135.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.039	96.358%	0.177
%RSD		35.540	1.691	22.650
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.416	22.360	0.000
%RSD		10.530	0.849	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.788%	0.769	0.821
%RSD		1.125	11.740	8.184
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.320	98.833%	
%RSD		2.813	0.688	

SD 240-17422-b-13-a@5, 12/10/2012 11:13:45 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.177%	0.015	-0.201
%RSD		0.337	29.820	340.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		978.600	2179.000	33.440
%RSD		1.000	1.468	13.740
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	591.000	9815.000
%RSD		0.000	0.084	0.695
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.424%	92.538%	0.869
%RSD		T 0.581	1.035	37.450
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.083	0.026	-2.700
%RSD		195.600	30.440	16.010
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		20.170	86.610	0.029
%RSD		0.269	1.598	52.400
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.167	0.229	0.744
%RSD		26.530	20.460	17.500
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.781%	0.042	0.037
%RSD		0.371	271.100	67.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.010	20.620	-0.253
%RSD		344.800	2.495	16.940
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.000
%RSD		0.000	190.500	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	96.283%	0.037
%RSD		265.200	0.490	22.510
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.129	4.303	0.000
%RSD		19.120	4.653	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.814%	0.232	0.361
%RSD		0.901	1.232	1.781
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.053	101.089%	
%RSD		4.634	0.587	

240-17422 -b-13 -b du, 12/10/2012 11:18:43 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.489%	0.018	45.400
%RSD		0.237	3.243	1.752
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4776.000	10630.000	166.300
%RSD		1.293	1.883	5.691
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2843.000	48030.000
%RSD		0.000	T 0.069	0.335
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.534%	90.822%	3.041
%RSD		T 0.645	1.404	23.470
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.422	0.304	-3.454
%RSD		28.320	15.430	7.729
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		97.220	428.600	0.112
%RSD		0.098	0.610	21.120
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.681	0.841	3.291
%RSD		8.287	9.189	2.340
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.782%	0.613	0.122
%RSD		0.437	9.955	19.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.141	103.300	-0.123
%RSD		86.570	0.690	42.990
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.211
%RSD		0.000	67.700	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	94.259%	0.070
%RSD		27.380	0.245	48.680
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.141	21.910	0.000
%RSD		10.260	1.244	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.187%	0.165	0.297
%RSD		0.946	3.709	1.611
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.288	97.528%	
%RSD		2.405	0.894	

240-17422 -b-13 -c ms, 12/10/2012 11:23:41 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.210%	98.070	142.500
%RSD		0.277	0.169	1.202
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		15050.000	21370.000	M 10330.000
%RSD		0.871	1.541	M 0.861
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13260.000	59360.000
%RSD		0.000	T 0.606	0.242
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.405%	88.886%	101.300
%RSD		T 0.802	0.429	5.343
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.910	98.870	4.942
%RSD		0.874	0.198	20.210
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 198.900	T 10560.000	98.880
%RSD		T 0.477	T 0.488	0.651
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.300	102.600	107.600
%RSD		1.118	1.602	0.866
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.422%	99.600	-0.261
%RSD		1.197	0.419	41.040
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		96.420	M 198.700	97.380
%RSD		1.836	M 0.877	0.789
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.200	33.890
%RSD		0.000	0.502	116.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.200	90.715%	98.420
%RSD		0.676	0.989	0.498
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.880	121.000	0.000
%RSD		0.305	0.621	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.909%	98.470	98.540
%RSD		1.127	0.889	0.448
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		104.800	93.071%	
%RSD		0.628	0.838	

PDS 240-17422 -b-13 -a, 12/10/2012 11:30:53 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.376%	101.900	143.100
%RSD		0.705	0.680	1.527
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		15770.000	21850.000	M 11310.000
%RSD		0.161	1.543	M 0.438
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 14160.000	58650.000
%RSD		0.000	T 0.417	0.282
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 81.724%	87.993%	96.300
%RSD		T 0.520	0.794	4.510
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.000	101.400	4.619
%RSD		0.477	0.715	7.396
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 200.000	T 11640.000	101.700
%RSD		T 0.156	T 0.269	0.359
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.100	105.800	108.500
%RSD		0.374	0.171	0.758
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.461%	103.000	-0.283
%RSD		0.599	0.559	51.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.100	196.700	96.420
%RSD		2.477	0.109	1.216
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.200	44.470
%RSD		0.000	0.690	159.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.300	90.886%	97.530
%RSD		0.928	0.204	0.959
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		95.150	123.700	0.000
%RSD		0.893	0.699	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.827%	98.470	104.000
%RSD		1.830	0.469	0.450
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		108.200	92.820%	
%RSD		0.419	1.134	

240-17477 -a-4-a, 12/10/2012 11:38:05 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.620%	0.037	8.772
%RSD		0.494	7.018	2.356
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		3947.000	8306.000	320.600
%RSD		0.408	0.635	2.873
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1883.000	31440.000
%RSD		0.000	T 0.245	0.227
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.796%	89.941%	4.131
%RSD		T 0.846	0.689	11.540
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.723	0.434	-3.686
%RSD		43.610	7.963	7.802
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 329.000	1273.000	0.307
%RSD		T 0.353	0.625	15.830
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.904	1.615	11.800
%RSD		17.700	8.128	2.107
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.968%	0.783	0.186
%RSD		1.008	14.010	15.060
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.161	58.880	0.705
%RSD		51.090	0.506	8.047
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.093	-1.207
%RSD		0.000	49.290	172.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.109	94.000%	0.750
%RSD		65.670	1.221	7.772
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.025	34.360	0.000
%RSD		18.330	1.083	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.038%	1.216	0.429
%RSD		1.239	10.080	6.594
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.588	99.128%	
%RSD		7.265	0.909	

240-17477 -a-4-b du, 12/10/2012 11:43:03 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.712%	0.018	10.010
%RSD		0.660	11.900	0.987
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4157.000	8890.000	318.700
%RSD		1.006	1.350	0.926
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2036.000	33750.000
%RSD		0.000	T 0.575	0.454
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.051%	91.385%	4.020
%RSD		T 0.305	0.700	16.730
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.647	0.353	-2.889
%RSD		17.590	3.313	10.900
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 355.400	1328.000	0.233
%RSD		T 0.460	0.566	9.927
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.794	0.842	3.861
%RSD		7.821	15.010	6.886
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.970%	0.734	0.169
%RSD		0.965	10.860	20.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.013	63.330	0.050
%RSD		533.000	0.942	110.100
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-1.553
%RSD		0.000	70.680	53.980
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	94.664%	0.111
%RSD		51.060	1.632	28.710
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.384	36.050	0.000
%RSD		12.320	1.456	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.312%	0.489	0.255
%RSD		0.260	3.595	3.161
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.383	99.033%	
%RSD		2.434	0.622	

240-17477 -a-4-c ms, 12/10/2012 11:48:00 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.827%	97.950	103.300
%RSD		0.879	0.777	0.612
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14130.000	19350.000	M 10400.000
%RSD		0.231	1.509	M 0.924
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 12240.000	42940.000
%RSD		0.000	T 0.221	0.066
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.238%	87.676%	99.160
%RSD		T 0.243	0.770	4.367
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.330	98.620	5.261
%RSD		0.335	0.689	13.390
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 445.300	T 11310.000	98.310
%RSD		T 0.206	T 0.362	0.113
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.100	101.300	105.000
%RSD		0.691	1.213	1.827
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.861%	98.350	-0.084
%RSD		0.851	0.881	116.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		97.800	152.800	96.440
%RSD		1.026	0.429	0.958
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.300	81.660
%RSD		0.000	0.418	39.370
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.400	90.325%	97.760
%RSD		0.650	0.419	0.738
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.290	131.800	0.000
%RSD		0.547	0.726	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.187%	97.250	97.210
%RSD		0.672	0.453	0.080
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.100	93.998%	
%RSD		0.395	0.946	

CCV 2 12/10/2012 11:55:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.520%	98.849%	88.044%
%RSD		0.186	0.086	2.094
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 104.279%	103.948%	109.726%
%RSD		T 0.766	0.512	1.992
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 102.222%	101.767%
%RSD		0.000	T 0.661	0.119
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 85.526%	90.264%	103.380%
%RSD		T 0.612	1.104	0.848
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		100.617%	102.412%	4.688
%RSD		1.189	0.257	5.527
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 102.959%	T 103.793%	101.810%
%RSD		T 0.437	T 0.361	0.409
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		103.267%	103.570%	103.803%
%RSD		0.122	0.560	0.524
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.580%	102.016%	-0.457
%RSD		0.851	0.399	12.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.861%	99.820%	106.530%
%RSD		2.619	0.469	0.598
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	104.523%	2.928
%RSD		0.000	0.195	1178.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		104.316%	91.062%	101.894%
%RSD		0.290	1.135	0.973
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		102.085%	100.565%	0.000
%RSD		0.358	1.032	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		98.578%	107.000%	102.958%
%RSD		0.925	0.291	0.617
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		105.387%	90.141%	
%RSD		0.434	0.658	

CCB 2 12/10/2012 12:02:17 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.557%	0.101	-11.870
%RSD		0.255	17.580	3.118
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		53.750	54.360	7.607
%RSD		23.600	37.680	34.790
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	30.560	55.780
%RSD		0.000	0.343	2.287
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 82.552%	87.032%	0.221
%RSD		T 0.662	0.551	173.200
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.243	0.107	-4.787
%RSD		110.600	19.600	8.180
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.876	36.160	0.162
%RSD		2.797	17.800	11.600
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.202	0.205	0.457
%RSD		43.900	21.090	35.480
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.287%	0.010	-0.063
%RSD		0.646	949.600	46.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.229	0.397	0.266
%RSD		33.840	6.436	17.580
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.082	-0.035
%RSD		0.000	39.770	3804.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.140	91.322%	0.188
%RSD		4.850	0.550	25.970
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.298	0.206	0.000
%RSD		16.740	22.610	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		97.085%	0.831	0.657
%RSD		1.401	7.159	3.807
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.395	99.498%	
%RSD		9.444	1.086	

240-17422 -a-14-a, 12/10/2012 12:09:28 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.121%	0.010	43.510
%RSD		0.211	54.750	1.785
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4527.000	9987.000	87.070
%RSD		1.034	1.323	1.429
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2795.000	45990.000
%RSD		0.000	T 0.580	0.315
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.813%	91.985%	1.587
%RSD		T 0.726	1.745	24.480
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.273	0.163	-4.073
%RSD		40.980	15.520	5.896
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		100.100	313.000	0.099
%RSD		1.499	0.543	12.500
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.531	0.742	3.662
%RSD		7.580	14.210	14.100
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.843%	0.539	0.167
%RSD		0.761	18.700	30.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.056	99.700	-0.085
%RSD		309.500	0.986	54.160
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.649
%RSD		0.000	52.700	55.850
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.021	95.671%	0.183
%RSD		34.710	1.157	15.760
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.201	20.700	0.000
%RSD		12.460	1.278	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.833%	0.292	0.325
%RSD		0.945	2.947	3.447
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.216	98.765%	
%RSD		1.755	0.897	

240-17422 -a-15-a, 12/10/2012 12:14:23 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.796%	0.011	27.670
%RSD		0.505	31.760	1.551
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9968.000	9298.000	68.030
%RSD		0.600	2.382	7.657
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2404.000	39920.000
%RSD		0.000	T 0.474	0.228
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.912%	90.756%	1.352
%RSD		T 0.556	1.008	36.040
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.230	0.157	-3.975
%RSD		17.340	15.290	6.003
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		47.880	262.000	0.065
%RSD		0.852	0.343	14.310
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.666	1.890	11.390
%RSD		17.060	2.399	5.248
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.790%	0.496	0.149
%RSD		1.338	29.650	32.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.096	90.490	-0.045
%RSD		26.490	0.736	42.980
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.551
%RSD		0.000	400.800	93.360
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.008	94.784%	0.099
%RSD		113.700	0.639	24.260
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.203	24.610	0.000
%RSD		11.620	0.560	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.590%	0.189	0.244
%RSD		0.720	8.078	2.724
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.245	99.434%	
%RSD		4.352	0.738	

240-17477 -a-1-a, 12/10/2012 12:19:20 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.016%	0.008	7.947
%RSD		0.313	61.120	4.735
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4302.000	9405.000	53.820
%RSD		0.328	0.990	6.641
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1683.000	32900.000
%RSD		0.000	T 0.433	0.518
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.059%	91.820%	0.834
%RSD		T 0.388	0.200	8.538
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.125	0.176	-2.771
%RSD		166.900	4.092	9.210
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 622.400	1443.000	0.293
%RSD		T 0.403	1.093	2.951
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.561	0.572	2.514
%RSD		24.430	9.789	11.340
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.063%	0.637	0.146
%RSD		0.741	34.820	27.180
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.051	62.390	-0.250
%RSD		246.600	0.811	6.350
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.445
%RSD		0.000	38.070	440.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	94.994%	0.040
%RSD		105.900	0.371	37.640
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.106	30.260	0.000
%RSD		6.548	0.715	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.869%	0.155	0.203
%RSD		0.629	5.215	7.265
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.096	99.721%	
%RSD		3.046	0.201	

240-17477 -a-2-a, 12/10/2012 12:24:15 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.532%	0.009	9.823
%RSD		0.168	19.140	7.731
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4111.000	8965.000	249.200
%RSD		0.625	1.741	2.745
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1999.000	32890.000
%RSD		0.000	T 0.625	0.114
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.033%	90.556%	3.085
%RSD		T 0.267	1.168	11.460
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.545	0.292	-2.930
%RSD		22.060	6.983	17.470
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 239.600	1043.000	0.167
%RSD		T 0.103	0.483	16.650
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.738	0.805	3.553
%RSD		7.767	7.477	6.337
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.876%	0.704	0.160
%RSD		1.332	3.593	8.539
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.062	62.920	-0.286
%RSD		66.620	0.094	4.885
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.230
%RSD		0.000	205.000	563.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	94.693%	0.065
%RSD		453.600	0.702	41.940
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.113	32.060	0.000
%RSD		20.310	1.714	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.565%	0.130	0.175
%RSD		0.677	6.306	0.965
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.306	99.849%	
%RSD		3.030	0.843	

240-17477 -a-3-a, 12/10/2012 12:29:17 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.864%	0.004	9.377
%RSD		0.374	166.100	5.954
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4214.000	8865.000	38.330
%RSD		0.270	1.153	1.001
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1836.000	32220.000
%RSD		0.000	T 0.270	0.658
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.467%	91.029%	0.505
%RSD		T 0.658	0.265	24.930
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.052	0.049	-2.799
%RSD		216.500	34.780	9.131
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 194.700	619.000	0.070
%RSD		T 0.256	0.457	22.990
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.429	0.401	3.696
%RSD		7.371	16.020	14.670
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.077%	0.324	0.179
%RSD		1.179	17.710	23.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.033	59.940	-0.335
%RSD		245.600	0.339	8.496
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	0.370
%RSD		0.000	164.900	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	94.805%	0.066
%RSD		55.060	1.100	23.580
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.093	26.830	0.000
%RSD		15.880	1.506	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.948%	0.088	0.134
%RSD		0.794	11.810	4.899
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.060	99.893%	
%RSD		8.132	1.000	

CCV 3 12/10/2012 12:34:18 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.802%	99.478%	88.971%
%RSD		0.800	0.699	2.269
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 103.126%	104.575%	102.533%
%RSD		┬ 1.224	1.035	3.177
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 104.271%	101.687%
%RSD		0.000	┬ 0.536	0.232
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬ 86.968%	91.122%	102.421%
%RSD		┬ 0.365	1.264	4.894
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.806%	101.183%	4.857
%RSD		1.138	0.948	17.680
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 102.503%	┬ 104.330%	101.688%
%RSD		┬ 0.233	┬ 0.463	0.836
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.555%	103.849%	104.643%
%RSD		1.644	0.745	0.365
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.427%	101.565%	-0.329
%RSD		1.021	0.469	26.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.939%	100.083%	106.211%
%RSD		1.469	0.853	1.287
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.314%	30.180
%RSD		0.000	0.817	8.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.431%	90.391%	102.873%
%RSD		0.753	1.352	0.727
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.807%	101.974%	0.000
%RSD		1.157	0.681	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.915%	106.342%	101.998%
%RSD		0.468	0.903	0.163
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		106.495%	90.878%	
%RSD		0.862	0.884	

CCB 3 12/10/2012 12:41:31 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.056%	0.140	-10.870
%RSD		0.252	5.185	4.612
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		50.970	52.980	6.177
%RSD		2.837	15.890	7.345
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	39.490	71.150
%RSD		0.000	1.396	4.726
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T81.598%	85.349%	0.223
%RSD		T0.284	1.000	91.590
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.032	0.142	-4.115
%RSD		424.200	7.000	6.774
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.004	36.160	0.162
%RSD		1.107	2.111	3.367
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.175	0.233	0.450
%RSD		9.973	17.160	89.470
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.135%	0.003	-0.062
%RSD		0.693	1229.000	38.850
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.105	0.399	0.123
%RSD		121.300	9.425	117.700
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.082	0.315
%RSD		0.000	4.719	663.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.131	90.726%	0.128
%RSD		11.350	0.978	11.470
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.195	0.202	0.000
%RSD		10.110	32.310	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.973%	0.615	0.534
%RSD		0.444	9.701	4.301
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.394	99.828%	
%RSD		2.094	0.808	

donotuseCRI -751770 12/10/2012 12:46:36 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.854%	106.194%	-14.657%
%RSD		0.315	1.865	25.850
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		101.557%	107.138%	98.969%
%RSD		1.133	1.683	7.824
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 104.292%	101.667%
%RSD		0.000	T 0.315	1.614
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.566%	88.056%	96.603%
%RSD		T 0.519	1.151	2.159
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.582%	102.969%	-3.511
%RSD		5.362	4.542	5.638
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		122.007%	128.212%	103.901%
%RSD		1.772	0.742	3.558
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		110.648%	193.762%	113.251%
%RSD		4.042	3.003	6.507
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.955%	93.310%	-0.126
%RSD		0.472	7.973	21.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		93.006%	94.678%	94.326%
%RSD		16.190	3.229	1.115
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	116.997%	0.882
%RSD		0.000	3.518	189.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		127.798%	93.335%	100.474%
%RSD		7.515	0.798	1.635
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.782%	101.785%	0.000
%RSD		8.207	9.830	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.033%	100.300%	121.605%
%RSD		1.390	0.483	0.685
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		115.709%	101.072%	
%RSD		2.226	0.939	

CRI-751770 12/10/2012 12:52:36 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.671%	102.317%	-16.268%
%RSD		0.250	4.514	18.180
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		101.005%	107.514%	94.513%
%RSD		1.108	5.108	5.960
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 103.072%	98.945%
%RSD		0.000	T 0.330	1.698
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.006%	88.420%	108.289%
%RSD		T 0.458	1.235	9.388
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.765%	100.989%	-3.372
%RSD		3.332	0.602	8.963
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		110.913%	118.365%	107.276%
%RSD		2.388	1.043	4.023
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.778%	110.842%	105.515%
%RSD		9.223	3.264	2.106
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.576%	98.114%	-0.124
%RSD		1.230	5.744	33.270
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		96.002%	91.989%	93.323%
%RSD		19.600	1.409	2.969
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	114.757%	0.599
%RSD		0.000	2.204	352.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.505%	92.590%	101.410%
%RSD		10.260	1.032	0.332
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.332%	100.484%	0.000
%RSD		4.717	4.026	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.266%	99.507%	112.233%
%RSD		1.071	0.237	0.524
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		111.666%	101.548%	
%RSD		0.832	0.879	

MDLV 12/10/2012 12:57:38 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.357%	0.898	29.930
%RSD		0.276	3.477	1.451
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		408.000	339.100	56.100
%RSD		1.708	10.780	7.351
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	55.340	996.200
%RSD		0.000	1.741	1.959
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬85.474%	88.440%	0.992
%RSD		┬0.837	0.917	45.100
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		1.348	1.479	-2.849
%RSD		15.270	2.868	7.927
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		3.102	110.600	0.297
%RSD		0.153	0.435	9.217
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		1.816	4.216	21.300
%RSD		3.400	1.373	0.967
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		90.037%	0.911	-0.087
%RSD		0.465	9.525	29.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.364	2.756	3.494
%RSD		12.720	3.092	2.008
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.051	1.876
%RSD		0.000	14.180	160.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.783	93.295%	4.213
%RSD		8.963	1.155	2.948
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.566	4.062	0.000
%RSD		10.260	1.989	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.631%	0.233	1.072
%RSD		0.800	14.200	0.701
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.538	101.571%	
%RSD		2.708	0.289	

CCV 12/10/2012 13:02:36 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.776%	99.581%	90.071%
%RSD		0.222	0.193	1.630
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 102.817%	104.572%	106.955%
%RSD		┬0.286	0.205	1.926
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	┬ 104.851%	101.629%
%RSD		0.000	┬0.390	0.485
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬85.611%	92.789%	100.871%
%RSD		┬0.714	1.439	1.047
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		99.295%	101.341%	4.714
%RSD		0.236	0.555	5.779
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 102.851%	┬ 104.864%	101.025%
%RSD		┬0.275	┬0.258	0.067
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		103.068%	103.214%	104.303%
%RSD		1.070	2.278	0.305
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.965%	102.469%	-0.410
%RSD		0.644	0.383	35.170
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.840%	99.135%	106.008%
%RSD		0.543	0.140	1.004
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	105.373%	91.780
%RSD		0.000	0.411	21.280
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		105.382%	92.924%	102.291%
%RSD		1.432	0.914	0.376
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		103.140%	102.051%	0.000
%RSD		0.517	0.515	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		101.696%	106.774%	102.558%
%RSD		1.167	0.547	0.454
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		106.318%	92.193%	
%RSD		0.357	1.160	

CCB 12/10/2012 13:09:48 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.922%	0.123	-10.630
%RSD		0.408	17.880	5.919
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		58.000	64.870	8.331
%RSD		6.712	8.912	29.320
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	45.680	71.870
%RSD		0.000	3.095	11.640
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬83.407%	87.914%	0.262
%RSD		┬0.318	1.207	50.960
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.009	0.169	-4.455
%RSD		2032.000	14.610	9.116
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.060	39.670	0.159
%RSD		2.676	0.269	6.583
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.185	0.181	0.534
%RSD		28.130	17.940	23.630
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		89.076%	0.069	-0.086
%RSD		0.638	141.500	19.460
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.171	0.427	0.086
%RSD		38.960	3.002	95.160
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.105	0.325
%RSD		0.000	9.641	364.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.156	92.732%	0.164
%RSD		33.100	1.206	10.610
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.186	0.240	0.000
%RSD		16.910	30.500	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		100.052%	0.636	0.529
%RSD		1.285	10.360	4.696
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.418	101.897%	
%RSD		1.793	0.810	

mb 240-67375/1-a, 12/10/2012 13:14:50 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.038%	0.003	-11.960
%RSD		0.100	62.580	5.751
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		39.050	40.160	-1.249
%RSD		15.200	33.230	38.820
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	22.540	318.200
%RSD		0.000	3.805	2.426
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.139%	89.685%	0.256
%RSD		T 0.305	0.946	0.905
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.081	0.081	-4.786
%RSD		150.900	15.450	5.345
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.843	10.400	-0.000
%RSD		0.164	27.950	4601.000
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.158	0.620	32.930
%RSD		19.220	6.159	2.645
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.806%	-0.116	0.176
%RSD		0.599	54.070	10.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.055	0.264	-0.325
%RSD		131.900	10.700	10.180
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	-0.212
%RSD		0.000	137.200	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.004	94.073%	0.481
%RSD		329.600	0.386	12.790
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.070	0.651	0.000
%RSD		25.500	6.372	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.862%	0.215	0.273
%RSD		0.714	6.753	4.365
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.101	103.866%	
%RSD		30.520	0.815	

lcs 240-67375/2-a, 12/10/2012 13:19:53 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.901%	M 881.200	73.320
%RSD		0.404	M 0.459	2.886
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		8860.000	9396.000	M 8895.000
%RSD		1.178	1.019	M 1.348
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 9198.000	9502.000
%RSD		0.000	T 0.518	0.250
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 85.033%	91.541%	91.200
%RSD		T 0.558	1.876	2.262
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 838.200	M 882.100	79.120
%RSD		M 0.354	M 0.551	6.776
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 909.800	T 9159.000	M 865.200
%RSD		T 0.095	T 0.741	M 1.004
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 896.500	M 919.500	M 990.400
%RSD		M 1.155	M 1.160	M 0.945
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		91.366%	M 873.300	-3.297
%RSD		1.571	M 1.029	11.490
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 888.900	M 818.600	85.940
%RSD		M 1.137	M 0.734	0.638
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	95.560	539.100
%RSD		0.000	1.323	27.660
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 926.800	95.298%	93.970
%RSD		M 0.776	0.586	0.788
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		89.740	M 873.300	0.000
%RSD		1.373	M 0.581	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		103.730%	86.680	TM 202.600
%RSD		1.577	0.764	TM 0.073
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		TM 908.000	102.274%	
%RSD		TM 0.749	0.804	

240-18236 -j-5-d, 12/10/2012 13:27:05 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.816%	0.042	94.710
%RSD		0.444	4.037	1.355
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		27050.000	52270.000	15.670
%RSD		0.134	0.649	11.440
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5627.000	TM 173500.000
%RSD		0.000	T 0.360	TM 0.185
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.869%	97.178%	0.474
%RSD		T 0.465	0.617	65.950
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-20.020	M 467.900	41.340
%RSD		3.250	M 0.289	3.298
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		19.320	-126.700	0.082
%RSD		0.298	0.610	1.398
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.799	0.973	3.307
%RSD		10.280	1.862	7.293
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.998%	0.997	0.182
%RSD		0.227	9.541	37.780
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.122	M 753.700	13.680
%RSD		16.830	M 0.474	0.589
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.710
%RSD		0.000	70.140	86.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.029	98.133%	0.218
%RSD		47.270	1.438	17.130
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.501	39.560	0.000
%RSD		2.082	0.873	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.027%	0.816	0.776
%RSD		0.830	11.390	7.263
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.029	95.754%	
%RSD		11.120	0.803	

SD 240-18236 -j-5-d@5, 12/10/2012 13:34:17 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.700%	0.023	10.300
%RSD		0.362	30.600	6.991
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		5828.000	11480.000	2.997
%RSD		0.451	1.248	37.130
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 1149.000	37630.000
%RSD		0.000	T 0.624	0.510
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 90.999%	94.717%	0.081
%RSD		T 0.167	0.128	173.200
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-3.811	97.850	5.019
%RSD		27.020	0.510	36.900
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		4.044	-28.630	0.012
%RSD		1.272	0.419	34.950
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.227	0.366	1.253
%RSD		18.660	10.870	24.810
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		94.170%	0.049	0.031
%RSD		1.217	249.600	214.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.323	151.200	2.440
%RSD		47.490	0.371	6.003
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.001	0.356
%RSD		0.000	138.200	122.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.005	97.537%	0.084
%RSD		112.900	0.289	13.390
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.150	8.916	0.000
%RSD		22.010	2.772	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		105.887%	0.241	0.331
%RSD		0.789	6.522	2.778
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		-0.001	102.678%	
%RSD		738.800	0.803	

240-18236 -j-5-e ms, 12/10/2012 13:39:20 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.289%	M 928.600	182.600
%RSD		0.498	M 0.280	0.997
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 36980.000	59450.000	M 9425.000
%RSD		T 0.515	0.595	M 0.596
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 15600.000	TM 177100.000
%RSD		0.000	T 0.279	TM 0.525
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.731%	93.704%	99.530
%RSD		T 0.856	1.058	0.303
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 922.200	M 1407.000	129.100
%RSD		M 0.352	M 0.428	4.544
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 978.300	T 9796.000	M 927.300
%RSD		T 0.489	T 0.623	M 1.388
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 948.000	M 944.900	M 950.100
%RSD		M 0.740	M 0.428	M 0.365
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.651%	M 990.800	-3.526
%RSD		1.143	M 0.500	12.480
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 983.200	M 1646.000	113.000
%RSD		M 0.534	M 0.247	1.069
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.000	586.500
%RSD		0.000	0.445	26.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 986.100	95.067%	98.100
%RSD		M 0.185	0.730	1.032
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		97.950	M 1003.000	0.000
%RSD		0.434	M 0.432	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.408%	101.500	TM 236.900
%RSD		1.421	0.249	TM 0.128
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 942.700	93.808%	
%RSD		TM 0.573	0.888	

240-18236 -j-5-f msd, 12/10/2012 13:46:33 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.767%	M 935.200	186.500
%RSD		0.241	M 0.278	0.621
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 36990.000	60330.000	M 9365.000
%RSD		T 0.685	1.196	M 0.556
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 15480.000	TM 179900.000
%RSD		0.000	T 0.248	TM 0.450
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.993%	96.560%	98.590
%RSD		T 0.970	1.247	0.737
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 912.300	M 1405.000	132.000
%RSD		M 0.071	M 0.927	5.111
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 981.600	T 9891.000	M 934.900
%RSD		T 0.297	T 0.927	M 1.080
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 946.000	M 946.300	M 955.500
%RSD		M 0.709	M 0.395	M 0.442
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.792%	M 991.200	-3.577
%RSD		0.679	M 0.364	11.130
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 977.900	M 1662.000	113.400
%RSD		M 1.457	M 0.355	0.687
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.140	494.800
%RSD		0.000	0.206	28.130
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 971.700	97.716%	97.150
%RSD		M 0.236	1.249	0.759
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.540	M 1004.000	0.000
%RSD		0.305	M 0.487	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.008%	101.400	TM 233.700
%RSD		0.647	0.827	TM 0.235
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 938.200	95.752%	
%RSD		TM 0.603	0.868	

240-18237 -j-3-d, 12/10/2012 13:53:46 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.705%	0.069	M 323.800
%RSD		0.056	27.550	M 0.316
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 76600.000	31190.000	26.270
%RSD		T 1.260	1.250	0.715
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11370.000	M 104000.000
%RSD		0.000	T 0.168	M 0.318
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.447%	94.913%	0.525
%RSD		T 0.395	0.897	66.550
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.404	0.464	-4.391
%RSD		18.090	9.054	5.756
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.095	-30.400	0.325
%RSD		0.929	2.502	0.186
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.872	1.141	3.966
%RSD		7.107	11.740	7.793
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.184%	2.649	0.137
%RSD		0.230	9.012	6.567
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.360	M 374.600	2.010
%RSD		6.756	M 0.712	5.928
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	1.089
%RSD		0.000	37.140	282.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	95.575%	1.009
%RSD		42.320	0.373	10.150
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.441	M 229.000	0.000
%RSD		10.510	M 0.500	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.877%	0.916	0.997
%RSD		1.148	7.300	6.376
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.294	95.768%	
%RSD		1.849	0.812	

240-18237 -j-3-e ms, 12/10/2012 14:00:56 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.126%	M 946.900	M 423.200
%RSD		0.356	M 0.351	M 0.677
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 88140.000	41750.000	M 9748.000
%RSD		T 0.701	0.227	M 1.029
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 21730.000	M 117100.000
%RSD		0.000	T 0.441	M 0.038
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.625%	92.330%	98.800
%RSD		T 0.578	1.424	2.827
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 947.700	M 970.400	88.050
%RSD		M 0.626	M 0.635	2.318
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 987.800	T 10040.000	M 949.400
%RSD		T 0.311	T 0.292	M 1.203
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 959.500	M 961.400	M 983.300
%RSD		M 0.662	M 1.289	M 1.281
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.234%	M 990.100	-3.302
%RSD		1.421	M 0.830	20.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 977.900	M 1322.000	102.800
%RSD		M 0.880	M 0.502	0.293
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.900	727.700
%RSD		0.000	0.309	16.440
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1004.000	93.456%	99.550
%RSD		M 0.226	0.807	0.474
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.500	M 1218.000	0.000
%RSD		0.908	M 0.279	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.645%	102.800	TM 238.300
%RSD		1.134	0.837	TM 0.272
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 963.300	92.934%	
%RSD		TM 0.028	1.068	

240-18237 -j-3-f msd, 12/10/2012 14:08:06 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.184%	M 920.100	M 410.700
%RSD		0.705	M 0.647	M 0.897
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 84110.000	40000.000	M 9292.000
%RSD		T 1.371	0.421	M 1.259
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 20950.000	M 110900.000
%RSD		0.000	T 0.629	M 0.035
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.648%	92.918%	95.040
%RSD		T 0.804	1.575	3.464
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 911.500	M 930.900	81.770
%RSD		M 0.558	M 0.506	5.590
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 950.700	T 9694.000	M 909.400
%RSD		T 0.089	T 0.334	M 0.107
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 926.400	M 926.100	M 944.600
%RSD		M 0.252	M 0.268	M 0.282
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.036%	M 958.400	-3.189
%RSD		0.270	M 0.447	2.243
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 948.900	M 1269.000	99.190
%RSD		M 0.553	M 0.608	1.139
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.590	562.800
%RSD		0.000	0.978	16.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 971.600	94.389%	96.690
%RSD		M 0.491	1.248	0.437
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		96.120	M 1169.000	0.000
%RSD		0.373	M 0.652	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.888%	98.980	TM 230.400
%RSD		0.892	0.168	TM 0.265
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 930.500	94.313%	
%RSD		TM 0.033	1.009	

240-18236 -d-1-b, 12/10/2012 14:15:16 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		96.924%	0.055	45.650
%RSD		0.492	15.600	0.807
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 33040.000	64590.000	27.770
%RSD		T 0.900	1.004	5.081
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3611.000	TM 149300.000
%RSD		0.000	T 0.481	TM 0.257
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 94.610%	101.943%	0.264
%RSD		T 0.974	1.004	65.120
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.027	0.465	-3.500
%RSD		369.700	6.979	6.381
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		17.250	-9.491	0.127
%RSD		1.004	10.060	19.400
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.978	0.674	2.020
%RSD		12.360	5.169	10.170
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.337%	0.445	0.190
%RSD		1.307	21.150	25.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.359	M 952.700	0.430
%RSD		33.050	M 0.145	11.770
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.365
%RSD		0.000	33.740	677.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.027	100.456%	0.217
%RSD		60.020	1.042	10.810
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.442	37.740	0.000
%RSD		4.891	0.536	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.886%	0.936	1.089
%RSD		1.432	9.504	5.917
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.053	97.988%	
%RSD		2.410	1.154	

CCV 12/10/2012 14:22:26 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.778%	99.822%	91.214%
%RSD		0.418	0.166	1.099
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 102.402%	104.332%	105.973%
%RSD		┬0.773	0.465	1.905
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 104.764%	101.783%
%RSD		0.000	┬0.194	0.372
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬90.207%	94.346%	102.323%
%RSD		┬1.121	0.579	2.632
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.268%	100.883%	5.821
%RSD		1.198	0.648	30.630
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 102.295%	┬ 105.939%	101.175%
%RSD		┬0.296	┬0.369	1.326
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.761%	102.511%	105.151%
%RSD		0.534	0.651	2.013
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.681%	101.911%	-0.427
%RSD		0.866	1.676	25.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.451%	100.775%	105.636%
%RSD		0.791	0.120	0.259
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.963%	70.980
%RSD		0.000	0.794	81.770
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.462%	94.888%	103.639%
%RSD		0.547	0.455	0.385
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		103.394%	101.489%	0.000
%RSD		0.328	1.228	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.311%	106.629%	102.193%
%RSD		0.674	0.592	0.388
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		106.434%	94.122%	
%RSD		0.591	0.800	

CCB 12/10/2012 14:29:35 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.255%	0.101	-10.770
%RSD		0.088	6.921	5.397
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		50.990	39.400	3.733
%RSD		6.281	13.410	28.310
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	31.190	48.010
%RSD		0.000	2.764	8.601
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬88.490%	92.267%	0.125
%RSD		┬0.298	1.027	99.710
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.273	0.120	-4.710
%RSD		19.960	20.320	3.368
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.588	29.750	0.147
%RSD		2.751	1.887	1.338
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.193	0.226	0.282
%RSD		14.660	9.102	14.070
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		93.592%	0.137	-0.014
%RSD		2.156	141.000	632.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.170	0.308	0.135
%RSD		32.010	14.420	47.060
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.086	-1.423
%RSD		0.000	12.050	142.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.160	96.972%	0.196
%RSD		5.252	0.815	22.780
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.264	0.165	0.000
%RSD		5.095	22.120	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		104.434%	0.702	0.784
%RSD		0.818	7.637	4.987
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.299	105.356%	
%RSD		3.839	0.364	

240-18236 -d-2-b, 12/10/2012 14:36:45 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		97.004%	0.024	44.370
%RSD		0.255	25.280	2.222
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34470.000	66490.000	32.700
%RSD		T 0.550	1.147	10.320
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3747.000	TM 153300.000
%RSD		0.000	T 0.155	TM 0.133
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 94.955%	101.133%	0.609
%RSD		T 0.823	0.990	11.880
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.067	0.516	-3.604
%RSD		207.100	14.670	3.170
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		18.230	-17.970	0.136
%RSD		0.068	12.170	10.030
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.046	0.872	3.893
%RSD		9.122	5.719	13.480
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.672%	0.416	0.137
%RSD		1.306	35.940	22.580
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.189	M 986.800	-0.000
%RSD		38.960	M 0.265	4636.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.010	0.348
%RSD		0.000	29.380	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.016	100.634%	0.512
%RSD		1.051	0.709	5.961
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.147	38.390	0.000
%RSD		15.450	2.082	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.686%	0.265	0.430
%RSD		1.700	9.465	2.854
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.062	97.616%	
%RSD		2.230	1.315	

240-18236 -d-3-b, 12/10/2012 14:41:41 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		101.104%	0.022	43.020
%RSD		0.328	39.670	3.462
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34420.000	64400.000	50.310
%RSD		T 0.635	1.293	8.372
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3770.000	TM 148400.000
%RSD		0.000	T 0.380	TM 0.198
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 96.297%	101.433%	0.758
%RSD		T 0.657	0.532	17.370
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.151	1.113	-2.988
%RSD		138.400	3.560	7.925
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		19.480	14.290	0.124
%RSD		0.217	9.620	14.450
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.040	0.945	3.999
%RSD		3.300	3.864	10.460
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		97.406%	0.398	0.185
%RSD		1.265	18.630	15.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.151	M 952.100	-0.108
%RSD		82.140	M 0.367	39.290
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.197
%RSD		0.000	66.050	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.016	100.275%	0.071
%RSD		47.350	0.720	40.050
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.149	37.700	0.000
%RSD		7.949	0.917	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.391%	0.186	0.339
%RSD		1.130	10.570	2.815
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.117	97.959%	
%RSD		4.136	1.199	

240-18236 -d-4-b, 12/10/2012 14:46:39 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.113%	0.011	45.800
%RSD		0.532	24.370	0.523
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 35350.000	66670.000	35.090
%RSD		T 0.505	2.301	9.843
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3933.000	TM 154400.000
%RSD		0.000	T 0.306	TM 0.445
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 95.553%	101.612%	0.568
%RSD		T 0.732	0.518	35.030
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.091	0.803	-2.901
%RSD		119.900	5.986	10.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		20.050	-4.303	0.135
%RSD		0.626	43.040	3.687
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.956	0.836	3.371
%RSD		7.089	8.466	4.671
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.704%	0.482	0.215
%RSD		1.056	14.560	44.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.222	M 985.500	-0.093
%RSD		3.756	M 0.163	53.500
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	-0.200
%RSD		0.000	100.600	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	100.098%	0.498
%RSD		58.570	0.649	6.773
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.140	39.260	0.000
%RSD		33.420	1.458	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.735%	0.139	0.287
%RSD		1.245	8.381	1.731
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.069	97.332%	
%RSD		4.433	0.969	

240-18236 -d-6-b, 12/10/2012 14:51:38 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		99.377%	0.008	45.510
%RSD		0.597	54.230	3.220
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 34570.000	65230.000	28.980
%RSD		T 0.678	1.118	4.732
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3827.000	TM 148500.000
%RSD		0.000	T 0.166	TM 0.133
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 95.357%	99.888%	0.309
%RSD		T 0.458	1.192	44.590
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.253	0.258	-3.269
%RSD		93.520	5.827	18.490
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		16.910	-22.880	0.130
%RSD		0.381	4.965	11.670
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.062	1.188	3.046
%RSD		11.280	2.955	4.859
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.659%	0.410	0.191
%RSD		0.643	14.250	2.428
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.179	M 956.600	-0.105
%RSD		48.580	M 0.238	34.670
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	-0.199
%RSD		0.000	1359.000	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.012	99.538%	0.075
%RSD		127.300	1.395	21.050
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.100	37.740	0.000
%RSD		14.430	1.412	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.301%	0.108	0.256
%RSD		0.871	14.360	2.536
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.050	97.014%	
%RSD		2.192	1.180	

240-18236 -d-7-b, 12/10/2012 14:56:42 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		95.198%	0.008	85.550
%RSD		0.350	14.290	0.884
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		25850.000	50730.000	85.580
%RSD		0.195	0.346	4.007
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5072.000	M 127300.000
%RSD		0.000	T 0.113	M 0.432
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.672%	95.229%	0.524
%RSD		T 0.638	0.781	96.350
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.234	28.250	0.079
%RSD		133.400	1.369	704.200
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		24.150	39.010	0.140
%RSD		0.130	3.557	6.764
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.910	0.805	2.229
%RSD		5.015	8.322	5.627
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.936%	0.870	0.169
%RSD		0.900	8.462	7.092
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.193	M 736.800	1.472
%RSD		26.530	M 1.019	8.751
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.186
%RSD		0.000	79.620	819.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.023	95.687%	0.091
%RSD		11.810	0.120	20.430
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.190	37.200	0.000
%RSD		11.960	2.461	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.491%	0.114	0.224
%RSD		0.899	5.864	5.697
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.134	96.120%	
%RSD		0.912	0.649	

240-18236 -c-8-a, 12/10/2012 15:01:44 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.468%	0.014	104.000
%RSD		0.309	51.640	1.914
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		20840.000	39990.000	271.300
%RSD		0.364	0.764	1.601
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5360.000	M 108300.000
%RSD		0.000	T 0.220	M 0.274
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.191%	91.048%	0.883
%RSD		T 0.576	0.426	56.750
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.216	40.460	0.368
%RSD		215.100	0.787	255.700
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		19.250	10.180	0.112
%RSD		0.732	22.660	13.830
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.722	0.836	4.274
%RSD		3.867	12.520	12.600
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.579%	1.056	0.149
%RSD		0.953	25.990	31.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.554	M 590.800	2.177
%RSD		11.130	M 0.768	6.446
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.525
%RSD		0.000	153.600	210.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	93.282%	10.610
%RSD		134.600	1.002	1.008
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.241	34.540	0.000
%RSD		19.360	1.889	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.063%	0.117	0.213
%RSD		0.518	7.830	2.287
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.115	94.875%	
%RSD		4.672	0.921	

240-18236 -d-9-b, 12/10/2012 15:06:43 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.295%	0.006	130.000
%RSD		0.355	22.380	1.133
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17020.000	32120.000	75.600
%RSD		0.408	0.690	12.180
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6112.000	97040.000
%RSD		0.000	T 0.222	0.164
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.058%	88.098%	1.085
%RSD		T 0.387	0.947	47.810
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.406	57.110	1.797
%RSD		197.600	0.335	78.520
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		23.210	24.220	0.112
%RSD		0.785	11.790	15.670
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.702	0.779	4.078
%RSD		2.315	9.021	6.683
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.425%	1.036	0.157
%RSD		0.886	0.594	3.597
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.446	M 484.300	3.065
%RSD		17.360	M 0.400	1.996
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	0.000
%RSD		0.000	75.090	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.025	91.471%	0.293
%RSD		62.800	1.196	20.750
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.263	34.960	0.000
%RSD		9.398	0.768	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.293%	0.114	0.180
%RSD		0.508	5.241	4.361
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.189	94.205%	
%RSD		4.220	0.620	

240-18236 -d-10 -b, 12/10/2012 15:11:43 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.465%	0.004	163.100
%RSD		0.494	32.590	0.681
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10430.000	18020.000	27.310
%RSD		0.590	0.795	0.310
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6859.000	74290.000
%RSD		0.000	T 0.176	0.160
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.341%	84.316%	0.409
%RSD		T 0.419	0.807	33.680
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-1.191	79.590	4.473
%RSD		5.756	0.247	1.638
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.208	-47.410	0.046
%RSD		0.438	0.554	15.340
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.278	0.499	3.337
%RSD		6.803	22.620	4.046
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.711%	1.310	0.160
%RSD		0.704	12.150	17.520
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.010	M 294.900	4.326
%RSD		16.420	M 0.664	1.065
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.084
%RSD		0.000	613.900	947.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	89.446%	0.113
%RSD		262.400	0.748	15.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.338	33.390	0.000
%RSD		10.540	3.823	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.606%	0.117	0.153
%RSD		0.867	10.250	2.145
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.012	94.371%	
%RSD		12.190	0.399	

CCV 5 12/10/2012 15:16:40 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.026%	101.715%	94.330%
%RSD		0.818	1.434	1.836
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 100.093%	101.367%	110.609%
%RSD		┬ 0.545	0.821	0.406
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 103.211%	100.007%
%RSD		0.000	┬ 0.312	0.664
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬ 84.973%	86.077%	102.458%
%RSD		┬ 0.887	0.662	3.794
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.026%	100.142%	4.841
%RSD		1.030	0.370	2.834
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 101.139%	┬ 105.416%	98.893%
%RSD		┬ 0.209	┬ 0.487	0.309
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.598%	100.321%	103.921%
%RSD		0.650	0.694	1.199
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.351%	101.576%	-0.410
%RSD		0.685	0.520	34.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.106%	101.993%	104.723%
%RSD		2.456	0.796	0.814
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.646%	64.200
%RSD		0.000	0.692	47.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		106.186%	87.963%	104.127%
%RSD		1.844	1.051	0.329
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		105.564%	103.842%	0.000
%RSD		0.842	1.432	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.048%	106.161%	101.187%
%RSD		0.738	0.454	0.636
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.478%	87.962%	
%RSD		0.433	1.236	

CCB 5 12/10/2012 15:23:50 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.951%	0.089	-10.250
%RSD		0.419	8.995	3.657
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		48.490	50.160	5.059
%RSD		7.679	23.290	27.460
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	33.030	44.990
%RSD		0.000	2.033	12.840
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬86.346%	86.111%	0.222
%RSD		┬0.195	0.391	34.960
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.194	0.105	-3.652
%RSD		56.700	16.010	7.120
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.621	30.050	0.131
%RSD		1.071	2.768	0.210
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.168	0.103	0.442
%RSD		30.110	7.149	69.560
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.710%	0.138	-0.047
%RSD		1.216	27.830	40.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.114	0.339	0.078
%RSD		78.740	15.470	85.170
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.080	0.482
%RSD		0.000	3.442	270.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.108	91.707%	0.130
%RSD		5.581	0.500	11.110
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.151	0.124	0.000
%RSD		13.080	36.450	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		98.674%	0.577	0.540
%RSD		0.361	10.640	4.923
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.260	99.015%	
%RSD		4.443	0.607	

240-18237 -d-1-b, 12/10/2012 15:28:49 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.063%	0.018	M 344.800
%RSD		0.098	11.450	M 1.392
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 77090.000	31960.000	189.600
%RSD		T 0.532	0.247	0.832
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11730.000	M 104300.000
%RSD		0.000	T 0.251	M 0.195
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.555%	87.593%	4.203
%RSD		T 0.421	0.533	10.660
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.748	0.483	-3.938
%RSD		13.990	10.840	2.933
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		9.109	483.500	0.381
%RSD		0.088	0.980	6.598
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.235	1.015	27.360
%RSD		8.222	6.765	2.400
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.977%	2.816	0.139
%RSD		1.788	2.926	13.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.060	M 389.600	1.566
%RSD		76.210	M 1.304	9.409
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.360
%RSD		0.000	116.600	413.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	90.245%	0.195
%RSD		214.300	0.773	19.180
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.113	M 236.600	0.000
%RSD		6.234	M 0.723	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.815%	0.215	0.303
%RSD		0.825	2.693	3.597
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.322	89.373%	
%RSD		2.170	0.601	

240-18237 -d-2-b, 12/10/2012 15:33:44 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.981%	0.106	M 401.000
%RSD		0.393	5.018	M 0.219
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 71440.000	34190.000	M 2334.000
%RSD		T 0.968	0.823	M 0.818
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 14860.000	M 119900.000
%RSD		0.000	T 0.144	M 0.294
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.395%	85.463%	44.320
%RSD		T 0.513	1.643	11.710
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		5.084	3.901	-3.669
%RSD		2.756	1.109	8.068
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 332.900	4517.000	1.599
%RSD		T 0.244	0.398	1.333
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		5.650	4.239	36.910
%RSD		2.977	3.194	1.291
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.747%	8.880	0.147
%RSD		0.875	0.718	50.010
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.116	M 449.500	0.565
%RSD		50.150	M 0.184	4.835
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.014	0.054
%RSD		0.000	32.290	2395.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.089	88.166%	0.371
%RSD		12.950	1.190	7.002
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.168	M 285.100	0.000
%RSD		20.310	M 0.325	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.530%	0.171	0.258
%RSD		1.345	10.710	1.253
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		6.095	88.627%	
%RSD		0.520	1.103	

240-18237 -d-4-b, 12/10/2012 15:38:41 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.204%	0.001	M 323.000
%RSD		0.299	414.200	M 0.394
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 72490.000	30090.000	13.310
%RSD		T 1.099	0.369	12.290
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 10890.000	M 100000.000
%RSD		0.000	T 0.376	M 0.646
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.279%	88.445%	0.737
%RSD		T 0.684	0.971	36.140
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.115	0.276	-3.996
%RSD		167.800	5.717	9.856
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		6.150	-13.500	0.288
%RSD		0.439	2.828	1.592
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.973	0.681	5.885
%RSD		14.330	9.790	5.099
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.570%	1.974	0.142
%RSD		0.913	3.447	29.970
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.000	M 373.600	1.320
%RSD		11940.000	M 1.243	11.520
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.677
%RSD		0.000	6632.000	183.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	90.761%	0.083
%RSD		544.300	0.982	44.120
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.097	M 220.400	0.000
%RSD		21.060	M 0.321	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.783%	0.093	0.180
%RSD		0.807	6.317	2.581
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.195	90.468%	
%RSD		3.754	0.408	

240-18237 -d-5-b, 12/10/2012 15:43:37 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.811%	0.018	M 335.100
%RSD		0.698	9.667	M 0.693
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 76120.000	31680.000	346.800
%RSD		T 0.378	0.903	3.096
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11650.000	M 104100.000
%RSD		0.000	T 0.469	M 0.418
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.997%	87.085%	4.938
%RSD		T 0.677	0.258	10.660
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.817	0.790	-3.155
%RSD		11.600	4.355	7.390
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		23.660	456.700	0.365
%RSD		0.488	0.056	8.275
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.447	1.404	8.052
%RSD		1.611	5.985	5.393
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.484%	2.492	0.132
%RSD		1.295	5.368	45.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.015	M 401.700	1.585
%RSD		629.100	M 0.385	8.070
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.449
%RSD		0.000	44.860	86.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.037	89.227%	0.246
%RSD		34.990	0.628	4.835
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.164	M 222.500	0.000
%RSD		6.779	M 1.537	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.470%	0.091	0.158
%RSD		0.399	4.292	5.881
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.718	89.013%	
%RSD		1.353	0.299	

240-18237-d-6-b, 12/10/2012 15:48:38 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.786%	0.027	M 332.800
%RSD		0.767	28.600	M 1.057
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 76040.000	31950.000	383.200
%RSD		T 0.435	0.318	0.712
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 11630.000	M 104300.000
%RSD		0.000	T 0.446	M 0.254
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.271%	85.551%	6.954
%RSD		T 0.628	0.312	12.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.945	0.718	-3.518
%RSD		11.510	3.447	5.316
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		25.470	500.800	0.430
%RSD		0.849	0.422	3.581
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.310	0.984	6.467
%RSD		5.226	9.472	8.151
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.909%	2.564	0.161
%RSD		1.114	2.810	19.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.056	M 398.700	1.292
%RSD		97.990	M 0.406	5.737
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.821
%RSD		0.000	95.630	31.040
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.008	88.421%	0.097
%RSD		59.120	1.012	4.063
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.135	M 221.700	0.000
%RSD		14.230	M 0.481	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.163%	0.075	0.133
%RSD		0.867	8.570	0.833
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.788	88.051%	
%RSD		0.820	0.668	

240-18237 -d-7-b, 12/10/2012 15:53:37 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.879%	0.034	M 277.300
%RSD		0.222	38.010	M 0.739
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 69110.000	27290.000	519.100
%RSD		T 0.431	0.174	0.962
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7969.000	89220.000
%RSD		0.000	T 0.505	0.270
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.735%	86.210%	11.620
%RSD		T 0.373	1.167	13.260
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		3.384	1.260	-4.313
%RSD		4.228	4.915	7.856
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 511.100	T 32620.000	1.106
%RSD		T 0.330	T 0.338	8.492
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.403	4.047	48.520
%RSD		5.497	4.107	1.541
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.118%	62.620	0.135
%RSD		1.081	0.568	9.224
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.168	M 370.800	0.708
%RSD		52.520	M 0.757	2.756
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.948
%RSD		0.000	168.200	81.370
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.086	88.440%	0.423
%RSD		8.467	0.620	15.680
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.196	132.900	0.000
%RSD		7.349	0.279	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.885%	0.154	0.124
%RSD		1.409	3.354	6.515
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.131	88.418%	
%RSD		0.841	0.775	

240-18250 -a-2-a, 12/10/2012 15:58:35 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.175%	0.022	M 2046.000
%RSD		0.612	16.040	M 0.702
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 66730.000	65110.000	0.875
%RSD		T 1.508	0.743	155.500
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1220.000	TM 271000.000
%RSD		0.000	T 0.535	TM 0.416
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.355%	91.930%	0.333
%RSD		T 0.958	2.499	77.680
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.158	0.103	-4.855
%RSD		143.400	19.930	8.759
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10520.000	TM 123800.000	3.247
%RSD		TM 0.400	TM 0.805	2.115
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.114	0.186	1.822
%RSD		5.057	17.890	8.613
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.668%	53.350	0.141
%RSD		1.669	1.067	24.890
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.162	M 1252.000	6.979
%RSD		82.050	M 0.171	1.833
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.002	0.109
%RSD		0.000	136.100	627.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	93.806%	0.104
%RSD		34.630	1.444	11.320
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.055	58.800	0.000
%RSD		13.580	0.957	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.505%	0.041	0.107
%RSD		1.156	8.949	4.318
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.076	89.066%	
%RSD		5.669	1.083	

240-18250 -b-3-a, 12/10/2012 16:03:34 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.107%	0.015	M 333.200
%RSD		1.051	45.100	M 1.642
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 74540.000	40720.000	188.100
%RSD		T 0.764	0.291	0.801
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3278.000	M 116300.000
%RSD		0.000	T 0.622	M 0.251
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.312%	89.738%	3.464
%RSD		T 0.501	0.351	33.850
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.419	0.309	-4.147
%RSD		21.100	13.620	5.023
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		65.770	T 6952.000	0.409
%RSD		0.554	T 0.345	10.630
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.831	3.259	4.845
%RSD		5.111	4.038	8.015
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.632%	20.020	0.163
%RSD		0.781	2.187	30.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.056	M 1047.000	13.230
%RSD		80.190	M 0.022	2.872
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.327
%RSD		0.000	161.700	608.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.024	92.259%	0.111
%RSD		111.500	0.518	12.390
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.172	38.010	0.000
%RSD		26.160	0.749	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.114%	0.112	0.104
%RSD		0.711	11.640	4.540
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.465	92.137%	
%RSD		4.571	0.742	

450-8019-a-1-a, 12/10/2012 16:08:32 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.853%	0.015	M 241.100
%RSD		0.349	21.170	M 0.602
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50540.000	32100.000	91.100
%RSD		T 0.655	0.516	3.714
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9188.000	80010.000
%RSD		0.000	T 0.423	0.049
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.459%	86.603%	2.344
%RSD		T 0.623	0.277	36.680
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.696	1.532	-4.433
%RSD		18.770	1.614	7.359
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		79.660	247.000	0.279
%RSD		0.217	0.940	9.645
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.630	3.785	54.180
%RSD		2.758	3.546	0.857
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.593%	1.163	0.133
%RSD		0.338	9.417	14.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.157	M 314.200	1.180
%RSD		39.620	M 0.710	10.380
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.137
%RSD		0.000	153.400	815.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.029	90.867%	2.021
%RSD		19.030	0.229	2.392
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.096	16.990	0.000
%RSD		8.978	2.972	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		101.988%	0.256	0.090
%RSD		0.739	6.316	1.898
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		10.100	92.982%	
%RSD		0.372	0.519	

mb 240-67365/1-a, 12/10/2012 16:13:35 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.716%	-0.002	-3.813
%RSD		0.122	31.750	12.380
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		48.180	45.520	-0.891
%RSD		3.560	16.830	89.100
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	25.800	325.600
%RSD		0.000	4.216	2.191
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.858%	87.745%	0.044
%RSD		T 0.749	0.745	173.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.039	0.068	-3.570
%RSD		336.300	13.860	8.625
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.643	11.240	-0.007
%RSD		3.098	2.536	26.440
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.179	0.587	30.400
%RSD		20.580	15.760	0.750
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.581%	-0.081	0.160
%RSD		0.929	141.400	36.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.024	0.331	-0.470
%RSD		32.240	2.924	7.295
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.288
%RSD		0.000	251.400	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.002	94.609%	0.615
%RSD		112.300	0.266	7.416
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.024	0.686	0.000
%RSD		53.700	10.490	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.852%	0.028	0.067
%RSD		0.451	5.560	8.517
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.084	103.059%	
%RSD		3.912	0.266	

CCV 6 12/10/2012 16:18:34 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.541%	101.649%	92.011%
%RSD		0.725	0.626	2.264
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 98.957%	100.953%	105.756%
%RSD		T 0.584	1.322	0.632
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 103.304%	99.156%
%RSD		0.000	T 0.650	0.209
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.613%	86.323%	103.088%
%RSD		T 0.825	0.935	4.464
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.592%	99.426%	4.733
%RSD		0.855	0.532	22.730
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 100.143%	T 105.774%	98.564%
%RSD		T 0.178	T 0.455	0.393
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.617%	100.309%	102.588%
%RSD		0.319	1.530	1.196
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.747%	100.396%	-0.369
%RSD		1.108	1.416	25.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		103.007%	100.799%	104.287%
%RSD		3.340	0.978	0.269
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.741%	100.900
%RSD		0.000	0.444	51.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.603%	88.827%	104.608%
%RSD		0.319	0.908	0.189
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		105.228%	103.768%	0.000
%RSD		0.394	0.695	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.506%	105.409%	99.906%
%RSD		0.303	0.720	0.160
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.984%	89.080%	
%RSD		0.931	1.016	

CCB 6 12/10/2012 16:25:44 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.302%	0.091	-9.706
%RSD		1.003	10.750	3.016
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		34.120	35.690	4.731
%RSD		1.074	9.293	47.550
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	31.000	46.770
%RSD		0.000	2.848	5.108
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬85.999%	85.433%	0.313
%RSD		┬0.675	0.914	88.920
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.151	0.062	-4.511
%RSD		114.700	21.880	3.687
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.571	25.290	0.089
%RSD		0.470	6.046	8.927
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.144	0.138	0.458
%RSD		16.160	25.660	40.750
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.423%	0.064	-0.077
%RSD		0.808	174.600	24.960
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.073	0.273	0.040
%RSD		156.200	1.210	90.700
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.065	0.317
%RSD		0.000	21.250	727.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.093	92.313%	0.123
%RSD		33.800	0.226	16.180
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.125	0.112	0.000
%RSD		17.580	15.260	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		99.987%	0.534	0.483
%RSD		0.657	9.002	5.911
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.222	99.410%	
%RSD		3.653	0.609	

lcs 240-67365/2-a, 12/10/2012 16:30:41 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.240%	M 907.400	76.720
%RSD		0.183	M 0.196	0.957
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8451.000	9222.000	M 8856.000
%RSD		0.536	1.880	M 0.758
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9025.000	9034.000
%RSD		0.000	T 0.553	0.192
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.332%	87.405%	87.180
%RSD		T 0.281	0.673	1.106
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 828.400	M 858.700	72.290
%RSD		M 0.539	M 0.163	7.144
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 886.300	T 9135.000	M 837.700
%RSD		T 0.329	T 0.663	M 0.536
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 867.300	M 880.700	M 934.900
%RSD		M 0.883	M 0.725	M 0.766
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.724%	M 861.100	-3.456
%RSD		1.381	M 1.027	5.025
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 898.300	M 828.000	84.780
%RSD		M 0.876	M 1.157	0.734
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	94.120	637.400
%RSD		0.000	0.437	19.170
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 921.200	92.761%	90.190
%RSD		M 0.416	0.869	0.728
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.100	M 883.100	0.000
%RSD		0.490	M 0.503	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.166%	85.220	TM 199.600
%RSD		1.092	0.961	TM 0.206
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 895.100	98.462%	
%RSD		TM 0.730	0.624	

240-18281 -i-3-a, 12/10/2012 16:37:53 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.052%	0.061	42.180
%RSD		0.887	11.720	1.949
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		31010.000	57590.000	34.210
%RSD		0.710	1.294	6.561
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3545.000	TM 132800.000
%RSD		0.000	T 0.479	TM 1.605
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.791%	93.459%	0.288
%RSD		T 0.599	0.491	24.790
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.097	0.224	-3.455
%RSD		192.100	16.160	10.540
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		16.450	-10.060	0.144
%RSD		0.428	9.767	10.280
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.905	0.935	2.727
%RSD		13.910	3.335	15.260
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.250%	0.510	0.190
%RSD		1.189	38.650	6.794
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.347	M 846.100	0.285
%RSD		64.670	M 0.137	47.240
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	-1.878
%RSD		0.000	265.200	57.960
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.044	95.744%	0.233
%RSD		53.090	1.158	10.240
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.359	34.840	0.000
%RSD		6.111	1.071	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.385%	0.746	0.811
%RSD		1.902	10.820	6.863
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.066	93.650%	
%RSD		9.117	0.517	

SD 240-18281 -i-3-a@5, 12/10/2012 16:45:05 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.461%	0.010	-1.560
%RSD		0.807	16.830	55.380
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		6618.000	12260.000	7.084
%RSD		1.074	1.077	32.790
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 728.400	28450.000
%RSD		0.000	T 0.250	0.230
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.509%	90.249%	0.169
%RSD		T 0.464	0.927	113.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.123	0.037	-3.083
%RSD		224.900	64.830	12.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.430	-3.982	0.025
%RSD		0.589	8.605	31.110
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.251	0.270	1.625
%RSD		14.700	25.510	14.750
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.184%	0.084	0.005
%RSD		0.892	164.600	868.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.001	170.600	-0.305
%RSD		10950.000	0.525	16.660
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	496.000	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	94.834%	0.052
%RSD		186.700	0.465	22.290
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.119	7.105	0.000
%RSD		29.610	1.958	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.378%	0.204	0.337
%RSD		0.527	7.218	3.078
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.013	99.057%	
%RSD		16.570	0.613	

240-18281 -i-3-b ms, 12/10/2012 16:50:05 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.737%	M 963.700	140.400
%RSD		0.485	M 0.445	0.871
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 43060.000	69770.000	M 9636.000
%RSD		T 1.105	0.597	M 0.663
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13810.000	TM 149900.000
%RSD		0.000	T 0.377	TM 0.487
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 84.508%	87.868%	103.800
%RSD		T 0.416	1.716	4.208
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 937.100	M 950.100	82.790
%RSD		M 0.682	M 0.698	1.282
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 982.400	T 10070.000	M 916.900
%RSD		T 0.077	T 0.704	M 0.882
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 927.700	M 926.500	M 962.000
%RSD		M 1.019	M 0.678	M 1.051
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.666%	M 985.700	-3.484
%RSD		1.835	M 0.690	5.425
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 996.500	M 1840.000	99.580
%RSD		M 0.494	M 0.517	0.219
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.980	583.400
%RSD		0.000	0.684	11.440
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 996.400	90.901%	99.880
%RSD		M 0.603	0.633	0.568
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.700	M 1026.000	0.000
%RSD		1.093	M 0.804	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.135%	101.900	TM 233.300
%RSD		0.797	1.122	TM 0.434
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 959.000	89.968%	
%RSD		TM 0.277	0.619	

240-18281 -i-3-c msd, 12/10/2012 16:57:16 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.571%	M 987.700	142.100
%RSD		0.299	M 0.248	0.897
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 44230.000	70850.000	M 9998.000
%RSD		T 0.793	0.774	M 0.390
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 14230.000	TM 153800.000
%RSD		0.000	T 0.333	TM 0.321
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.732%	90.097%	104.700
%RSD		T 1.021	1.413	1.091
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 970.800	M 985.500	84.070
%RSD		M 0.410	M 0.797	2.895
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1019.000	T 10510.000	M 961.100
%RSD		TM 0.221	T 0.170	M 0.840
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 968.400	M 968.100	M 998.500
%RSD		M 0.600	M 0.739	M 0.611
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.376%	M 1029.000	-3.456
%RSD		1.210	M 0.650	7.671
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 1035.000	M 1922.000	104.100
%RSD		M 0.716	M 0.455	0.972
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.700	701.100
%RSD		0.000	0.587	31.670
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1028.000	92.378%	103.800
%RSD		M 0.333	0.254	0.733
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		104.100	M 1067.000	0.000
%RSD		1.688	M 0.687	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.526%	105.900	TM 244.600
%RSD		0.332	0.697	TM 0.360
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 984.900	91.064%	
%RSD		TM 0.741	0.526	

mb 240-67712/1-a, 12/10/2012 17:04:27 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.119%	0.104	-12.420
%RSD		0.455	2.260	4.296
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		66.420	99.220	-2.057
%RSD		9.226	9.402	41.190
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	30.700	326.500
%RSD		0.000	1.752	1.565
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T89.457%	88.728%	0.217
%RSD		T0.623	1.130	92.010
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.122	0.113	-3.386
%RSD		160.500	89.210	5.865
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.463	17.480	0.113
%RSD		1.429	3.985	96.660
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.183	0.957	7.435
%RSD		37.520	3.471	7.443
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.065%	0.197	0.201
%RSD		1.295	56.860	17.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.211	0.816	0.009
%RSD		21.820	27.430	484.200
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.017	1.394
%RSD		0.000	51.630	167.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.126	94.430%	0.210
%RSD		107.200	0.512	7.024
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.400	1.304	0.000
%RSD		4.885	9.420	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.843%	0.809	0.992
%RSD		0.714	10.050	6.758
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.214	102.920%	
%RSD		60.150	0.536	

lcs 240-67712/2-a, 12/10/2012 17:11:38 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.451%	M 969.000	80.050
%RSD		0.645	M 0.208	1.804
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9128.000	10050.000	M 9600.000
%RSD		0.214	0.641	M 0.936
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9792.000	9832.000
%RSD		0.000	T 0.130	0.355
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.877%	89.764%	92.340
%RSD		T 0.188	0.480	1.299
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 889.700	M 924.300	81.330
%RSD		M 0.582	M 0.324	4.391
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 960.500	T 9842.000	M 896.800
%RSD		T 0.219	T 0.445	M 0.855
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 931.300	M 950.700	M 999.300
%RSD		M 0.773	M 1.114	M 0.972
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.118%	M 929.900	-3.062
%RSD		2.060	M 1.139	20.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 968.900	M 893.300	92.080
%RSD		M 1.404	M 0.767	0.577
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.200	572.600
%RSD		0.000	0.464	20.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 997.100	94.210%	97.290
%RSD		M 0.246	0.671	0.724
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.900	M 952.900	0.000
%RSD		0.645	M 0.634	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.286%	93.120	TM 216.700
%RSD		1.188	0.832	TM 0.610
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 969.600	99.347%	
%RSD		TM 0.408	0.756	

240-18357 -b-7-a, 12/10/2012 17:18:50 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.314%	0.144	29.690
%RSD		0.624	4.089	0.338
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23480.000	33180.000	M 1182.000
%RSD		0.797	1.715	M 0.617
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3635.000	96780.000
%RSD		0.000	T 0.288	0.129
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.086%	90.209%	22.040
%RSD		T 0.608	1.113	35.050
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		2.136	5.376	-3.517
%RSD		10.800	2.180	10.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		81.990	1232.000	0.643
%RSD		0.439	0.818	6.054
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.840	2.676	6.841
%RSD		4.635	1.066	4.237
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.520%	0.912	0.186
%RSD		0.376	8.724	11.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.428	M 476.300	0.496
%RSD		7.097	M 0.268	12.650
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.010	0.396
%RSD		0.000	15.450	506.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.046	93.927%	0.338
%RSD		44.790	0.383	9.268
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.482	41.880	0.000
%RSD		5.323	1.253	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.445%	0.888	1.046
%RSD		0.573	11.020	5.763
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.040	95.261%	
%RSD		0.456	0.746	

SD 240-18357 -b-7-a@5, 12/10/2012 17:26:00 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.006%	0.032	-4.884
%RSD		0.509	21.390	9.672
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4981.000	7021.000	259.000
%RSD		0.309	0.511	6.267
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 754.900	20530.000
%RSD		0.000	T 0.965	0.369
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.209%	88.096%	4.080
%RSD		T 0.077	0.408	35.980
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.507	1.117	-2.967
%RSD		28.510	4.099	7.367
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		17.660	258.700	0.118
%RSD		1.124	0.713	8.246
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.377	0.593	1.559
%RSD		10.350	9.636	5.315
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.610%	0.248	-0.028
%RSD		0.718	35.870	35.010
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.067	96.990	-0.266
%RSD		120.500	0.488	5.465
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.663
%RSD		0.000	120.800	142.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	92.817%	0.133
%RSD		202.000	1.011	31.440
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.131	8.550	0.000
%RSD		22.480	2.346	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.747%	0.248	0.474
%RSD		0.590	6.853	1.578
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.222	99.653%	
%RSD		4.132	0.105	

240-18357 -b-7-b ms, 12/10/2012 17:30:58 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.038%	M 964.800	127.600
%RSD		0.451	M 0.353	2.070
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		32950.000	44550.000	M 11250.000
%RSD		0.632	1.225	M 0.638
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13940.000	M 110300.000
%RSD		0.000	T 0.082	M 0.212
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.457%	88.512%	118.200
%RSD		T 0.535	0.873	0.821
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 938.100	M 962.300	86.950
%RSD		M 0.268	M 0.459	12.350
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1059.000	T 11550.000	M 931.300
%RSD		TM 0.267	T 0.717	M 0.495
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 941.800	M 942.000	M 976.900
%RSD		M 0.311	M 0.397	M 0.252
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.023%	M 976.100	-3.078
%RSD		0.626	M 0.218	13.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 980.000	M 1445.000	99.880
%RSD		M 0.391	M 0.340	0.351
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.000	788.500
%RSD		0.000	0.610	26.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1005.000	91.832%	101.500
%RSD		M 0.622	0.488	0.620
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.700	M 1037.000	0.000
%RSD		0.143	M 0.467	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.638%	100.900	TM 233.400
%RSD		0.596	0.728	TM 0.454
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 970.800	92.949%	
%RSD		TM 0.192	0.883	

CCV 7 12/10/2012 17:38:09 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.308%	101.674%	86.728%
%RSD		0.547	0.368	0.470
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.299%	101.628%	103.281%
%RSD		T 0.749	1.193	0.850
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 103.958%	99.786%
%RSD		0.000	T 0.571	0.161
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 86.984%	89.284%	102.661%
%RSD		T 0.889	1.168	1.239
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.681%	99.565%	3.468
%RSD		1.033	0.668	3.647
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 101.239%	T 105.513%	98.365%
%RSD		T 0.274	T 1.385	1.371
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.349%	99.606%	102.460%
%RSD		1.926	1.777	0.715
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.602%	100.799%	-0.360
%RSD		1.131	2.276	0.516
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.658%	101.804%	105.437%
%RSD		4.722	1.228	0.776
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	103.896%	22.060
%RSD		0.000	0.223	84.320
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		106.125%	91.556%	103.882%
%RSD		0.380	1.403	0.898
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		105.781%	103.663%	0.000
%RSD		1.046	1.711	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		101.677%	106.721%	101.664%
%RSD		1.080	0.232	0.237
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		107.356%	91.508%	
%RSD		0.043	0.988	

CCB 7 12/10/2012 17:45:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.434%	0.113	-13.370
%RSD		0.653	12.110	3.063
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		44.230	47.710	3.892
%RSD		3.341	13.830	58.070
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	32.710	49.010
%RSD		0.000	3.327	3.653
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬86.006%	86.230%	0.266
%RSD		┬0.204	0.743	0.742
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.185	0.070	-4.540
%RSD		87.710	14.090	6.222
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.608	29.770	0.127
%RSD		1.302	2.491	18.340
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.238	0.201	0.615
%RSD		25.050	0.308	12.610
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.647%	0.188	-0.065
%RSD		0.799	44.140	83.780
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.077	0.289	0.158
%RSD		160.700	0.641	55.070
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.082	-0.381
%RSD		0.000	11.730	63.260
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.133	92.740%	0.194
%RSD		16.770	0.435	10.380
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.291	0.144	0.000
%RSD		22.620	28.970	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		101.621%	0.753	0.846
%RSD		0.257	7.630	3.380
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.278	100.994%	
%RSD		9.260	0.536	

240-18357 -b-7-c msd, 12/10/2012 17:52:32 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.881%	M 978.000	126.600
%RSD		0.953	M 0.683	0.304
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 33500.000	44200.000	M 11520.000
%RSD		T 2.029	0.845	M 0.574
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13940.000	M 110400.000
%RSD		0.000	T 0.781	M 0.401
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.255%	89.486%	120.500
%RSD		T 0.776	0.687	2.392
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 953.800	M 972.400	78.270
%RSD		M 0.759	M 0.568	4.970
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1067.000	T 11620.000	M 935.200
%RSD		TM 0.534	T 0.529	M 0.298
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 947.000	M 949.000	M 974.000
%RSD		M 0.529	M 0.542	M 0.260
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.200%	M 980.700	-3.135
%RSD		1.316	M 0.662	9.371
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 975.700	M 1443.000	100.200
%RSD		M 0.866	M 0.191	0.553
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.900	616.800
%RSD		0.000	0.786	31.190
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 1010.000	93.515%	101.700
%RSD		M 0.624	1.408	0.276
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.800	M 1050.000	0.000
%RSD		0.429	M 0.301	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.254%	101.800	TM 235.400
%RSD		0.967	1.078	TM 0.637
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 977.700	94.120%	
%RSD		TM 0.226	0.649	

240-18357 -b-8-a, 12/10/2012 17:59:44 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.343%	0.174	27.500
%RSD		0.580	5.059	4.196
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23310.000	33240.000	M 1466.000
%RSD		0.882	1.190	M 1.173
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3626.000	96590.000
%RSD		0.000	T 0.444	0.109
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.380%	91.620%	18.960
%RSD		T 0.447	0.842	4.950
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		2.523	2.136	-4.001
%RSD		9.182	3.736	6.135
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		83.490	1520.000	0.695
%RSD		0.107	1.010	3.178
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.237	3.367	17.160
%RSD		5.297	8.060	2.489
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.656%	0.956	0.194
%RSD		0.693	6.121	30.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.325	M 480.000	0.410
%RSD		35.140	M 1.041	14.500
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.018	1.669
%RSD		0.000	19.760	184.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.033	94.519%	0.415
%RSD		36.350	0.556	13.440
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.409	43.860	0.000
%RSD		14.270	1.813	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.677%	0.795	1.036
%RSD		0.977	9.121	3.753
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.204	96.176%	
%RSD		1.760	0.455	

240-18357-b-9-a, 12/10/2012 18:06:57 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.337%	0.103	26.240
%RSD		0.629	16.450	2.471
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23430.000	33510.000	M 1471.000
%RSD		0.742	0.840	M 2.069
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3647.000	97310.000
%RSD		0.000	T 0.230	0.331
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.753%	89.226%	18.600
%RSD		T 0.445	0.679	8.074
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		2.483	2.103	-3.935
%RSD		0.500	0.491	1.560
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		83.560	1536.000	0.668
%RSD		0.867	1.245	5.575
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.146	3.313	16.050
%RSD		8.033	3.535	2.835
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.953%	0.920	0.150
%RSD		0.508	6.508	8.580
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.266	M 475.300	0.066
%RSD		11.520	M 0.344	103.300
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.019	0.531
%RSD		0.000	31.560	105.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.013	92.943%	0.243
%RSD		36.510	0.510	6.143
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.226	43.890	0.000
%RSD		21.800	1.042	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.992%	0.314	0.545
%RSD		0.381	3.069	3.462
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.259	94.743%	
%RSD		0.763	0.462	

240-18430 -a-1-a, 12/10/2012 18:14:11 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.080%	0.014	M 1003.000
%RSD		0.176	63.220	M 0.257
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		32110.000	14980.000	64.490
%RSD		0.660	0.624	5.768
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3537.000	72820.000
%RSD		0.000	T 0.137	0.494
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.981%	87.777%	0.131
%RSD		T 0.861	0.779	99.450
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.114	0.090	-4.375
%RSD		107.000	9.881	3.221
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3713.000	27.480	0.836
%RSD		TM 0.115	2.328	6.780
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.304	2.275	0.969
%RSD		4.092	7.287	23.730
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.770%	0.526	0.152
%RSD		1.547	2.172	7.728
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.004	M 290.500	2.689
%RSD		3217.000	M 0.868	2.292
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.492
%RSD		0.000	64.110	27.350
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.158	91.310%	0.054
%RSD		12.510	0.963	64.990
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.109	113.000	0.000
%RSD		26.640	0.980	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.377%	0.166	0.408
%RSD		0.576	2.493	3.815
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.064	94.434%	
%RSD		9.763	0.873	

240-18430 -a-2-a, 12/10/2012 18:19:12 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.271%	0.113	107.300
%RSD		0.516	11.880	1.026
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		19510.000	8201.000	287.300
%RSD		0.671	1.600	1.529
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2401.000	29550.000
%RSD		0.000	T 0.267	0.635
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.070%	87.009%	11.220
%RSD		T 0.317	0.857	15.850
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		3.847	0.698	-3.676
%RSD		7.058	7.067	6.449
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		95.430	420.000	0.630
%RSD		0.129	1.081	8.472
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		7.114	5.392	7.301
%RSD		1.130	2.082	11.590
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.675%	2.552	0.196
%RSD		0.436	6.121	34.070
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.766	159.100	2.970
%RSD		10.930	0.651	1.728
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.019	-0.139
%RSD		0.000	8.322	796.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.031	91.404%	0.202
%RSD		41.410	0.432	12.430
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.486	56.270	0.000
%RSD		5.111	1.806	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.885%	0.544	0.345
%RSD		0.568	1.624	4.169
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.769	96.358%	
%RSD		3.460	0.370	

240-18430 -a-3-a, 12/10/2012 18:24:09 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.836%	0.025	77.660
%RSD		0.436	26.450	1.113
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		20460.000	7834.000	234.300
%RSD		0.202	2.181	0.881
Run	**Time**	**35Cl**	**39K**	**43Ca**	
		ppb	ppb	ppb
x		0.000	T 2232.000	27700.000
%RSD		0.000	T 0.517	0.675
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.102%	85.496%	1.522
%RSD		T 0.287	0.502	25.850
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.420	0.357	-3.827
%RSD		23.460	4.869	2.571
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		103.800	356.500	0.429
%RSD		0.728	0.621	4.085
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.886	5.151	4.959
%RSD		7.041	2.564	4.237
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.063%	0.473	0.128
%RSD		0.450	8.961	35.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.236	143.600	0.960
%RSD		24.480	0.286	4.374
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.582
%RSD		0.000	66.700	135.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.022	89.979%	0.259
%RSD		48.050	0.394	16.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.143	37.930	0.000
%RSD		8.103	1.791	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.317%	0.141	0.259
%RSD		0.564	7.946	4.246
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.564	95.949%	
%RSD		2.706	0.793	

240-18430 -a-4-a, 12/10/2012 18:29:07 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.284%	0.035	77.740
%RSD		0.147	31.670	2.585
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		20070.000	7886.000	312.100
%RSD		0.708	0.441	3.152
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2249.000	27640.000
%RSD		0.000	T 0.082	0.331
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.764%	84.759%	3.204
%RSD		T 0.739	0.904	13.940
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.423	0.591	-3.651
%RSD		106.800	1.661	8.756
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 116.800	467.300	0.517
%RSD		T 0.863	0.549	13.030
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		4.287	3.490	20.830
%RSD		5.319	3.444	2.132
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.139%	0.679	0.174
%RSD		0.789	10.240	9.722
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.324	144.400	1.015
%RSD		31.730	0.337	4.374
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.853
%RSD		0.000	80.860	194.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.038	90.224%	0.540
%RSD		26.090	0.469	4.155
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.129	38.710	0.000
%RSD		14.920	1.533	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.275%	0.140	0.233
%RSD		0.527	5.294	1.528
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.274	95.877%	
%RSD		1.656	0.774	

240-18430 -a-5-a, 12/10/2012 18:34:04 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.597%	0.025	89.330
%RSD		0.481	74.760	1.317
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 1086000.000	7229.000	141.200
%RSD		TM 0.483	0.865	2.011
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2685.000	35640.000
%RSD		0.000	T 0.778	0.381
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 71.922%	73.683%	1.044
%RSD		T 0.218	1.529	21.490
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.341	0.850	-4.446
%RSD		51.360	5.435	5.638
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 162.200	316.000	0.328
%RSD		T 0.676	1.765	10.860
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		10.070	6.711	6.079
%RSD		3.087	4.301	4.966
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		68.256%	0.861	0.110
%RSD		2.575	6.870	17.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.100	176.400	1.292
%RSD		139.200	0.928	6.504
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.026	0.017
%RSD		0.000	9.620	17410.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.050	74.379%	0.275
%RSD		50.200	1.176	12.130
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.173	43.620	0.000
%RSD		15.710	1.025	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.538%	0.138	0.226
%RSD		0.877	7.734	3.419
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.484	67.018%	
%RSD		2.511	0.595	

240-18430 -a-6-a, 12/10/2012 18:39:01 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.477%	0.008	71.650
%RSD		0.732	69.330	1.174
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 145900.000	11180.000	42.700
%RSD		TM 0.427	1.217	12.340
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3289.000	74930.000
%RSD		0.000	T 0.500	0.164
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.411%	82.744%	1.813
%RSD		T 0.153	1.059	87.160
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.925	2.436	-3.570
%RSD		31.320	1.645	15.980
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 738.500	40.810	0.162
%RSD		T 0.222	1.826	12.830
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.935	1.588	19.420
%RSD		4.671	8.060	1.655
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.572%	1.170	0.193
%RSD		0.778	10.410	1.401
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.019	M 283.800	2.034
%RSD		488.600	M 0.708	5.604
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.073	-0.641
%RSD		0.000	17.080	634.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.108	85.450%	0.113
%RSD		24.930	0.702	28.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.183	82.610	0.000
%RSD		7.552	0.611	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.144%	0.124	0.202
%RSD		0.875	1.888	1.925
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.121	85.705%	
%RSD		8.635	0.874	

240-18430 -a-7-a, 12/10/2012 18:44:00 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.981%	0.006	63.630
%RSD		0.507	28.870	2.126
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 36570.000	10600.000	36.920
%RSD		T 0.851	1.111	6.957
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2439.000	43210.000
%RSD		0.000	T 0.818	0.620
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.231%	85.581%	0.269
%RSD		T 0.791	0.623	86.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.091	0.070	-3.416
%RSD		245.500	15.150	5.824
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2878.000	36.590	0.602
%RSD		TM 0.556	1.224	8.697
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.262	0.531	0.990
%RSD		2.735	2.027	7.726
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.912%	0.347	0.146
%RSD		0.368	29.950	34.080
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.020	M 215.700	1.992
%RSD		521.200	M 0.889	3.277
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.080
%RSD		0.000	244.600	998.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.038	88.403%	0.102
%RSD		35.240	0.736	13.870
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.079	100.300	0.000
%RSD		19.520	1.082	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.021%	0.050	0.183
%RSD		0.613	6.388	4.453
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.023	92.009%	
%RSD		14.630	0.482	

CCV 8 12/10/2012 18:48:57 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.381%	101.621%	85.576%
%RSD		0.287	0.257	1.437
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 98.117%	103.445%	102.558%
%RSD		T 0.540	0.831	1.063
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 105.560%	99.041%
%RSD		0.000	T 0.162	0.408
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.543%	87.015%	102.176%
%RSD		T 0.855	0.975	2.150
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.101%	98.723%	4.518
%RSD		0.964	0.085	7.303
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 100.152%	T 106.775%	97.222%
%RSD		T 0.154	T 0.632	1.212
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		97.956%	98.526%	100.842%
%RSD		0.669	0.241	1.411
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.476%	100.752%	-0.421
%RSD		0.243	0.532	33.170
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		102.291%	101.834%	105.461%
%RSD		3.718	0.757	1.210
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.497%	30.870
%RSD		0.000	0.548	110.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.105%	88.173%	106.943%
%RSD		0.489	0.340	0.921
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.707%	105.058%	0.000
%RSD		0.816	0.620	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.976%	106.763%	99.421%
%RSD		0.958	0.596	0.529
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.511%	88.898%	
%RSD		0.381	0.429	

CCB 8 12/10/2012 18:56:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.408%	0.120	-14.890
%RSD		0.232	3.320	2.782
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		45.120	45.340	4.661
%RSD		0.520	15.340	21.140
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	38.350	58.320
%RSD		0.000	0.115	1.427
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 85.804%	85.574%	0.178
%RSD		T 0.554	1.306	42.420
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.049	0.087	-3.893
%RSD		181.100	20.960	4.057
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.675	28.270	0.106
%RSD		3.212	10.070	6.696
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.172	0.149	0.815
%RSD		5.727	21.470	12.680
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.233%	0.143	-0.042
%RSD		0.472	80.000	147.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.007	0.293	0.004
%RSD		240.100	20.020	678.100
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.068	-1.792
%RSD		0.000	6.766	143.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.106	91.781%	0.140
%RSD		7.464	0.993	22.450
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.154	0.169	0.000
%RSD		11.030	24.430	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		102.325%	0.564	0.526
%RSD		0.633	10.530	5.870
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.245	99.727%	
%RSD		4.092	0.208	

240-18430 -a-8-a, 12/10/2012 19:01:08 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.302%	0.053	70.800
%RSD		0.542	27.120	1.002
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17280.000	8081.000	583.300
%RSD		0.469	2.244	0.949
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2264.000	28490.000
%RSD		0.000	T 0.253	0.323
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.476%	88.299%	7.285
%RSD		T 0.479	0.401	8.363
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.056	0.878	-3.089
%RSD		27.340	4.898	12.350
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		91.040	916.500	0.611
%RSD		0.418	0.849	3.012
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.740	2.466	5.301
%RSD		8.873	2.967	1.079
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.169%	0.692	0.158
%RSD		0.565	14.730	18.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.263	144.300	1.429
%RSD		46.230	0.622	0.981
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-0.574
%RSD		0.000	17.580	136.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.049	91.175%	0.354
%RSD		23.800	0.586	6.062
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.158	39.430	0.000
%RSD		11.640	0.128	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		103.802%	0.247	0.333
%RSD		0.507	6.277	6.300
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.007	96.147%	
%RSD		1.826	0.891	

240-18430 -a-9-a, 12/10/2012 19:06:06 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.359%	0.016	95.410
%RSD		0.354	27.210	2.565
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 1290000.000	7516.000	66.890
%RSD		TM 0.900	1.664	8.709
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2900.000	29740.000
%RSD		0.000	T 0.332	0.376
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 74.652%	79.028%	2.001
%RSD		T 0.306	1.837	17.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.139	1.015	-4.083
%RSD		9.498	7.476	7.008
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 153.000	4324.000	0.517
%RSD		T 0.177	0.473	2.883
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		5.533	M 248.900	13.270
%RSD		3.718	M 0.140	1.098
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.199%	16.870	0.169
%RSD		2.037	0.750	21.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.870	M 255.800	12.070
%RSD		12.130	M 0.399	1.502
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	2.219
%RSD		0.000	72.640	136.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.068	75.949%	0.480
%RSD		67.400	1.994	8.553
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.881	31.730	0.000
%RSD		4.455	0.939	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.956%	0.511	0.326
%RSD		0.889	2.489	2.370
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.444	65.946%	
%RSD		0.332	1.115	

240-18430 -a-10-a, 12/10/2012 19:11:09 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		24.453%	0.029	M 241.400
%RSD		1.421	54.340	M 2.105
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 15720000.000	1555.000	155.800
%RSD		TM 0.884	5.751	1.965
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7070.000	9003.000
%RSD		0.000	T 0.589	0.674
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		40.240%	47.527%	0.245
%RSD		0.431	2.036	100.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.450	0.749	-2.709
%RSD		50.880	11.460	12.640
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		134.300	7803.000	1.272
%RSD		0.139	0.455	5.097
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		64.740	0.297	51.670
%RSD		1.909	40.790	2.946
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		36.740%	0.108	0.222
%RSD		2.689	174.100	25.670
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.355	128.400	-0.322
%RSD		42.180	0.780	7.524
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	0.000
%RSD		0.000	91.580	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.018	36.293%	0.104
%RSD		226.900	2.225	18.320
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.123	46.900	0.000
%RSD		13.670	0.524	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		36.291%	0.080	0.201
%RSD		1.214	1.156	4.119
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		2.291	21.568%	
%RSD		0.211	0.851	

240-18447 -a-1-a, 12/10/2012 19:16:08 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.666%	0.014	M 1263.000
%RSD		0.382	83.170	M 0.190
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 255100.000	5611.000	86.400
%RSD		TM 1.776	1.788	6.305
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 21140.000	8148.000
%RSD		0.000	T 0.136	0.138
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.425%	95.216%	3.108
%RSD		T 0.796	0.945	15.440
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.065	0.379	2.769
%RSD		10.140	5.151	11.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		34.320	111.200	0.315
%RSD		0.582	2.719	8.431
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 210.400	2.719	42.650
%RSD		M 1.428	3.946	1.000
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.365%	1.088	-0.413
%RSD		0.761	4.498	4.696
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.224	32.870	M 922.500
%RSD		35.560	1.810	M 1.650
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	52.560
%RSD		0.000	43.690	17.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.289	93.640%	10.510
%RSD		6.719	0.380	1.385
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.252	2.860	0.000
%RSD		6.235	4.363	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.891%	0.484	0.149
%RSD		0.743	3.804	8.013
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.291	88.557%	
%RSD		1.972	0.401	

240-18448 -a-1-a, 12/10/2012 19:21:08 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		98.198%	0.005	M 783.000
%RSD		0.927	103.300	M 0.735
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 125300.000	13530.000	353.900
%RSD		TM 0.512	1.277	1.867
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 17760.000	68280.000
%RSD		0.000	T 0.207	0.561
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 98.272%	103.379%	19.210
%RSD		T 1.126	0.924	9.267
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.552	10.660	2.044
%RSD		19.720	0.165	31.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1844.000	3279.000	1.439
%RSD		TM 0.384	0.482	3.686
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 480.400	60.580	M 4072.000
%RSD		M 0.359	0.957	M 0.447
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.034%	1.007	-0.808
%RSD		1.277	7.790	2.432
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.187	M 302.200	M 1438.000
%RSD		108.400	M 0.143	M 1.141
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.038	72.880
%RSD		0.000	16.750	6.097
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.183	99.790%	8.781
%RSD		25.990	1.044	1.388
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.589	72.280	0.000
%RSD		3.335	0.263	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		111.921%	0.531	0.150
%RSD		0.646	1.557	1.511
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		17.230	109.045%	
%RSD		0.944	0.792	

240-18456 -a-1-a, 12/10/2012 19:26:10 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		99.664%	0.001	1.728
%RSD		0.224	307.900	50.270
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		635.200	71.180	40.910
%RSD		1.779	13.680	6.129
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	128.700	357.800
%RSD		0.000	0.891	2.715
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 100.356%	102.101%	0.562
%RSD		T 0.337	0.256	39.900
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.286	0.204	-0.372
%RSD		33.050	25.540	8.809
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		2.755	42.700	0.009
%RSD		0.668	2.135	24.700
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.399	1.282	9.366
%RSD		20.440	8.880	0.911
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		104.130%	0.090	0.121
%RSD		0.532	101.200	21.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.101	0.708	28.730
%RSD		70.750	6.554	21.340
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.014	3.591
%RSD		0.000	19.540	33.040
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.021	102.552%	0.205
%RSD		61.660	0.229	11.590
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.161	1.481	0.000
%RSD		17.080	6.172	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		112.941%	0.058	0.110
%RSD		0.497	4.950	1.423
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.535	107.015%	
%RSD		4.073	0.353	

mb 240-67196/1-a, 12/10/2012 19:31:11 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		96.744%	-0.000	-10.890
%RSD		0.388	1118.000	6.240
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		290.300	52.360	-3.262
%RSD		2.336	3.814	9.796
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	47.680	202.800
%RSD		0.000	1.036	2.200
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T97.986%	100.475%	0.115
%RSD		T0.564	1.133	100.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.014	0.072	-1.104
%RSD		2134.000	39.080	52.060
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.371	8.600	-0.001
%RSD		2.895	2.582	113.400
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.172	0.808	10.350
%RSD		17.700	5.371	2.557
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		102.048%	-0.053	0.149
%RSD		0.680	156.200	11.050
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.076	0.313	5.123
%RSD		53.650	6.774	14.700
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.194
%RSD		0.000	572.100	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	101.792%	5.346
%RSD		243.800	0.517	1.876
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.020	0.791	0.000
%RSD		42.200	21.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		111.072%	0.035	0.093
%RSD		0.462	5.693	7.531
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.268	106.972%	
%RSD		3.904	0.816	

lcs 240-67196/2-a, 12/10/2012 19:36:08 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		95.509%	M 890.100	70.890
%RSD		0.658	M 0.490	1.966
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8980.000	9846.000	M 9048.000
%RSD		0.397	0.655	M 0.729
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9765.000	9137.000
%RSD		0.000	T 0.469	0.717
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 95.614%	99.959%	89.160
%RSD		T 0.461	1.047	7.288
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 839.800	M 874.200	80.080
%RSD		M 0.483	M 0.383	2.706
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 894.900	T 9581.000	M 854.600
%RSD		T 0.465	T 0.326	M 0.179
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 879.600	M 898.800	M 942.700
%RSD		M 0.389	M 0.415	M 0.487
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.152%	M 881.500	-2.840
%RSD		0.664	M 0.486	7.678
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 899.400	M 840.500	88.910
%RSD		M 0.543	M 0.405	0.597
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	96.610	642.900
%RSD		0.000	0.203	19.020
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 957.600	100.855%	92.740
%RSD		M 0.546	0.661	0.586
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		93.630	M 907.600	0.000
%RSD		0.541	M 1.010	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.030%	88.070	TM 204.600
%RSD		0.626	1.344	TM 0.575
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 919.200	103.579%	
%RSD		TM 0.175	0.174	

240-18084 -s-5-a, 12/10/2012 19:43:20 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.594%	0.047	M 568.000
%RSD		0.198	6.878	M 0.312
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 188600.000	71960.000	2.153
%RSD		TM 0.648	0.775	4.189
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 81070.000	37350.000
%RSD		0.000	T 0.249	0.196
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 93.436%	99.105%	0.854
%RSD		T 0.965	0.443	21.030
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.467	0.984	0.867
%RSD		11.930	3.041	29.890
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		5.657	2731.000	3.138
%RSD		0.814	0.476	0.823
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		10.180	0.539	2.546
%RSD		5.506	14.360	7.299
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.349%	0.753	-0.300
%RSD		1.117	8.196	1.817
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.362	M 402.200	26.610
%RSD		54.120	M 0.244	0.927
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	1.467
%RSD		0.000	86.480	29.540
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	93.635%	1.163
%RSD		104.600	1.673	5.089
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.369	79.020	0.000
%RSD		6.476	1.500	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.026%	2.234	0.815
%RSD		1.064	3.682	7.114
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.021	89.286%	
%RSD		46.350	1.103	

SD 240-18084 -s-5-a@5, 12/10/2012 19:50:33 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		102.325%	0.018	110.400
%RSD		0.453	26.170	1.660
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 39950.000	15260.000	1.015
%RSD		T 0.161	1.041	49.820
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 17230.000	7935.000
%RSD		0.000	T 0.424	0.484
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 100.356%	105.737%	0.145
%RSD		T 0.493	0.562	114.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.060	0.256	2.138
%RSD		200.900	3.975	14.710
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.265	570.300	0.650
%RSD		1.092	0.918	3.333
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.143	0.176	1.414
%RSD		2.230	8.200	12.630
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		104.274%	0.132	-0.102
%RSD		0.490	51.790	67.930
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.110	80.520	5.287
%RSD		135.700	0.547	3.122
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.195
%RSD		0.000	1414.000	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	101.583%	0.282
%RSD		129.300	0.646	13.220
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.112	16.040	0.000
%RSD		33.840	2.131	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		114.101%	0.499	0.320
%RSD		0.443	4.499	3.585
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.005	102.335%	
%RSD		27.960	0.548	

CCV 9 12/10/2012 19:55:36 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		96.190%	98.583%	82.742%
%RSD		0.265	0.516	0.508
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.853%	107.359%	102.687%
%RSD		T 0.561	0.654	2.757
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 110.833%	99.323%
%RSD		0.000	T 0.480	0.070
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 95.333%	101.297%	102.771%
%RSD		T 0.570	0.833	6.951
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.933%	98.847%	6.276
%RSD		0.419	0.550	9.345
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 100.337%	T 108.999%	97.694%
%RSD		T 0.178	T 0.449	0.872
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.902%	100.015%	102.999%
%RSD		0.657	0.460	1.011
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.831%	101.373%	-0.297
%RSD		0.969	0.678	45.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.603%	101.765%	108.543%
%RSD		2.773	0.901	0.626
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	107.512%	52.950
%RSD		0.000	0.468	57.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		109.453%	97.169%	107.321%
%RSD		0.303	0.695	0.500
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		109.095%	103.632%	0.000
%RSD		0.379	1.280	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.957%	108.089%	99.788%
%RSD		1.100	0.447	0.425
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.196%	96.099%	
%RSD		0.127	0.492	

CCB 9 12/10/2012 20:02:48 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.652%	0.121	-15.630
%RSD		0.396	12.170	1.961
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		125.000	55.490	3.063
%RSD		3.667	9.805	27.690
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	52.960	58.880
%RSD		0.000	0.181	8.992
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T94.344%	100.686%	0.228
%RSD		T0.309	1.150	1.083
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		-0.044	0.137	-2.216
%RSD		385.200	1.078	13.460
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.747	30.510	0.124
%RSD		2.106	3.822	10.280
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.186	0.125	0.658
%RSD		21.560	39.900	11.920
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		101.529%	0.060	0.003
%RSD		0.408	116.000	547.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.135	0.283	0.419
%RSD		90.390	13.170	13.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.073	-0.021
%RSD		0.000	2.031	9841.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.120	100.341%	0.148
%RSD		11.090	0.607	4.667
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.166	0.131	0.000
%RSD		21.640	20.180	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		111.501%	0.614	0.600
%RSD		0.864	9.445	4.472
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.255	107.676%	
%RSD		2.371	0.159	

ICSA 12/10/2012 20:10:01 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.829%	0.011	-16.690
%RSD		0.480	35.100	1.262
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50800.000	53880.000	M 49590.000
%RSD		T 0.180	0.343	M 0.218
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 55300.000	49940.000
%RSD		0.000	T 0.367	0.551
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.826%	99.374%	M 1003.000
%RSD		T 0.607	1.032	M 1.969
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.064	0.580	-1.335
%RSD		177.700	10.250	12.980
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.123	TM 54260.000	0.044
%RSD		9.652	TM 0.992	20.810
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.347	0.203	1.079
%RSD		4.637	13.160	6.978
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		97.005%	0.151	-0.148
%RSD		0.832	57.180	14.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.018	0.123	M 1015.000
%RSD		553.200	19.430	M 1.246
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.038	72.380
%RSD		0.000	10.840	26.910
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.024	96.518%	0.109
%RSD		292.400	1.151	12.730
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.158	0.065	0.000
%RSD		4.908	38.130	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.324%	0.254	0.303
%RSD		1.313	4.816	5.216
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.165	95.949%	
%RSD		5.844	1.370	

ICSAB 12/10/2012 20:14:59 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.652%	98.584%	77.095%
%RSD		0.238	0.326	1.411
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.963%	108.592%	M 99.179%
%RSD		T 0.424	0.471	M 0.327
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 112.888%	100.769%
%RSD		0.000	T 0.403	0.165
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.212%	100.371%	M 101.500%
%RSD		T 0.525	1.354	M 0.862
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.223%	99.580%	6.837
%RSD		0.684	0.262	21.650
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 102.147%	TM 109.979%	96.376%
%RSD		T 0.274	TM 0.582	1.046
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.473%	98.867%	104.545%
%RSD		0.399	0.958	0.043
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.656%	99.106%	-0.123
%RSD		1.861	1.034	139.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.114%	98.636%	M 1142.000
%RSD		3.658	1.174	M 0.454
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	106.725%	140.700
%RSD		0.000	0.187	40.630
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.890%	98.049%	107.838%
%RSD		0.698	0.826	1.088
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		107.828%	104.805%	0.000
%RSD		0.391	0.969	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		111.393%	106.942%	100.836%
%RSD		1.368	0.611	0.377
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		108.587%	97.667%	
%RSD		0.167	1.197	

CCV 12/10/2012 20:22:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.917%	97.744%	79.241%
%RSD		0.401	0.836	0.384
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		┬ 101.872%	107.279%	103.307%
%RSD		┬ 0.228	0.837	3.620
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	┬ 111.591%	99.990%
%RSD		0.000	┬ 0.393	0.285
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		┬ 95.307%	104.758%	102.300%
%RSD		┬ 0.519	0.814	2.008
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		98.361%	99.315%	5.441
%RSD		0.885	0.864	7.722
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		┬ 100.648%	┬ 109.906%	97.874%
%RSD		┬ 0.087	┬ 0.561	0.667
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		99.326%	100.778%	103.280%
%RSD		0.791	1.501	1.189
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		101.921%	101.298%	-0.447
%RSD		1.399	1.902	40.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		102.007%	100.829%	119.697%
%RSD		2.564	1.016	1.413
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	107.260%	28.720
%RSD		0.000	0.125	153.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		107.620%	101.101%	106.458%
%RSD		0.685	0.473	0.560
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		107.415%	104.711%	0.000
%RSD		1.023	2.152	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		114.785%	109.723%	100.032%
%RSD		0.974	0.813	0.521
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		107.008%	99.709%	
%RSD		0.209	0.956	

CCB 12/10/2012 20:29:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.559%	0.130	-17.480
%RSD		0.523	10.890	3.274
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		99.850	63.780	4.703
%RSD		1.960	3.247	17.830
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	58.960	65.190
%RSD		0.000	2.339	7.285
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T94.717%	103.315%	0.295
%RSD		T0.067	0.944	56.650
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.080	0.117	-2.886
%RSD		182.700	10.660	4.428
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.794	34.350	0.128
%RSD		2.399	5.756	15.740
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.192	0.123	0.543
%RSD		23.260	13.000	37.980
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		104.142%	-0.005	0.009
%RSD		1.501	2296.000	295.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.141	0.285	2.462
%RSD		59.980	14.980	10.180
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.087	-0.605
%RSD		0.000	8.536	234.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.120	102.591%	0.209
%RSD		37.150	0.065	14.240
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.220	0.152	0.000
%RSD		9.081	45.320	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		115.154%	0.826	0.686
%RSD		0.575	11.330	4.539
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.265	109.858%	
%RSD		2.470	0.639	

240-18084 -s-5-b ms, 12/10/2012 20:36:36 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.427%	M 907.200	M 617.000
%RSD		0.239	M 0.212	M 0.115
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 184000.000	76000.000	M 9246.000
%RSD		TM 0.763	0.248	M 0.556
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 87640.000	44560.000
%RSD		0.000	T 0.426	0.977
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.730%	104.338%	92.570
%RSD		T 1.050	1.154	1.538
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 899.800	M 915.700	78.760
%RSD		M 0.260	M 0.139	4.236
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 925.600	T 12420.000	M 890.000
%RSD		T 0.369	T 0.275	M 0.376
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 898.100	M 903.000	M 922.900
%RSD		M 0.120	M 0.507	M 0.119
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.606%	M 936.400	-3.418
%RSD		1.274	M 0.415	10.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 912.600	M 1288.000	124.500
%RSD		M 0.911	M 0.297	1.379
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.800	571.000
%RSD		0.000	0.531	16.940
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 989.900	98.023%	100.200
%RSD		M 0.581	0.882	0.318
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.000	M 1039.000	0.000
%RSD		0.183	M 0.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.235%	104.200	TM 234.000
%RSD		0.830	0.418	TM 0.181
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 938.500	93.702%	
%RSD		TM 0.410	1.235	

240-18084 -s-5-c msd, 12/10/2012 20:43:49 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.653%	M 916.300	M 651.800
%RSD		0.965	M 0.701	M 0.383
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 195900.000	80880.000	M 9318.000
%RSD		TM 0.362	0.505	M 0.252
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 92850.000	46800.000
%RSD		0.000	T 0.963	0.496
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 94.630%	105.563%	97.160
%RSD		T 0.412	1.069	3.853
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 919.000	M 938.000	84.950
%RSD		M 0.557	M 0.699	2.377
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 938.700	T 12750.000	M 909.600
%RSD		T 0.861	T 0.135	M 0.752
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 919.000	M 920.400	M 942.900
%RSD		M 0.820	M 0.725	M 0.922
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.281%	M 952.200	-3.690
%RSD		1.898	M 0.924	10.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 934.500	M 1331.000	127.500
%RSD		M 1.338	M 0.621	0.836
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.190	742.100
%RSD		0.000	0.647	12.240
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 997.800	99.388%	100.700
%RSD		M 0.921	1.173	0.583
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.700	M 1062.000	0.000
%RSD		0.393	M 0.754	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		113.156%	106.200	TM 238.300
%RSD		1.323	0.944	TM 0.387
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 946.800	94.118%	
%RSD		TM 0.357	0.529	

240-18209 -a-1-a, 12/10/2012 20:51:02 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.662%	0.070	8.392
%RSD		0.855	4.710	1.698
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		22370.000	58760.000	12.960
%RSD		0.581	0.559	16.590
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7227.000	TM 747300.000
%RSD		0.000	T 0.756	TM 0.282
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 91.115%	106.230%	0.656
%RSD		T 0.909	1.880	50.030
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.327	0.075	-3.774
%RSD		28.690	16.740	4.818
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 821.500	105.100	2.132
%RSD		T 0.368	3.697	2.192
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		11.960	1.079	22.400
%RSD		2.498	3.638	1.514
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.012%	1.028	0.221
%RSD		1.759	13.080	25.510
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.196	M 936.100	0.900
%RSD		13.260	M 0.183	8.911
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	0.278
%RSD		0.000	65.010	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.070	100.040%	0.396
%RSD		10.910	1.528	7.928
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.409	M 235.900	0.000
%RSD		6.513	M 0.964	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.739%	1.794	1.265
%RSD		1.178	6.006	6.525
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.074	90.151%	
%RSD		0.374	1.930	

240-18209 -a-2-a, 12/10/2012 20:58:15 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.035%	0.074	7.349
%RSD		0.907	9.808	9.699
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		16090.000	65380.000	774.800
%RSD		1.044	0.769	1.981
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 4990.000	TM 989900.000
%RSD		0.000	T 0.607	TM 0.221
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.461%	104.877%	8.473
%RSD		T 1.125	2.080	16.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.328	2.638	-3.752
%RSD		20.430	3.691	5.950
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1967.000	2082.000	14.130
%RSD		TM 0.381	0.546	1.995
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		80.990	36.840	47.940
%RSD		1.711	0.989	2.063
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.354%	1.010	0.220
%RSD		2.104	13.380	31.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.255	M 769.200	1.136
%RSD		45.630	M 0.193	7.746
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.224	-0.180
%RSD		0.000	0.853	306.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.063	99.841%	0.945
%RSD		31.640	1.816	3.729
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.280	101.600	0.000
%RSD		6.222	0.135	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		111.293%	8.440	1.098
%RSD		1.830	1.506	0.734
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.283	86.432%	
%RSD		1.130	1.583	

240-18209 -a-3-a, 12/10/2012 21:05:29 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		45.156%	0.023	-0.781
%RSD		0.629	14.740	75.220
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14260.000	M 349900.000	15.680
%RSD		0.924	M 0.184	11.290
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13350.000	TM 4680000.000
%RSD		0.000	T 0.056	TM 0.239
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 63.525%	92.600%	0.677
%RSD		T 1.134	1.788	30.340
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.175	-0.018	-1.932
%RSD		138.900	133.100	11.690
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11850.000	-1421.000	66.760
%RSD		TM 0.152	1.700	0.856
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 402.800	60.560	53.700
%RSD		M 0.534	0.049	2.840
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.232%	3.784	0.435
%RSD		1.994	3.609	12.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.197	TM 3361.000	-0.095
%RSD		129.700	TM 0.338	88.230
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	7.128	0.503
%RSD		0.000	1.195	1077.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.394	76.352%	0.123
%RSD		20.210	1.544	8.240
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.168	M 640.100	0.000
%RSD		24.070	M 0.685	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.985%	0.275	1.736
%RSD		1.983	9.181	1.203
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.169	50.674%	
%RSD		1.366	2.483	

240-18209 -a-4-a, 12/10/2012 21:10:33 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.691%	0.041	-0.497
%RSD		0.341	11.280	158.300
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		26010.000	M 107300.000	453.600
%RSD		0.408	M 0.475	2.552
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7333.000	TM 808900.000
%RSD		0.000	T 0.261	TM 0.074
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.664%	99.513%	5.457
%RSD		T 0.846	1.312	23.950
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.018	0.811	-3.508
%RSD		24.550	7.277	13.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 587.800	T 14410.000	1.407
%RSD		T 0.206	T 0.292	6.414
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		7.000	1.401	M 230.400
%RSD		3.136	3.900	M 0.322
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.821%	1.482	0.225
%RSD		0.905	7.837	25.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.198	M 612.500	0.396
%RSD		104.700	M 0.693	7.227
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.022	0.392
%RSD		0.000	9.693	671.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.067	97.657%	0.301
%RSD		26.660	0.690	6.130
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.132	M 353.000	0.000
%RSD		19.830	M 1.035	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.529%	0.403	0.351
%RSD		1.378	3.152	1.326
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.534	87.483%	
%RSD		1.179	1.443	

CCV 10 12/10/2012 21:15:31 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.333%	101.698%	82.400%
%RSD		0.132	0.791	0.366
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 101.775%	107.148%	103.918%
%RSD		┬ 1.240	0.339	1.964
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 109.001%	97.698%
%RSD		0.000	┬ 0.443	0.504
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬ 95.598%	102.370%	101.988%
%RSD		┬ 0.984	1.258	2.672
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.832%	98.486%	6.025
%RSD		0.901	1.051	10.930
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 100.415%	┬ 110.331%	95.751%
%RSD		┬ 0.327	┬ 0.832	0.322
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		96.397%	96.741%	101.384%
%RSD		0.521	0.735	0.589
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.241%	100.171%	-0.430
%RSD		0.144	0.850	82.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.754%	101.743%	104.974%
%RSD		0.533	0.150	1.735
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.257%	68.780
%RSD		0.000	0.404	45.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.917%	100.404%	106.232%
%RSD		0.679	0.904	0.367
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.594%	105.845%	0.000
%RSD		0.212	0.832	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		112.755%	106.405%	99.338%
%RSD		0.507	0.533	0.187
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		107.618%	98.973%	
%RSD		0.611	0.746	

CCB 10 12/10/2012 21:22:43 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.132%	0.139	-16.430
%RSD		0.213	4.559	2.694
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		76.950	64.040	5.502
%RSD		5.888	18.360	45.260
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	56.400	108.800
%RSD		0.000	1.211	3.321
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T92.425%	96.424%	0.277
%RSD		T0.377	0.444	137.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.211	0.150	-3.726
%RSD		137.500	7.656	11.490
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.926	36.630	0.138
%RSD		1.808	3.554	4.723
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.233	0.164	0.476
%RSD		3.555	38.170	16.570
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.013%	0.209	-0.025
%RSD		0.711	42.690	178.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.128	0.375	0.238
%RSD		24.340	13.570	21.900
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.097	-0.675
%RSD		0.000	4.736	278.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.155	99.704%	0.160
%RSD		11.440	0.112	3.696
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.209	0.194	0.000
%RSD		4.831	15.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.823%	0.649	0.657
%RSD		0.551	9.335	5.019
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.279	107.564%	
%RSD		3.577	0.642	

240-18209 -a-5-a, 12/10/2012 21:29:56 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.465%	0.016	55.790
%RSD		0.052	8.430	0.981
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		15960.000	41590.000	9.182
%RSD		0.744	0.819	14.850
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7241.000	TM 149200.000
%RSD		0.000	T 0.298	TM 0.467
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 90.674%	94.796%	0.408
%RSD		T 0.326	1.208	97.530
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.445	0.479	-3.551
%RSD		13.770	10.090	5.051
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.559	1.385	0.093
%RSD		0.726	132.800	17.040
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.746	0.922	54.080
%RSD		9.812	8.701	1.211
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.615%	0.326	0.161
%RSD		1.191	9.860	42.660
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.500	M 387.300	1.694
%RSD		60.400	M 0.775	0.642
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	0.366
%RSD		0.000	70.540	232.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	95.411%	0.291
%RSD		353.300	0.766	12.160
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.472	72.710	0.000
%RSD		11.490	1.101	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.423%	1.356	0.362
%RSD		1.182	0.466	1.626
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.036	96.637%	
%RSD		7.312	1.108	

240-18209 -a-6-a, 12/10/2012 21:35:02 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.648%	0.013	-6.280
%RSD		0.627	57.810	8.481
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11910.000	26060.000	66.740
%RSD		0.402	0.536	3.379
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 34640.000	85880.000
%RSD		0.000	T 0.082	0.156
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.538%	93.078%	2.018
%RSD		T 0.368	0.727	13.270
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.024	2.093	-2.354
%RSD		1400.000	3.762	18.640
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		30.180	1028.000	0.632
%RSD		0.554	0.770	3.995
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.639	1.444	94.920
%RSD		2.840	7.814	0.347
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.227%	0.706	0.187
%RSD		0.649	15.740	20.660
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.169	108.800	0.958
%RSD		41.950	1.418	10.970
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.975
%RSD		0.000	127.100	194.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.011	94.171%	1.216
%RSD		91.410	0.344	5.727
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.170	39.720	0.000
%RSD		13.500	0.784	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.539%	0.322	0.242
%RSD		0.548	4.669	3.027
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.276	97.619%	
%RSD		3.083	0.681	

240-18209 -a-7-a, 12/10/2012 21:40:04 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.718%	0.013	-1.515
%RSD		0.067	35.870	5.387
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 68280.000	5921.000	58.060
%RSD		T 0.629	1.159	4.157
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	TM 124000.000	4536.000
%RSD		0.000	TM 0.038	1.142
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.625%	88.901%	0.518
%RSD		T 0.851	1.105	25.940
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		2.398	5.922	-2.581
%RSD		4.826	1.363	19.310
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.276	39.200	0.251
%RSD		3.135	2.387	5.264
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.011	1.332	15.680
%RSD		6.711	6.147	2.969
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.987%	1.443	0.133
%RSD		1.162	4.787	43.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.710	114.800	7.054
%RSD		15.880	0.527	3.887
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	-0.141
%RSD		0.000	138.700	336.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.002	88.903%	1.409
%RSD		449.500	0.214	3.562
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.851	20.990	0.000
%RSD		9.483	0.274	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.403%	2.220	0.219
%RSD		1.150	2.872	3.329
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.031	92.879%	
%RSD		7.175	0.886	

240-18209 -a-8-a, 12/10/2012 21:45:03 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.047%	0.010	44.830
%RSD		0.131	25.010	0.281
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 67270.000	15940.000	32.790
%RSD		T 0.103	0.192	2.013
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5941.000	M 99940.000
%RSD		0.000	T 0.077	M 0.085
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.659%	91.925%	0.961
%RSD		T 0.557	0.658	53.310
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.286	0.122	-2.957
%RSD		49.810	9.287	13.560
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 544.900	1270.000	1.330
%RSD		T 0.165	0.296	2.953
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.539	0.587	3.401
%RSD		3.741	1.962	6.714
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.371%	1.138	0.130
%RSD		0.372	2.751	24.230
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.068	M 201.800	0.415
%RSD		125.500	M 0.710	5.557
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.704
%RSD		0.000	253.300	317.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	91.968%	0.221
%RSD		74.470	0.370	9.668
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.078	39.300	0.000
%RSD		22.250	1.293	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.052%	0.304	0.200
%RSD		0.834	6.872	2.820
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.034	94.421%	
%RSD		5.646	0.484	

240-18209 -a-9-a, 12/10/2012 21:50:02 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.996%	0.010	53.160
%RSD		0.313	28.610	2.089
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 78320.000	15720.000	3.511
%RSD		T 0.342	0.425	36.070
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6174.000	83070.000
%RSD		0.000	T 0.302	0.274
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.135%	92.585%	0.249
%RSD		T 0.495	0.611	86.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.392	0.180	-2.764
%RSD		41.790	12.490	2.639
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1113.000	T 5805.000	0.783
%RSD		TM 0.289	T 0.580	2.389
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.947	0.407	2.661
%RSD		6.633	15.450	2.003
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.847%	2.160	0.158
%RSD		0.610	3.621	14.030
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.001	M 199.800	0.094
%RSD		6763.000	M 1.150	84.090
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.000	-0.057
%RSD		0.000	1080.000	1963.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.010	92.126%	0.312
%RSD		153.100	0.894	9.045
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.060	39.260	0.000
%RSD		22.160	1.834	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.673%	0.115	0.164
%RSD		0.654	8.468	4.002
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.004	94.734%	
%RSD		71.520	0.639	

240-18209 -a-10-a, 12/10/2012 21:55:01 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.668%	0.009	-10.040
%RSD		0.747	45.080	3.549
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 54760.000	31040.000	4.353
%RSD		T 0.399	0.574	15.270
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1158.000	TM 115200.000
%RSD		0.000	T 0.411	TM 0.085
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.401%	91.703%	0.209
%RSD		T 0.210	0.448	91.440
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.098	0.059	-3.296
%RSD		229.200	17.200	11.230
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		39.960	1446.000	0.060
%RSD		0.479	0.526	14.940
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.385	0.267	2.836
%RSD		7.703	4.472	10.100
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.503%	0.898	0.166
%RSD		0.970	10.680	39.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.052	180.600	0.070
%RSD		60.290	0.658	33.940
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	284.400	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	92.089%	0.366
%RSD		196.300	0.753	5.364
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.037	66.900	0.000
%RSD		25.850	1.084	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.202%	0.120	0.148
%RSD		0.949	10.210	6.663
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.012	94.793%	
%RSD		17.830	0.325	

240-18209 -a-11-a, 12/10/2012 22:00:00 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.271%	0.008	19.760
%RSD		0.451	36.830	1.631
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 43180.000	18230.000	1.943
%RSD		T 0.879	2.539	17.160
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3401.000	M 110200.000
%RSD		0.000	T 0.411	M 0.216
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.913%	91.010%	0.211
%RSD		T 0.246	0.700	35.120
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.119	0.101	-3.659
%RSD		153.100	28.930	8.350
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.652	-78.830	0.068
%RSD		2.094	0.834	13.970
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.985	0.837	2.049
%RSD		11.620	12.750	2.726
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.245%	0.100	0.183
%RSD		1.179	115.400	16.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.064	144.500	-0.318
%RSD		137.000	0.564	3.289
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.083
%RSD		0.000	46.460	932.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	92.046%	0.146
%RSD		977.700	0.599	8.922
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.077	18.580	0.000
%RSD		17.600	1.528	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.089%	0.081	0.145
%RSD		1.050	5.828	2.409
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.009	95.809%	
%RSD		26.610	0.685	

240-18209 -a-12-a, 12/10/2012 22:04:59 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.151%	0.009	35.180
%RSD		0.051	28.060	0.547
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 80580.000	20670.000	2.963
%RSD		T 0.873	0.793	6.413
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 4823.000	M 102800.000
%RSD		0.000	T 0.481	M 0.247
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.354%	89.650%	0.127
%RSD		T 0.528	1.269	173.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.202	0.092	-3.619
%RSD		23.680	12.210	6.943
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 266.200	-12.920	1.073
%RSD		T 0.199	11.580	2.098
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.086	0.563	11.820
%RSD		3.269	14.140	2.251
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.152%	0.767	0.160
%RSD		1.255	25.710	28.740
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.101	177.800	2.489
%RSD		106.000	0.136	4.380
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.146
%RSD		0.000	321.800	773.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	90.120%	0.975
%RSD		1242.000	1.210	2.143
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.057	36.420	0.000
%RSD		21.290	0.314	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.819%	0.844	0.211
%RSD		1.164	2.339	2.596
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.024	93.524%	
%RSD		10.680	0.647	

240-18209 -a-13-a, 12/10/2012 22:09:58 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.930%	0.011	-8.324
%RSD		0.519	15.320	3.226
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		28610.000	28020.000	-1.808
%RSD		0.693	0.762	21.940
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1240.000	TM 100700.000
%RSD		0.000	T 0.365	TM 1.710
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.175%	90.754%	0.254
%RSD		T 0.536	0.259	50.230
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.037	0.060	-2.952
%RSD		832.100	45.170	17.580
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		27.120	1405.000	0.022
%RSD		0.272	0.487	18.460
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.719	0.258	2.420
%RSD		15.100	16.410	6.313
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.530%	0.468	0.147
%RSD		0.432	18.130	14.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.039	M 226.800	0.035
%RSD		21.400	M 0.112	202.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.000
%RSD		0.000	131.500	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	92.238%	0.396
%RSD		348.000	1.200	2.976
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.047	61.960	0.000
%RSD		66.600	0.378	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.177%	0.133	0.120
%RSD		1.228	7.779	2.874
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.182	96.438%	
%RSD		3.184	0.830	

240-18209 -a-14-a, 12/10/2012 22:14:58 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.178%	0.010	7.670
%RSD		0.593	75.400	3.268
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		21040.000	14730.000	30.850
%RSD		0.961	1.523	10.150
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2185.000	M 122900.000
%RSD		0.000	T 0.644	M 0.523
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.495%	89.377%	0.387
%RSD		T 0.885	1.586	34.830
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.126	0.138	-3.226
%RSD		151.600	14.300	11.430
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.844	-54.820	0.060
%RSD		0.979	2.380	10.420
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.944	1.041	7.291
%RSD		14.610	5.816	9.704
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.938%	0.232	0.173
%RSD		1.506	20.060	7.553
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.069	112.600	-0.296
%RSD		181.300	0.845	13.910
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	-0.654
%RSD		0.000	1169.000	0.479
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.012	91.007%	0.279
%RSD		23.220	0.300	12.720
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.090	15.550	0.000
%RSD		12.590	0.223	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.123%	0.075	0.118
%RSD		0.768	7.745	8.515
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.014	96.301%	
%RSD		34.920	0.265	

CCV 11 12/10/2012 22:19:56 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.995%	98.915%	79.443%
%RSD		0.815	0.774	2.602
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 102.392%	107.757%	105.306%
%RSD		┬0.693	0.769	1.754
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 109.597%	99.451%
%RSD		0.000	┬0.506	0.294
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬88.826%	94.877%	101.041%
%RSD		┬0.600	0.728	2.122
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		96.070%	98.238%	6.199
%RSD		0.952	0.681	21.240
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 100.582%	┬ 108.695%	95.838%
%RSD		┬0.302	┬0.751	0.616
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.154%	96.871%	102.622%
%RSD		0.799	0.286	0.709
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.830%	99.856%	-0.379
%RSD		0.926	0.615	22.560
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.895%	100.608%	105.980%
%RSD		2.187	0.525	0.472
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.729%	99.350
%RSD		0.000	0.371	98.570
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		108.073%	92.835%	107.796%
%RSD		1.260	0.669	0.496
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		109.468%	104.453%	0.000
%RSD		1.246	0.703	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.348%	107.761%	100.105%
%RSD		0.416	0.627	0.523
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		108.878%	94.475%	
%RSD		0.800	0.380	

CCB 11 12/10/2012 22:27:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.334%	0.150	-16.800
%RSD		0.215	3.413	1.150
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		72.810	64.190	5.611
%RSD		2.752	12.340	9.076
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	60.990	124.100
%RSD		0.000	0.054	9.592
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T87.593%	90.726%	0.337
%RSD		T0.387	0.258	78.180
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.255	0.138	-3.596
%RSD		79.200	19.200	7.631
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.984	37.160	0.154
%RSD		1.604	4.794	15.640
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.240	0.164	0.485
%RSD		1.208	9.997	32.930
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.320%	0.038	-0.035
%RSD		0.894	227.500	85.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.105	0.370	0.155
%RSD		115.900	3.767	49.530
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.112	-0.086
%RSD		0.000	3.004	316.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.152	93.557%	0.162
%RSD		25.410	0.461	20.660
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.171	0.160	0.000
%RSD		16.950	48.590	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.580%	0.592	0.523
%RSD		0.701	5.824	6.701
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.287	103.214%	
%RSD		1.814	0.180	

240-18209 -a-15-a, 12/10/2012 22:32:15 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.261%	0.009	-3.314
%RSD		0.579	44.290	18.760
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		6917.000	25110.000	2.874
%RSD		0.502	0.680	22.520
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 14740.000	77400.000
%RSD		0.000	T 0.639	0.298
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 88.356%	91.260%	0.335
%RSD		T 0.427	0.893	42.650
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.261	3.825	-3.314
%RSD		54.130	2.112	4.009
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		41.790	36.290	0.496
%RSD		0.105	2.418	2.665
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.583	0.300	2.501
%RSD		0.209	5.673	7.204
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.487%	2.108	0.193
%RSD		0.602	8.283	12.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.459	M 249.100	3.731
%RSD		45.300	M 0.070	4.267
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.293
%RSD		0.000	118.100	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	92.649%	0.963
%RSD		393.600	0.252	4.880
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.543	36.690	0.000
%RSD		2.133	0.724	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.616%	1.921	0.324
%RSD		1.384	0.122	2.371
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.000	97.343%	
%RSD		2078.000	0.830	

240-18209 -a-16-a, 12/10/2012 22:37:24 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.552%	0.011	-4.203
%RSD		0.407	40.660	5.387
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18730.000	25290.000	19.540
%RSD		0.326	1.506	13.670
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2214.000	M 104300.000
%RSD		0.000	T 0.394	M 0.503
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 87.768%	90.311%	0.763
%RSD		T 0.231	0.297	49.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.019	0.235	-3.106
%RSD		1103.000	12.920	15.560
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		42.320	1306.000	0.092
%RSD		0.364	0.658	6.978
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.338	0.346	1.997
%RSD		5.176	36.300	3.875
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.600%	0.690	0.183
%RSD		1.405	21.020	6.405
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.048	186.400	0.332
%RSD		117.900	0.831	8.911
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	-0.360
%RSD		0.000	198.800	407.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	91.379%	0.277
%RSD		39.910	1.231	18.380
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.051	53.630	0.000
%RSD		13.930	2.193	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.301%	0.223	0.206
%RSD		1.007	3.965	4.444
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.008	96.417%	
%RSD		66.400	0.572	

240-18209 -a-17-a, 12/10/2012 22:42:25 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.702%	0.268	86.290
%RSD		0.986	2.945	3.405
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		6344.000	41580.000	M 4929.000
%RSD		0.811	1.044	M 0.976
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 8067.000	TM 611100.000
%RSD		0.000	T 1.134	TM 0.284
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 81.016%	87.722%	65.980
%RSD		T 0.936	1.496	0.632
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		8.829	13.130	-3.490
%RSD		5.549	1.622	7.977
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 404.000	T 5938.000	2.840
%RSD		T 0.188	T 0.721	4.602
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		12.450	11.650	46.930
%RSD		3.576	1.433	1.624
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.462%	2.350	0.234
%RSD		1.405	7.274	22.940
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.399	M 360.600	0.746
%RSD		57.660	M 0.785	9.213
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.052	-0.384
%RSD		0.000	13.260	280.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.073	88.609%	1.113
%RSD		4.515	1.248	2.493
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.345	58.110	0.000
%RSD		1.134	0.966	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.979%	1.362	0.323
%RSD		2.033	2.739	1.586
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		6.071	86.706%	
%RSD		0.158	1.655	

240-18209 -a-18-a, 12/10/2012 22:47:25 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.825%	0.005	3.349
%RSD		0.602	11.730	16.500
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12300.000	17220.000	6.602
%RSD		0.522	1.254	28.930
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2448.000	M 128000.000
%RSD		0.000	T 0.267	M 0.267
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.470%	90.998%	0.337
%RSD		T 0.570	0.325	21.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.277	0.900	-3.652
%RSD		47.680	3.238	8.080
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.491	-75.710	0.443
%RSD		1.014	0.914	5.109
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.189	0.910	5.625
%RSD		11.630	1.955	6.105
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.772%	0.270	0.166
%RSD		0.607	39.040	25.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.194	103.100	-0.200
%RSD		34.910	0.574	26.280
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	-0.359
%RSD		0.000	258.100	403.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	92.101%	0.145
%RSD		145.600	1.191	19.380
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.079	15.260	0.000
%RSD		11.380	1.644	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.857%	0.169	0.167
%RSD		1.087	7.558	2.382
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.006	97.290%	
%RSD		34.110	0.657	

240-18209 -a-19-a, 12/10/2012 22:52:25 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.331%	0.013	-10.290
%RSD		0.115	11.050	3.339
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1115.000	19870.000	65.020
%RSD		0.565	1.265	9.589
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 848.800	84510.000
%RSD		0.000	T 1.097	0.318
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.950%	90.102%	1.148
%RSD		T 0.268	1.464	48.230
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.003	0.145	-2.757
%RSD		7385.000	28.450	6.766
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		35.210	899.200	0.037
%RSD		0.533	1.205	36.460
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.432	0.420	3.047
%RSD		30.010	16.020	3.662
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.006%	0.722	0.186
%RSD		2.157	14.360	30.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.050	102.000	0.196
%RSD		70.060	1.115	38.540
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.001	0.291
%RSD		0.000	342.200	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.001	92.584%	0.091
%RSD		399.000	0.901	33.000
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.017	32.870	0.000
%RSD		149.300	1.643	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.789%	0.086	0.125
%RSD		0.947	6.825	1.762
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.083	99.045%	
%RSD		12.620	0.310	

CCV 12 12/10/2012 22:57:34 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.815%	99.920%	80.001%
%RSD		0.284	0.158	1.439
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 102.520%	107.455%	103.460%
%RSD		┬0.333	0.653	0.616
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 109.406%	99.809%
%RSD		0.000	┬0.646	0.103
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬88.928%	94.959%	103.468%
%RSD		┬0.189	1.075	4.342
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		97.182%	98.374%	5.678
%RSD		0.535	0.801	11.460
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 100.949%	┬ 108.408%	96.889%
%RSD		┬0.268	┬0.296	0.716
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		98.352%	98.700%	102.254%
%RSD		1.010	1.392	1.445
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.024%	100.092%	-0.544
%RSD		0.316	0.896	17.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.919%	101.833%	104.804%
%RSD		2.250	1.251	0.910
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.030%	96.840
%RSD		0.000	0.678	72.870
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		108.475%	94.202%	106.341%
%RSD		1.203	0.947	0.212
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		108.414%	103.938%	0.000
%RSD		0.567	0.680	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.806%	107.295%	100.072%
%RSD		1.197	0.587	0.379
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		108.491%	95.098%	
%RSD		0.100	0.534	

CCB 12 12/10/2012 23:04:46 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.334%	0.153	-16.030
%RSD		0.687	7.135	1.315
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		77.020	72.760	3.872
%RSD		1.976	1.396	23.300
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	65.640	140.800
%RSD		0.000	0.600	1.910
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T88.167%	91.429%	0.419
%RSD		T0.714	0.628	46.490
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.076	0.165	-3.510
%RSD		215.400	6.368	7.529
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.028	40.150	0.162
%RSD		2.139	3.482	0.588
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.214	0.199	0.766
%RSD		13.400	21.540	13.350
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.518%	0.113	-0.033
%RSD		1.306	50.860	182.700
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.109	0.392	0.102
%RSD		93.740	2.969	127.500
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.118	2.843
%RSD		0.000	3.868	92.030
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.155	94.649%	0.208
%RSD		5.787	0.510	19.940
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.166	0.181	0.000
%RSD		14.890	23.800	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.844%	0.604	0.538
%RSD		0.457	10.130	7.309
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.301	104.619%	
%RSD		3.149	0.635	

MB 240-67107/1-A, 12/10/2012 23:09:48 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.972%	0.002	-16.520
%RSD		0.711	32.460	2.455
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		62.830	55.020	4.243
%RSD		2.504	4.781	39.120
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	44.800	313.200
%RSD		0.000	0.164	2.014
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T91.602%	94.551%	0.202
%RSD		T0.401	0.572	68.800
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.047	0.295	-3.848
%RSD		254.600	9.760	7.252
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		0.855	36.240	0.006
%RSD		1.334	3.312	125.300
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.257	0.749	6.491
%RSD		31.890	14.770	7.066
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		94.370%	0.029	0.171
%RSD		0.713	154.500	24.940
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		-0.005	0.357	-0.184
%RSD		1452.000	8.011	35.430
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.002	0.279
%RSD		0.000	60.110	173.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.006	97.138%	21.410
%RSD		82.740	0.490	0.873
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.059	1.183	0.000
%RSD		6.333	10.850	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		111.666%	0.286	0.395
%RSD		0.806	6.556	1.919
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.440	105.000%	
%RSD		1.749	0.509	

LCS 240 -67107/3-A, 12/10/2012 23:14:47 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.582%	M 854.400	67.750
%RSD		0.625	M 0.555	2.139
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		9277.000	10310.000	M 9478.000
%RSD		0.500	1.250	M 0.492
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 10340.000	9781.000
%RSD		0.000	T 0.117	0.820
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 90.986%	96.362%	93.170
%RSD		T 0.654	0.831	5.406
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		M 877.400	M 920.200	79.310
%RSD		M 0.361	M 0.424	2.959
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 951.300	T 10190.000	M 885.100
%RSD		T 0.127	T 0.814	M 0.644
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		M 901.600	M 913.100	M 849.700
%RSD		M 0.373	M 0.387	M 0.349
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		93.822%	M 819.400	-2.579
%RSD		1.265	M 0.535	7.524
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		M 758.300	M 915.500	95.320
%RSD		M 0.669	M 0.341	1.258
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	100.600	567.600
%RSD		0.000	0.336	7.423
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		M 937.000	96.714%	117.300
%RSD		M 0.202	0.510	0.736
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		94.310	M 965.400	0.000
%RSD		0.565	M 0.479	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		113.385%	94.860	TM 224.000
%RSD		0.685	0.444	TM 0.198
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		TM 983.500	101.150%	
%RSD		TM 0.343	0.427	

240-18134 -B-1-A@5, 12/10/2012 23:22:01 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.953%	2.013	-11.240
%RSD		0.089	1.190	2.195
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		119.200	5659.000	M 15440.000
%RSD		4.162	0.278	M 0.687
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1559.000	10480.000
%RSD		0.000	T 0.563	0.090
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 95.576%	100.895%	177.700
%RSD		T 0.265	1.470	1.276
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		40.010	74.650	1.705
%RSD		1.099	0.966	31.210
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2594.000	TM 102800.000	19.870
%RSD		TM 0.233	TM 0.466	1.029
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		49.860	59.500	M 280.900
%RSD		0.995	0.347	M 0.434
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		101.357%	76.690	0.178
%RSD		0.609	1.438	52.420
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.241	27.000	6.461
%RSD		11.590	1.767	2.255
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.212	-7.731
%RSD		0.000	2.033	36.370
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.597	101.990%	3.755
%RSD		5.034	0.128	0.918
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.046	181.800	0.000
%RSD		1.481	0.749	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		121.235%	1.122	1.281
%RSD		1.597	1.123	3.612
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		105.800	108.355%	
%RSD		0.738	0.386	

240-18134 -B-2-A@5, 12/10/2012 23:29:15 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.341%	1.441	-11.660
%RSD		0.150	3.142	2.865
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		105.200	5031.000	M 24650.000
%RSD		2.397	3.566	M 0.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1777.000	4133.000
%RSD		0.000	T 0.284	0.970
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 96.242%	102.633%	M 214.400
%RSD		T 0.536	0.608	M 4.559
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		48.940	29.540	-2.532
%RSD		0.926	0.540	6.661
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1174.000	TM 66420.000	18.210
%RSD		TM 0.434	TM 0.994	0.702
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		42.000	47.110	M 246.300
%RSD		0.470	0.269	M 0.065
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		102.060%	30.620	0.088
%RSD		0.858	1.774	56.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.191	22.140	6.923
%RSD		5.752	0.333	1.107
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.182	-7.868
%RSD		0.000	1.622	49.530
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.822	102.098%	5.335
%RSD		11.530	1.020	2.026
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.687	M 255.900	0.000
%RSD		7.847	M 0.435	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		119.041%	0.329	1.022
%RSD		1.022	3.929	1.129
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 260.000	108.755%	
%RSD		TM 0.284	1.303	

240-18134 -B-3-A@10, 12/10/2012 23:34:15 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.645%	0.894	-10.330
%RSD		0.372	7.188	3.908
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		138.300	4764.000	M 11860.000
%RSD		2.147	0.905	M 0.229
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 925.800	9720.000
%RSD		0.000	T 0.141	0.438
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 92.645%	96.667%	179.700
%RSD		T 0.652	0.582	5.685
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		31.280	83.650	3.036
%RSD		0.498	0.662	37.250
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1267.000	T 43500.000	9.202
%RSD		TM 0.125	T 0.871	1.674
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		27.170	29.700	M 228.600
%RSD		1.212	0.455	M 0.891
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.706%	18.460	0.028
%RSD		1.336	2.259	74.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.749	25.030	6.891
%RSD		11.340	0.931	1.760
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.544	-0.437
%RSD		0.000	2.034	522.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.589	98.502%	2.920
%RSD		8.268	0.325	6.710
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.371	105.700	0.000
%RSD		4.787	0.786	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		114.012%	1.076	0.502
%RSD		0.493	2.082	2.932
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		73.710	108.450%	
%RSD		0.416	0.386	

240-18134 -B-4-A@20, 12/10/2012 23:39:23 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.144%	0.389	-3.939
%RSD		0.325	3.848	21.280
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		58.790	14560.000	M 9103.000
%RSD		5.003	1.822	M 0.367
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	401.800	46900.000
%RSD		0.000	0.438	0.339
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 78.620%	83.274%	M 491.700
%RSD		T 0.165	0.555	M 1.761
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		67.810	M 762.700	68.430
%RSD		2.110	M 0.322	3.294
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4196.000	T 48680.000	5.791
%RSD		TM 0.117	T 0.406	0.689
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		161.000	65.730	M 239.500
%RSD		0.511	1.157	M 0.223
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.634%	7.705	0.046
%RSD		1.415	4.385	92.130
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.840	39.190	34.950
%RSD		17.660	1.439	0.451
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.141	-0.453
%RSD		0.000	16.570	1894.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.832	89.291%	3.046
%RSD		7.277	0.829	2.332
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.757	60.330	0.000
%RSD		6.777	0.345	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		104.978%	14.600	0.251
%RSD		0.946	0.071	4.020
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		37.390	102.435%	
%RSD		0.126	0.853	

CCV 13 12/10/2012 23:44:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.156%	100.608%	80.032%
%RSD		0.617	0.778	0.836
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬ 100.326%	105.084%	101.694%
%RSD		┬0.846	1.476	3.034
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬ 109.218%	100.480%
%RSD		0.000	┬0.499	0.427
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬84.574%	91.171%	97.991%
%RSD		┬0.413	1.235	2.250
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		95.873%	97.828%	5.291
%RSD		1.786	0.912	38.120
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬ 102.206%	┬ 107.647%	95.194%
%RSD		┬0.351	┬0.575	0.812
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		97.080%	96.914%	102.588%
%RSD		1.119	0.989	2.592
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.493%	97.903%	-0.411
%RSD		0.938	0.559	32.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.840%	100.808%	105.570%
%RSD		2.737	0.945	0.989
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.698%	147.900
%RSD		0.000	0.679	57.170
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		108.872%	91.836%	107.604%
%RSD		0.705	0.592	1.000
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		109.077%	104.254%	0.000
%RSD		0.679	1.395	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		107.270%	108.195%	100.259%
%RSD		0.517	0.732	0.385
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		110.124%	95.177%	
%RSD		0.400	0.415	

CCB 13 12/10/2012 23:51:34 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		83.071%	0.182	-16.930
%RSD		0.316	3.147	0.958
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		80.730	73.780	5.990
%RSD		2.674	10.830	22.350
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	73.750	156.800
%RSD		0.000	1.966	2.290
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.946%	87.804%	0.522
%RSD		T 0.411	0.950	24.190
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.390	0.169	-5.052
%RSD		48.830	23.340	3.251
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.306	47.850	0.192
%RSD		2.261	8.603	6.492
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.270	0.194	0.565
%RSD		24.160	10.680	6.062
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.919%	0.055	-0.034
%RSD		0.663	141.500	98.940
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.189	0.365	0.264
%RSD		12.120	7.142	29.630
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.137	-1.835
%RSD		0.000	5.333	12.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.161	92.195%	0.201
%RSD		6.451	0.253	13.630
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.192	0.180	0.000
%RSD		10.290	4.054	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		105.973%	0.692	0.594
%RSD		1.123	9.064	6.150
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.325	104.627%	
%RSD		2.130	0.215	

mb 240-67776/1-a, 12/10/2012 23:56:35 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.403%	0.027	-17.780
%RSD		0.457	5.078	2.467
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		50.970	51.350	1.804
%RSD		2.857	13.020	93.120
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	29.480	208.800
%RSD		0.000	0.233	0.700
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.031%	88.714%	0.345
%RSD		T 0.274	0.449	43.520
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.075	0.276	-5.766
%RSD		167.200	9.488	2.427
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.496	26.940	0.029
%RSD		1.768	3.395	35.980
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.257	1.556	4.398
%RSD		22.750	6.363	7.935
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.108%	-0.151	0.187
%RSD		0.937	30.850	11.620
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.059	0.393	-0.236
%RSD		61.520	12.750	18.710
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.009	-0.056
%RSD		0.000	41.300	997.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.047	93.794%	16.500
%RSD		41.270	0.758	1.902
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.046	2.798	0.000
%RSD		50.830	2.571	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		109.992%	0.270	0.407
%RSD		0.311	6.342	1.885
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.657	105.163%	
%RSD		1.423	0.334	

lcs 240-67776/3-a, 12/11/2012 00:01:53 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.958%	M 827.000	64.980
%RSD		0.943	M 0.604	2.219
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8879.000	9811.000	M 9073.000
%RSD		0.774	1.135	M 0.467
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9831.000	9377.000
%RSD		0.000	T 0.568	0.552
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 86.845%	91.527%	89.060
%RSD		T 0.428	1.042	3.304
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 838.400	M 881.200	77.280
%RSD		M 0.775	M 0.962	5.662
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 920.700	T 9742.000	M 846.000
%RSD		T 0.087	T 0.340	M 0.720
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 866.700	M 878.800	M 840.900
%RSD		M 0.587	M 0.794	M 0.486
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.129%	M 800.200	-2.863
%RSD		1.309	M 0.578	2.652
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 754.100	M 872.700	90.400
%RSD		M 1.131	M 0.647	0.365
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.570	679.900
%RSD		0.000	0.641	22.320
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 911.700	94.573%	105.700
%RSD		M 0.869	0.417	0.637
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		90.910	M 919.800	0.000
%RSD		0.693	M 0.736	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		111.638%	90.540	TM 214.200
%RSD		0.673	0.506	TM 0.283
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 962.200	102.648%	
%RSD		TM 0.089	0.355	

240-18434-b-22-a, 12/11/2012 00:09:07 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.596%	4.912	63.590
%RSD		0.144	0.725	2.064
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		785.300	M 242400.000	M 54810.000
%RSD		1.000	M 0.359	M 1.046
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7797.000	TM 580800.000
%RSD		0.000	T 0.369	TM 0.101
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 77.732%	88.253%	M 882.500
%RSD		T 0.521	1.787	M 0.896
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		141.900	87.560	2.245
%RSD		1.117	1.048	83.930
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4569.000	TM 155200.000	58.600
%RSD		TM 0.252	TM 0.334	0.207
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		116.800	M 490.200	M 984.700
%RSD		0.674	M 0.554	M 0.676
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.988%	89.930	0.544
%RSD		1.827	1.433	17.840
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.635	M 613.100	12.880
%RSD		8.259	M 0.252	0.743
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.499	-32.150
%RSD		0.000	5.137	41.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.969	89.648%	45.830
%RSD		9.754	1.301	0.550
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		122.200	M 685.700	0.000
%RSD		0.859	M 0.482	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.568%	3.788	2.707
%RSD		1.601	1.383	2.533
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1169.000	91.889%	
%RSD		TM 0.139	1.387	

SD 240-18434-b-22-a@5, 12/11/2012 00:14:10 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.638%	1.195	1.774
%RSD		0.406	6.138	27.520
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		176.300	54900.000	M 12030.000
%RSD		1.462	0.213	M 0.553
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1619.000	M 123500.000
%RSD		0.000	T 0.925	M 0.094
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 82.803%	89.729%	181.800
%RSD		T 0.205	0.834	6.083
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		29.470	18.550	-4.028
%RSD		0.715	0.624	10.340
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 985.800	T 32450.000	12.590
%RSD		T 0.396	T 1.019	2.092
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		25.930	112.400	M 235.700
%RSD		1.477	0.575	M 1.315
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.016%	19.710	0.074
%RSD		0.742	0.510	79.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.995	117.700	2.210
%RSD		15.550	0.686	6.085
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.136	-11.000
%RSD		0.000	4.877	24.090
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.807	92.806%	9.854
%RSD		9.694	0.217	2.143
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		27.470	142.400	0.000
%RSD		1.713	1.294	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		111.538%	0.902	0.764
%RSD		0.786	1.340	1.317
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 281.400	99.073%	
%RSD		TM 0.508	1.070	

240-18434-b-22-d ms, 12/11/2012 00:19:09 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.617%	M 785.800	139.700
%RSD		0.601	M 0.319	1.349
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8703.000	M 319000.000	M 71090.000
%RSD		0.180	M 0.340	M 0.569
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 19650.000	TM 726000.000
%RSD		0.000	T 0.311	TM 0.253
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 78.306%	90.592%	M 1180.000
%RSD		T 1.018	2.029	M 0.643
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 972.100	M 930.300	81.470
%RSD		M 0.368	M 0.218	1.772
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5108.000	TM 157800.000	M 847.900
%RSD		TM 0.177	TM 0.786	M 0.419
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 868.800	M 1123.000	M 1545.000
%RSD		M 0.661	M 0.548	M 0.661
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.373%	M 893.500	-2.222
%RSD		0.924	M 1.199	15.880
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 788.600	M 1678.000	104.700
%RSD		M 1.836	M 0.916	1.337
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	82.780	512.700
%RSD		0.000	0.701	28.240
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 858.300	89.975%	123.800
%RSD		M 0.428	1.119	0.032
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		44.960	M 1576.000	0.000
%RSD		1.322	M 0.282	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		116.238%	67.360	TM 217.600
%RSD		1.504	0.342	TM 0.547
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1441.000	87.649%	
%RSD		TM 0.115	1.373	

240-18434-b-22-e msd, 12/11/2012 00:26:24 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.114%	M 825.200	112.400
%RSD		0.820	M 0.598	0.943
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8510.000	M 182300.000	M 68140.000
%RSD		0.551	M 0.675	M 0.781
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 17230.000	TM 521700.000
%RSD		0.000	T 0.335	TM 0.066
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 77.272%	88.871%	M 856.000
%RSD		T 0.765	1.189	M 0.831
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 949.700	M 928.100	76.680
%RSD		M 0.530	M 0.187	4.660
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5411.000	TM 159400.000	M 857.600
%RSD		TM 0.053	TM 0.921	M 0.584
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 900.800	M 1200.000	M 1642.000
%RSD		M 0.089	M 0.741	M 0.637
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.974%	M 902.900	-2.218
%RSD		0.871	M 1.144	23.560
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 806.200	M 1578.000	102.300
%RSD		M 1.521	M 0.657	1.125
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	84.770	504.500
%RSD		0.000	0.135	30.370
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 879.700	90.449%	133.400
%RSD		M 0.137	1.152	0.247
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		42.850	M 1540.000	0.000
%RSD		0.518	M 0.425	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		118.483%	67.840	TM 210.700
%RSD		1.135	0.685	TM 0.342
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1631.000	93.310%	
%RSD		TM 0.414	0.947	

240-18434-b-23-a, 12/11/2012 00:33:38 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.436%	5.264	76.870
%RSD		0.666	3.072	1.492
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		906.400	M 163700.000	M 70690.000
%RSD		1.071	M 0.412	M 0.995
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13500.000	TM 635800.000
%RSD		0.000	T 0.533	TM 0.477
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 76.390%	89.191%	M 674.400
%RSD		T 0.495	1.303	M 1.346
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		160.000	121.900	4.070
%RSD		0.344	0.230	26.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5803.000	TM 202600.000	67.680
%RSD		TM 0.334	TM 0.529	0.212
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		137.600	M 377.500	M 1105.000
%RSD		1.121	M 0.360	M 0.218
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.229%	62.890	0.602
%RSD		1.254	0.637	9.239
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.343	M 960.500	10.520
%RSD		6.447	M 0.639	2.856
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.398	-20.910
%RSD		0.000	3.374	16.040
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.867	91.710%	37.430
%RSD		3.930	1.283	0.791
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		10.040	M 1083.000	0.000
%RSD		4.314	M 0.412	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		121.824%	1.515	2.505
%RSD		1.266	3.032	2.110
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1024.000	93.464%	
%RSD		TM 0.234	1.192	

240-18434-b-24-a, 12/11/2012 00:40:52 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.690%	8.835	64.480
%RSD		0.998	1.427	2.017
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		670.300	68100.000	M 141600.000
%RSD		0.534	0.634	M 0.504
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 21130.000	TM 144600.000
%RSD		0.000	T 0.380	TM 0.009
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 85.758%	98.529%	M 393.600
%RSD		T 0.625	1.344	M 1.231
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 227.700	197.000	10.970
%RSD		M 0.443	0.307	9.429
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7000.000	TM 340700.000	132.100
%RSD		TM 0.100	TM 0.357	0.529
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 258.800	181.300	M 654.800
%RSD		M 0.583	0.646	M 0.433
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.636%	46.270	0.892
%RSD		1.362	1.374	11.730
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		10.680	M 618.000	3.060
%RSD		3.551	M 0.491	1.448
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.194	-39.020
%RSD		0.000	9.698	15.380
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.784	96.544%	11.000
%RSD		11.320	0.538	1.297
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.519	M 697.300	0.000
%RSD		0.721	M 0.987	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		137.864%	0.304	1.547
%RSD		1.552	2.725	0.723
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		134.600	103.249%	
%RSD		0.255	0.763	

240-18434-b-25-a, 12/11/2012 00:45:56 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.348%	6.465	69.750
%RSD		0.435	1.645	0.197
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		912.500	M 232300.000	M 48770.000
%RSD		1.058	M 0.387	M 0.349
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 8253.000	TM 447300.000
%RSD		0.000	T 0.324	TM 0.635
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 76.383%	85.903%	M 891.600
%RSD		T 0.621	0.787	M 1.616
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		128.700	85.860	1.677
%RSD		0.585	0.341	10.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2725.000	TM 165400.000	56.500
%RSD		TM 0.246	TM 0.488	1.027
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		123.000	M 883.800	M 454.200
%RSD		0.121	M 0.808	M 0.269
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.579%	91.940	0.399
%RSD		2.126	0.820	22.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.802	M 714.300	7.455
%RSD		6.260	M 0.514	3.111
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.349	-39.870
%RSD		0.000	1.919	16.380
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.242	89.749%	29.170
%RSD		5.680	1.297	1.393
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		17.870	M 829.200	0.000
%RSD		0.467	M 0.568	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		118.215%	4.840	1.826
%RSD		0.839	0.778	1.401
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1643.000	98.889%	
%RSD		TM 0.382	1.166	

240-18434-b-26-a, 12/11/2012 00:50:55 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.165%	9.997	43.020
%RSD		0.208	0.890	2.905
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		654.000	M 102600.000	M 38100.000
%RSD		0.551	M 0.751	M 0.980
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6192.000	TM 247400.000
%RSD		0.000	T 0.729	TM 0.129
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 75.089%	85.065%	M 1449.000
%RSD		T 0.573	1.771	M 0.376
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		144.200	76.370	1.076
%RSD		0.195	0.372	74.220
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2849.000	TM 206800.000	61.050
%RSD		TM 0.062	TM 0.141	0.231
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		111.500	M 524.800	M 447.900
%RSD		0.486	M 0.446	M 0.903
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.057%	128.500	0.404
%RSD		1.399	1.291	12.360
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		14.570	M 539.400	16.750
%RSD		5.802	M 0.998	1.673
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.696	-23.780
%RSD		0.000	4.058	52.330
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.380	90.858%	58.320
%RSD		1.396	1.319	0.171
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		24.230	M 736.200	0.000
%RSD		2.008	M 0.485	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		119.619%	2.323	2.694
%RSD		0.872	1.241	0.771
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1895.000	108.874%	
%RSD		TM 0.332	1.338	

CCV 12/11/2012 00:56:02 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.162%	102.413%	82.366%
%RSD		0.669	0.484	2.160
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 98.472%	103.038%	102.801%
%RSD		T 0.305	0.933	0.360
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 107.772%	98.089%
%RSD		0.000	T 0.335	0.581
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 81.407%	88.177%	101.762%
%RSD		T 0.885	1.297	0.880
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		96.036%	97.528%	4.364
%RSD		0.967	0.596	9.948
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 101.487%	T 109.300%	95.187%
%RSD		T 0.466	T 0.251	0.455
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		94.470%	96.063%	102.924%
%RSD		0.949	0.724	1.013
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		88.187%	99.454%	-0.440
%RSD		1.082	0.367	31.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.288%	101.606%	104.178%
%RSD		1.927	0.697	1.072
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	104.247%	132.800
%RSD		0.000	0.244	51.290
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		107.870%	91.791%	107.525%
%RSD		0.387	0.169	0.850
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		109.337%	105.429%	0.000
%RSD		0.878	0.659	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		108.952%	106.404%	99.623%
%RSD		0.781	0.092	0.559
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		110.465%	97.678%	
%RSD		0.297	0.817	

CCB 12/11/2012 01:03:14 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.044%	0.197	-17.490
%RSD		0.770	7.819	0.844
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		74.460	84.410	4.833
%RSD		1.120	5.494	21.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	83.750	171.500
%RSD		0.000	2.705	6.432
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 79.868%	84.103%	0.546
%RSD		T 0.121	0.786	25.500
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.261	0.176	-5.358
%RSD		57.410	3.840	4.176
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.466	60.330	0.156
%RSD		2.338	3.768	2.721
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.263	0.206	0.585
%RSD		9.796	15.440	40.470
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		87.518%	0.171	-0.030
%RSD		0.321	76.490	160.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.141	0.439	0.096
%RSD		58.020	9.301	78.940
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.136	0.788
%RSD		0.000	8.989	178.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.208	91.379%	0.237
%RSD		28.010	0.419	9.649
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.288	0.260	0.000
%RSD		14.500	17.570	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		105.017%	0.624	0.524
%RSD		0.782	9.175	6.314
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.356	104.572%	
%RSD		3.515	0.786	

240-18434-b-27-a, 12/11/2012 01:08:14 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.047%	10.850	57.120
%RSD		0.682	0.760	0.973
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		636.000	55710.000	M 38180.000
%RSD		0.859	0.898	M 0.726
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6426.000	TM 162300.000
%RSD		0.000	T 0.262	TM 0.083
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 77.539%	88.732%	M 1339.000
%RSD		T 0.764	2.355	M 0.918
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		120.000	138.700	9.312
%RSD		1.222	1.285	18.660
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3043.000	TM 186400.000	48.160
%RSD		TM 0.206	TM 0.591	0.950
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		119.200	M 539.300	M 369.700
%RSD		0.242	M 0.606	M 1.427
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.129%	123.400	0.223
%RSD		2.180	0.753	40.360
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		11.220	M 446.100	14.800
%RSD		10.880	M 0.359	3.087
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	1.389	-13.340
%RSD		0.000	3.951	104.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.663	91.290%	38.820
%RSD		1.866	1.250	0.537
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		18.810	M 747.400	0.000
%RSD		0.566	M 0.289	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		120.225%	3.190	2.096
%RSD		1.107	0.580	0.649
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2175.000	108.068%	
%RSD		TM 0.371	1.005	

240-18434-b-28-a, 12/11/2012 01:13:13 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.145%	4.571	45.510
%RSD		0.342	0.920	1.671
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		679.400	M 168800.000	M 50810.000
%RSD		0.332	M 0.429	M 0.608
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9914.000	TM 459400.000
%RSD		0.000	T 0.375	TM 0.387
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 75.356%	84.108%	M 541.200
%RSD		T 0.933	1.394	M 0.546
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		116.600	84.920	1.615
%RSD		0.166	0.337	82.180
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6428.000	TM 156800.000	67.990
%RSD		TM 0.218	TM 0.549	1.335
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		110.000	M 430.100	M 915.200
%RSD		0.804	M 0.698	M 1.027
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.673%	60.570	0.402
%RSD		1.854	1.283	32.530
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.813	M 562.200	10.060
%RSD		8.451	M 0.640	2.845
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.391	-14.660
%RSD		0.000	0.786	98.490
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.747	87.882%	39.770
%RSD		2.472	1.266	1.485
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		7.155	M 758.300	0.000
%RSD		0.183	M 0.350	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		117.802%	1.077	1.729
%RSD		1.244	2.263	0.753
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 797.700	91.902%	
%RSD		TM 0.567	1.016	

240-18434-b-29-a, 12/11/2012 01:18:14 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		60.188%	4.121	105.900
%RSD		0.801	3.484	2.656
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1085.000	M 430100.000	M 57400.000
%RSD		0.471	M 0.449	M 0.871
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 13810.000	TM 868400.000
%RSD		0.000	T 0.261	TM 0.197
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 71.229%	80.727%	M 487.700
%RSD		T 0.594	1.743	M 2.229
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		147.100	113.600	3.167
%RSD		0.596	0.388	47.530
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4618.000	TM 320900.000	54.720
%RSD		TM 0.258	TM 0.326	1.196
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		108.000	M 548.900	M 1133.000
%RSD		0.819	M 1.220	M 1.118
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.627%	67.240	0.437
%RSD		2.249	1.454	10.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.294	M 662.300	7.612
%RSD		10.680	M 0.413	3.846
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.296	-9.896
%RSD		0.000	5.555	207.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.155	84.377%	26.330
%RSD		3.833	0.583	1.741
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		5.359	M 598.200	0.000
%RSD		4.125	M 0.593	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		108.592%	3.037	1.508
%RSD		0.794	0.590	1.451
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 635.000	79.703%	
%RSD		TM 0.492	2.216	

240-18434-b-30-a, 12/11/2012 01:23:16 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.491%	5.067	99.400
%RSD		0.371	1.253	0.760
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1350.000	M 431200.000	M 25070.000
%RSD		0.394	M 0.215	M 0.490
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 4136.000	TM 793600.000
%RSD		0.000	T 0.205	TM 0.355
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 74.395%	82.081%	M 1183.000
%RSD		T 0.391	0.690	M 1.161
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		91.290	63.410	-0.306
%RSD		0.718	0.384	168.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2110.000	TM 134100.000	29.620
%RSD		TM 0.428	TM 0.690	1.745
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		68.560	M 447.500	M 716.300
%RSD		0.520	M 0.705	M 0.888
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.490%	91.110	0.404
%RSD		1.284	0.788	34.660
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.795	M 631.600	8.470
%RSD		2.213	M 0.699	1.840
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.502	-27.580
%RSD		0.000	2.099	37.680
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.279	86.120%	51.760
%RSD		4.489	1.869	1.496
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		33.410	M 589.200	0.000
%RSD		1.141	M 0.168	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		110.017%	9.736	1.844
%RSD		1.385	0.502	0.703
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1541.000	86.596%	
%RSD		TM 0.416	0.918	

240-18434-b-31-a, 12/11/2012 01:28:17 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.035%	5.934	41.830
%RSD		0.163	1.424	1.497
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		739.100	M 145300.000	M 30010.000
%RSD		1.144	M 0.607	M 0.955
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 4720.000	TM 501900.000
%RSD		0.000	T 0.374	TM 0.275
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 75.124%	83.594%	M 1037.000
%RSD		T 0.395	1.107	M 1.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		106.300	58.190	-1.941
%RSD		0.570	0.387	15.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3456.000	TM 124200.000	38.040
%RSD		TM 0.012	TM 0.407	0.153
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		76.020	M 385.500	M 540.100
%RSD		0.536	M 0.523	M 1.052
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.867%	97.980	0.474
%RSD		0.562	0.590	23.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.253	M 744.200	11.000
%RSD		5.424	M 0.670	1.535
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.927	-23.680
%RSD		0.000	4.050	13.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.207	88.507%	34.450
%RSD		2.599	0.779	0.177
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		71.890	M 554.100	0.000
%RSD		0.150	M 0.772	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		114.734%	1.749	1.454
%RSD		0.763	2.140	0.380
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 7246.000	122.154%	
%RSD		TM 0.259	0.713	

240-18434-b-32-a, 12/11/2012 01:33:18 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.978%	7.179	M 252.500
%RSD		0.195	0.304	M 0.963
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1784.000	15980.000	M 43240.000
%RSD		0.576	0.860	M 0.449
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5466.000	52480.000
%RSD		0.000	T 0.634	0.450
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.173%	108.178%	M 494.400
%RSD		T 0.463	0.666	M 0.889
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		133.300	M 296.700	20.300
%RSD		0.207	M 0.432	2.046
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8340.000	TM 1498000.000	96.970
%RSD		TM 0.283	TM 0.268	0.391
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		158.100	M 364.300	M 5502.000
%RSD		0.483	M 0.249	M 0.401
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		109.993%	154.100	0.263
%RSD		1.455	0.770	14.840
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.382	M 836.300	17.650
%RSD		5.460	M 0.364	1.658
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.468	-7.227
%RSD		0.000	0.466	133.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		15.570	110.038%	M 252.400
%RSD		0.842	0.737	M 0.353
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		61.720	M 2573.000	0.000
%RSD		0.504	M 0.406	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		126.191%	12.010	1.038
%RSD		1.098	0.474	1.212
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 8956.000	121.795%	
%RSD		TM 0.322	0.514	

240-18434-b-33-a, 12/11/2012 01:38:19 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		59.552%	6.137	30.090
%RSD		0.836	1.681	1.430
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		297.700	18220.000	M 55990.000
%RSD		0.492	1.413	M 0.632
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7397.000	55780.000
%RSD		0.000	T 0.330	0.188
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 78.253%	106.440%	M 623.800
%RSD		T 0.073	0.243	M 1.860
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		191.100	M 430.800	30.660
%RSD		0.950	M 0.644	9.635
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 11480.000	TM 2026000.000	113.800
%RSD		TM 0.036	TM 0.648	0.520
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		184.200	M 394.500	TM 8773.000
%RSD		0.514	M 0.583	TM 0.265
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		109.395%	195.800	0.328
%RSD		0.382	0.756	34.650
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.427	M 266.900	23.020
%RSD		12.060	M 0.434	0.733
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.642	-9.161
%RSD		0.000	1.965	19.360
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		20.400	104.544%	M 418.500
%RSD		0.609	0.268	M 0.831
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		123.300	M 3551.000	0.000
%RSD		0.634	M 0.639	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		118.704%	12.200	1.462
%RSD		0.529	0.209	1.319
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 12910.000	116.227%	
%RSD		TM 0.372	0.503	

240-18434-b-34-a, 12/11/2012 01:43:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		63.297%	5.800	11.430
%RSD		0.908	1.465	13.060
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		220.200	10680.000	M 47240.000
%RSD		1.634	1.165	M 0.460
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5093.000	37260.000
%RSD		0.000	T 0.994	0.449
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 79.182%	98.170%	M 459.000
%RSD		T 0.359	0.569	M 1.403
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 232.400	M 268.900	18.200
%RSD		M 0.473	M 0.269	2.709
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 17330.000	TM 1397000.000	120.500
%RSD		TM 0.430	TM 0.813	0.718
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		145.200	M 489.100	TM 8467.000
%RSD		1.388	M 0.167	TM 1.911
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		101.951%	M 248.500	0.389
%RSD		0.414	M 0.823	19.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.370	173.300	25.620
%RSD		7.480	0.761	0.523
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.500	19.910
%RSD		0.000	3.576	158.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		31.040	135.282%	M 913.100
%RSD		2.280	0.313	M 0.659
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		31.720	M 1297.000	0.000
%RSD		0.837	M 0.427	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		122.788%	10.970	1.695
%RSD		0.515	0.609	0.034
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3335.000	113.725%	
%RSD		TM 0.358	0.472	

240-18434-b-35-a, 12/11/2012 01:48:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.731%	6.873	26.900
%RSD		0.310	1.394	4.277
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		549.600	13290.000	M 83560.000
%RSD		0.489	1.258	M 0.423
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5279.000	36830.000
%RSD		0.000	T 0.142	0.145
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 89.159%	101.833%	M 630.900
%RSD		T 0.883	1.169	M 2.767
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		148.200	195.900	12.440
%RSD		0.637	0.249	17.540
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2731.000	TM 517700.000	67.050
%RSD		TM 0.378	TM 0.058	0.425
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		134.100	M 451.000	M 6530.000
%RSD		1.185	M 0.705	M 0.318
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.909%	145.100	0.384
%RSD		0.975	0.652	25.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.232	M 324.000	18.020
%RSD		5.992	M 0.302	1.117
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	2.214	11.270
%RSD		0.000	2.125	225.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		27.370	104.971%	M 426.600
%RSD		0.630	1.341	M 1.051
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		13.180	M 3897.000	0.000
%RSD		2.861	M 0.112	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		130.082%	5.860	1.254
%RSD		1.040	0.815	1.611
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 3555.000	123.601%	
%RSD		TM 0.645	0.364	

240-18434-b-36-a, 12/11/2012 01:53:32 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.656%	6.378	56.480
%RSD		0.468	1.782	1.724
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		566.600	15740.000	M 44890.000
%RSD		1.754	1.342	M 0.751
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5109.000	78090.000
%RSD		0.000	T 0.502	0.107
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 83.322%	90.918%	M 602.100
%RSD		T 0.170	1.545	M 2.503
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		103.800	170.500	8.751
%RSD		2.153	0.775	8.290
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5064.000	TM 235300.000	55.120
%RSD		TM 0.292	TM 0.659	0.734
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		152.600	M 2261.000	M 7737.000
%RSD		1.307	M 0.624	M 0.732
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.585%	109.900	0.289
%RSD		1.378	0.802	19.540
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		9.293	M 526.300	17.610
%RSD		3.626	M 0.410	0.202
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	3.164	16.080
%RSD		0.000	2.915	75.590
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		28.550	96.218%	M 699.100
%RSD		0.300	0.462	M 0.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		34.670	M 2027.000	0.000
%RSD		1.645	M 0.580	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		122.282%	15.530	1.262
%RSD		0.927	0.267	0.535
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 4307.000	121.585%	
%RSD		TM 0.182	0.608	

CCV 12/11/2012 01:58:32 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.778%	103.943%	82.827%
%RSD		1.286	0.567	1.548
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.106%	104.965%	100.832%
%RSD		T 0.755	1.713	2.251
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 107.228%	98.518%
%RSD		0.000	T 0.470	0.431
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 66.308%	69.884%	99.501%
%RSD		T 0.083	1.244	6.514
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		94.809%	97.067%	2.537
%RSD		1.759	0.633	70.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 102.977%	T 109.696%	93.240%
%RSD		T 0.217	T 0.347	0.655
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		93.080%	94.026%	103.329%
%RSD		0.123	1.748	2.554
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		71.529%	97.879%	-0.448
%RSD		0.984	1.133	21.840
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		100.377%	101.320%	104.713%
%RSD		2.623	1.029	2.393
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	103.207%	108.700
%RSD		0.000	1.395	40.470
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		108.637%	77.106%	109.337%
%RSD		1.473	0.680	0.943
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		111.222%	105.195%	0.000
%RSD		1.475	0.727	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.111%	107.028%	99.463%
%RSD		0.823	0.517	0.214
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		114.394%	88.026%	
%RSD		0.266	0.509	

CCB 12/11/2012 02:05:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.794%	0.224	-17.090
%RSD		0.402	1.283	1.522
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		83.840	106.000	7.480
%RSD		1.559	4.810	12.780
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	77.890	173.900
%RSD		0.000	0.248	2.926
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 68.679%	71.414%	0.428
%RSD		T 0.699	0.471	43.760
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.188	0.175	-5.959
%RSD		100.900	13.680	4.262
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.613	75.650	0.171
%RSD		1.943	3.398	6.458
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.258	0.310	0.869
%RSD		31.460	12.050	21.330
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		74.972%	0.084	-0.013
%RSD		0.346	5.328	412.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.193	0.394	0.148
%RSD		34.100	6.875	21.160
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.145	-2.769
%RSD		0.000	5.432	70.230
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.222	80.798%	0.404
%RSD		13.420	0.564	4.948
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.323	0.311	0.000
%RSD		3.896	13.680	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		96.253%	0.649	0.503
%RSD		0.813	11.580	7.545
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.522	97.773%	
%RSD		2.126	0.572	

240-18434-b-37-a, 12/11/2012 02:10:46 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		44.813%	4.017	56.210
%RSD		0.669	3.702	0.824
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		929.500	92790.000	M 29260.000
%RSD		0.642	0.492	M 0.477
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3483.000	TM 849700.000
%RSD		0.000	T 0.416	TM 0.268
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 57.113%	67.326%	M 714.700
%RSD		T 1.066	0.634	M 1.893
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		119.200	120.900	3.179
%RSD		0.285	0.602	43.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 8409.000	TM 794600.000	68.410
%RSD		TM 0.857	TM 0.808	0.607
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 217.100	M 1842.000	M 5843.000
%RSD		M 0.728	M 1.185	M 0.891
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.629%	M 460.000	0.494
%RSD		1.022	M 1.048	28.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.022	M 1309.000	30.910
%RSD		3.521	M 0.356	1.907
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	2.455	1.152
%RSD		0.000	1.330	2377.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		28.070	74.894%	M 1287.000
%RSD		2.274	0.458	M 0.950
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 527.800	M 962.100	0.000
%RSD		M 0.549	M 0.823	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.795%	16.170	0.531
%RSD		0.683	0.736	2.172
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 45100.000	194.775%	
%RSD		TM 0.350	0.555	

240-18434-b-38-a, 12/11/2012 02:15:46 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.649%	3.619	12.390
%RSD		0.484	1.610	5.044
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		640.900	94010.000	M 21230.000
%RSD		1.394	0.810	M 0.199
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 2276.000	TM 511300.000
%RSD		0.000	T 0.111	TM 0.107
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 62.356%	73.218%	M 579.900
%RSD		T 0.724	0.628	M 0.835
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		131.700	M 309.500	19.750
%RSD		0.416	M 0.606	7.666
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5778.000	TM 707300.000	75.320
%RSD		TM 0.318	TM 0.845	1.134
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 276.800	M 1514.000	TM 11700.000
%RSD		M 0.873	M 0.777	TM 1.746
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		72.214%	M 331.000	0.393
%RSD		0.234	M 0.818	1.877
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.268	M 785.700	27.170
%RSD		7.135	M 0.851	1.170
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.777	-10.940
%RSD		0.000	3.843	132.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		16.160	81.562%	M 1501.000
%RSD		2.632	0.454	M 0.681
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 239.400	TM 10490.000	0.000
%RSD		M 0.619	TM 0.482	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		106.425%	9.073	0.679
%RSD		0.930	0.691	1.263
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 21970.000	132.623%	
%RSD		TM 0.334	0.825	

mb 240-67759/1-a, 12/11/2012 02:20:48 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.903%	0.055	-18.780
%RSD		0.590	9.735	0.713
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		39.880	46.800	1.456
%RSD		2.209	12.360	90.760
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	22.080	244.200
%RSD		0.000	0.698	1.968
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		₸68.787%	71.540%	1.122
%RSD		₸0.169	0.274	38.060
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.055	0.349	-7.071
%RSD		176.100	4.605	0.323
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.570	154.400	0.040
%RSD		2.893	12.640	10.070
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.344	0.783	5.065
%RSD		11.990	8.338	4.883
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		74.724%	0.101	0.255
%RSD		0.282	70.690	20.760
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.015	0.386	-0.003
%RSD		686.600	7.673	3034.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	1.180
%RSD		0.000	69.250	96.280
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	82.673%	17.850
%RSD		44.510	0.315	4.269
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		2.394	1.511	0.000
%RSD		11.510	3.009	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.819%	0.295	0.158
%RSD		0.685	21.170	2.000
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		3.809	100.223%	
%RSD		11.300	0.224	

lcs 240-67759/3-a, 12/11/2012 02:25:50 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		64.230%	M 927.700	65.760
%RSD		0.504	M 0.558	1.125
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8788.000	9887.000	M 9033.000
%RSD		0.494	0.386	M 0.078
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9840.000	9384.000
%RSD		0.000	T 0.338	0.163
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 70.177%	74.789%	89.870
%RSD		T 0.286	0.911	3.676
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 841.600	M 890.500	80.600
%RSD		M 0.548	M 0.169	2.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 956.300	T 10080.000	M 856.200
%RSD		T 0.134	T 0.276	M 0.465
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 868.700	M 880.200	M 904.100
%RSD		M 0.248	M 0.582	M 0.689
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.108%	M 850.400	-2.999
%RSD		0.680	M 0.510	6.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 836.100	M 886.000	89.750
%RSD		M 0.273	M 0.521	0.603
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	98.990	625.600
%RSD		0.000	0.753	33.540
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 972.700	83.429%	113.500
%RSD		M 0.519	0.280	3.220
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		97.510	M 953.300	0.000
%RSD		0.653	M 0.861	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		102.728%	91.020	TM 214.000
%RSD		0.877	0.582	TM 0.463
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1021.000	98.182%	
%RSD		TM 0.127	0.896	

240-18434 -b-1-a, 12/11/2012 02:33:05 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.400%	2.400	55.060
%RSD		0.462	3.065	2.487
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1020.000	M 173100.000	M 37110.000
%RSD		0.924	M 1.112	M 0.369
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7523.000	TM 1094000.000
%RSD		0.000	T 0.459	TM 0.085
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 66.454%	70.723%	M 555.500
%RSD		T 0.880	0.793	M 0.258
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		85.950	59.510	-1.656
%RSD		0.578	1.124	37.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4548.000	TM 110900.000	38.490
%RSD		TM 0.080	TM 0.718	0.871
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		73.390	107.700	M 357.100
%RSD		1.785	1.654	M 0.978
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		66.846%	46.070	0.382
%RSD		1.456	1.110	9.281
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.355	M 1782.000	10.670
%RSD		10.570	M 0.711	0.399
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.179	-0.150
%RSD		0.000	6.010	1756.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.255	77.156%	12.350
%RSD		1.499	1.150	0.958
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		3.396	M 360.500	0.000
%RSD		4.528	M 0.748	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.768%	0.998	1.817
%RSD		1.489	8.865	2.074
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 269.600	78.338%	
%RSD		M 0.426	1.304	

SD 240-18434 -b-1-a@5, 12/11/2012 02:38:14 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.139%	0.565	-1.902
%RSD		0.621	3.773	57.790
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		226.900	39810.000	M 8295.000
%RSD		3.011	0.546	M 0.422
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 1570.000	TM 230800.000
%RSD		0.000	T 0.147	TM 0.111
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 69.785%	72.254%	118.700
%RSD		T 0.532	0.935	3.341
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		18.080	12.800	-4.223
%RSD		1.736	2.079	1.345
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 987.800	T 23610.000	8.267
%RSD		T 0.486	T 0.509	2.565
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		16.910	24.800	88.300
%RSD		1.867	1.352	1.360
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		73.055%	9.810	0.102
%RSD		0.408	1.635	54.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.202	M 349.200	1.787
%RSD		21.480	M 1.301	5.286
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.046	-2.810
%RSD		0.000	18.550	94.890
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.303	79.835%	2.806
%RSD		23.210	0.273	1.387
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		1.073	75.890	0.000
%RSD		7.912	0.074	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.815%	0.278	0.532
%RSD		0.833	7.940	3.077
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		64.130	89.302%	
%RSD		0.235	0.846	

240-18434 -b-1-d ms, 12/11/2012 02:43:15 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		55.506%	M 806.200	148.900
%RSD		0.608	M 0.523	1.429
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8857.000	M 184600.000	M 64070.000
%RSD		0.918	M 0.384	M 0.792
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 21910.000	TM 804300.000
%RSD		0.000	T 0.597	TM 0.501
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 63.695%	68.993%	M 883.300
%RSD		T 0.857	1.668	M 1.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 943.400	M 924.600	77.830
%RSD		M 0.794	M 0.848	5.961
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5428.000	TM 135000.000	M 837.600
%RSD		TM 0.575	TM 0.345	M 0.825
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 847.500	M 878.300	M 1205.000
%RSD		M 0.691	M 0.511	M 1.004
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.527%	M 880.700	-2.701
%RSD		1.835	M 0.506	10.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 798.700	M 2364.000	104.600
%RSD		M 0.464	M 0.083	0.790
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	82.070	711.300
%RSD		0.000	0.402	10.430
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 860.400	76.036%	100.400
%RSD		M 0.343	0.936	0.951
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		38.030	M 1414.000	0.000
%RSD		1.613	M 0.481	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.777%	69.180	TM 224.000
%RSD		1.725	0.146	TM 0.406
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1188.000	79.201%	
%RSD		TM 0.466	1.212	

240-18434 -b-1-e msd, 12/11/2012 02:50:31 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.095%	M 809.400	126.500
%RSD		0.444	M 0.446	1.573
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9247.000	M 221800.000	M 54070.000
%RSD		0.485	M 0.257	M 0.591
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 18630.000	TM 1053000.000
%RSD		0.000	T 0.524	TM 0.549
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 62.033%	66.833%	M 610.600
%RSD		T 1.125	1.908	M 1.966
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 921.900	M 911.000	78.720
%RSD		M 0.892	M 0.737	5.683
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5668.000	TM 117800.000	M 824.900
%RSD		TM 0.414	TM 0.149	M 0.566
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 826.800	M 844.000	M 1124.000
%RSD		M 0.324	M 0.580	M 0.328
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		62.480%	M 875.500	-2.056
%RSD		1.589	M 0.258	50.280
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 793.400	M 2216.000	103.500
%RSD		M 1.076	M 0.161	0.715
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	79.980	444.700
%RSD		0.000	0.591	42.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 844.900	74.642%	98.230
%RSD		M 0.123	1.054	0.444
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		35.700	M 1362.000	0.000
%RSD		0.266	M 0.314	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		98.035%	73.390	TM 225.300
%RSD		1.561	0.434	TM 0.200
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1154.000	76.173%	
%RSD		TM 0.160	1.356	

240-18434 -b-2-a, 12/11/2012 02:57:47 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.025%	2.394	32.790
%RSD		0.617	2.000	7.233
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		990.000	M 212000.000	M 29710.000
%RSD		1.074	M 0.662	M 0.901
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5849.000	TM 1587000.000
%RSD		0.000	T 0.646	TM 0.352
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 58.638%	62.714%	M 566.800
%RSD		T 0.618	1.726	M 1.347
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		78.490	64.940	0.509
%RSD		1.284	1.228	182.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5077.000	TM 111100.000	38.110
%RSD		TM 0.409	TM 0.290	0.733
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		77.600	125.100	M 425.800
%RSD		1.222	0.572	M 0.246
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		56.846%	51.260	0.390
%RSD		0.948	0.828	12.660
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.045	M 1864.000	15.160
%RSD		21.230	M 0.290	1.531
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.208	-25.180
%RSD		0.000	3.501	67.970
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.881	70.174%	16.780
%RSD		9.929	1.275	0.714
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.953	M 371.700	0.000
%RSD		1.869	M 1.034	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		91.661%	4.821	2.320
%RSD		1.615	0.538	2.229
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 434.300	69.139%	
%RSD		TM 0.194	1.772	

240-18434-b-3-a, 12/11/2012 03:03:01 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.407%	4.922	84.570
%RSD		0.584	1.022	1.495
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1656.000	M 372000.000	M 42170.000
%RSD		0.539	M 0.629	M 0.357
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6584.000	TM 1194000.000
%RSD		0.000	T 0.377	TM 0.227
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 59.433%	64.430%	M 947.400
%RSD		T 0.968	0.835	M 1.887
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		88.890	86.670	1.681
%RSD		0.475	0.106	76.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 6420.000	TM 128200.000	34.270
%RSD		TM 0.158	TM 0.972	0.127
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		80.720	187.600	M 614.000
%RSD		1.354	0.730	M 1.092
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.387%	74.740	0.400
%RSD		0.917	0.745	42.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.240	M 1416.000	15.760
%RSD		3.846	M 0.796	2.525
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.344	-15.060
%RSD		0.000	2.183	56.580
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.592	70.230%	30.160
%RSD		3.111	1.072	1.112
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		13.910	M 622.400	0.000
%RSD		1.091	M 0.691	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		95.397%	4.371	1.804
%RSD		1.194	1.053	0.761
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 960.700	72.063%	
%RSD		TM 0.585	1.033	

CCV 12/11/2012 03:08:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.661%	104.190%	82.024%
%RSD		0.652	0.467	2.363
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		T 99.997%	103.807%	102.229%
%RSD		T 0.540	0.706	1.722
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	T 105.238%	97.203%
%RSD		0.000	T 0.732	0.258
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 68.039%	70.552%	104.475%
%RSD		T 0.317	0.650	3.508
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		96.211%	97.658%	4.672
%RSD		1.211	0.663	36.270
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		T 101.870%	T 109.592%	94.401%
%RSD		T 0.346	T 0.313	0.174
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		94.337%	94.514%	101.775%
%RSD		0.554	0.847	0.823
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		71.847%	98.601%	-0.422
%RSD		0.601	1.296	40.540
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		101.763%	103.152%	103.830%
%RSD		1.328	0.517	1.253
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	103.441%	22.510
%RSD		0.000	0.524	212.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		107.740%	77.210%	107.824%
%RSD		0.397	0.106	0.360
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		110.754%	106.915%	0.000
%RSD		0.471	1.045	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		94.643%	106.193%	99.180%
%RSD		0.778	0.736	0.668
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		114.242%	86.427%	
%RSD		0.304	0.957	

CCB 12/11/2012 03:15:26 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.710%	0.244	-18.410
%RSD		0.531	5.938	0.499
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		92.040	117.600	7.823
%RSD		3.981	5.584	13.450
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	84.040	209.900
%RSD		0.000	1.832	2.460
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 67.535%	67.420%	0.622
%RSD		T 0.605	0.587	68.720
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.310	0.228	-4.559
%RSD		27.000	6.037	2.588
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		1.851	84.670	0.226
%RSD		1.333	1.150	0.926
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.395	0.360	0.702
%RSD		12.470	22.290	14.180
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		71.670%	0.202	-0.006
%RSD		0.990	26.480	1221.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.244	0.493	0.225
%RSD		69.800	5.478	30.940
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.177	-1.098
%RSD		0.000	6.689	285.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.274	77.716%	0.291
%RSD		12.620	0.365	16.840
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.400	0.338	0.000
%RSD		6.041	22.620	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		91.678%	0.673	0.670
%RSD		0.566	7.811	3.428
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.620	93.373%	
%RSD		3.395	0.569	

240-18434 -b-4-a, 12/11/2012 03:20:27 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		48.912%	7.526	83.540
%RSD		0.599	1.458	0.959
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2260.000	M 346300.000	M 54350.000
%RSD		0.475	M 0.372	M 0.620
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7535.000	TM 1414000.000
%RSD		0.000	T 0.150	TM 0.268
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 57.668%	61.225%	M 1400.000
%RSD		T 0.787	1.020	M 0.735
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		88.260	91.250	3.579
%RSD		0.422	0.520	18.740
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 10890.000	TM 137100.000	31.290
%RSD		TM 0.083	TM 1.069	1.309
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		82.950	181.400	M 546.300
%RSD		1.623	0.493	M 0.577
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		55.488%	77.410	0.372
%RSD		0.670	0.816	2.921
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.104	M 2193.000	11.840
%RSD		9.818	M 1.330	1.384
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.311	-42.180
%RSD		0.000	4.980	29.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.886	67.785%	34.030
%RSD		5.360	1.109	0.727
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		14.310	M 782.400	0.000
%RSD		1.595	M 0.633	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.786%	3.896	1.488
%RSD		1.718	1.848	0.343
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 942.200	68.817%	
%RSD		TM 0.504	1.649	

240-18434 -b-5-a, 12/11/2012 03:25:33 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.073%	5.243	49.230
%RSD		0.523	1.876	3.542
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		949.000	M 208400.000	M 58070.000
%RSD		1.358	M 0.687	M 0.894
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 9352.000	TM 444500.000
%RSD		0.000	T 0.805	TM 0.344
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 60.109%	63.940%	M 679.500
%RSD		T 0.251	1.392	M 1.635
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		132.500	117.300	5.037
%RSD		0.761	0.623	34.380
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4810.000	TM 168400.000	52.970
%RSD		TM 0.205	TM 0.295	0.109
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		116.000	M 748.500	M 1474.000
%RSD		1.368	M 0.531	M 0.406
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.390%	104.200	0.524
%RSD		0.175	0.540	15.950
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		6.810	M 547.600	11.620
%RSD		14.790	M 0.568	0.928
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.890	-13.200
%RSD		0.000	7.023	42.190
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		4.552	71.894%	84.870
%RSD		6.018	0.518	0.848
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		49.560	M 871.100	0.000
%RSD		1.504	M 0.627	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		100.166%	2.045	1.811
%RSD		0.892	2.413	0.685
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1706.000	85.218%	
%RSD		TM 0.467	0.853	

240-18434-b-6-a, 12/11/2012 03:30:35 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		52.482%	3.816	31.340
%RSD		0.306	3.032	5.272
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		777.600	M 237700.000	M 41390.000
%RSD		1.240	M 0.366	M 0.412
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6692.000	TM 776000.000
%RSD		0.000	T 0.383	TM 0.228
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 59.647%	63.315%	M 518.700
%RSD		T 0.545	1.194	M 0.415
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		106.000	78.730	0.912
%RSD		0.674	0.791	152.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4338.000	TM 135000.000	43.720
%RSD		TM 0.110	TM 0.282	0.163
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		91.860	M 417.900	M 639.100
%RSD		0.689	M 0.516	M 0.603
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.114%	59.670	0.401
%RSD		1.666	1.876	24.870
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.022	M 828.700	10.240
%RSD		13.770	M 0.337	1.915
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.679	-4.563
%RSD		0.000	1.050	277.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.685	70.881%	45.280
%RSD		7.744	1.397	0.657
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		20.250	M 567.600	0.000
%RSD		1.816	M 0.472	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		97.222%	1.388	1.575
%RSD		1.444	1.839	0.964
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1015.000	78.220%	
%RSD		TM 0.174	1.582	

240-18434 -b-7-a, 12/11/2012 03:35:36 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.389%	2.605	79.600
%RSD		0.614	3.201	1.437
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1520.000	M 531700.000	M 28480.000
%RSD		1.179	M 0.797	M 0.352
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5709.000	TM 1247000.000
%RSD		0.000	T 0.397	TM 0.267
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 58.973%	61.375%	M 497.200
%RSD		T 0.738	0.444	M 1.398
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		76.850	52.550	-1.798
%RSD		0.436	0.301	34.760
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3203.000	TM 106200.000	28.910
%RSD		TM 0.100	TM 0.508	1.094
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		62.060	M 222.000	M 358.000
%RSD		0.464	M 0.967	M 0.894
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		54.724%	98.640	0.306
%RSD		1.571	1.568	38.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.498	M 1302.000	11.170
%RSD		14.620	M 0.925	2.755
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.565	-13.530
%RSD		0.000	3.474	31.210
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.125	66.874%	31.630
%RSD		12.300	1.367	0.976
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		11.990	M 464.000	0.000
%RSD		2.451	M 0.820	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		90.110%	1.084	1.370
%RSD		1.038	2.305	2.176
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 466.900	68.078%	
%RSD		TM 0.418	1.217	

240-18434-b-8-a, 12/11/2012 03:40:37 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.591%	12.680	98.830
%RSD		1.074	1.789	1.274
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1685.000	M 101300.000	M 44100.000
%RSD		0.518	M 0.706	M 0.112
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7490.000	TM 207800.000
%RSD		0.000	T 0.302	TM 0.332
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 59.269%	62.817%	M 1976.000
%RSD		T 0.430	1.237	M 0.922
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		161.300	85.940	3.285
%RSD		0.270	0.830	28.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 2408.000	TM 137200.000	48.470
%RSD		TM 0.454	TM 0.220	0.681
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		104.100	M 777.700	M 784.400
%RSD		1.086	M 0.543	M 0.336
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.665%	99.910	0.339
%RSD		0.667	0.756	22.120
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		8.421	M 463.100	13.590
%RSD		9.627	M 0.456	0.727
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.529	-17.750
%RSD		0.000	3.282	72.710
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.055	71.295%	31.350
%RSD		4.268	0.852	0.271
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		152.100	M 1040.000	0.000
%RSD		0.569	M 0.157	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		99.208%	4.830	2.796
%RSD		1.093	1.168	0.730
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 2371.000	89.396%	
%RSD		TM 0.350	0.840	

240-18434-b-13-a, 12/11/2012 03:45:39 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		51.051%	4.144	35.050
%RSD		0.709	3.745	3.233
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		645.600	M 143500.000	M 47320.000
%RSD		0.710	M 0.869	M 0.772
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7277.000	TM 566100.000
%RSD		0.000	T 0.780	TM 0.620
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 57.708%	61.509%	M 708.400
%RSD		T 0.673	0.807	M 1.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		119.000	93.470	1.190
%RSD		0.515	0.316	96.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 5223.000	TM 158800.000	54.400
%RSD		TM 0.423	TM 0.973	1.457
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		117.500	M 374.900	M 599.300
%RSD		0.943	M 0.662	M 0.860
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.165%	67.850	0.510
%RSD		1.197	1.080	20.230
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.849	M 872.200	10.150
%RSD		3.227	M 0.983	1.954
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.401	-9.118
%RSD		0.000	4.021	124.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.220	70.518%	36.550
%RSD		4.144	1.448	1.076
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		16.250	M 603.600	0.000
%RSD		1.204	M 0.361	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.800%	2.143	1.598
%RSD		1.078	1.487	0.553
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 932.600	80.039%	
%RSD		TM 0.218	0.993	

240-18434-b-14-a, 12/11/2012 03:50:43 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.693%	4.514	54.510
%RSD		0.161	2.147	1.450
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		822.300	M 283700.000	M 45940.000
%RSD		1.581	M 1.413	M 1.361
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 7957.000	TM 682700.000
%RSD		0.000	T 0.143	TM 0.419
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 57.730%	61.157%	M 657.000
%RSD		T 0.420	1.262	M 2.844
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		123.900	86.520	2.411
%RSD		1.142	0.556	33.180
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 4351.000	TM 145800.000	48.250
%RSD		TM 0.289	TM 1.395	0.597
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.770	M 407.600	M 627.500
%RSD		1.568	M 1.430	M 1.573
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		57.749%	70.830	0.459
%RSD		1.105	1.237	11.790
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		7.277	M 718.100	11.020
%RSD		10.040	M 1.072	1.809
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.485	-22.960
%RSD		0.000	3.096	41.470
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.275	69.032%	42.460
%RSD		0.911	0.747	0.765
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		17.070	M 664.200	0.000
%RSD		1.978	M 0.665	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		96.986%	1.863	1.612
%RSD		1.142	0.785	0.377
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1005.000	76.825%	
%RSD		TM 0.140	1.177	

240-18434-b-15-a, 12/11/2012 03:55:45 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.457%	4.195	57.740
%RSD		1.079	0.806	0.078
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		789.000	M 264000.000	M 41080.000
%RSD		1.204	M 0.820	M 0.454
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 6842.000	TM 611700.000
%RSD		0.000	T 0.125	TM 0.089
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 57.085%	59.889%	M 709.100
%RSD		T 0.444	1.229	M 0.880
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		111.300	72.840	-1.359
%RSD		0.766	0.470	73.570
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3540.000	TM 124500.000	37.620
%RSD		TM 0.108	TM 0.523	1.427
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		77.700	M 253.800	M 579.000
%RSD		0.181	M 0.172	M 0.777
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.388%	59.720	0.272
%RSD		1.452	0.576	45.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.985	M 616.900	7.625
%RSD		12.580	M 0.607	2.442
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.376	-13.310
%RSD		0.000	8.515	86.310
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		2.750	68.965%	25.660
%RSD		1.682	1.181	0.651
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		13.020	M 569.700	0.000
%RSD		0.231	M 0.506	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		94.264%	1.353	1.214
%RSD		1.751	0.327	1.057
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 1123.000	78.899%	
%RSD		TM 0.476	1.367	

240-18434-b-16-a, 12/11/2012 04:00:46 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.027%	0.949	M 213.200
%RSD		0.510	5.063	M 0.361
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2051.000	M 1096000.000	M 9502.000
%RSD		0.654	M 0.506	M 0.669
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3186.000	TM 2013000.000
%RSD		0.000	T 0.641	TM 0.187
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 55.491%	57.593%	M 202.100
%RSD		T 0.547	1.498	M 4.707
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		40.200	57.170	-1.020
%RSD		0.540	1.444	65.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1428.000	TM 63600.000	7.516
%RSD		TM 0.064	TM 0.484	2.151
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		20.010	45.200	93.060
%RSD		2.342	0.564	1.386
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		49.529%	41.220	0.356
%RSD		1.786	1.726	34.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.399	M 945.900	2.625
%RSD		17.580	M 0.664	4.627
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.065	-4.875
%RSD		0.000	5.603	195.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.703	62.142%	12.020
%RSD		8.669	1.195	1.244
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.231	155.400	0.000
%RSD		5.339	0.414	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		80.664%	0.687	0.774
%RSD		1.486	1.327	2.942
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		198.400	56.817%	
%RSD		0.535	1.225	

240-18434-b-17-a, 12/11/2012 04:05:51 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		43.631%	1.088	M 229.900
%RSD		0.371	3.611	M 1.302
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2196.000	M 1171000.000	M 9909.000
%RSD		1.056	M 0.841	M 1.208
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 3354.000	TM 2141000.000
%RSD		0.000	T 0.525	TM 0.295
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 52.543%	55.189%	M 196.600
%RSD		T 0.443	1.794	M 2.415
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		37.180	56.920	-0.557
%RSD		1.191	1.018	214.700
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 1415.000	TM 66350.000	8.080
%RSD		TM 0.236	TM 0.283	2.088
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		20.740	49.190	82.020
%RSD		3.236	1.256	2.149
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		47.436%	40.950	0.404
%RSD		1.091	1.816	29.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.903	M 996.200	2.872
%RSD		25.300	M 1.164	6.715
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.089	-12.510
%RSD		0.000	9.736	51.150
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.595	59.931%	10.110
%RSD		12.140	1.358	2.022
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		4.038	145.300	0.000
%RSD		3.511	0.311	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		77.858%	0.899	0.761
%RSD		1.179	3.055	0.719
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 239.800	54.974%	
%RSD		M 0.686	1.391	

CCV 12/11/2012 04:10:52 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		58.549%	106.414%	81.701%
%RSD		0.854	1.287	0.999
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		┬95.396%	105.428%	108.002%
%RSD		┬2.530	1.627	3.802
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	┬104.050%	96.837%
%RSD		0.000	┬0.192	0.412
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		┬61.480%	61.764%	105.744%
%RSD		┬0.586	1.433	1.176
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		95.015%	96.380%	5.429
%RSD		1.117	0.695	23.100
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		┬100.793%	┬108.693%	92.701%
%RSD		┬0.046	┬0.300	0.510
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.002%	91.959%	99.588%
%RSD		0.787	0.959	2.893
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		64.483%	96.788%	-0.540
%RSD		0.325	1.143	22.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.555%	103.728%	102.262%
%RSD		1.116	1.381	0.594
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.750%	23.660
%RSD		0.000	0.090	135.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		106.590%	69.854%	107.327%
%RSD		0.727	0.304	1.164
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		111.459%	107.539%	0.000
%RSD		1.451	0.774	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.495%	104.915%	98.479%
%RSD		1.218	0.258	0.425
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		114.493%	78.707%	
%RSD		0.566	0.291	

CCB 12/11/2012 04:18:06 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		57.254%	0.248	-18.100
%RSD		0.999	6.924	3.123
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		94.910	129.900	9.857
%RSD		2.919	5.221	19.460
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		0.000	97.230	303.400
%RSD		0.000	1.026	0.774
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		T 61.909%	60.382%	0.506
%RSD		T 0.266	0.118	78.070
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.366	0.254	-4.365
%RSD		43.310	8.737	2.014
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		2.043	88.220	0.210
%RSD		2.230	1.299	6.466
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		0.291	0.275	0.939
%RSD		39.230	13.560	15.680
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		64.091%	0.349	-0.042
%RSD		0.614	22.950	85.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		0.268	0.565	0.116
%RSD		140.200	5.336	33.670
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.176	1.504
%RSD		0.000	14.540	168.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.245	70.096%	0.304
%RSD		25.030	0.636	14.330
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.302	0.468	0.000
%RSD		15.730	9.897	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		83.469%	0.650	0.531
%RSD		0.404	7.160	2.723
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		0.648	84.001%	
%RSD		2.348	0.317	

240-18434-b-18-a, 12/11/2012 04:23:08 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		50.022%	2.334	27.570
%RSD		0.247	0.818	2.778
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		829.300	M 247200.000	M 32550.000
%RSD		1.219	M 1.033	M 1.316
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 4723.000	TM 634600.000
%RSD		0.000	T 0.461	TM 0.403
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 55.907%	56.614%	M 494.400
%RSD		T 0.512	1.467	M 2.400
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		109.700	68.190	1.255
%RSD		0.503	0.758	87.550
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3834.000	TM 91860.000	35.750
%RSD		TM 0.382	TM 0.367	0.093
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		86.860	M 255.900	M 429.200
%RSD		1.341	M 1.009	M 0.929
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		53.649%	57.550	0.348
%RSD		0.805	0.440	22.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.813	M 573.600	8.328
%RSD		19.290	M 0.766	2.582
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.319	-4.368
%RSD		0.000	4.049	124.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.590	64.276%	21.320
%RSD		1.721	0.560	2.476
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		22.600	M 422.500	0.000
%RSD		2.422	M 0.997	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.614%	2.835	1.378
%RSD		1.121	1.638	1.347
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 709.800	62.669%	
%RSD		TM 0.421	1.328	

240-18434-b-19-a, 12/11/2012 04:28:10 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		47.306%	3.077	48.600
%RSD		1.173	4.045	2.613
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1014.000	M 352600.000	M 38050.000
%RSD		0.407	M 0.508	M 0.437
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5782.000	TM 958500.000
%RSD		0.000	T 0.305	TM 0.201
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 54.347%	55.298%	M 718.000
%RSD		T 0.881	0.987	M 1.703
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		116.600	81.750	1.521
%RSD		1.160	0.275	139.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3690.000	TM 120800.000	40.130
%RSD		TM 0.137	TM 0.293	0.505
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		89.130	M 370.400	M 560.600
%RSD		2.187	M 0.653	M 0.716
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.602%	61.280	0.378
%RSD		1.536	1.213	11.060
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.581	M 896.600	8.504
%RSD		20.130	M 0.494	1.734
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.368	-19.410
%RSD		0.000	9.204	53.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.713	62.799%	33.970
%RSD		9.344	1.348	0.667
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		12.810	M 538.800	0.000
%RSD		0.974	M 0.356	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.658%	2.240	1.313
%RSD		1.147	2.167	0.992
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 898.900	67.934%	
%RSD		TM 0.134	1.139	

240-18434-b-20-a, 12/11/2012 04:33:12 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		46.897%	2.571	33.620
%RSD		0.623	3.986	3.266
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		974.000	M 280000.000	M 30500.000
%RSD		2.025	M 0.476	M 0.481
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5539.000	TM 992300.000
%RSD		0.000	T 0.220	TM 0.089
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 53.772%	55.233%	M 526.600
%RSD		T 0.558	1.412	M 2.017
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		112.200	61.330	-0.150
%RSD		1.143	1.867	961.200
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3028.000	TM 89300.000	34.040
%RSD		TM 0.200	TM 0.528	2.322
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		87.670	M 308.200	M 436.000
%RSD		3.036	M 2.132	M 2.047
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		51.299%	45.330	0.476
%RSD		2.718	2.351	27.450
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		4.132	M 1005.000	10.090
%RSD		15.170	M 0.959	5.947
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.314	-7.754
%RSD		0.000	6.897	126.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.522	62.366%	26.490
%RSD		5.160	1.034	1.693
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		10.830	M 384.400	0.000
%RSD		2.119	M 0.774	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		85.628%	1.782	1.292
%RSD		1.589	1.027	2.405
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 669.600	60.666%	
%RSD		TM 0.473	1.210	

240-18434-b-21-a, 12/11/2012 04:38:14 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		47.663%	5.602	42.700
%RSD		0.266	2.966	0.779
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		811.800	M 265700.000	M 45570.000
%RSD		0.488	M 0.085	M 0.436
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 5748.000	TM 637400.000
%RSD		0.000	T 0.120	TM 0.382
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 54.427%	56.481%	M 720.100
%RSD		T 0.878	1.158	M 0.979
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		122.000	83.410	1.898
%RSD		1.171	0.988	50.270
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 3615.000	TM 144600.000	53.550
%RSD		TM 0.237	TM 0.218	0.955
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		125.200	M 1450.000	M 1573.000
%RSD		1.118	M 0.961	M 1.045
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		52.789%	102.400	0.520
%RSD		1.345	1.165	31.890
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.701	M 764.700	11.330
%RSD		8.574	M 0.510	2.411
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.829	-14.990
%RSD		0.000	2.689	118.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		4.151	64.010%	M 202.300
%RSD		1.390	0.947	M 0.502
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		87.340	M 805.500	0.000
%RSD		0.899	M 0.309	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		87.982%	8.032	1.816
%RSD		1.616	0.912	1.150
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		TM 4026.000	81.993%	
%RSD		TM 0.611	0.387	

CCV 14 12/11/2012 04:43:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		54.967%	107.254%	78.371%
%RSD		0.157	0.381	0.453
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		92.293%	104.319%	106.638%
%RSD		0.452	0.510	2.958
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	T 104.031%	97.335%
%RSD		0.000	T 0.267	0.583
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 59.318%	59.018%	103.267%
%RSD		T 0.353	0.974	8.480
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		95.895%	96.016%	3.418
%RSD		0.558	0.554	27.560
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		T 100.753%	T 107.992%	92.937%
%RSD		T 0.219	T 0.131	0.517
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		92.816%	92.604%	99.805%
%RSD		1.080	0.934	1.489
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		60.918%	98.464%	-0.645
%RSD		0.322	0.442	25.470
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		103.777%	104.449%	102.963%
%RSD		1.948	1.074	0.847
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.114%	101.100
%RSD		0.000	0.529	69.290
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		107.788%	67.247%	108.225%
%RSD		0.663	0.484	0.123
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		111.237%	108.145%	0.000
%RSD		0.880	0.624	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		83.488%	105.148%	98.382%
%RSD		0.773	0.067	0.461
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		115.747%	76.646%	
%RSD		0.135	0.550	

CCB 14 12/11/2012 04:50:29 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		53.732%	0.284	-19.420
%RSD		0.844	4.132	1.886
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		104.700	175.500	10.470
%RSD		5.467	5.999	20.280
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	105.900	356.800
%RSD		0.000	1.583	3.028
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		T 58.896%	56.999%	0.468
%RSD		T 0.588	0.555	49.390
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.354	0.241	-5.002
%RSD		47.020	11.630	4.500
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.330	98.240	0.256
%RSD		2.380	2.006	8.973
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.280	0.446	0.948
%RSD		14.070	14.660	4.243
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		61.365%	0.293	-0.055
%RSD		0.183	26.290	64.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.251	0.623	0.150
%RSD		22.060	7.861	35.820
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.207	0.615
%RSD		0.000	4.942	546.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.276	68.332%	0.334
%RSD		19.310	0.170	13.270
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.441	0.452	0.000
%RSD		10.180	29.080	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		81.651%	0.671	0.532
%RSD		0.393	10.000	4.478
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.764	83.077%	
%RSD		1.403	0.193	

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : CORP-MT-0005 Rev 1 7471: CORP-MT-0007 Rev 1

Run Date: 11/27/12 Analyst: DSH Instrument: H1

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?			✓	
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			
D. Other				
1. Are all nonconformances documented appropriately?			✓	
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I Analyst: [signature] Date/Time: 11/27/12 Lines 1-68

Level I Analyst: _____ Date/Time: _____

Comments: Batch # 66485

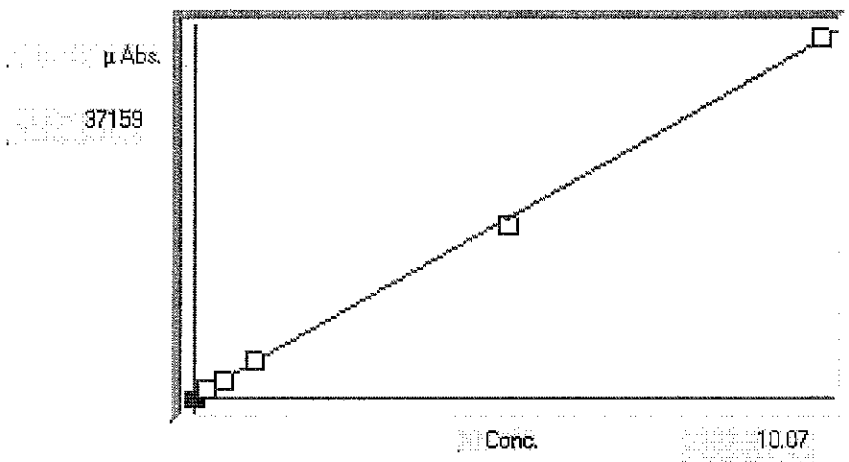
2nd Level Reviewer: [signature] Date/Time: 11/27/12 10:16 - 13:54

2nd Level Reviewer: _____ Date/Time: _____

Curve Date 11/26/12 Curve Time 3:02 - 5:00p DILUTION H20 N/A

Revised 06/1/2011

Protocol: 1127AHG1



Calibrated
Accepted

A
B 2.71234e-4
C -9.42696e-3
Rhc .999798

Accepted Date: 27-Nov-12 10:29

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	-.0010	-.0010	31	0	31				
02	.20000	.2401	.0401	920	0%	920				
03	.50000	.5073	.0073	1905	0%	1905				
04	1.0000	1.040	.0397	3868	0%	3868				
05	5.0000	4.845	-.1554	17897	0%	17896				
06	10.000	10.07	.0694	37159	0%	37159				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		10:16:33 27 Nov 12			HG
Hg	.0000	ppb	31						
*** Standard: 2 Rep: 1				Seq: 2		10:18:48 27 Nov 12			HG
Hg	.2000	ppb	920						
*** Standard: 3 Rep: 1				Seq: 3		10:21:05 27 Nov 12			HG
Hg	.5000	ppb	1905						
*** Standard: 4 Rep: 1				Seq: 4		10:23:21 27 Nov 12			HG
Hg	1.000	ppb	3868						
*** Standard: 5 Rep: 1				Seq: 5		10:25:36 27 Nov 12			HG
Hg	5.000	ppb	17896						
*** Standard: 6 Rep: 1				Seq: 6		10:28:00 27 Nov 12			HG
Hg	10.00	ppb	37159						

*** Check Standard: 2 Ck2ICV Seq: 7 10:32:42 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		94.99	2.375	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB Seq: 8 10:34:58 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	-.0205	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL Seq: 9 10:37:13 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		83.17	.1663	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 10 11:33:50 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.79	4.989	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 11 11:36:06 27 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0254	.2000	ppb	.0000

*** Sample ID: MB 240-66226/1-B			Seq: 12	11:38:30 27 Nov 12		HG
Hg	.0215	ppb	.0000	.0215		
*** Sample ID: LCS 240-66226/2-B			Seq: 13	11:40:54 27 Nov 12		HG
Hg	5.056	ppb	.0000	5.056		
*** Sample ID: 240-17175-F-2-B			Seq: 14	11:43:09 27 Nov 12		HG
Hg	-.0162	ppb	.0000	-.0162		
*** Sample ID: 240-17175-F-2-C MS			Seq: 15	11:45:24 27 Nov 12		HG
Hg	.9757	ppb	.0000	.9757		
*** Sample ID: 240-17175-F-2-D MSD			Seq: 16	11:47:46 27 Nov 12		HG
Hg	.9673	ppb	.0000	.9673		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 17	11:51:08 27 Nov 12	HG		
				240-17251-D-10-I				
Hg	.0166	ppb	.0000	.0166				
*** Sample ID:				Seq: 18	11:53:24 27 Nov 12	HG		
				240-17175-D-6-I				
Hg	-.0062	ppb	.0000	-.0062				
*** Sample ID:				Seq: 19	11:55:58 27 Nov 12	HG		
				240-17251-E-12-I				
Hg	.0334	ppb	.0000	.0334				
*** Sample ID:				Seq: 20	11:58:23 27 Nov 12	HG		
				240-17251-D-8-I				
Hg	.0109	ppb	.0000	.0109				
*** Sample ID:				Seq: 21	12:00:47 27 Nov 12	HG		
				240-17175-D-8-I				
Hg	.0161	ppb	.0000	.0161				

*** Check Standard: 6 Ck6CCV Seq: 22 12:03:02 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.0	5.151	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 23 12:05:25 27 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0159	.2000	ppb	.0000

*** Sample ID:				Seq: 24	12:07:40 27 Nov 12	HG		
				240-17251-D-7-I				
Hg	.0144	ppb	.0000	.0144				
*** Sample ID:				Seq: 25	12:10:02 27 Nov 12	HG		
				240-17251-D-3-I				
Hg	-.0013	ppb	.0000	-.0013				
*** Sample ID:				Seq: 26	12:12:18 27 Nov 12	HG		
				240-17175-D-3-I				
Hg	.0277	ppb	.0000	.0277				
*** Sample ID:				Seq: 27	12:14:44 27 Nov 12	HG		
				240-17251-D-1-I				
Hg	.0397	ppb	.0000	.0397				
*** Sample ID:				Seq: 28	12:17:07 27 Nov 12	HG		
				240-17251-E-13-I				
Hg	.0280	ppb	.0000	.0280				
*** Sample ID:				Seq: 29	12:19:22 27 Nov 12	HG		
				240-17251-E-11-I				
Hg	.0546	ppb	.0000	.0546				
*** Sample ID:				Seq: 30	12:21:38 27 Nov 12	HG		
				240-17251-D-9-I				
Hg	.0288	ppb	.0000	.0288				
*** Sample ID:				Seq: 31	12:24:04 27 Nov 12	HG		
				240-17251-E-14-I				
Hg	.0285	ppb	.0000	.0285				
*** Sample ID:				Seq: 32	12:26:20 27 Nov 12	HG		
				240-17175-F-1-B				
Hg	.0066	ppb	.0000	.0066				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 33	12:28:35 27 Nov 12	HG		
				240-17175-D-7-I				
Hg	.0275	ppb	.0000	.0275				
*** Check Standard: 6 Ck6CCV				Seq: 34	12:32:18 27 Nov 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		104.4	5.221	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 35	12:34:51 27 Nov 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0265	.2000	ppb	.0000			
*** Sample ID:				Seq: 36	12:37:06 27 Nov 12	HG		
				240-17175-D-4-I				
Hg	.0022	ppb	.0000	.0022				
*** Sample ID:				Seq: 37	12:39:29 27 Nov 12	HG		
				240-17251-E-17-I				
Hg	.0307	ppb	.0000	.0307				
*** Sample ID:				Seq: 38	12:41:44 27 Nov 12	HG		
				240-17251-E-2-B				
Hg	.0201	ppb	.0000	.0201				
*** Sample ID:				Seq: 39	12:43:59 27 Nov 12	HG		
				240-17175-D-5-I				
Hg	.0120	ppb	.0000	.0120				
*** Sample ID:				Seq: 40	12:47:01 27 Nov 12	HG		
				MB 240-64940/1-A				
Hg	.0017	ppb	.0000	.0017				
*** Sample ID:				Seq: 41	12:49:16 27 Nov 12	HG		
				LCS 240-64940/2-A				
Hg	4.448	ppb	.0000	4.448				
*** Sample ID:				Seq: 42	12:51:49 27 Nov 12	HG		
				240-17375-I-1-B				
Hg	.0071	ppb	.0000	.0071				
*** Sample ID:				Seq: 43	12:54:04 27 Nov 12	HG		
				240-17375-I-1-C MS				
Hg	.9684	ppb	.0000	.9684				
*** Sample ID:				Seq: 44	12:56:19 27 Nov 12	HG		
				240-17375-I-1-D MSD				
Hg	.9136	ppb	.0000	.9136				
*** Sample ID:				Seq: 45	12:58:45 27 Nov 12	HG		
				240-17361-F-13-B				
Hg	.0231	ppb	.0000	.0231				
*** Check Standard: 6 Ck6CCV				Seq: 46	13:01:00 27 Nov 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		103.8	5.191	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 47	13:03:15 27 Nov 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0425	.2000	ppb	.0000			
*** Sample ID:				Seq: 48	13:05:30 27 Nov 12	HG		
				240-17446-B-1-A				
Hg	.0375	ppb	.0000	.0375				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 49	13:07:45 27 Nov 12	HG		
				240-17443-A-4-B				
Hg	.0212	ppb	.0000	.0212				
*** Sample ID:				Seq: 50	13:10:12 27 Nov 12	HG		
				240-17443-A-1-B				
Hg	.0372	ppb	.0000	.0372				
*** Sample ID:				Seq: 51	13:12:34 27 Nov 12	HG		
				240-17443-A-6-B				
Hg	.0277	ppb	.0000	.0277				
*** Sample ID:				Seq: 52	13:14:51 27 Nov 12	HG		
				240-17361-F-14-B				
Hg	.0367	ppb	.0000	.0367				
*** Sample ID:				Seq: 53	13:17:06 27 Nov 12	HG		
				240-17361-F-17-B				
Hg	.0310	ppb	.0000	.0310				
*** Sample ID:				Seq: 54	13:19:22 27 Nov 12	HG		
				240-17399-J-1-A				
Hg	.1490	ppb	.0000	.1490				
*** Sample ID:				Seq: 55	13:21:37 27 Nov 12	HG		
				240-17443-A-3-B				
Hg	-.0083	ppb	.0000	-.0083				
*** Sample ID:				Seq: 56	13:23:52 27 Nov 12	HG		
				240-17412-G-1-B				
Hg	.0166	ppb	.0000	.0166				
*** Sample ID:				Seq: 57	13:26:07 27 Nov 12	HG		
				240-17443-A-2-B				
Hg	.0353	ppb	.0000	.0353				

*** Check Standard: 6 Ck6CCV Seq: 58 13:28:30 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.8	5.142	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 59 13:30:45 27 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0279	.2000	ppb	.0000

*** Sample ID:				Seq: 60	13:33:00 27 Nov 12	HG		
				240-17379-J-3-A				
Hg	.0104	ppb	.0000	.0104				
*** Sample ID:				Seq: 61	13:35:41 27 Nov 12	HG		
				240-17379-J-1-A				
Hg	.0611	ppb	.0000	.0611				
*** Sample ID:				Seq: 62	13:37:56 27 Nov 12	HG		
				240-17361-F-15-B				
Hg	.0039	ppb	.0000	.0039				
*** Sample ID:				Seq: 63	13:40:27 27 Nov 12	HG		
				240-17416-G-1-B				
Hg	.0318	ppb	.0000	.0318				
*** Sample ID:				Seq: 64	13:42:42 27 Nov 12	HG		
				240-17399-j-3-a				
Hg	.0709	ppb	.0000	.0709				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 65 13:45:18 27 Nov 12 HG
240-17483-c-1-a

Hg	.0356	ppb	.0000	.0356				

*** Sample ID: Seq: 66 13:47:49 27 Nov 12 HG
240-17415-g-1-b

Hg	.0256	ppb	.0000	.0256				

*** Sample ID: Seq: 67 13:50:04 27 Nov 12 HG
240-17361-f-16-b

Hg	.0074	ppb	.0000	.0074				

*** Check Standard: 6 Ck6CCV Seq: 68 13:52:21 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.9	5.143	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 69 13:54:36 27 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0387	.2000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 86 15:05:34 27 Nov 12 HG
240-17703-D-4-A
Hg .0473 ppb .0000 .0473

*** Sample ID: Seq: 87 15:08:30 27 Nov 12 HG
240-17774-F-2-B
Hg .0247 ppb .0000 .0247

*** Sample ID: Seq: 88 15:10:45 27 Nov 12 HG
240-17773-H-8-A
Hg .0266 ppb .0000 .0266

*** Sample ID: Seq: 89 15:13:00 27 Nov 12 HG
240-17703-D-3-A
Hg .0364 ppb .0000 .0364

*** Sample ID: Seq: 90 15:15:15 27 Nov 12 HG
240-17773-H-3-A
Hg .0285 ppb .0000 .0285

*** Sample ID: Seq: 91 15:17:56 27 Nov 12 HG
240-17703-D-2-A
Hg .0134 ppb .0000 .0134

*** Sample ID: Seq: 92 15:20:13 27 Nov 12 HG
~~240-17773-H-8-A~~ 240-17773-A-6-A 11/28/12 DSH
Hg .0090 ppb .0000 .0090

*** Sample ID: Seq: 93 15:22:29 27 Nov 12 HG
240-17773-H-1-A
Hg .0272 ppb .0000 .0272

*** Check Standard: 6 Ck6CCV Seq: 94 15:24:44 27 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.7	5.135	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 95 15:27:13 27 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0037	.2000	ppb	.0000

*** Sample ID: Seq: 96 15:29:28 27 Nov 12 HG
240-17661-B-10-A
Hg .0104 ppb .0000 .0104

*** Sample ID: Seq: 97 15:31:43 27 Nov 12 HG
240-17773-H-2-A
Hg .0172 ppb .0000 .0172

*** Sample ID: Seq: 98 15:34:05 27 Nov 12 HG
240-17773-H-5-A
Hg .0131 ppb .0000 .0131

*** Sample ID: Seq: 99 15:36:20 27 Nov 12 HG
240-17661-A-8-A
Hg .0210 ppb .0000 .0210

*** Sample ID: Seq: 100 15:38:35 27 Nov 12 HG
240-17773-H-7-A
Hg .0185 ppb .0000 .0185

*** Sample ID: Seq: 101 15:40:50 27 Nov 12 HG
~~240-17661-A-8-A~~ 240-17661-A6A 11/28/12 DSH
Hg .0345 ppb .0000 .0345

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : CORP-MT-0005 Rev 1 7471: CORP-MT-0007 Rev 1

Run Date: 11/16/12 Analyst: DSH Instrument: HG1

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	✓
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I Analyst: [signature] Date/Time: 11/17/12

Level I Analyst: Date/Time:

Comments: Batch #65459 (LCS DOD) clearing MRL

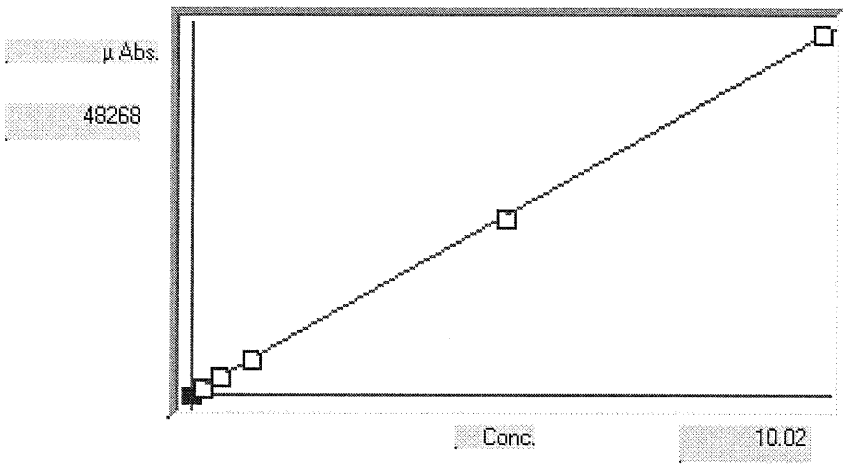
2nd Level Reviewer: [signature] Date/Time: 11/19/12

2nd Level Reviewer: Date/Time:

Curve Date 11/15/12 Curve Time 8:57 - 9:27 DILUTION H20 00012

Revised 06/1/2011

Protocol: 1116AHG1



Wt fit

Calibrated

Accepted

A

B 2.08030e-4

C -1.65437e-2

Rhc .999977

Accepted Date: 16-Nov-12 09:11

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0126	.0126	141	0	140				
02	.20000	.1990	-.0010	1036	0%	1036				
03	.50000	.5042	.0042	2504	0%	2503				
04	1.0000	1.013	.0126	4948	0%	4947				
05	5.0000	4.947	-.0529	23860	0%	23860				
06	10.000	10.02	.0247	48268	0%	48268				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		09:03:43 16 Nov 12			HG
Hg	.0000	ppb	140						
*** Standard: 2 Rep: 1				Seq: 2		09:05:11 16 Nov 12			HG
Hg	.2000	ppb	1036						
*** Standard: 3 Rep: 1				Seq: 3		09:06:27 16 Nov 12			HG
Hg	.5000	ppb	2503						
*** Standard: 4 Rep: 1				Seq: 4		09:07:55 16 Nov 12			HG
Hg	1.000	ppb	4947						
*** Standard: 5 Rep: 1				Seq: 5		09:09:22 16 Nov 12			HG
Hg	5.000	ppb	23860						
*** Standard: 6 Rep: 1				Seq: 6		09:10:49 16 Nov 12			HG
Hg	10.00	ppb	48268						

*** Check Standard: 2 Ck2ICV				Seq: 7	09:12:47 16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.13	2.378	2.500	ppb	.0000

*** Check Standard: 3 Ck3ICB				Seq: 8	09:14:14 16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	.0159	.0000	ppb	.0000

*** Check Standard: 4 Ck4CRA\MRL				Seq: 9	09:16:00 16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.5	.2090	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV				Seq: 10	09:25:19 16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.3	5.014	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB				Seq: 11	09:26:42 16 Nov 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		.0105	.2000	ppb	.0000	

*** Sample ID: 240-17418-f-1-b@2				Seq: 12	09:28:03 16 Nov 12	HG
Hg	6.365	ppb	.0000	6.365		

*** Sample ID: 240-17418-f-3-b@5				Seq: 13	09:29:49 16 Nov 12	HG
Hg	3.293	ppb	.0000	3.293		

*** Sample ID: 240-17418-n-6-d@2				Seq: 14	09:31:04 16 Nov 12	HG
Hg	5.481	ppb	.0000	5.481		

*** Sample ID: 240-17418-n-6-e ms@2				Seq: 15	09:33:04 16 Nov 12	HG
Hg	4.828	ppb	.0000	4.828		

*** Sample ID: 240-17418-n-6-fmsd@2				Seq: 16	09:34:23 16 Nov 12	HG
Hg	5.441	ppb	.0000	5.441		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 17 09:36:11 16 Nov 12 HG
240-17418-f-7-b@2
Hg 6.312 ppb .0000 6.312

*** Check Standard: 6 Ck6CCV Seq: 18 09:37:38 16 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.4	5.019	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 19 09:38:56 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0134	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 20 18:08:45 16 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.79	4.939	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 21 18:10:27 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0430	.2000	ppb	.0000

*** Sample ID: Seq: 22 18:11:54 16 Nov 12 HG
MB 240-65191/1-A
Hg .1472 ppb .0000 .1472

*** Sample ID: Seq: 23 18:13:54 16 Nov 12 HG
LCS 240-65191/2-A
Hg 4.131 ppb .0000 4.131

*** Sample ID: Seq: 24 18:15:09 16 Nov 12 HG
240-17230-A-6-R
Hg .3317 ppb .0000 .3317

*** Sample ID: Seq: 25 18:16:34 16 Nov 12 HG
240-17230-A-6-AB DU
Hg .2685 ppb .0000 .2685

*** Sample ID: Seq: 26 18:18:32 16 Nov 12 HG
240-17230-A-6-S MS
Hg 1.178 ppb .0000 1.178

*** Sample ID: Seq: 27 18:19:51 16 Nov 12 HG
240-17230-A-3-D
Hg .2562 ppb .0000 .2562

*** Sample ID: Seq: 28 18:21:08 16 Nov 12 HG
240-17230-A-7-G
Hg .3673 ppb .0000 .3673

*** Sample ID: Seq: 29 18:22:24 16 Nov 12 HG
240-17317-A-1-D
Hg .5422 ppb .0000 .5422

*** Sample ID: Seq: 30 18:23:41 16 Nov 12 HG
240-17317-A-2-D
Hg .4769 ppb .0000 .4769

*** Sample ID: Seq: 31 18:25:12 16 Nov 12 HG
240-17317-A-3-D
Hg .4763 ppb .0000 .4763

*** Check Standard: 6 Ck6CCV Seq: 32 18:26:48 16 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.1	5.054	5.000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 33 18:28:47 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0353	.2000	ppb	.0000

*** Sample ID: Seq: 34 18:30:04 16 Nov 12 HG

240-17317-A-4-D

Hg	.2809	ppb	.0000	.2809

*** Sample ID: Seq: 35 18:31:21 16 Nov 12 HG

240-17317-A-5-C

Hg	.7039	ppb	.0000	.7039

*** Sample ID: Seq: 36 18:32:46 16 Nov 12 HG

240-17317-A-6-C

Hg	.7394	ppb	.0000	.7394

*** Sample ID: Seq: 37 18:34:22 16 Nov 12 HG

240-17317-A-7-I

Hg	.2832	ppb	.0000	.2832

*** Sample ID: Seq: 38 18:35:40 16 Nov 12 HG

240-17317-A-7-M DU

Hg	.2959	ppb	.0000	.2959

*** Sample ID: Seq: 39 18:36:55 16 Nov 12 HG

240-17317-A-7-J MS

Hg	1.138	ppb	.0000	1.138

*** Sample ID: Seq: 40 18:38:15 16 Nov 12 HG

240-17317-A-8-C

Hg	.2568	ppb	.0000	.2568

*** Sample ID: Seq: 41 18:39:32 16 Nov 12 HG

240-17317-A-9-D

Hg	.3721	ppb	.0000	.3721

*** Sample ID: Seq: 42 18:41:18 16 Nov 12 HG

240-17317-A-10-C

Hg	.3421	ppb	.0000	.3421

*** Sample ID: Seq: 43 18:42:51 16 Nov 12 HG

240-17317-A-14-C

Hg	.2920	ppb	.0000	.2920

*** Check Standard: 6 Ck6CCV Seq: 44 18:44:30 16 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.0	5.052	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 45 18:45:48 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0151	.2000	ppb	.0000

*** Sample ID: Seq: 46 18:47:15 16 Nov 12 HG

240-17317-A-15-C

Hg	.3827	ppb	.0000	.3827

*** Sample ID: Seq: 47 18:48:36 16 Nov 12 HG

240-17317-A-16-C

Hg	.4253	ppb	.0000	.4253

*** Sample ID: Seq: 48 18:50:18 16 Nov 12 HG

240-17317-A-17-C

Hg	.5360	ppb	.0000	.5360

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 49	18:52:18 16 Nov 12	HG		
				240-17317-A-18-C				
Hg	.3773	ppb	.0000	.3773				
*** Sample ID:				Seq: 50	18:53:34 16 Nov 12	HG		
				240-17317-A-19-H				
Hg	.3365	ppb	.0000	.3365				
*** Sample ID:				Seq: 51	18:54:50 16 Nov 12	HG		
				240-17317-A-19-L DU				
Hg	.3450	ppb	.0000	.3450				
*** Sample ID:				Seq: 52	18:56:05 16 Nov 12	HG		
				240-17317-A-19-I MS				
Hg	1.205	ppb	.0000	1.205				
*** Sample ID:				Seq: 53	18:57:36 16 Nov 12	HG		
				240-17317-A-20-C				
Hg	.3298	ppb	.0000	.3298				
*** Sample ID:				Seq: 54	18:59:06 16 Nov 12	HG		
				MB 240-65204/1-A				
Hg	.1657	ppb	.0000	.1657				
*** Sample ID:				Seq: 55	19:00:33 16 Nov 12	HG		
				LCS 240-65204/2-A				
Hg	4.229	ppb	.0000	4.229				

*** Check Standard: 6 Ck6CCV Seq: 56 19:01:50 16 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.7	5.033	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 57 19:03:08 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0263	.2000	ppb	.0000

*** Sample ID:				Seq: 58	19:04:24 16 Nov 12	HG		
				240-17422-A-2-H				
Hg	.4632	ppb	.0000	.4632				
*** Sample ID:				Seq: 59	19:05:42 16 Nov 12	HG		
				240-17422-A-2-M DU				
Hg	.4865	ppb	.0000	.4865				
*** Sample ID:				Seq: 60	19:07:23 16 Nov 12	HG		
				240-17422-A-2-J MS				
Hg	1.374	ppb	.0000	1.374				
*** Sample ID:				Seq: 61	19:08:50 16 Nov 12	HG		
				240-17317-A-21-C				
Hg	.6219	ppb	.0000	.6219				
*** Sample ID:				Seq: 62	19:10:15 16 Nov 12	HG		
				240-17317-A-22-C				
Hg	.4114	ppb	.0000	.4114				
*** Sample ID:				Seq: 63	19:11:32 16 Nov 12	HG		
				240-17317-A-23-C				
Hg	.2252	ppb	.0000	.2252				
*** Sample ID:				Seq: 64	19:12:59 16 Nov 12	HG		
				240-17317-A-24-C				
Hg	.2764	ppb	.0000	.2764				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 65	19:14:19 16 Nov 12	HG		
				240-17422-A-1-D				
Hg	.7800	ppb	.0000	.7800				
*** Sample ID:				Seq: 66	19:15:35 16 Nov 12	HG		
				240-17422-A-3-D				
Hg	.5535	ppb	.0000	.5535				
*** Sample ID:				Seq: 67	19:16:53 16 Nov 12	HG		
				240-17422-A-4-C				
Hg	1.295	ppb	.0000	1.295				
*** Check Standard: 6 Ck6CCV				Seq: 68	19:18:50 16 Nov 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.2	5.062	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 69	19:20:07 16 Nov 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0357	.2000	ppb	.0000			
*** Sample ID:				Seq: 70	19:21:23 16 Nov 12	HG		
				240-17422-A-5-D				
Hg	.3223	ppb	.0000	.3223				
*** Sample ID:				Seq: 71	19:22:43 16 Nov 12	HG		
				240-17422-A-6-H				
Hg	.3350	ppb	.0000	.3350				
*** Sample ID:				Seq: 72	19:24:01 16 Nov 12	HG		
				240-17422-A-6-M DU				
Hg	.3554	ppb	.0000	.3554				
*** Sample ID:				Seq: 73	19:26:51 16 Nov 12	HG		
				240-17422-A-6-J MS				
Hg	1.215	ppb	.0000	1.215				
*** Sample ID:				Seq: 74	19:28:09 16 Nov 12	HG		
				240-17422-a-7-c				
Hg	.3567	ppb	.0000	.3567				
*** Sample ID:				Seq: 75	19:29:31 16 Nov 12	HG		
				240-17422-a-8-c				
Hg	.5599	ppb	.0000	.5599				
*** Sample ID:				Seq: 76	19:30:52 16 Nov 12	HG		
				240-17422-a-9-g				
Hg	.5008	ppb	.0000	.5008				
*** Sample ID:				Seq: 77	19:32:21 16 Nov 12	HG		
				240-17422-a-9-l du				
Hg	.5374	ppb	.0000	.5374				
*** Sample ID:				Seq: 78	19:33:40 16 Nov 12	HG		
				240-17422-a-9-i ms				
Hg	1.340	ppb	.0000	1.340				
*** Sample ID:				Seq: 79	19:35:17 16 Nov 12	HG		
				240-17422-a-10-c				
Hg	.4738	ppb	.0000	.4738				
*** Check Standard: 6 Ck6CCV				Seq: 80	19:36:54 16 Nov 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.9	5.046	5.000	ppb	.0000		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 81 19:38:19 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0047	.2000	ppb	.0000

*** Sample ID: Seq: 82 19:40:20 16 Nov 12 HG
240-17422-a-11-c

Hg	.5345	ppb	.0000	.5345

*** Sample ID: Seq: 83 19:41:39 16 Nov 12 HG
240-17422-a-12-c

Hg	.3814	ppb	.0000	.3814

*** Sample ID: Seq: 84 19:42:59 16 Nov 12 HG
240-17477-a-5-c

Hg	.3872	ppb	.0000	.3872

*** Sample ID: Seq: 85 19:44:20 16 Nov 12 HG
240-17477-a-6-h

Hg	.3517	ppb	.0000	.3517

*** Sample ID: Seq: 86 19:45:38 16 Nov 12 HG
240-17477-a-6-m du

Hg	.3192	ppb	.0000	.3192

*** Sample ID: Seq: 87 19:46:57 16 Nov 12 HG
240-17477-a-6-j ms

Hg	1.168	ppb	.0000	1.168

*** Sample ID: Seq: 88 19:48:13 16 Nov 12 HG
240-17477-a-7-d

Hg	.3271	ppb	.0000	.3271

*** Sample ID: CRA Seq: 89 19:49:50 16 Nov 12 HG

Hg	.2075	ppb	.0000	.2075

*** Check Standard: 6 Ck6CCV Seq: 90 19:51:08 16 Nov 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.0	5.052	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 91 19:52:26 16 Nov 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0084	.2000	ppb	.0000

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65198 Batch Start Date: 11/15/12 12:19 Batch Analyst: Girard, Susan

Batch Method: 3050B Batch End Date: 11/15/12 18:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MT1TO1HN03 00376	MTH202 00012	MTHCL 00047
MB 240-65198/1		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	10 mL	10 mL	10 mL
LCS 240-65198/2		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-2-B	076SS-0020M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.08 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-2-KDU	076SS-0020M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.08 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-2-CMS	076SS-0020M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.08 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-1-B	076SS-0019M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.12 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-3-B	076SS-0021M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.20 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-4-A	073SS-0001M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.12 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-5-B	073SS-0002M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.19 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-6-B	073SS-0003M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.06 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-6-KDU	073SS-0003M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.06 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-6-CMS	073SS-0003M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.06 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-8-A	073SS-0005M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.15 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-9-A	068SD-0009-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-9-JDU	068SD-0009-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-9-BMS	068SD-0009-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-10-A	068SD-00010-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.22 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-11-A	068SD-00011-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.02 g	100 mL	10 mL	10 mL	10 mL
240-17422-A-12-A	068SD-00012-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.15 g	100 mL	10 mL	10 mL	10 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTHNO3 00036	MTICPMS2 00009	MTICPMSA 00007	MTICPMSA 00010	MTICPMSB 00007	MTICPMSB 00010
MB 240-65198/1		3050B, 6020/DOD		5 mL					
LCS 240-65198/2		3050B, 6020/DOD		5 mL	1 mL		1 mL		1 mL

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65198 Batch Start Date: 11/15/12 12:19 Batch Analyst: Girard, Susan

Batch Method: 3050B Batch End Date: 11/15/12 18:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTHNO3 00036	MTICPMS2 00009	MTICPMSA 00007	MTICPMSA 00010	MTICPMSB 00007	MTICPMSB 00010
240-17422-A-2-B	076SS-0020M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-2-KDU	076SS-0020M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-2-CMS	076SS-0020M-0001-SO	3050B, 6020/DOD	T	5 mL	1 mL	1 mL		1 mL	
240-17422-A-1-B	076SS-0019M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-3-B	076SS-0021M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-4-A	073SS-0001M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-5-B	073SS-0002M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-6-B	073SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-6-KDU	073SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-6-CMS	073SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL	1 mL	1 mL		1 mL	
240-17422-A-8-A	073SS-0005M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-9-A	068SD-0009-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-9-JDU	068SD-0009-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-9-BMS	068SD-0009-0001-SO	3050B, 6020/DOD	T	5 mL	1 mL	1 mL		1 mL	
240-17422-A-10-A	068SD-00010-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-11-A	068SD-00011-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17422-A-12-A	068SD-00012-0001-SO	3050B, 6020/DOD	T	5 mL					

Batch Notes	
Balance ID	b038
Filter Paper Lot Number	6326666
Pipette ID	383364-383389
Digestion Tube/Cup Lot #	121014

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65198 Batch Start Date: 11/15/12 12:19 Batch Analyst: Girard, Susan

Batch Method: 3050B Batch End Date: 11/15/12 18:00

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65311 Batch Start Date: 11/16/12 09:08 Batch Analyst: McGall, Lisa

Batch Method: 3005A Batch End Date: 11/16/12 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTHCL 00047	MTHNO3 00036	MTICPMS2 00009	MTICPMSA 00007
MB 240-65311/1		3005A, 6020/DOD		50 mL	50 mL	2.5 mL	1 mL		
LCS 240-65311/2		3005A, 6020/DOD		50 mL	50 mL	2.5 mL	1 mL	0.5 mL	
240-17422-B-13	076SW-0013-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL	2.5 mL	1 mL		
240-17422-B-13 DU	076SW-0013-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL	2.5 mL	1 mL		
240-17422-B-13 MS	076SW-0013-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL	2.5 mL	1 mL	0.5 mL	0.5 mL
240-17422-A-14	076SW-0014-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL	2.5 mL	1 mL		
240-17422-A-15	076SW-0015-0001-SW	3005A, 6020/DOD	R	50 mL	50 mL	2.5 mL	1 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTICPMSA 00010	MTICPMSB 00007	MTICPMSB 00010			
MB 240-65311/1		3005A, 6020/DOD							
LCS 240-65311/2		3005A, 6020/DOD		0.5 mL		0.5 mL			
240-17422-B-13	076SW-0013-0001-SW	3005A, 6020/DOD	R						
240-17422-B-13 DU	076SW-0013-0001-SW	3005A, 6020/DOD	R						
240-17422-B-13 MS	076SW-0013-0001-SW	3005A, 6020/DOD	R		0.5 mL				
240-17422-A-14	076SW-0014-0001-SW	3005A, 6020/DOD	R						
240-17422-A-15	076SW-0015-0001-SW	3005A, 6020/DOD	R						

Batch Notes	
Filter Paper Lot Number	6326666
Pipette ID	383363
Digestion Tube/Cup Lot #	1205258

Basis	Basis Description
R	Total Recoverable

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 66219 Batch Start Date: 11/26/12 15:25 Batch Analyst: Girard, Susan

Batch Method: 7470A Batch End Date: 11/26/12 17:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00010	MTHGICVW 00435	MTHNO3 00037	MTK2S208RGNT 00029
240-17422-B-13	076SW-0013-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-17422-B-13 DU	076SW-0013-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-17422-B-13 MS	076SW-0013-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL	0.2 mL	2.5 mL	8 mL
240-17422-A-14	076SW-0014-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-17422-A-15	076SW-0015-0001-SW	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTKMnO4Liq 00006					
240-17422-B-13	076SW-0013-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-17422-B-13 DU	076SW-0013-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-17422-B-13 MS	076SW-0013-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-17422-A-14	076SW-0014-0001-SW	7470A, 7470A/DOD	T	15 mL					
240-17422-A-15	076SW-0015-0001-SW	7470A, 7470A/DOD	T	15 mL					

Batch Notes	
Pipette ID	432085-383364
Digestion Tube/Cup Lot #	10-12-12

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 66340 Batch Start Date: 11/26/12 15:00 Batch Analyst: Girard, Susan

Batch Method: 7470A Batch End Date: 11/26/12 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00010	MTHGCALW 00283	MTHGICVW 00435	MTHNO3 00037
ICV 240-66340/7		7470A, 7470A/DOD		100 mL	100 mL	5 mL		0.5 mL	2.5 mL
ICB 240-66340/8		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
CRA 240-66340/9		7470A, 7470A/DOD		100 mL	100 mL	5 mL	0.2 mL		2.5 mL
CCVL 240-66340/10		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCV 240-66340/11		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCB 240-66340/12		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTK2S208RGNT 00029	MTKMnO4Liq 00006				
ICV 240-66340/7		7470A, 7470A/DOD		8 mL	15 mL				
ICB 240-66340/8		7470A, 7470A/DOD		8 mL	15 mL				
CRA 240-66340/9		7470A, 7470A/DOD		8 mL	15 mL				
CCVL 240-66340/10		7470A, 7470A/DOD		8 mL	15 mL				
CCV 240-66340/11		7470A, 7470A/DOD		8 mL	15 mL				
CCB 240-66340/12		7470A, 7470A/DOD		8 mL	15 mL				

Batch Notes	
Pipette ID	432085-383364-383363-383366
Digestion Tube/Cup Lot #	10-12-12

Basis	Basis Description

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65204 Batch Start Date: 11/15/12 14:40 Batch Analyst: Girard, Susan

Batch Method: 7471A Batch End Date: 11/15/12 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00392	MTHGICVW 00428	MTKMnO4Liq 00005	
MB 240-65204/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-65204/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	1 mL	15 mL	
240-17422-A-2-B	076SS-0020M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-17422-A-2-KDU	076SS-0020M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-17422-A-2-CMS	076SS-0020M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL	0.2 mL	15 mL	
240-17422-A-1-B	076SS-0019M-0001-SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-17422-A-3-B	076SS-0021M-0001-SO	7471A, 7471/DOD	T	0.67 g	100 mL	5 mL		15 mL	
240-17422-A-4-A	073SS-0001M-0001-SO	7471A, 7471/DOD	T	0.70 g	100 mL	5 mL		15 mL	
240-17422-A-5-B	073SS-0002M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17422-A-6-B	073SS-0003M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17422-A-6-KDU	073SS-0003M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17422-A-6-CMS	073SS-0003M-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL	0.2 mL	15 mL	
240-17422-A-8-A	073SS-0005M-0001-SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-17422-A-9-A	068SD-0009-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17422-A-9-JDU	068SD-0009-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17422-A-9-BMS	068SD-0009-0001-SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL	0.2 mL	15 mL	
240-17422-A-10-A	068SD-00010-0001-SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-17422-A-11-A	068SD-00011-0001-SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-17422-A-12-A	068SD-00012-0001-SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b038
Pipette ID	432085-383364-383389
Digestion Tube/Cup Lot #	10-12-12

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65204 Batch Start Date: 11/15/12 14:40 Batch Analyst: Girard, Susan

Batch Method: 7471A Batch End Date: 11/15/12 15:10

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

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

SDG No.:

Batch Number: 65225 Batch Start Date: 11/15/12 08:57 Batch Analyst: Heakin, David

Batch Method: 7471A Batch End Date: 11/15/12 09:27

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00392	MTHGCALW 00280	MTHGICVW 00428	MTKMnO4Liq 00005
ICV 240-65225/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.5 mL	15 mL
ICB 240-65225/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-65225/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-65225/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-65225/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383364, 383366

Basis	Basis Description

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
076SS-0019M-0001-SO	240-17422-1
076SS-0020M-0001-SO	240-17422-2
076SS-0021M-0001-SO	240-17422-3
073SS-0001M-0001-SO	240-17422-4
073SS-0002M-0001-SO	240-17422-5
073SS-0003M-0001-SO	240-17422-6
073SS-0005M-0001-SO	240-17422-8
068SD-0009-0001-SO	240-17422-9
068SD-00010-0001-SO	240-17422-10
068SD-00011-0001-SO	240-17422-11
068SD-00012-0001-SO	240-17422-12

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job Number: 240-17422-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
076SS-0020M-0001-SO	240-17422-2
076SS-0021M-0001-SO	240-17422-3
073SS-0002M-0001-SO	240-17422-5
073SS-0003M-0001-SO	240-17422-6

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SS-0020M-0001-SO
Lab Sample ID: 240-17422-2
Lab Name: TestAmerica West Sacramento
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/07/2012 15:50
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	18	50	18	7.8	mg/Kg	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 076SS-0021M-0001-SO
Lab Sample ID: 240-17422-3
Lab Name: TestAmerica West Sacramento
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/07/2012 15:50
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	17	45	17	7.1	mg/Kg	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 073SS-0002M-0001-SO
Lab Sample ID: 240-17422-5
Lab Name: TestAmerica West Sacramento
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 11:00
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	17	47	17	7.4	mg/Kg	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 073SS-0003M-0001-SO
Lab Sample ID: 240-17422-6
Lab Name: TestAmerica West Sacramento
Job No.: 240-17422-1
SDG ID.:
Matrix: Solid
Date Sampled: 11/08/2012 11:00
Reporting Basis: WET
Date Received: 11/08/2012 17:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	17	48	17	7.4	mg/Kg	U		1	WS-WC-0050

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

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

SDG No.:

Analyst: JB Batch Start Date: 12/04/2012

Reporting Units: mg/L Analytical Batch No.: 6863

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	13:58	Nitrocellulose	8.38	4.49	187	90-110		WC-353.2-ICV_00010
9	ICB	14:00	Nitrocellulose	1.0				U	
21	CCV	14:24	Nitrocellulose	8.42	8.48	99	90-110		WC-353.2-L4_00008
22	CCB	14:26	Nitrocellulose	1.0				U	
35	CCV	14:52	Nitrocellulose	8.29	8.48	98	90-110		WC-353.2-L4_00008
36	CCB	14:54	Nitrocellulose	1.0				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

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

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 6863	Date: 12/04/2012 14:12	Prep Batch: 6824	Date: 12/04/2012 07:05				
WS-WC-0050	MB 320-6800/1-B	Nitrocellulose	1.8	U	mg/Kg	5.0	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

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

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6863	Date: 12/04/2012 14:18		Prep Batch: 6824		Date: 12/04/2012 07:05						
WS-WC-0050	240-17422-2	Nitrocellulose	18	U	mg/Kg						
WS-WC-0050	240-17422-2 MS	Nitrocellulose	291		mg/Kg	481	60	34-115			
Batch ID: 6863	Date: 12/04/2012 14:36		Prep Batch: 6824		Date: 12/04/2012 07:05						
WS-WC-0050	240-17422-6	Nitrocellulose	17	U	mg/Kg						
WS-WC-0050	240-17422-6 MS	Nitrocellulose	257		mg/Kg	510	50	34-115			

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

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

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6863	Date: 12/04/2012 14:20		Prep Batch: 6824		Date: 12/04/2012 07:05						
WS-WC-0050	240-17422-2 MSD	Nitrocellulose	283		mg/Kg	447	63	34-115	3	71	
Batch ID: 6863	Date: 12/04/2012 14:38		Prep Batch: 6824		Date: 12/04/2012 07:05						
WS-WC-0050	240-17422-6 MSD	Nitrocellulose	232		mg/Kg	464	50	34-115	10	71	

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

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

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

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6863	Date: 12/04/2012 14:14		Prep Batch: 6824			Date: 12/04/2012 07:05					
						LCS Source: HPNCSP_00007					
WS-WC-0050	LCS 320-6800/2-B	Nitrocellulose	25.1		mg/Kg	51.0	49	34-115			

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

FORM VIIA-IN

7A-IN
METHOD REPORTING LIMIT CHECK
GENERAL CHEMISTRY

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

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6863	Date: 12/04/2012 14:22										
						LCS Source:	WC-353.2-L1_00011				
WS-WC-0050	MRL 320-6863/20	Nitrocellulose	1.0	U	mg/L	0.424	109	70-130			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture LOQ Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: FS4

Method: WS-WC-0050 DL Date: 03/15/2011 14:37

Prep Method: 353 (NCell-Hyd)

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Nitrocellulose		5	0.78

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job Number: 240-17422-1

SDG Number:

Matrix: Solid Instrument ID: FS4

Method: WS-WC-0050 XMDL Date: 03/15/2011 14:36

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrocellulose		2	0.475

11-IN
LINEAR RANGES
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: FS4 Date: 07/31/2011 19:29

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Nitrocellulose		16.8	WS-WC-0050

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

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

SDG No.:

Prep Method: 353 (NCell-Hyd)

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 320-6800/1-B	12/04/2012 07:05	6824		45	40
LCS 320-6800/2-B	12/04/2012 07:05	6824		45	40
240-17422-2	12/04/2012 07:05	6824		45	40
240-17422-2 MS	12/04/2012 07:05	6824		45	40
240-17422-2 MSD	12/04/2012 07:05	6824		45	40
240-17422-3	12/04/2012 07:05	6824		45	40
240-17422-5	12/04/2012 07:05	6824		45	40
240-17422-6	12/04/2012 07:05	6824		45	40
240-17422-6 MS	12/04/2012 07:05	6824		45	40
240-17422-6 MSD	12/04/2012 07:05	6824		45	40

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/15/2012 08:05 End Date: 11/15/2012 09:09

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			08:05	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/15/2012 08:05 End Date: 11/15/2012 09:09

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			08:05																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/15/2012 08:05 End Date: 11/15/2012 09:09

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/15/2012 08:05 End Date: 11/15/2012 09:09

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			08:46																					
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ZZZZZZ			08:56																					
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240-17422-1	1	T	09:01	X	X																			
240-17422-2 DU	1	T	09:01	X	X																			
240-17422-2	1	T	09:01	X	X																			
240-17422-3	1	T	09:01	X	X																			
240-17422-5	1	T	09:01	X	X																			
240-17422-6 DU	1	T	09:01	X	X																			
240-17422-6	1	T	09:01	X	X																			
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Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
240-17422-9 DU	1	T	10:47	X	X																			
240-17422-9	1	T	10:47	X	X																			
240-17422-4	1	T	10:47	X	X																			
ZZZZZZ			10:47																					
240-17422-8	1	T	10:47	X	X																			
240-17422-10	1	T	10:47	X	X																			
240-17422-11	1	T	10:47	X	X																			
240-17422-12	1	T	10:47	X	X																			
ZZZZZZ			10:47																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			10:47																					
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ZZZZZZ			11:15																					
ZZZZZZ			11:15																					
ZZZZZZ			11:15																					
ZZZZZZ			11:15																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:15																					
ZZZZZZ			11:15																					
ZZZZZZ			11:15																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:33																					
ZZZZZZ			11:33																					
ZZZZZZ			11:33																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			11:50																					
ZZZZZZ			11:50																					
ZZZZZZ			11:50																					
ZZZZZZ			11:50																					
ZZZZZZ			11:54																					
ZZZZZZ			11:54																					
ZZZZZZ			11:54																					
ZZZZZZ			13:40

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:40																					
ZZZZZZ			13:40																					
ZZZZZZ			13:40																					
ZZZZZZ			13:40																					
ZZZZZZ			13:40																					
ZZZZZZ			14:03

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			14:08																				
ZZZZZZ			14:08																				
ZZZZZZ			14:08																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 12/04/2012 13:44 End Date: 12/04/2012 15:34

Lab Sample ID	D/F	Type	Time	Analytes																				
				NCL																				
ZZZZZZ			13:44																					
STD0 320-6863/2 IC			13:46	X																				
STD1 320-6863/3 IC			13:48	X																				
STD2 320-6863/4 IC			13:50	X																				
STD3 320-6863/5 IC			13:52	X																				
STD4 320-6863/6 IC			13:54	X																				
STD5 320-6863/7 IC			13:56	X																				
ICV 320-6863/8	1		13:58	X																				
ICB 320-6863/9	1		14:00	X																				
MRL 320-6863/10	1	T	14:02	X																				
ZZZZZZ			14:04																					
ZZZZZZ			14:06																					
ZZZZZZ			14:08																					
ZZZZZZ			14:10																					
MB 320-6800/1-B	1	T	14:12	X																				
LCS 320-6800/2-B	1	T	14:14	X																				
240-17422-2	1	T	14:16	X																				
240-17422-2 MS	1	T	14:18	X																				
240-17422-2 MSD	1	T	14:20	X																				
MRL 320-6863/20	1	T	14:22	X																				
CCV 320-6863/21	1		14:24	X																				
CCB 320-6863/22	1		14:26	X																				
ZZZZZZ			14:28																					
240-17422-3	1	T	14:30	X																				
240-17422-5	1	T	14:32	X																				
240-17422-6	1	T	14:34	X																				
240-17422-6 MS	1	T	14:36	X																				
240-17422-6 MSD	1	T	14:38	X																				
ZZZZZZ			14:40																					
ZZZZZZ			14:42																					
ZZZZZZ			14:44																					
ZZZZZZ			14:46																					
ZZZZZZ			14:48																					
ZZZZZZ			14:50																					
CCV 320-6863/35	1		14:52	X																				
CCB 320-6863/36	1		14:54	X																				
ZZZZZZ			14:56																					
ZZZZZZ			14:58																					
ZZZZZZ			15:00																					
ZZZZZZ			15:02																					
ZZZZZZ			15:04																					
ZZZZZZ			15:06																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

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

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 12/04/2012 13:44 End Date: 12/04/2012 15:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				NCL																			
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
ZZZZZZ			15:14																				
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
CCV 320-6863/49			15:20																				
CCB 320-6863/50			15:22																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
CCV 320-6863/54			15:30																				
CCB 320-6863/55			15:32																				
ZZZZZZ			15:34																				

Prep Types

T = Total/NA

Peak Table:Nitrate/Nitrite

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112812B.RST
Date: 28-Nov-12
Operator: jb

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	105	Sync	1	SYNC	1	1	113825	0.991692	
B	0	Baseline	1	RB	1	1	0	-0.006235	BL
3	0	Cal 0	1	C	1	1	-254	-0.008458	LO
4	102	Cal 1	1	C	1	1	5696	0.043700	
5	103	Cal 2	1	C	1	1	24079	0.204870	
6	104	Cal 3	1	C	1	1	48095	0.415427	
7	105	Cal 4	1	C	1	1	114288	0.995751	
8	106	Cal 5	1	C	1	1	228687	1.998709	
9	107	ICV	1	U	1	1	116576	1.015808	
10	0	BLANK/ICB	1	BLNK	1	1	594	-0.001027	LO
11	102	MRL	1	U	1	1	5536	0.042300	
12	108	NO2 1PPM	1	U	1	1	105986	0.922964	
13	109	NO3 1PPM	1	U	1	1	125516	1.094192	
14	0	Blank	1	BLNK	1	1	76	-0.005565	LO
B	0	Baseline	1	RB	1	1	0	-0.006235	BL
16	113	MB 320-6387/1-B	1	U	1	1	2571	0.016309	
17	114	LCS 320-6387/2-B	1	U	1	1	88697	0.771391	
18	115	240-17422-P-2-M	1	U	1	1	3628	0.025569	
19	116	240-17422-P-2-N MS	1	U	1	1	54543	0.471957	
20	117	240-17422-P-2-O MSD	1	U	1	1	57035	0.493805	
21	102	MRL	1	U	1	1	5809	0.044693	
22	105	CCV	1	U	1	1	113246	0.986614	
23	0	Blank	1	BLNK	1	1	139	-0.005015	LO
B	0	Baseline	1	RB	1	1	0	-0.006235	BL
25	118	240-17422-F-3-E	1	U	1	1	-340	-0.009220	LO
26	119	240-17422-F-5-E	1	U	1	1	614	-0.000855	LO
27	120	240-17422-O-6-D	1	U	1	1	-3944	-0.040811	LO
28	121	240-17422-O-6-E MS	1	U	1	1	35388	0.304017	
29	122	240-17422-O-6-F MSD	1	U	1	1	33285	0.285578	
30	123	240-17467-P-2-D	1	U	1	1	-12392	-0.114877	LO
31	128	240-17467-P-2-E MS	1	U	1	1	49400	0.426868	
32	129	240-17467-P-2-F MSD	1	U	1	1	43210	0.372600	
33	130	240-17467-F-4-B	1	U	1	1	30432	0.260570	
34	131	240-17477-A-6-AE	1	U	1	1	23329	0.198298	
35	102	MRL	1	U	1	1	20456	0.173110	
36	105	CCV	1	U	1	1	125048	1.090086	
37	0	BLANK	1	BLNK	1	1	4957	0.037224	
B	0	Baseline	1	RB	1	1	0	-0.006235	BL
39	132	240-17477-A-6-AF MS	1	U	1	1	41468	0.357322	
40	133	240-17477-A-6-AG MSD	1	U	1	1	33221	0.285024	
41	134	240-17477-F-7-D	1	U	1	1	3794	0.027030	
42	135	240-17525-A-1-AC	1	U	1	1	3220	0.021992	
43	136	240-17525-A-1-AD MS	1	U	1	1	42241	0.364098	
44	137	240-17525-A-1-AE MSD	1	U	1	1	51913	0.448899	
45	138	240-17525-F-2-D	1	U	1	1	3901	0.027966	
46	139	240-17525-A-5-AB	1	U	1	1	2678	0.017243	
47	140	240-17525-A-5-AC MS	1	U	1	1	50222	0.434072	
48	141	240-17525-A-5-AD MSD	1	U	1	1	51789	0.447809	
49	102	MRL	1	U	1	1	4370	0.032080	
50	105	CCV	1	U	1	1	115673	1.007894	
51	0	BLANK	1	BLNK	1	1	-534	-0.010917	LO
B	0	Baseline	1	RB	1	1	0	-0.006235	BL
53	142	240-17525-F-6-D	1	U	1	1	5247	0.039767	
54	102	MRL	1	U	1	1	5786	0.044495	
55	105	CCV	1	U	1	1	116473	1.014912	
56	0	BLANK	1	BLNK	1	1	278	-0.003794	LO
B	0	Baseline	1	RB	1	1	0	-0.006235	BL

Report Results by Sample
Result path: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112812B.RST
Sample table path: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112812b.tbl
Method path: Y:\no3_no2.mth
Date acquired: 28-Nov-12
Time acquired: 18:29

Facility Name:
Facility Location:
Department:

Operator Name: jb
Operator ID: jb

Platform: FS III/IV
Software Rev Code: 210
Data system ID: 57

Channel: 1
Analysis: Nitrate/Nitrite
CAS Number:
Methodology: NO2+NO3-353.2/N02-353.2/WS-WC-0050

	Temp	Warmup	Run time	Reps
rack 1	Off	1134:03:50	1:38:15	14
rack 2	Off	1134:03:50	1:38:15	14
rack 3	Off	1134:03:50	1:38:15	14

Notes

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	16:33:48	-0.01	[C]
0	Cal 0	C	16:35:48	-0.01	[C]
102	Cal 1	C	16:37:49	0.04	[C]
103	Cal 2	C	16:39:49	0.20	[C]
104	Cal 3	C	16:41:49	0.42	[C]
105	Cal 4	C	16:43:49	1.00	[C]
106	Cal 5	C	16:45:49	2.00	[C]
107	ICV	-	16:47:49	1.02	[-]
0	BLANK/ICB	C	16:49:50	0.00	[C]
102	MRL	-	16:51:50	0.04	[-]
108	NO2 1PPM	-	16:53:50	0.92	[-]
109	NO3 1PPM	-	16:55:50	1.09	[-]
0	Blank	C	16:57:50	-0.01	[C]
0	Baseline	C	16:59:51	-0.01	[C]
113	MB 320-6387/1-B	-	17:01:51	0.02	[-]
114	LCS 320-6387/2-B	-	17:03:51	0.77	[-]
115	240-17422-P-2-M	-	17:05:51	0.03	[-]
116	240-17422-P-2-N MS	-	17:07:51	0.47	[-]
117	240-17422-P-2-O MSD	-	17:09:51	0.49	[-]
102	MRL	-	17:11:52	0.04	[-]
105	CCV	-	17:13:52	0.99	[-]
0	Blank	C	17:15:52	-0.01	[C]
0	Baseline	C	17:17:52	-0.01	[C]
118	240-17422-F-3-E	-	17:19:52	-0.01	[-]
119	240-17422-F-5-E	-	17:21:52	0.00	[-]
120	240-17422-O-6-D	-	17:23:53	-0.04	[-]
121	240-17422-O-6-E MS	-	17:25:53	0.30	[-]
122	240-17422-O-6-F MSD	-	17:27:53	0.29	[-]
123	240-17467-P-2-D	-	17:29:53	-0.11	[-]
128	240-17467-P-2-E MS	-	17:31:53	0.43	[-]
129	240-17467-P-2-F MSD	-	17:33:53	0.37	[-]
130	240-17467-F-4-B	-	17:35:54	0.26	[-]
131	240-17477-A-6-AE	-	17:37:54	0.20	[-]
102	MRL	-	17:39:54	0.17	[-]
105	CCV	-	17:41:54	1.09	[-]
0	BLANK	C	17:43:54	0.04	[C]
0	Baseline	C	17:45:55	-0.01	[C]
132	240-17477-A-6-AF MS	-	17:47:55	0.36	[-]
133	240-17477-A-6-AG MSD	-	17:49:55	0.29	[-]
134	240-17477-F-7-D	-	17:51:55	0.03	[-]
135	240-17525-A-1-AC	-	17:53:55	0.02	[-]
136	240-17525-A-1-AD MS	-	17:55:55	0.36	[-]
137	240-17525-A-1-AE MSD	-	17:57:56	0.45	[-]
138	240-17525-F-2-D	-	17:59:56	0.03	[-]
139	240-17525-A-5-AB	-	18:01:56	0.02	[-]
140	240-17525-A-5-AC MS	-	18:03:56	0.43	[-]
141	240-17525-A-5-AD MSD	-	18:05:56	0.45	[-]
102	MRL	-	18:07:56	0.03	[-]
105	CCV	-	18:09:57	1.01	[-]
0	BLANK	C	18:11:57	-0.01	[C]
0	Baseline	C	18:13:57	-0.01	[C]
142	240-17525-F-6-D	-	18:15:57	0.04	[-]
102	MRL	-	18:17:57	0.04	[-]
105	CCV	-	18:19:57	1.01	[-]
0	BLANK	C	18:21:58	0.00	[C]
0	Baseline	C	18:23:58	-0.01	[C]

Nitrate/Nitrite:Calibration 1: Peak 3-57

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112812B.RST
Date: 28-Nov-12
Operator: jb

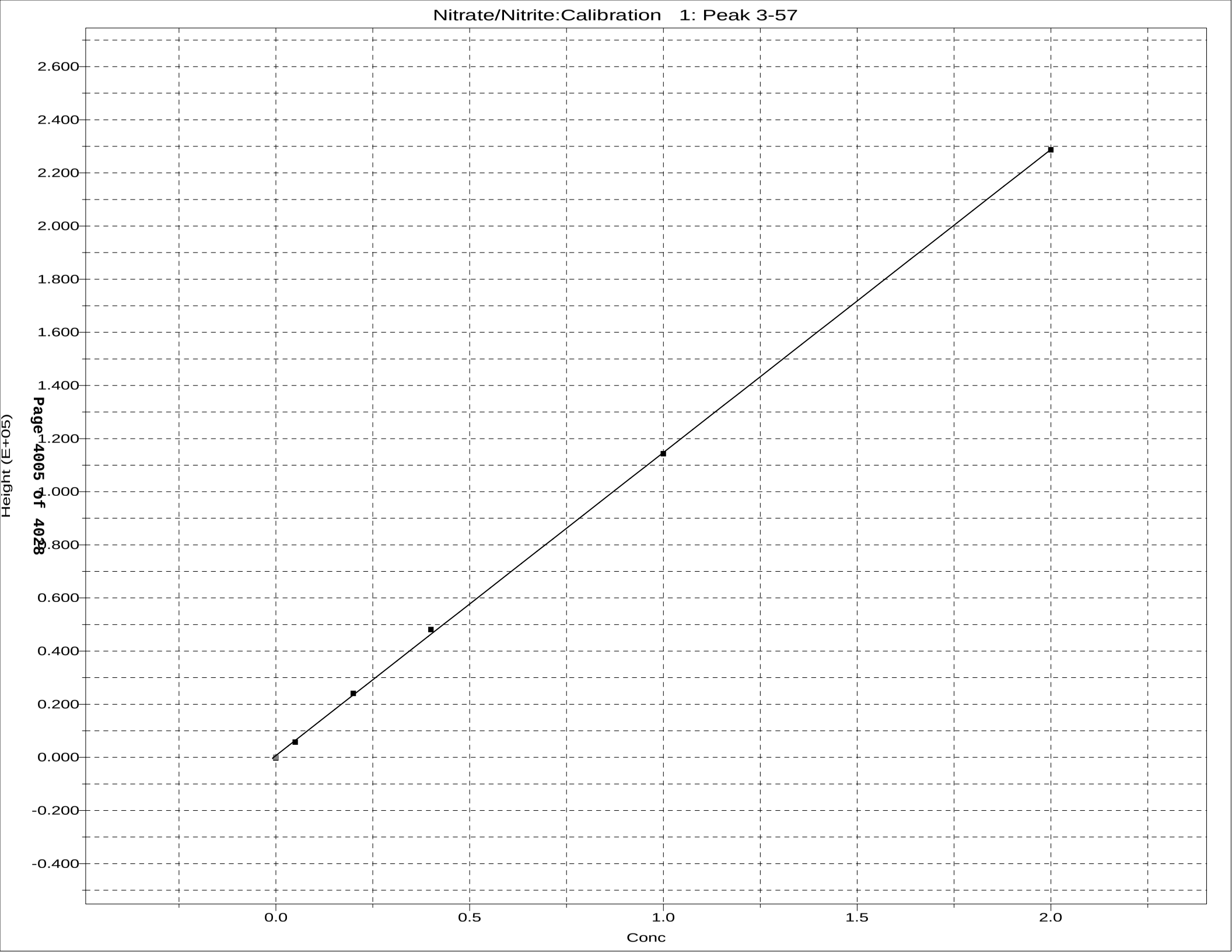
*	Name	Conc	Height
*	Cal 0	0.000000	-253.562958
*	Cal 1	0.050000	5695.653809
*	Cal 2	0.200000	24078.927734
*	Cal 3	0.400000	48095.308594
*	Cal 4	1.000000	114287.820312
*	Cal 5	2.000000	228686.546875

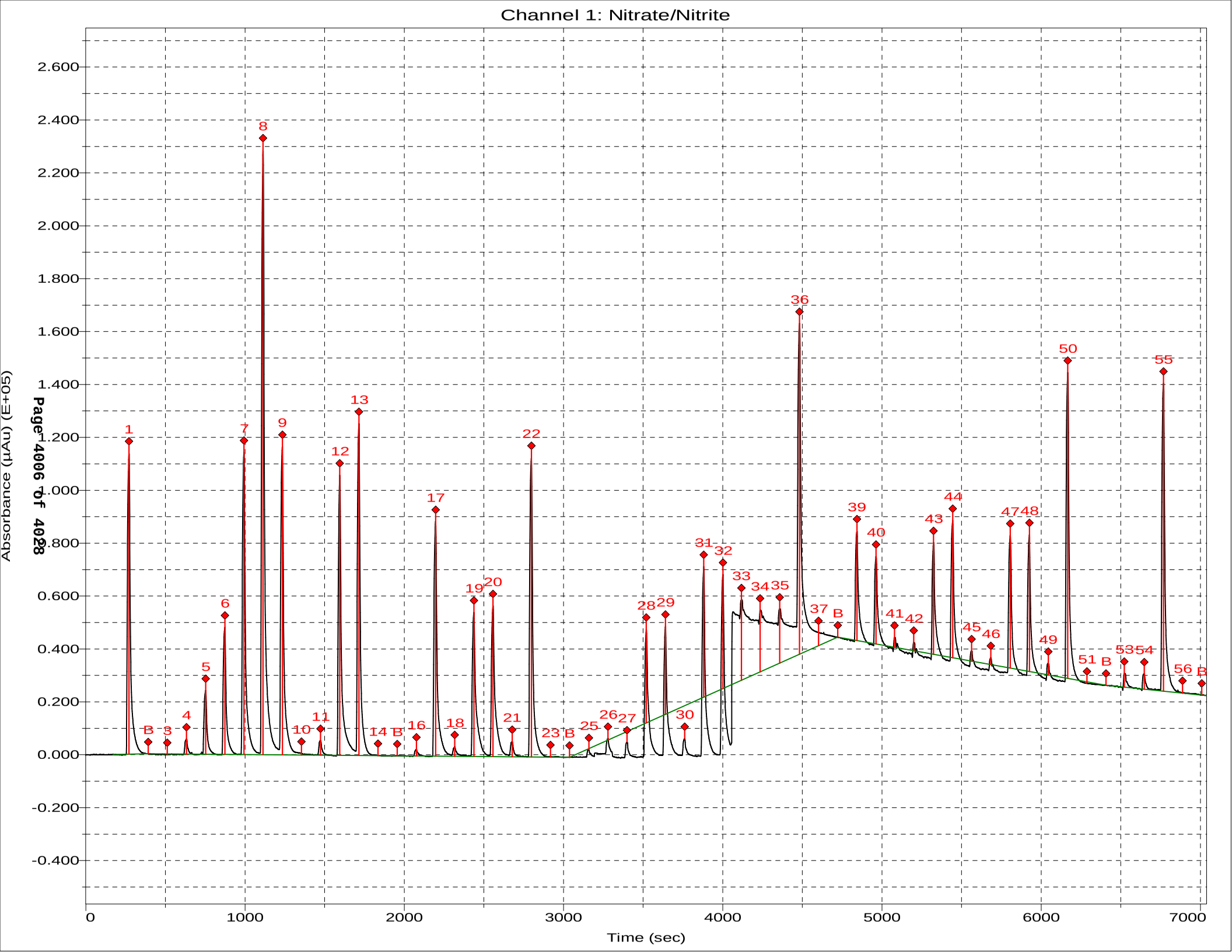
Calib Coef:
y=bx+a
a: (intercept) 7.1117e+02
b: 1.1406e+05

Corr Coef: 0.999934

Carryover: n/a

No Drift Peaks


Nitrate/Nitrite:Calibration 1: Peak 3-57
Height (E+05)
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
0.0
0.5
1.0
1.5
2.0
Conc


Channel 1: Nitrate/Nitrite
Absorbance (µAu) (E+05)
Time (sec)
Page 4006 of 4028
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
0
1000
2000
3000
4000
5000
6000
7000
1
B
3
4
5
6
7
8
9
10
11
12
13
14
B
16
17
18
19
20
21
22
23
B
25
26
27
28
29
30
31
32
33
34
35
36
37
B
39
40
41
42
43
44
45
46
47
48
49
50
51
B
53
54
55
56
B

Peak Table:Nitrate/Nitrite

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\120412A.RST
Date: 04-Dec-12
Operator: jb

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	105	Sync	1	SYNC	1	1	123668	0.990130	
B	0	Baseline	1	RB	1	1	0	0.012342	BL
3	0	Cal 0	1	C	1	1	37	0.012634	
4	102	Cal 1	1	C	1	1	5697	0.057386	
5	103	Cal 2	1	C	1	1	24057	0.202548	
6	104	Cal 3	1	C	1	1	46192	0.377563	
7	105	Cal 4	1	C	1	1	123859	0.991640	
8	106	Cal 5	1	C	1	1	252434	2.008228	HI
9	107	ICV	1	U	1	1	124497	0.996681	FL
10	0	BLANK/ICB	1	BLNK	1	1	72	0.012911	
11	102	MRL	1	U	1	1	5462	0.055530	
12	108	NO2 1PPM	1	U	1	1	132671	1.061315	
13	109	NO3 1PPM	1	U	1	1	125651	1.005810	
14	0	Blank	1	BLNK	1	1	188	0.013830	
B	0	Baseline	1	RB	1	1	0	0.012342	BL
16	113	MB 320-6800/1-B	1	U	1	1	1168	0.021578	
17	114	LCS 320-6800/2-B	1	U	1	1	92930	0.747096	
18	115	240-17422-O-2-B	1	U	1	1	1277	0.022438	
19	116	240-17422-A-2-Y MS	1	U	1	1	114366	0.916585	
20	117	240-17422-A-2-Z MSD	1	U	1	1	119697	0.958732	
21	102	MRL	1	U	1	1	5430	0.055271	
22	105	CCV	1	U	1	1	125224	1.002429	
23	0	Blank	1	BLNK	1	1	102	0.013150	
B	0	Baseline	1	RB	1	1	0	0.012342	BL
25	118	240-17422-F-3-H	1	U	1	1	789	0.018577	
26	119	240-17422-F-5-H	1	U	1	1	738	0.018177	
27	120	240-17422-O-6-K	1	U	1	1	849	0.019055	
28	121	240-17422-A-6-AA MS	1	U	1	1	95275	0.765642	
29	122	240-17422-A-6-AB MSD	1	U	1	1	94608	0.760367	
30	123	240-17467-P-2-K	1	U	1	1	871	0.019228	
31	128	240-17467-A-2-J MS	1	U	1	1	96799	0.777686	
32	129	240-17467-A-2-K MSD	1	U	1	1	102071	0.819372	
33	130	240-17467-F-4-E	1	U	1	1	920	0.019614	
34	131	240-17477-P-6-B	1	U	1	1	1155	0.021476	
35	102	MRL	1	U	1	1	5294	0.054202	
36	105	CCV	1	U	1	1	123290	0.987141	
37	0	BLANK	1	BLNK	1	1	-125	0.011352	
B	0	Baseline	1	RB	1	1	0	0.012342	BL
39	132	240-17477-A-6-AM MS	1	U	1	1	89599	0.720764	
40	133	240-17477-A-6-AN MSD	1	U	1	1	87620	0.705113	
41	134	240-17477-F-7-G	1	U	1	1	997	0.020227	
42	135	240-17525-P-1-B	1	U	1	1	888	0.019366	
43	136	240-17525-A-1-AO MS	1	U	1	1	77320	0.623675	
44	137	240-17525-A-1-AP MSD	1	U	1	1	86309	0.694749	
45	138	240-17525-F-2-G	1	U	1	1	789	0.018582	
46	139	240-17525-O-5-C	1	U	1	1	700	0.017878	
47	140	240-17525-A-5-AJ MS	1	U	1	1	88267	0.710226	
48	141	240-17525-A-5-AK MSD	1	U	1	1	86016	0.692430	
49	102	MRL	1	U	1	1	5700	0.057411	
50	105	CCV	1	U	1	1	124778	0.998910	
51	0	BLANK	1	BLNK	1	1	13	0.012442	
B	0	Baseline	1	RB	1	1	0	0.012342	BL
53	142	240-17525-F-6-G	1	U	1	1	918	0.019597	
54	102	MRL	1	U	1	1	5920	0.059151	
55	105	CCV	1	U	1	1	124316	0.995253	
56	0	BLANK	1	BLNK	1	1	64	0.012844	
B	0	Baseline	1	RB	1	1	0	0.012342	BL

Report Results by Sample
Result path: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\120412A.RST
Sample table path: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\120412a.tbl
Method path: Y:\no3_no2.mth
Date acquired: 04-Dec-12
Time acquired: 15:39

Facility Name:
Facility Location:
Department:

Operator Name: jb
Operator ID: jb

Platform: FS III/IV
Software Rev Code: 210
Data system ID: 57

Channel: 1
Analysis: Nitrate/Nitrite
CAS Number:
Methodology: NO2+NO3-353.2/N02-353.2/WS-WC-0050

	Temp	Warmup	Run time	Reps
rack 1	Off	1134:03:50	1:38:15	14
rack 2	Off	1134:03:50	1:38:15	14
rack 3	Off	1134:03:50	1:38:15	14

Notes

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	13:44:03	0.01	[C]
0	Cal 0	C	13:46:04	0.01	[C]
102	Cal 1	C	13:48:04	0.06	[C]
103	Cal 2	C	13:50:04	0.20	[C]
104	Cal 3	C	13:52:04	0.38	[C]
105	Cal 4	C	13:54:04	0.99	[C]
106	Cal 5	C	13:56:04	2.01	[C]
107	ICV	-	13:58:05	1.00	[-]
0	BLANK/ICB	C	14:00:05	0.01	[C]
102	MRL	-	14:02:05	0.06	[-]
108	NO2 1PPM	-	14:04:05	1.06	[-]
109	NO3 1PPM	-	14:06:05	1.01	[-]
0	Blank	C	14:08:05	0.01	[C]
0	Baseline	C	14:10:06	0.01	[C]
113	MB 320-6800/1-B	-	14:12:06	0.02	[-]
114	LCS 320-6800/2-B	-	14:14:06	0.75	[-]
115	240-17422-O-2-B	-	14:16:06	0.02	[-]
116	240-17422-A-2-Y MS	-	14:18:06	0.92	[-]
117	240-17422-A-2-Z MSD	-	14:20:07	0.96	[-]
102	MRL	-	14:22:07	0.06	[-]
105	CCV	-	14:24:07	1.00	[-]
0	Blank	C	14:26:07	0.01	[C]
0	Baseline	C	14:28:07	0.01	[C]
118	240-17422-F-3-H	-	14:30:07	0.02	[-]
119	240-17422-F-5-H	-	14:32:08	0.02	[-]
120	240-17422-O-6-K	-	14:34:08	0.02	[-]
121	240-17422-A-6-AA MS	-	14:36:08	0.77	[-]
122	240-17422-A-6-AB MSD	-	14:38:08	0.76	[-]
123	240-17467-P-2-K	-	14:40:08	0.02	[-]
128	240-17467-A-2-J MS	-	14:42:08	0.78	[-]
129	240-17467-A-2-K MSD	-	14:44:09	0.82	[-]
130	240-17467-F-4-E	-	14:46:09	0.02	[-]
131	240-17477-P-6-B	-	14:48:09	0.02	[-]
102	MRL	-	14:50:09	0.05	[-]
105	CCV	-	14:52:09	0.99	[-]
0	BLANK	C	14:54:10	0.01	[C]
0	Baseline	C	14:56:10	0.01	[C]
132	240-17477-A-6-AM MS	-	14:58:10	0.72	[-]
133	240-17477-A-6-AN MSD	-	15:00:10	0.71	[-]
134	240-17477-F-7-G	-	15:02:10	0.02	[-]
135	240-17525-P-1-B	-	15:04:10	0.02	[-]
136	240-17525-A-1-AO MS	-	15:06:11	0.62	[-]
137	240-17525-A-1-AP MSD	-	15:08:11	0.69	[-]
138	240-17525-F-2-G	-	15:10:11	0.02	[-]
139	240-17525-O-5-C	-	15:12:11	0.02	[-]
140	240-17525-A-5-AJ MS	-	15:14:11	0.71	[-]
141	240-17525-A-5-AK MSD	-	15:16:11	0.69	[-]
102	MRL	-	15:18:12	0.06	[-]
105	CCV	-	15:20:12	1.00	[-]
0	BLANK	C	15:22:12	0.01	[C]
0	Baseline	C	15:24:12	0.01	[C]
142	240-17525-F-6-G	-	15:26:12	0.02	[-]
102	MRL	-	15:28:12	0.06	[-]
105	CCV	-	15:30:13	1.00	[-]
0	BLANK	C	15:32:13	0.01	[C]
0	Baseline	C	15:34:13	0.01	[C]

Nitrate/Nitrite:Calibration 1: Peak 3-57

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\120412A.RST
Date: 04-Dec-12
Operator: jb

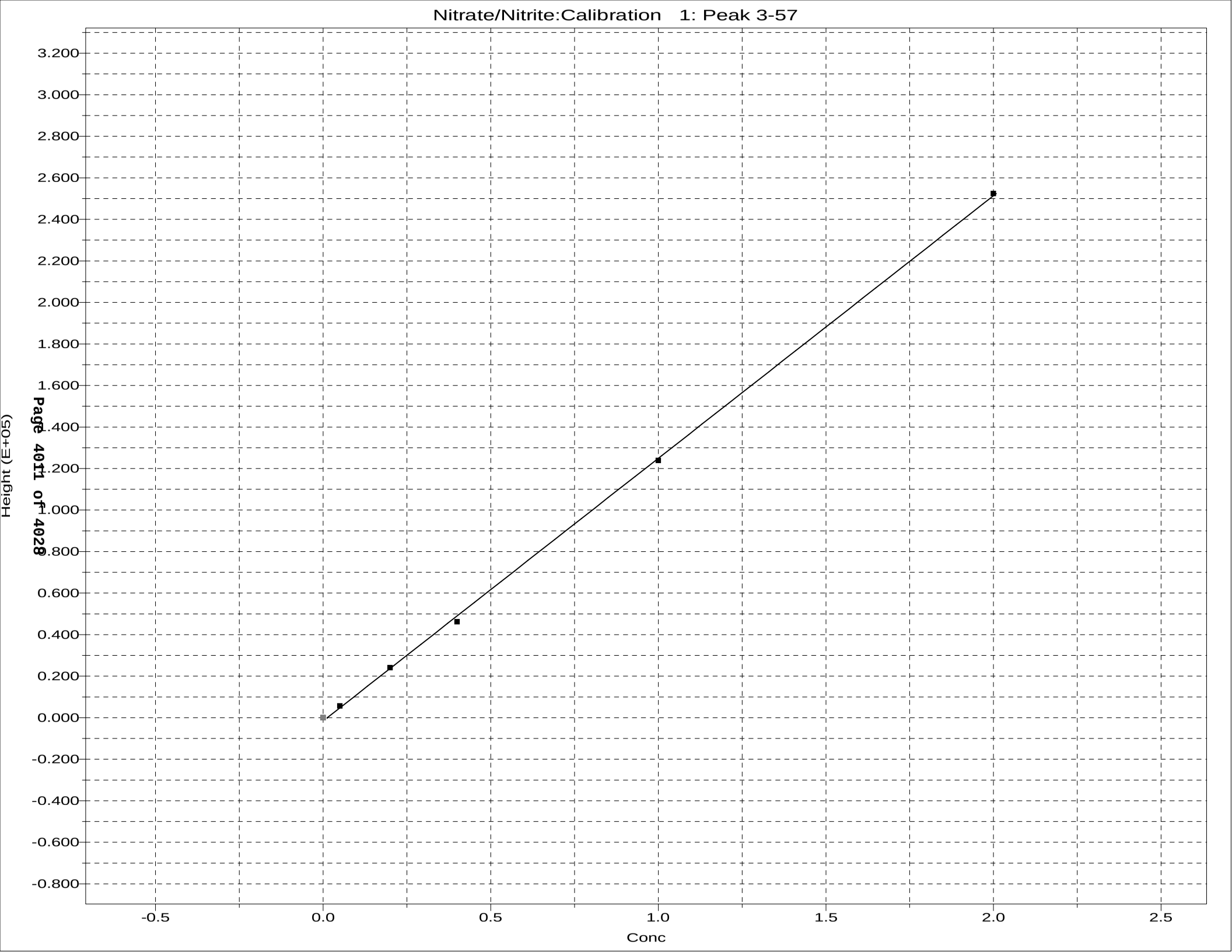
*	Name	Conc	Height
*	Cal 0	0.000000	37.029968
*	Cal 1	0.050000	5697.100586
*	Cal 2	0.200000	24056.808594
*	Cal 3	0.400000	46192.238281
*	Cal 4	1.000000	123858.960938
*	Cal 5	2.000000	252434.140625

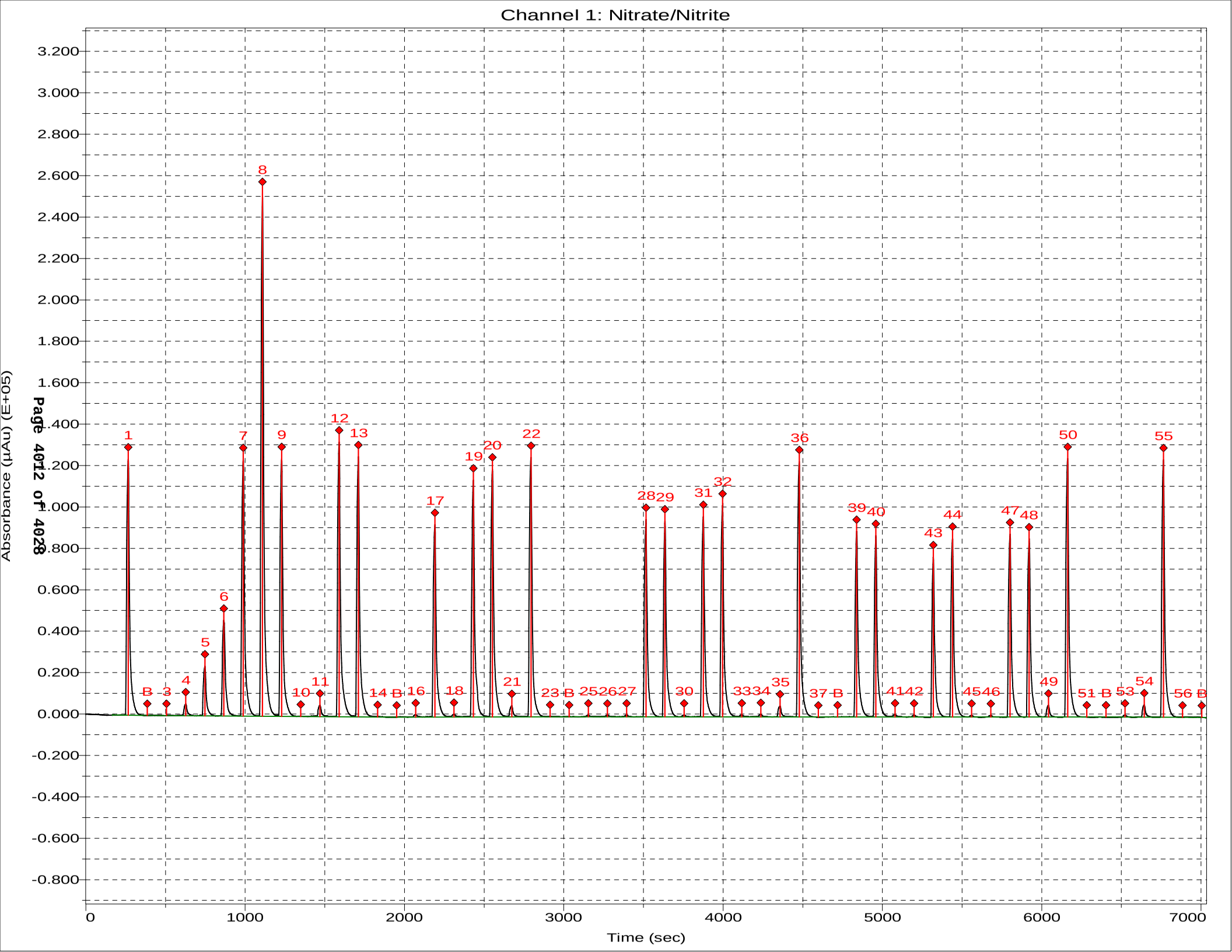
Calib Coef:
y=bx+a
a: (intercept) -1.5609e+03
b: 1.2648e+05

Corr Coef: 0.999856

Carryover: n/a

No Drift Peaks


Nitrate/Nitrite:Calibration 1: Peak 3-57
3.200
3.000
2.800
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
-0.600
-0.800
Height (E+05)
-0.5
0.0
0.5
1.0
1.5
2.0
2.5
Conc


Channel 1: Nitrate/Nitrite
Absorbance (µAu) (E+05)
Time (sec)
Page 4012 of 4028
3.200
3.000
2.800
2.600
2.400
2.200
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
-0.200
-0.400
-0.600
-0.800
0
1000
2000
3000
4000
5000
6000
7000
1 B 3 4 5 6 7 8 9 10 11 12 13 14 B 16 17 18 19 20 21 22 23 B 25 26 27 28 29 30 31 32 33 34 35 36 37 B 39 40 41 42 43 44 45 46 47 48 49 50 51 B 53 54 55 56 B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Level I and Level II Review Checklist
General Chemistry

Instrument ID F54		WS-WC-0050 NCell	
Batch 6836	File # 120412A	Date 12/4/12	Analyst

Lot Numbers 240-17422, 240-17467, 240-17477, 240-17525	YES	NO	NA
LEVEL 1 Review:			
1. Samples properly preserved/verified	✓		
2. Run setup meets Std criteria (Curve, ICV/ICB, CCV etc.)	✓		
3. Calibration criteria met (R=0.995, R^2=0.990)	✓		
4. Interception criteria for quadratic fits + or – ½ the RL			✓
5. Second source std in control	✓		
6. Batch QC in control (LCS,MB,MS/MSD,DCS if necessary)	✓		
7. Calculations checked	✓		
8. QAS/QAPP consulted for client specific requirements	✓		
9. Standard traking #'s recorded on runlog/benchsheet	✓		
10. Manual integration performed, documented & approved			✓
11. Copy of run log included with data package	✓		
12. Copy of conductivity screen logbook (314.0 only)			✓
LEVEL 1 Data Review:			
1. Benchsheet complete	✓		
2. QAS/QAPP Consulted for client specific data entry	✓		
3. Copy of prep sheet/checklist submitted	✓		
4. NCM(s) submitted	①✓		

COMMENTS: See NCM for reanalysis @ 1.0x JR 12/6/12

REVIEWED BY: LW
DATE: 12/6/12

DATA ENTERED BY:
DATE: JR 12/6/12

GENERAL CHEMISTRY BATCH WORKSHEET

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

SDG No.:

Batch Number: 65100 Batch Start Date: 11/15/12 08:05 Batch Analyst: Grossman, Lucas

Batch Method: Moisture Batch End Date: 11/16/12 11:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-17422-D-1	076SS-0019M-0001-SO	Moisture	T	4.3840 g	9.8757 g	8.8758 g			
240-17422-J-2 DU	076SS-0020M-0001-SO	Moisture	T	4.3840 g	9.5170 g	8.2125 g			
240-17422-J-2	076SS-0020M-0001-SO	Moisture	T	4.3840 g	9.6121 g	8.3872 g			
240-17422-D-3	076SS-0021M-0001-SO	Moisture	T	4.3840 g	8.5817 g	7.6100 g			
240-17422-D-5	073SS-0002M-0001-SO	Moisture	T	4.3840 g	9.1018 g	7.8189 g			
240-17422-J-6 DU	073SS-0003M-0001-SO	Moisture	T	4.3840 g	9.1327 g	7.9385 g			
240-17422-K-6	073SS-0003M-0001-SO	Moisture	T	4.3840 g	9.0443 g	8.1631 g			

Batch Notes	
Balance ID	Bo47 No Unit
Date samples were placed in the oven	11/15/12
Oven Temp when samples are put in oven	103.3 Degrees C
Time samples were place in the oven	9:30
Date samples were removed from oven	11/16/12
Oven Temp when samples removed from oven	103.9 Degrees C
Time Samples were removed from oven	5:30
Oven ID	002
ID number of the thermometer	Tempguard Box C #6

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

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

SDG No.:

Batch Number: 65747 Batch Start Date: 11/20/12 10:47 Batch Analyst: Harshman, Tom

Batch Method: Moisture Batch End Date: 11/21/12 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-17422-A-9 DU	068SD-0009-0001-SO	Moisture	T	4.3840 g	14.4593 g	14.2248 g			
240-17422-B-9	068SD-0009-0001-SO	Moisture	T	4.3840 g	15.4130 g	15.1545 g			
240-17422-A-4	073SS-0001M-0001-SO	Moisture	T	4.3840 g	19.2972 g	19.0600 g			
240-17422-A-8	073SS-0005M-0001-SO	Moisture	T	4.3840 g	10.2907 g	10.1207 g			
240-17422-A-10	068SD-00010-0001-SO	Moisture	T	4.3840 g	15.0135 g	14.7799 g			
240-17422-A-11	068SD-00011-0001-SO	Moisture	T	4.3840 g	11.9936 g	11.8239 g			
240-17422-A-12	068SD-00012-0001-SO	Moisture	T	4.3840 g	14.3326 g	14.1475 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	11/20/12
Oven Temp when samples are put in oven	103.3 Degrees C
Time samples were place in the oven	14:30
Date samples were removed from oven	11/21/12
Oven Temp when samples removed from oven	103.4 Degrees C
Time Samples were removed from oven	6:00
Oven ID	002
ID number of the thermometer	Temoguard Box C #6

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

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

SDG No.:

Batch Number: 6800 Batch Start Date: 12/03/12 12:49 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 12/03/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00007			
MB 320-6800/1		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL				
LCS 320-6800/2		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL	1 mL			
240-17422-O-2	076SS-0020M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.00 g	45 mL				
240-17422-A-2 MS	076SS-0020M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.06 g	45 mL	1 mL			
240-17422-A-2 MSD	076SS-0020M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.14 g	45 mL	1 mL			
240-17422-F-3	076SS-0021M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.10 g	45 mL				
240-17422-F-5	073SS-0002M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.06 g	45 mL				
240-17422-O-6	073SS-0003M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.05 g	45 mL				
240-17422-A-6 MS	073SS-0003M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.00 g	45 mL	1 mL			
240-17422-A-6 MSD	073SS-0003M-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	1.10 g	45 mL	1 mL			

GENERAL CHEMISTRY BATCH WORKSHEET

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

SDG No.:

Batch Number: 6800 Batch Start Date: 12/03/12 12:49 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 12/03/12 13:00

Batch Notes	
1:1 MeOH/H2O	HPHeOH/H2O_00002
Acetone Lot #	ACETONE_00004
Centrifuge Tube	2195825

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

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

SDG No.:

Batch Number: 6824 Batch Start Date: 12/04/12 05:30 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 12/04/12 08:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 320-6800/1-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
LCS 320-6800/2-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
240-17422-O-2-A	076SS-0020M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-A-2-W MS	076SS-0020M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-A-2-X MSD	076SS-0020M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-F-3-G	076SS-0021M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-F-5-G	073SS-0002M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-O-6-J	073SS-0003M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-A-6-Y MS	073SS-0003M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17422-A-6-Z MSD	073SS-0003M-0001-SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				

Batch Notes	
0.45 Filter Vendor/Lot	MILLIPORE R2DA02309
Centrifuge Tube	2195825
Sulfuric Acid Lot Number	SULFURIC ACID_00001
Millipore Water Dispense Date	11/26/12
NaOH Lot #	SODIUM HYDROX_00001

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

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

SDG No.:

Batch Number: 6863 Batch Start Date: 12/04/12 13:44 Batch Analyst: Baynes, Jason

Batch Method: WS-WC-0050 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	WC-353.2-ICV 00010	WC-353.2-L1 00011	WC-353.2-L4 00008			
ICV 320-6863/8		WS-WC-0050		# mL					
MRL 320-6863/20		WS-WC-0050			# mL				
CCV 320-6863/21		WS-WC-0050				# mL			
CCV 320-6863/35		WS-WC-0050				# mL			

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-WC-14-2 e. 2/2/13
NO2/NO3 Indicator ID #	4525-WC-16-1 e. 12/3/13

Basis	Basis Description

Subcontract Data

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: ECC	Client Project Manager: AL EASTMAN	Site Contact: JEFF DONOVAN	Lab Contact: MARK LOEB	COC No: 048639
Address: 33 BOSTON POST RD W #420	Telephone: 508-229-2270 Ext 109	Telephone: 508 509 1784	Telephone:	1 of 2 COCs
City/State/Zip: MARLBORO MA 01752	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 508 229 2270		TAT if different from below STANDARD		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: RAVENNA	Method of Shipment/Carrier: LAB COURIER	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Job/ Loc: 240 17422
Project Number:	Shipping/Tracking No:			

PO#			Matrix					Containers & Preservatives							Filtered Sample (Y / N)	Composite = C / Grab = G								
Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	~~Unpres~~ MEOH	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other: DI			VOC	SVOC	TAL METALS	PCB's	PESTICIDES	EXPLOSIVES	PROPELLANTS	TPH-GRO/DRO		
07655-0019M-0001-SO	11-7-12	1525				X		X					X	X			X	X	X							
07655-0020M-0001-SO		1550				X		X					X	X			X	X	X	X	X	X	X			
07655-0020M-0002-SO MS/MSD		1550				X		X					X	X			X	X	X	X	X	X	X			MS/MSD
07655-0021M-0001-SO	↓	1550				X		X					X	X			X	X	X	X	X	X	X			
07355-0001M-0001-SO	11-8-12	0915				X							X					X	X							
07355-0002M-0001-SO		1100				X		X					X	X			X	X	X	X	X	X	X	X		NO TPH GRO/DRO
07355-0003M-0001-SO		1100				X		X					X	X			X	X	X	X	X	X	X			
07355-0002M-0002-SO MS/MSD		1100				X		X					X	X			X	X	X	X	X	X	X			MS/MSD
07355-0004M-0001-SO		1120				X							X					X	X							
07355-0005M-0001-SO	↓	1030				X							X					X	X							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	ECC	11-8-12 1635	RICK [illegible]	TAL-NC	11-8-12 1635
[illegible]	TAL-NC	11-8-12 1735			
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[illegible]	TAL	11/8/12 1735

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: ECC	Client Project Manager: AL EASTMAN	Site Contact: JEFF DONOVAN	Lab Contact: MARK LOEB	COC No: 048640
Address: 33 BOSTON POST RD W #420	Telephone:	Telephone: 508 509 1784	Telephone:	1 of 2 COCs
City/State/Zip: MARLBORO MA	Email:	Analysis Turnaround Time (In BUS days)	Analyses	For lab use only
Phone: 508-229 2220		TAT if different from below: STANDARD ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name:	Method of Shipment/Carrier: LAB COURIER			Job/SDG No:
Project Number:	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other: DI	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	SVOC	TAL METALS	PCB	EXPLOSIVES	PROPELLENTS	VOC					Sample Specific Notes / Special Instructions:
06850-0009-0001-SO	11-8-12	1235			X								X				X	X	X								
06850-0009-0002-SO		1235			X								X				X	X	X								MS/MSD
06850-0010-0001-SO		1235			X								X				X	X	X								
06850-0011-0001-SO		1242			X								X				X	X	X								
06850-0012-0001-SO		1235			X								X				X	X	X								
0765W-0013-0001-SW		1430		X					X				X				X	X	X	X	X						
0765W-0013-0002-SW		1430		X					X				X				X	X	X	X	X						MS/MSD
0765W-0014-0001-SW		1430		X					X				X				X	X	X	X	X						
0765W-0015-0001-SW		1500		X					X				X				X	X	X	X	X						
07355-0006-0001-TB	↓	0900					X			X												X					TRIP BLK

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	ECC	11-8-12 1638	RICK ROBERSON	TAL-MC	11-8-12 1635
RC ROBERSON	TAL-MC	11-8-12 1735	[signature]	DA	11-8-12 1735
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TAL	11/8/12 1735

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TestAmerica Canton Sample Receipt Form/Narrative **Login # : 17422**

Client ECC Site Name _____ By: _____

Cooler Received on 11-8-12 Opened on 11-8-12 (Signature)

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off (TestAmerica Courier) Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam (Plastic Bag) None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF –2 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 4G	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 5G	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 8	(CF 0 °C) Observed Sample Temp._____°C	Corrected Sample Temp._____°C	

☐ Multiple on Back

2. Were custody seals on the outside of the cooler(s)?	If Yes Quantity_____	Yes No
-Were custody seals on the outside of the cooler(s) signed & dated?		Yes No NA
-Were custody seals on the bottle(s)?		Yes (No)
3. Shippers' packing slip attached to the cooler(s)?		Yes (No)
4. Did custody papers accompany the sample(s)?		(Yes) No
5. Were the custody papers relinquished & signed in the appropriate place?		(Yes) No
6. Did all bottles arrive in good condition (Unbroken)?		(Yes) No
7. Could all bottle labels be reconciled with the COC?		(Yes) No
8. Were correct bottle(s) used for the test(s) indicated?		(Yes) No
9. Sufficient quantity received to perform indicated analyses?		(Yes) No
10. Were sample(s) at the correct pH upon receipt?		(Yes) No NA
11. Were VOAs on the COC?		Yes (No)
12. Were air bubbles >6 mm in any VOA vials?		Yes No (NA)
13. Was a trip blank present in the cooler(s)?		(Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.

Sample(s)_____ were received in a broken container.

Sample(s)_____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 041911-H2SO4; Sodium Hydroxide Lot# 121809 - NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preserved added to sample(s)? _____

Client ID	pH	Date	Initials
0013	<2	11-8-12	TLS
0013MS/MSD	<2 <2	"	"
0014	<2	"	"
0015	<2	"	"

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
TA10B	5.1	5.1	8	ICE
9206	4.4	4.4	"	"
A456	1.3	1.3	"	"
A572	3.8	3.8	"	"

Loeb, Mark

From: Al Easterday [AEasterday@ecc.net]
Sent: Wednesday, December 19, 2012 5:05 PM
To: Loeb, Mark
Cc: Frederick Roche; Jeff Donovan; Jackson Kiker
Subject: Ravenna - 1 Sample Analysis to cancel

Mark -

Good afternoon.

We have 1 sample analysis to cancel if it has not already been analyzed for the Ravenna project.

The sample to cancel laboratory analysis has the following information:
COC No 048639
Date/Time Collected - 8 Nov 2012/1120 hrs
Sample ID 073SS-0004M-0001-SO
lab analysis - SVOCs and TAL Metals

Please confirm receipt of this email, and if Test America has or has not completed the analysis on this sample.

Thank you.

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-17422-1

Login Number: 17422

List Source: TestAmerica West Sacramento

List Number: 1

List Creation: 11/15/12 11:15 AM

Creator: Nelson, Kym D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-17422-1

Login Number: 17422
List Number: 2
Creator: Sadler, Jeremy

List Source: TestAmerica West Sacramento
List Creation: 11/21/12 07:22 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	