FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69372/22-A

Matrix: Water | Lab File ID: P1000029.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: 8151A | Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) | Date Analyzed: 12/25/2012 01:53

Con. Extract Vol.: 100(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.: 70037 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	36.7		4.0	0.50	0.41
75-99-0	Dalapon	13.7		2.0	0.20	0.17
94-82-6	2,4-DB	35.1		4.0	1.0	0.69
1918-00-9	Dicamba	17.6		2.0	1.0	0.52
120-36-5	Dichlorprop	43.9		4.0	1.0	0.86
88-85-7	Dinoseb	4.33		0.60	0.20	0.087
94-74-6	MCPA	3570		400	400	390
93-65-2	MCPP	3860		400	400	400
87-86-5	Pentachlorophenol	6.57		0.10	0.040	0.024
93-72-1	Silvex (2,4,5-TP)	8.89		1.0	0.20	0.20
93-76-5	2,4,5-T	8.89		1.0	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	87		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000029.D
Lims ID: LCS 240-69372/22-A Client ID:
Inject. Date: 25-Dec-2012 01:53:47 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016161-029
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 70037 Lims Sample ID: 29
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 12:33:27 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.244	1.241	0.003	31229677	0.0683	
2	1.372	1.372	0.000	12197494	0.0840	
					RPD = 20.60	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.973	6.971	0.002	25827659	0.1733	
2	7.606	7.607	-0.001	11578775	0.1865	
					RPD = 7.37	
6 Dicamba						
1	7.139	7.136	0.003	54243268	0.0878	
2	7.772	7.774	-0.002	23824801	0.0932	
					RPD = 5.95	
10 MCPP						
1	7.424	7.421	0.003	10840888	19.3	
2	7.958	7.959	-0.001	4373789	18.3	
					RPD = 5.13	
9 MCPA						
1	7.587	7.585	0.002	12950858	17.9	
2	8.210	8.210	0.000	5625167	18.6	
					RPD = 4.20	
7 Dichlorprop						
1	7.957	7.955	0.002	30370216	0.2194	
2	8.568	8.570	-0.002	12649922	0.2400	
					RPD = 8.96	
2 2,4-D						
1	8.194	8.194	0.000	27659681	0.1837	
2	8.923	8.925	-0.002	11819052	0.1906	
					RPD = 3.67	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.284	8.283	0.001	55739483	0.0329	
2	9.217	9.218	-0.001	21924248	0.0301	
					RPD = 8.74	
12 Silvex (2,4,5-TP)						
1	9.071	9.069	0.002	33941848	0.0445	
2	9.858	9.860	-0.002	13423604	0.0473	
					RPD = 6.16	
1 2,4,5-T						
1	9.385	9.385	0.000	27272444	0.0444	
2	10.337	10.337	0.000	10994509	0.0453	
					RPD = 1.97	
3 2,4-DB						
1	10.014	10.013	0.001	11216439	0.1757	
2	10.983	10.987	-0.004	4602246	0.1733	
					RPD = 1.39	
8 Dinoseb						
1	11.224	11.220	0.004	10953069	0.0217	
2	11.361	11.364	-0.003	4336399	0.0224	
					RPD = 3.51	

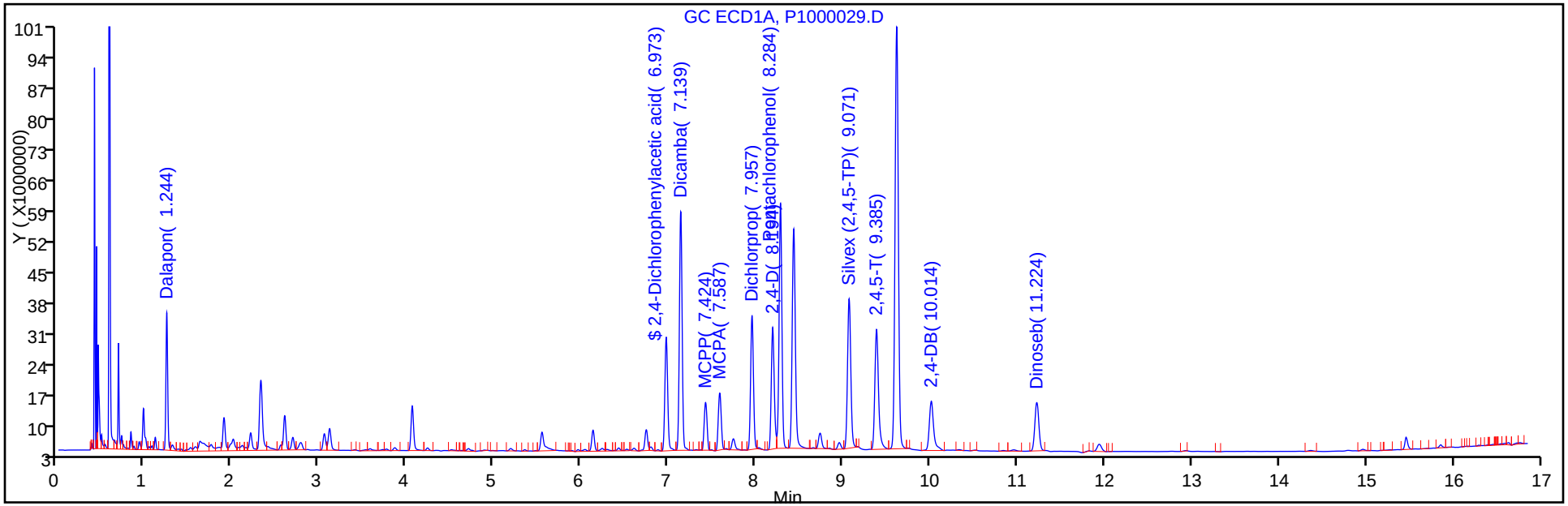
Report Date: 26-Dec-2012 12:33:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

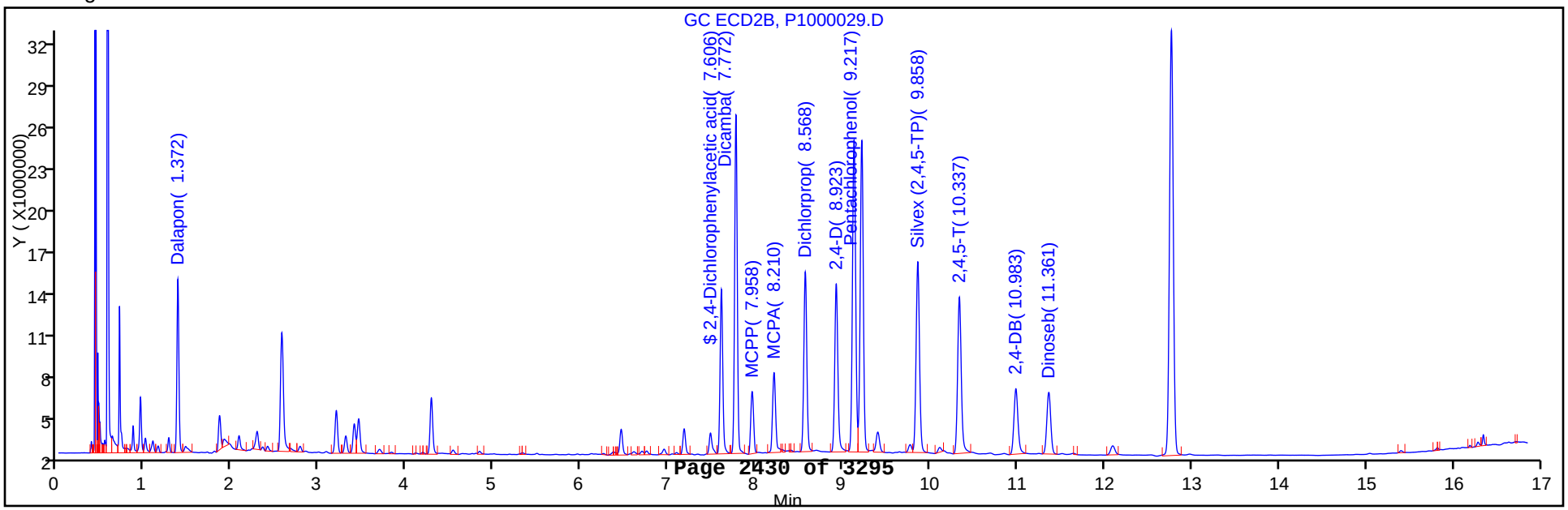
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000029.D

Injection Date:	25-Dec-2012 01:53:47	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	29
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69372/22-A

Matrix: Water | Lab File ID: P1000029.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: 8151A | Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) | Date Analyzed: 12/25/2012 01:53

Con. Extract Vol.: 100(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.: 70037 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	93		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000029.D
Lims ID: LCS 240-69372/22-A Client ID:
Inject. Date: 25-Dec-2012 01:53:47 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016161-029
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 70037 Lims Sample ID: 29
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 12:33:27 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.244	1.241	0.003	31229677	0.0683	
2	1.372	1.372	0.000	12197494	0.0840	
					RPD = 20.60	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.973	6.971	0.002	25827659	0.1733	
2	7.606	7.607	-0.001	11578775	0.1865	
					RPD = 7.37	
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2	7.772	7.774	-0.002	23824801	0.0932	
					RPD = 5.95	
10 MCPP						
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2	7.958	7.959	-0.001	4373789	18.3	
					RPD = 5.13	
9 MCPA						
1	7.587	7.585	0.002	12950858	17.9	
2	8.210	8.210	0.000	5625167	18.6	
					RPD = 4.20	
7 Dichlorprop						
1	7.957	7.955	0.002	30370216	0.2194	
2	8.568	8.570	-0.002	12649922	0.2400	
					RPD = 8.96	
2 2,4-D						
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2	8.923	8.925	-0.002	11819052	0.1906	
					RPD = 3.67	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.284	8.283	0.001	55739483	0.0329	
2	9.217	9.218	-0.001	21924248	0.0301	
					RPD = 8.74	
12 Silvex (2,4,5-TP)						
1	9.071	9.069	0.002	33941848	0.0445	
2	9.858	9.860	-0.002	13423604	0.0473	
					RPD = 6.16	
1 2,4,5-T						
1	9.385	9.385	0.000	27272444	0.0444	
2	10.337	10.337	0.000	10994509	0.0453	
					RPD = 1.97	
3 2,4-DB						
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2	10.983	10.987	-0.004	4602246	0.1733	
					RPD = 1.39	
8 Dinoseb						
1	11.224	11.220	0.004	10953069	0.0217	
2	11.361	11.364	-0.003	4336399	0.0224	
					RPD = 3.51	

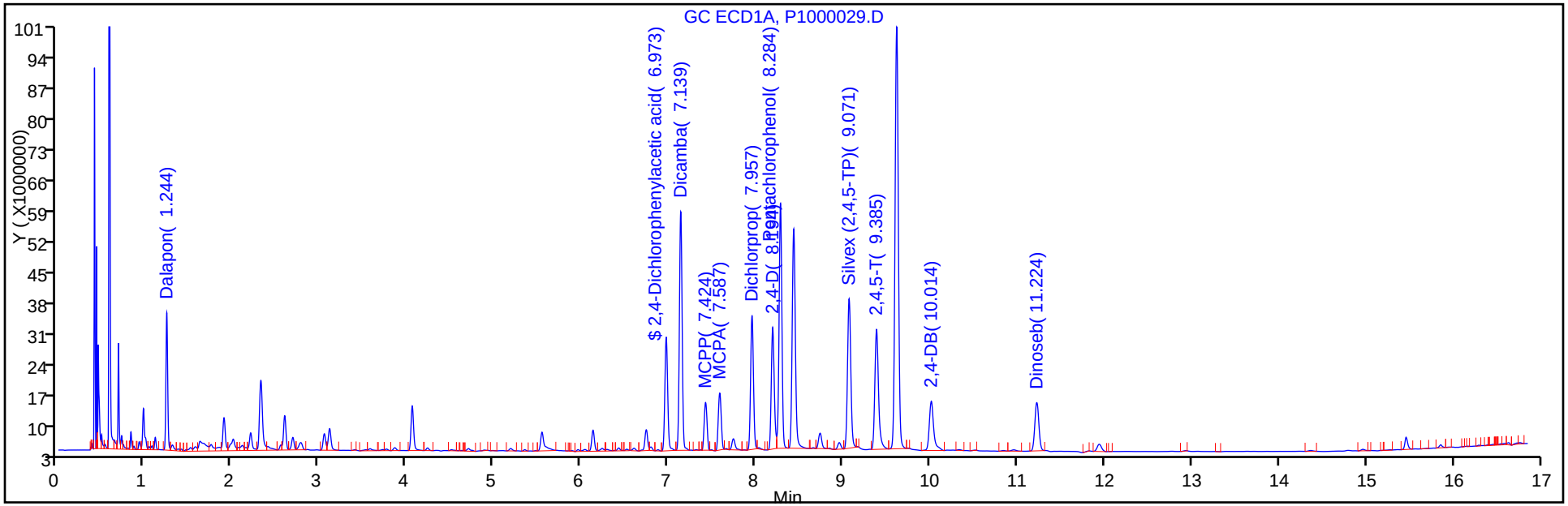
Report Date: 26-Dec-2012 12:33:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

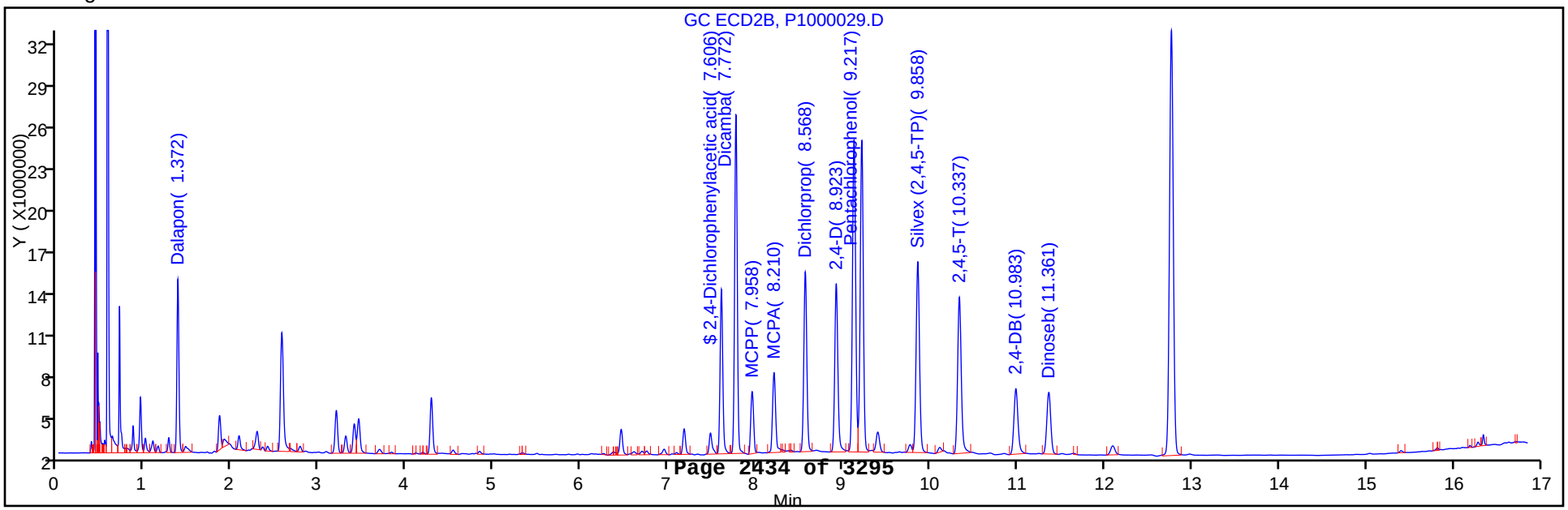
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000029.D

Injection Date:	25-Dec-2012 01:53:47	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	29
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-70010/5-A

Matrix: Solid | Lab File ID: P1000033.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 01:51

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.: 70766 | Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	78		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000033.D		
Lims ID:	LCS 240-70010/5-A	Client ID:	
Inject. Date:	01-Jan-2013 01:51:16	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0016320-033		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	70766	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 4 2,4-Dichlorophenylacetic acid						
1	6.964	6.961	0.003	23380957	0.1568	
2	7.617	7.613	0.004	9068351	0.1461	
					RPD = 7.11	
2 2,4-D						
1	8.184	8.185	-0.001	25752341	0.1711	
2	8.933	8.933	0.000	9575386	0.1544	
					RPD = 10.22	
12 Silvex (2,4,5-TP)						
1	9.056	9.060	-0.004	31840729	0.0417	
2	9.869	9.869	0.000	13174771	0.0464	
					RPD = 10.67	

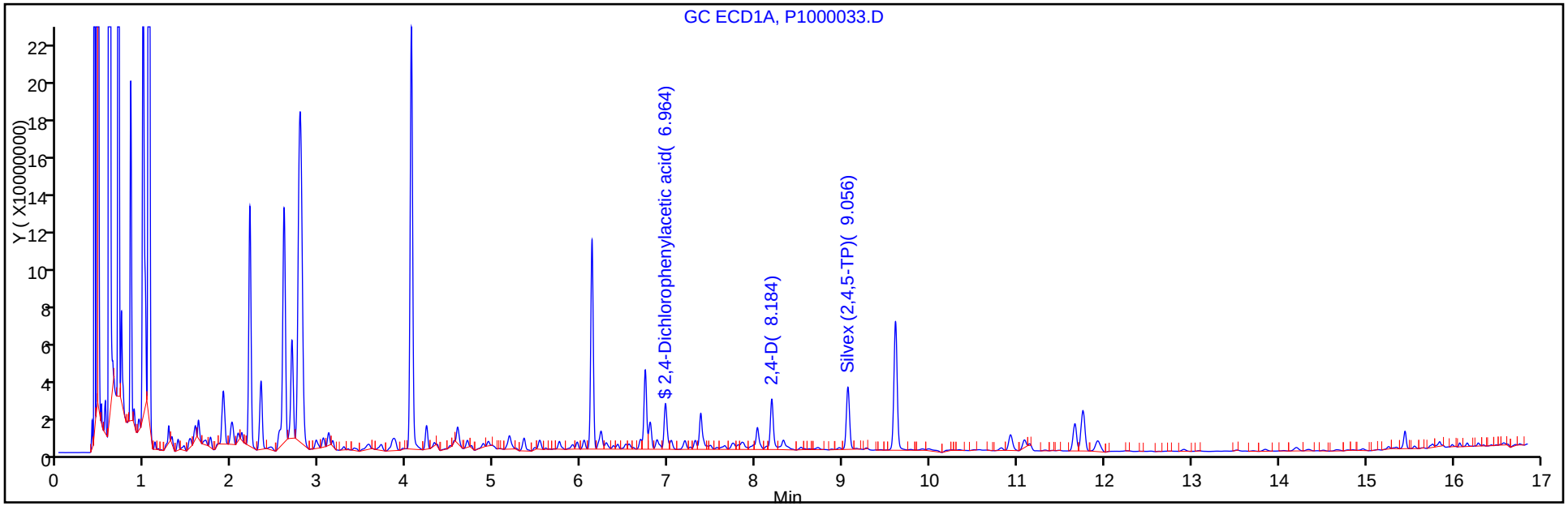
Report Date: 07-Jan-2013 13:47:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

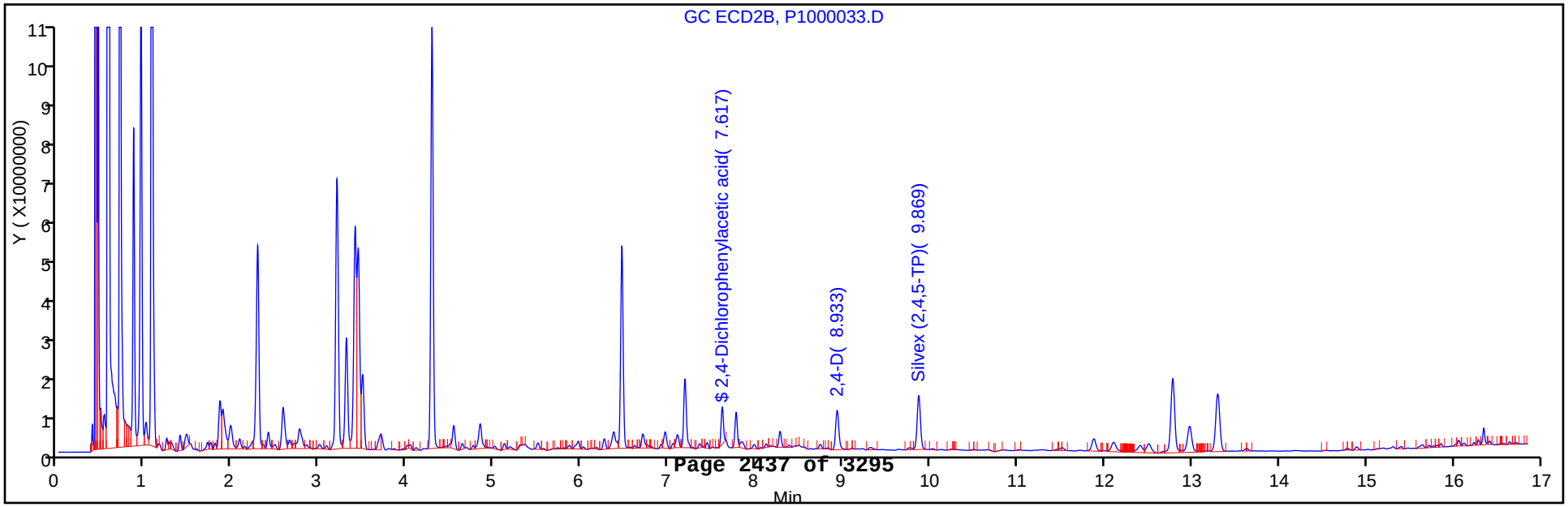
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000033.D

Injection Date:	01-Jan-2013 01:51:16	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	33
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-70010/5-A

Matrix: Solid | Lab File ID: P1000033.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 01:51

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.: 70766 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.0154	J	0.25	0.00025	0.00021
93-72-1	Silvex (2,4,5-TP)	0.00464	J	0.050	0.00010	0.00010

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	73		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000033.D		
Lims ID:	LCS 240-70010/5-A	Client ID:	
Inject. Date:	01-Jan-2013 01:51:16	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0016320-033		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	70766	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 4 2,4-Dichlorophenylacetic acid						
1	6.964	6.961	0.003	23380957	0.1568	
2	7.617	7.613	0.004	9068351	0.1461	
					RPD = 7.11	
2 2,4-D						
1	8.184	8.185	-0.001	25752341	0.1711	
2	8.933	8.933	0.000	9575386	0.1544	
					RPD = 10.22	
12 Silvex (2,4,5-TP)						
1	9.056	9.060	-0.004	31840729	0.0417	
2	9.869	9.869	0.000	13174771	0.0464	
					RPD = 10.67	

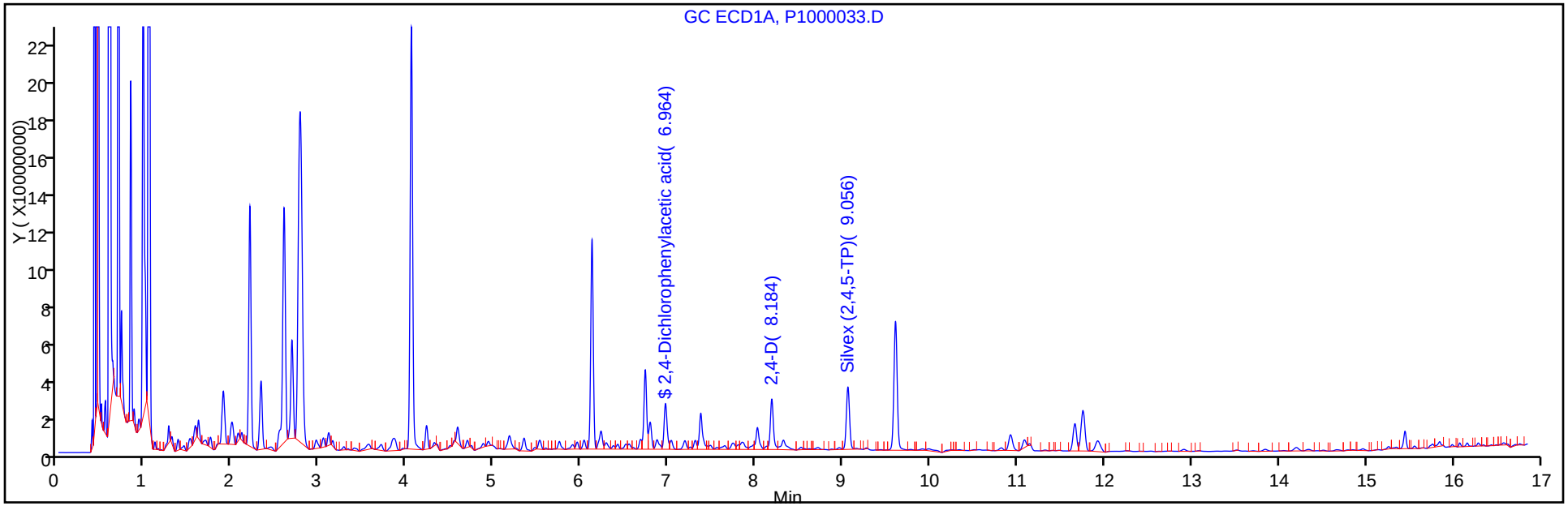
Report Date: 07-Jan-2013 13:47:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

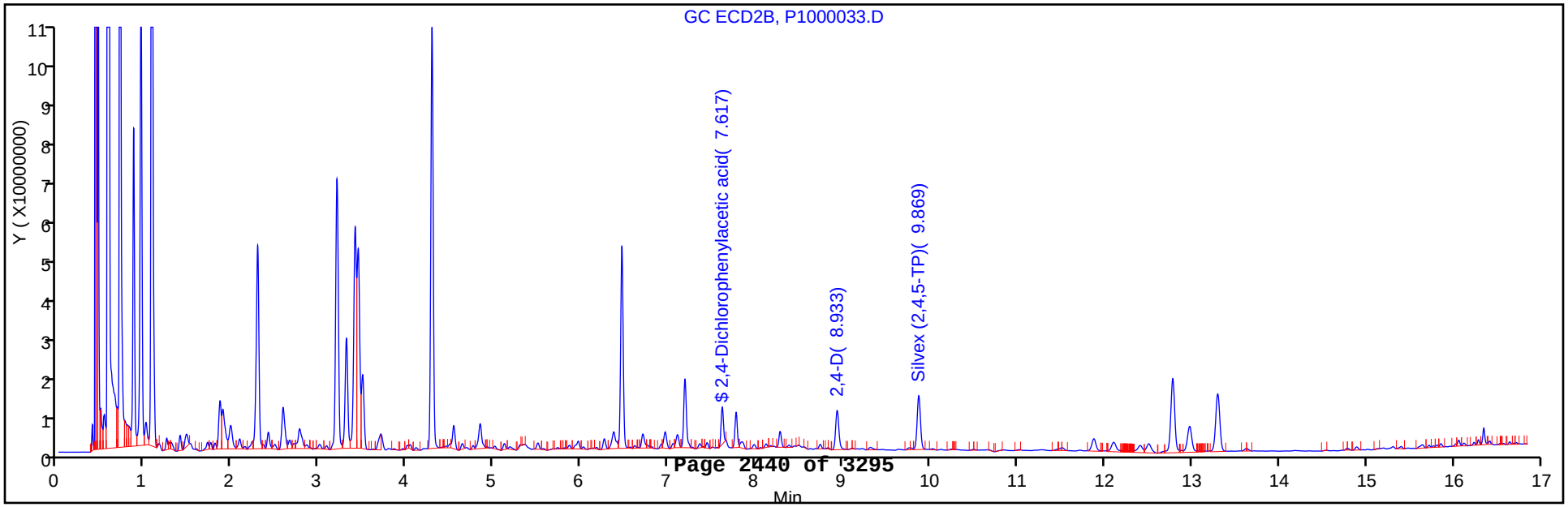
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000033.D

Injection Date:	01-Jan-2013 01:51:16	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	33
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70037/7

Matrix: Water | Lab File ID: P1000007.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 17:16

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.: 70037 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.0211		0.0040	0.00050	0.00041
75-99-0	Dalapon	0.0115		0.0020	0.00020	0.00017
94-82-6	2,4-DB	0.0190		0.0040	0.0010	0.00069
1918-00-9	Dicamba	0.0120		0.0020	0.0010	0.00052
120-36-5	Dichlorprop	0.0254		0.0040	0.0010	0.00086
88-85-7	Dinoseb	0.00328		0.00060	0.00020	0.000087
94-74-6	MCPA	1.08	^	0.40	0.40	0.39
93-65-2	MCPP	1.13	^	0.40	0.40	0.40
87-86-5	Pentachlorophenol	0.000040	U	0.00010	0.000040	0.000024
93-72-1	Silvex (2,4,5-TP)	0.00530		0.0010	0.00020	0.00020
93-76-5	2,4,5-T	0.00469		0.0010	0.00050	0.00030

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	121	Q	32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000007.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	24-Dec-2012 17:16:28	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0016161-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	70037	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 13:46:40	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: bolgrind Date: 26-Dec-2012 12:30:10

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.238	1.238	0.000	5265790	0.0115	
2	1.371	1.371	0.000	1737020	0.0120	
					RPD = 3.78	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.968	6.967	0.001	3609747	0.0242	
2	7.609	7.608	0.001	1509686	0.0243	
					RPD = 0.43	
6 Dicamba						
1	7.134	7.133	0.001	7445051	0.0120	
2	7.774	7.774	0.000	2956402	0.0116	
					RPD = 4.13	
10 MCPP						
1	7.419	7.418	0.001	1826831	1.13	
2	7.962	7.960	0.002	677664	1.04	
					RPD = 7.51	
9 MCPA						
1	7.581	7.580	0.001	2686144	1.08	
2	8.212	8.210	0.002	1047458	1.06	
					RPD = 2.21	
7 Dichlorprop						
1	7.952	7.950	0.002	3518472	0.0254	
2	8.570	8.570	0.000	1258267	0.0239	
					RPD = 6.28	
2 2,4-D						
1	8.194	8.190	0.004	3180606	0.0211	
2	8.930	8.926	0.004	1313931	0.0212	
					RPD = 0.30	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						
1	9.068	9.064	0.004	4049193	0.005304	
2	9.864	9.860	0.004	1522653	0.005363	
					RPD = 1.11	
1 2,4,5-T						
1	9.386	9.380	0.006	2880779	0.004693	
2	10.342	10.338	0.004	1251961	0.005160	
					RPD = 9.48	
3 2,4-DB						
1	10.016	10.010	0.006	1213324	0.0190	
2	10.991	10.988	0.003	87908	0.003309	
					RPD = 140.68	
8 Dinoseb						M
1	11.218	11.216	0.002	1660942	0.003283	
2	11.365	11.365	0.000	626968	0.003242	M
					RPD = 1.26	

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

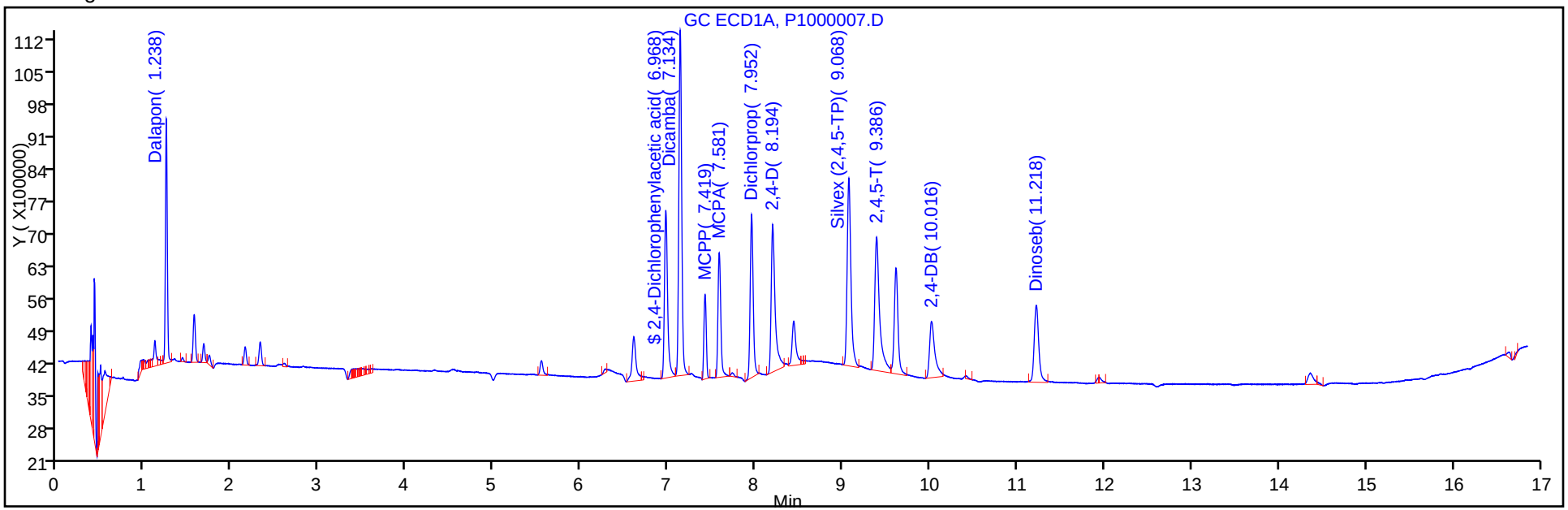
Report Date: 26-Dec-2012 13:46:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

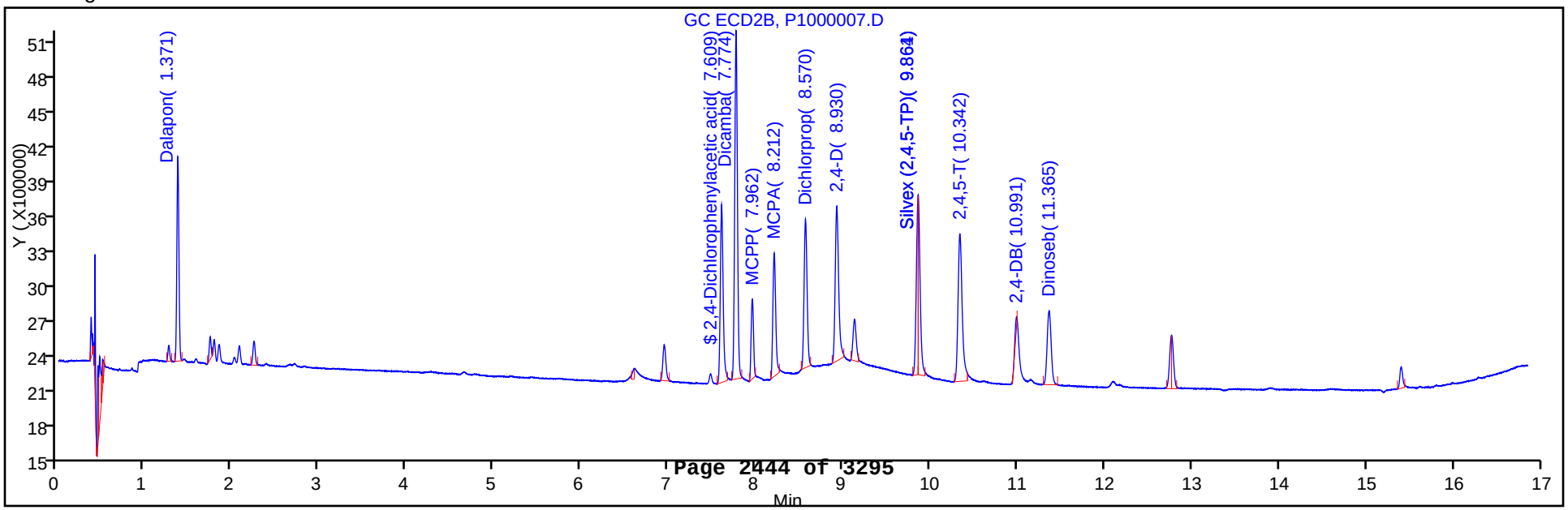
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000007.D

Injection Date:	24-Dec-2012 17:16:28	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

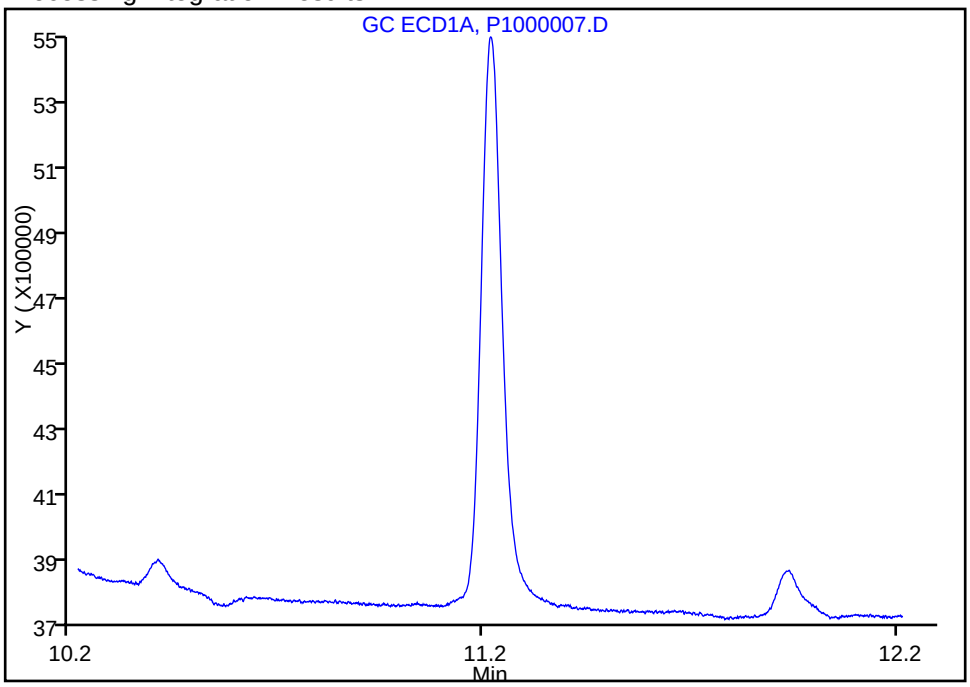
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000007.D		
Injection Date:	24-Dec-2012 17:16:28	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 1, Type: quant, RT: 11.22, Det: GC ECD1A

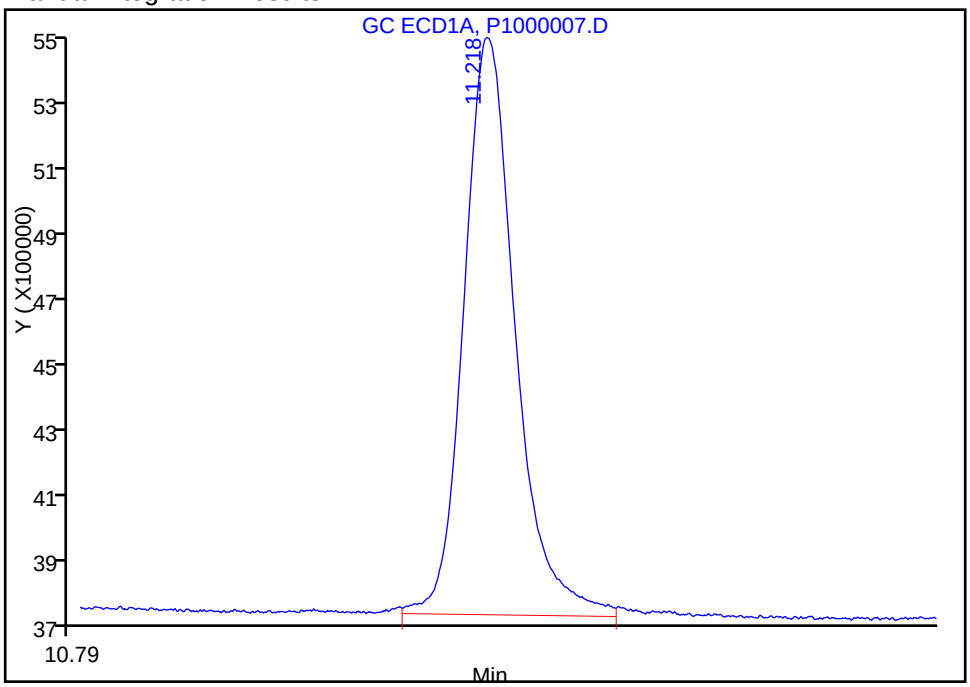
Processing Integration Results

Not Detected
Expected RT: 11.22



Manual Integration Results

RT: 11.22
Response: 1660942
Amount: 0.003283



Reviewer: bolgrind, 26-Dec-2012 12:30:10
Audit Action: Assigned Compound ID
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70037/7

Matrix: Water | Lab File ID: P1000007.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 17:16

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.: 70037 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	*2,4-D*	*0.0212*		*0.0040*	0.00050	*0.00041*
75-99-0	*Dalapon*	*0.0120*		*0.0020*	0.00020	*0.00017*
94-82-6	*2,4-DB*	*0.00331*	*J ^*	*0.0040*	0.0010	*0.00069*
1918-00-9	*Dicamba*	*0.0116*		*0.0020*	0.0010	*0.00052*
120-36-5	*Dichlorprop*	*0.0239*		*0.0040*	0.0010	*0.00086*
88-85-7	*Dinoseb*	*0.00324*	*M*	*0.00060*	0.00020	*0.000087*
94-74-6	*MCPA*	*1.06*	^	*0.40*	0.40	*0.39*
93-65-2	*MCPP*	*1.04*	^	*0.40*	0.40	*0.40*
87-86-5	*Pentachlorophenol*	*0.000040*	*U*	*0.00010*	0.000040	*0.000024*
93-72-1	*Silvex (2,4,5-TP)*	*0.00536*		*0.0010*	0.00020	*0.00020*
93-76-5	*2,4,5-T*	*0.00516*		*0.0010*	0.00050	*0.00030*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	122	*Q*	32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000007.D
Lims ID: MRL Client ID:
Inject. Date: 24-Dec-2012 17:16:28 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016161-007
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 70037 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:46:40 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: bolgrind Date: 26-Dec-2012 12:30:10

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.238	1.238	0.000	5265790	0.0115	
2	1.371	1.371	0.000	1737020	0.0120	
					RPD = 3.78	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.968	6.967	0.001	3609747	0.0242	
2	7.609	7.608	0.001	1509686	0.0243	
					RPD = 0.43	
6 Dicamba						
1	7.134	7.133	0.001	7445051	0.0120	
2	7.774	7.774	0.000	2956402	0.0116	
					RPD = 4.13	
10 MCPP						
1	7.419	7.418	0.001	1826831	1.13	
2	7.962	7.960	0.002	677664	1.04	
					RPD = 7.51	
9 MCPA						
1	7.581	7.580	0.001	2686144	1.08	
2	8.212	8.210	0.002	1047458	1.06	
					RPD = 2.21	
7 Dichlorprop						
1	7.952	7.950	0.002	3518472	0.0254	
2	8.570	8.570	0.000	1258267	0.0239	
					RPD = 6.28	
2 2,4-D						
1	8.194	8.190	0.004	3180606	0.0211	
2	8.930	8.926	0.004	1313931	0.0212	
					RPD = 0.30	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						
1	9.068	9.064	0.004	4049193	0.005304	
2	9.864	9.860	0.004	1522653	0.005363	
					RPD = 1.11	
1 2,4,5-T						
1	9.386	9.380	0.006	2880779	0.004693	
2	10.342	10.338	0.004	1251961	0.005160	
					RPD = 9.48	
3 2,4-DB						
1	10.016	10.010	0.006	1213324	0.0190	
2	10.991	10.988	0.003	87908	0.003309	
					RPD = 140.68	
8 Dinoseb						M
1	11.218	11.216	0.002	1660942	0.003283	
2	11.365	11.365	0.000	626968	0.003242	M
					RPD = 1.26	

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

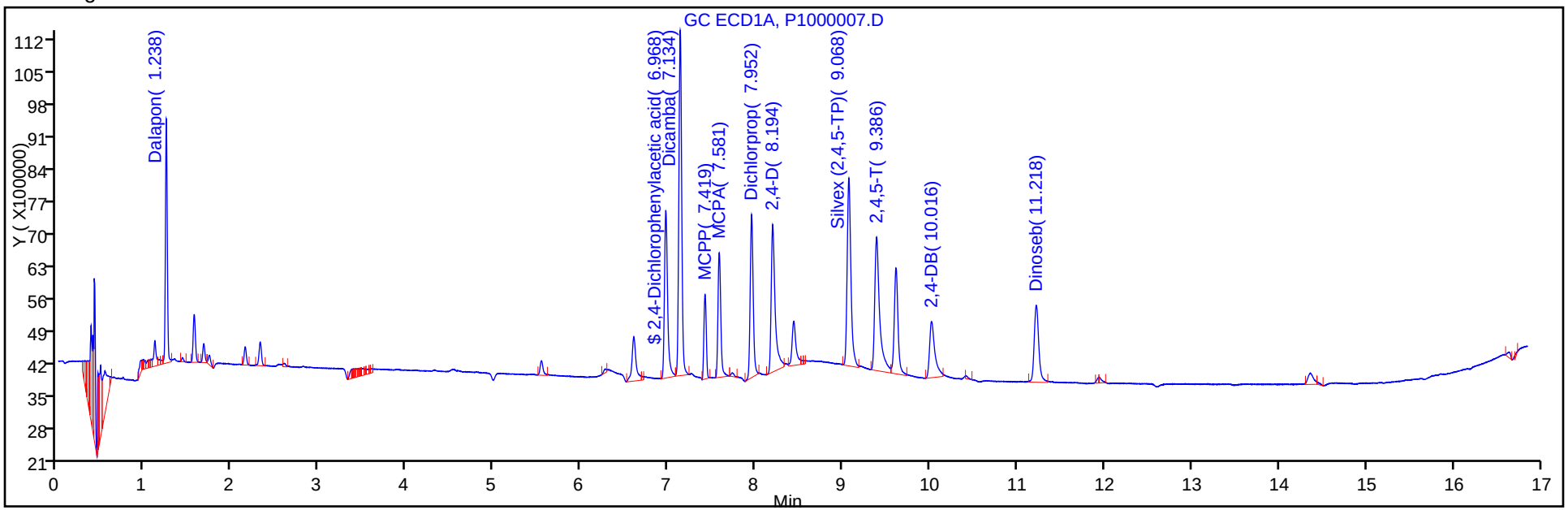
Report Date: 26-Dec-2012 13:46:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

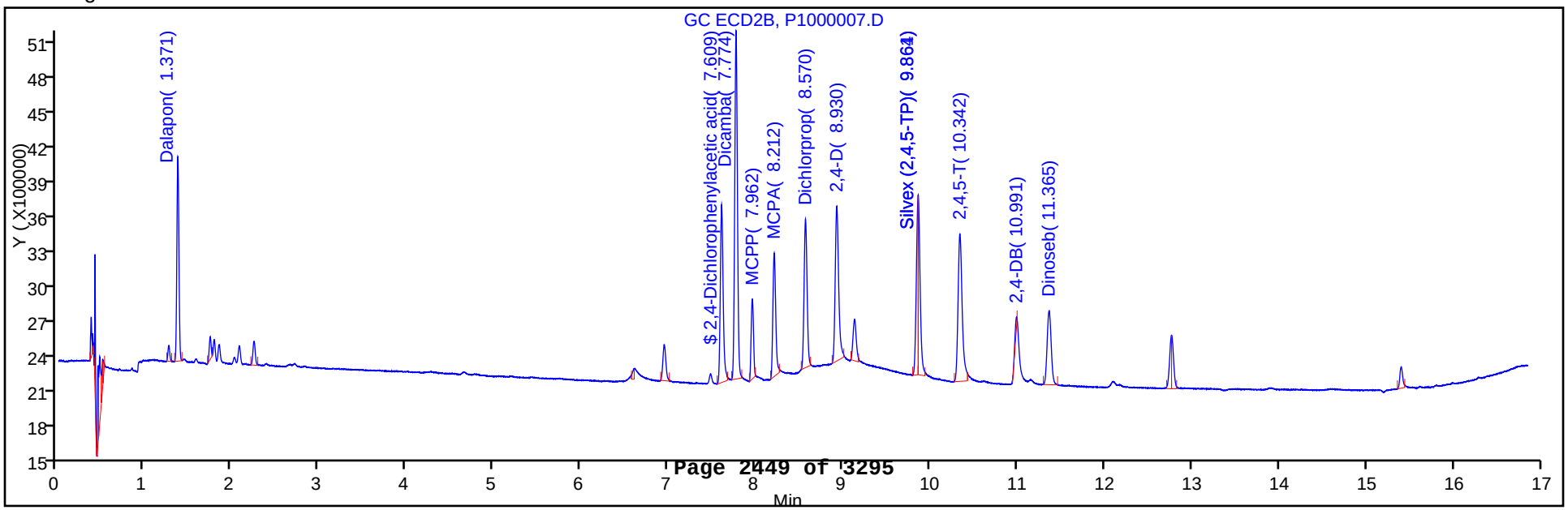
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000007.D

Injection Date:	24-Dec-2012 17:16:28	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

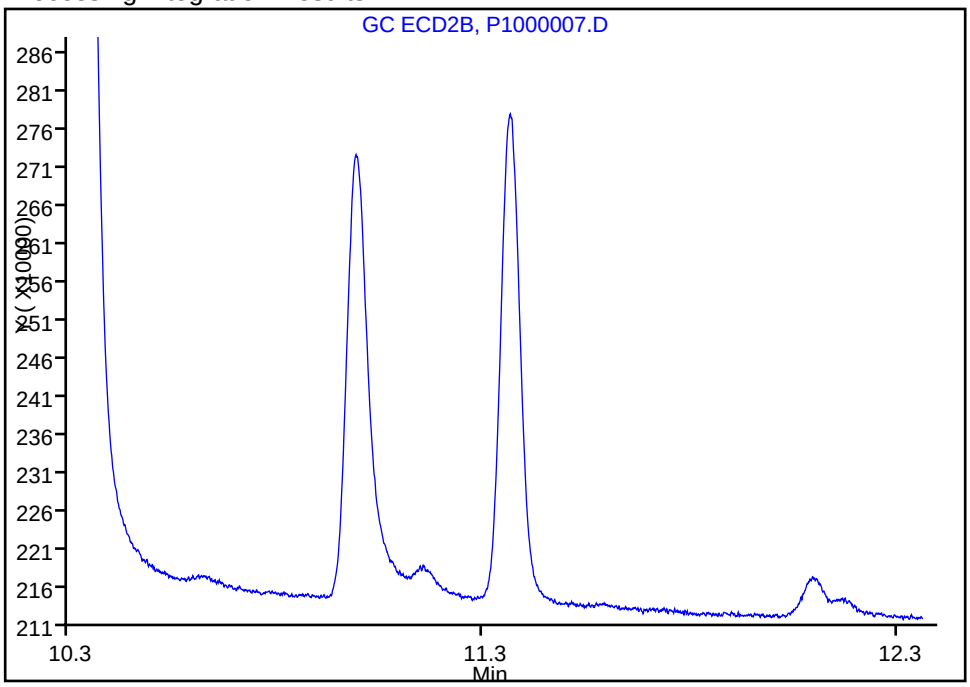
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000007.D		
Injection Date:	24-Dec-2012 17:16:28	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 2, Type: quant, RT: 11.37, Det: GC ecd2b

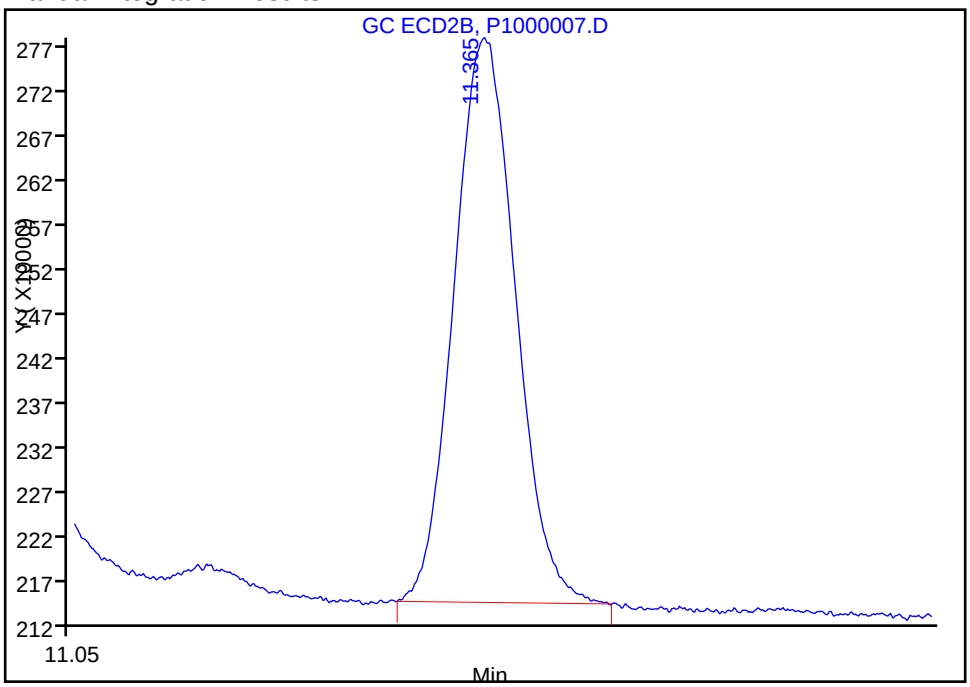
Processing Integration Results

Not Detected
Expected RT: 11.37



Manual Integration Results

RT: 11.37
Response: 626968
Amount: 0.003242



Reviewer: bolgrind, 26-Dec-2012 12:30:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70037/32

Matrix: Water | Lab File ID: P1000032.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/25/2012 03:04

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.: 70037 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.0219		0.0040	0.00050	0.00041
75-99-0	Dalapon	0.0114		0.0020	0.00020	0.00017
94-82-6	2,4-DB	0.0202		0.0040	0.0010	0.00069
1918-00-9	Dicamba	0.0124		0.0020	0.0010	0.00052
120-36-5	Dichlorprop	0.0262	^	0.0040	0.0010	0.00086
88-85-7	Dinoseb	0.00358		0.00060	0.00020	0.000087
94-74-6	MCPA	1.30	^	0.40	0.40	0.39
93-65-2	MCPP	1.28	^	0.40	0.40	0.40
87-86-5	Pentachlorophenol	0.000040	U	0.00010	0.000040	0.000024
93-72-1	Silvex (2,4,5-TP)	0.00547		0.0010	0.00020	0.00020
93-76-5	2,4,5-T	0.00495		0.0010	0.00050	0.00030

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	128	Q	32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000032.D
Lims ID: MRL Client ID:
Inject. Date: 25-Dec-2012 03:04:18 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016161-032
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 70037 Lims Sample ID: 32
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:46:31 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: bolgrind Date: 26-Dec-2012 12:27:18

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.245	1.245	0.000	5215838	0.0114	
2	1.372	1.371	0.001	1846844	0.0127	
					RPD = 10.86	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.977	6.975	0.002	3804267	0.0255	
2	7.608	7.607	0.001	1560159	0.0251	
					RPD = 1.53	
6 Dicamba						
1	7.143	7.141	0.002	7671182	0.0124	
2	7.773	7.773	0.000	3028451	0.0118	
					RPD = 4.72	
10 MCPP						
1	7.427	7.425	0.002	1907442	1.28	
2	7.960	7.960	0.000	747180	1.35	
					RPD = 5.74	
9 MCPA						
1	7.591	7.588	0.003	2825186	1.30	
2	8.212	8.210	0.002	1118789	1.33	
					RPD = 2.69	
7 Dichlorprop						
1	7.962	7.959	0.003	3622634	0.0262	
2	8.572	8.569	0.003	1345483	0.0255	
					RPD = 2.50	
2 2,4-D						
1	8.204	8.197	0.007	3297805	0.0219	
2	8.927	8.925	0.002	1454143	0.0235	
					RPD = 6.81	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.287				
2		9.217				
12 Silvex (2,4,5-TP)						
1	9.077	9.074	0.003	4172927	0.005466	
2	9.862	9.860	0.002	1603579	0.005648	
					RPD = 3.28	
1 2,4,5-T						
1	9.397	9.390	0.007	3040985	0.004954	
2	10.340	10.338	0.002	1321192	0.005446	
					RPD = 9.45	
3 2,4-DB						
1	10.027	10.019	0.008	1292699	0.0202	
2	10.990	10.985	0.005	584403	0.0220	
					RPD = 8.30	
8 Dinoseb						M
1	11.228	11.226	0.002	1812419	0.003583	
2	11.362	11.362	0.000	679549	0.003514	M
					RPD = 1.93	

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

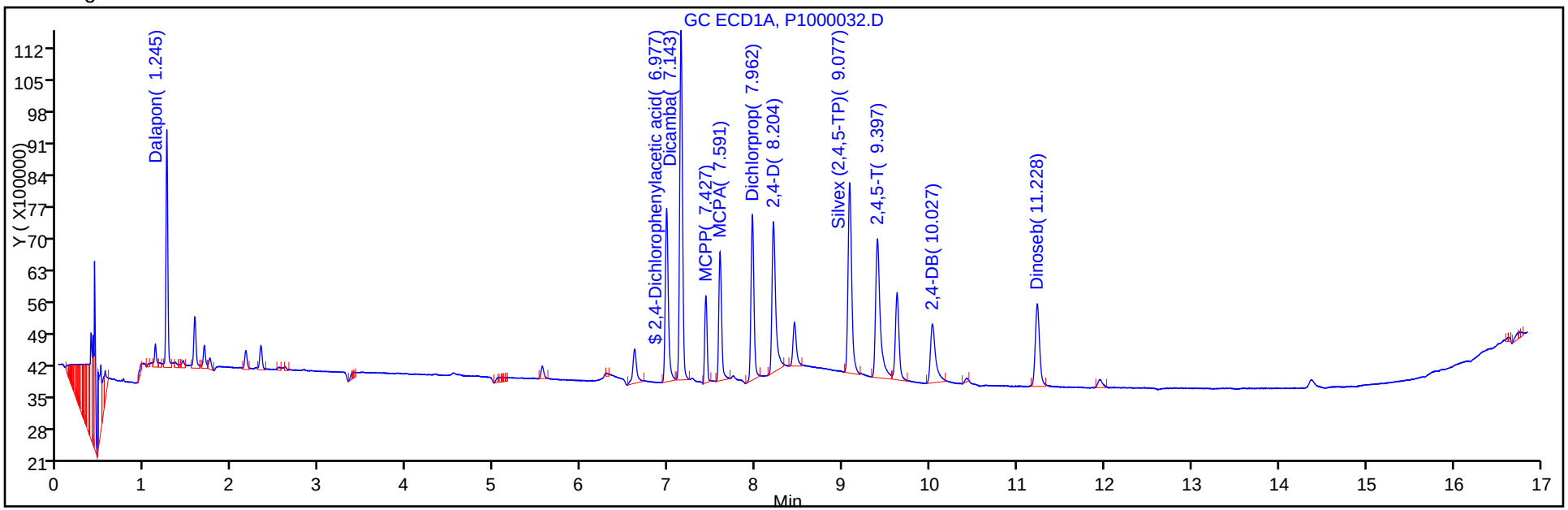
Report Date: 26-Dec-2012 13:46:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

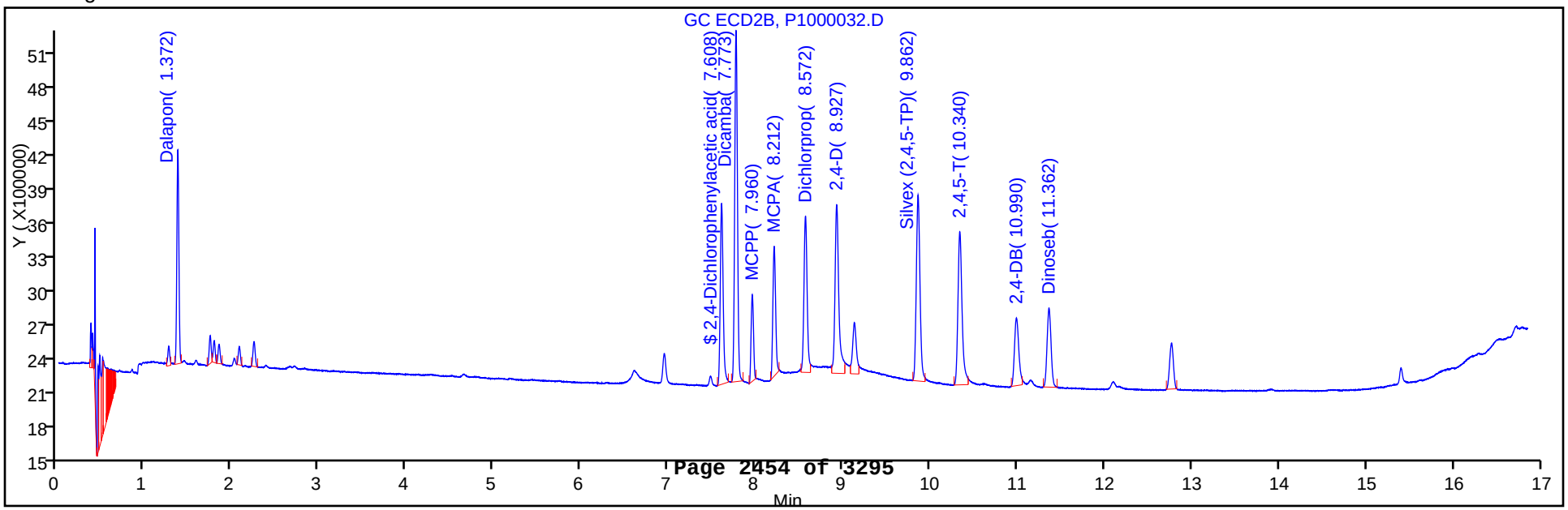
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000032.D

Injection Date:	25-Dec-2012 03:04:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

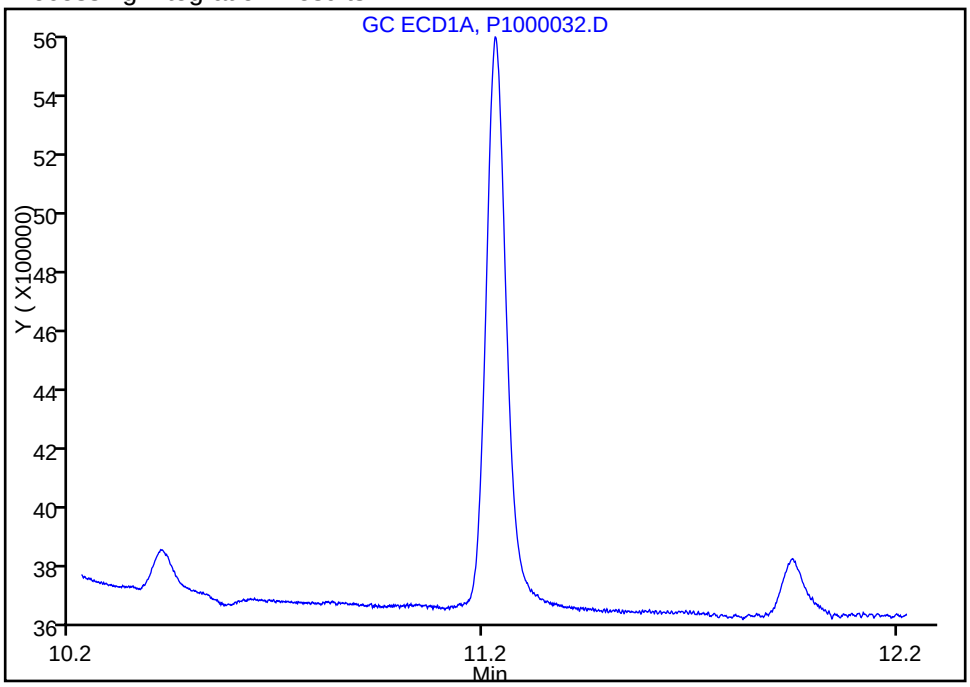
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000032.D		
Injection Date:	25-Dec-2012 03:04:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 1, Type: quant, RT: 11.23, Det: GC ECD1A

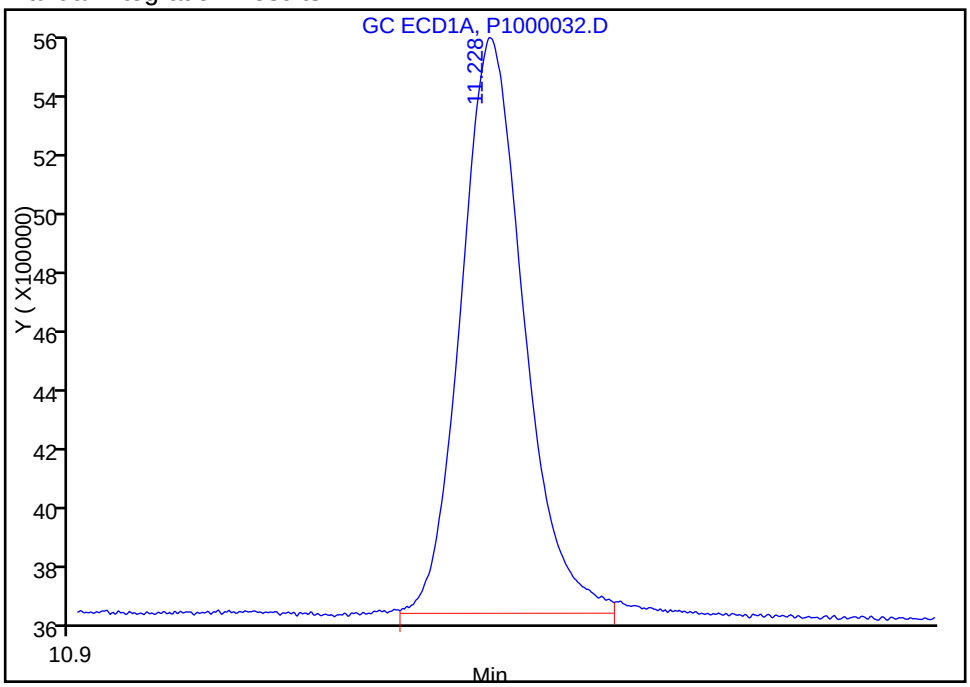
Not Detected
Expected RT: 11.23

Processing Integration Results



Manual Integration Results

RT: 11.23
Response: 1812419
Amount: 0.003583



Reviewer: bolgrind, 26-Dec-2012 12:27:18
Audit Action: Assigned Compound ID
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70037/32

Matrix: Water | Lab File ID: P1000032.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/25/2012 03:04

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.: 70037 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	*2,4-D*	*0.0235*		*0.0040*	0.00050	*0.00041*
75-99-0	*Dalapon*	*0.0127*		*0.0020*	0.00020	*0.00017*
94-82-6	*2,4-DB*	*0.0220*		*0.0040*	0.0010	*0.00069*
1918-00-9	*Dicamba*	*0.0118*		*0.0020*	0.0010	*0.00052*
120-36-5	*Dichlorprop*	*0.0255*		*0.0040*	0.0010	*0.00086*
88-85-7	*Dinoseb*	*0.00351*	*M*	*0.00060*	0.00020	*0.000087*
94-74-6	*MCPA*	*1.33*	^	*0.40*	0.40	*0.39*
93-65-2	*MCPP*	*1.35*	^	*0.40*	0.40	*0.40*
87-86-5	*Pentachlorophenol*	*0.000040*	*U*	*0.00010*	0.000040	*0.000024*
93-72-1	*Silvex (2,4,5-TP)*	*0.00565*		*0.0010*	0.00020	*0.00020*
93-76-5	*2,4,5-T*	*0.00545*		*0.0010*	0.00050	*0.00030*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	126	*Q*	32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000032.D
Lims ID: MRL Client ID:
Inject. Date: 25-Dec-2012 03:04:18 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016161-032
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 70037 Lims Sample ID: 32
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:46:31 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: bolgrind Date: 26-Dec-2012 12:27:18

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.245	1.245	0.000	5215838	0.0114	
2	1.372	1.371	0.001	1846844	0.0127	
					RPD = 10.86	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.977	6.975	0.002	3804267	0.0255	
2	7.608	7.607	0.001	1560159	0.0251	
					RPD = 1.53	
6 Dicamba						
1	7.143	7.141	0.002	7671182	0.0124	
2	7.773	7.773	0.000	3028451	0.0118	
					RPD = 4.72	
10 MCPP						
1	7.427	7.425	0.002	1907442	1.28	
2	7.960	7.960	0.000	747180	1.35	
					RPD = 5.74	
9 MCPA						
1	7.591	7.588	0.003	2825186	1.30	
2	8.212	8.210	0.002	1118789	1.33	
					RPD = 2.69	
7 Dichlorprop						
1	7.962	7.959	0.003	3622634	0.0262	
2	8.572	8.569	0.003	1345483	0.0255	
					RPD = 2.50	
2 2,4-D						
1	8.204	8.197	0.007	3297805	0.0219	
2	8.927	8.925	0.002	1454143	0.0235	
					RPD = 6.81	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.287				
2		9.217				
12 Silvex (2,4,5-TP)						
1	9.077	9.074	0.003	4172927	0.005466	
2	9.862	9.860	0.002	1603579	0.005648	
					RPD = 3.28	
1 2,4,5-T						
1	9.397	9.390	0.007	3040985	0.004954	
2	10.340	10.338	0.002	1321192	0.005446	
					RPD = 9.45	
3 2,4-DB						
1	10.027	10.019	0.008	1292699	0.0202	
2	10.990	10.985	0.005	584403	0.0220	
					RPD = 8.30	
8 Dinoseb						M
1	11.228	11.226	0.002	1812419	0.003583	
2	11.362	11.362	0.000	679549	0.003514	M
					RPD = 1.93	

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

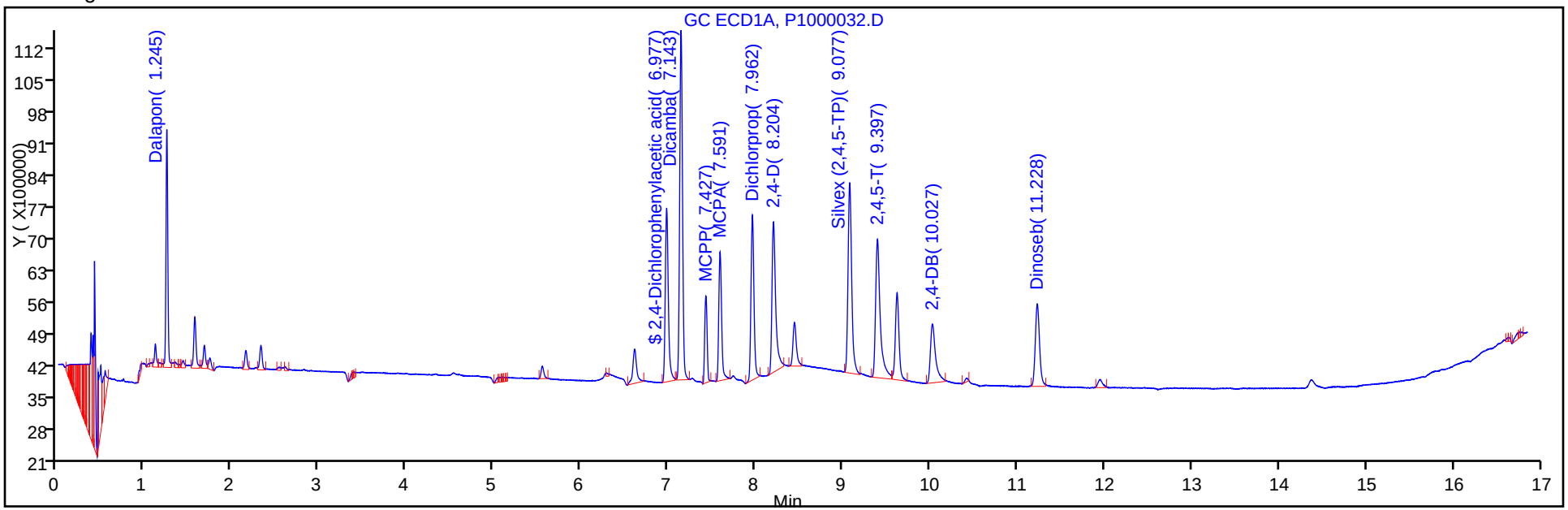
Report Date: 26-Dec-2012 13:46:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

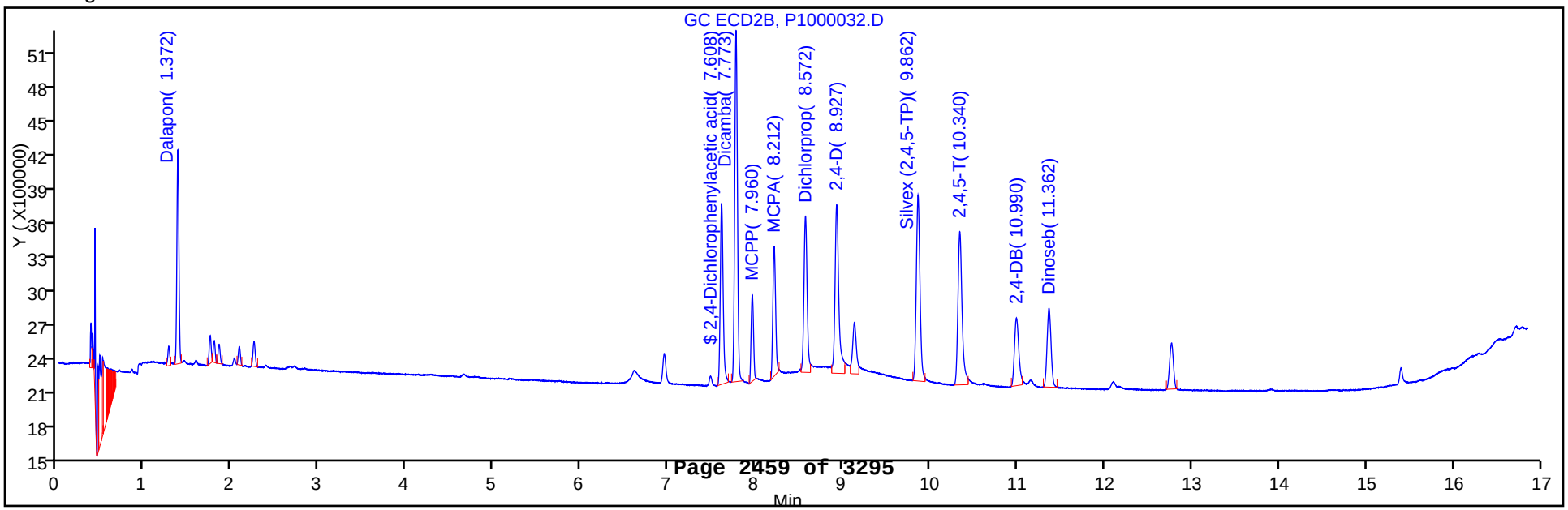
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000032.D

Injection Date:	25-Dec-2012 03:04:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

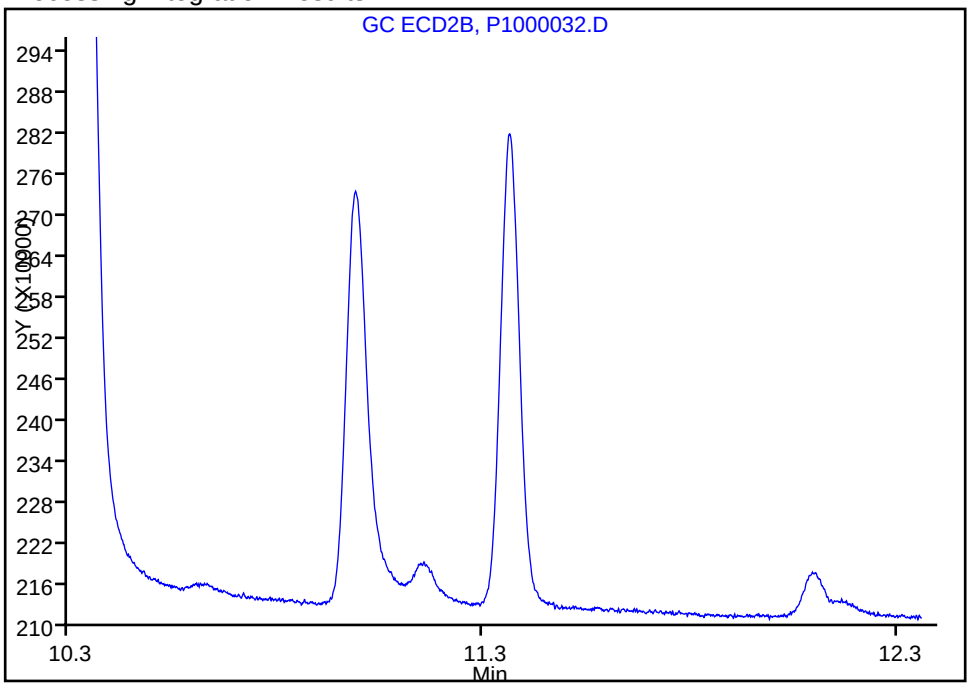
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000032.D		
Injection Date:	25-Dec-2012 03:04:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 2, Type: quant, RT: 11.36, Det: GC ecd2b

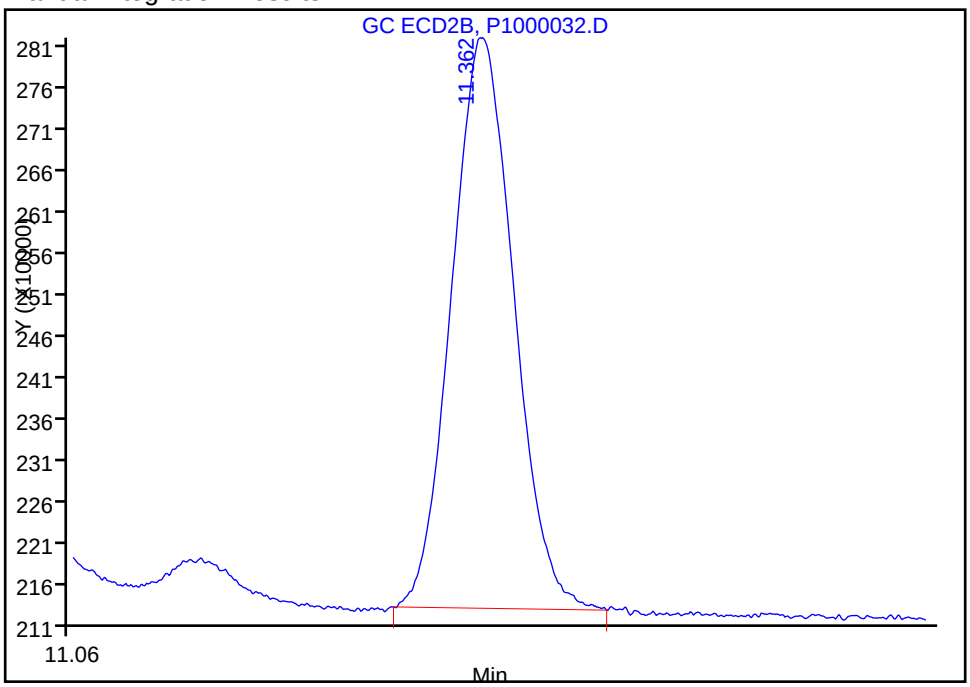
Not Detected
Expected RT: 11.36

Processing Integration Results



Manual Integration Results

RT: 11.36
Response: 679549
Amount: 0.003514



Reviewer: bolgrind, 26-Dec-2012 12:27:18
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70766/23

Matrix: Solid | Lab File ID: P1000023.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 21:56

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 70766 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	*2,4-D*	*0.0177*	*J*	*0.50*	0.00050	*0.00041*
93-72-1	*Silvex (2,4,5-TP)*	*0.00474*	*J*	*0.10*	0.00020	*0.00020*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	107		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000023.D
Lims ID: MRL Client ID:
Inject. Date: 31-Dec-2012 21:56:49 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016320-023
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 70766 Lims Sample ID: 23
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:13 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.237	1.237	0.000	4843086	0.0106	
2	1.376	1.375	0.001	1499451	0.0103	
					RPD = 2.56	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.963	6.961	0.002	3194633	0.0214	
2	7.614	7.613	0.001	1306595	0.0210	
					RPD = 1.80	
6 Dicamba						
1	7.128	7.127	0.001	7072014	0.0114	
2	7.779	7.779	0.000	2770302	0.0108	
					RPD = 5.49	
10 MCPP						
1	7.412	7.411	0.001	1709184	0.9038	
2	7.966	7.964	0.002	679297	1.05	
					RPD = 15.10	
9 MCPA						
1	7.576	7.573	0.003	2472096	0.7530	
2	8.218	8.216	0.002	1033874	1.01	
					RPD = 28.87	
7 Dichlorprop						
1	7.948	7.945	0.003	3010101	0.0217	
2	8.578	8.575	0.003	1120676	0.0213	
					RPD = 2.26	
2 2,4-D						
1	8.191	8.185	0.006	2664450	0.0177	
2	8.938	8.933	0.005	1159389	0.0187	
					RPD = 5.49	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						
1	9.064	9.060	0.004	3619436	0.004741	
2	9.871	9.869	0.002	1334626	0.004701	
					RPD = 0.85	
1 2,4,5-T						
1	9.382	9.376	0.006	2502696	0.004077	
2	10.352	10.347	0.005	1077363	0.004441	
					RPD = 8.53	
3 2,4-DB						
1	10.017	10.007	0.010	1138165	0.0178	
2	11.002	10.999	0.003	474589	0.0179	
					RPD = 0.22	
8 Dinoseb						
1	11.212	11.206	0.006	1497492	0.002960	
2	11.374	11.373	0.001	542223	0.002804	
					RPD = 5.42	

QC Flag Legend

Processing Flags
1 - Missing Peaks

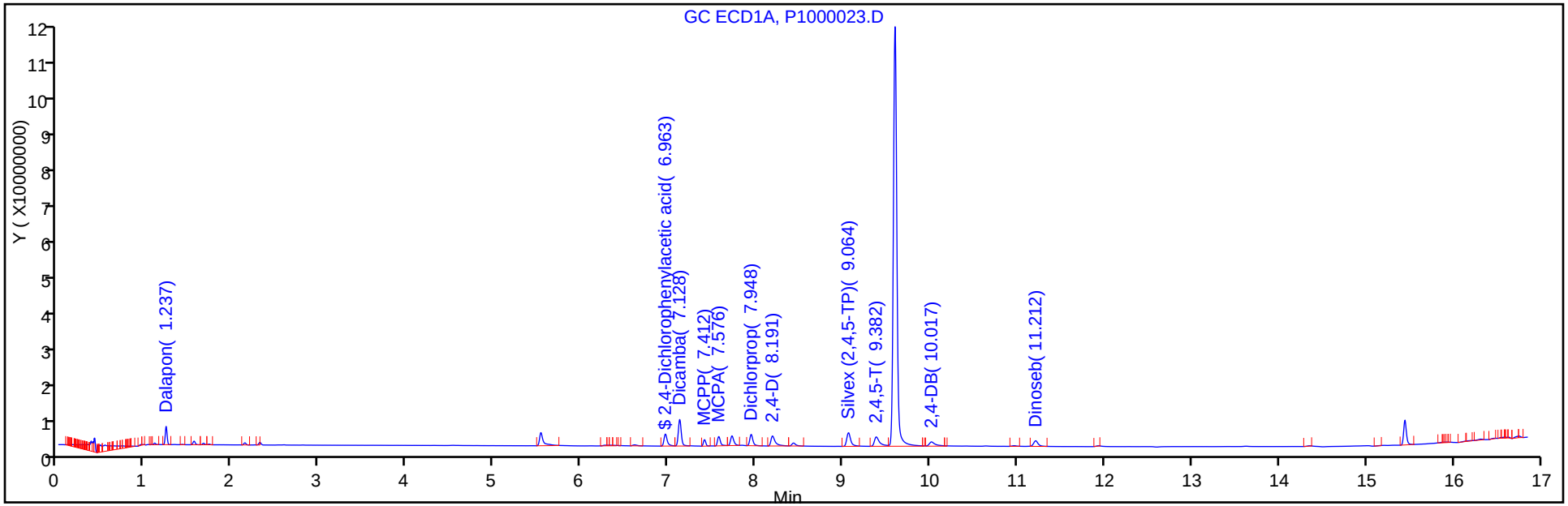
Report Date: 02-Jan-2013 09:45:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

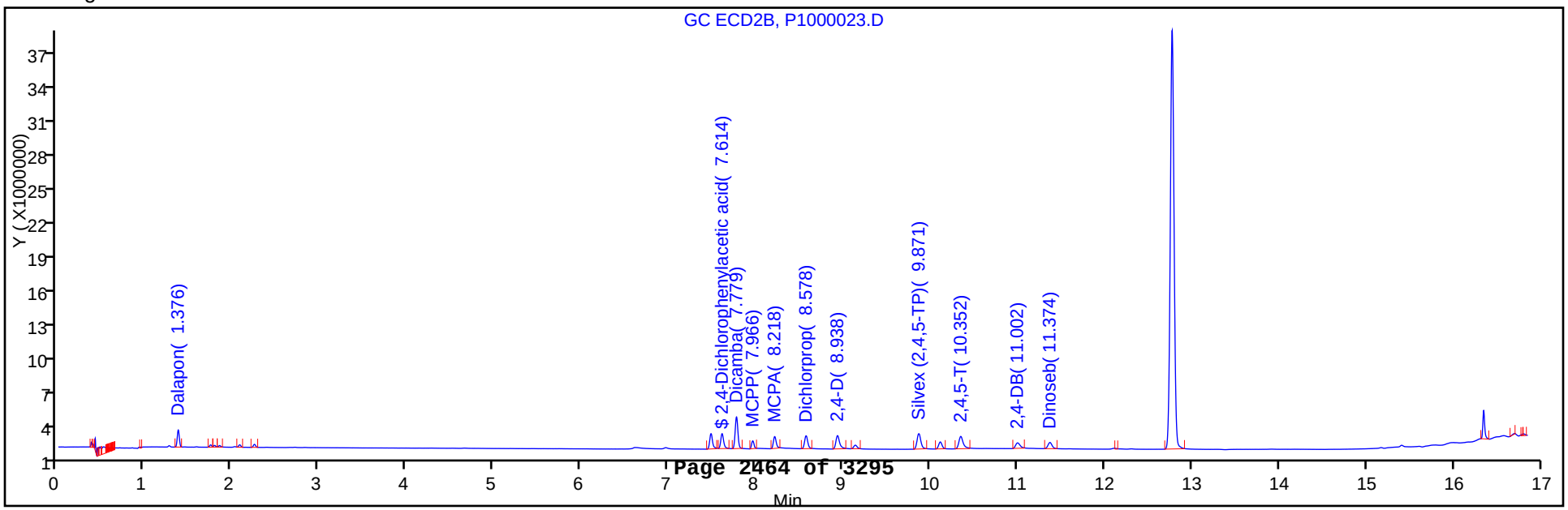
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000023.D

Injection Date:	31-Dec-2012 21:56:49	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	23
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70766/23

Matrix: Solid | Lab File ID: P1000023.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 21:56

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 70766 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.0187	J	0.50	0.00050	0.00041
93-72-1	Silvex (2,4,5-TP)	0.00470	J	0.10	0.00020	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	105		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000023.D
Lims ID: MRL Client ID:
Inject. Date: 31-Dec-2012 21:56:49 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016320-023
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 70766 Lims Sample ID: 23
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:13 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.237	1.237	0.000	4843086	0.0106	
2	1.376	1.375	0.001	1499451	0.0103	
					RPD = 2.56	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.963	6.961	0.002	3194633	0.0214	
2	7.614	7.613	0.001	1306595	0.0210	
					RPD = 1.80	
6 Dicamba						
1	7.128	7.127	0.001	7072014	0.0114	
2	7.779	7.779	0.000	2770302	0.0108	
					RPD = 5.49	
10 MCPP						
1	7.412	7.411	0.001	1709184	0.9038	
2	7.966	7.964	0.002	679297	1.05	
					RPD = 15.10	
9 MCPA						
1	7.576	7.573	0.003	2472096	0.7530	
2	8.218	8.216	0.002	1033874	1.01	
					RPD = 28.87	
7 Dichlorprop						
1	7.948	7.945	0.003	3010101	0.0217	
2	8.578	8.575	0.003	1120676	0.0213	
					RPD = 2.26	
2 2,4-D						
1	8.191	8.185	0.006	2664450	0.0177	
2	8.938	8.933	0.005	1159389	0.0187	
					RPD = 5.49	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						
1	9.064	9.060	0.004	3619436	0.004741	
2	9.871	9.869	0.002	1334626	0.004701	
					RPD = 0.85	
1 2,4,5-T						
1	9.382	9.376	0.006	2502696	0.004077	
2	10.352	10.347	0.005	1077363	0.004441	
					RPD = 8.53	
3 2,4-DB						
1	10.017	10.007	0.010	1138165	0.0178	
2	11.002	10.999	0.003	474589	0.0179	
					RPD = 0.22	
8 Dinoseb						
1	11.212	11.206	0.006	1497492	0.002960	
2	11.374	11.373	0.001	542223	0.002804	
					RPD = 5.42	

QC Flag Legend

Processing Flags
1 - Missing Peaks

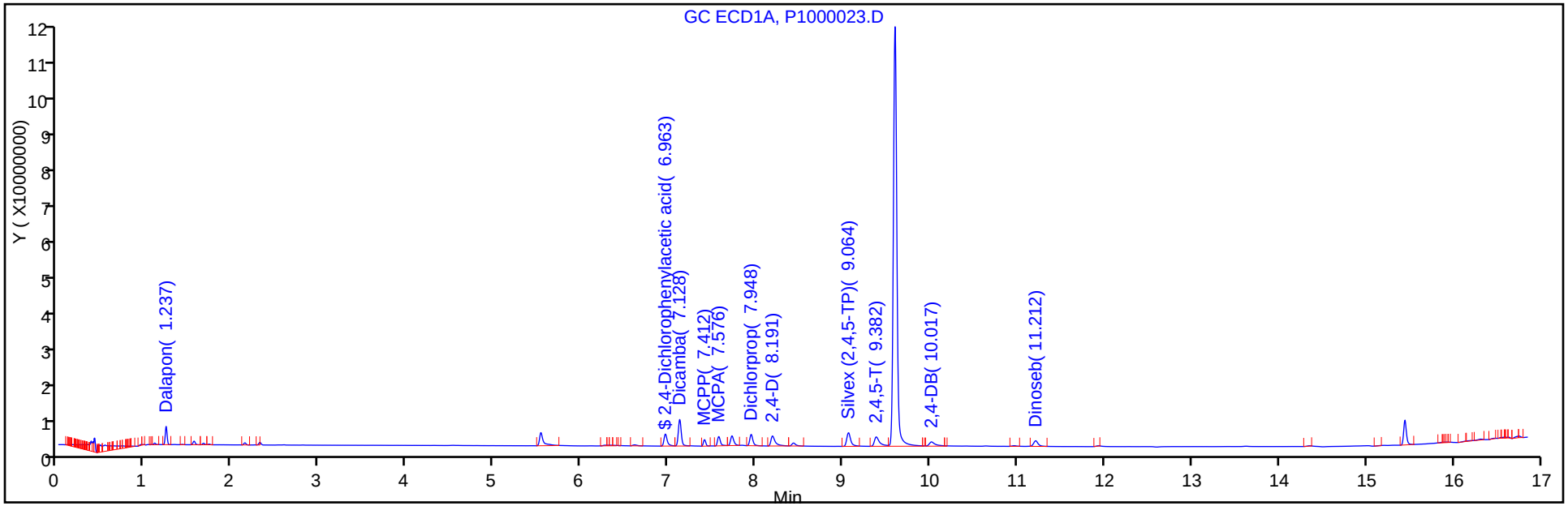
Report Date: 02-Jan-2013 09:45:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

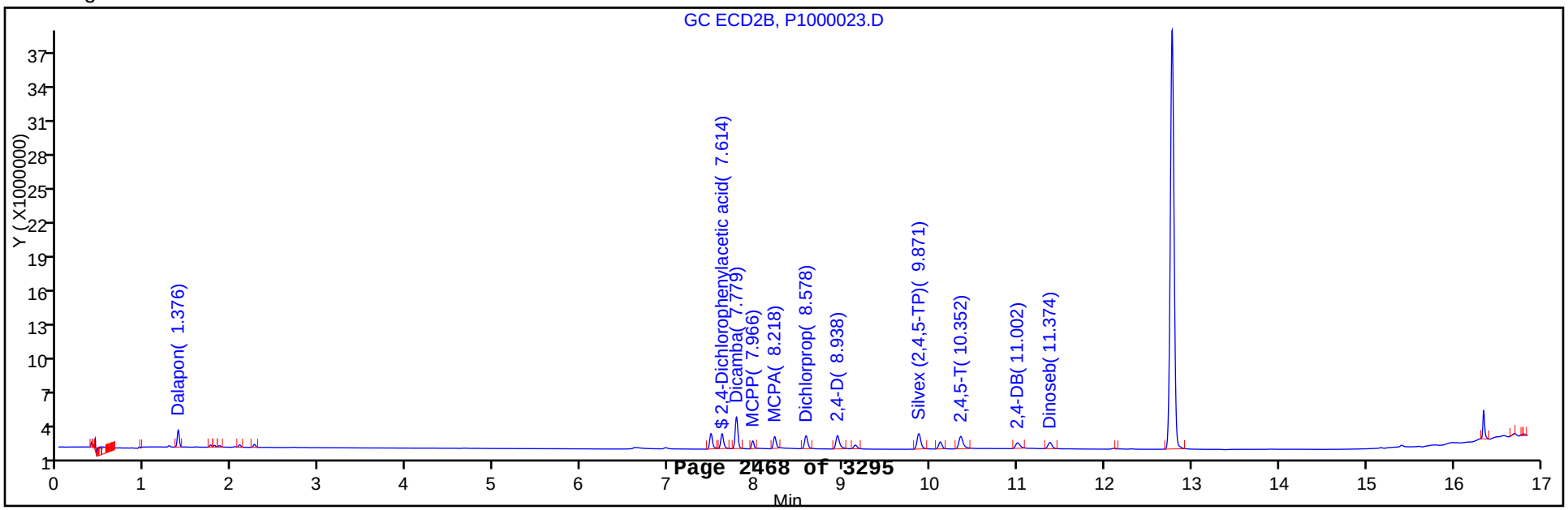
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000023.D

Injection Date:	31-Dec-2012 21:56:49	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	23
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70766/42

Matrix: Solid | Lab File ID: P1000042.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/01/2013 05:22

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 70766 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	*2,4-D*	*0.0218*	*J*	*0.50*	0.00050	*0.00041*
93-72-1	*Silvex (2,4,5-TP)*	*0.00550*	*J*	*0.10*	0.00020	*0.00020*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	123	*Q*	37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000042.D
Lims ID: MRL Client ID:
Inject. Date: 01-Jan-2013 05:22:21 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016320-042
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 70766 Lims Sample ID: 42
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:32 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.239	1.240	-0.001	4985867	0.0109	
2	1.379	1.378	0.001	1545188	0.0106	
					RPD = 2.46	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.966	6.965	0.001	3666326	0.0246	
2	7.618	7.617	0.001	1494159	0.0241	
					RPD = 2.16	
6 Dicamba						
1	7.132	7.132	0.000	7878060	0.0128	
2	7.784	7.783	0.001	3072030	0.0120	
					RPD = 5.95	
10 MCPP						
1	7.417	7.417	0.000	1856295	1.18	
2	7.969	7.970	-0.001	758305	1.40	
					RPD = 17.16	
9 MCPA						
1	7.580	7.579	0.001	2722538	1.14	
2	8.221	8.221	0.000	1135613	1.40	
					RPD = 20.38	
7 Dichlorprop						
1	7.950	7.949	0.001	3461511	0.0250	
2	8.580	8.579	0.001	1263100	0.0240	
					RPD = 4.27	
2 2,4-D						
1	8.193	8.188	0.005	3276082	0.0218	
2	8.940	8.937	0.003	1346279	0.0217	
					RPD = 0.23	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.276				
2		9.230				
12 Silvex (2,4,5-TP)						
1	9.064	9.062	0.002	4196128	0.005496	
2	9.875	9.873	0.002	1504043	0.005298	
					RPD = 3.68	
1 2,4,5-T						
1	9.380	9.377	0.003	3159691	0.005148	
2	10.352	10.350	0.002	1261730	0.005201	
					RPD = 1.02	
3 2,4-DB						
1	10.009	10.004	0.005	1482196	0.0232	
2	11.005	11.000	0.005	634166	0.0239	
					RPD = 2.80	
8 Dinoseb						
1	11.214	11.210	0.004	1775279	0.003509	
2	11.379	11.377	0.002	661758	0.003422	
					RPD = 2.52	

QC Flag Legend

Processing Flags
1 - Missing Peaks

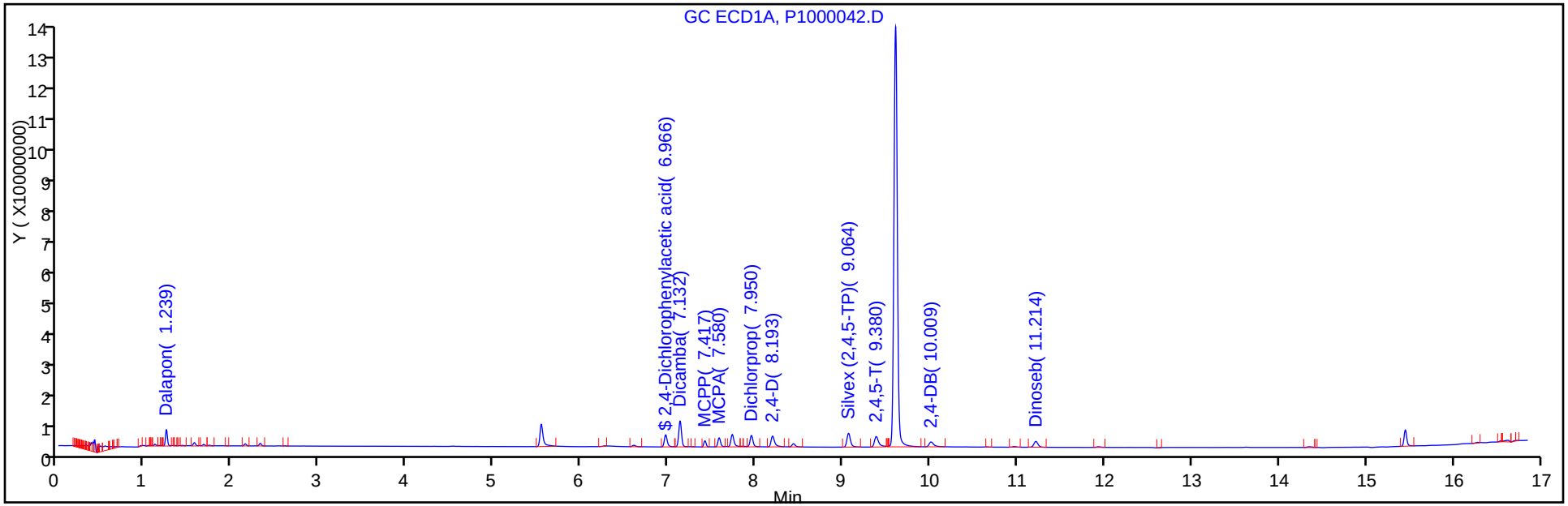
Report Date: 02-Jan-2013 09:45:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

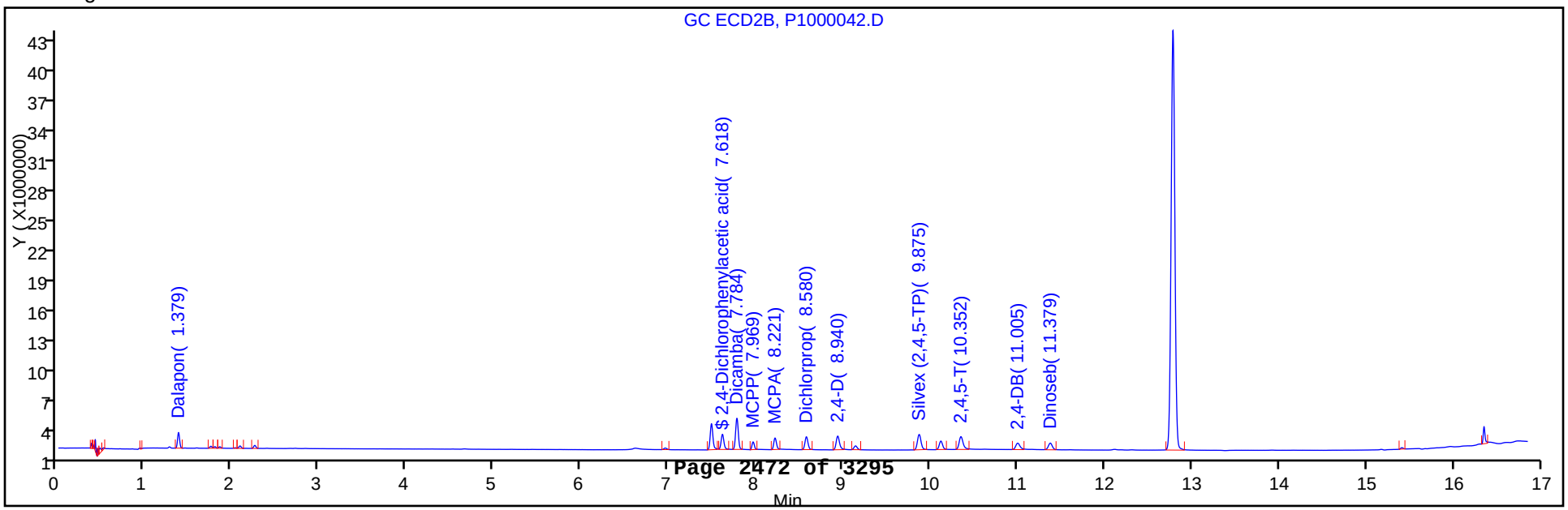
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000042.D

Injection Date:	01-Jan-2013 05:22:21	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	42
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70766/42

Matrix: Solid | Lab File ID: P1000042.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/01/2013 05:22

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 70766 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.0217	J	0.50	0.00050	0.00041
93-72-1	Silvex (2,4,5-TP)	0.00530	J	0.10	0.00020	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	120	Q	37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000042.D
Lims ID: MRL Client ID:
Inject. Date: 01-Jan-2013 05:22:21 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016320-042
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 70766 Lims Sample ID: 42
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:32 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.239	1.240	-0.001	4985867	0.0109	
2	1.379	1.378	0.001	1545188	0.0106	
					RPD = 2.46	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.966	6.965	0.001	3666326	0.0246	
2	7.618	7.617	0.001	1494159	0.0241	
					RPD = 2.16	
6 Dicamba						
1	7.132	7.132	0.000	7878060	0.0128	
2	7.784	7.783	0.001	3072030	0.0120	
					RPD = 5.95	
10 MCPP						
1	7.417	7.417	0.000	1856295	1.18	
2	7.969	7.970	-0.001	758305	1.40	
					RPD = 17.16	
9 MCPA						
1	7.580	7.579	0.001	2722538	1.14	
2	8.221	8.221	0.000	1135613	1.40	
					RPD = 20.38	
7 Dichlorprop						
1	7.950	7.949	0.001	3461511	0.0250	
2	8.580	8.579	0.001	1263100	0.0240	
					RPD = 4.27	
2 2,4-D						
1	8.193	8.188	0.005	3276082	0.0218	
2	8.940	8.937	0.003	1346279	0.0217	
					RPD = 0.23	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						1
1		8.276				
2		9.230				
12 Silvex (2,4,5-TP)						
1	9.064	9.062	0.002	4196128	0.005496	
2	9.875	9.873	0.002	1504043	0.005298	
					RPD = 3.68	
1 2,4,5-T						
1	9.380	9.377	0.003	3159691	0.005148	
2	10.352	10.350	0.002	1261730	0.005201	
					RPD = 1.02	
3 2,4-DB						
1	10.009	10.004	0.005	1482196	0.0232	
2	11.005	11.000	0.005	634166	0.0239	
					RPD = 2.80	
8 Dinoseb						
1	11.214	11.210	0.004	1775279	0.003509	
2	11.379	11.377	0.002	661758	0.003422	
					RPD = 2.52	

QC Flag Legend

Processing Flags
1 - Missing Peaks

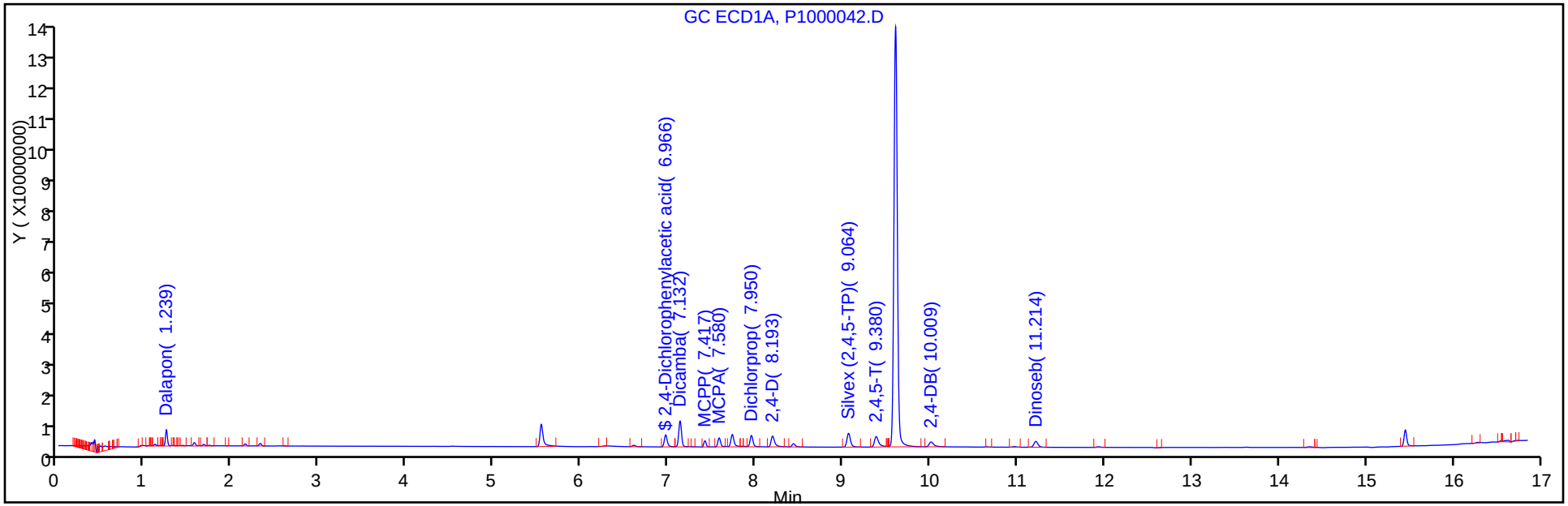
Report Date: 02-Jan-2013 09:45:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

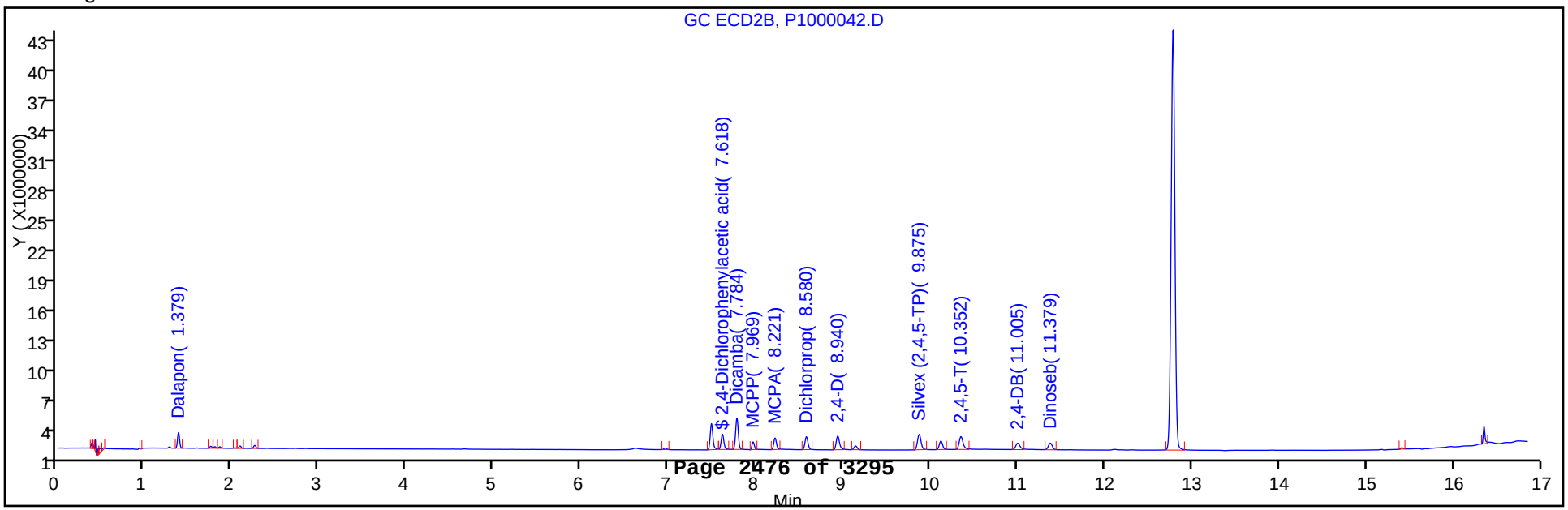
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000042.D

Injection Date:	01-Jan-2013 05:22:21	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	42
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0058-0001-IDW MS | Lab Sample ID: 240-18735-5 MS

Matrix: Solid (TCLP) | Lab File ID: P1000030.D

Analysis Method: 8151/DOD | Date Collected: 12/12/2012 13:30

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 00:41

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.: 70766 | Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	70		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000030.D		
Lims ID:	240-18735-C-5-M MS	Client ID:	
Inject. Date:	01-Jan-2013 00:41:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016320-030		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	70766	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 4 2,4-Dichlorophenylacetic acid						
1	6.966	6.961	0.005	20883461	0.1401	
2	7.614	7.613	0.001	9479431	0.1527	
					RPD = 8.61	
2 2,4-D						
1	8.183	8.185	-0.002	24613903	0.1635	
2	8.934	8.933	0.001	9190180	0.1482	
					RPD = 9.81	
11 Pentachlorophenol						1
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						
1	9.058	9.060	-0.002	30365815	0.0398	
2	9.870	9.869	0.001	12193616	0.0429	
					RPD = 7.68	
1 2,4,5-T						
1		9.376				
2		10.347				

QC Flag Legend

Processing Flags
1 - Missing Peaks

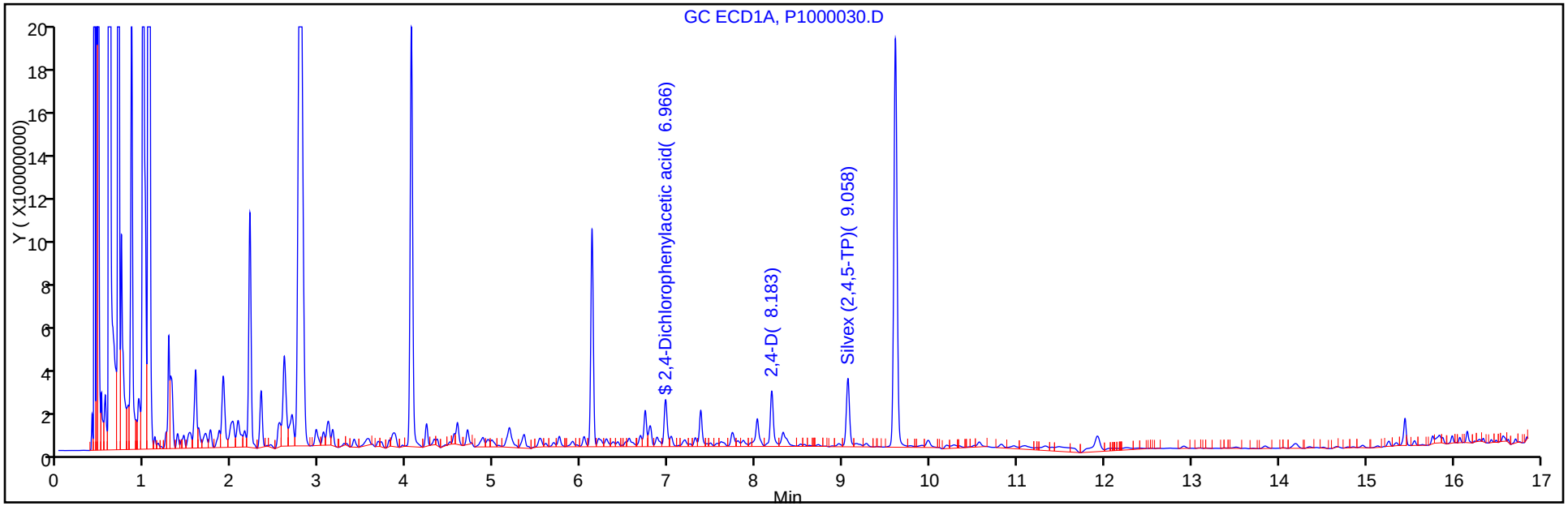
Report Date: 07-Jan-2013 13:46:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

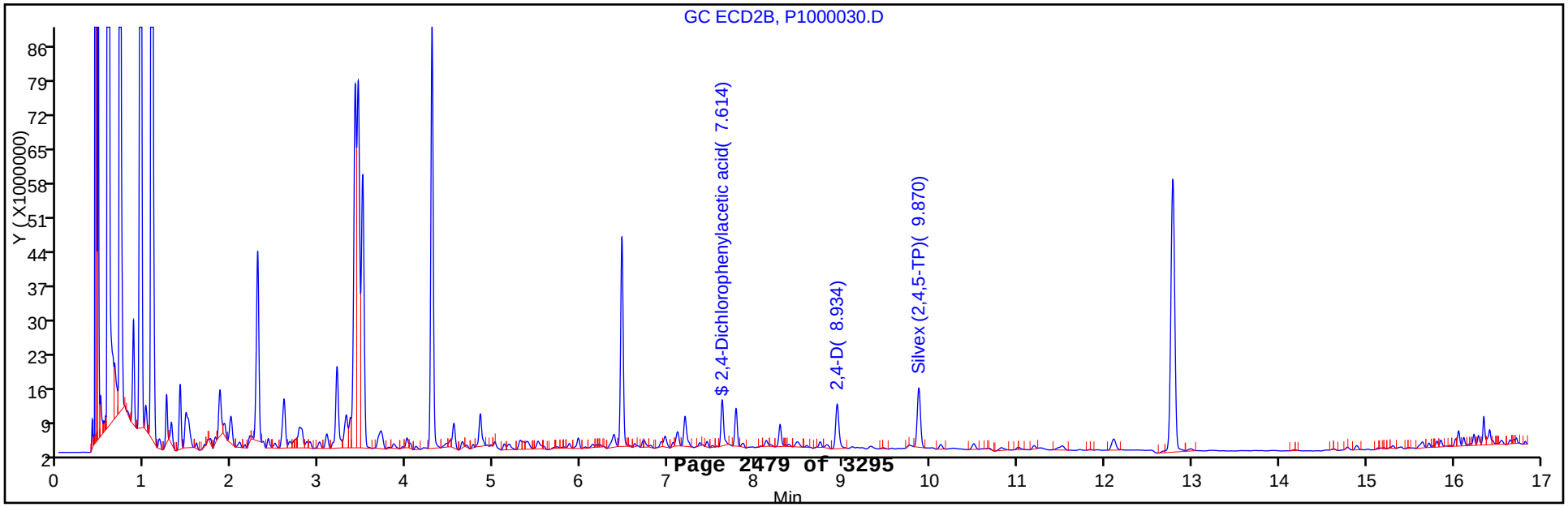
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000030.D

Injection Date:	01-Jan-2013 00:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	30
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0058-0001-IDW MS | Lab Sample ID: 240-18735-5 MS

Matrix: Solid (TCLP) | Lab File ID: P1000030.D

Analysis Method: 8151/DOD | Date Collected: 12/12/2012 13:30

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 00:41

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.: 70766 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.0148	J	0.25	0.00025	0.00021
93-72-1	Silvex (2,4,5-TP)	0.00429	J	0.050	0.00010	0.00010

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	76		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000030.D		
Lims ID:	240-18735-C-5-M MS	Client ID:	
Inject. Date:	01-Jan-2013 00:41:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016320-030		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	70766	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 4 2,4-Dichlorophenylacetic acid						
1	6.966	6.961	0.005	20883461	0.1401	
2	7.614	7.613	0.001	9479431	0.1527	
					RPD = 8.61	
2 2,4-D						
1	8.183	8.185	-0.002	24613903	0.1635	
2	8.934	8.933	0.001	9190180	0.1482	
					RPD = 9.81	
11 Pentachlorophenol						1
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						
1	9.058	9.060	-0.002	30365815	0.0398	
2	9.870	9.869	0.001	12193616	0.0429	
					RPD = 7.68	
1 2,4,5-T						
1		9.376				
2		10.347				

QC Flag Legend

Processing Flags
1 - Missing Peaks

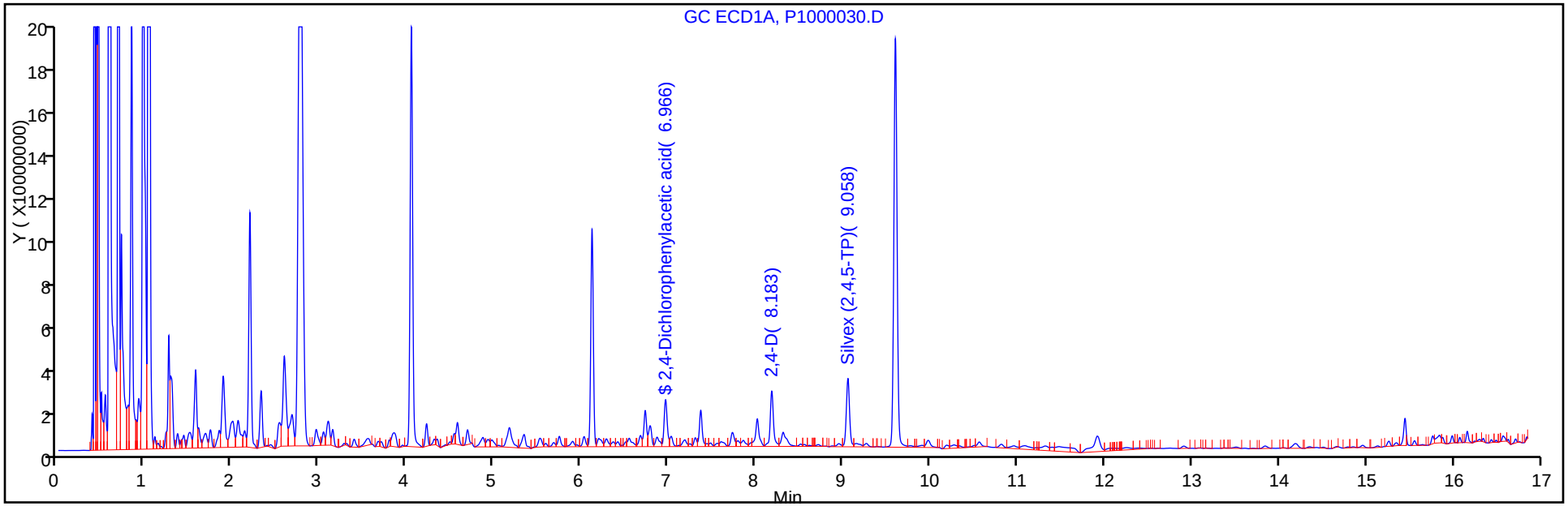
Report Date: 07-Jan-2013 13:46:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

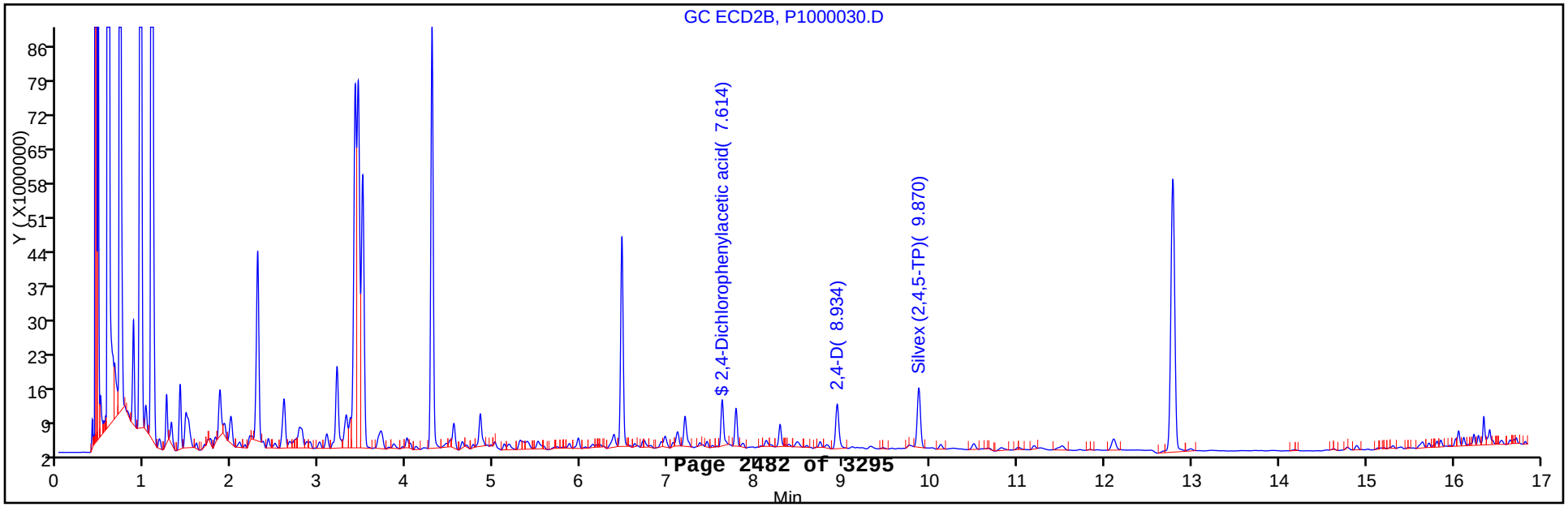
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000030.D

Injection Date:	01-Jan-2013 00:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	30
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP1 Start Date: 09/18/2012 10:33

Analysis Batch Number: 58097 End Date: 09/18/2012 15:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD 240-58097/3 IC		09/18/2012 10:33	1		CLP-1 0.53(mm)
STD 240-58097/3 IC		09/18/2012 10:33	1		CLP-2 0.53(mm)
STD 240-58097/4 IC		09/18/2012 10:57	1		CLP-1 0.53(mm)
STD 240-58097/4 IC		09/18/2012 10:57	1		CLP-2 0.53(mm)
STD 240-58097/5 ICRT		09/18/2012 11:20	1		CLP-1 0.53(mm)
STD 240-58097/5 ICRT		09/18/2012 11:20	1		CLP-2 0.53(mm)
STD 240-58097/6 IC		09/18/2012 11:44	1		CLP-1 0.53(mm)
STD 240-58097/6 IC		09/18/2012 11:44	1		CLP-2 0.53(mm)
STD 240-58097/7 IC		09/18/2012 12:08	1		CLP-1 0.53(mm)
STD 240-58097/7 IC		09/18/2012 12:08	1		CLP-2 0.53(mm)
STD 240-58097/8 IC		09/18/2012 12:31	1		CLP-1 0.53(mm)
STD 240-58097/8 IC		09/18/2012 12:31	1		CLP-2 0.53(mm)
ICV 240-58097/9		09/18/2012 12:55	1		CLP-1 0.53(mm)
ICV 240-58097/9		09/18/2012 12:55	1		CLP-2 0.53(mm)
STD 240-58097/10 IC		09/18/2012 13:18	1	P1000010.D	CLP-1 0.53(mm)
STD 240-58097/10 IC		09/18/2012 13:18	1	P1000010.D	CLP-2 0.53(mm)
STD 240-58097/11 IC		09/18/2012 13:42	1	P1000011.D	CLP-1 0.53(mm)
STD 240-58097/11 IC		09/18/2012 13:42	1	P1000011.D	CLP-2 0.53(mm)
STD 240-58097/12 IC		09/18/2012 14:06	1	P1000012.D	CLP-1 0.53(mm)
STD 240-58097/12 IC		09/18/2012 14:06	1	P1000012.D	CLP-2 0.53(mm)
STD 240-58097/13 IC		09/18/2012 14:29	1	P1000013.D	CLP-1 0.53(mm)
STD 240-58097/13 IC		09/18/2012 14:29	1	P1000013.D	CLP-2 0.53(mm)
STD 240-58097/14 IC		09/18/2012 14:53	1	P1000014.D	CLP-1 0.53(mm)
STD 240-58097/14 IC		09/18/2012 14:53	1	P1000014.D	CLP-2 0.53(mm)
STD 240-58097/15 IC		09/18/2012 15:16	1	P1000015.D	CLP-1 0.53(mm)
STD 240-58097/15 IC		09/18/2012 15:16	1	P1000015.D	CLP-2 0.53(mm)
ICV 240-58097/16		09/18/2012 15:40	1	P1000016.D	CLP-1 0.53(mm)
ICV 240-58097/16		09/18/2012 15:40	1	P1000016.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP1 Start Date: 12/03/2012 17:53

Analysis Batch Number: 67147 End Date: 12/04/2012 04:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD 240-67147/6 IC		12/03/2012 17:53	1	P1000006.D	CLP-1 0.53(mm)
STD 240-67147/6 IC		12/03/2012 17:53	1	P1000006.D	CLP-2 0.53(mm)
STD 240-67147/7 IC		12/03/2012 18:17	1	P1000007.D	CLP-1 0.53(mm)
STD 240-67147/7 IC		12/03/2012 18:17	1	P1000007.D	CLP-2 0.53(mm)
STD 240-67147/8 ICRT		12/03/2012 18:41	1	P1000008.D	CLP-1 0.53(mm)
STD 240-67147/8 ICRT		12/03/2012 18:41	1	P1000008.D	CLP-2 0.53(mm)
STD 240-67147/9 IC		12/03/2012 19:04	1	P1000009.D	CLP-1 0.53(mm)
STD 240-67147/9 IC		12/03/2012 19:04	1	P1000009.D	CLP-2 0.53(mm)
STD 240-67147/10 IC		12/03/2012 19:28	1	P1000010.D	CLP-1 0.53(mm)
STD 240-67147/10 IC		12/03/2012 19:28	1	P1000010.D	CLP-2 0.53(mm)
STD 240-67147/11 IC		12/03/2012 19:52	1	P1000011.D	CLP-1 0.53(mm)
STD 240-67147/11 IC		12/03/2012 19:52	1	P1000011.D	CLP-2 0.53(mm)
ICV 240-67147/12		12/03/2012 20:15	1	P1000012.D	CLP-1 0.53(mm)
ICV 240-67147/12		12/03/2012 20:15	1	P1000012.D	CLP-2 0.53(mm)
CCV 240-67147/13		12/03/2012 20:39	1		CLP-1 0.53(mm)
CCV 240-67147/13		12/03/2012 20:39	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 21:03	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 21:03	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 21:26	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 21:26	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 21:50	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 21:50	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 22:14	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 22:14	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 22:38	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 22:38	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 23:01	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 23:01	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 23:25	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 23:25	1		CLP-2 0.53(mm)
ZZZZZ		12/03/2012 23:49	1		CLP-1 0.53(mm)
ZZZZZ		12/03/2012 23:49	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 00:12	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 00:12	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 00:36	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 00:36	1		CLP-2 0.53(mm)
CCV 240-67147/24		12/04/2012 01:00	1		CLP-1 0.53(mm)
CCV 240-67147/24		12/04/2012 01:00	1		CLP-2 0.53(mm)
CCV 240-67147/25		12/04/2012 01:24	1		CLP-1 0.53(mm)
CCV 240-67147/25		12/04/2012 01:24	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 01:47	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 01:47	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 02:11	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 02:11	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 02:35	1		CLP-1 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP1 Start Date: 12/03/2012 17:53

Analysis Batch Number: 67147 End Date: 12/04/2012 04:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/04/2012 02:35	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 02:58	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 02:58	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 03:22	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 03:22	1		CLP-2 0.53(mm)
CCV 240-67147/31		12/04/2012 03:46	1		CLP-1 0.53(mm)
CCV 240-67147/31		12/04/2012 03:46	1		CLP-2 0.53(mm)
CCV 240-67147/32		12/04/2012 04:10	1		CLP-1 0.53(mm)
CCV 240-67147/32		12/04/2012 04:10	1		CLP-2 0.53(mm)
ZZZZZ		12/04/2012 04:33	1		CLP-1 0.53(mm)
ZZZZZ		12/04/2012 04:33	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP1 Start Date: 12/24/2012 16:29

Analysis Batch Number: 70037 End Date: 12/25/2012 03:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-70037/5 CCVRT		12/24/2012 16:29	1	P1000005.D	CLP-1 0.53(mm)
CCV 240-70037/5 CCVRT		12/24/2012 16:29	1	P1000005.D	CLP-2 0.53(mm)
CCV 240-70037/6		12/24/2012 16:52	1	P1000006.D	CLP-1 0.53(mm)
CCV 240-70037/6		12/24/2012 16:52	1	P1000006.D	CLP-2 0.53(mm)
MRL 240-70037/7		12/24/2012 17:16	1	P1000007.D	CLP-1 0.53(mm)
MRL 240-70037/7		12/24/2012 17:16	1	P1000007.D	CLP-2 0.53(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/24/2012 17:40	1	P1000008.D	CLP-1 0.53(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/24/2012 17:40	1	P1000008.D	CLP-2 0.53(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/24/2012 18:03	1	P1000009.D	CLP-1 0.53(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/24/2012 18:03	1	P1000009.D	CLP-2 0.53(mm)
MB 240-69372/21-A		12/24/2012 21:11	1	P1000017.D	CLP-1 0.53(mm)
MB 240-69372/21-A		12/24/2012 21:11	1	P1000017.D	CLP-2 0.53(mm)
CCV 240-70037/18		12/24/2012 21:35	1	P1000018.D	CLP-1 0.53(mm)
CCV 240-70037/18		12/24/2012 21:35	1	P1000018.D	CLP-2 0.53(mm)
CCV 240-70037/19		12/24/2012 21:59	1	P1000019.D	CLP-1 0.53(mm)
CCV 240-70037/19		12/24/2012 21:59	1	P1000019.D	CLP-2 0.53(mm)
LCS 240-69372/22-A		12/25/2012 01:53	1	P1000029.D	CLP-1 0.53(mm)
LCS 240-69372/22-A		12/25/2012 01:53	1	P1000029.D	CLP-2 0.53(mm)
CCV 240-70037/30		12/25/2012 02:17	1	P1000030.D	CLP-1 0.53(mm)
CCV 240-70037/30		12/25/2012 02:17	1	P1000030.D	CLP-2 0.53(mm)
CCV 240-70037/31		12/25/2012 02:40	1	P1000031.D	CLP-1 0.53(mm)
CCV 240-70037/31		12/25/2012 02:40	1	P1000031.D	CLP-2 0.53(mm)
MRL 240-70037/32		12/25/2012 03:04	1	P1000032.D	CLP-1 0.53(mm)
MRL 240-70037/32		12/25/2012 03:04	1	P1000032.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP1 Start Date: 12/31/2012 14:53

Analysis Batch Number: 70766 End Date: 01/01/2013 05:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD 240-70766/5 IC		12/31/2012 14:53	1	P1000005.D	CLP-1 0.53(mm)
STD 240-70766/5 IC		12/31/2012 14:53	1	P1000005.D	CLP-2 0.53(mm)
STD 240-70766/6 IC		12/31/2012 15:16	1	P1000006.D	CLP-1 0.53(mm)
STD 240-70766/6 IC		12/31/2012 15:16	1	P1000006.D	CLP-2 0.53(mm)
STD 240-70766/7 IC		12/31/2012 15:40	1	P1000007.D	CLP-1 0.53(mm)
STD 240-70766/7 IC		12/31/2012 15:40	1	P1000007.D	CLP-2 0.53(mm)
STD 240-70766/8 IC		12/31/2012 16:03	1	P1000008.D	CLP-1 0.53(mm)
STD 240-70766/8 IC		12/31/2012 16:03	1	P1000008.D	CLP-2 0.53(mm)
STD 240-70766/9 IC		12/31/2012 16:27	1	P1000009.D	CLP-1 0.53(mm)
STD 240-70766/9 IC		12/31/2012 16:27	1	P1000009.D	CLP-2 0.53(mm)
STD 240-70766/10 IC		12/31/2012 16:50	1	P1000010.D	CLP-1 0.53(mm)
STD 240-70766/10 IC		12/31/2012 16:50	1	P1000010.D	CLP-2 0.53(mm)
ICV 240-70766/11		12/31/2012 17:14	1	P1000011.D	CLP-1 0.53(mm)
ICV 240-70766/11		12/31/2012 17:14	1	P1000011.D	CLP-2 0.53(mm)
CCV 240-70766/12 CCVRT		12/31/2012 17:37	1	P1000012.D	CLP-1 0.53(mm)
CCV 240-70766/12 CCVRT		12/31/2012 17:37	1	P1000012.D	CLP-2 0.53(mm)
CCV 240-70766/21		12/31/2012 21:09	1	P1000021.D	CLP-1 0.53(mm)
CCV 240-70766/21		12/31/2012 21:09	1	P1000021.D	CLP-2 0.53(mm)
CCV 240-70766/22		12/31/2012 21:33	1	P1000022.D	CLP-1 0.53(mm)
CCV 240-70766/22		12/31/2012 21:33	1	P1000022.D	CLP-2 0.53(mm)
MRL 240-70766/23		12/31/2012 21:56	1	P1000023.D	CLP-1 0.53(mm)
MRL 240-70766/23		12/31/2012 21:56	1	P1000023.D	CLP-2 0.53(mm)
240-18735-5	070-0058-0001-IDW	01/01/2013 00:17	1	P1000029.D	CLP-1 0.53(mm)
240-18735-5	070-0058-0001-IDW	01/01/2013 00:17	1	P1000029.D	CLP-2 0.53(mm)
240-18735-5 MS	070-0058-0001-IDW MS	01/01/2013 00:41	1	P1000030.D	CLP-1 0.53(mm)
240-18735-5 MS	070-0058-0001-IDW MS	01/01/2013 00:41	1	P1000030.D	CLP-2 0.53(mm)
240-18735-6	070-0059-0001-IDW	01/01/2013 01:04	1	P1000031.D	CLP-1 0.53(mm)
240-18735-6	070-0059-0001-IDW	01/01/2013 01:04	1	P1000031.D	CLP-2 0.53(mm)
MB 240-70010/4-A		01/01/2013 01:27	1	P1000032.D	CLP-1 0.53(mm)
MB 240-70010/4-A		01/01/2013 01:27	1	P1000032.D	CLP-2 0.53(mm)
LCS 240-70010/5-A		01/01/2013 01:51	1	P1000033.D	CLP-1 0.53(mm)
LCS 240-70010/5-A		01/01/2013 01:51	1	P1000033.D	CLP-2 0.53(mm)
CCV 240-70766/34		01/01/2013 02:14	1	P1000034.D	CLP-1 0.53(mm)
CCV 240-70766/34		01/01/2013 02:14	1	P1000034.D	CLP-2 0.53(mm)
CCV 240-70766/35		01/01/2013 02:38	1	P1000035.D	CLP-1 0.53(mm)
CCV 240-70766/35		01/01/2013 02:38	1	P1000035.D	CLP-2 0.53(mm)
MRL 240-70766/42		01/01/2013 05:22	1	P1000042.D	CLP-1 0.53(mm)
MRL 240-70766/42		01/01/2013 05:22	1	P1000042.D	CLP-2 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69294 Batch Start Date: 12/18/12 19:10 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 12/19/12 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXTCLPACETIC 00005	EXTCLPFILTERS 00012	EXTCLPHCLW 00018	EXTCLPNAOH 00010	AnalysisComment	
240-18735-C-5	070-0058-0001-ID W	1311, 8151A, 8151/DOD	P	1 mL	1	1 mL	1 g	DOD - MS/MSD for Metals, MS for Herb	
240-18735-F-6	070-0059-0001-ID W	1311, 8151A, 8151/DOD	P	1 mL	1	1 mL	1 g	DOD - MS for Pest, MS for BNAs	

Batch Notes	
Tumbler Rotations per Minute	A, B, C = 31rpm

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69372 Batch Start Date: 12/19/12 09:51 Batch Analyst: Earle, Steve

Batch Method: 8151A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FirstAdjustpH	SecondAdjustpH	FinalAmount	EXHEASPIKEW 00007
240-18735-L-3	070-0056-0001-SO URCE WATER	8151A, 8151/DOD	T	7 SU	500 mL	12	2	100 mL	
240-18735-J-4	070-0057-0001-SO URCE WATER	8151A, 8151/DOD	T	7 SU	500 mL	12	2	100 mL	
MB 240-69372/21		8151A, 8151/DOD		7 SU	500 mL	12	2	100 mL	
LCS 240-69372/22		8151A, 8151/DOD		7 SU	500 mL	12	2	100 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXHERBSURR 00012					
240-18735-L-3	070-0056-0001-SO URCE WATER	8151A, 8151/DOD	T	1 mL					
240-18735-J-4	070-0057-0001-SO URCE WATER	8151A, 8151/DOD	T	1 mL					
MB 240-69372/21		8151A, 8151/DOD		1 mL					
LCS 240-69372/22		8151A, 8151/DOD		1 mL					

Batch Notes	
Diethyl Ether Lot #	693500
Sulfuric Acid Lot Number	711898
Hexane Lot#	671338
MeCL2 Lot #	797357
Na2SO4, Acidified Lot #	677451
NaCL Lot #	294619
NaOH Lot #	711885
Silica Gel Lot Number	001550
TMSDM Lot #	347067

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 70010 Batch Start Date: 12/24/12 10:38 Batch Analyst: Matthews, Brandon

Batch Method: 8151A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FirstAdjustpH	SecondAdjustpH	FinalAmount	EXHERBTSPIKEW 00007
240-18735-C-5-B	070-0058-0001-IDW	8151A, 8151/DOD	P	5 SU	100 mL	12	2	10 mL	
240-18735-C-5-B MS	070-0058-0001-IDW	8151A, 8151/DOD	P	5 SU	100 mL	12	2	10 mL	1 mL
240-18735-F-6-B	070-0059-0001-IDW	8151A, 8151/DOD	P	8 SU	100 mL	12	2	10 mL	
MB 240-70010/4		8151A, 8151/DOD		5 SU	100 mL	12	2	10 mL	
LCS 240-70010/5		8151A, 8151/DOD		5 SU	100 mL	12	2	10 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXTCLPHERBSUR 00012					
240-18735-C-5-B	070-0058-0001-IDW	8151A, 8151/DOD	P	1 mL					
240-18735-C-5-B MS	070-0058-0001-IDW	8151A, 8151/DOD	P	1 mL					
240-18735-F-6-B	070-0059-0001-IDW	8151A, 8151/DOD	P	1 mL					
MB 240-70010/4		8151A, 8151/DOD		1 mL					
LCS 240-70010/5		8151A, 8151/DOD		1 mL					

Batch Notes	
Diethyl Ether Lot #	693501
Sulfuric Acid Lot Number	711901
Hexane Lot#	804965
MeCL2 Lot #	797369
Na2SO4, Acidified Lot #	677446
NaCL Lot #	294619
NaOH Lot #	711885
Silica Gel Lot Number	001550
TMSDM Lot #	347067

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 70010 Batch Start Date: 12/24/12 10:38 Batch Analyst: Matthews, Brandon

Batch Method: 8151A Batch End Date:

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330 Nitroguanidine

Nitroguanidine (HPLC) by Method 8330

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: 320-0001969-052-1.d

Lab ID: LCS 320-7807/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	250	255	102	73-117	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab File ID: 320-0001969-050-1.d Lab Sample ID: MB 320-7807/1-A

Matrix: Water Date Extracted: 12/24/2012 12:40

Instrument ID: PDA1 Date Analyzed: 12/27/2012 03:25

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-7807/2-A	320-0001969-052-1.d	12/27/2012 03:54
070-0056-0001-SOURCE WATER	240-18735-3	320-0001969-056-1.d	12/27/2012 04:51
070-0057-0001-SOURCE WATER	240-18735-4	320-0001969-057-1.d	12/27/2012 05:06

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0056-0001-SOURCE Lab Sample ID: 240-18735-3

Matrix: Water Lab File ID: 320-0001969-056-1.d

Analysis Method: 8330 Modified Date Collected: 12/12/2012 13:00

Extraction Method: Filtration Date Extracted: 12/24/2012 12:40

Sample wt/vol: 10(mL) Date Analyzed: 12/27/2012 04:51

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.: 7855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	6.0	U	20	6.0	2.4

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-056-1.d		
Lims ID:	240-18735-Q-3-A	Client ID:	070-0056-0001-SOURCE WATER
Inject. Date:	27-Dec-2012 04:51:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-056 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	56
Detector:	GC 320-0001969-056-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:14:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:15:25

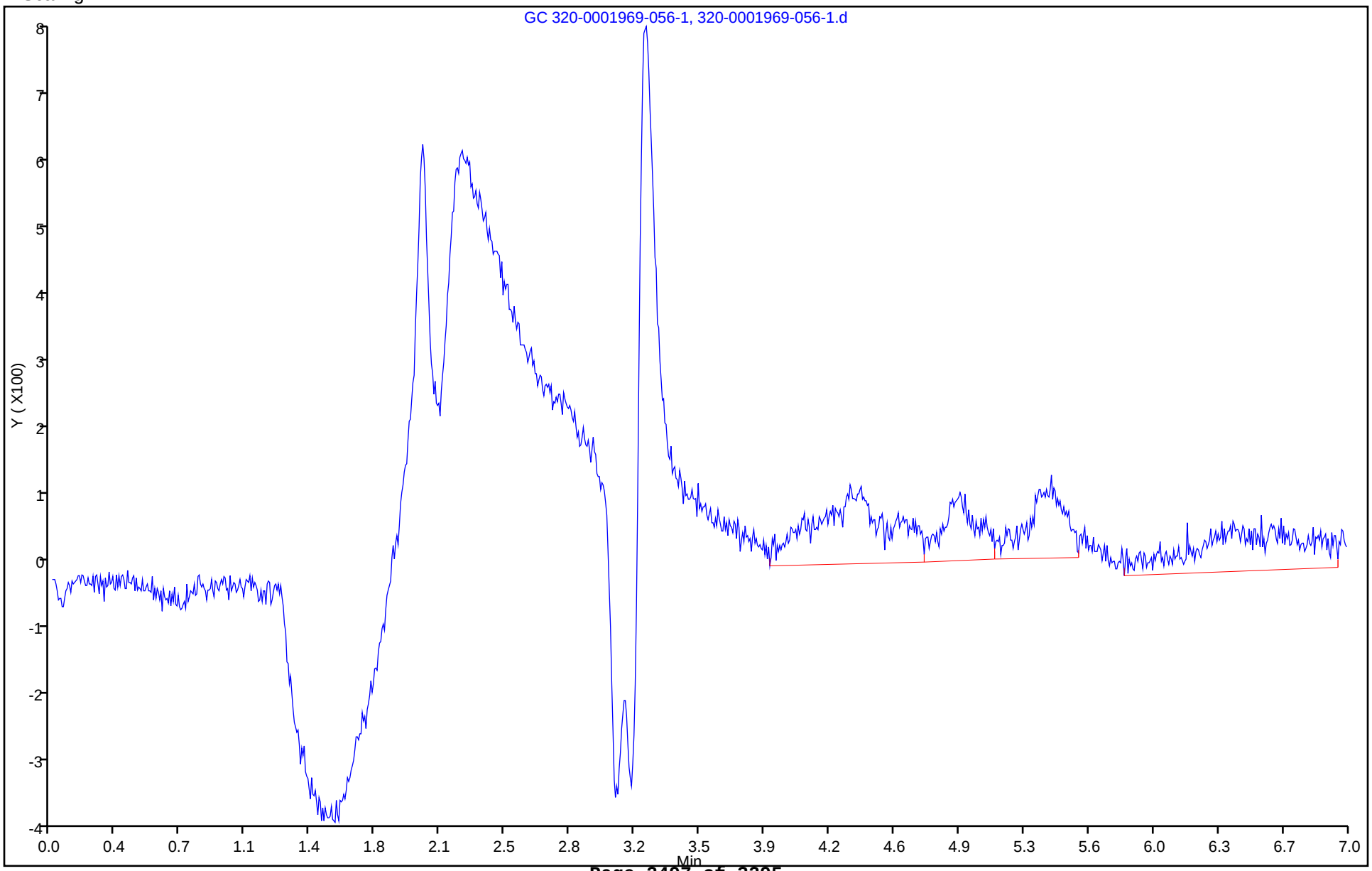
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 09:15:25 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-056-1.d		
Injection Date:	27-Dec-2012 04:51:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	070-0056-0001-SOURCE WATER	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	56
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 Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0057-0001-SOURCE Lab Sample ID: 240-18735-4

Matrix: Water Lab File ID: 320-0001969-057-1.d

Analysis Method: 8330 Modified Date Collected: 12/12/2012 13:15

Extraction Method: Filtration Date Extracted: 12/24/2012 12:40

Sample wt/vol: 10(mL) Date Analyzed: 12/27/2012 05:06

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.: 7855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	6.0	U	20	6.0	2.4

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-057-1.d		
Lims ID:	240-18735-Q-4-A	Client ID:	070-0057-0001-SOURCE WATER
Inject. Date:	27-Dec-2012 05:06:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-057 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	57
Detector:	GC 320-0001969-057-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:09:44	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:12:01

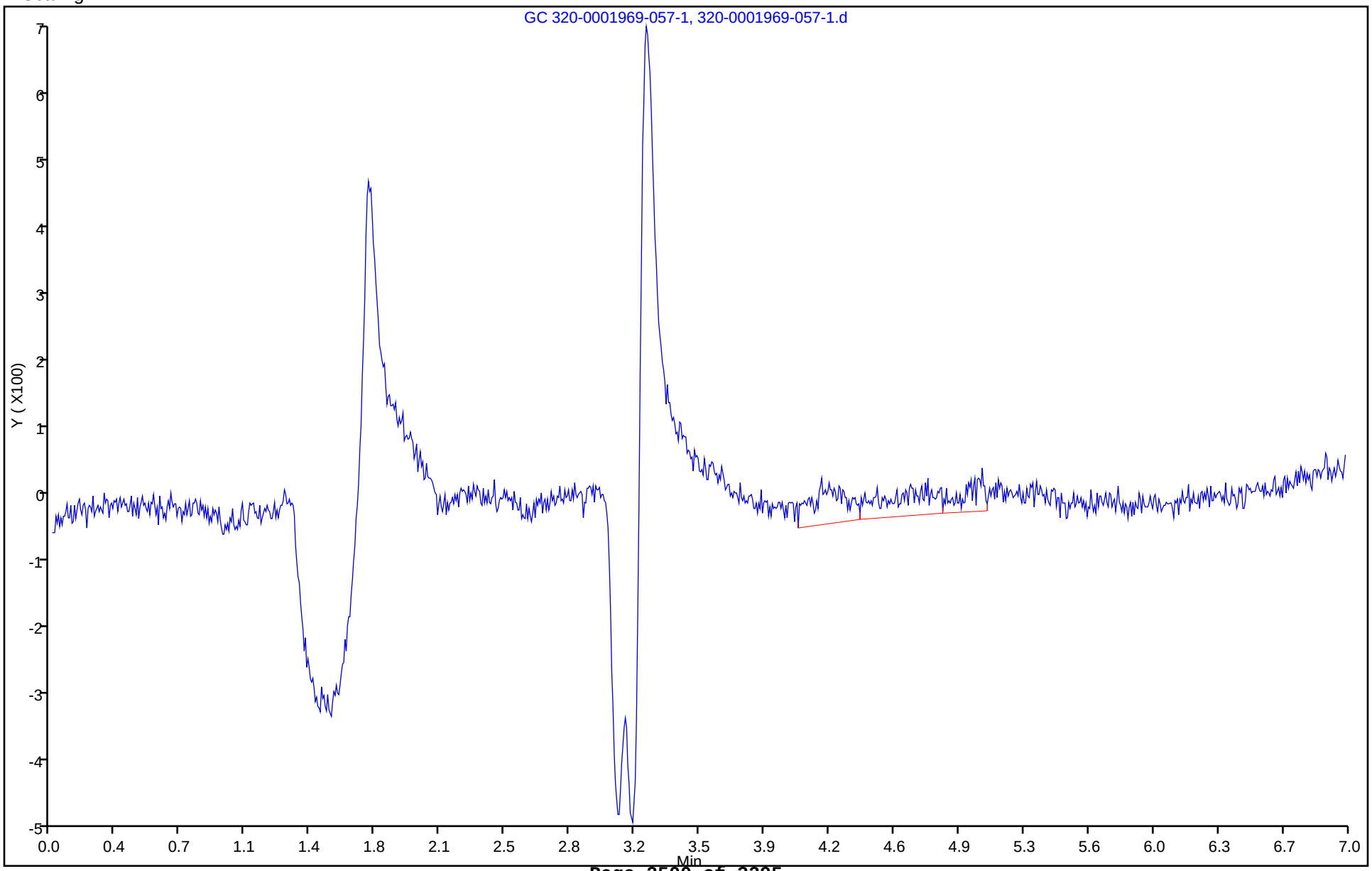
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 09:12:01 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-057-1.d		
Injection Date:	27-Dec-2012 05:06:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	070-0057-0001-SOURCE WATER	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	57
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 Sacramento Job No.: 240-18735-2 Analy Batch No.: 7846

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2012 13:18 Calibration End Date: 12/26/2012 14:30 Calibration ID: 1838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-7846/4	320-0001966-004-1.d
Level 2	STD03 320-7846/5	320-0001966-005-1.d
Level 3	STD04 320-7846/6	320-0001966-006-1.d
Level 4	STD05 320-7846/7	320-0001966-007-1.d
Level 5	STD06 320-7846/8	320-0001966-008-1.d
Level 6	STD07 320-7846/9	320-0001966-009-1.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Nitroguanidine	4.293	4.287	4.273	4.253	4.273	4.273					4.017 - 4.517	4.275

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2 Analy Batch No.: 7846

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2012 13:18 Calibration End Date: 12/26/2012 14:30 Calibration ID: 1838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-7846/4	320-0001966-004-1.d
Level 2	STD03 320-7846/5	320-0001966-005-1.d
Level 3	STD04 320-7846/6	320-0001966-006-1.d
Level 4	STD05 320-7846/7	320-0001966-007-1.d
Level 5	STD06 320-7846/8	320-0001966-008-1.d
Level 6	STD07 320-7846/9	320-0001966-009-1.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	38.050 35.454	36.420 34.641	36.210	36.055	Ave		36.1383333				3.1		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2 Analy Batch No.: 7846

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2012 13:18 Calibration End Date: 12/26/2012 14:30 Calibration ID: 1838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-7846/4	320-0001966-004-1.d
Level 2	STD03 320-7846/5	320-0001966-005-1.d
Level 3	STD04 320-7846/6	320-0001966-006-1.d
Level 4	STD05 320-7846/7	320-0001966-007-1.d
Level 5	STD06 320-7846/8	320-0001966-008-1.d
Level 6	STD07 320-7846/9	320-0001966-009-1.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	761 34641	1821	3621	7211	17727	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\20121226-1966.b\320-0001966-004-1.d		
Lims ID:	std02	Client ID:	
Inject. Date:	26-Dec-2012 13:18:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	320-0001966-004 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-004-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:29	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

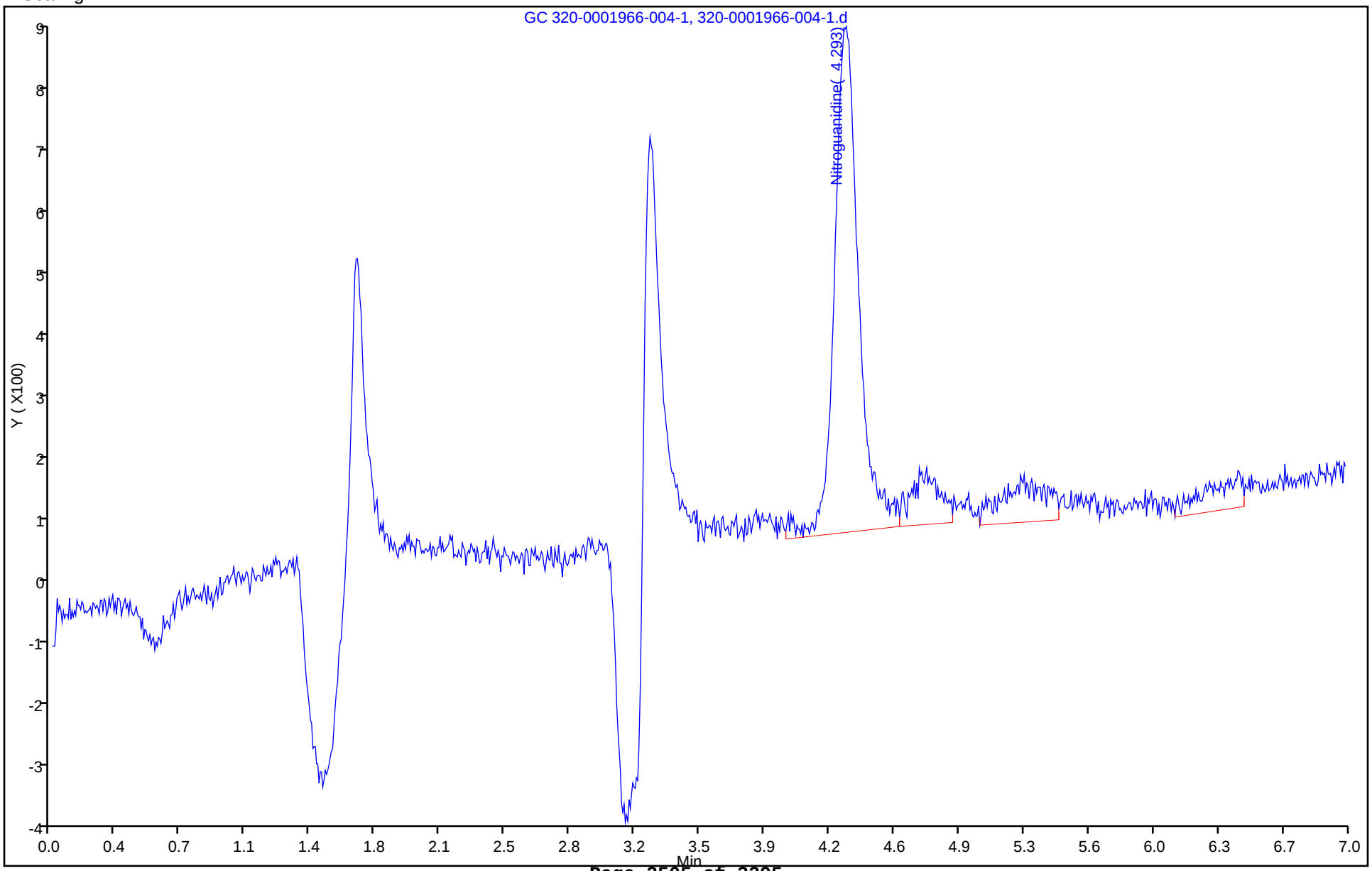
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.293	4.267	0.026	761	21.1	

Report Date: 26-Dec-2012 15:10:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-004-1.d		
Injection Date:	26-Dec-2012 13:18:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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\20121226-1966.b\320-0001966-005-1.d		
Lims ID:	std03	Client ID:	
Inject. Date:	26-Dec-2012 13:32:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	320-0001966-005 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	5
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-005-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

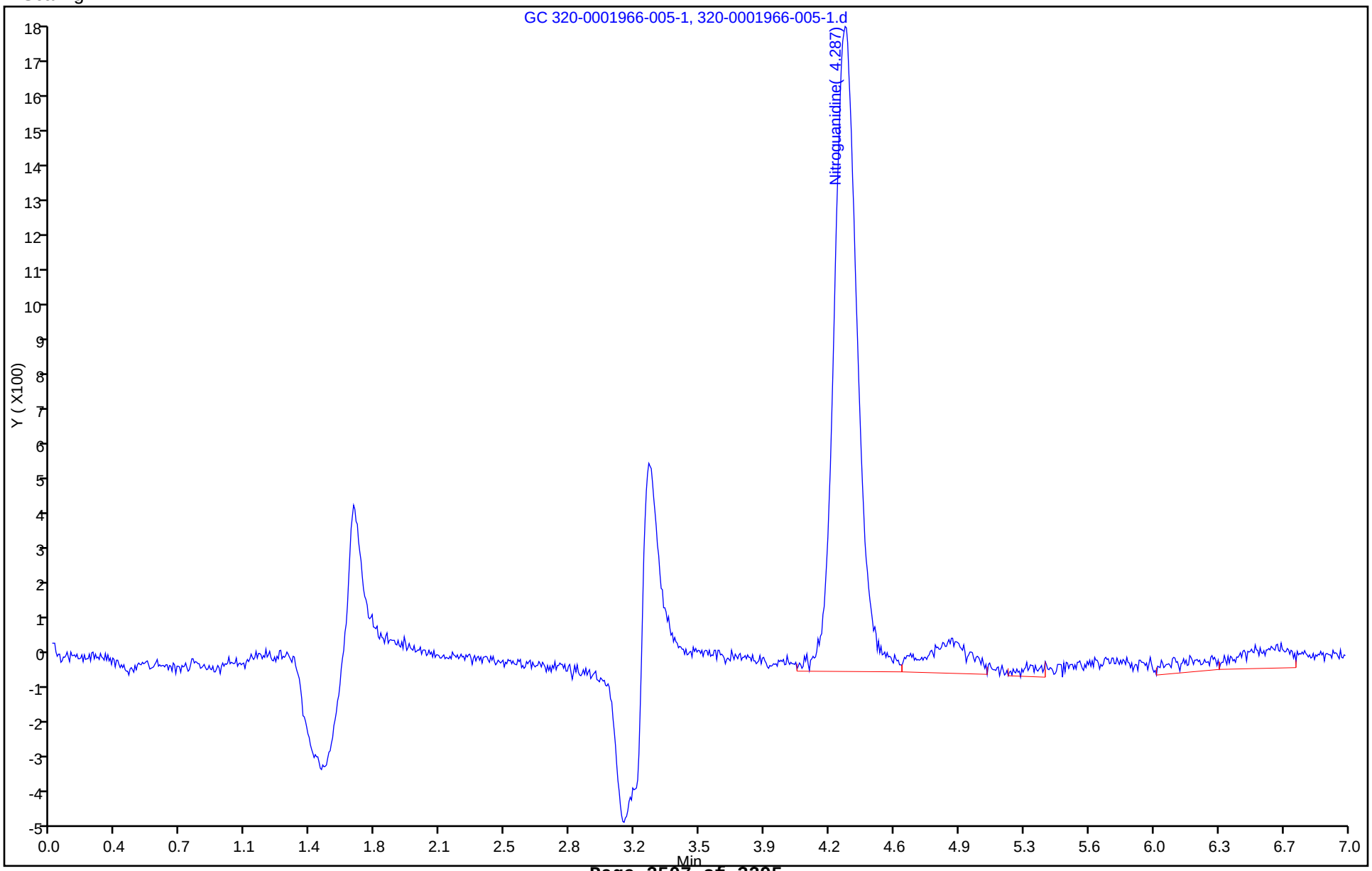
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.287	4.267	0.020	1821	50.4	

Report Date: 26-Dec-2012 15:10:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-005-1.d		
Injection Date:	26-Dec-2012 13:32:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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\20121226-1966.b\320-0001966-006-1.d		
Lims ID:	std04	Client ID:	
Inject. Date:	26-Dec-2012 13:47:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	320-0001966-006 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	6
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-006-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:16:28	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.267	0.006	3621	100.2	

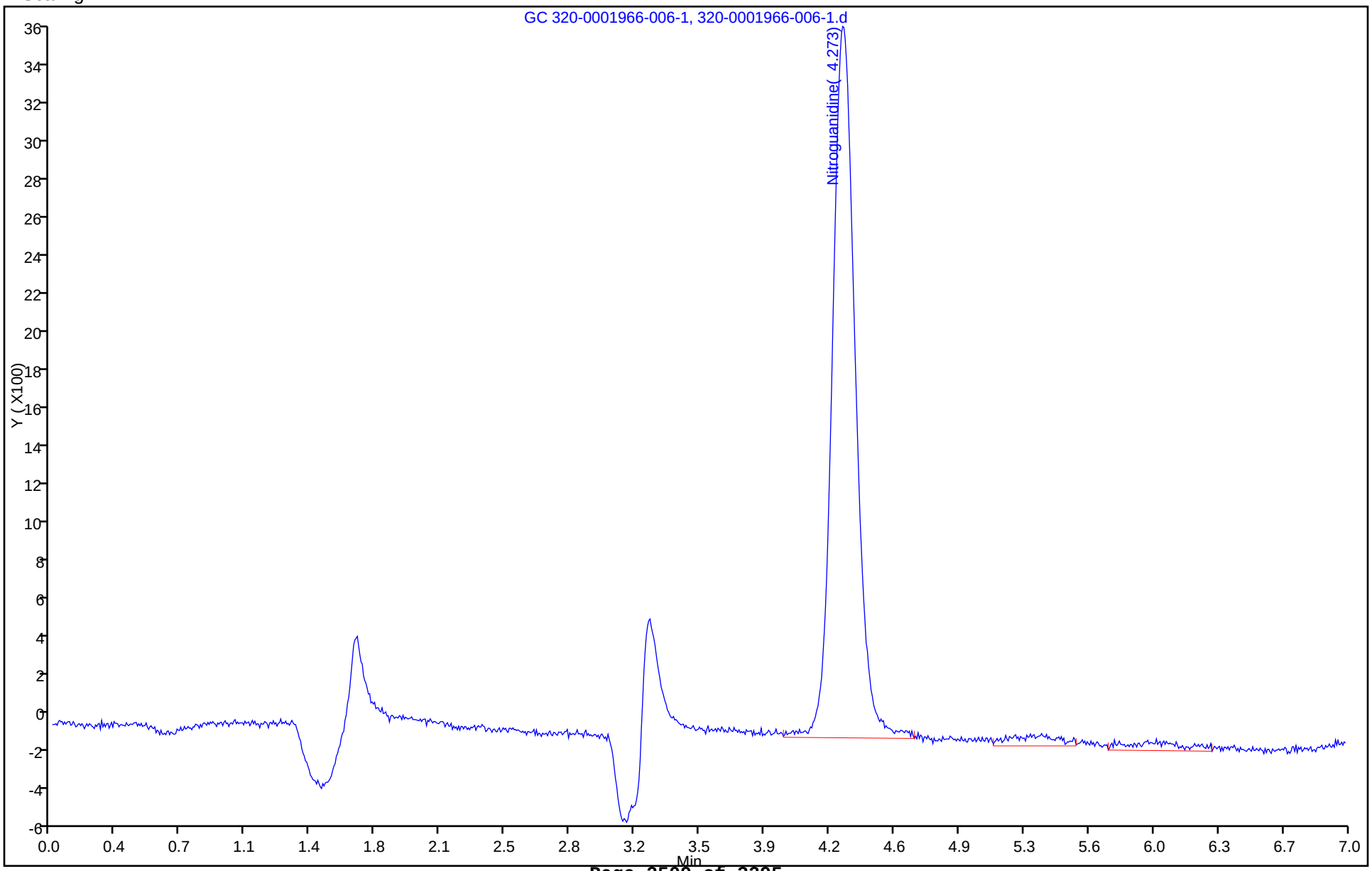
Report Date: 26-Dec-2012 15:16:28 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-006-1.d

Injection Date:	26-Dec-2012 13:47:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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\20121226-1966.b\320-0001966-007-1.d		
Lims ID:	std05	Client ID:	
Inject. Date:	26-Dec-2012 14:01:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	320-0001966-007 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	7
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-007-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

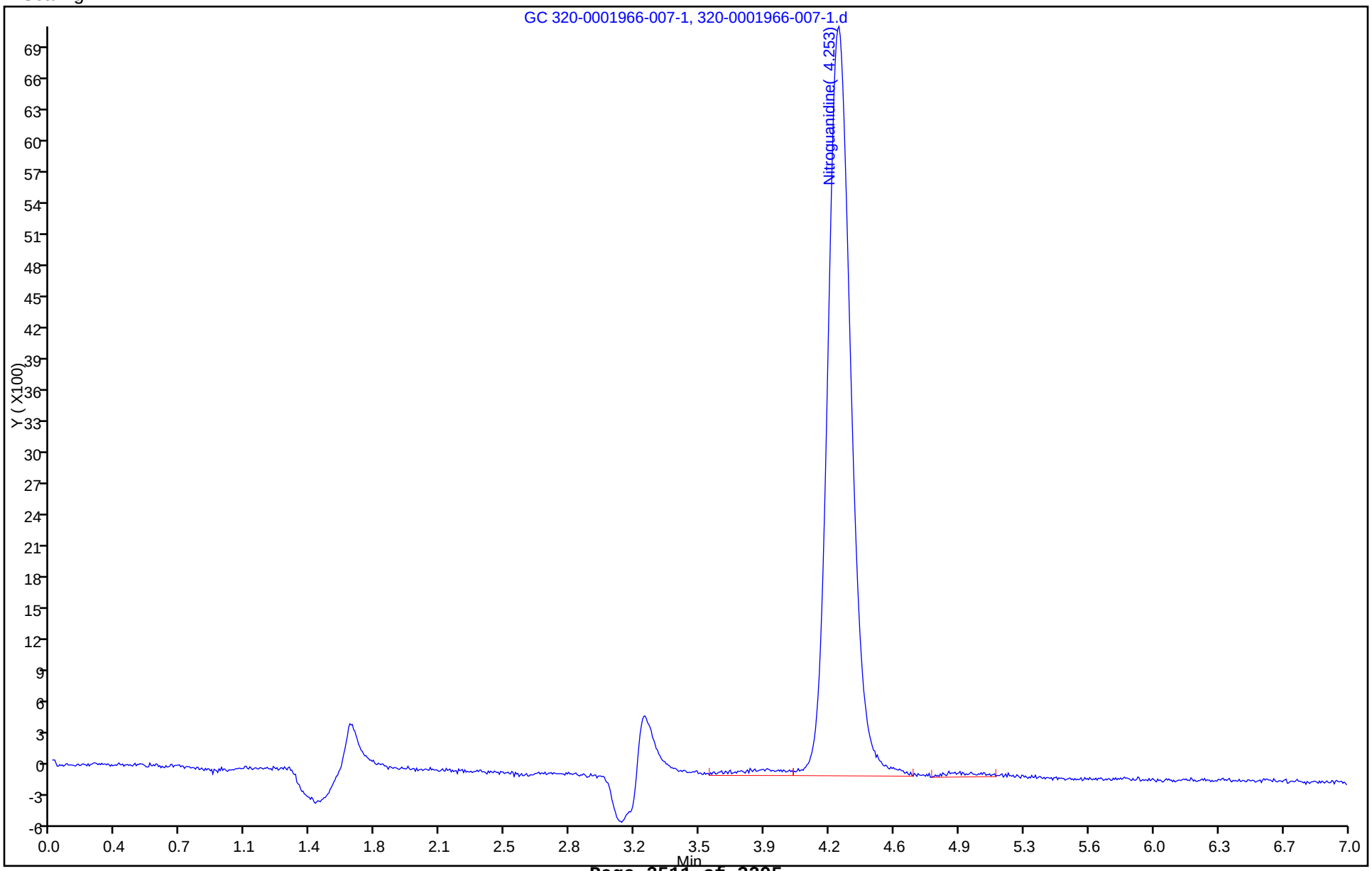
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.253	0.0	7211	199.5	

Report Date: 26-Dec-2012 15:10:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-007-1.d		
Injection Date:	26-Dec-2012 14:01:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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\20121226-1966.b\320-0001966-008-1.d		
Lims ID:	std06	Client ID:	
Inject. Date:	26-Dec-2012 14:15:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	320-0001966-008 Analysis		
Misc. Info.:	none MRL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	8
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-008-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:31	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

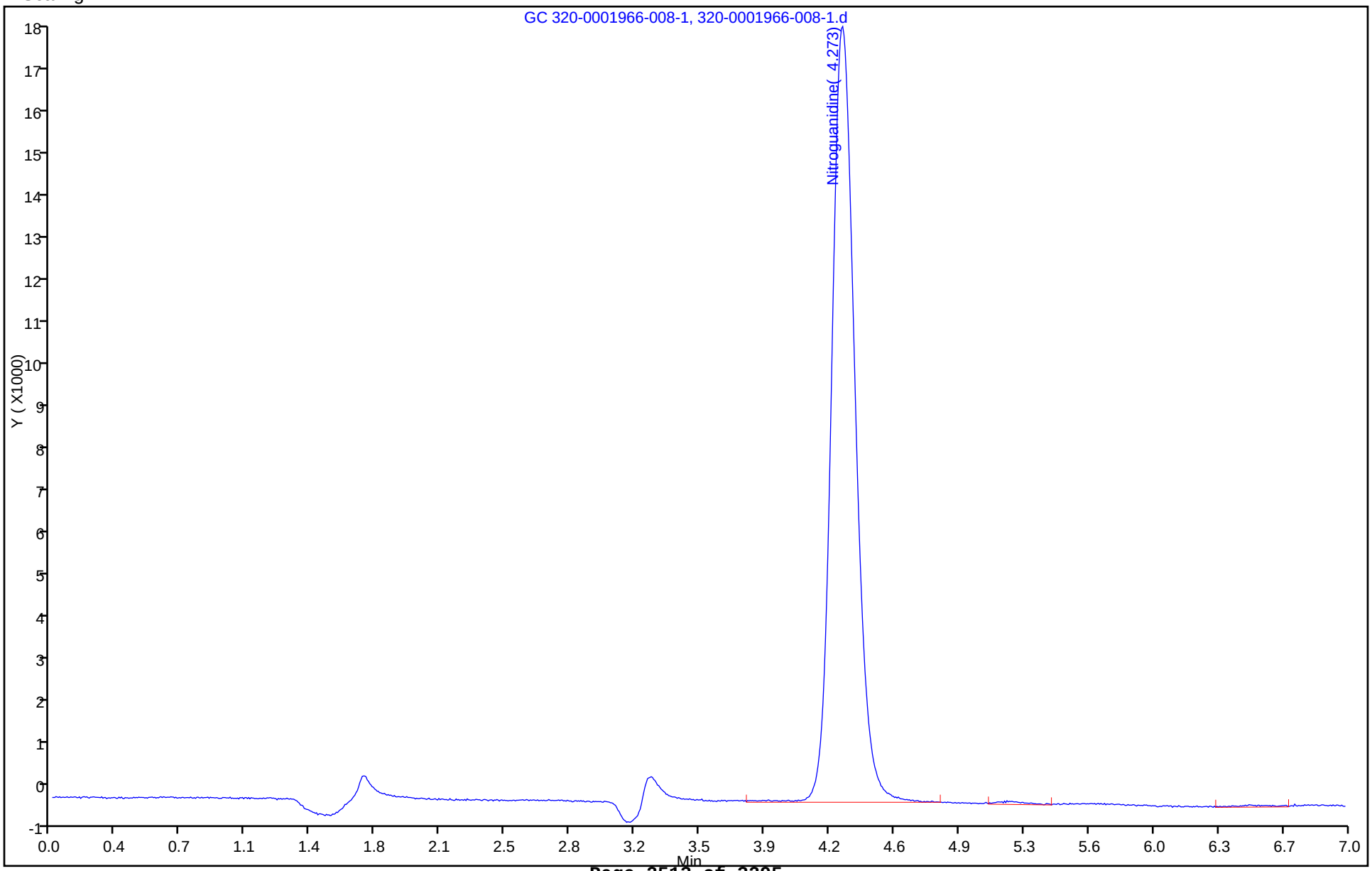
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.253	0.020	17727	490.5	

Report Date: 26-Dec-2012 15:10:31 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-008-1.d		
Injection Date:	26-Dec-2012 14:15:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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\20121226-1966.b\320-0001966-009-1.d		
Lims ID:	std07	Client ID:	
Inject. Date:	26-Dec-2012 14:30:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	320-0001966-009 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	9
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-009-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:31	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.253	0.020	34641	958.6	

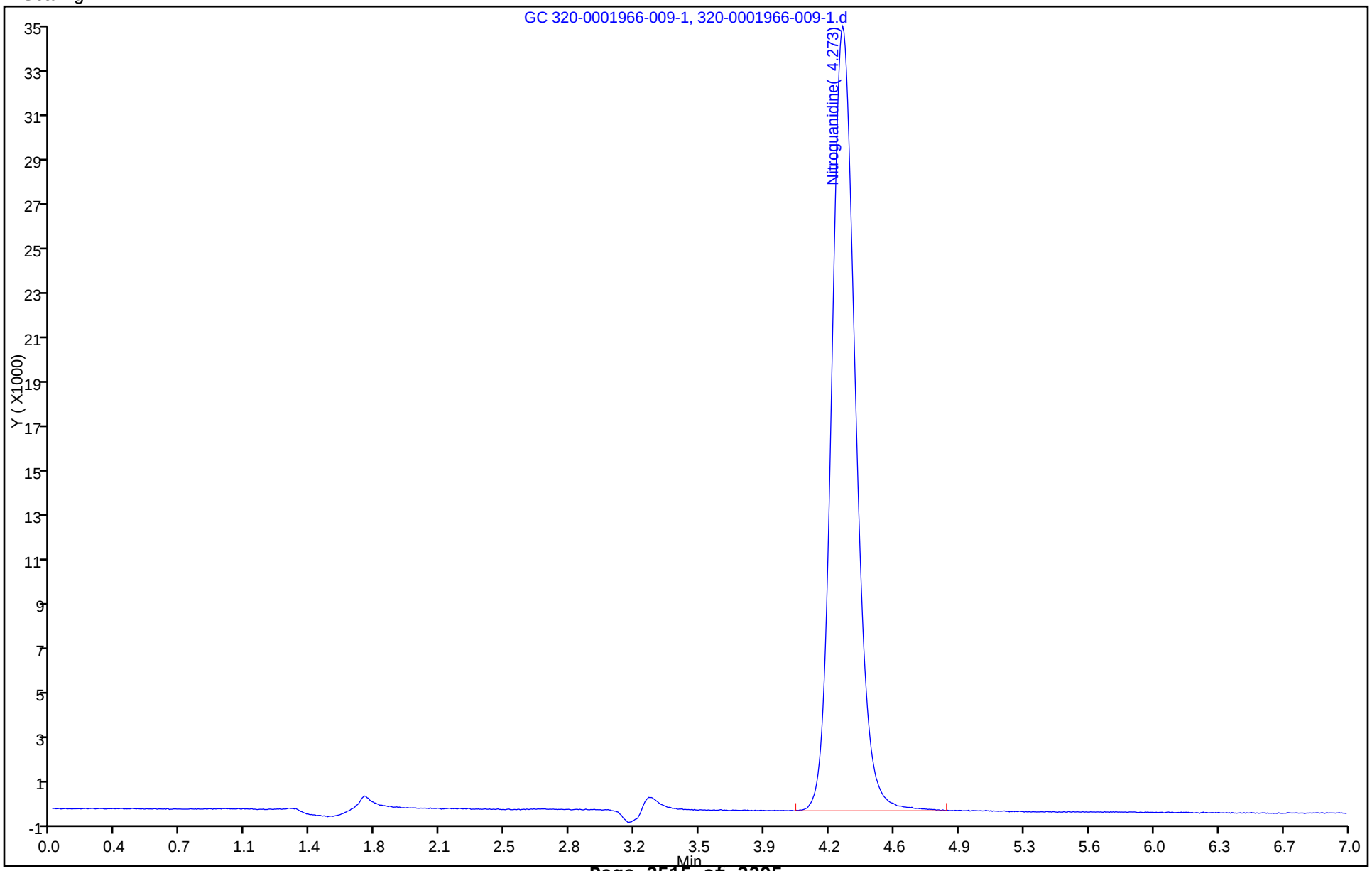
Report Date: 26-Dec-2012 15:10:31 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d

Injection Date:	26-Dec-2012 14:30:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 320-7846/11 Calibration Date: 12/26/2012 14:58

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-011-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	36.45		202	200	0.9	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 320-7846/11 Calibration Date: 12/26/2012 14:58

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-011-1.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\20121226-1966.b\320-0001966-011-1.d		
Lims ID:	icv	Client ID:	
Inject. Date:	26-Dec-2012 14:58:00	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	320-0001966-011 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	11
Sublist:			
Detector:	GC 320-0001966-011-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:16:14	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 15:10:29

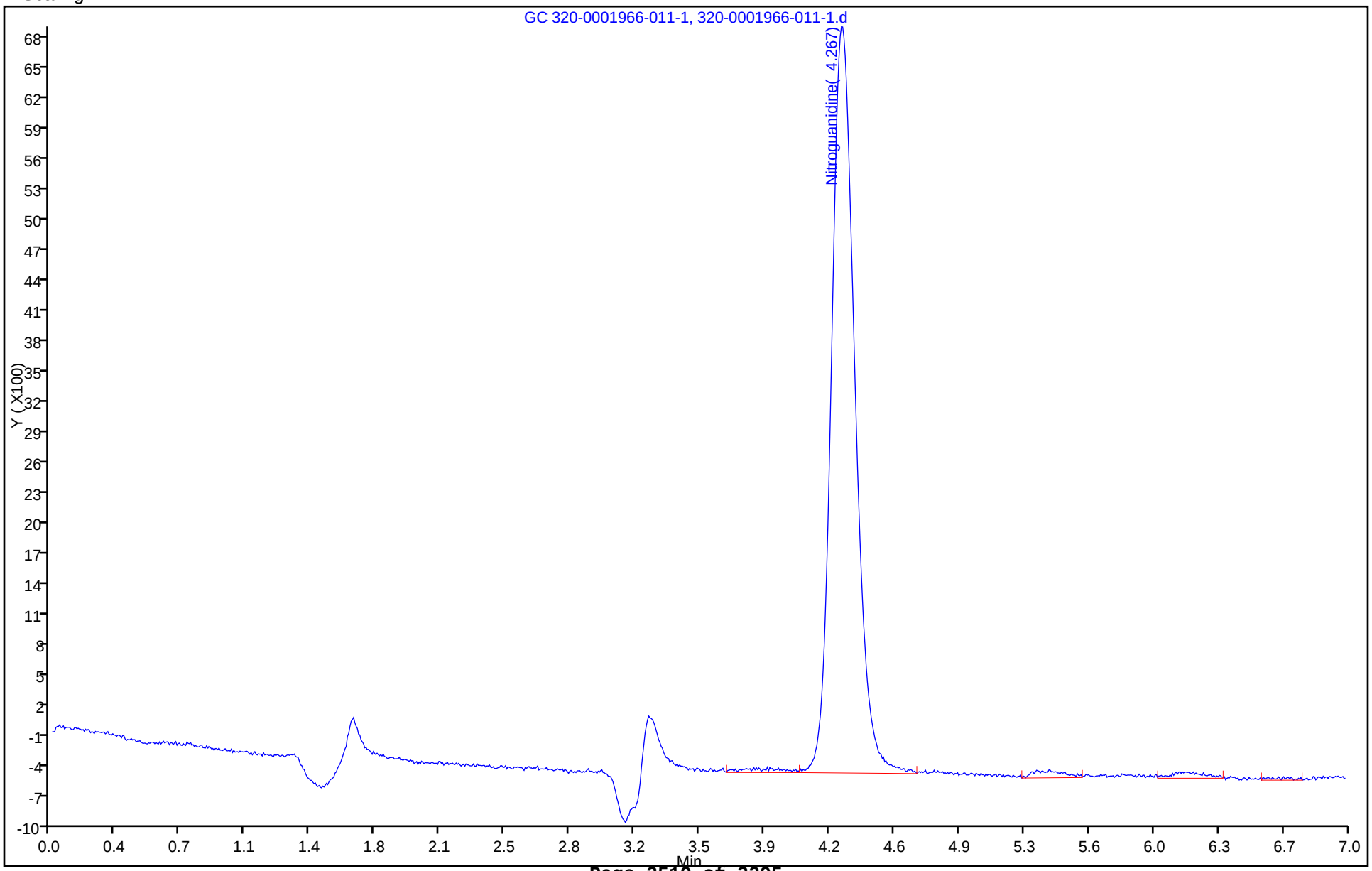
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.267	4.267	0.0	7290	201.7	

Report Date: 26-Dec-2012 15:16:14 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-011-1.d		
Injection Date:	26-Dec-2012 14:58:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: LODV 320-7846/12 Calibration Date: 12/26/2012 15:13

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-012-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	36.40		5.04	5.00	0.7	

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: LODV 320-7846/12 Calibration Date: 12/26/2012 15:13

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-012-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.27	3.98	4.48

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-012-1.d		
Lims ID:	LODV	Client ID:	
Inject. Date:	26-Dec-2012 15:13:00	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	320-0001966-012 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	12
Detector:	GC 320-0001966-012-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:39:48	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 15:39:48

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.267	4.233	0.034	182	5.04	M

QC Flag Legend

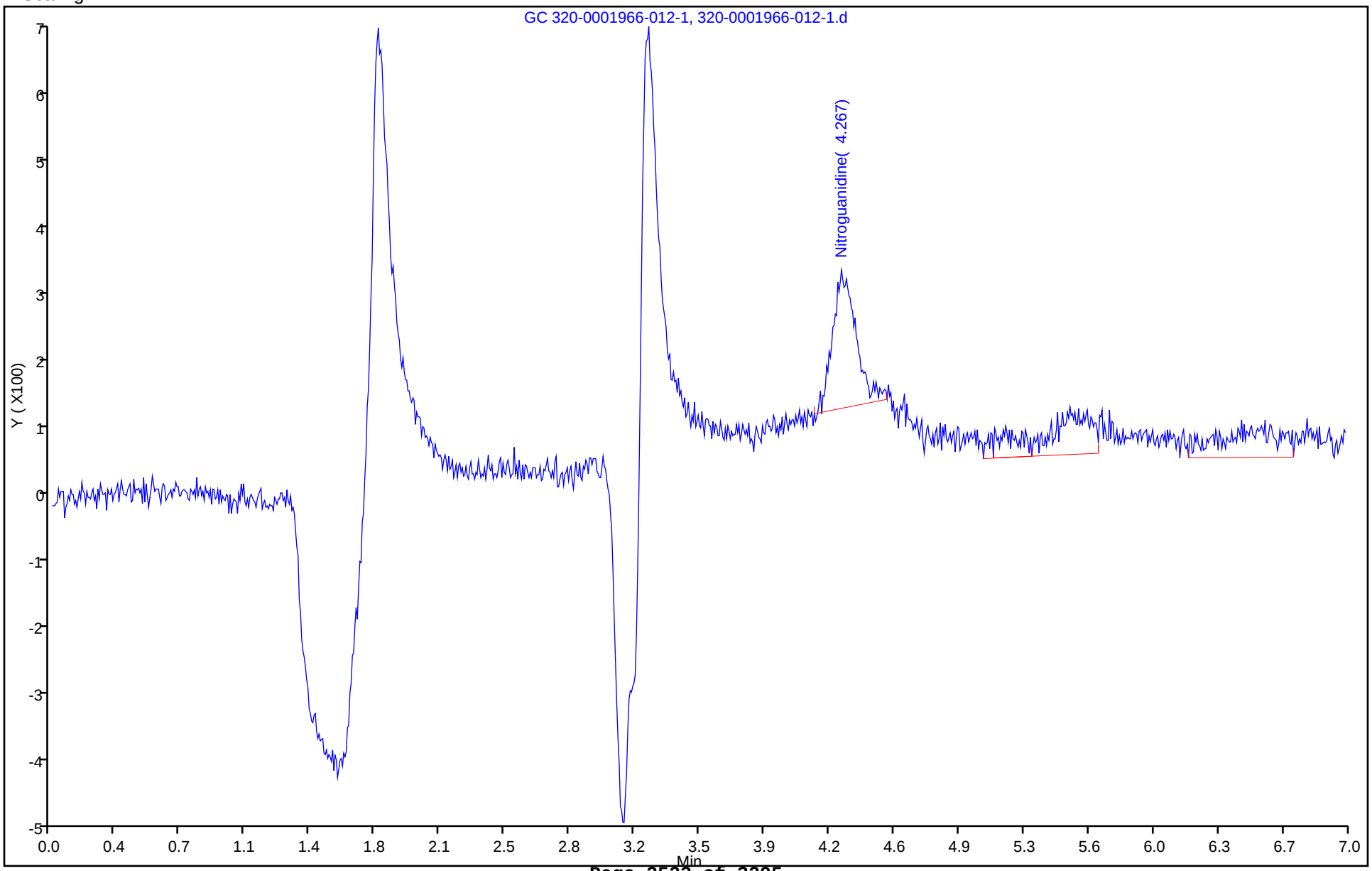
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 15:39:48 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-012-1.d		
Injection Date:	26-Dec-2012 15:13:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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:



Manual Integration/User Assign Peak Report

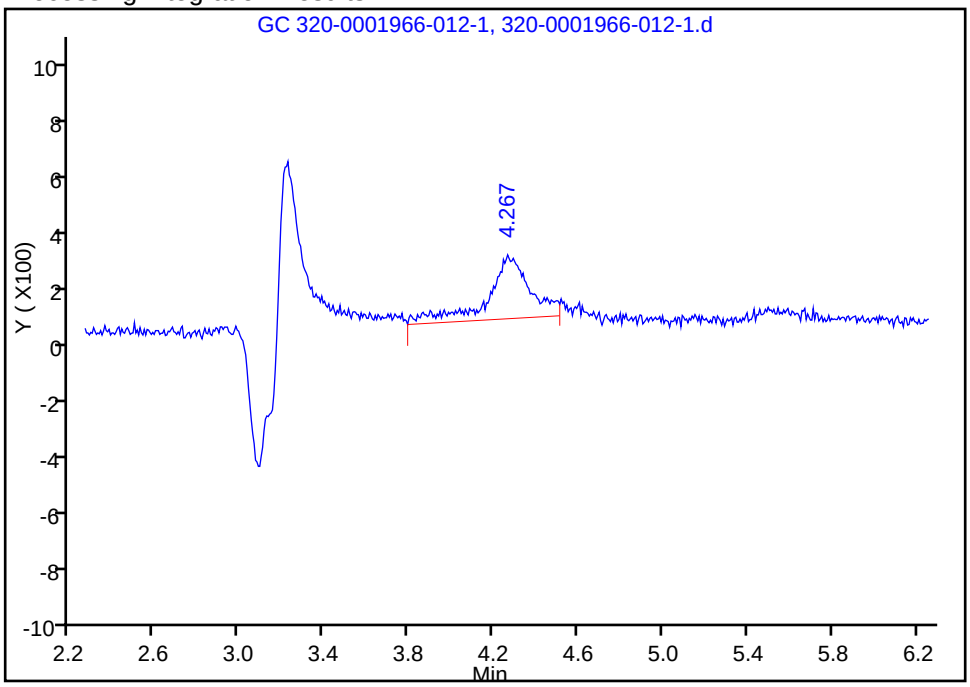
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-012-1.d		
Injection Date:	26-Dec-2012 15:13:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	12
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

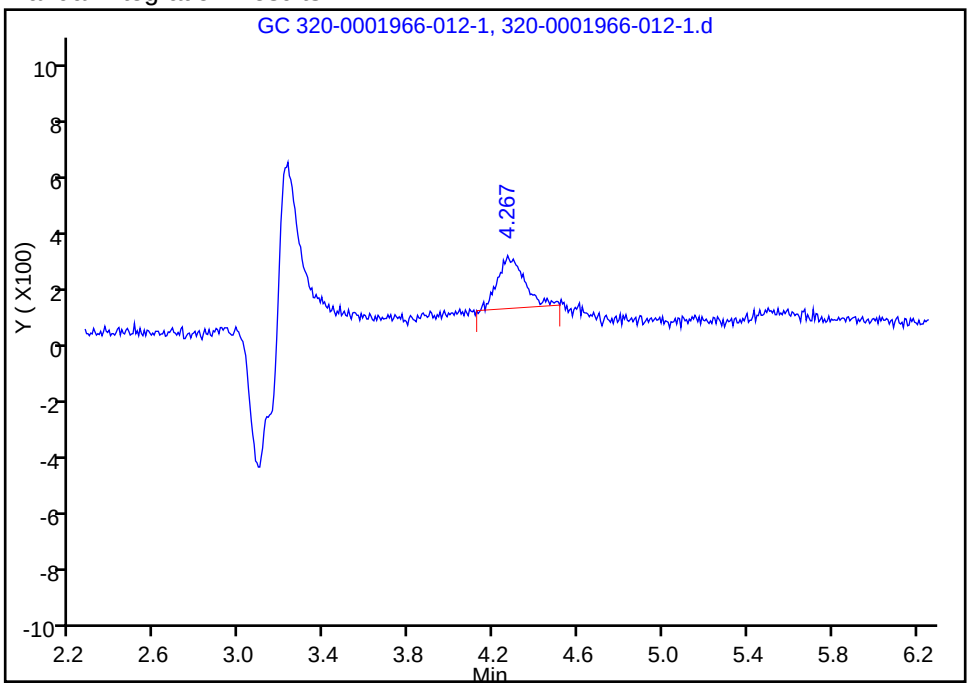
Processing Integration Results

RT: 4.27
Response: 220
Amount: 6.087718



Manual Integration Results

RT: 4.27
Response: 182
Amount: 5.036203



Reviewer: noonanr, 26-Dec-2012 15:39:48
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7846/13 Calibration Date: 12/26/2012 15:27

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-013-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	39.30		21.7	20.0	8.7	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7846/13 Calibration Date: 12/26/2012 15:27

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-013-1.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\20121226-1966.b\320-0001966-013-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	26-Dec-2012 15:27:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001966-013 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	13
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-013-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:40:04	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 15:40:04

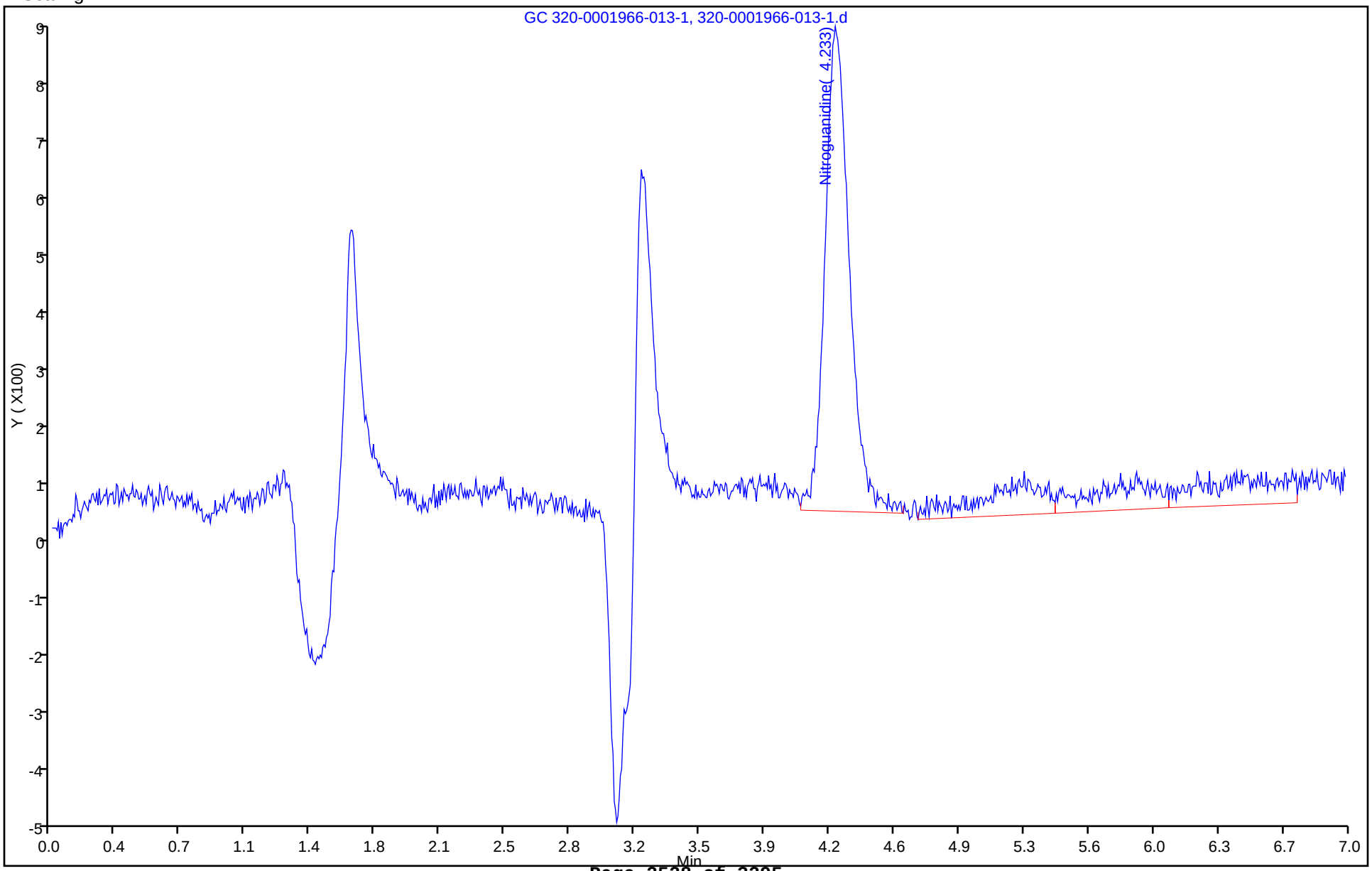
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.233	4.233	0.0	786	21.7	

Report Date: 26-Dec-2012 15:40:05 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-013-1.d		
Injection Date:	26-Dec-2012 15:27:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	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:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7855/42 Calibration Date: 12/27/2012 01:31

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-042-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	37.68		104	100	4.3	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7855/42 Calibration Date: 12/27/2012 01:31

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-042-1.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\20121226-1969.b\320-0001969-042-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	27-Dec-2012 01:31:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-042 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	42
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-042-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:29:36	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:29:36

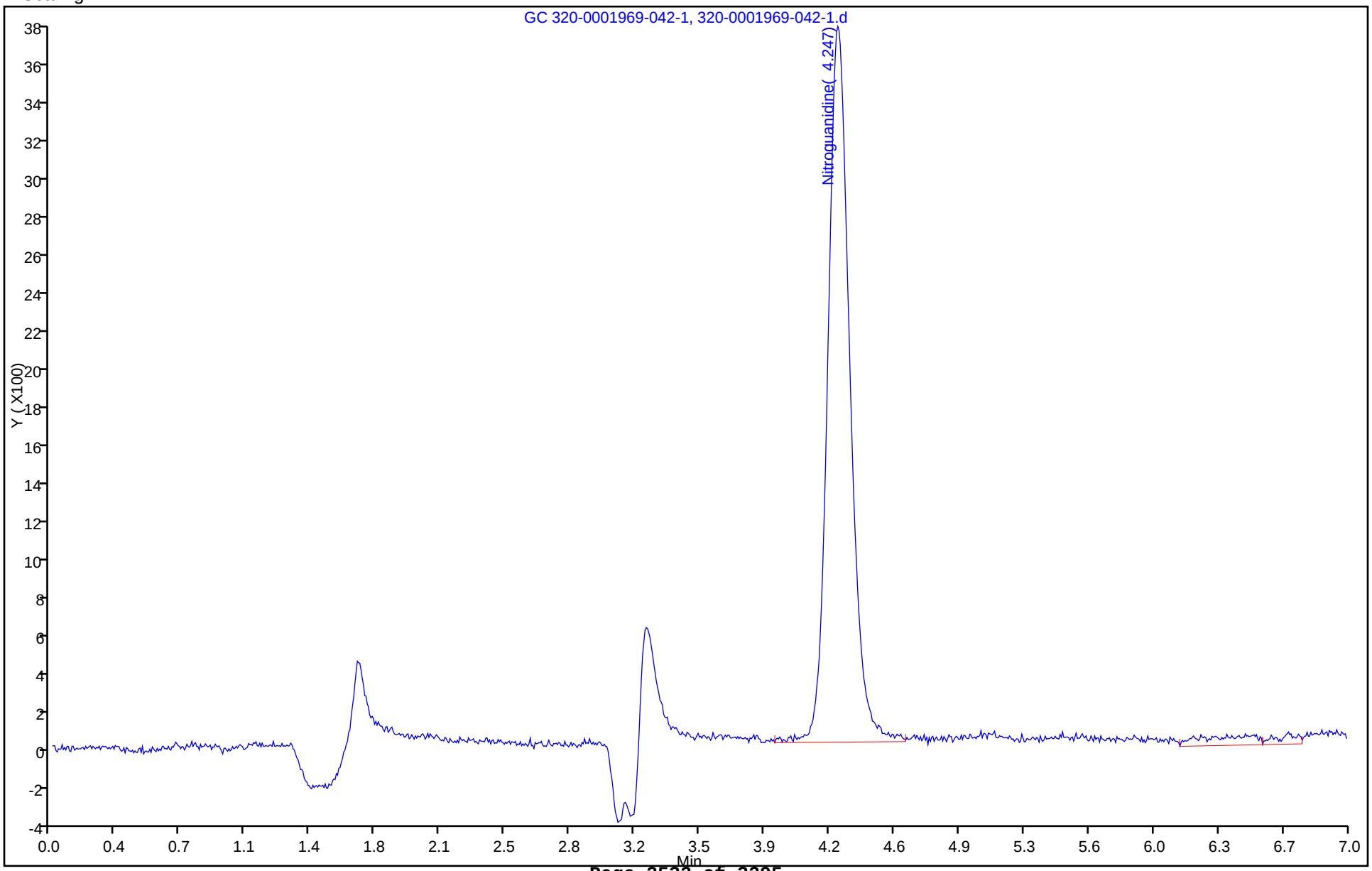
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.247	4.247	0.0	3768	104.3	

Report Date: 28-Dec-2012 08:29:36 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-042-1.d		
Injection Date:	27-Dec-2012 01:31:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	42
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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7855/51 Calibration Date: 12/27/2012 03:40

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-051-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	37.86		105	100	4.8	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7855/51 Calibration Date: 12/27/2012 03:40

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-051-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.24	3.99	4.49

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-051-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	27-Dec-2012 03:40:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-051 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	51
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-051-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:04:18	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:04:18

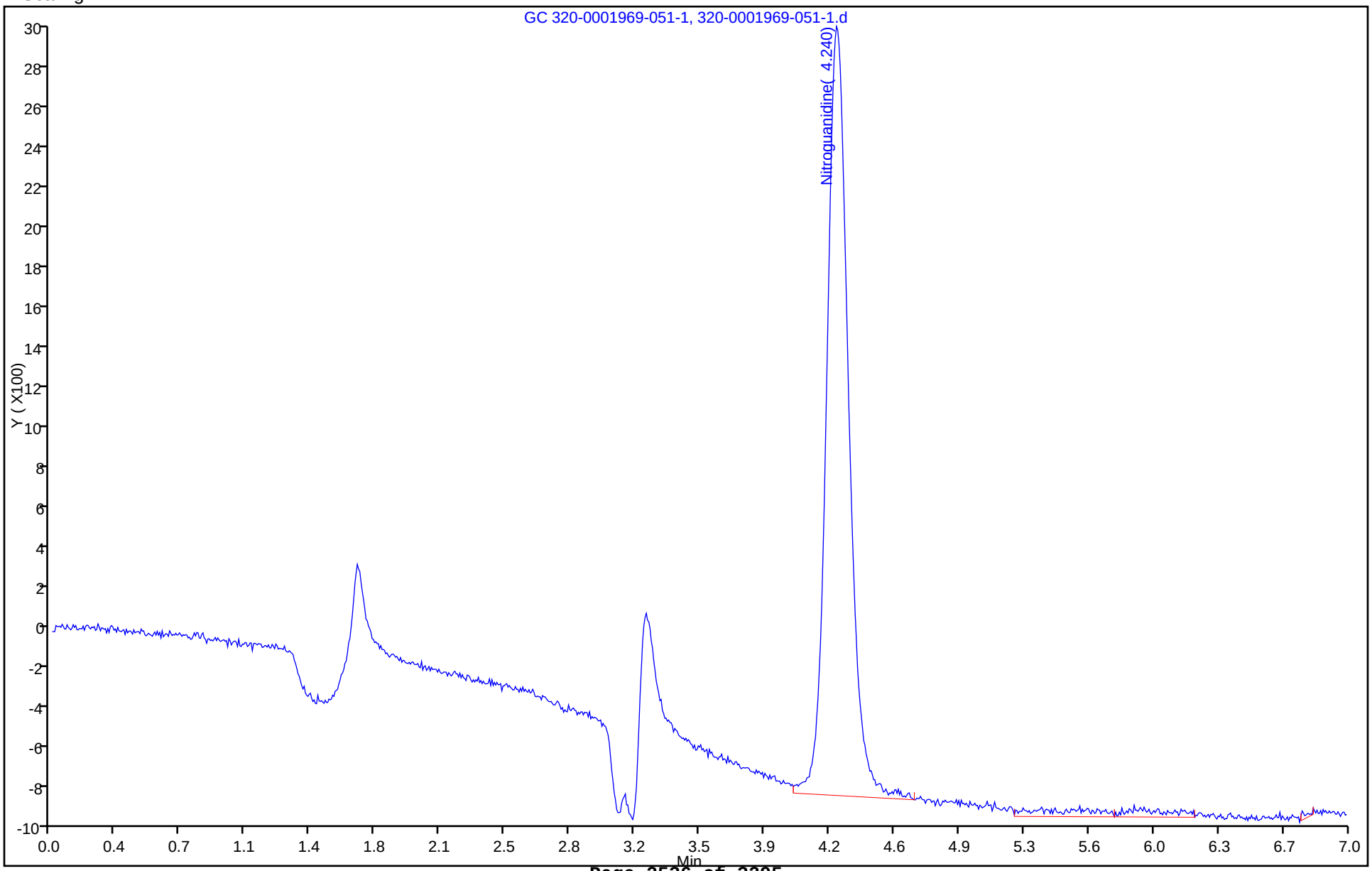
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.240	0.0	3786	104.8	

Report Date: 28-Dec-2012 09:04:18 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-051-1.d		
Injection Date:	27-Dec-2012 03:40:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	51
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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7855/58 Calibration Date: 12/27/2012 05:20

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-058-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	37.59		104	100	4.0	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7855/58 Calibration Date: 12/27/2012 05:20

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-058-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.26	4.01	4.51

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-058-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	27-Dec-2012 05:20:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-058 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	58
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-058-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:13:22	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:13:22

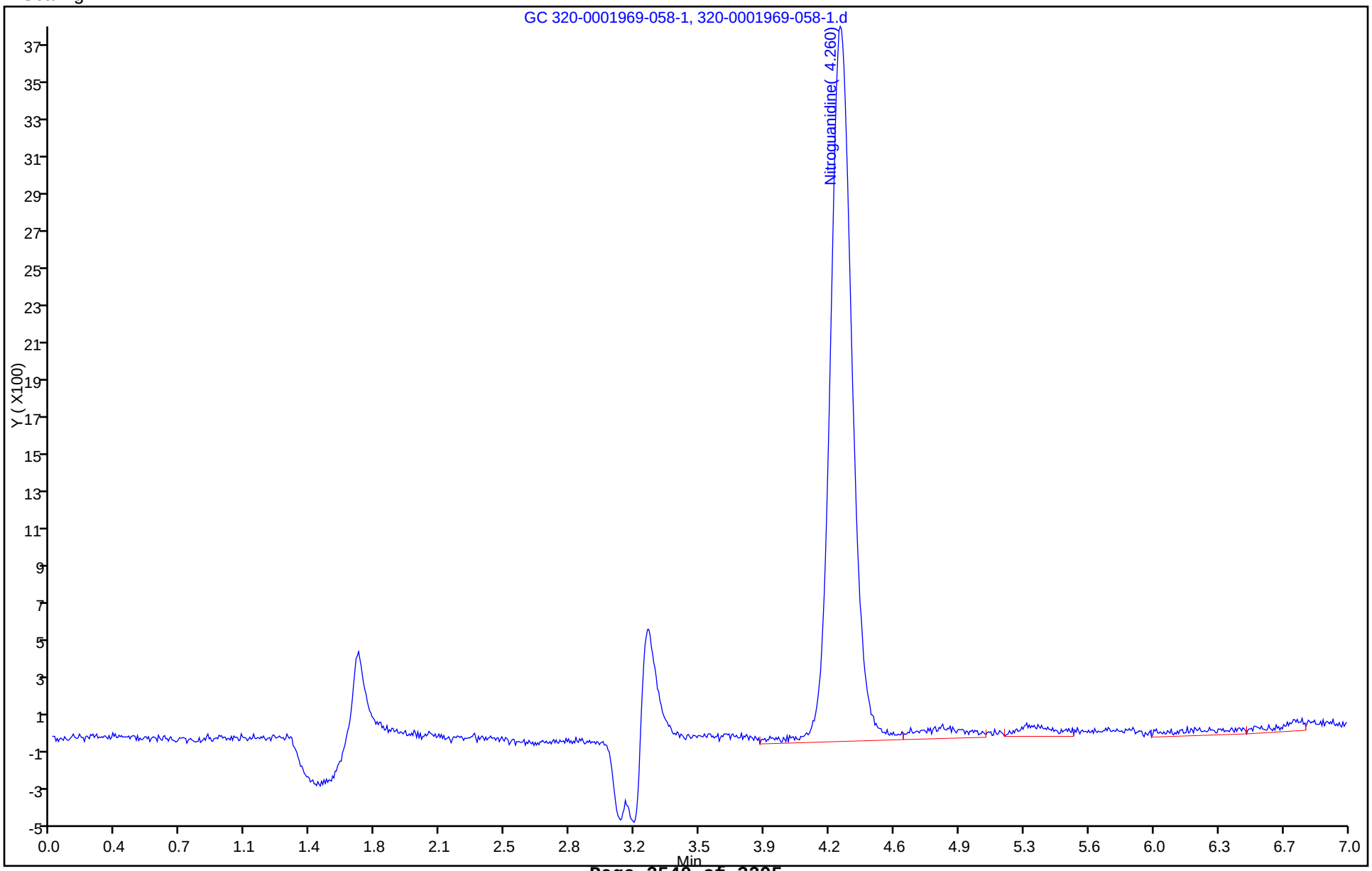
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.260	4.260	0.0	3759	104.0	

Report Date: 28-Dec-2012 09:13:22 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-058-1.d		
Injection Date:	27-Dec-2012 05:20:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	58
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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7855/59 Calibration Date: 12/27/2012 05:34

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-059-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	39.70		22.0	20.0	9.9	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7855/59 Calibration Date: 12/27/2012 05:34

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-059-1.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\20121226-1969.b\320-0001969-059-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	27-Dec-2012 05:34:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001969-059 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	59
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-059-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:14:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:14:30

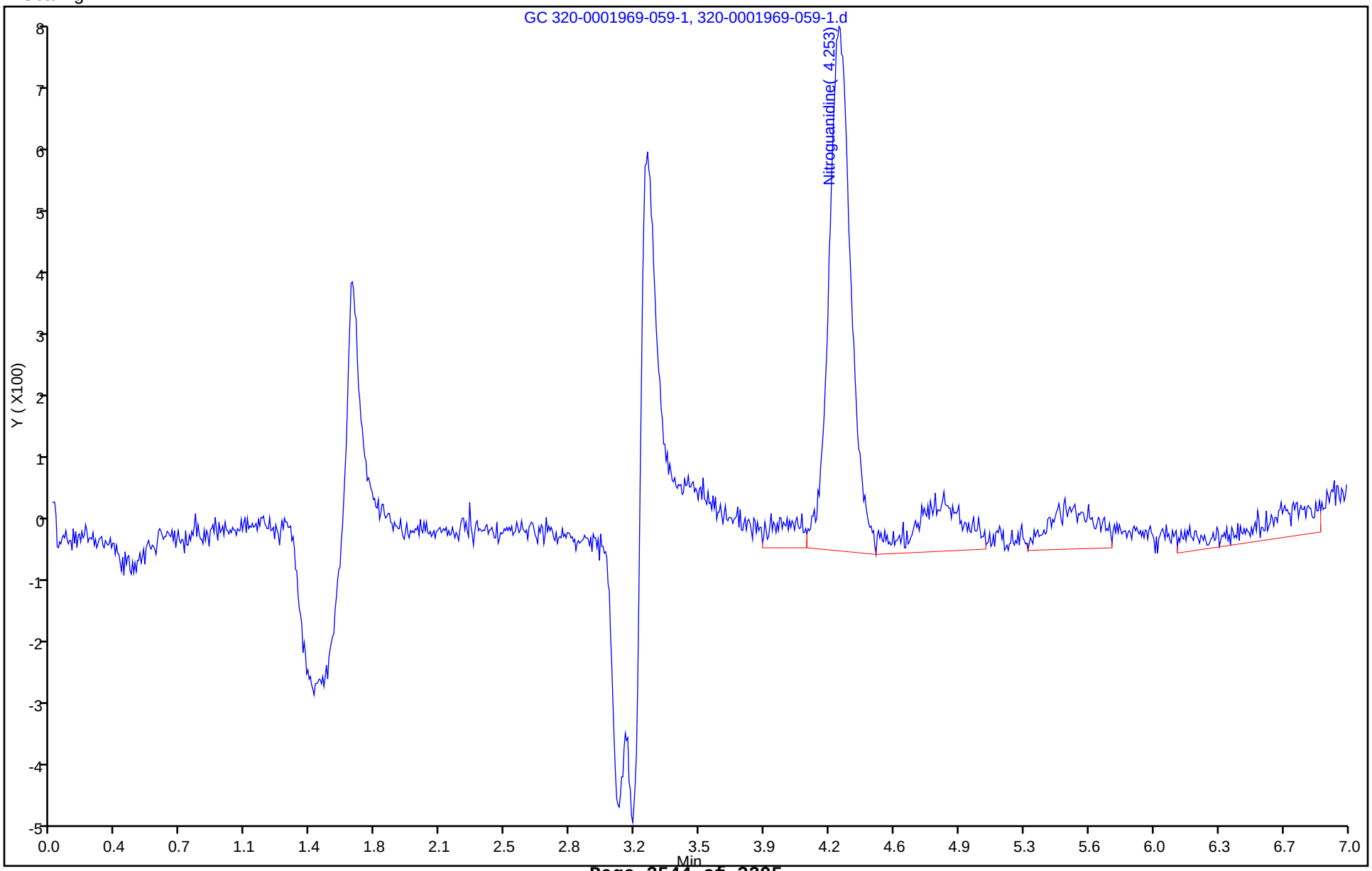
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.253	0.0	794	22.0	

Report Date: 28-Dec-2012 09:14:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-059-1.d		
Injection Date:	27-Dec-2012 05:34:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	59
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 Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-7807/1-A

Matrix: Water Lab File ID: 320-0001969-050-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Filtration Date Extracted: 12/24/2012 12:40

Sample wt/vol: 10(mL) Date Analyzed: 12/27/2012 03:25

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.: 7855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	6.0	U	20	6.0	2.4

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-050-1.d		
Lims ID:	MB 320-7807/1-A	Client ID:	
Inject. Date:	27-Dec-2012 03:25:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001969-050 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	50
Detector:	GC 320-0001969-050-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:03:26	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:04:05

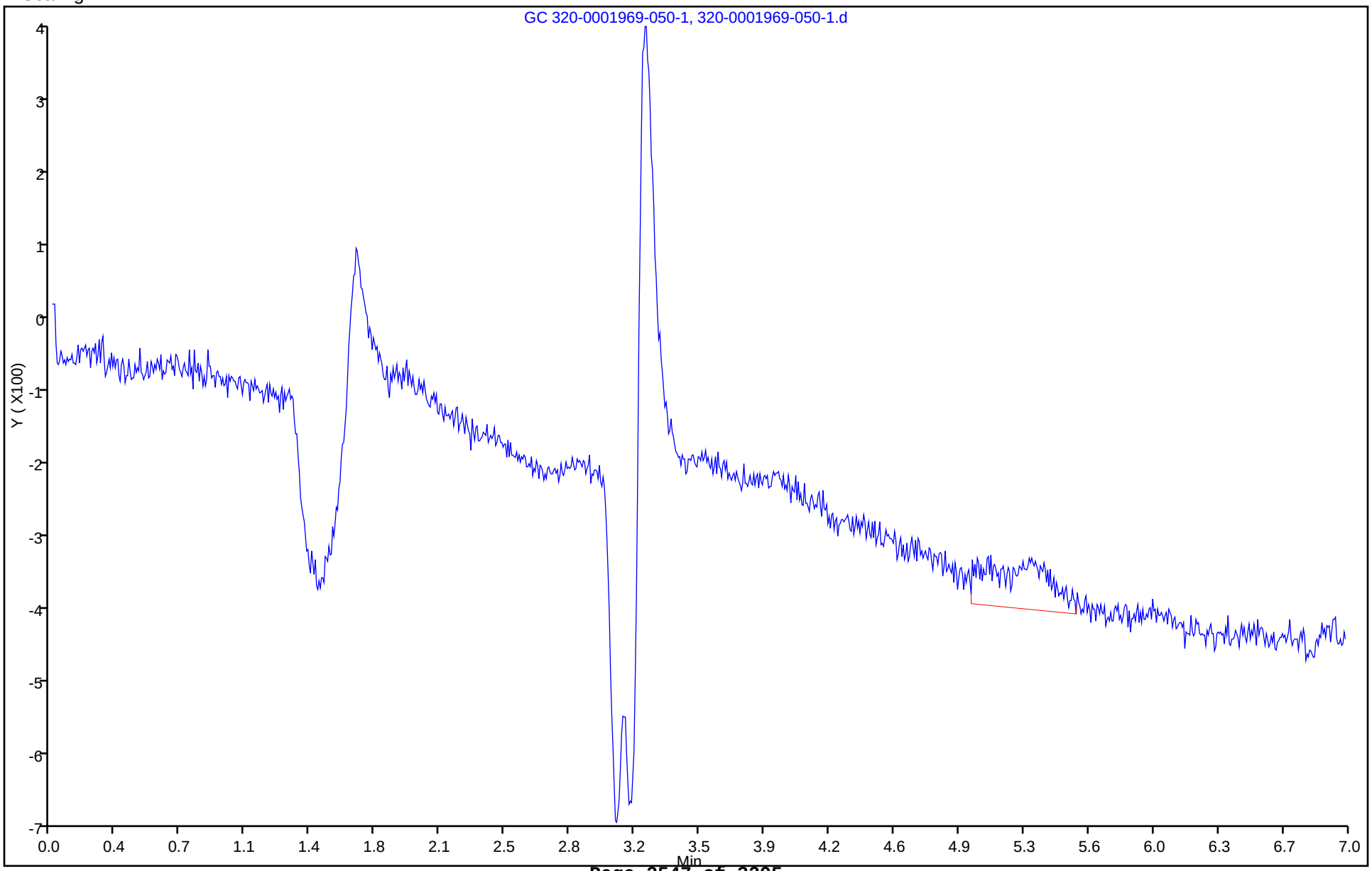
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 09:04:05 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-050-1.d		
Injection Date:	27-Dec-2012 03:25:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	50
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 Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-7807/2-A

Matrix: Water Lab File ID: 320-0001969-052-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Filtration Date Extracted: 12/24/2012 12:40

Sample wt/vol: 10(mL) Date Analyzed: 12/27/2012 03:54

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.: 7855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	255		20	6.0	2.4

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-052-1.d		
Lims ID:	LCS 320-7807/2-A	Client ID:	
Inject. Date:	27-Dec-2012 03:54:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0001969-052 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	52
Detector:	GC 320-0001969-052-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:05:22	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:05:22

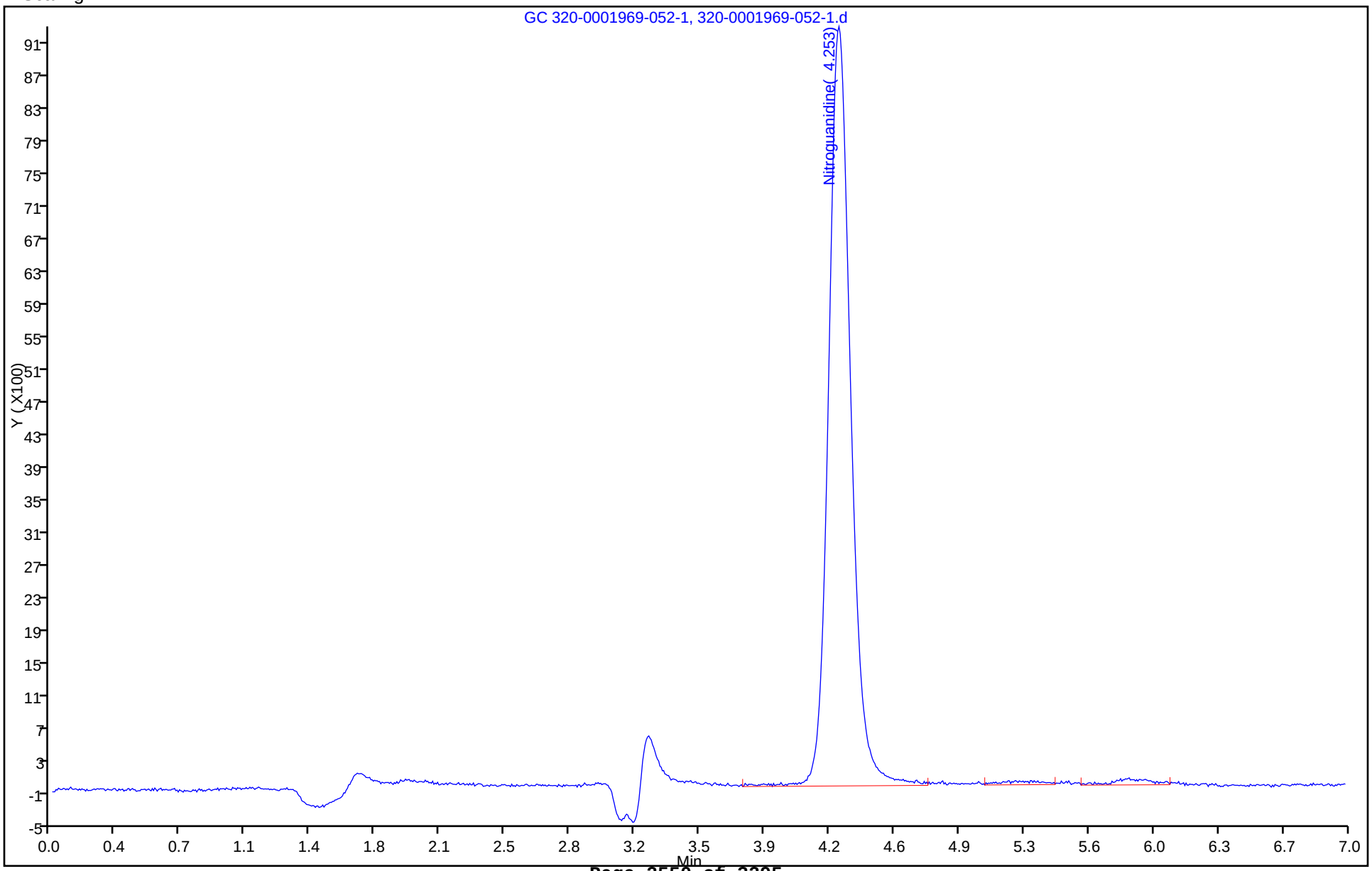
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1	Nitroguanidine					
	4.253	4.240	0.013	9211	254.9	

Report Date: 28-Dec-2012 09:05:22 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-052-1.d		
Injection Date:	27-Dec-2012 03:54:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	52
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 Sacramento Job No.: 240-18735-2

SDG No.:

Instrument ID: PDA1 Start Date: 12/26/2012 13:04

Analysis Batch Number: 7846 End Date: 12/26/2012 15:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/26/2012 13:04	1		Luna NH2 4.6(mm)
STD02 320-7846/4 IC		12/26/2012 13:18	1	320-0001966-004 -1.d	Luna NH2 4.6(mm)
STD03 320-7846/5 IC		12/26/2012 13:32	1	320-0001966-005 -1.d	Luna NH2 4.6(mm)
STD04 320-7846/6 IC		12/26/2012 13:47	1	320-0001966-006 -1.d	Luna NH2 4.6(mm)
STD05 320-7846/7 IC		12/26/2012 14:01	1	320-0001966-007 -1.d	Luna NH2 4.6(mm)
STD06 320-7846/8 IC		12/26/2012 14:15	1	320-0001966-008 -1.d	Luna NH2 4.6(mm)
STD07 320-7846/9 IC		12/26/2012 14:30	1	320-0001966-009 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 14:44	1		Luna NH2 4.6(mm)
ICV 320-7846/11		12/26/2012 14:58	1	320-0001966-011 -1.d	Luna NH2 4.6(mm)
LODV 320-7846/12		12/26/2012 15:13	1	320-0001966-012 -1.d	Luna NH2 4.6(mm)
CCVL 320-7846/13		12/26/2012 15:27	1	320-0001966-013 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Instrument ID: PDA1 Start Date: 12/26/2012 15:41

Analysis Batch Number: 7855 End Date: 12/27/2012 05:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/26/2012 15:41	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 15:56	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:10	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:24	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:39	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:53	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:08	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:22	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:36	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:51	1		Luna NH2 4.6(mm)
CCV 320-7855/11		12/26/2012 18:05	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 18:19	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 18:34	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 18:48	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:03	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:17	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:31	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:46	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 20:00	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 20:14	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 20:29	1		Luna NH2 4.6(mm)
CCV 320-7855/22		12/26/2012 20:43	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 20:58	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 21:12	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 21:26	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 21:41	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 21:55	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 22:09	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 22:24	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 22:38	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 22:53	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 23:07	1		Luna NH2 4.6(mm)
CCV 320-7855/33		12/26/2012 23:21	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 23:36	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 23:50	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 00:04	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 00:19	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 00:33	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 00:47	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:02	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:16	1		Luna NH2 4.6(mm)
CCV 320-7855/42		12/27/2012 01:31	1	320-0001969-042 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:45	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:59	1		Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Instrument ID: PDA1 Start Date: 12/26/2012 15:41

Analysis Batch Number: 7855 End Date: 12/27/2012 05:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/27/2012 02:14	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:28	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:42	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:57	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 03:11	1		Luna NH2 4.6(mm)
MB 320-7807/1-A		12/27/2012 03:25	1	320-0001969-050 -1.d	Luna NH2 4.6(mm)
CCV 320-7855/51		12/27/2012 03:40	1	320-0001969-051 -1.d	Luna NH2 4.6(mm)
LCS 320-7807/2-A		12/27/2012 03:54	1	320-0001969-052 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:08	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:23	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:37	1		Luna NH2 4.6(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/27/2012 04:51	1	320-0001969-056 -1.d	Luna NH2 4.6(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/27/2012 05:06	1	320-0001969-057 -1.d	Luna NH2 4.6(mm)
CCV 320-7855/58		12/27/2012 05:20	1	320-0001969-058 -1.d	Luna NH2 4.6(mm)
CCVL 320-7855/59		12/27/2012 05:34	1	320-0001969-059 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Batch Number: 7807 Batch Start Date: 12/24/12 12:40 Batch Analyst: Phan, Tuan

Batch Method: Filtration Batch End Date: 12/24/12 13:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-7807/1		Filtration, 8330 Modified		10 mL	10 mL				
LCS 320-7807/2		Filtration, 8330 Modified		10 mL	10 mL	50 uL			
240-18735-Q-3	070-0056-0001-SOURCE WATER	Filtration, 8330 Modified	T	10 mL	10 mL				
240-18735-Q-4	070-0057-0001-SOURCE WATER	Filtration, 8330 Modified	T	10 mL	10 mL				

Batch Notes	
Filter Lot #	Millipore R2DA02309, MILLIPORE WATER DISPENSED 12/13/12

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330B

Nitroaromatics and Nitramines (HPLC) by Method 8330B

FORM II
HPLC/IC SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low

GC Column (1): Synergi C18 ID: 4.6 (mm)

Client Sample ID	Lab Sample ID	DNT1 #
070-0056-0001-SOURCE WATER	240-18735-3	91
070-0057-0001-SOURCE WATER	240-18735-4	93
	MB 320-7404/1-A	97
	LCS 320-7404/2-A	97

	QC LIMITS
DNT = 3,4-Dinitrotoluene	79-111

Column to be used to flag recovery values

FORM II 8330B

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: S000069.D

Lab ID: LCS 320-7404/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,3,5-Trinitrobenzene	1.00	1.05	105	74-120	
1,3-Dinitrobenzene	1.00	1.08	108	72-123	
2,4,6-Trinitrotoluene	1.00	0.993	99	69-111	
2,4-Dinitrotoluene	1.00	1.02	102	70-119	
2,6-Dinitrotoluene	1.00	1.01	101	71-119	
2-Amino-4,6-dinitrotoluene	1.00	1.04	104	77-123	
2-Nitrotoluene	1.00	0.936	94	64-120	
3-Nitrotoluene	1.00	0.981	98	67-114	
4-Nitrotoluene	1.00	0.982	98	67-115	
4-Amino-2,6-dinitrotoluene	1.00	1.05	105	68-113	
HMX	1.00	1.04	104	67-115	
RDX	1.00	1.10	110	68-122	
Nitrobenzene	1.00	1.06	106	69-119	
Tetryl	1.00	0.969	97	66-105	
Nitroglycerin	5.00	4.97	99	85-115	
PETN	5.00	4.53	91	84-117	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: MB 320-7404/1-A

Matrix: Water Date Extracted: 12/14/2012 11:07

Lab File ID:(1) S000068.D Lab File ID:(2)

Date Analyzed:(1) 12/21/2012 13:22 Date Analyzed:(2)

Instrument ID:(1) LC10 Instrument ID:(2)

GC Column:(1) Synergi C18 ID: 4.6(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 320-7404/2-A	12/21/2012 14:02	
070-0056-0001-SOURCE WATER	240-18735-3	12/21/2012 15:22	
070-0057-0001-SOURCE WATER	240-18735-4	12/21/2012 16:02	

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 320-7620/67 Date Analyzed: 12/21/2012 12:41

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000067.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				16.75		
UPPER LIMIT				16.95		
LOWER LIMIT				16.55		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7620/67 CCVRT		12/21/2012 12:41	S000067.D	16.75		
MB 320-7404/1-A		12/21/2012 13:22	S000068.D	17.30 *		
LCS 320-7404/2-A		12/21/2012 14:02	S000069.D	16.74		
240-18735-3	070-0056-0001-SOURCE WATER	12/21/2012 15:22	S000071.D	16.77		
240-18735-4	070-0057-0001-SOURCE WATER	12/21/2012 16:02	S000072.D	16.84		

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 Sacramento Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 320-7620/73 Date Analyzed: 12/21/2012 16:42

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000073.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				16.80		
UPPER LIMIT				17.00		
LOWER LIMIT				16.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7620/73 CCVRT		12/21/2012 16:42	S000073.D	16.80		
CCVL 320-7620/74		12/21/2012 17:23	S000074.D	16.75		

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 I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0056-0001-SOURCE Lab Sample ID: 240-18735-3

Matrix: Water Lab File ID: S000071.D

Analysis Method: 8330B Date Collected: 12/12/2012 13:00

Extraction Method: 8330-Prep Date Extracted: 12/14/2012 11:07

Sample wt/vol: 1004.4(mL) Date Analyzed: 12/21/2012 15:22

Con. Extract Vol.: 20(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.: 7620 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.10	0.050	0.031
99-65-0	1,3-Dinitrobenzene	0.10	U	0.10	0.10	0.050
118-96-7	2,4,6-Trinitrotoluene	0.10	U	0.10	0.10	0.050
121-14-2	2,4-Dinitrotoluene	0.10	U	0.10	0.10	0.050
606-20-2	2,6-Dinitrotoluene	0.10	U	0.10	0.10	0.050
35572-78-2	2-Amino-4,6-dinitrotoluene	0.10	U	0.20	0.10	0.015
88-72-2	2-Nitrotoluene	0.10	U	0.50	0.10	0.088
99-08-1	3-Nitrotoluene	0.10	U	0.50	0.10	0.057
99-99-0	4-Nitrotoluene	0.10	U	0.50	0.10	0.088
19406-51-0	4-Amino-2,6-dinitrotoluene	0.10	U	0.10	0.10	0.050
2691-41-0	HMX	0.050	U	0.10	0.050	0.036
121-82-4	RDX	0.050	U	0.10	0.050	0.036
98-95-3	Nitrobenzene	0.10	U	0.10	0.10	0.050
479-45-8	Tetryl	0.10	U	0.10	0.10	0.050
55-63-0	Nitroglycerin	0.50	U	0.65	0.50	0.33
78-11-5	PETN	0.50	U	0.65	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	91		79-111

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000071.D		
Lims ID:	240-18735-R-3-B	Client ID:	070-0056-0001-SOURCE WATER
Inject. Date:	21-Dec-2012 15:22:23	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-071		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	72
Lims Batch ID:	7620	Lims Sample ID:	71
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	26-Dec-2012 08:44:38	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:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 08:44:38

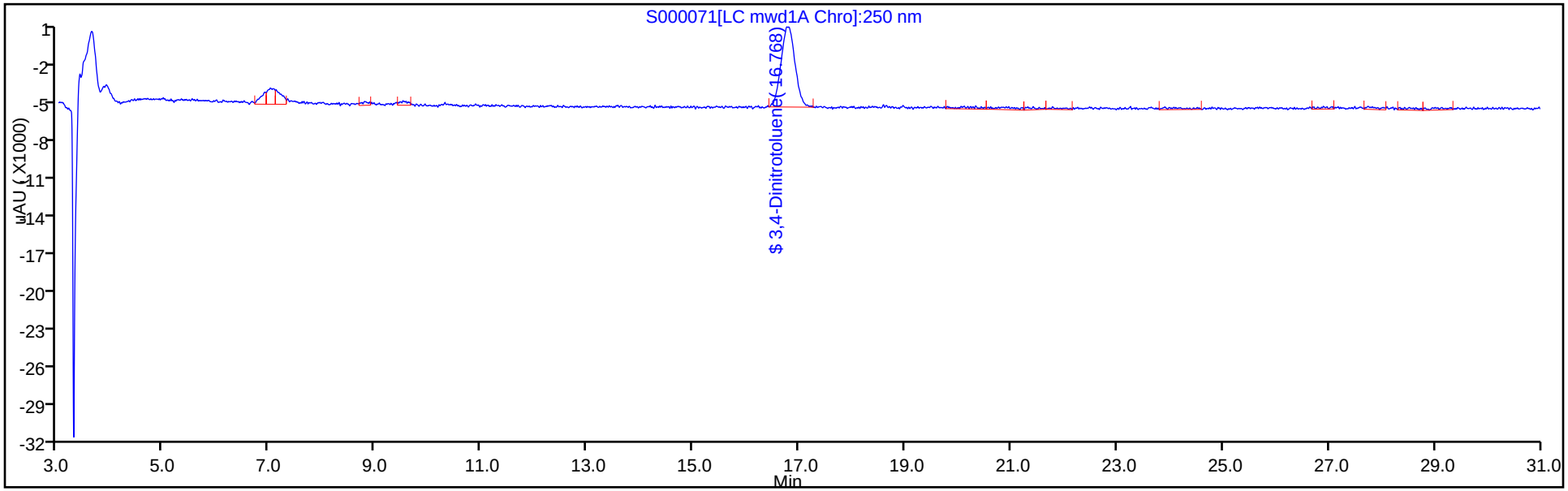
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.768	16.796	-0.028	6418	114.0	
2	16.774	16.806	-0.032	12277	118.8	

Report Date: 26-Dec-2012 08:44:38 Chrom Revision: 2.1 24-Dec-2012 15:14:58

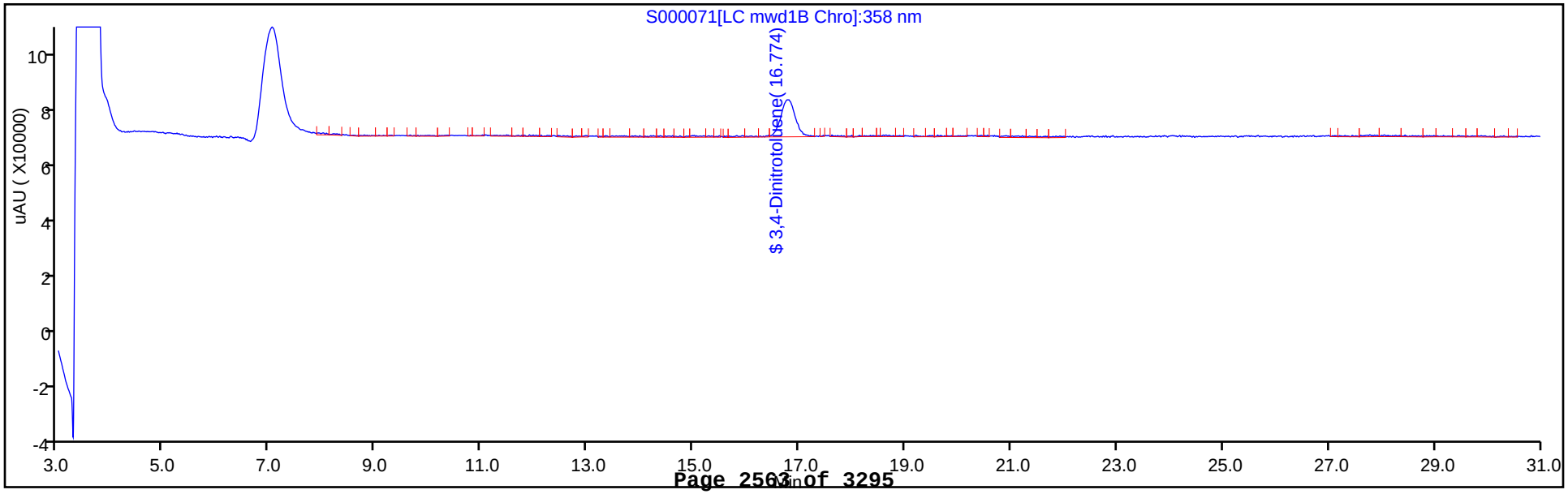
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000071.D		
Injection Date:	21-Dec-2012 15:22:23	Limit Group:	LC 8330B ICAL
Client ID:	070-0056-0001-SOURCE WATER	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	71
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 Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0057-0001-SOURCE Lab Sample ID: 240-18735-4

Matrix: Water Lab File ID: S000072.D

Analysis Method: 8330B Date Collected: 12/12/2012 13:15

Extraction Method: 8330-Prep Date Extracted: 12/14/2012 11:07

Sample wt/vol: 1011(mL) Date Analyzed: 12/21/2012 16:02

Con. Extract Vol.: 20(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.: 7620 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	0.049	U	0.099	0.049	0.031
99-65-0	1,3-Dinitrobenzene	0.099	U	0.099	0.099	0.049
118-96-7	2,4,6-Trinitrotoluene	0.099	U	0.099	0.099	0.049
121-14-2	2,4-Dinitrotoluene	0.099	U	0.099	0.099	0.049
606-20-2	2,6-Dinitrotoluene	0.099	U	0.099	0.099	0.049
35572-78-2	2-Amino-4,6-dinitrotoluene	0.099	U	0.20	0.099	0.015
88-72-2	2-Nitrotoluene	0.099	U	0.49	0.099	0.087
99-08-1	3-Nitrotoluene	0.099	U	0.49	0.099	0.056
99-99-0	4-Nitrotoluene	0.099	U	0.49	0.099	0.087
19406-51-0	4-Amino-2,6-dinitrotoluene	0.099	U	0.099	0.099	0.049
2691-41-0	HMX	0.049	U	0.099	0.049	0.036
121-82-4	RDX	0.049	U	0.099	0.049	0.036
98-95-3	Nitrobenzene	0.099	U	0.099	0.099	0.049
479-45-8	Tetryl	0.099	U	0.099	0.099	0.049
55-63-0	Nitroglycerin	0.49	U	0.64	0.49	0.33
78-11-5	PETN	0.49	U	0.64	0.49	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	93		79-111

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000072.D		
Lims ID:	240-18735-R-4-B	Client ID:	070-0057-0001-SOURCE WATER
Inject. Date:	21-Dec-2012 16:02:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-072		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	73
Lims Batch ID:	7620	Lims Sample ID:	72
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	26-Dec-2012 08:45:03	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:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 08:45:03

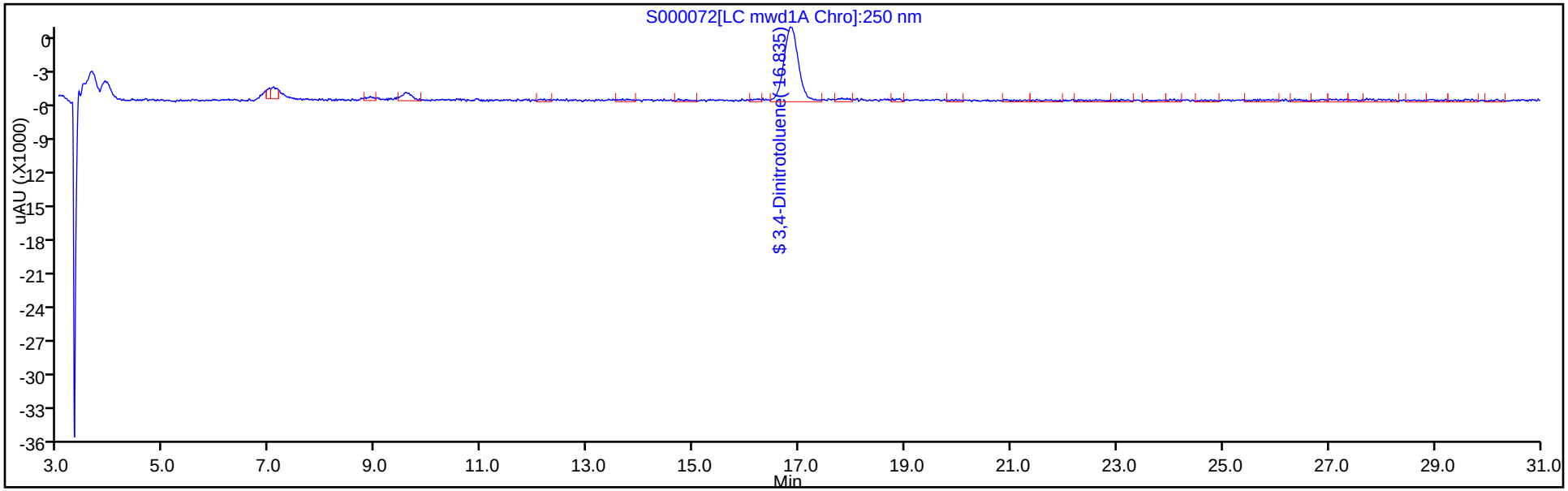
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.835	16.796	0.039	6565	116.6	
2	16.845	16.806	0.039	12265	118.7	

Report Date: 26-Dec-2012 08:45:04 Chrom Revision: 2.1 24-Dec-2012 15:14:58

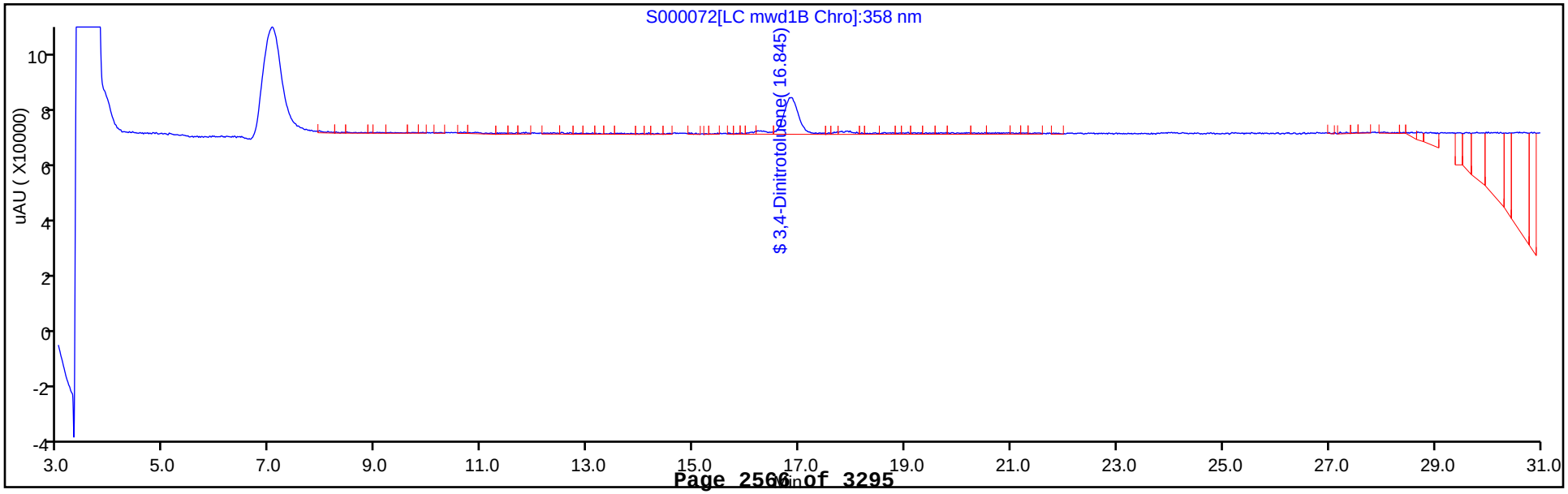
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000072.D		
Injection Date:	21-Dec-2012 16:02:20	Limit Group:	LC 8330B ICAL
Client ID:	070-0057-0001-SOURCE WATER	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	72
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 Sacramento Job No.: 240-18735-2 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 Sacramento Job No.: 240-18735-2 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 Sacramento Job No.: 240-18735-2 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 Sacramento Job No.: 240-18735-2 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 Sacramento Job No.: 240-18735-2 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	

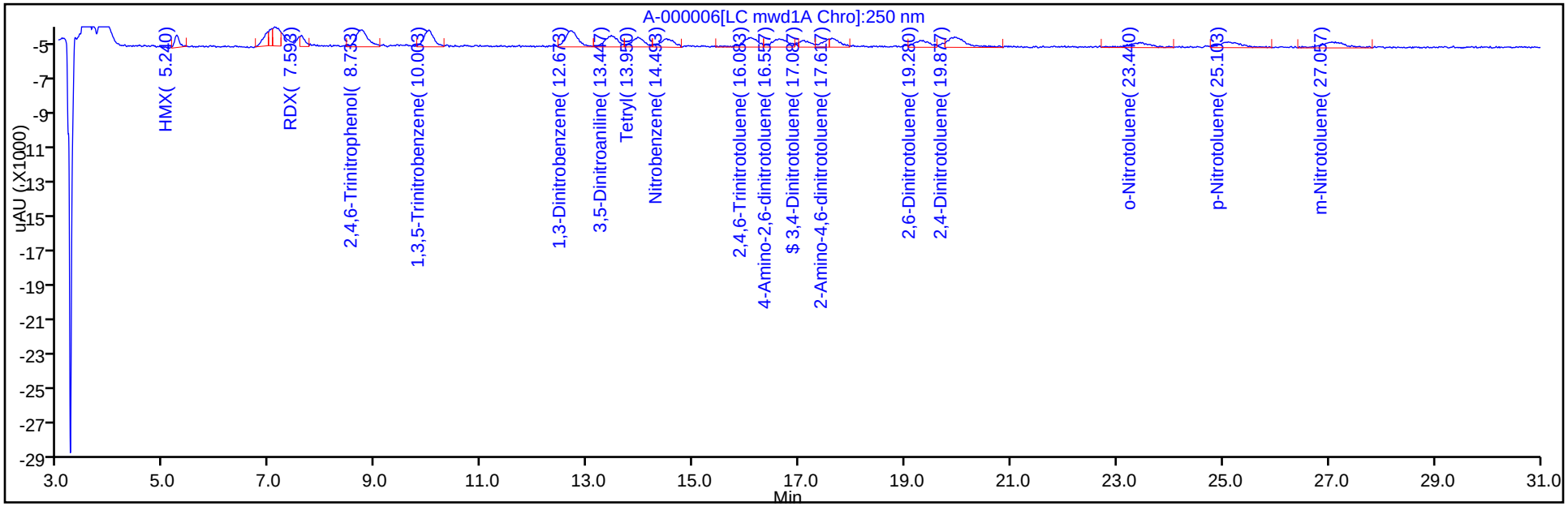
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.617	17.595	0.022	512	6.13	
12 2,6-Dinitrotoluene						
1	19.280	19.285	-0.005	389	6.53	
23 2,4-Dinitrotoluene						
1	19.877	19.925	-0.048	547	5.70	
16 o-Nitrotoluene						
1	23.440	23.415	0.025	294	6.60	
15 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

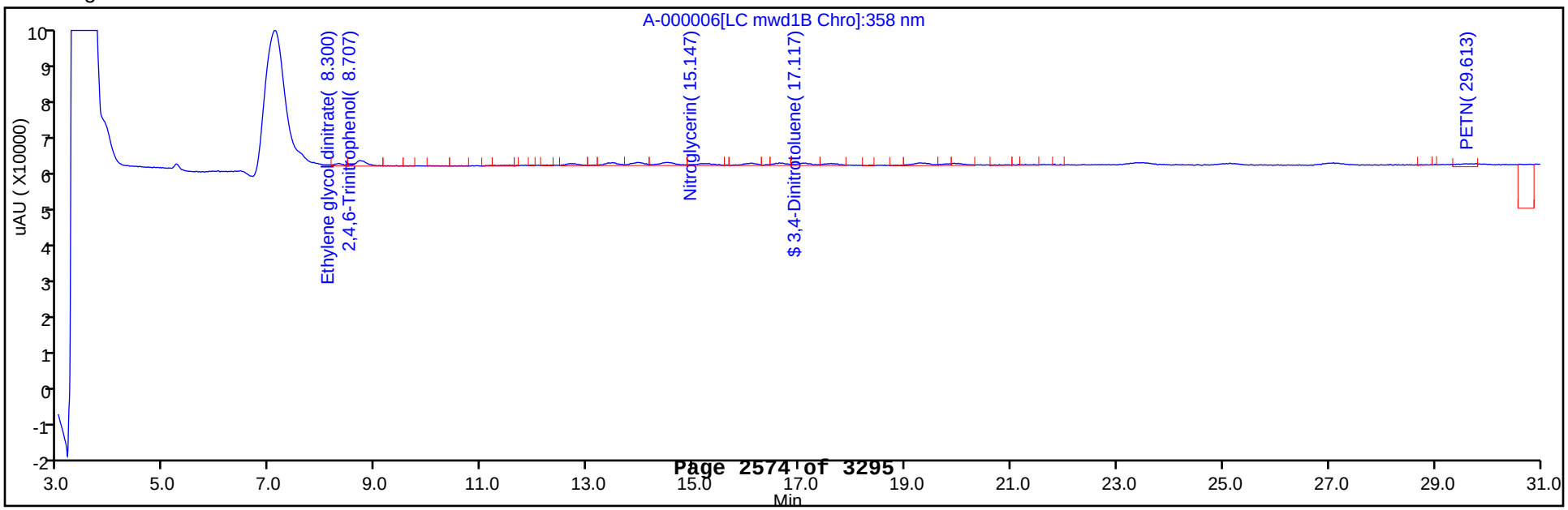
TestAmerica West Sacramento

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	

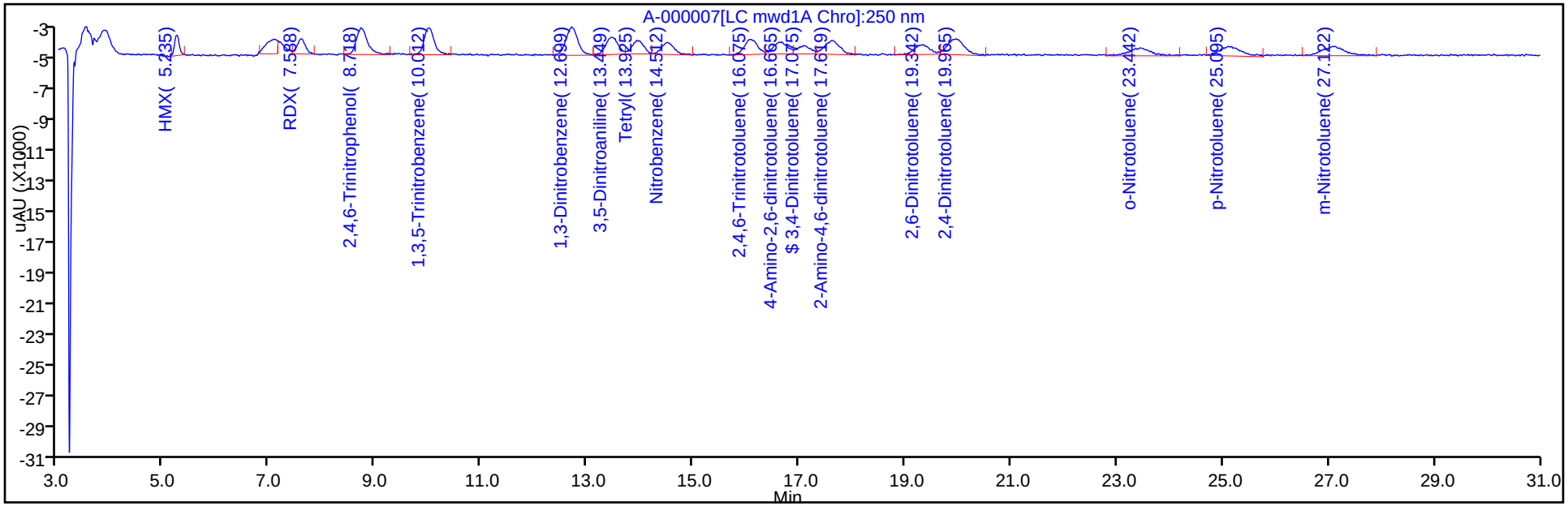
Report Date: 13-Sep-2012 10:19:53 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

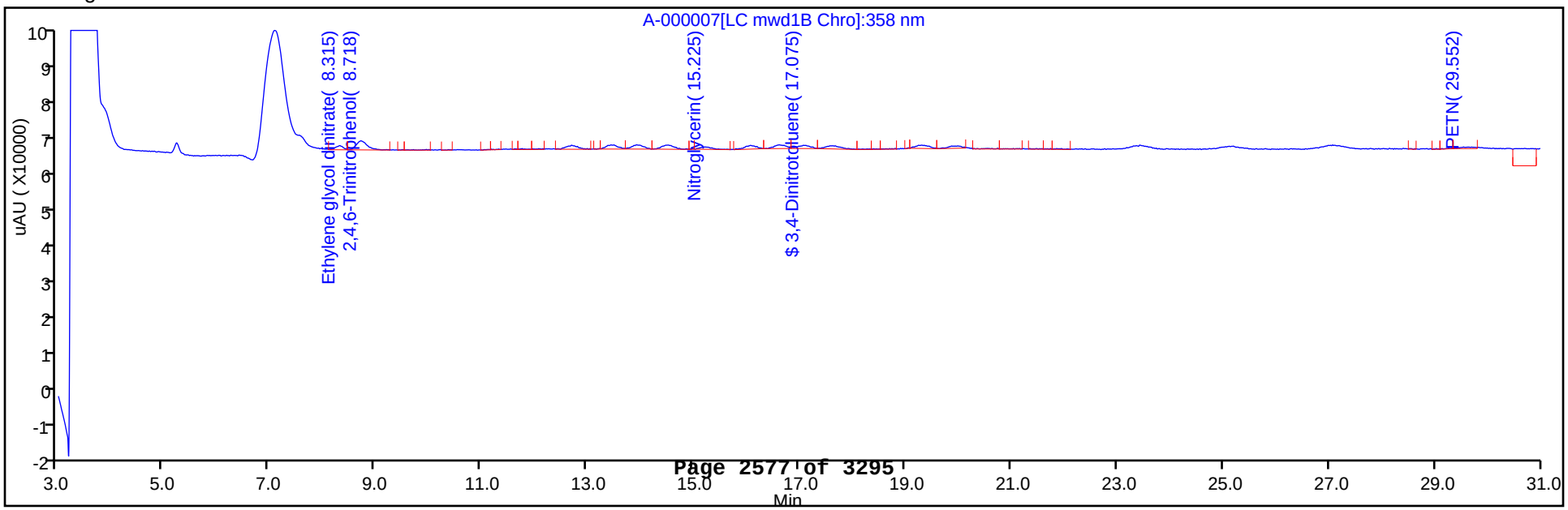
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000007.D

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	

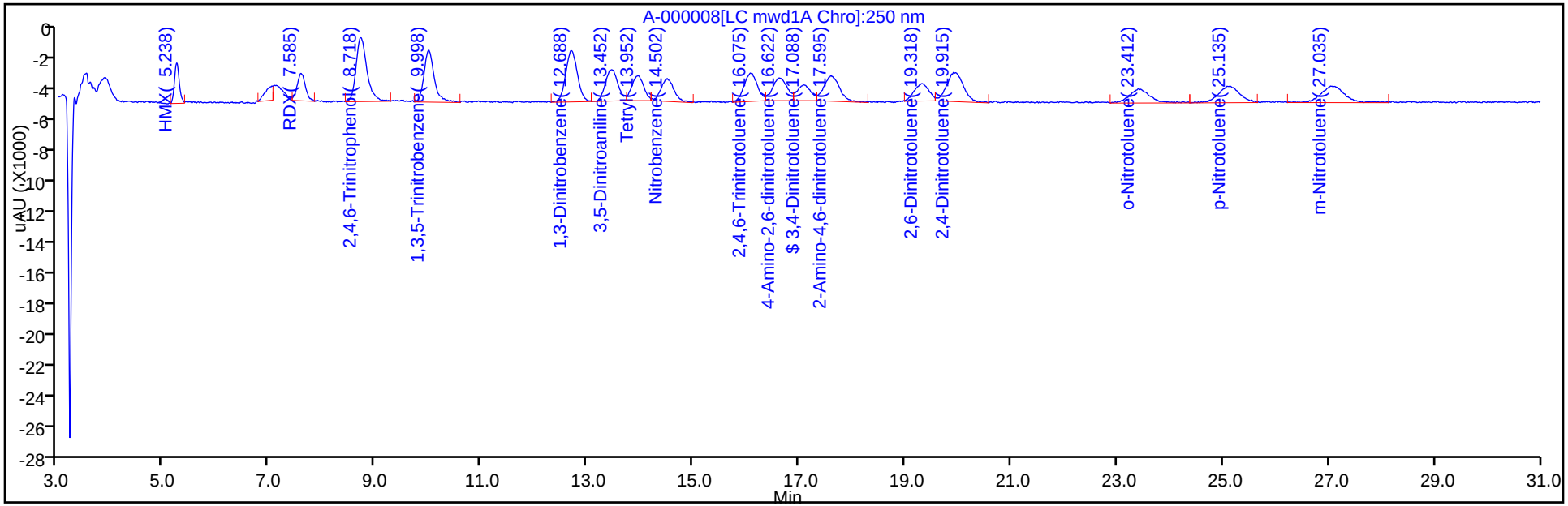
Report Date: 13-Sep-2012 10:19:54 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

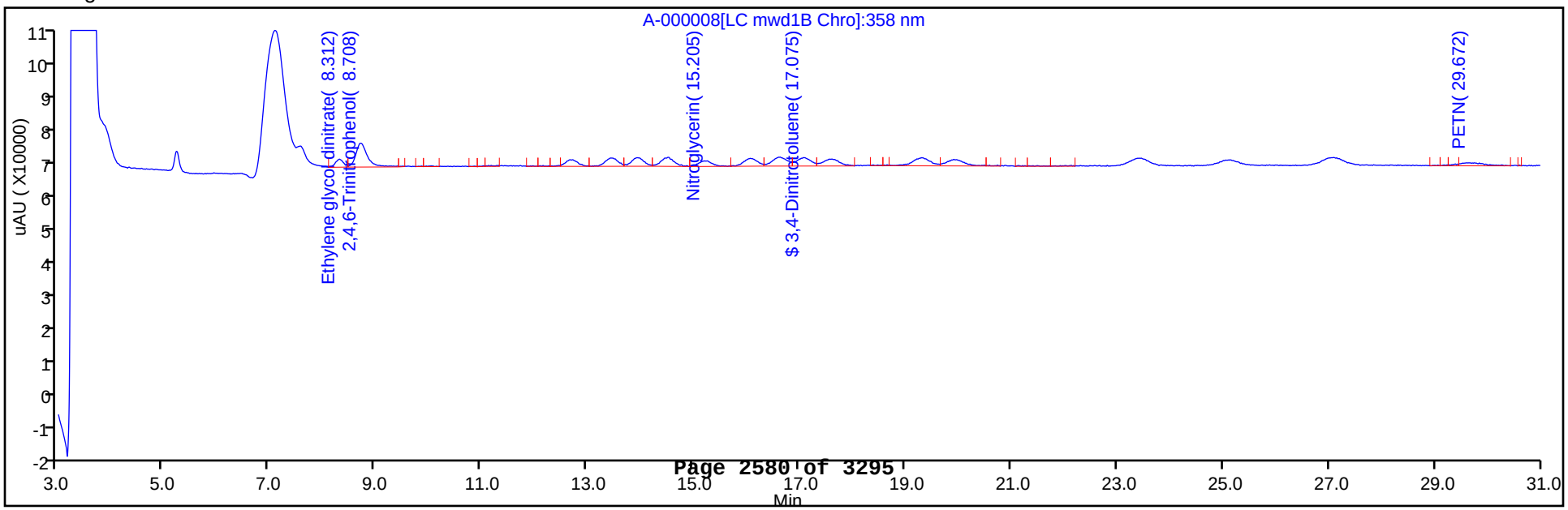
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000008.D

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	

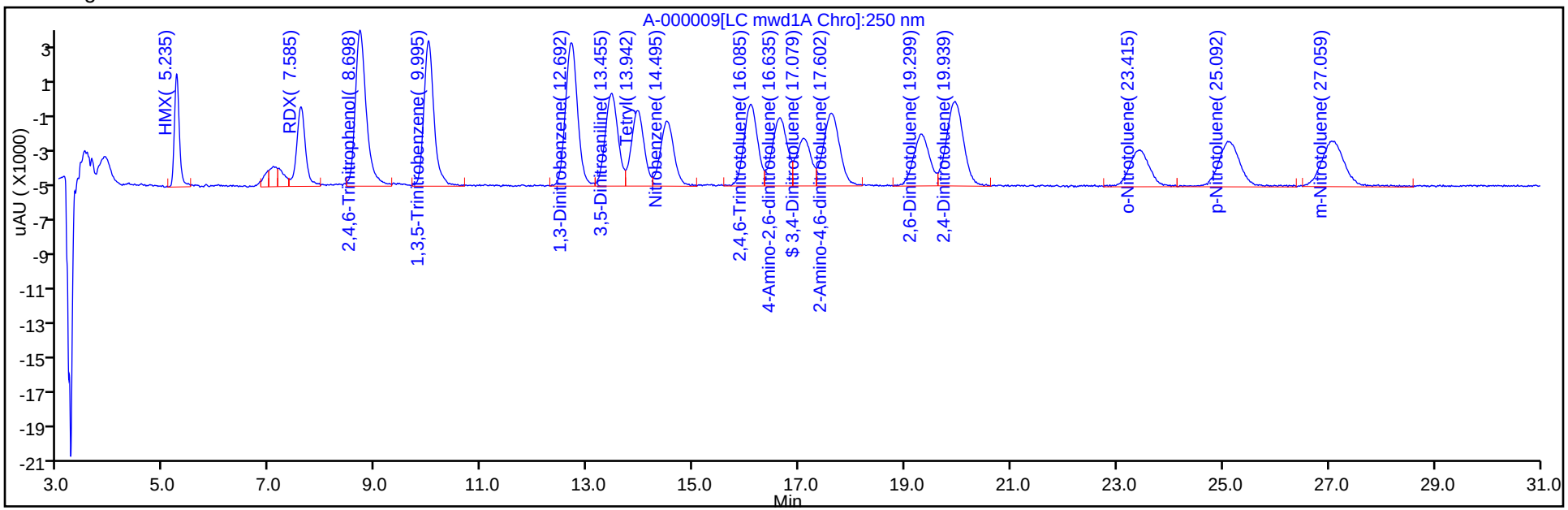
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.602	17.595	0.007	4074	48.7	
12 2,6-Dinitrotoluene						
1	19.299	19.285	0.014	2907	48.8	
23 2,4-Dinitrotoluene						
1	19.939	19.925	0.014	4738	49.4	
16 o-Nitrotoluene						
1	23.415	23.415	0.0	2064	46.3	
15 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

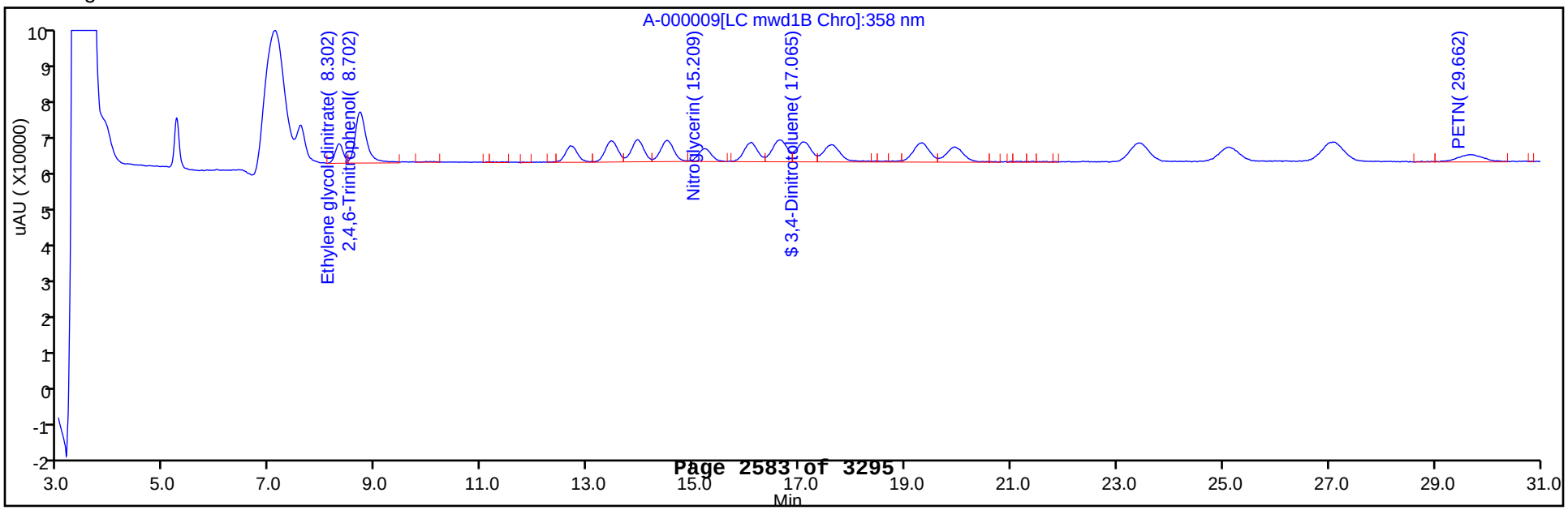
TestAmerica West Sacramento

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

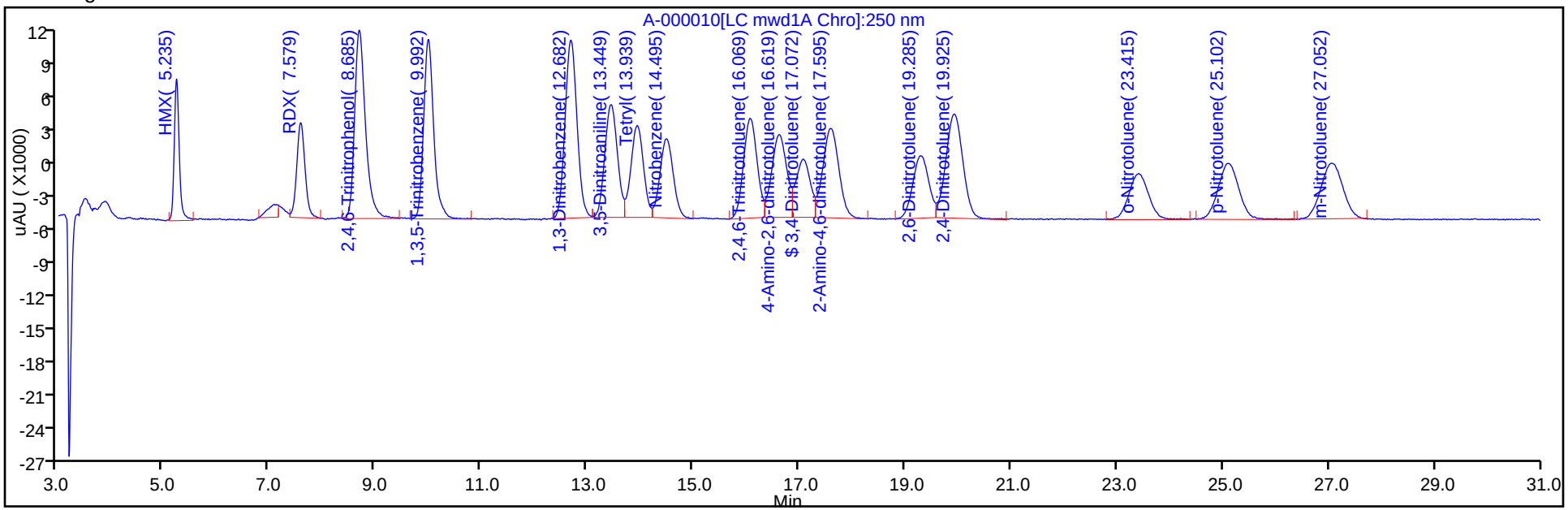
Review Flags
M - Manually Integrated

Report Date: 13-Sep-2012 10:19:56 Chrom Revision: 2.1 12-Sep-2012 21:43:20

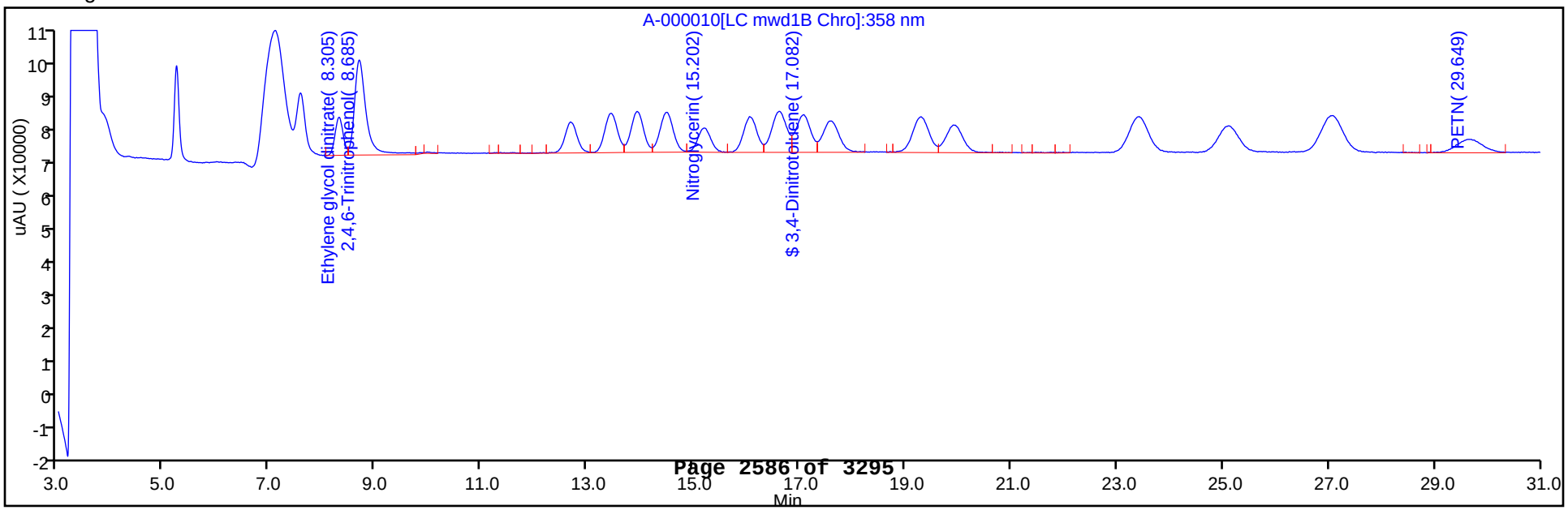
TestAmerica West Sacramento

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

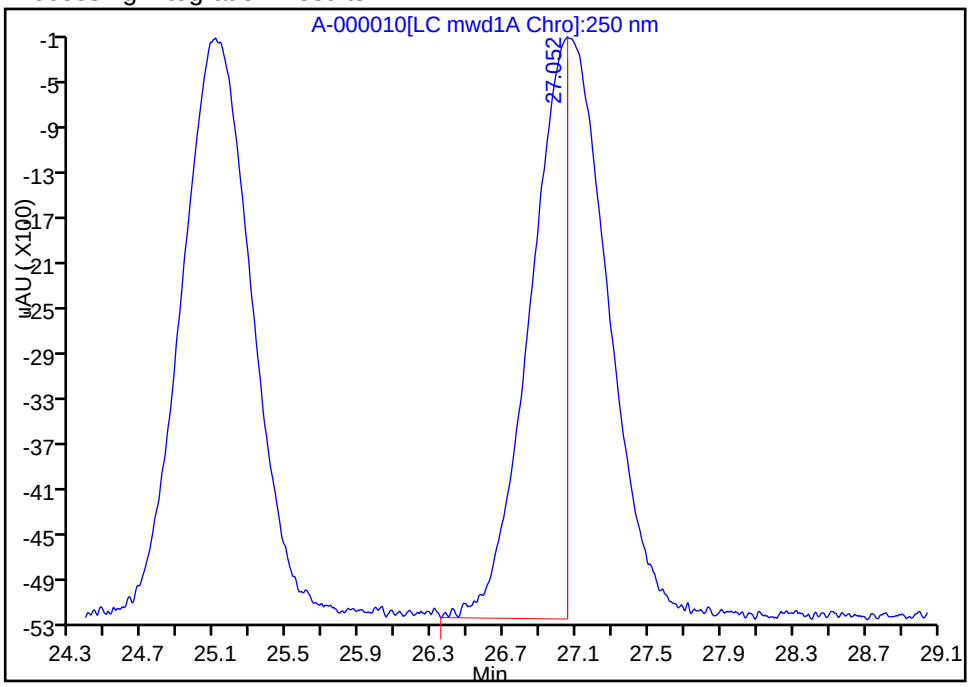
TestAmerica West Sacramento

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

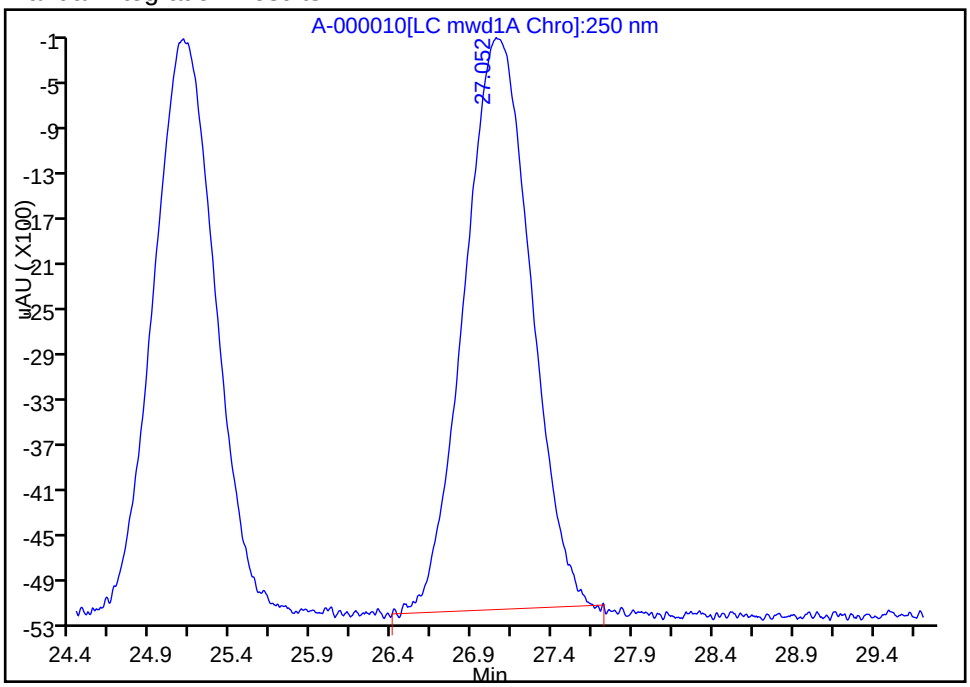
Processing Integration Results

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	

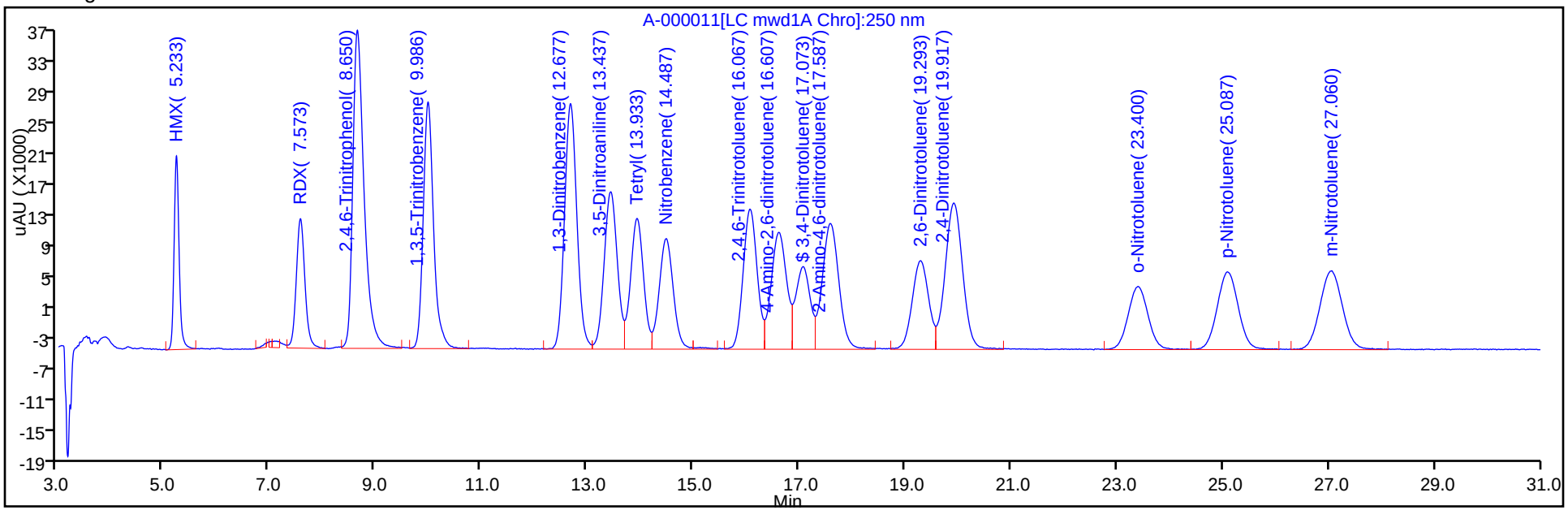
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.587	17.595	-0.008	16240	194.2	
12 2,6-Dinitrotoluene						
1	19.293	19.285	0.008	11446	192.1	
23 2,4-Dinitrotoluene						
1	19.917	19.925	-0.008	18903	196.9	
16 o-Nitrotoluene						
1	23.400	23.415	-0.015	8159	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

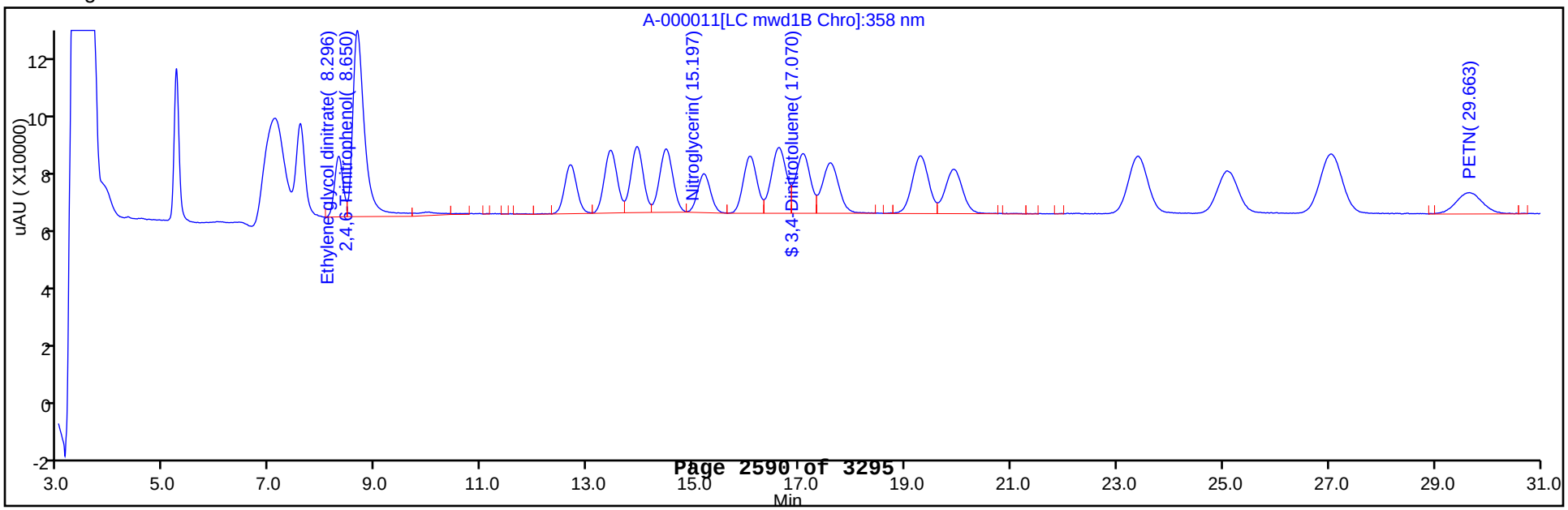
TestAmerica West Sacramento

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	

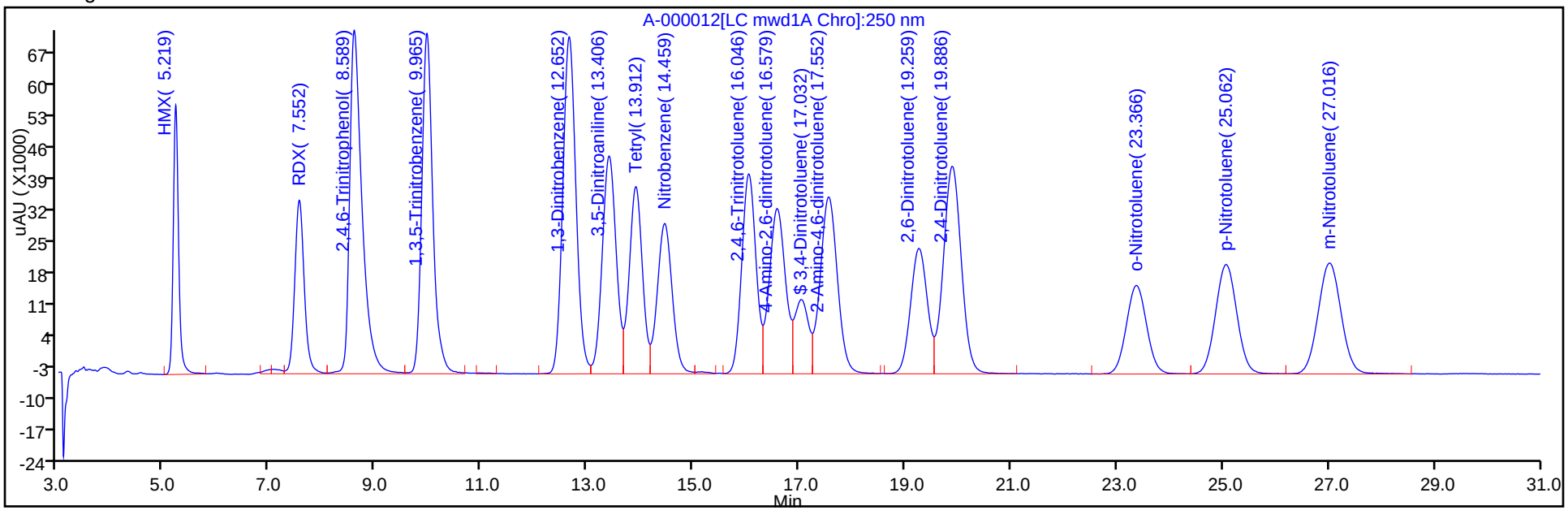
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.552	17.595	-0.043	39404	471.4	
12 2,6-Dinitrotoluene						
1	19.259	19.285	-0.026	27941	469.0	
23 2,4-Dinitrotoluene						
1	19.886	19.925	-0.039	46229	481.7	
16 o-Nitrotoluene						
1	23.366	23.415	-0.049	19740	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

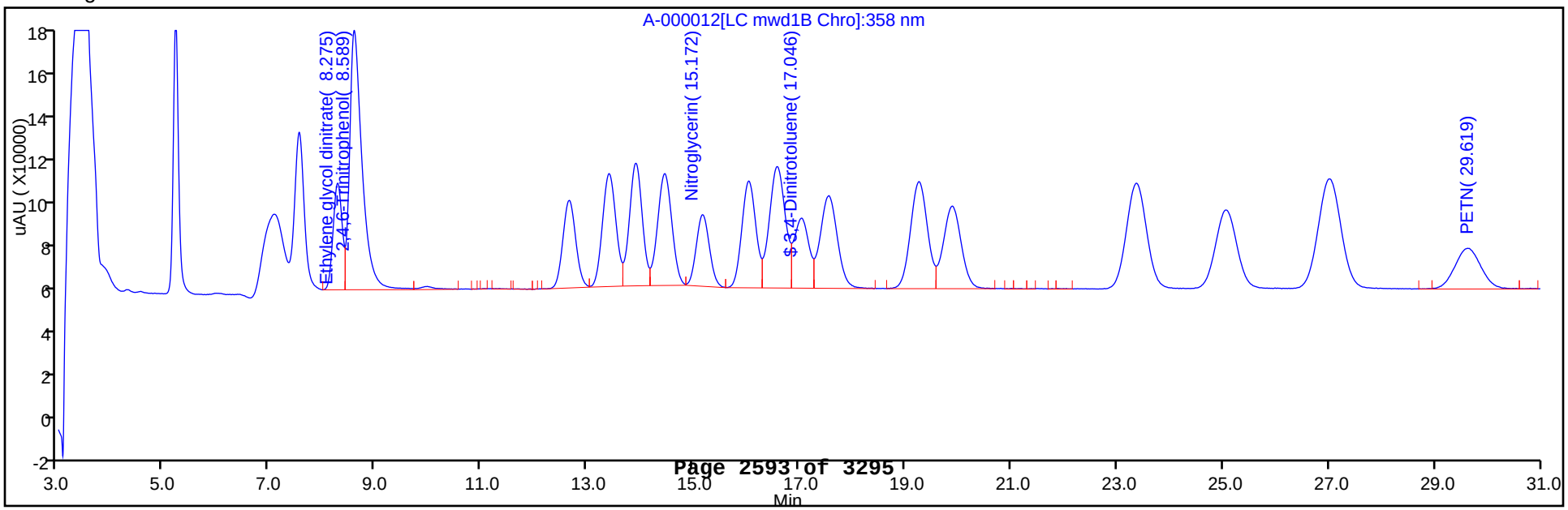
TestAmerica West Sacramento

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	

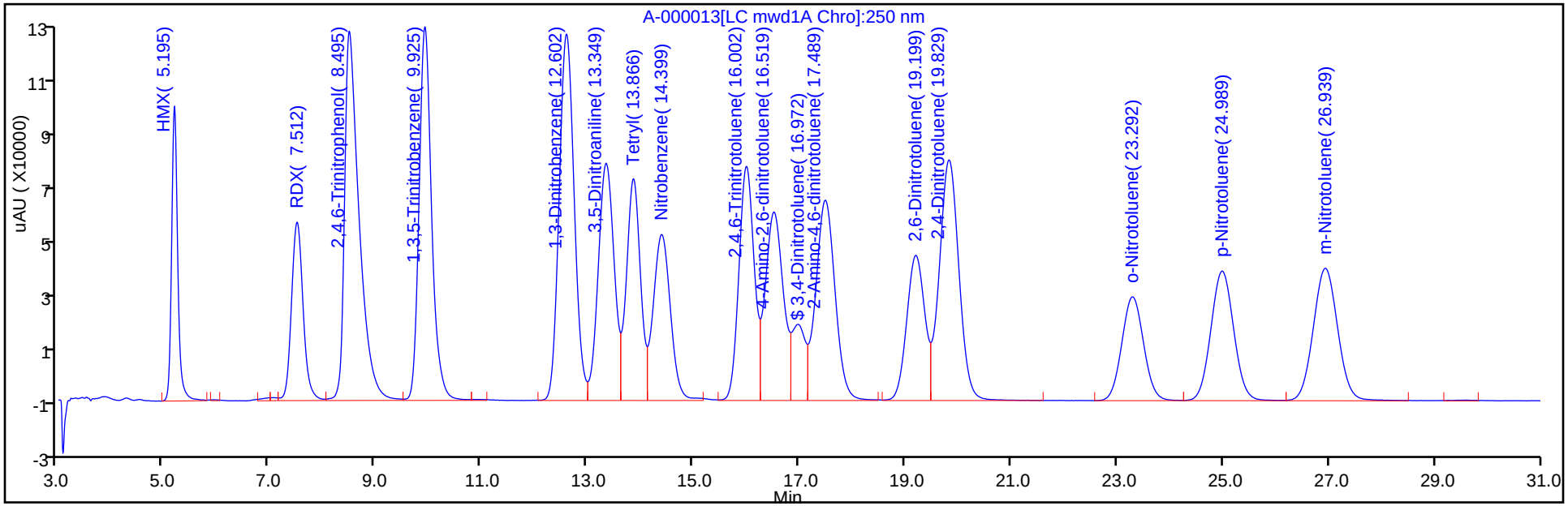
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.489	17.595	-0.106	70652	845.2	
12 2,6-Dinitrotoluene						
1	19.199	19.285	-0.086	51202	859.4	
23 2,4-Dinitrotoluene						
1	19.829	19.925	-0.096	84833	884.0	
16 o-Nitrotoluene						
1	23.292	23.415	-0.123	36585	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

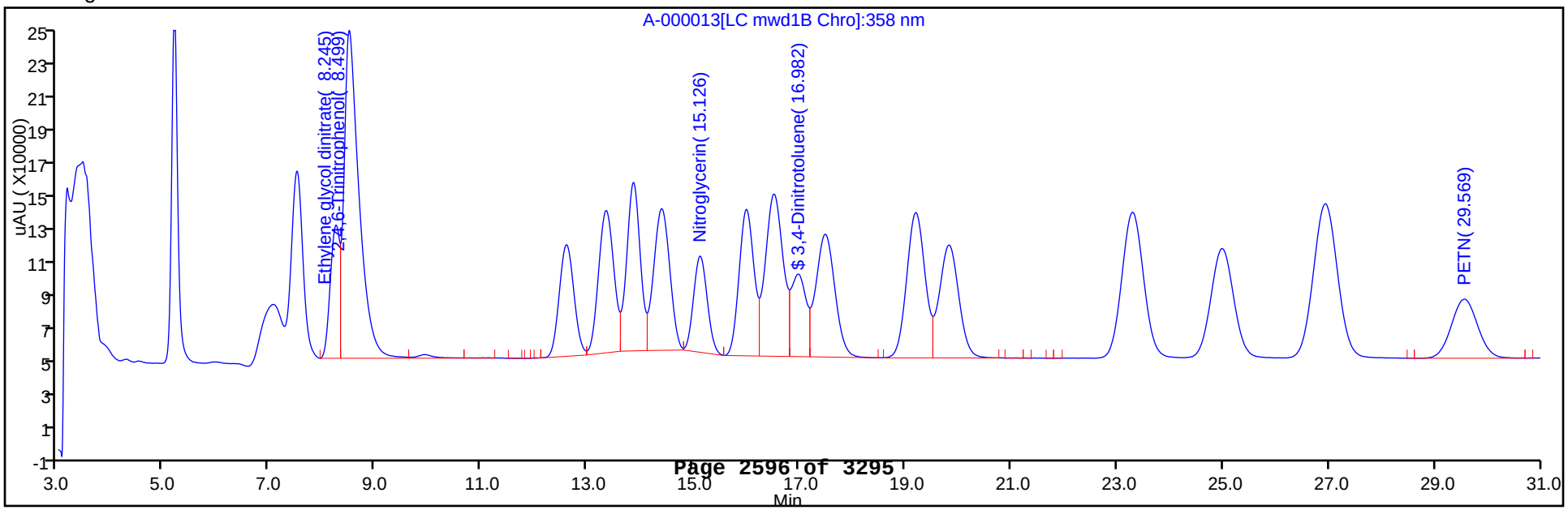
TestAmerica West Sacramento

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 VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

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 Sacramento Job No.: 240-18735-2

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	

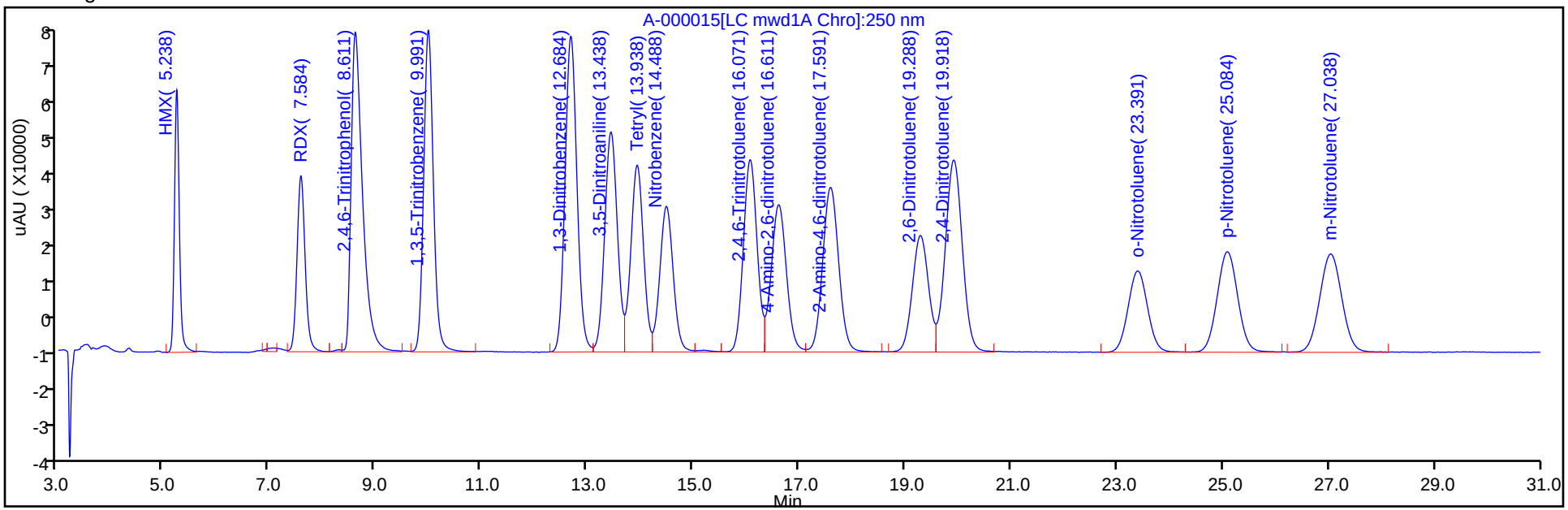
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	19.288	19.285	0.003	28726	482.1	
23 2,4-Dinitrotoluene						
1	19.918	19.925	-0.007	47332	493.2	
16 o-Nitrotoluene						
1	23.391	23.415	-0.024	20070	450.5	
15 p-Nitrotoluene						
1	25.084	25.102	-0.018	24769	463.6	
8 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

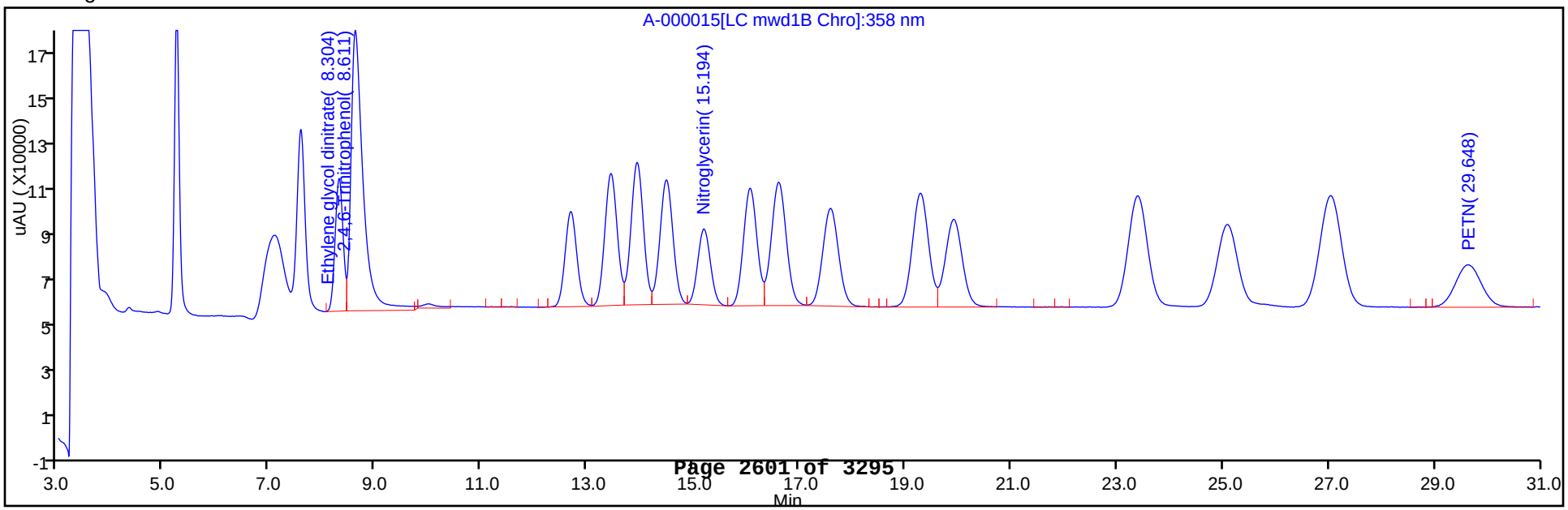
TestAmerica West Sacramento

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 Sacramento Job No.: 240-18735-2

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 Sacramento Job No.: 240-18735-2

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	

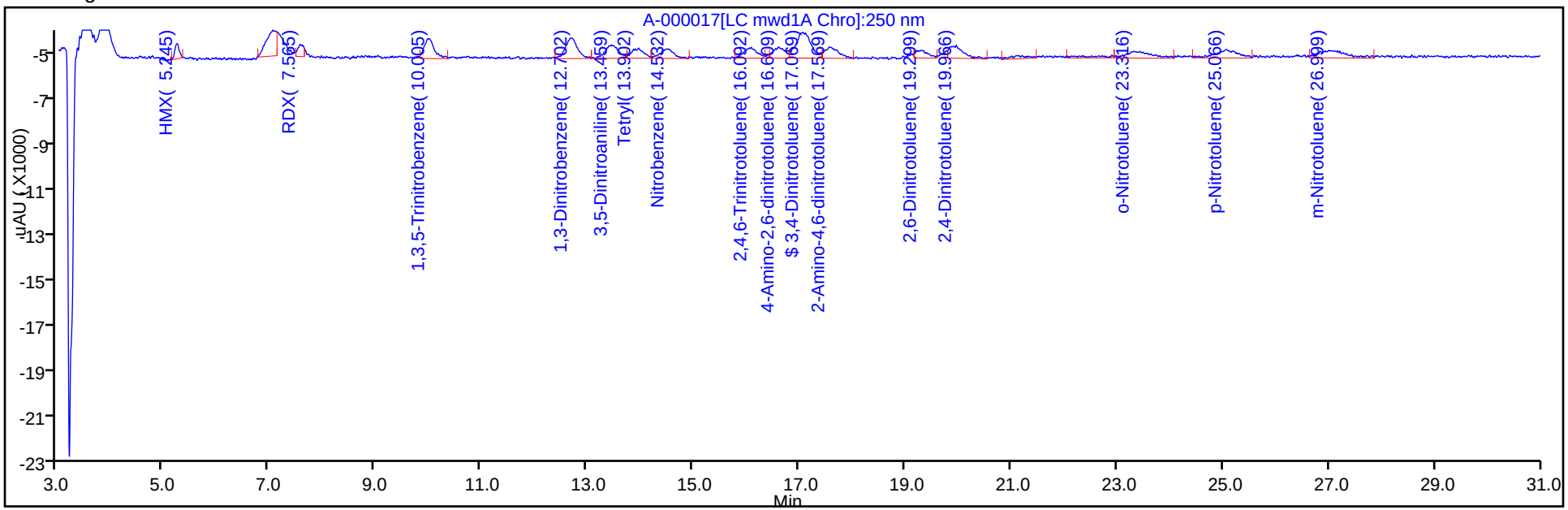
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	23.316	23.415	-0.099	276	6.19	
15 p-Nitrotoluene						
1	25.066	25.102	-0.036	346	6.48	
8 m-Nitrotoluene						
1	26.999	27.052	-0.053	313	5.80	
21 PETN						
2	29.572	29.649	-0.077	728	19.8	

Report Date: 18-Sep-2012 08:28:09 Chrom Revision: 2.1 16-Sep-2012 09:37:06

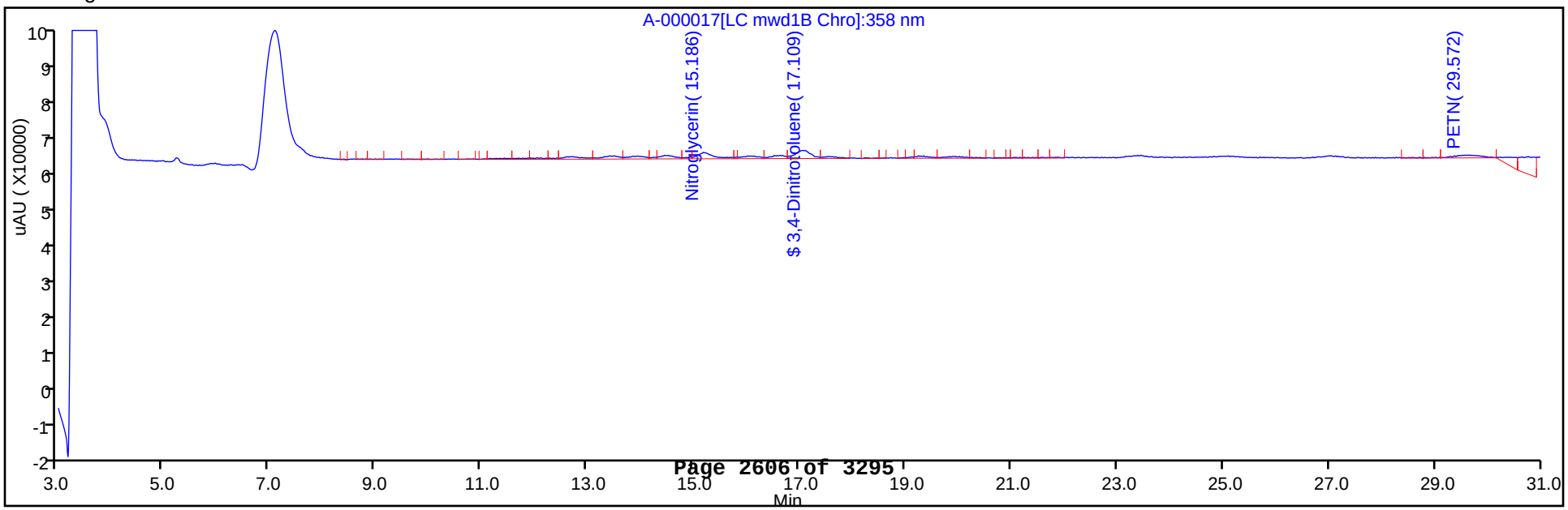
TestAmerica West Sacramento

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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7620/47 Calibration Date: 12/20/2012 23:55

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: S000048.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	166.0		6.60	5.00	31.9*	30.0
RDX	Ave	88.99	147.8		8.30	5.00	66.1*	30.0
1,3,5-Trinitrobenzene	Ave	162.7	198.6		6.10	5.00	22.1	30.0
1,3-Dinitrobenzene	Ave	161.7	194.8		6.02	5.00	20.5	30.0
3,5-Dinitroaniline	Ave	103.9	137.8		6.63	5.00	32.6*	30.0
Tetryl	Ave	86.55	119.4		6.90	5.00	38.0*	30.0
Nitrobenzene	Ave	73.74	103.2		7.00	5.00	40.0*	30.0
Nitroglycerin	Ave	64.89	77.75		24.0	20.0	19.8	30.0
2,4,6-Trinitrotoluene	Ave	92.79	128.6		6.93	5.00	38.6*	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	110.4		7.29	5.00	45.8*	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	104.0		6.22	5.00	24.4	30.0
2,6-Dinitrotoluene	Ave	59.58	92.00		7.72	5.00	54.4*	30.0
2,4-Dinitrotoluene	Ave	95.97	124.8		6.50	5.00	30.0	30.0
2-Nitrotoluene	Ave	44.56	71.60		8.04	5.00	60.7*	30.0
4-Nitrotoluene	Ave	53.43	75.20		7.04	5.00	40.7*	30.0
3-Nitrotoluene	Ave	53.94	69.00		6.40	5.00	27.9	30.0
PETN	Ave	36.72	61.30		33.4	20.0	66.9*	30.0
3,4-Dinitrotoluene	Ave	56.32	59.95		21.3	20.0	6.5	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7620/47 Calibration Date: 12/20/2012 23:55

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: S000048.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.22	4.97	5.47
RDX	7.49	7.24	7.74
1,3,5-Trinitrobenzene	9.84	9.59	10.09
1,3-Dinitrobenzene	12.46	12.21	12.71
3,5-Dinitroaniline	13.21	12.96	13.46
Tetryl	13.64	13.39	13.89
Nitrobenzene	14.20	13.95	14.45
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.75	15.50	16.00
4-Amino-2,6-dinitrotoluene	16.27	16.02	16.52
2-Amino-4,6-dinitrotoluene	17.28	17.03	17.53
2,6-Dinitrotoluene	18.89	18.64	19.14
2,4-Dinitrotoluene	19.46	19.21	19.71
2-Nitrotoluene	22.83	22.58	23.08
4-Nitrotoluene	24.48	24.23	24.73
3-Nitrotoluene	26.26	26.01	26.51
PETN	28.73	28.48	28.98
3,4-Dinitrotoluene	16.75	16.50	17.00

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000048.D
Lims ID: CCVL Client ID:
Inject. Date: 20-Dec-2012 23:55:13 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001888-047
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 7620 Lims Sample ID: 47
Sublist: chrom-8330_LC10*sub2

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 21-Dec-2012 14:23:44 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: XAWRK023

First Level Reviewer: noonanr Date: 21-Dec-2012 14:23:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.218	5.218	0.0	830	6.60	
19 RDX						
1	7.491	7.491	0.0	739	8.30	
27 1,3,5-Trinitrobenzene						
1	9.838	9.838	0.0	993	6.10	
24 1,3-Dinitrobenzene						
1	12.461	12.461	0.0	974	6.02	
9 3,5-Dinitroaniline						
1	13.208	13.208	0.0	689	6.63	
20 Tetryl						
1	13.641	13.641	0.0	597	6.90	
5 Nitrobenzene						
1	14.198	14.198	0.0	516	7.00	
7 Nitroglycerin						
2	14.878	14.878	0.0	1555	24.0	
25 2,4,6-Trinitrotoluene						
1	15.748	15.748	0.0	643	6.93	
26 4-Amino-2,6-dinitrotoluene						M
1	16.271	16.271	0.0	552	7.29	M
$ 30 3,4-Dinitrotoluene						
1	16.751	16.751	0.0	1199	21.3	
2	16.738	16.738	0.0	2295	22.2	
6 2-Amino-4,6-dinitrotoluene						
1	17.278	17.278	0.0	520	6.22	
12 2,6-Dinitrotoluene						
1	18.894	18.894	0.0	460	7.72	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	19.458	19.458	0.0	624	6.50	
16 o-Nitrotoluene						
1	22.828	22.828	0.0	358	8.04	
15 p-Nitrotoluene						
1	24.484	24.484	0.0	376	7.04	
8 m-Nitrotoluene						
1	26.261	26.261	0.0	345	6.40	
21 PETN						
2	28.731	28.731	0.0	1226	33.4	

QC Flag Legend

Review Flags
M - Manually Integrated

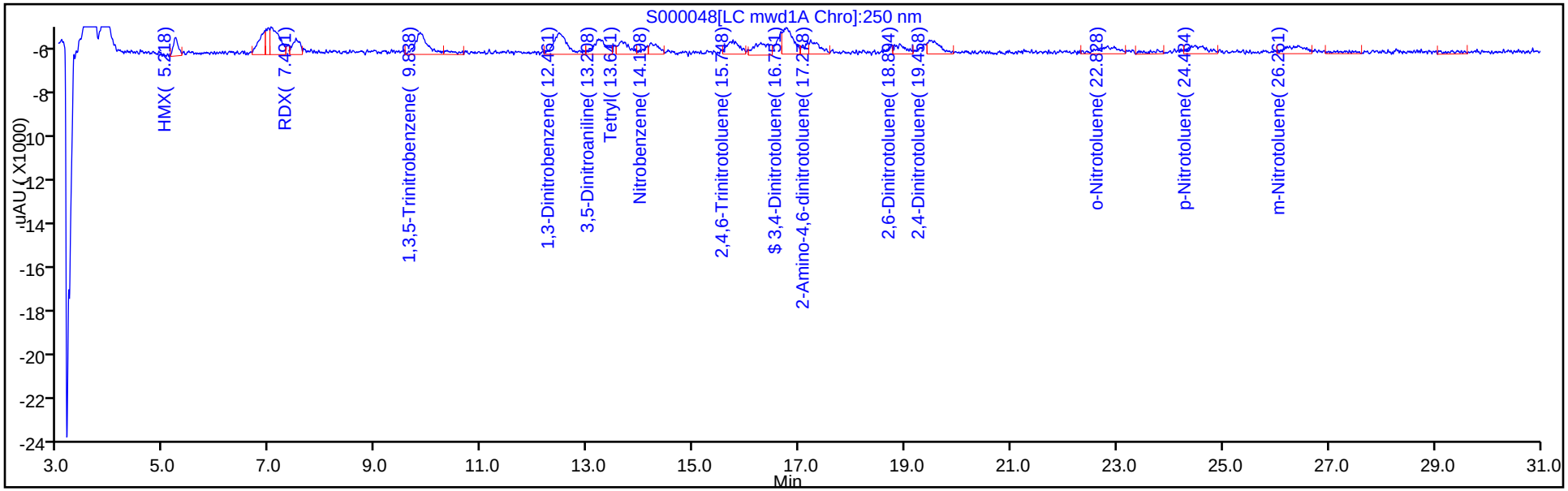
Report Date: 21-Dec-2012 14:23:45 Chrom Revision: 2.1 20-Dec-2012 15:49:16

TestAmerica West Sacramento

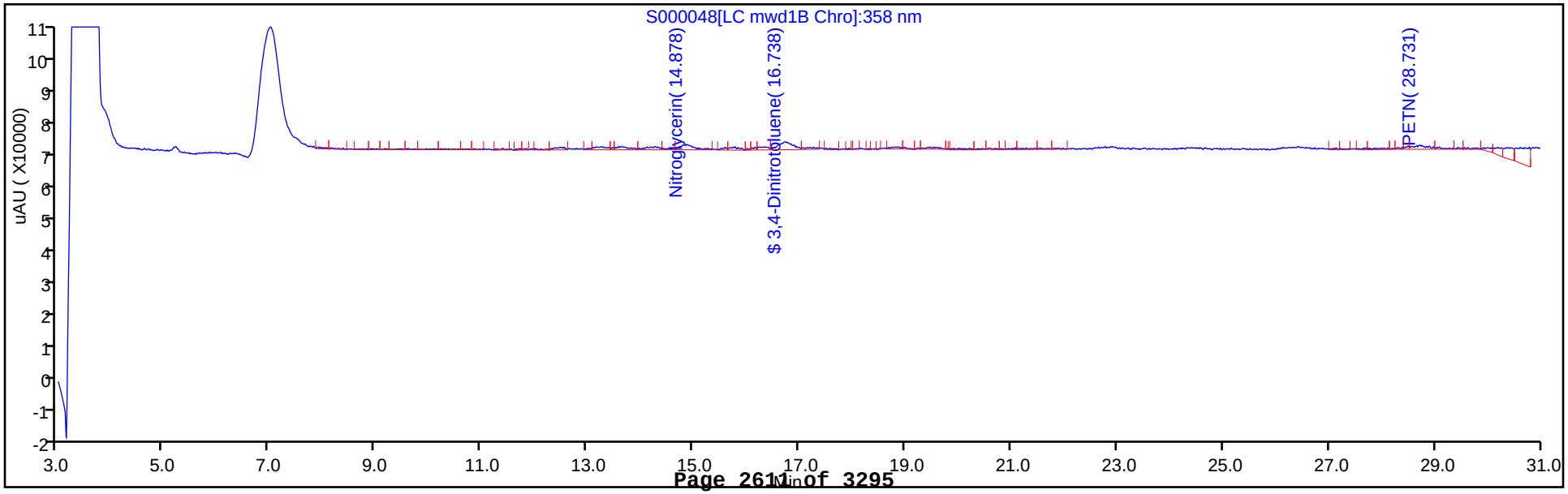
Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000048.D

Injection Date:	20-Dec-2012 23:55:13	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	47
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

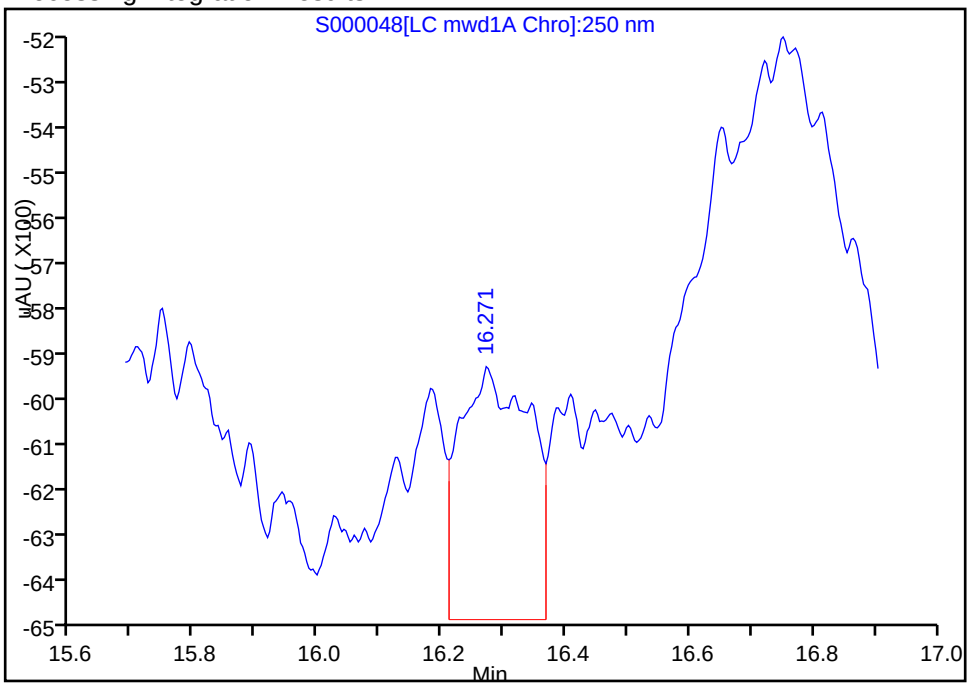
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000048.D		
Injection Date:	20-Dec-2012 23:55:13	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	47
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

26 4-Amino-2,6-dinitrotoluene, Signal: 1, Type: quant, RT: 16.27, Det: LC mwd1A

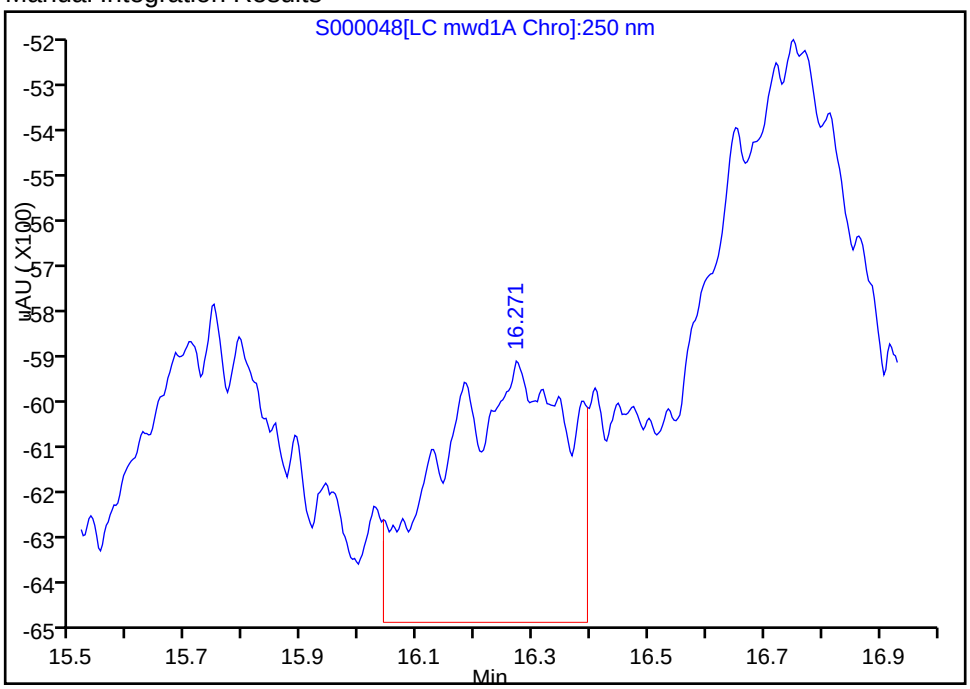
Processing Integration Results

RT: 16.27
Response: 521
Amount: 6.879636



Manual Integration Results

RT: 16.27
Response: 552
Amount: 7.288981



Reviewer: noonanr, 21-Dec-2012 14:23:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7620/67 Calibration Date: 12/21/2012 12:41

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: S000067.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	129.1		103	100	2.7	20.0
RDX	Ave	88.99	88.16		99.1	100	-0.9	20.0
Ethylene glycol dinitrate	Ave	96.86	103.1		106	100	6.5	20.0
1,3,5-Trinitrobenzene	Ave	162.7	163.8		101	100	0.7	20.0
1,3-Dinitrobenzene	Ave	161.7	164.7		102	100	1.9	20.0
3,5-Dinitroaniline	Ave	103.9	104.8		101	100	0.9	20.0
Tetryl	Ave	86.55	92.91		107	100	7.3	20.0
Nitrobenzene	Ave	73.74	72.18		97.9	100	-2.1	20.0
Nitroglycerin	Ave	64.89	66.61		103	100	2.7	20.0
2,4,6-Trinitrotoluene	Ave	92.79	98.95		107	100	6.6	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	75.59		99.8	100	-0.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.95		99.2	100	-0.8	20.0
2,6-Dinitrotoluene	Ave	59.58	58.73		98.6	100	-1.4	20.0
2,4-Dinitrotoluene	Ave	95.97	96.38		100	100	0.4	20.0
2-Nitrotoluene	Ave	44.56	42.34		95.0	100	-5.0	20.0
4-Nitrotoluene	Ave	53.43	50.98		95.4	100	-4.6	20.0
3-Nitrotoluene	Ave	53.94	50.97		94.5	100	-5.5	20.0
PETN	Ave	36.72	38.94		106	100	6.0	20.0
3,4-Dinitrotoluene	Ave	56.32	53.23		94.5	100	-5.5	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7620/67 Calibration Date: 12/21/2012 12:41

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: S000067.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.22	4.97	5.47
RDX	7.51	7.26	7.76
Ethylene glycol dinitrate	8.21	7.96	8.46
1,3,5-Trinitrobenzene	9.86	9.61	10.11
1,3-Dinitrobenzene	12.48	12.23	12.73
3,5-Dinitroaniline	13.22	12.97	13.47
Tetryl	13.65	13.40	13.90
Nitrobenzene	14.22	13.97	14.47
Nitroglycerin	14.89	14.64	15.14
2,4,6-Trinitrotoluene	15.76	15.51	16.01
4-Amino-2,6-dinitrotoluene	16.30	16.05	16.55
2-Amino-4,6-dinitrotoluene	17.27	17.02	17.52
2,6-Dinitrotoluene	18.88	18.63	19.13
2,4-Dinitrotoluene	19.52	19.27	19.77
2-Nitrotoluene	22.89	22.64	23.14
4-Nitrotoluene	24.56	24.31	24.81
3-Nitrotoluene	26.43	26.18	26.68
PETN	28.81	28.56	29.06
3,4-Dinitrotoluene	16.75	16.50	17.00

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000067.D
Lims ID: CCV 05 Client ID:
Inject. Date: 21-Dec-2012 12:41:57 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001888-067
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 5
Lims Batch ID: 7620 Lims Sample ID: 67
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 26-Dec-2012 08:27:30 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: XAWRK028

First Level Reviewer: noonanr Date: 26-Dec-2012 08:27:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.220	5.220	0.0	12914	102.7	
19 RDX						
1	7.507	7.507	0.0	8816	99.1	
3 Ethylene glycol dinitrate						
2	8.207	8.207	0.0	10314	106.5	
10 2,4,6-Trinitrophenol						
2	8.620	8.620	0.0	24659	200.2	
1	8.623	8.623	0.0	17166	207.6	
27 1,3,5-Trinitrobenzene						
1	9.857	9.857	0.0	16383	100.7	
24 1,3-Dinitrobenzene						
1	12.483	12.483	0.0	16466	101.9	
9 3,5-Dinitroaniline						
1	13.223	13.223	0.0	10481	100.9	
20 Tetryl						
1	13.650	13.650	0.0	9291	107.3	
5 Nitrobenzene						
1	14.223	14.223	0.0	7218	97.9	
7 Nitroglycerin						
2	14.887	14.887	0.0	6661	102.7	
25 2,4,6-Trinitrotoluene						
1	15.757	15.757	0.0	9895	106.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.297	16.297	0.0	7559	99.8	
$ 30 3,4-Dinitrotoluene						
1	16.747	16.747	0.0	5323	94.5	
2	16.780	16.780	0.0	10174	98.5	

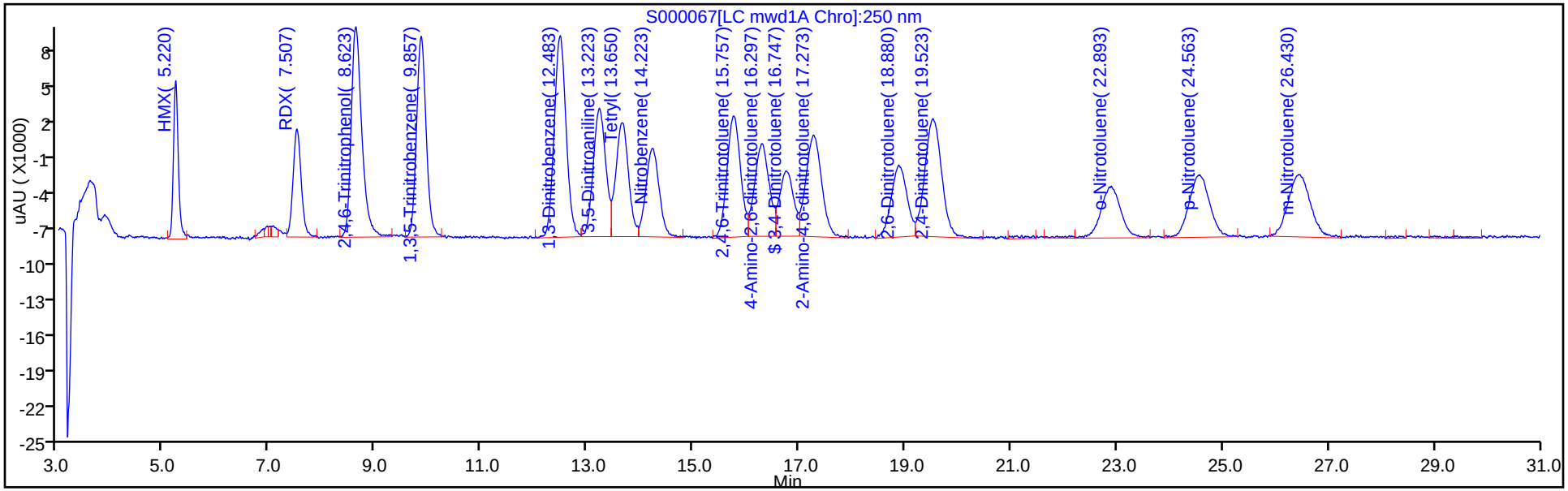
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.273	17.273	0.0	8295	99.2	
12 2,6-Dinitrotoluene						
1	18.880	18.880	0.0	5873	98.6	
23 2,4-Dinitrotoluene						
1	19.523	19.523	0.0	9638	100.4	
16 o-Nitrotoluene						
1	22.893	22.893	0.0	4234	95.0	
15 p-Nitrotoluene						
1	24.563	24.563	0.0	5098	95.4	
8 m-Nitrotoluene						
1	26.430	26.430	0.0	5097	94.5	
21 PETN						
2	28.807	28.807	0.0	3894	106.0	

Report Date: 26-Dec-2012 08:27:31 Chrom Revision: 2.1 24-Dec-2012 15:14:58

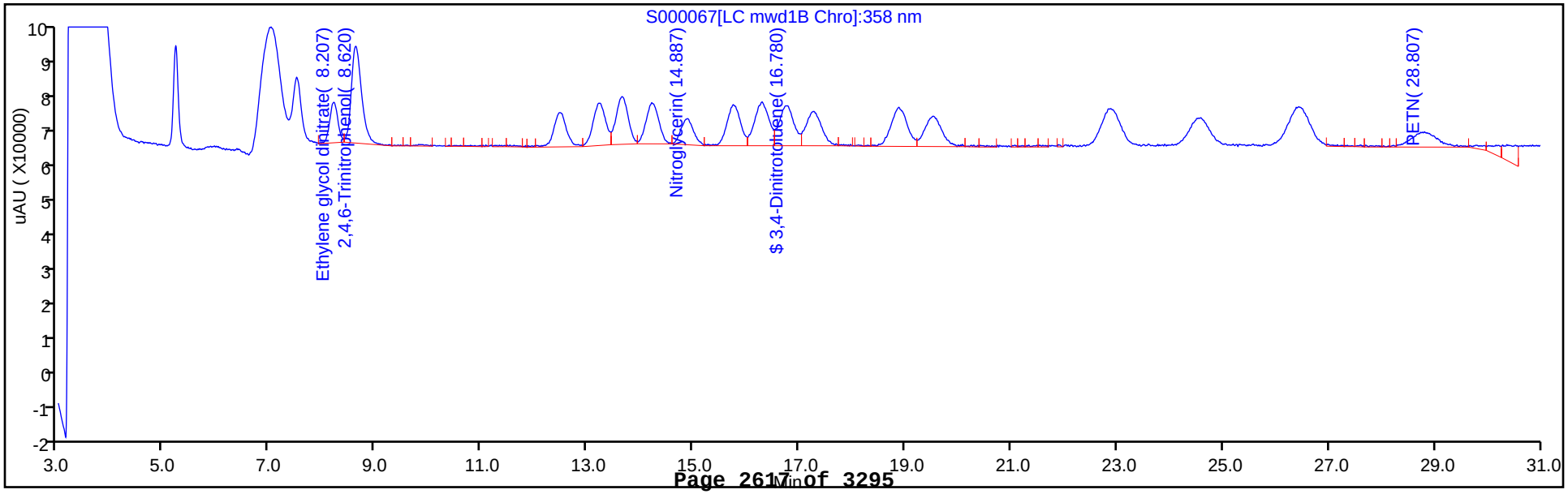
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000067.D		
Injection Date:	21-Dec-2012 12:41:57	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	67
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 Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7620/73 Calibration Date: 12/21/2012 16:42

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: S000073.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		101	100	1.1	20.0
RDX	Ave	88.99	87.69		98.5	100	-1.5	20.0
Ethylene glycol dinitrate	Ave	96.86	103.7		107	100	7.0	20.0
1,3,5-Trinitrobenzene	Ave	162.7	162.5		99.9	100	-0.1	20.0
1,3-Dinitrobenzene	Ave	161.7	162.9		101	100	0.8	20.0
3,5-Dinitroaniline	Ave	103.9	104.1		100	100	0.2	20.0
Tetryl	Ave	86.55	92.94		107	100	7.4	20.0
Nitrobenzene	Ave	73.74	74.35		101	100	0.8	20.0
Nitroglycerin	Ave	64.89	66.92		103	100	3.1	20.0
2,4,6-Trinitrotoluene	Ave	92.79	96.91		104	100	4.4	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	73.77		97.4	100	-2.6	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.31		98.5	100	-1.5	20.0
2,6-Dinitrotoluene	Ave	59.58	57.91		97.2	100	-2.8	20.0
2,4-Dinitrotoluene	Ave	95.97	95.64		99.7	100	-0.3	20.0
2-Nitrotoluene	Ave	44.56	42.48		95.3	100	-4.7	20.0
4-Nitrotoluene	Ave	53.43	51.48		96.4	100	-3.6	20.0
3-Nitrotoluene	Ave	53.94	52.05		96.5	100	-3.5	20.0
PETN	Ave	36.72	39.50		108	100	7.6	20.0
3,4-Dinitrotoluene	Ave	56.32	54.04		96.0	100	-4.0	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 320-7620/73 Calibration Date: 12/21/2012 16:42

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: S000073.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.23	4.98	5.48
RDX	7.52	7.27	7.77
Ethylene glycol dinitrate	8.21	7.96	8.46
1,3,5-Trinitrobenzene	9.87	9.62	10.12
1,3-Dinitrobenzene	12.51	12.26	12.76
3,5-Dinitroaniline	13.27	13.02	13.52
Tetryl	13.69	13.44	13.94
Nitrobenzene	14.26	14.01	14.51
Nitroglycerin	14.91	14.66	15.16
2,4,6-Trinitrotoluene	15.79	15.54	16.04
4-Amino-2,6-dinitrotoluene	16.34	16.09	16.59
2-Amino-4,6-dinitrotoluene	17.31	17.06	17.56
2,6-Dinitrotoluene	18.93	18.68	19.18
2,4-Dinitrotoluene	19.57	19.32	19.82
2-Nitrotoluene	22.90	22.65	23.15
4-Nitrotoluene	24.58	24.33	24.83
3-Nitrotoluene	26.46	26.21	26.71
PETN	28.84	28.59	29.09
3,4-Dinitrotoluene	16.80	16.55	17.05

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000073.D
Lims ID: CCV 05 Client ID:
Inject. Date: 21-Dec-2012 16:42:51 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001888-073
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 6
Lims Batch ID: 7620 Lims Sample ID: 73
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 26-Dec-2012 08:30:06 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: XAWRK028

First Level Reviewer: noonanr Date: 26-Dec-2012 08:30:06

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.226	5.226	0.0	12724	101.1	
19 RDX						
1	7.523	7.523	0.0	8769	98.5	
3 Ethylene glycol dinitrate						
2	8.213	8.213	0.0	10366	107.0	
10 2,4,6-Trinitrophenol						
2	8.643	8.643	0.0	24577	199.6	
1	8.639	8.639	0.0	17036	206.1	
27 1,3,5-Trinitrobenzene						
1	9.869	9.869	0.0	16251	99.9	
24 1,3-Dinitrobenzene						
1	12.506	12.506	0.0	16290	100.8	
9 3,5-Dinitroaniline						
1	13.270	13.270	0.0	10410	100.2	
20 Tetryl						
1	13.690	13.690	0.0	9294	107.4	
5 Nitrobenzene						
1	14.256	14.256	0.0	7435	100.8	
7 Nitroglycerin						
2	14.913	14.913	0.0	6692	103.1	
25 2,4,6-Trinitrotoluene						
1	15.790	15.790	0.0	9691	104.4	
26 4-Amino-2,6-dinitrotoluene						
1	16.343	16.343	0.0	7377	97.4	
$ 30 3,4-Dinitrotoluene						
1	16.796	16.796	0.0	5404	96.0	
2	16.806	16.806	0.0	10108	97.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.306	17.306	0.0	8231	98.5	
12 2,6-Dinitrotoluene						
1	18.930	18.930	0.0	5791	97.2	
23 2,4-Dinitrotoluene						
1	19.570	19.570	0.0	9564	99.7	
16 o-Nitrotoluene						
1	22.900	22.900	0.0	4248	95.3	
15 p-Nitrotoluene						
1	24.576	24.576	0.0	5148	96.4	
8 m-Nitrotoluene						M
1	26.463	26.463	0.0	5205	96.5	M
21 PETN						
2	28.843	28.843	0.0	3950	107.6	

QC Flag Legend

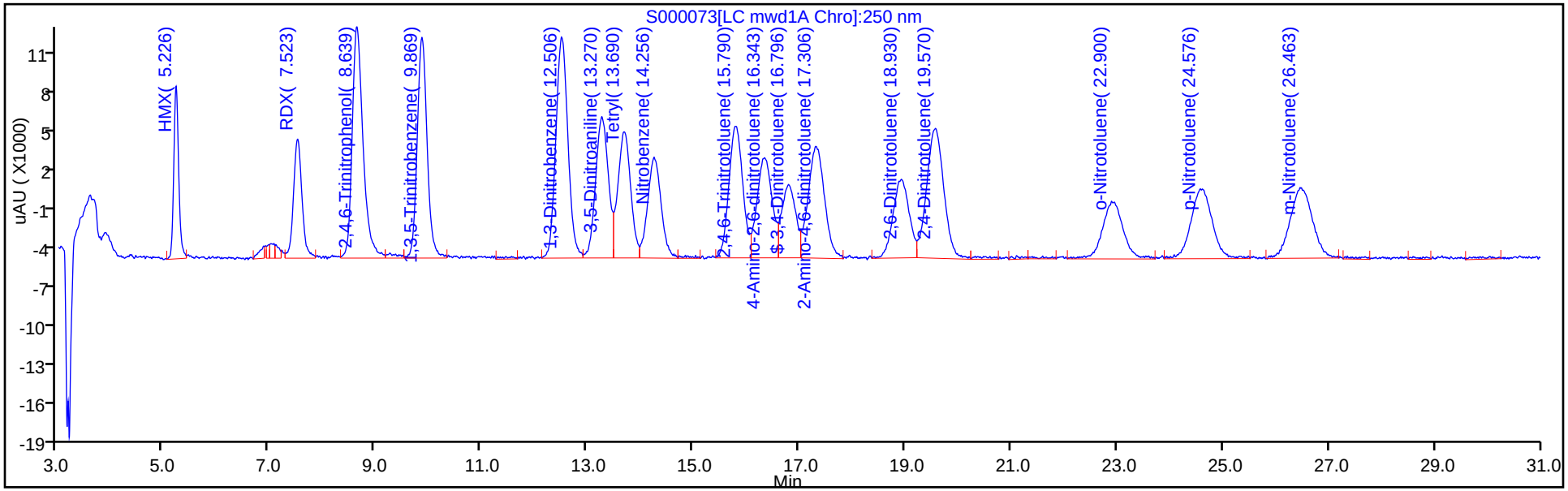
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 08:30:07 Chrom Revision: 2.1 24-Dec-2012 15:14:58

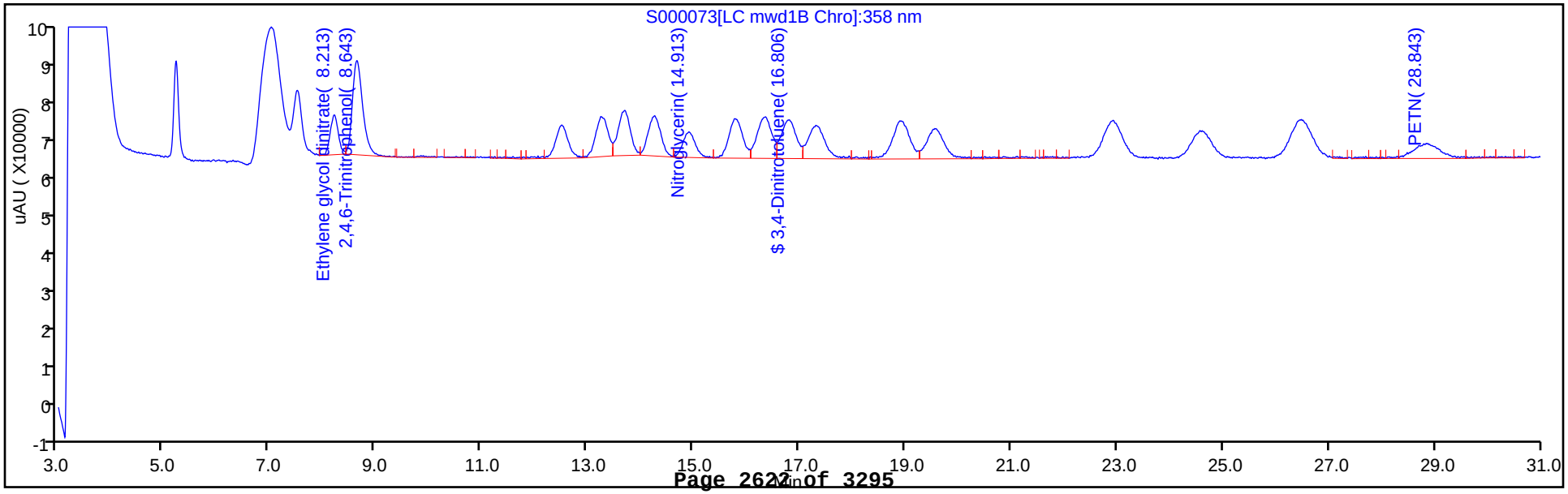
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000073.D		
Injection Date:	21-Dec-2012 16:42:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	73
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

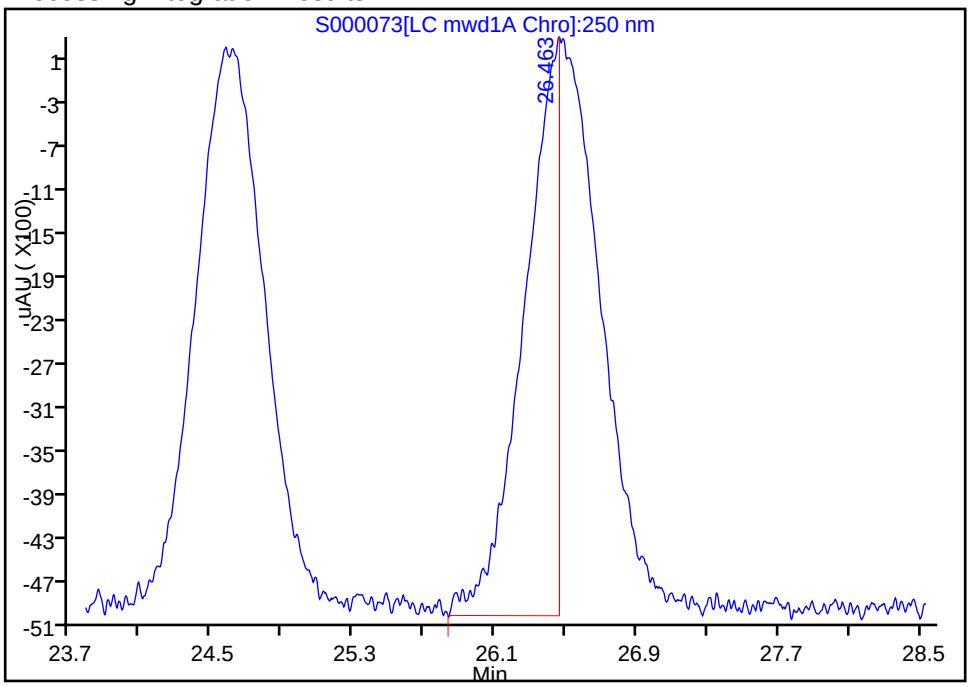
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000073.D		
Injection Date:	21-Dec-2012 16:42:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	73
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: 26.46, Det: LC mwd1A

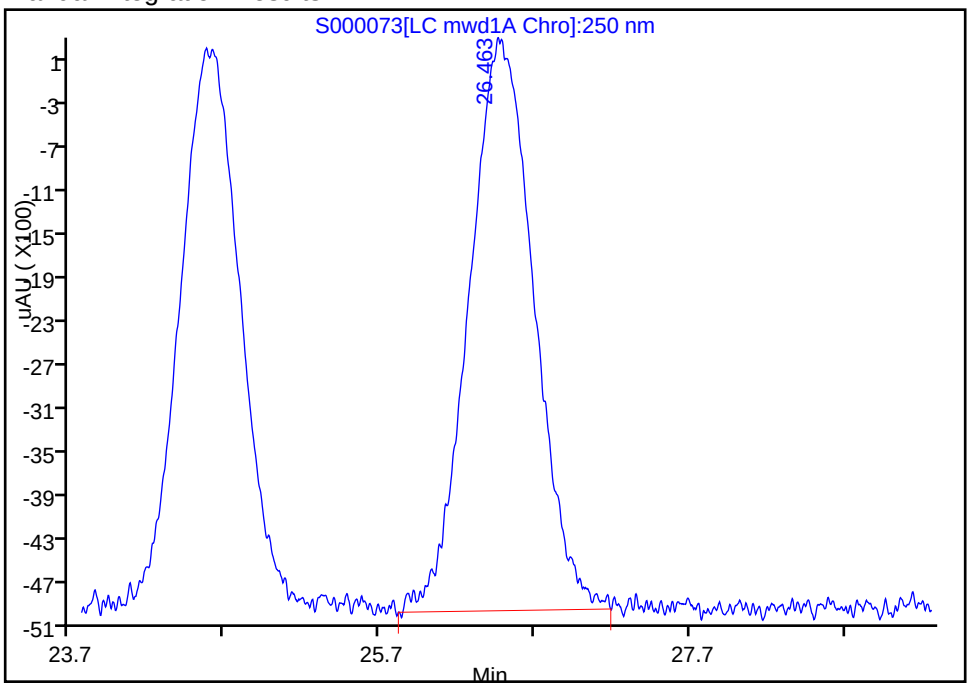
Processing Integration Results

RT: 26.46
Response: 5258
Amount: 97.486813



Manual Integration Results

RT: 26.46
Response: 5205
Amount: 96.504158



Reviewer: noonanr, 26-Dec-2012 08:30:06
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7620/74 Calibration Date: 12/21/2012 17:23

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: S000074.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	151.0		6.00	5.00	20.0	30.0
RDX	Ave	88.99	118.8		6.68	5.00	33.5*	30.0
1,3,5-Trinitrobenzene	Ave	162.7	190.8		5.86	5.00	17.3	30.0
1,3-Dinitrobenzene	Ave	161.7	203.2		6.28	5.00	25.7	30.0
3,5-Dinitroaniline	Ave	103.9	130.6		6.28	5.00	25.7	30.0
Tetryl	Ave	86.55	117.8		6.81	5.00	36.1*	30.0
Nitrobenzene	Ave	73.74	88.80		6.02	5.00	20.4	30.0
Nitroglycerin	Ave	64.89	83.00		25.6	20.0	27.9	30.0
2,4,6-Trinitrotoluene	Ave	92.79	118.0		6.36	5.00	27.2	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	100.6		6.64	5.00	32.8*	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	110.6		6.62	5.00	32.3*	30.0
2,6-Dinitrotoluene	Ave	59.58	85.20		7.15	5.00	43.0*	30.0
2,4-Dinitrotoluene	Ave	95.97	131.2		6.84	5.00	36.7*	30.0
2-Nitrotoluene	Ave	44.56	70.80		7.95	5.00	58.9*	30.0
4-Nitrotoluene	Ave	53.43	76.40		7.15	5.00	43.0*	30.0
3-Nitrotoluene	Ave	53.94	72.00		6.67	5.00	33.5*	30.0
PETN	Ave	36.72	51.45		28.0	20.0	40.1*	30.0
3,4-Dinitrotoluene	Ave	56.32	57.95		20.6	20.0	2.9	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCVL 320-7620/74 Calibration Date: 12/21/2012 17:23

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: S000074.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.22	4.97	5.47
RDX	7.49	7.24	7.74
1,3,5-Trinitrobenzene	9.84	9.59	10.09
1,3-Dinitrobenzene	12.51	12.26	12.76
3,5-Dinitroaniline	13.25	13.00	13.50
Tetryl	13.67	13.42	13.92
Nitrobenzene	14.23	13.98	14.48
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.76	15.51	16.01
4-Amino-2,6-dinitrotoluene	16.22	15.97	16.47
2-Amino-4,6-dinitrotoluene	17.28	17.03	17.53
2,6-Dinitrotoluene	18.93	18.68	19.18
2,4-Dinitrotoluene	19.54	19.29	19.79
2-Nitrotoluene	22.89	22.64	23.14
4-Nitrotoluene	24.63	24.38	24.88
3-Nitrotoluene	26.34	26.09	26.59
PETN	28.86	28.61	29.11
3,4-Dinitrotoluene	16.75	16.50	17.00

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D
Lims ID: CCVL Client ID:
Inject. Date: 21-Dec-2012 17:23:00 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001888-074
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 7620 Lims Sample ID: 74
Sublist: chrom-8330_LC10*sub2

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 26-Dec-2012 08:51:03 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: XAWRK028

First Level Reviewer: noonanr Date: 26-Dec-2012 08:51:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.218	5.218	0.0	755	6.00	
19 RDX						M
1	7.491	7.491	0.0	594	6.68	M
27 1,3,5-Trinitrobenzene						M
1	9.838	9.838	0.0	954	5.86	M
24 1,3-Dinitrobenzene						M
1	12.508	12.508	0.0	1016	6.28	M
9 3,5-Dinitroaniline						M
1	13.254	13.254	0.0	653	6.28	M
20 Tetryl						M
1	13.671	13.671	0.0	589	6.81	M
5 Nitrobenzene						M
1	14.234	14.234	0.0	444	6.02	M
7 Nitroglycerin						
2	14.884	14.884	0.0	1660	25.6	
25 2,4,6-Trinitrotoluene						M
1	15.761	15.761	0.0	590	6.36	M
26 4-Amino-2,6-dinitrotoluene						M
1	16.221	16.221	0.0	503	6.64	M
$ 30 3,4-Dinitrotoluene						M
1	16.754	16.754	0.0	1159	20.6	M
2	16.754	16.754	0.0	2211	21.4	
6 2-Amino-4,6-dinitrotoluene						M
1	17.284	17.284	0.0	553	6.62	M
12 2,6-Dinitrotoluene						M
1	18.934	18.934	0.0	426	7.15	M

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						M
1	19.544	19.544	0.0	656	6.84	M
16 o-Nitrotoluene						M
1	22.891	22.891	0.0	354	7.95	M
15 p-Nitrotoluene						M
1	24.631	24.631	0.0	382	7.15	M
8 m-Nitrotoluene						M
1	26.344	26.344	0.0	360	6.67	M
21 PETN						M
2	28.861	28.861	0.0	1029	28.0	M

QC Flag Legend

Review Flags
M - Manually Integrated

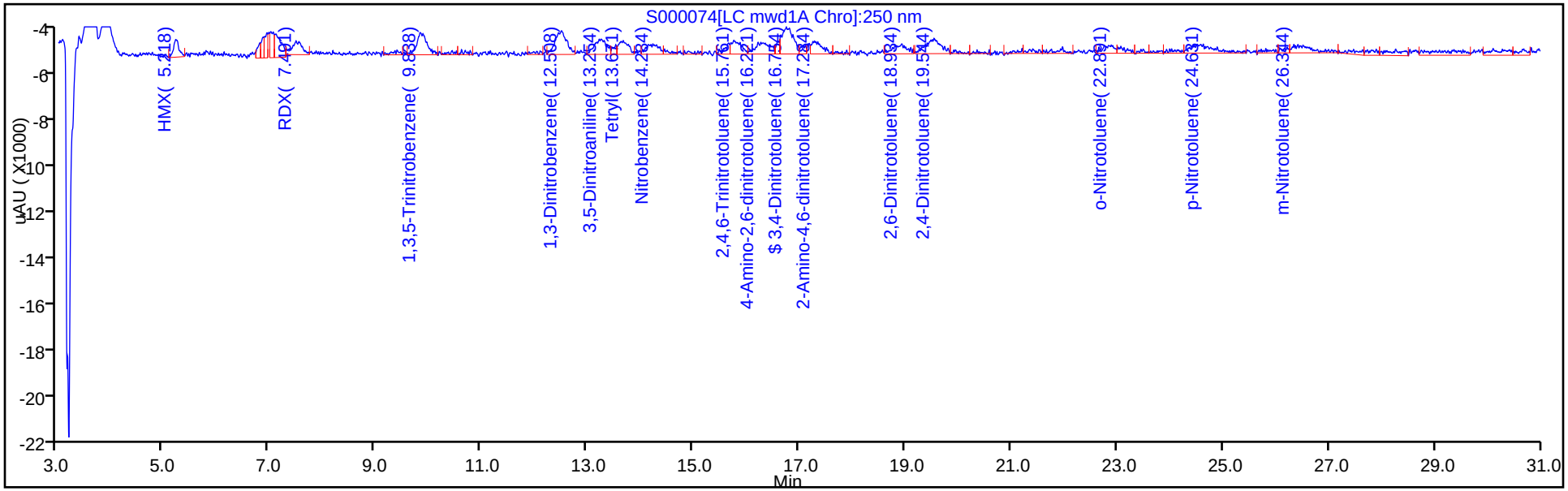
Report Date: 26-Dec-2012 08:51:04 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

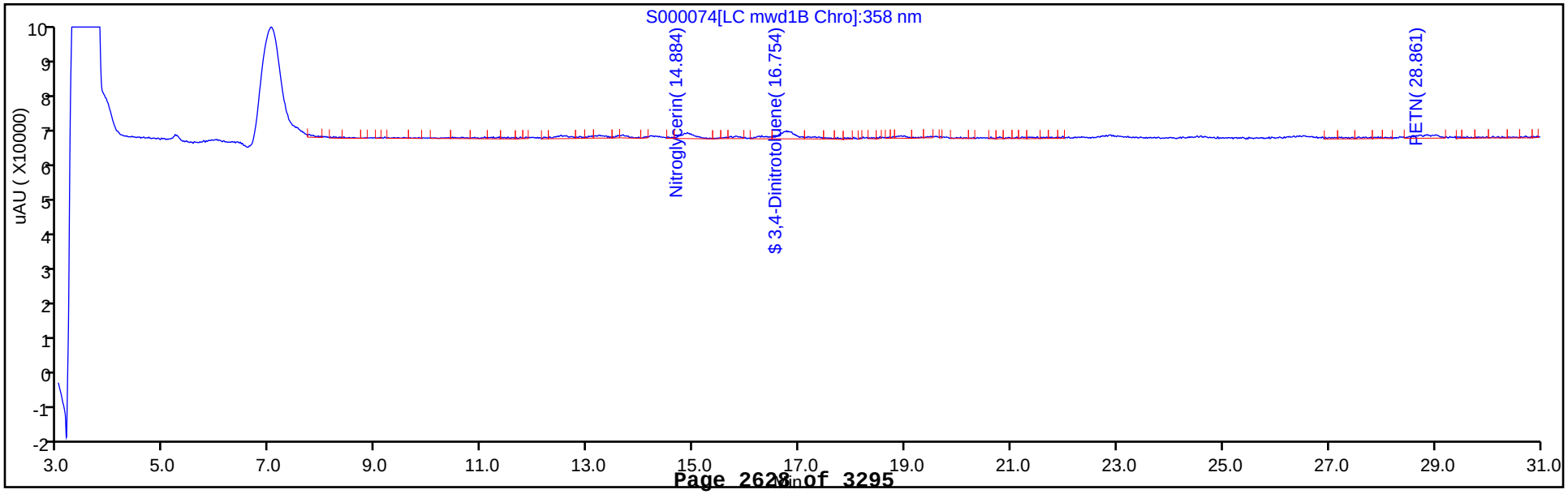
Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D

Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
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

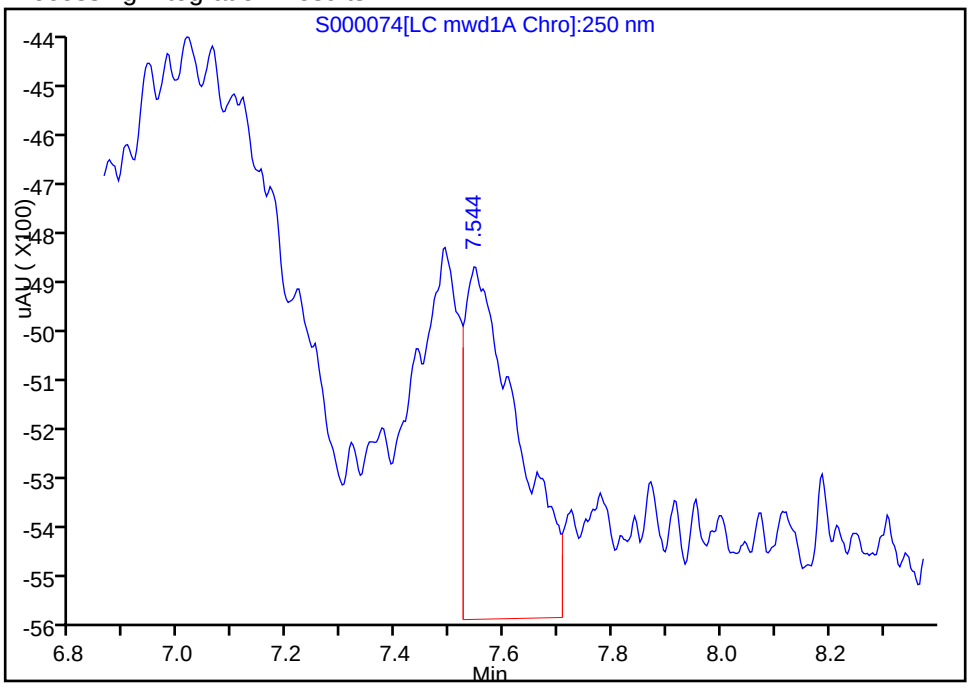
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
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: 7.49, Det: LC mwd1A

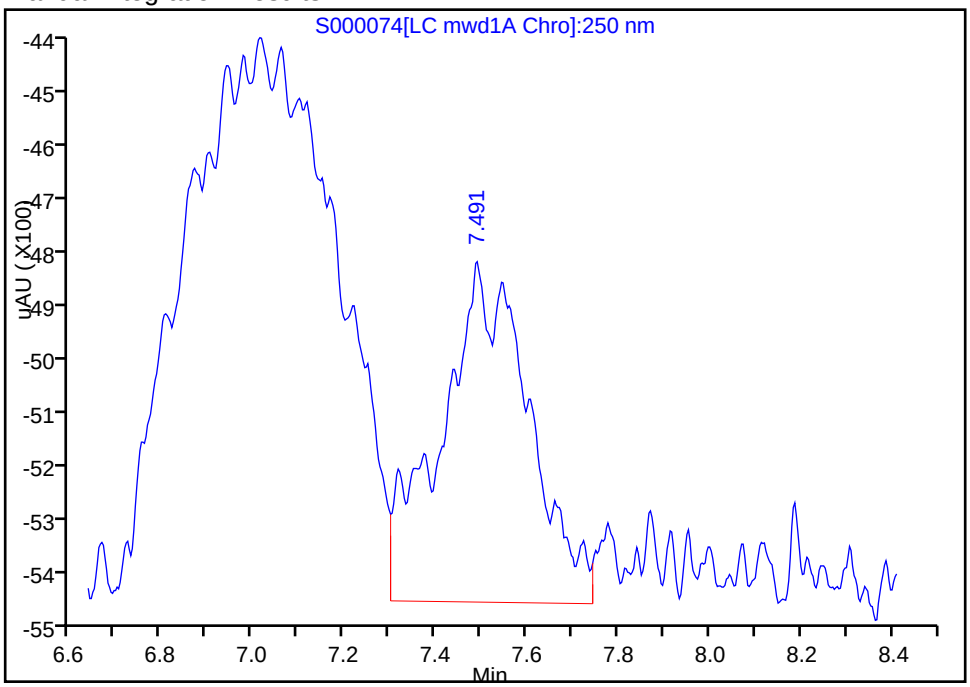
Processing Integration Results

RT: 7.54
Response: 654
Amount: 7.349429



Manual Integration Results

RT: 7.49
Response: 594
Amount: 6.675170



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

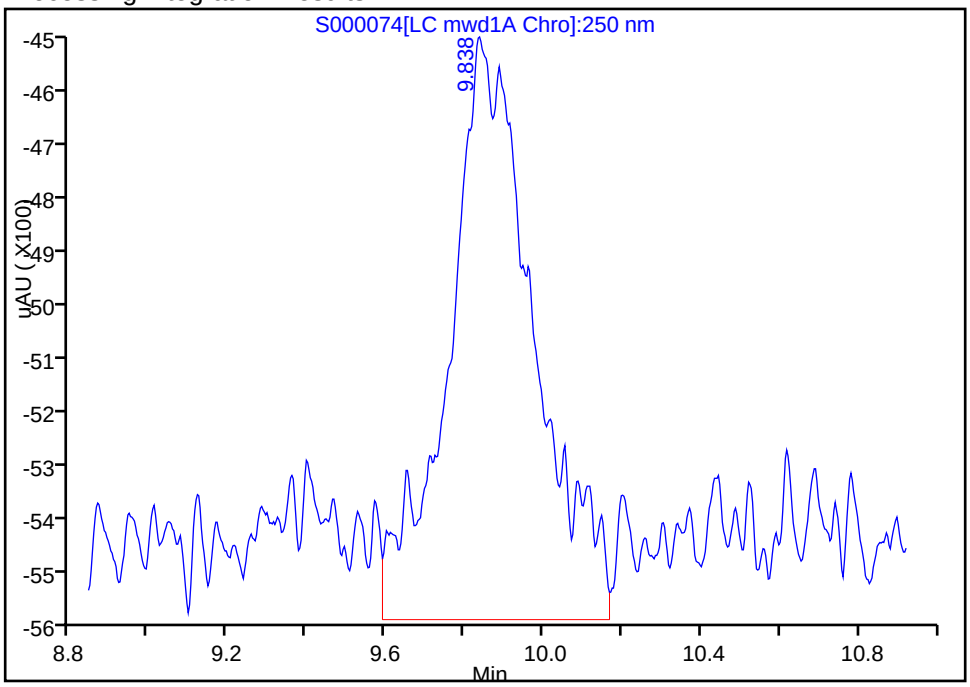
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

27 1,3,5-Trinitrobenzene, Signal: 1, Type: quant, RT: 9.84, Det: LC mwd1A

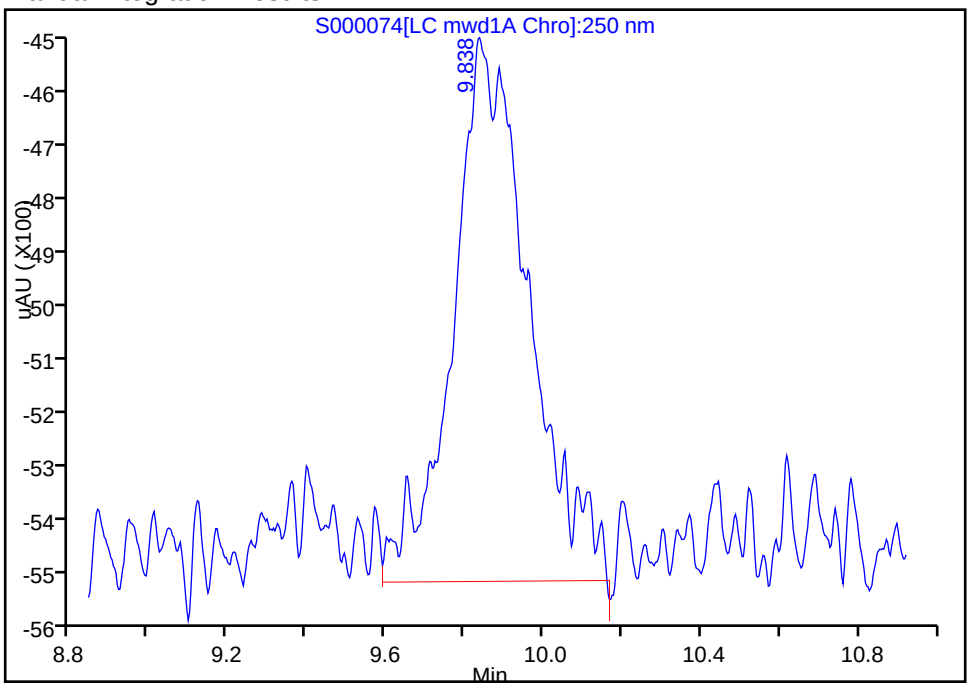
Processing Integration Results

RT: 9.84
Response: 1035
Amount: 6.362477



Manual Integration Results

RT: 9.84
Response: 954
Amount: 5.864544



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

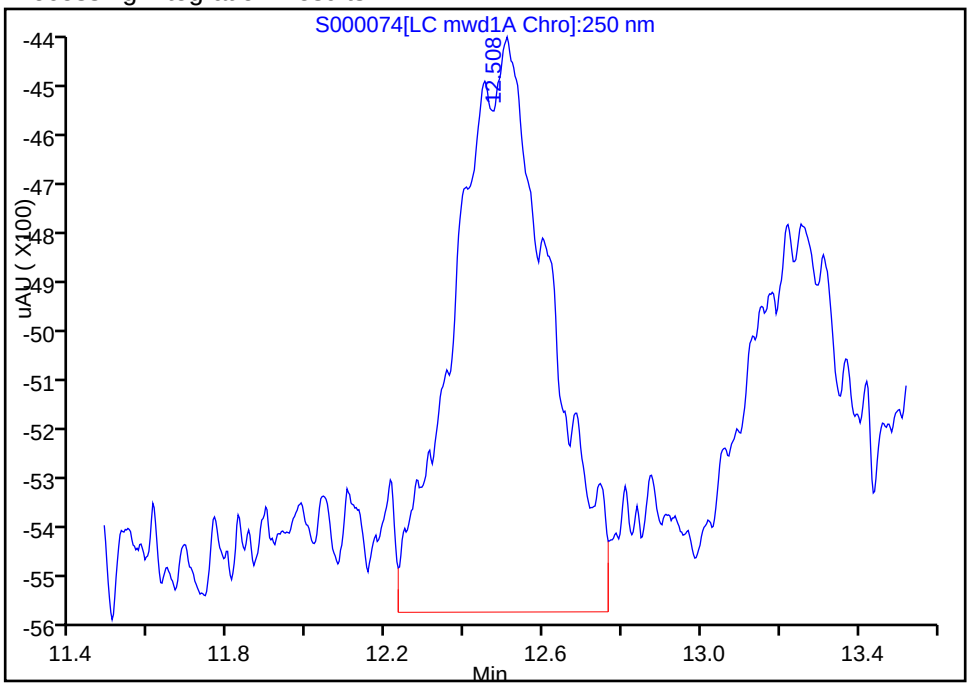
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

24 1,3-Dinitrobenzene, Signal: 1, Type: quant, RT: 12.51, Det: LC mwd1A

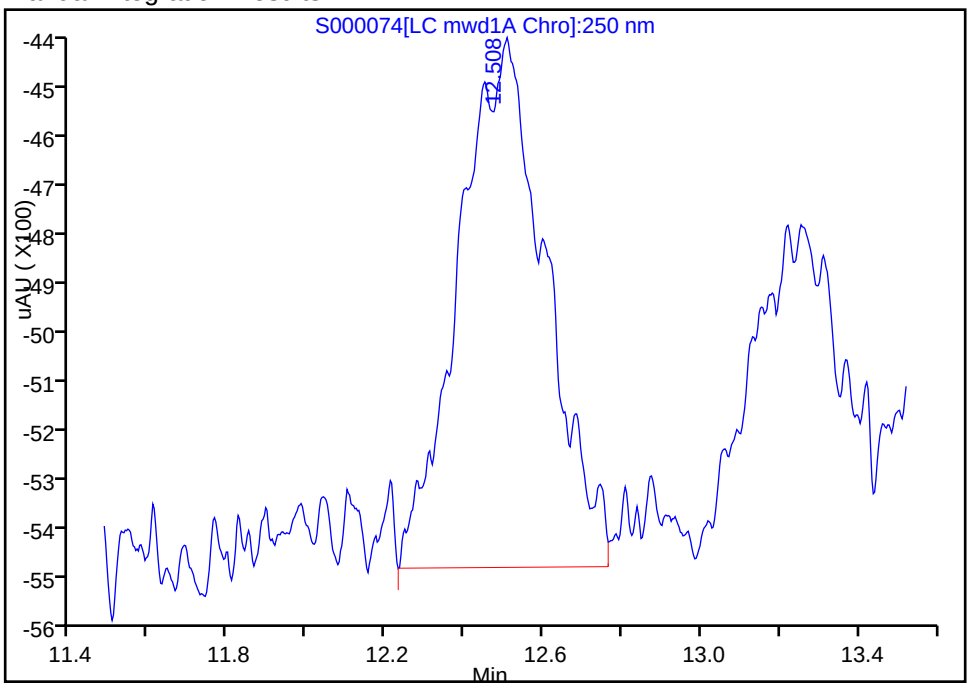
Processing Integration Results

RT: 12.51
Response: 1103
Amount: 6.822592



Manual Integration Results

RT: 12.51
Response: 1016
Amount: 6.284455



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

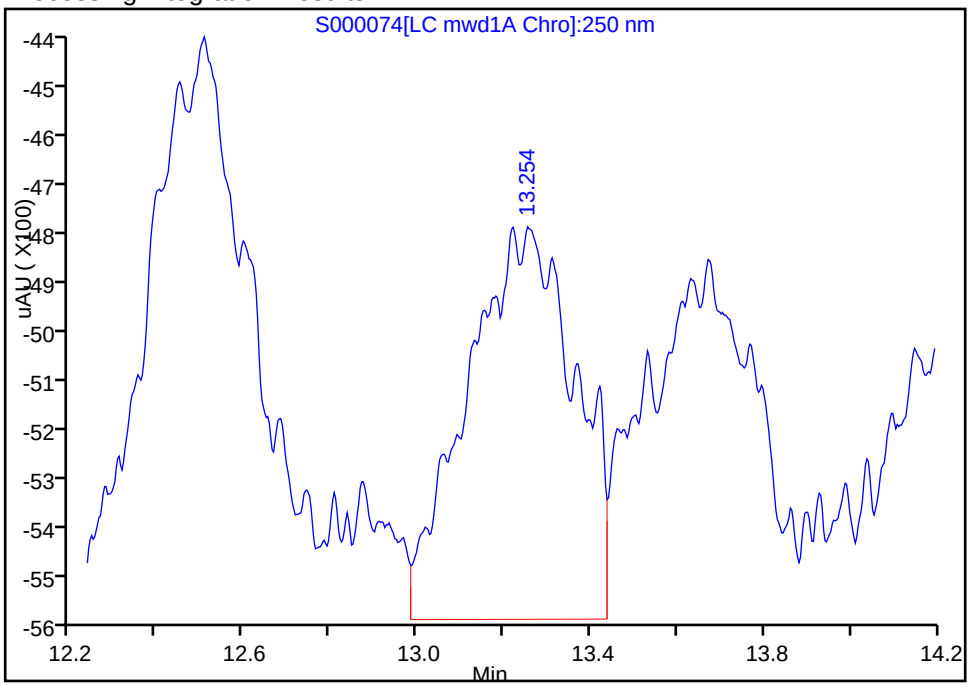
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

9 3,5-Dinitroaniline, Signal: 1, Type: quant, RT: 13.25, Det: LC mwd1A

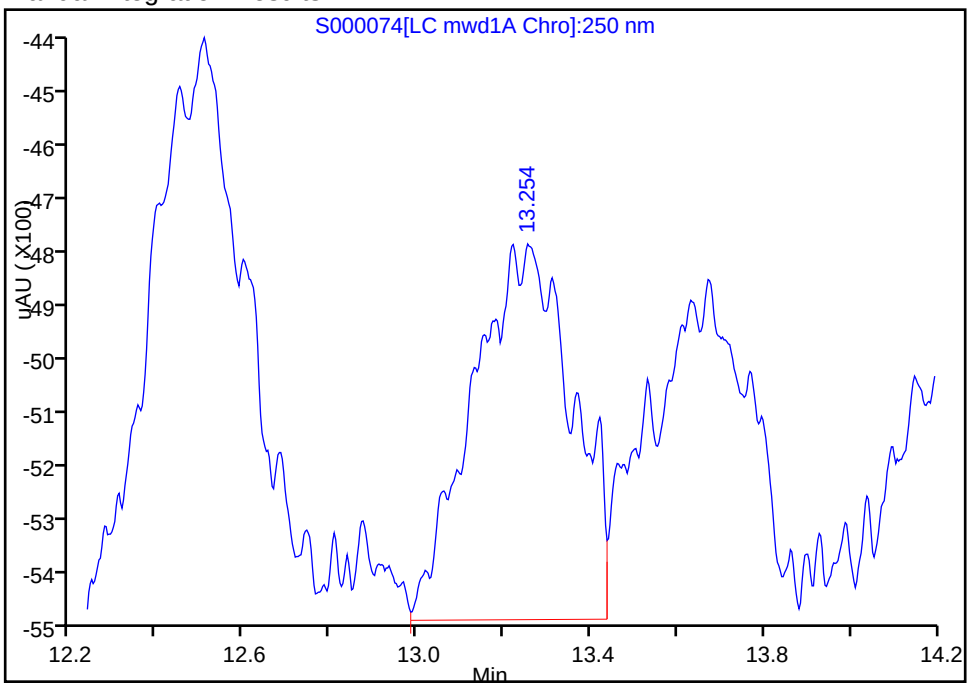
Processing Integration Results

RT: 13.25
Response: 742
Amount: 7.140718



Manual Integration Results

RT: 13.25
Response: 653
Amount: 6.284216



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

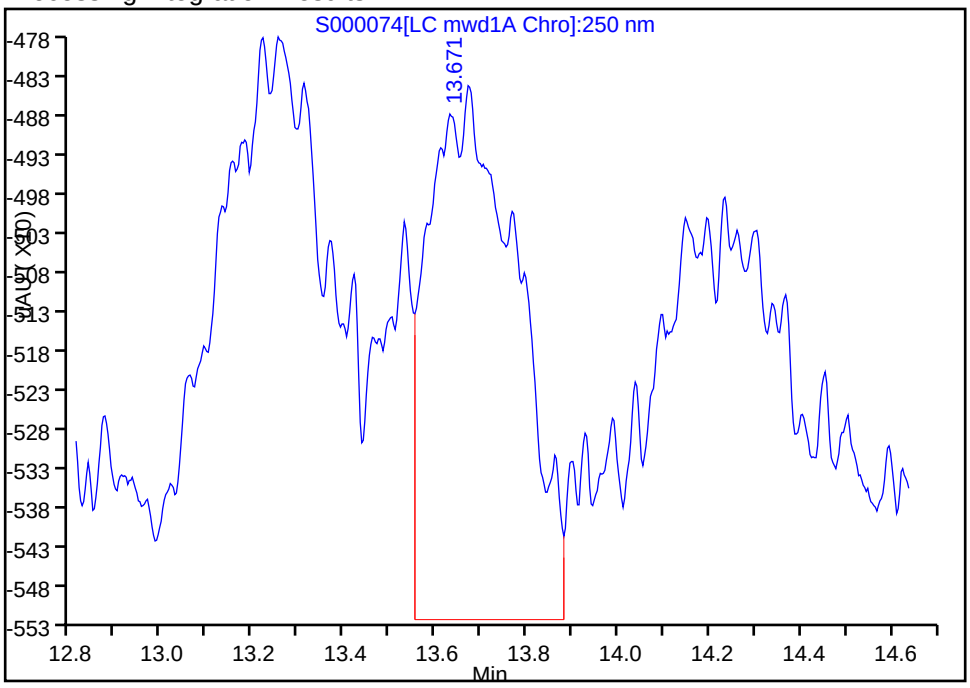
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 13.67, Det: LC mwd1A

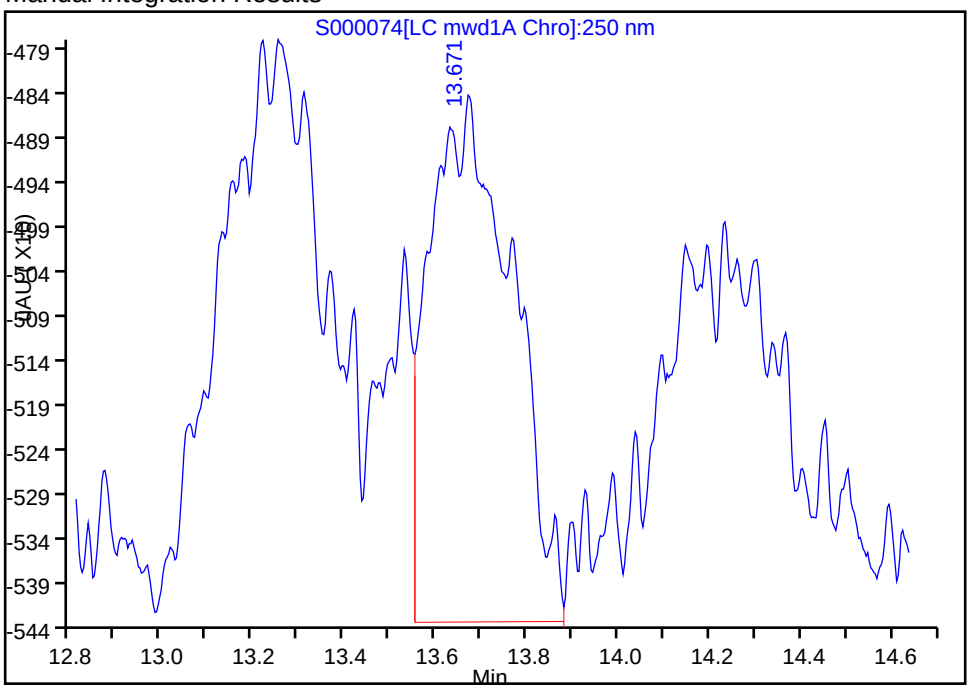
Processing Integration Results

RT: 13.67
Response: 679
Amount: 7.845097



Manual Integration Results

RT: 13.67
Response: 589
Amount: 6.805246



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

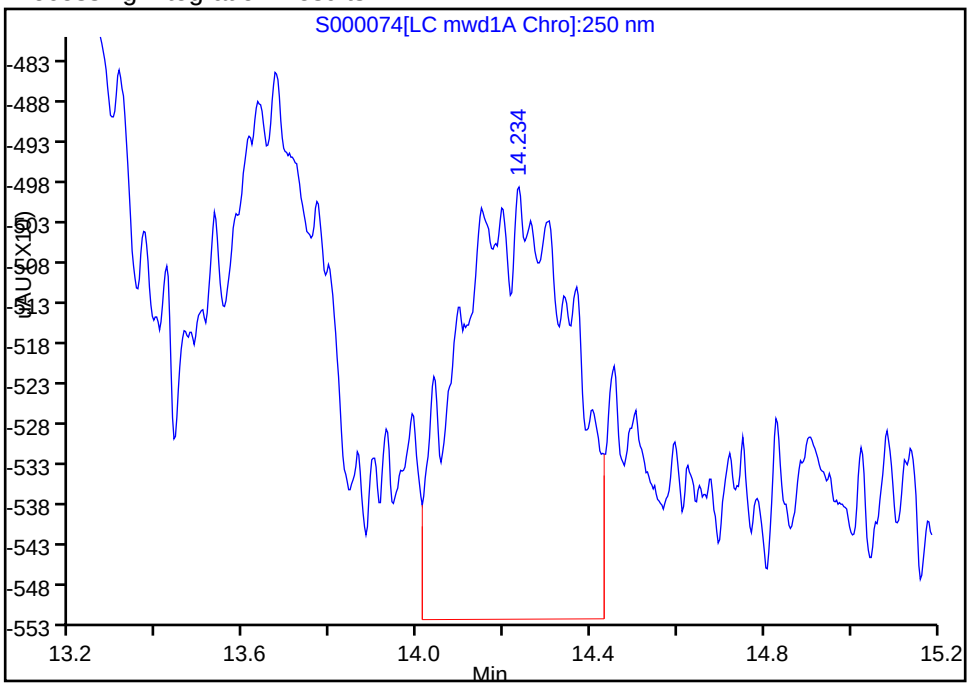
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

5 Nitrobenzene, Signal: 1, Type: quant, RT: 14.23, Det: LC mwd1A

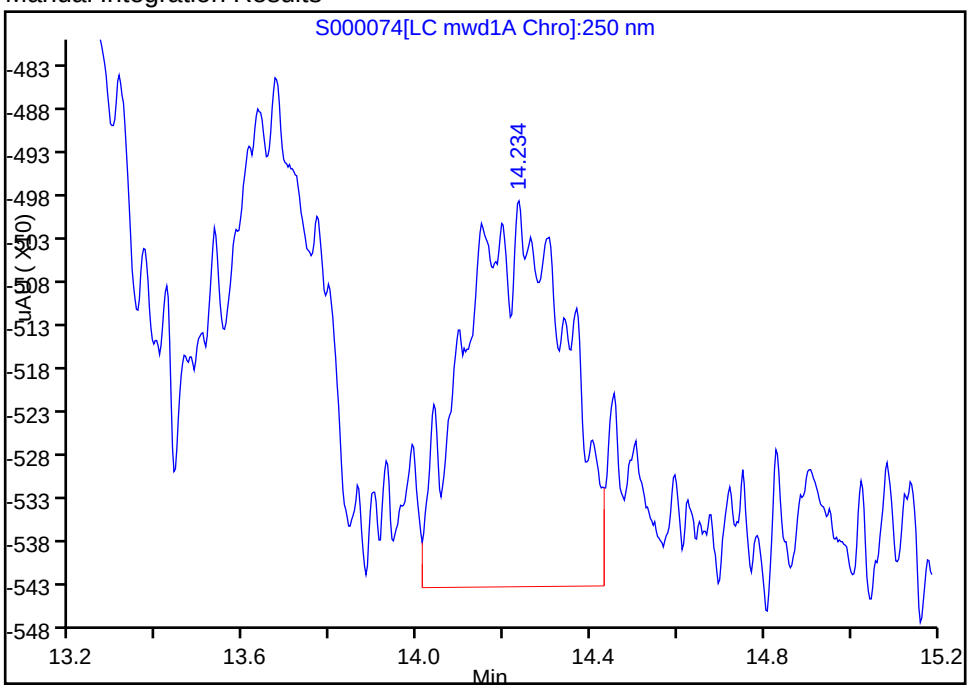
Processing Integration Results

RT: 14.23
Response: 535
Amount: 7.255258



Manual Integration Results

RT: 14.23
Response: 444
Amount: 6.021186



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

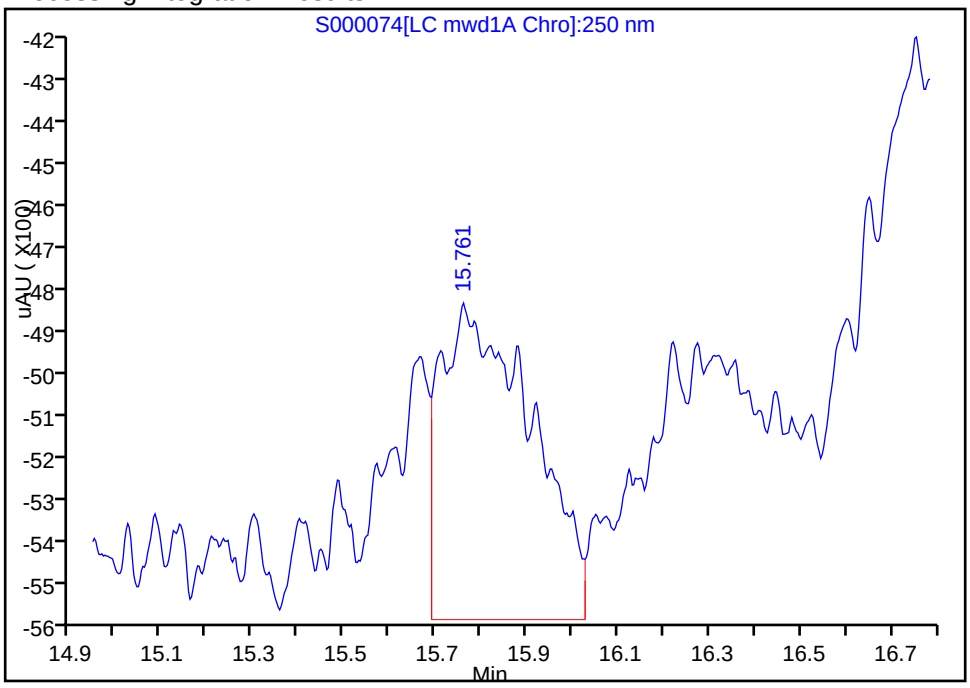
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

25 2,4,6-Trinitrotoluene, Signal: 1, Type: quant, RT: 15.76, Det: LC mwd1A

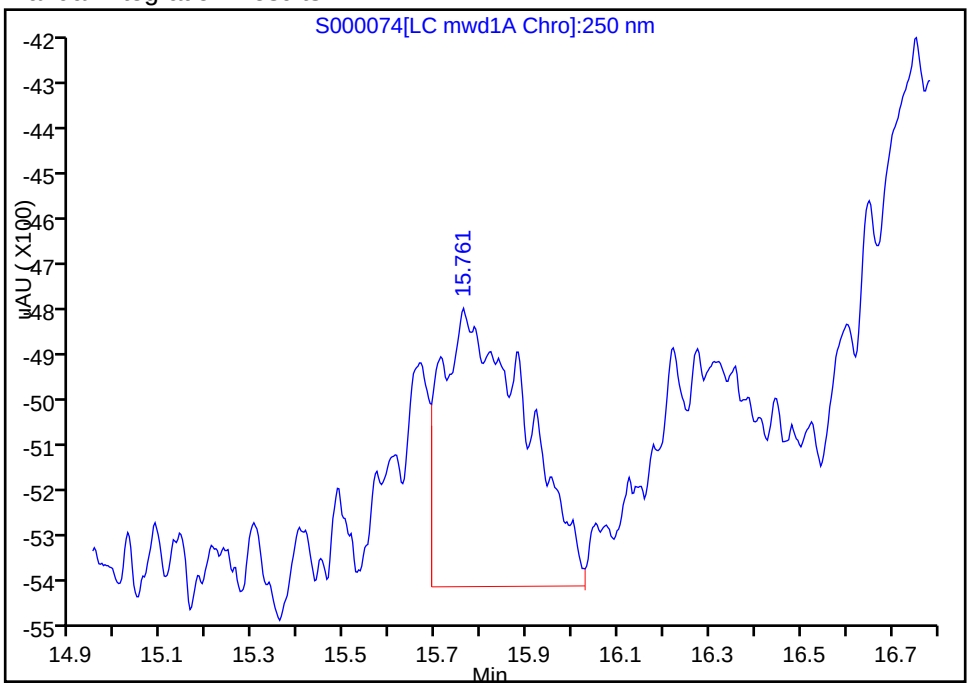
Processing Integration Results

RT: 15.76
Response: 683
Amount: 7.360796



Manual Integration Results

RT: 15.76
Response: 590
Amount: 6.358521



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

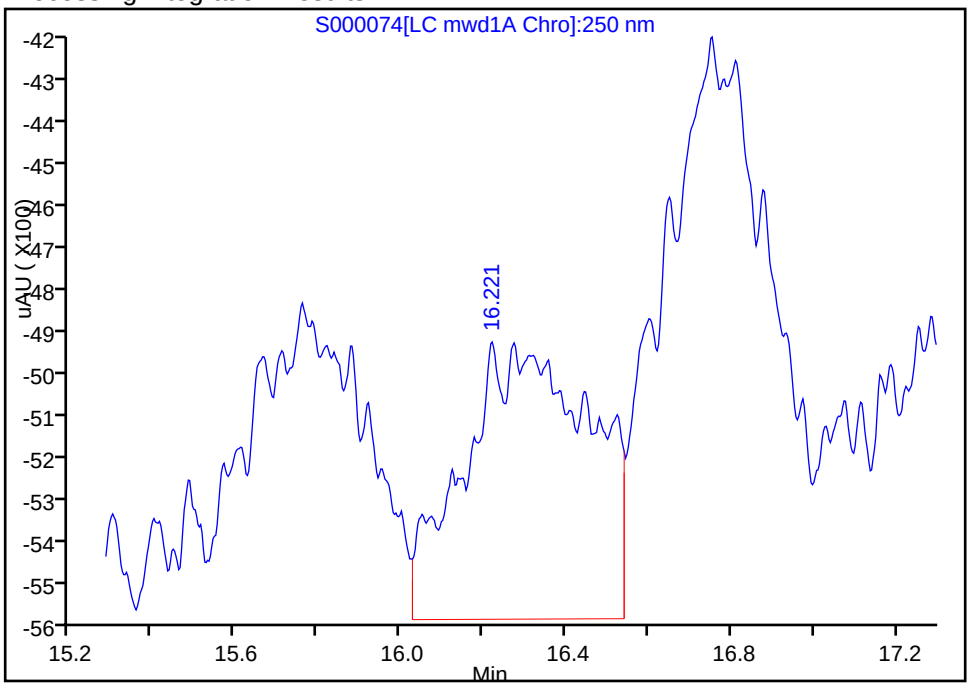
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

26 4-Amino-2,6-dinitrotoluene, Signal: 1, Type: quant, RT: 16.22, Det: LC mwd1A

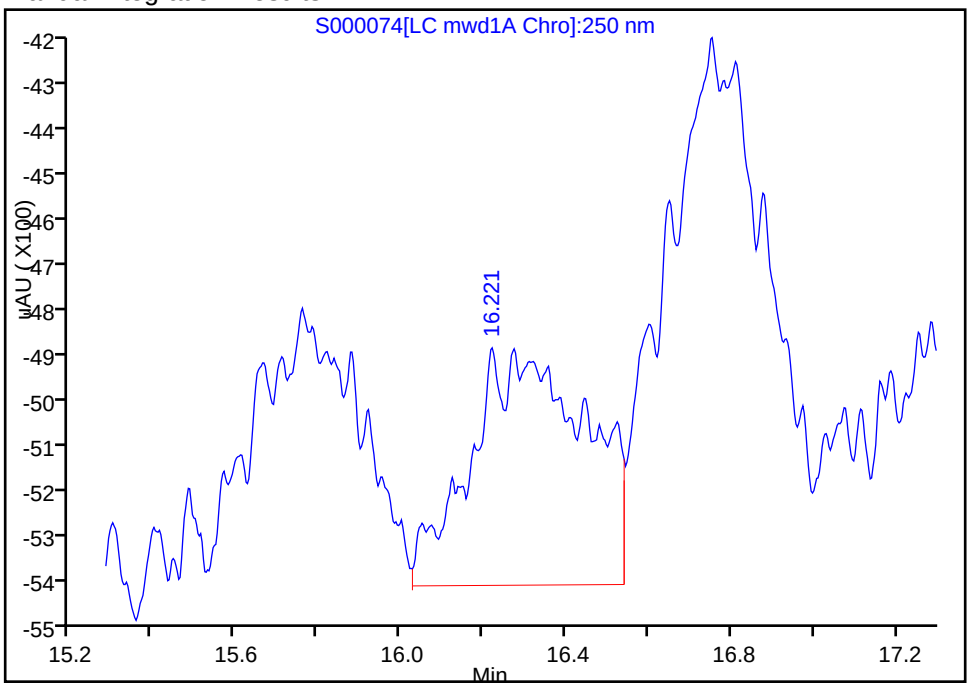
Processing Integration Results

RT: 16.22
Response: 598
Amount: 7.896396



Manual Integration Results

RT: 16.22
Response: 503
Amount: 6.641952



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

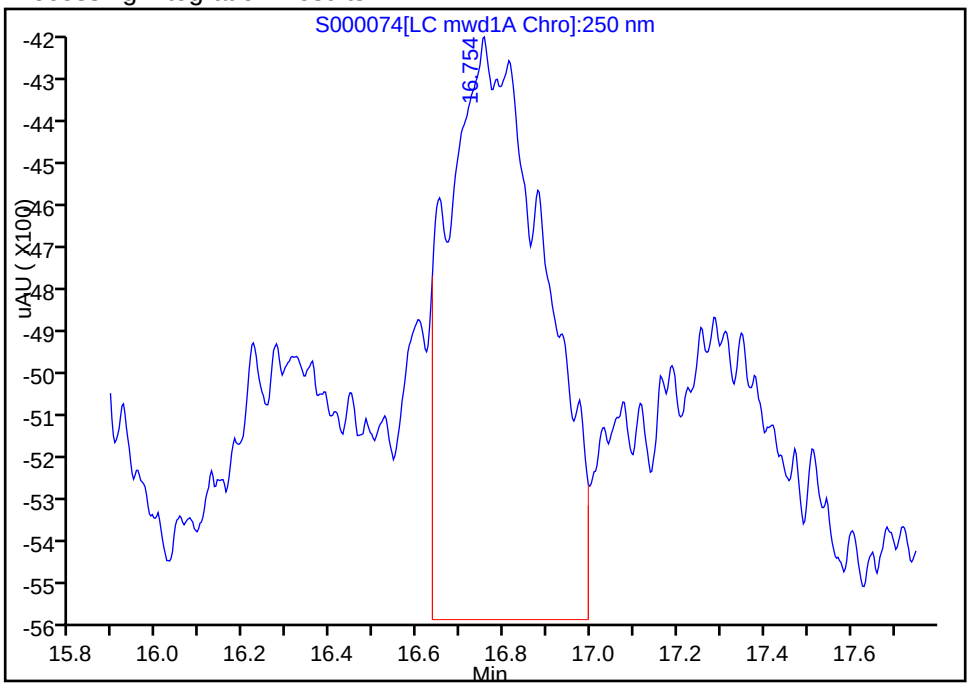
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 16.75, Det: LC mwd1A

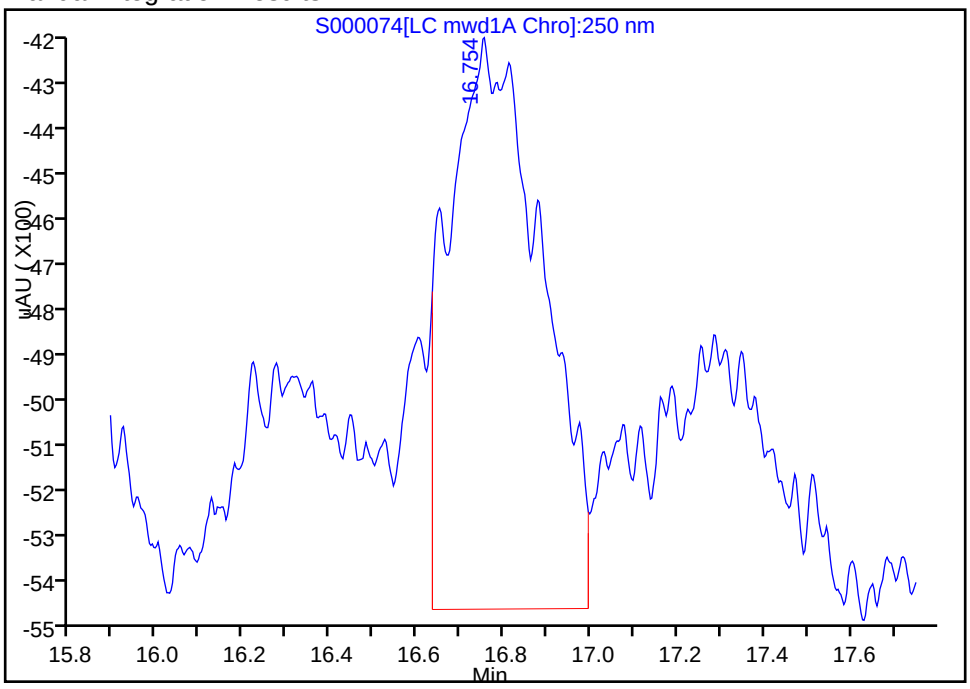
Processing Integration Results

RT: 16.75
Response: 1253
Amount: 22.248989



Manual Integration Results

RT: 16.75
Response: 1159
Amount: 20.579871



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

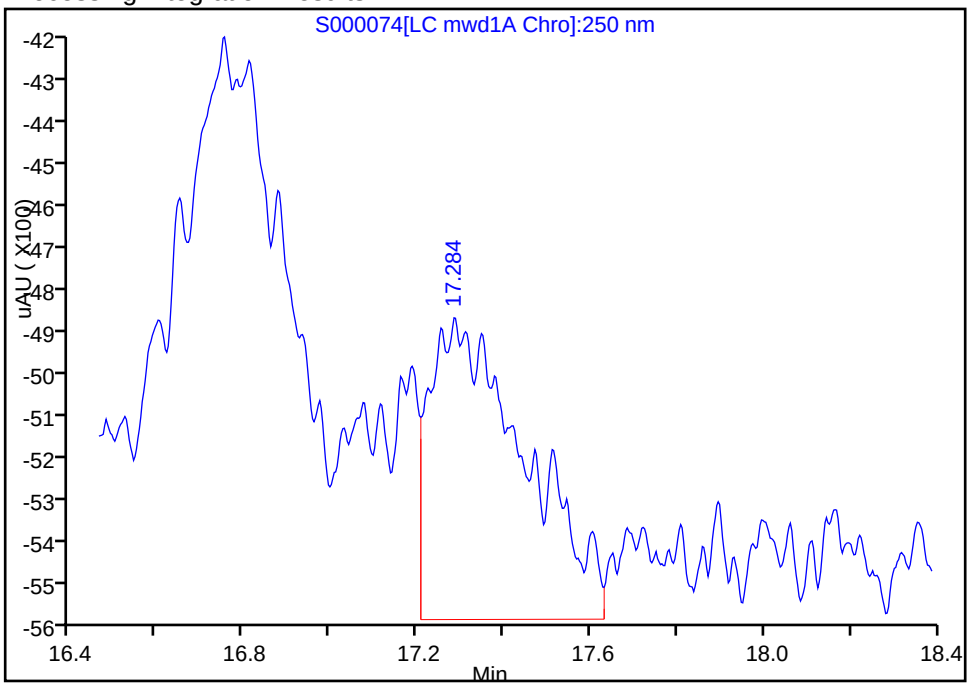
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

6 2-Amino-4,6-dinitrotoluene, Signal: 1, Type: quant, RT: 17.28, Det: LC mwd1A

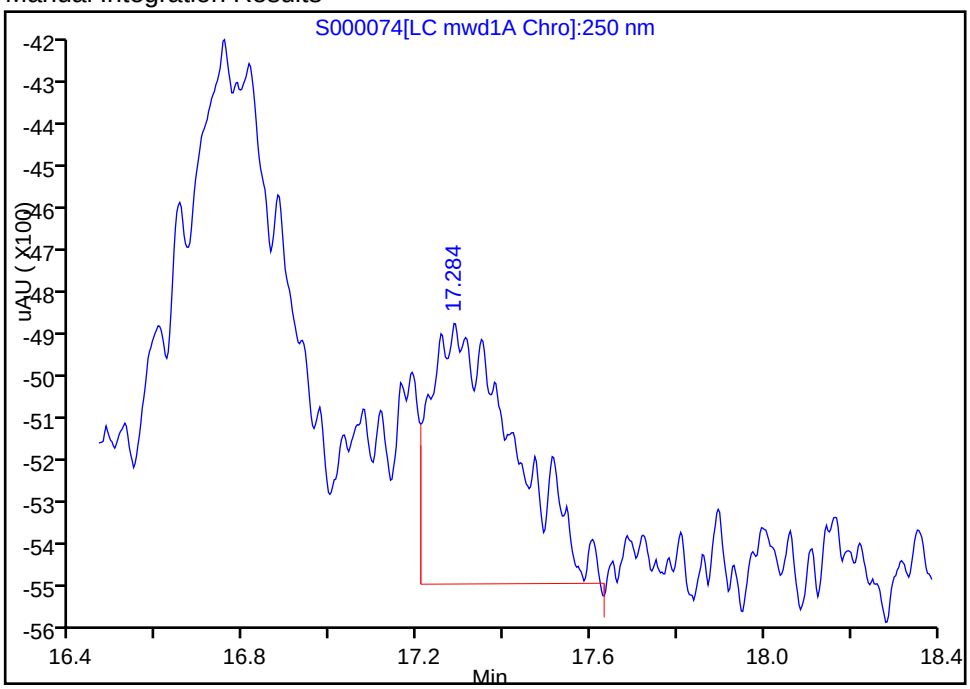
Processing Integration Results

RT: 17.28
Response: 647
Amount: 7.740045



Manual Integration Results

RT: 17.28
Response: 553
Amount: 6.615525



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Report Date: 26-Dec-2012 08:51:04 Chrom Revision: 2.1 24-Dec-2012 15:14:58

Manual Integration/User Assign Peak Report

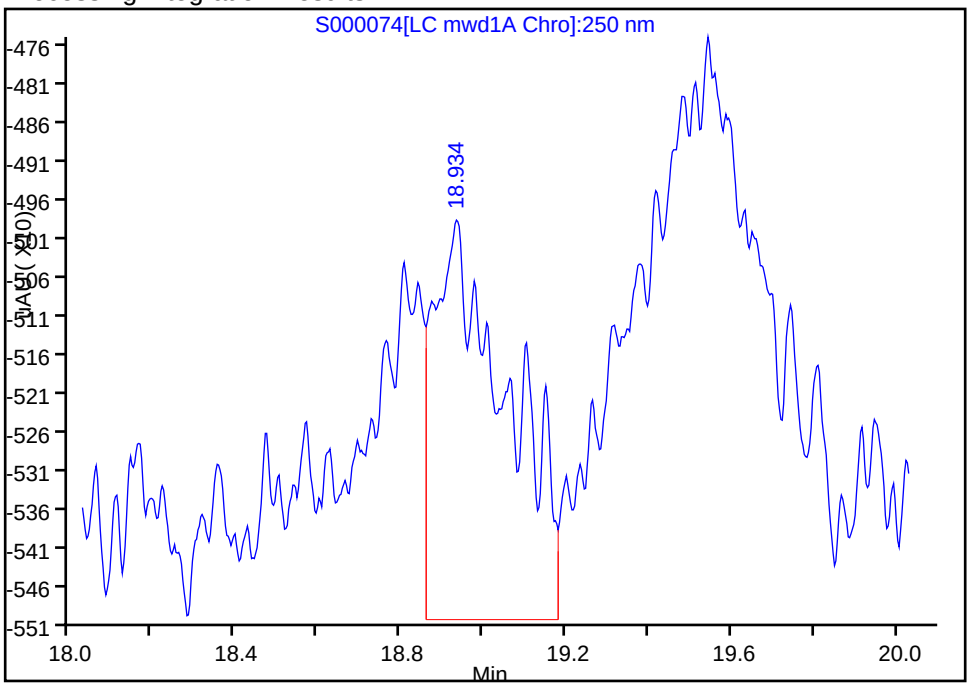
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

12 2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 18.93, Det: LC mwd1A

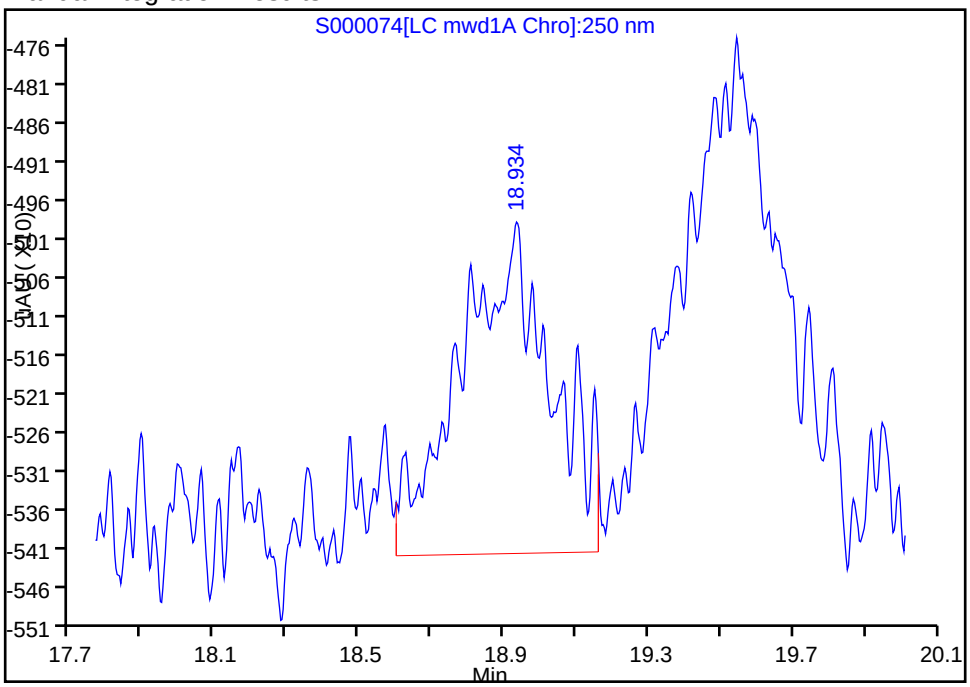
Processing Integration Results

RT: 18.93
Response: 517
Amount: 8.677154



Manual Integration Results

RT: 18.93
Response: 426
Amount: 7.149840



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

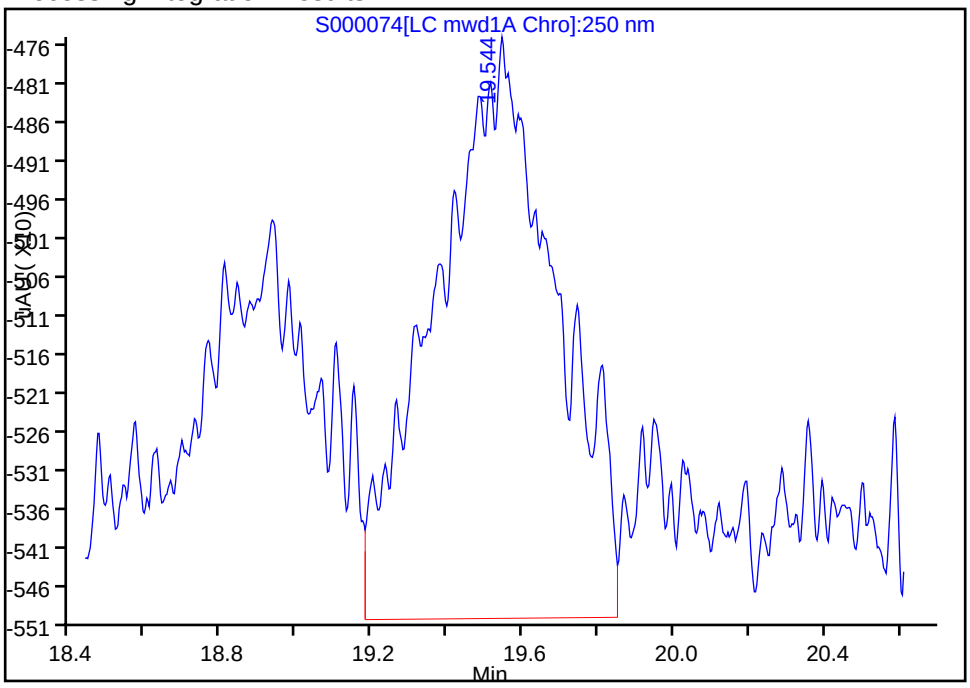
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

23 2,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 19.54, Det: LC mwd1A

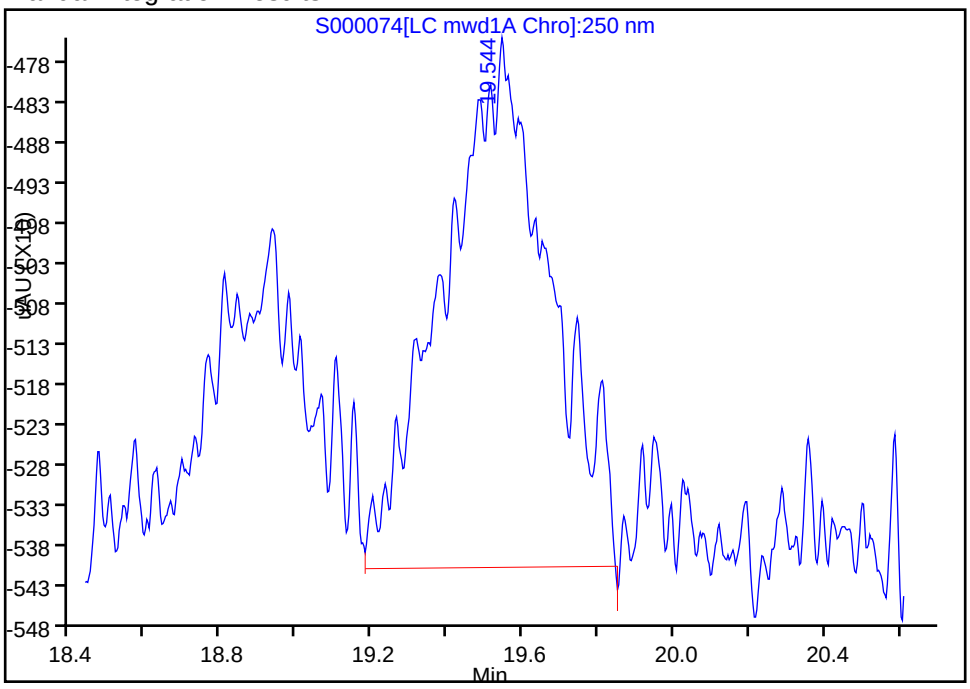
Processing Integration Results

RT: 19.54
Response: 752
Amount: 7.835925



Manual Integration Results

RT: 19.54
Response: 656
Amount: 6.835594



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

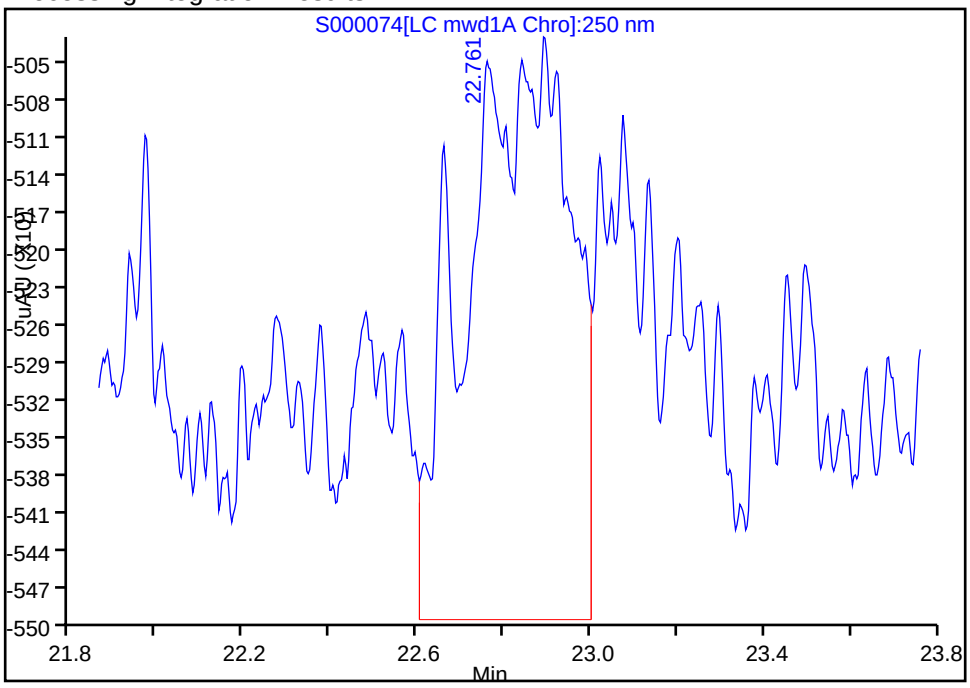
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
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: 22.89, Det: LC mwd1A

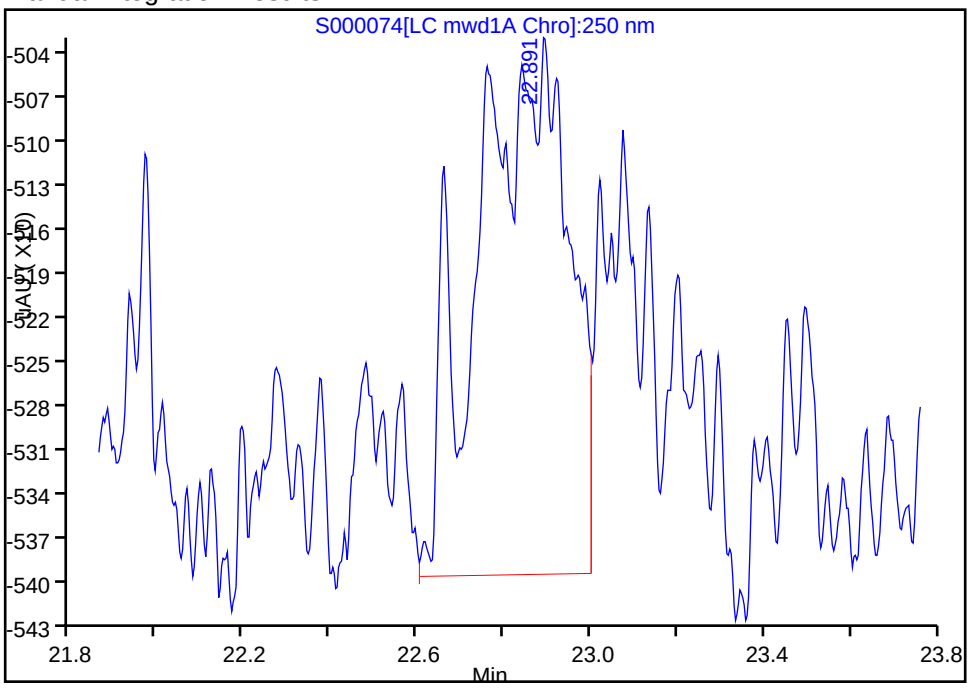
Processing Integration Results

RT: 22.76
Response: 436
Amount: 9.785658



Manual Integration Results

RT: 22.89
Response: 354
Amount: 7.945236



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

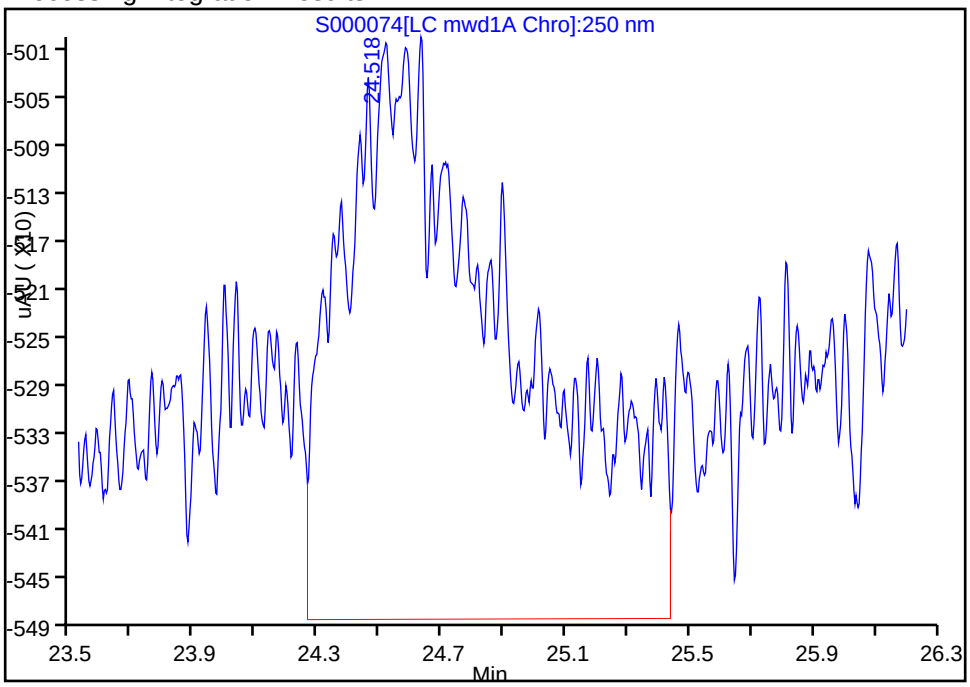
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
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: 24.63, Det: LC mwd1A

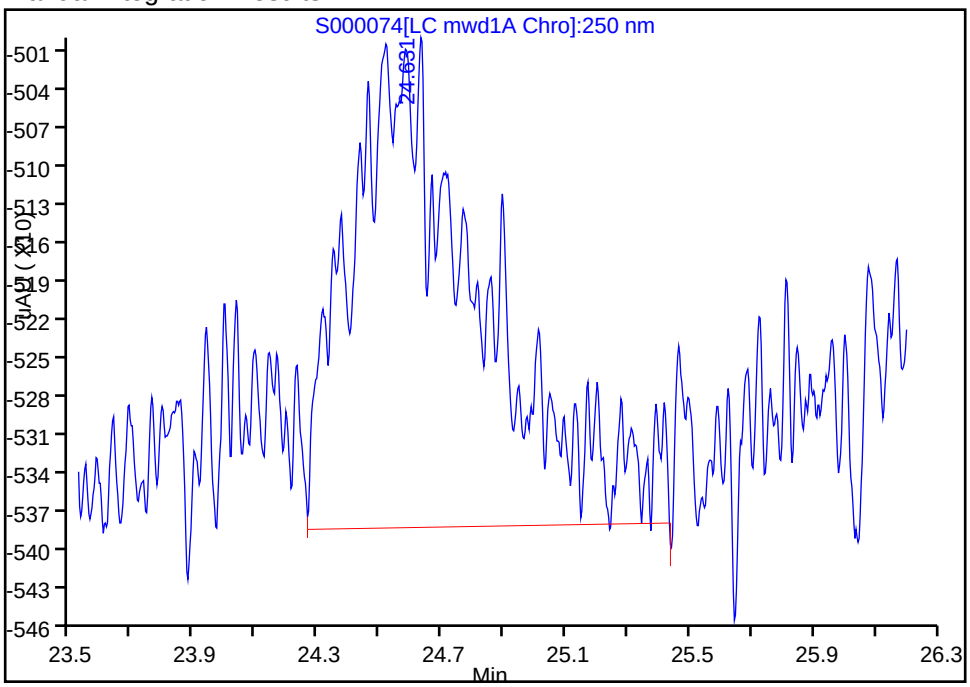
Processing Integration Results

RT: 24.52
Response: 482
Amount: 9.021276



Manual Integration Results

RT: 24.63
Response: 382
Amount: 7.149642



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

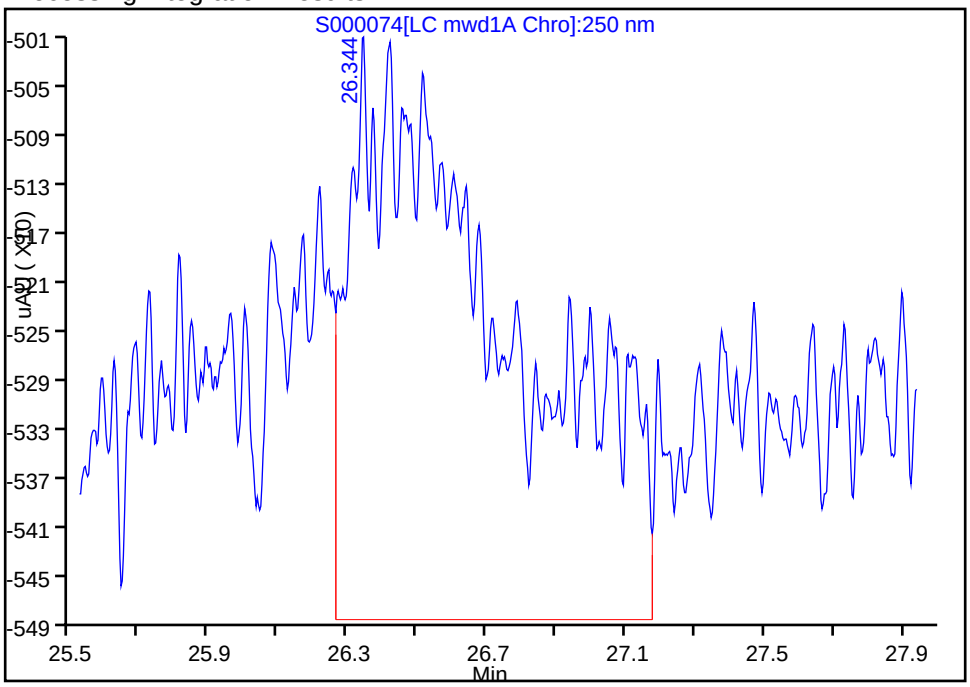
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
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: 26.34, Det: LC mwd1A

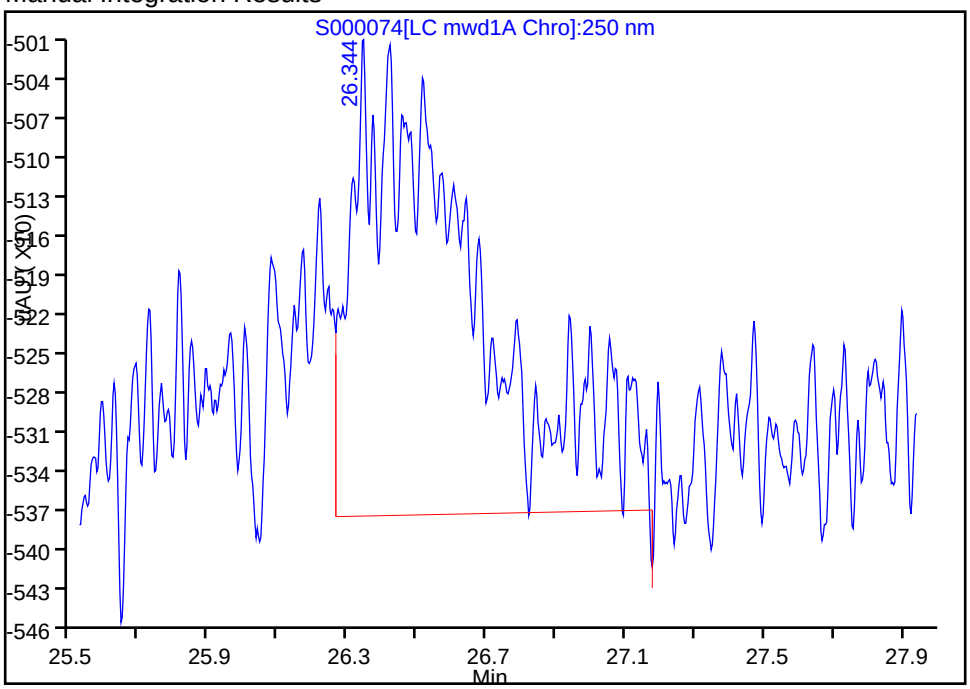
Processing Integration Results

RT: 26.34
Response: 468
Amount: 8.677031



Manual Integration Results

RT: 26.34
Response: 360
Amount: 6.674639



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

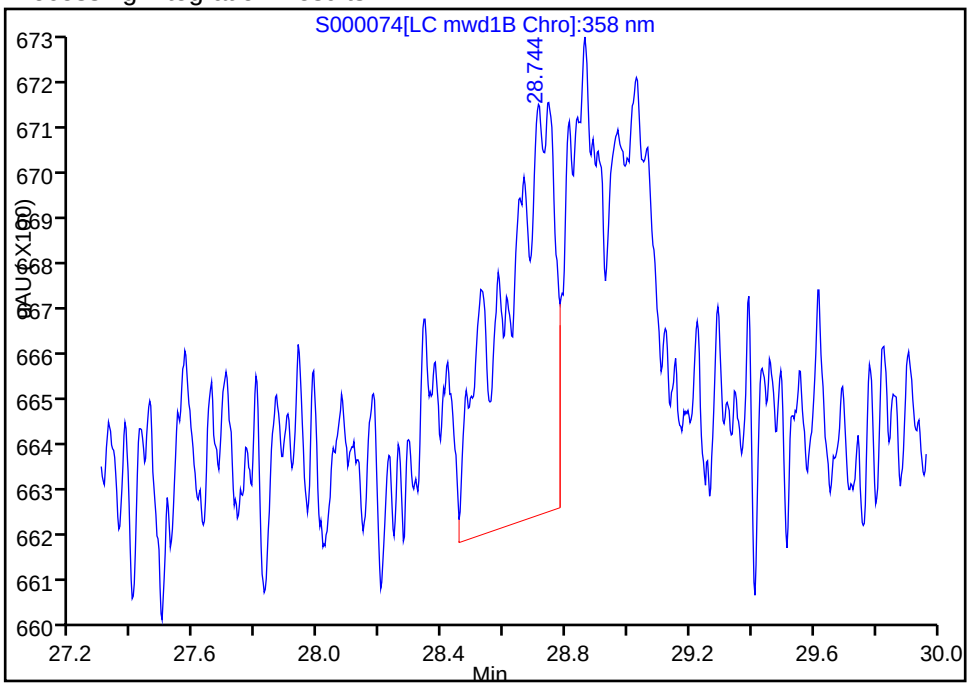
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000074.D		
Injection Date:	21-Dec-2012 17:23:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	74
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: 28.86, Det: LC mwd1B

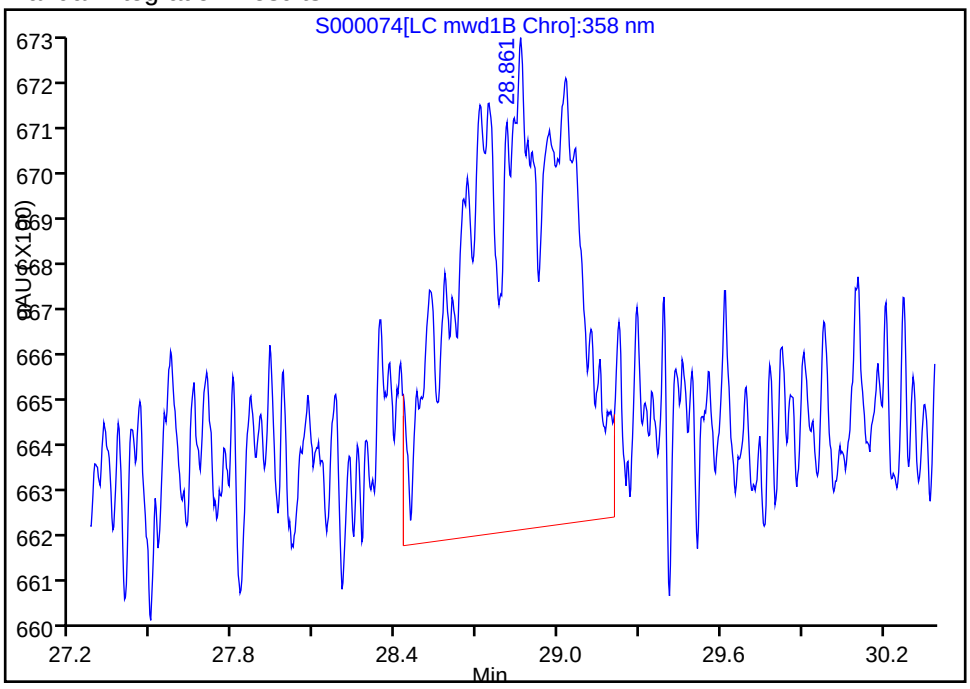
Processing Integration Results

RT: 28.74
Response: 856
Amount: 23.308585



Manual Integration Results

RT: 28.86
Response: 1029
Amount: 28.019315



Reviewer: noonanr, 26-Dec-2012 08:51:03
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-7404/1-A

Matrix: Water Lab File ID: S000068.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330-Prep Date Extracted: 12/14/2012 11:07

Sample wt/vol: 1000(mL) Date Analyzed: 12/21/2012 13:22

Con. Extract Vol.: 20(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.: 7620 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.10	0.050	0.031
99-65-0	1,3-Dinitrobenzene	0.10	U	0.10	0.10	0.050
118-96-7	2,4,6-Trinitrotoluene	0.10	U	0.10	0.10	0.050
121-14-2	2,4-Dinitrotoluene	0.10	U	0.10	0.10	0.050
606-20-2	2,6-Dinitrotoluene	0.10	U	0.10	0.10	0.050
35572-78-2	2-Amino-4,6-dinitrotoluene	0.10	U	0.20	0.10	0.015
88-72-2	2-Nitrotoluene	0.10	U	0.50	0.10	0.088
99-08-1	3-Nitrotoluene	0.10	U	0.50	0.10	0.057
99-99-0	4-Nitrotoluene	0.10	U	0.50	0.10	0.088
19406-51-0	4-Amino-2,6-dinitrotoluene	0.10	U	0.10	0.10	0.050
2691-41-0	HMX	0.050	U	0.10	0.050	0.036
121-82-4	RDX	0.050	U	0.10	0.050	0.036
98-95-3	Nitrobenzene	0.10	U	0.10	0.10	0.050
479-45-8	Tetryl	0.10	U	0.10	0.10	0.050
55-63-0	Nitroglycerin	0.50	U	0.65	0.50	0.33
78-11-5	PETN	0.50	U	0.65	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		79-111

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000068.D		
Lims ID:	MB 320-7404/1-A	Client ID:	
Inject. Date:	21-Dec-2012 13:22:10	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001888-068		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	69
Lims Batch ID:	7620	Lims Sample ID:	68
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	26-Dec-2012 08:43:19	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:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 08:43:19

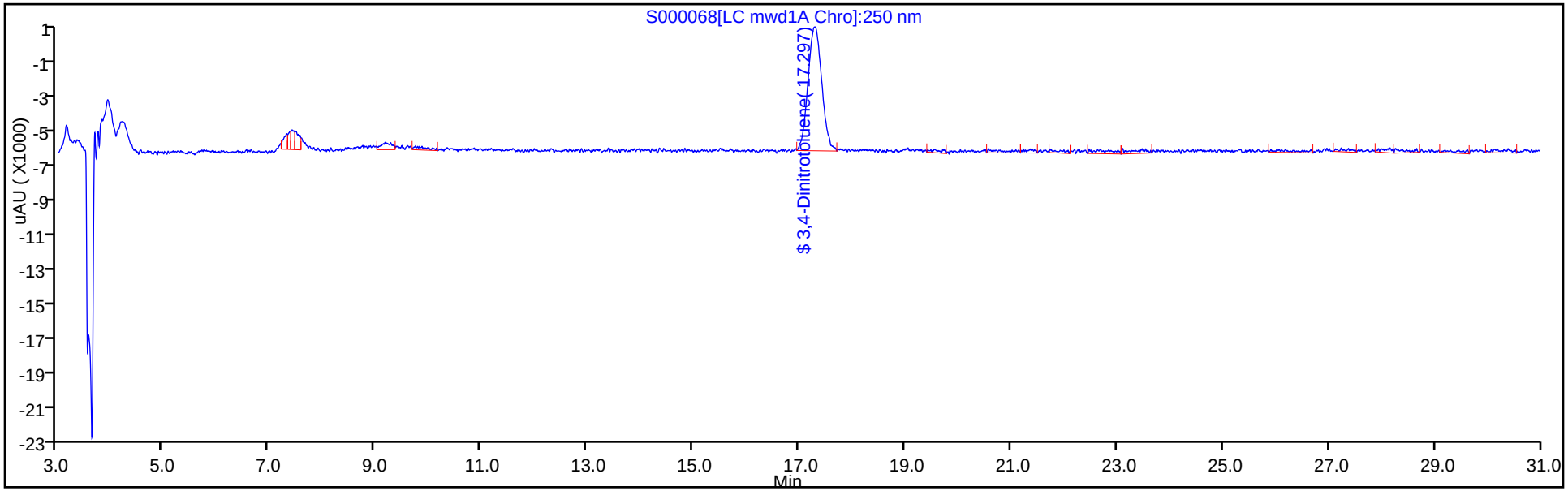
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	17.297	16.796	0.501	6802	120.8	
2	17.304	16.806	0.498	13020	126.0	a

Report Date: 26-Dec-2012 08:43:19 Chrom Revision: 2.1 24-Dec-2012 15:14:58

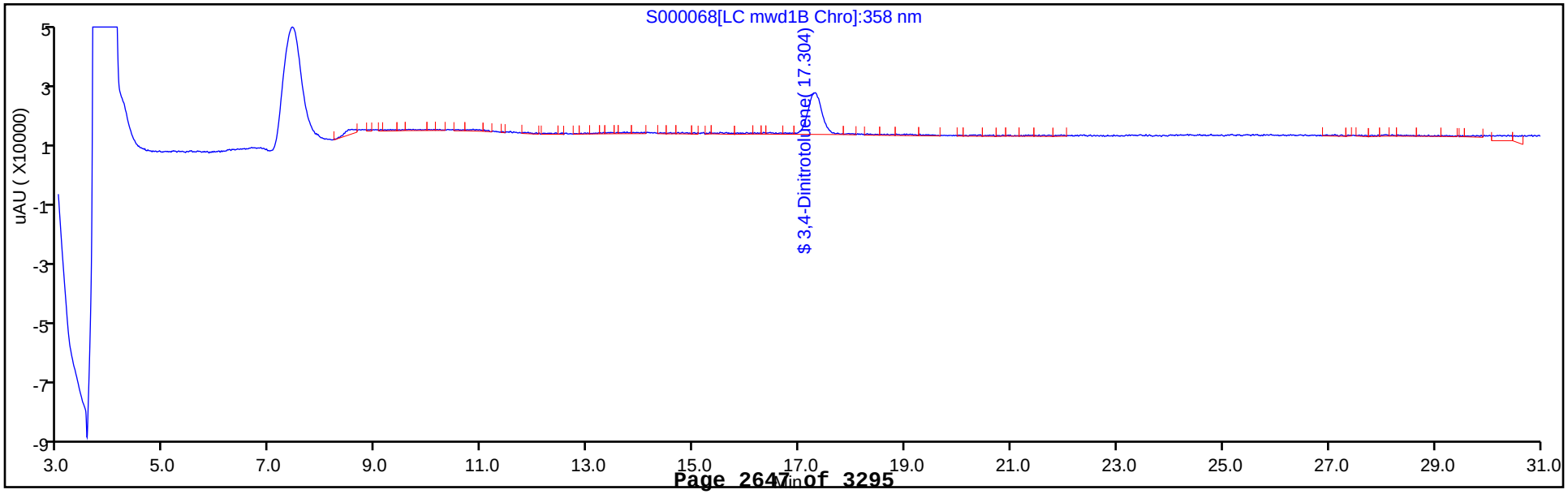
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000068.D		
Injection Date:	21-Dec-2012 13:22:10	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	68
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 Sacramento | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 320-7404/2-A

Matrix: Water | Lab File ID: S000069.D

Analysis Method: 8330B | Date Collected:

Extraction Method: 8330-Prep | Date Extracted: 12/14/2012 11:07

Sample wt/vol: 1000(mL) | Date Analyzed: 12/21/2012 14:02

Con. Extract Vol.: 20(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.: 7620 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
99-35-4	1,3,5-Trinitrobenzene	1.05		0.10	0.050	0.031
99-65-0	1,3-Dinitrobenzene	1.08		0.10	0.10	0.050
118-96-7	2,4,6-Trinitrotoluene	0.993		0.10	0.10	0.050
121-14-2	2,4-Dinitrotoluene	1.02		0.10	0.10	0.050
606-20-2	2,6-Dinitrotoluene	1.01		0.10	0.10	0.050
35572-78-2	2-Amino-4,6-dinitrotoluene	1.04		0.20	0.10	0.015
88-72-2	2-Nitrotoluene	0.936		0.50	0.10	0.088
99-08-1	3-Nitrotoluene	0.981		0.50	0.10	0.057
99-99-0	4-Nitrotoluene	0.982		0.50	0.10	0.088
19406-51-0	4-Amino-2,6-dinitrotoluene	1.05		0.10	0.10	0.050
2691-41-0	HMX	1.04		0.10	0.050	0.036
121-82-4	RDX	1.10		0.10	0.050	0.036
98-95-3	Nitrobenzene	1.06		0.10	0.10	0.050
479-45-8	Tetryl	0.969		0.10	0.10	0.050
55-63-0	Nitroglycerin	4.97		0.65	0.50	0.33
78-11-5	PETN	4.53		0.65	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		79-111

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000069.D
Lims ID: LCS 320-7404/2-A Client ID:
Inject. Date: 21-Dec-2012 14:02:21 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 320-0001888-069
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 70
Lims Batch ID: 7620 Lims Sample ID: 69

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 26-Dec-2012 08:43:55 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: XAWRK028

First Level Reviewer: noonanr Date: 26-Dec-2012 08:43:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.229	5.226	0.003	6539	52.0	
19 RDX						
1	7.536	7.523	0.013	4916	55.2	
27 1,3,5-Trinitrobenzene						
1	9.872	9.869	0.003	8555	52.6	
24 1,3-Dinitrobenzene						
1	12.502	12.506	-0.004	8724	54.0	
9 3,5-Dinitroaniline						
1	13.252	13.270	-0.018	5513	53.1	
20 Tetryl						
1	13.649	13.690	-0.041	4193	48.4	
5 Nitrobenzene						
1	14.252	14.256	-0.004	3920	53.2	
7 Nitroglycerin						
2	14.879	14.913	-0.034	16128	248.6	
25 2,4,6-Trinitrotoluene						
1	15.756	15.790	-0.034	4607	49.7	
26 4-Amino-2,6-dinitrotoluene						
1	16.279	16.343	-0.064	3979	52.5	
$ 30 3,4-Dinitrotoluene						
1	16.739	16.796	-0.057	6801	120.8	
2	16.752	16.806	-0.054	12440	120.4	
6 2-Amino-4,6-dinitrotoluene						
1	17.269	17.306	-0.037	4337	51.9	
12 2,6-Dinitrotoluene						
1	18.866	18.930	-0.064	3016	50.6	
23 2,4-Dinitrotoluene						
1	19.516	19.570	-0.054	4893	51.0	

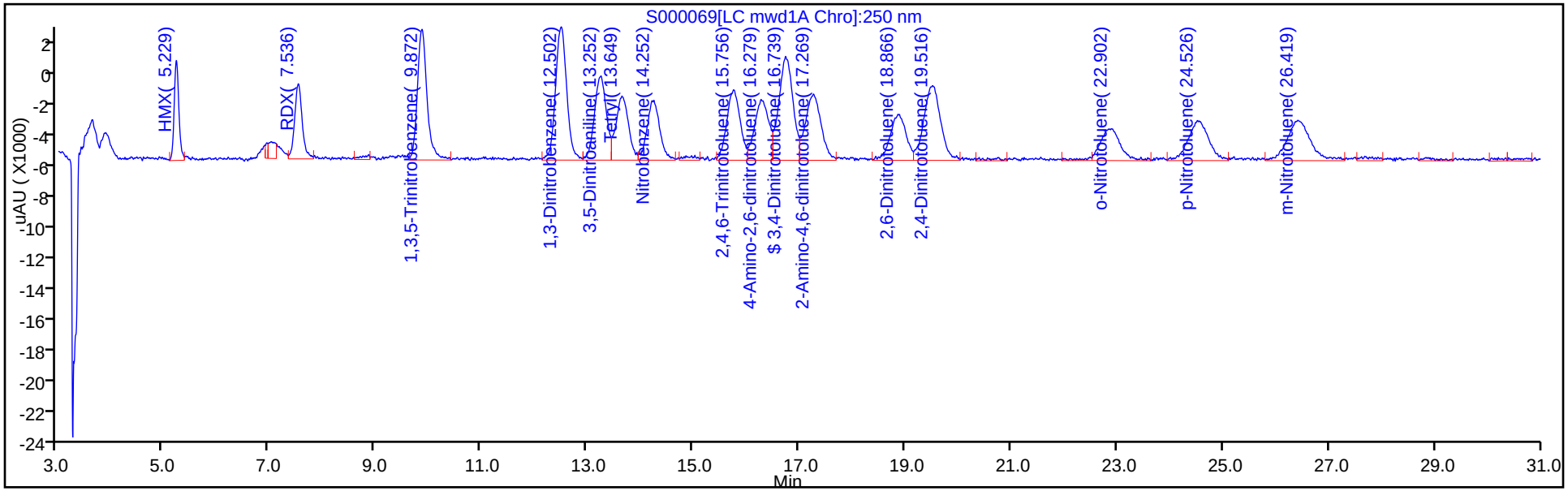
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.902	22.900	0.002	2085	46.8	
15 p-Nitrotoluene						
1	24.526	24.576	-0.050	2623	49.1	
8 m-Nitrotoluene						
1	26.419	26.463	-0.044	2645	49.0	
21 PETN						
2	28.809	28.843	-0.034	8319	226.5	

Report Date: 26-Dec-2012 08:43:55 Chrom Revision: 2.1 24-Dec-2012 15:14:58

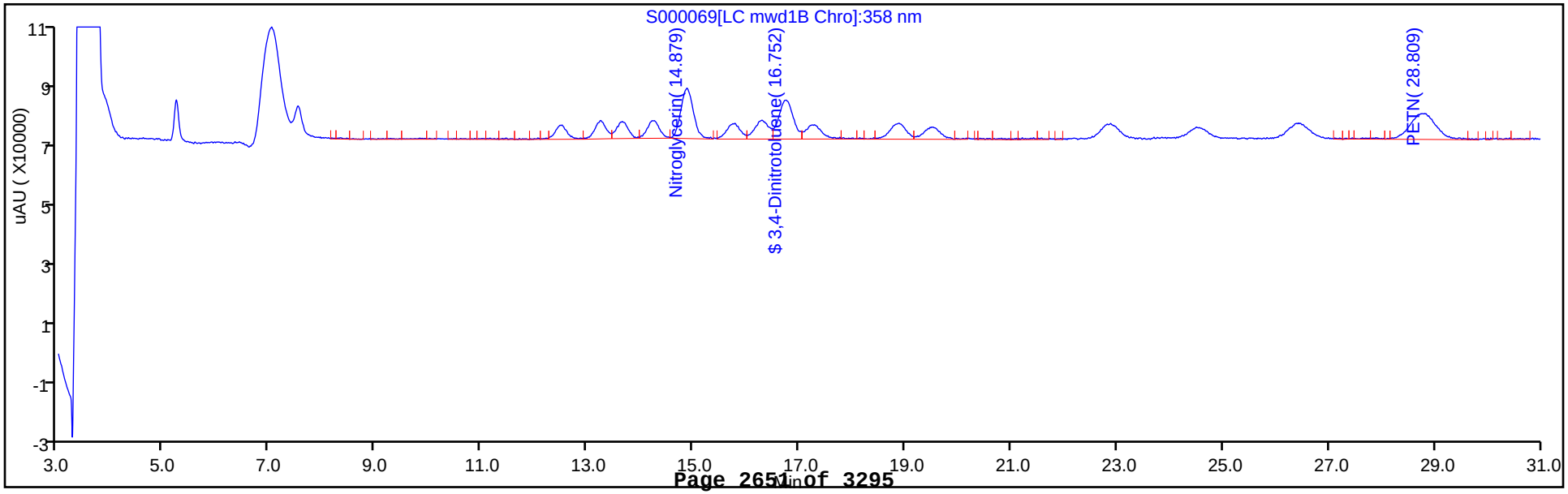
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000069.D		
Injection Date:	21-Dec-2012 14:02:21	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	69
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

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 Sacramento Job No.: 240-18735-2

SDG No.:

Instrument ID: LC10 Start Date: 12/19/2012 17:43

Analysis Batch Number: 7620 End Date: 12/22/2012 00:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-7620/3 CCVRT		12/19/2012 17:43	1		Synergi C18 4.6(mm)
CCV 320-7620/14 CCVRT		12/20/2012 01:05	1		Synergi C18 4.6(mm)
CCVL 320-7620/15		12/20/2012 01:45	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 07:07	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 07:47	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 08:27	1		Synergi C18 4.6(mm)
CCV 320-7620/26 CCVRT		12/20/2012 09:07	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 09:48	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 10:28	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 11:48	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 12:29	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 13:09	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 13:49	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 14:29	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 15:09	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 15:50	1		Synergi C18 4.6(mm)
CCV 320-7620/37 CCVRT		12/20/2012 16:30	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 17:10	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 17:51	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 18:31	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 19:12	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 19:52	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 20:32	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 21:13	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 21:54	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 22:34	1		Synergi C18 4.6(mm)
CCV 320-7620/46 CCVRT		12/20/2012 23:14	1		Synergi C18 4.6(mm)
CCVL 320-7620/47		12/20/2012 23:55	1	S000048.D	Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 00:35	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 01:16	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 01:56	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 02:37	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 03:17	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 03:58	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 04:38	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 05:19	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 05:59	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 06:39	1		Synergi C18 4.6(mm)
CCV 320-7620/66 CCVRT		12/21/2012 07:19	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 08:00	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 08:40	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 09:20	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 10:00	1		Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Instrument ID: LC10 Start Date: 12/19/2012 17:43

Analysis Batch Number: 7620 End Date: 12/22/2012 00:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/21/2012 10:41	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 11:21	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 12:01	1		Synergi C18 4.6(mm)
CCV 320-7620/67 CCVRT		12/21/2012 12:41	1	S000067.D	Synergi C18 4.6(mm)
MB 320-7404/1-A		12/21/2012 13:22	1	S000068.D	Synergi C18 4.6(mm)
LCS 320-7404/2-A		12/21/2012 14:02	1	S000069.D	Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 14:42	1		Synergi C18 4.6(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/21/2012 15:22	1	S000071.D	Synergi C18 4.6(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/21/2012 16:02	1	S000072.D	Synergi C18 4.6(mm)
CCV 320-7620/73 CCVRT		12/21/2012 16:42	1	S000073.D	Synergi C18 4.6(mm)
CCVL 320-7620/74		12/21/2012 17:23	1	S000074.D	Synergi C18 4.6(mm)
CCV 320-7620/85 CCVRT		12/22/2012 00:44	1		Synergi C18 4.6(mm)

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Batch Number: 7404 Batch Start Date: 12/14/12 11:07 Batch Analyst: Arauz, Horacio

Batch Method: 8330-Prep Batch End Date: 12/17/12 15:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	HP34DNTSU 00008	HP8330SP 00011
MB 320-7404/1		8330-Prep, 8330B				1000 mL	20 mL	50 uL	
LCS 320-7404/2		8330-Prep, 8330B				1000 mL	20 mL	50 uL	20 uL
240-18735-R-3	070-0056-0001-SOURCE WATER	8330-Prep, 8330B	T	1504.4 g	499.96 g	1004.4 mL	20 mL	50 uL	
240-18735-R-4	070-0057-0001-SOURCE WATER	8330-Prep, 8330B	T	1509.8 g	498.79 g	1011 mL	20 mL	50 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	HPNGPETNSP 00001					
MB 320-7404/1		8330-Prep, 8330B							
LCS 320-7404/2		8330-Prep, 8330B		100 uL					
240-18735-R-3	070-0056-0001-SOURCE WATER	8330-Prep, 8330B	T						
240-18735-R-4	070-0057-0001-SOURCE WATER	8330-Prep, 8330B	T						

Batch Notes	
0.1% HOAc/CAN Lot 3	HPHOAC/ACN_0001
Balance ID	QA-070
Person's name who did the concentration	HA
Date of Clean up	12-17-12
Date Dilution Performed	12-17-12
Analytst performing Dilution	HA
Filter Lot #	R2DA02309
Date of Final Volume	12-17-12
Millipore Water Dispense Date	12-12-12
Prep Solvent Volume Used	5 mL
Person's name who witnessed reagent drop	TP
Solvent	0.1% HOAC/ACN
SPE Cartridge Lot #	WATER 003732270A

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Batch Number: 7404 Batch Start Date: 12/14/12 11:07 Batch Analyst: Arauz, Horacio

Batch Method: 8330-Prep Batch End Date: 12/17/12 15:55

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
070-0056-0001-SOURCE WATER	240-18735-3
070-0057-0001-SOURCE WATER	240-18735-4
070-0058-0001-IDW	240-18735-5
070-0059-0001-IDW	240-18735-6

Comments:

COVER PAGE
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-18735-2

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
070-0056-0001-SOURCE WATER	240-18735-3
070-0057-0001-SOURCE WATER	240-18735-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 070-0056-0001-SOURCE WATER
Lab Sample ID: 240-18735-3
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:00
Reporting Basis: WET
Date Received: 12/12/2012 17:07

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

Client Sample ID: 070-0057-0001-SOURCE WATER
Lab Sample ID: 240-18735-4
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:15
Reporting Basis: WET
Date Received: 12/12/2012 17:07

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 - TCLP

Client Sample ID: 070-0058-0001-IDW
Lab Sample ID: 240-18735-5
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Solid
Date Sampled: 12/12/2012 13:30
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.0050	0.50	0.0050	0.0017	mg/L	U		1	6010B/DOD
Arsenic	0.0044	0.50	0.010	0.0033	mg/L	J		1	6010B/DOD
Barium	0.29	10	0.0050	0.0028	mg/L	J		1	6010B/DOD
Cadmium	0.0016	0.10	0.0010	0.00039	mg/L	J		1	6010B/DOD
Chromium	0.0024	0.50	0.0040	0.0014	mg/L	J		1	6010B/DOD
Lead	0.0090	0.50	0.0050	0.0017	mg/L	J		1	6010B/DOD
Selenium	0.0066	0.25	0.010	0.0040	mg/L	J		1	6010B/DOD
Hg	0.00020	0.0020	0.00020	0.00012	mg/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: 070-0059-0001-IDW
Lab Sample ID: 240-18735-6
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:30
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.020	2.0	0.020	0.0070	mg/L	U		1	6010B/DOD
Arsenic	0.040	2.0	0.040	0.013	mg/L	U		1	6010B/DOD
Barium	0.24	40	0.020	0.011	mg/L	J		1	6010B/DOD
Cadmium	0.0040	0.40	0.0040	0.0016	mg/L	U		1	6010B/DOD
Chromium	0.012	2.0	0.016	0.0056	mg/L	J		1	6010B/DOD
Lead	0.015	2.0	0.020	0.0069	mg/L	J		1	6010B/DOD
Selenium	0.040	1.0	0.040	0.016	mg/L	U		1	6010B/DOD
Hg	0.00020	0.0020	0.00020	0.00012	mg/L	U		1	7470A/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 070-0056-0001-SOURCE WATER
Lab Sample ID: 240-18735-3
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:00
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.20	1.0	0.20	0.11	ug/L	U		1	6020/DOD
Aluminum	13	30	5.0	2.6	ug/L	J		1	6020/DOD
Arsenic	0.49	1.0	0.50	0.29	ug/L	J		1	6020/DOD
Barium	39	10	0.15	0.098	ug/L		Q	1	6020/DOD
Beryllium	0.090	1.0	0.090	0.045	ug/L	U		1	6020/DOD
Calcium	66000	100	20	9.4	ug/L			1	6020/DOD
Cadmium	0.30	1.0	0.30	0.13	ug/L	U		1	6020/DOD
Chromium	1.0	2.0	1.0	0.54	ug/L	U		1	6020/DOD
Cobalt	0.11	0.50	0.050	0.026	ug/L	J	Q	1	6020/DOD
Copper	0.83	2.0	0.50	0.24	ug/L	J	Q	1	6020/DOD
Iron	440	50	20	11	ug/L			1	6020/DOD
Magnesium	27000	100	22	11	ug/L			1	6020/DOD
Manganese	77	5.0	0.30	0.16	ug/L			1	6020/DOD
Sodium	35000	100	55	27	ug/L			1	6020/DOD
Nickel	0.35	1.0	0.35	0.17	ug/L	U		1	6020/DOD
Lead	0.30	1.0	0.30	0.15	ug/L	U		1	6020/DOD
Antimony	0.90	2.0	0.90	0.46	ug/L	U		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U		1	6020/DOD
Vanadium	0.60	1.0	0.60	0.30	ug/L	U		1	6020/DOD
Zinc	18	5.0	2.0	0.96	ug/L		Q	1	6020/DOD
Potassium	2500	100	60	32	ug/L			1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U	Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: 070-0057-0001-SOURCE WATER
Lab Sample ID: 240-18735-4
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:15
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.20	1.0	0.20	0.11	ug/L	U		1	6020/DOD
Aluminum	5.0	30	5.0	2.6	ug/L	U		1	6020/DOD
Arsenic	0.50	1.0	0.50	0.29	ug/L	U		1	6020/DOD
Barium	0.13	10	0.15	0.098	ug/L	J	Q	1	6020/DOD
Beryllium	0.090	1.0	0.090	0.045	ug/L	U		1	6020/DOD
Calcium	59	100	20	9.4	ug/L	J		1	6020/DOD
Cadmium	0.30	1.0	0.30	0.13	ug/L	U		1	6020/DOD
Chromium	1.0	2.0	1.0	0.54	ug/L	U		1	6020/DOD
Cobalt	0.050	0.50	0.050	0.026	ug/L	U	Q	1	6020/DOD
Copper	0.60	2.0	0.50	0.24	ug/L	J	Q	1	6020/DOD
Iron	20	50	20	11	ug/L	U		1	6020/DOD
Magnesium	29	100	22	11	ug/L	J		1	6020/DOD
Manganese	0.30	5.0	0.30	0.16	ug/L	U		1	6020/DOD
Sodium	1600	100	55	27	ug/L			1	6020/DOD
Nickel	0.35	1.0	0.35	0.17	ug/L	U		1	6020/DOD
Lead	0.30	1.0	0.30	0.15	ug/L	U		1	6020/DOD
Antimony	0.90	2.0	0.90	0.46	ug/L	U		1	6020/DOD
Thallium	0.20	1.0	0.20	0.10	ug/L	U		1	6020/DOD
Vanadium	0.60	1.0	0.60	0.30	ug/L	U		1	6020/DOD
Zinc	2.0	5.0	2.0	0.96	ug/L	U	Q	1	6020/DOD
Potassium	60	100	60	32	ug/L	U		1	6020/DOD
Selenium	1.0	5.0	1.0	0.51	ug/L	U	Q	1	6020/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

ICV Source: MT6500ICV_00007 Concentration Units: ug/L

CCV Source: MT6500CCV_00021

Analyte	ICV 240-71033/4 01/03/2013 11:37				CCV 240-71033/18 01/03/2013 12:33				CCV 240-71033/30 01/03/2013 13:37			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	379		375	101	516		500	103	520		500	104
Barium	1540	J	1500	103	2010	J	2000	100	2020	J	2000	101
Cadmium	380		375	101	508		500	102	513		500	103
Chromium	1510		1500	101	1990		2000	100	2020		2000	101
Lead	374		375	100	502		500	100	503		500	101
Selenium	380		375	101	505		500	101	510		500	102
Silver	777		750	104	1010		1000	101	1020		1000	102

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.: 240-18735-2

SDG No.:

ICV Source: MT6500ICV_00007 Concentration Units: ug/L

CCV Source: MT6500CCV_00021

Analyte	CCV 240-71033/37 01/03/2013 14:09											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	521		500	104								
Barium	2000	J	2000	100								
Cadmium	512		500	102								
Chromium	2010		2000	100								
Lead	504		500	101								
Selenium	508		500	102								
Silver	1010		1000	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.: 240-18735-2

SDG No.:

ICV Source: MTHGICVW_00457 Concentration Units: ug/L

CCV Source: MTHGCALW_00295

Analyte	ICV 240-70435/7-A 12/29/2012 10:52				CCVL 240-70435/10-A 12/29/2012 11:56				CCV 240-70435/11-A 12/29/2012 12:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.33		2.50	93	4.96		5.00	99	4.94		5.00	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.: 240-18735-2

SDG No.:

ICV Source: MTHGICVW_00452 Concentration Units: ug/L

CCV Source: MTHGCALW_00293

Analyte	ICV 240-69493/7-A 12/20/2012 09:20				CCVL 240-69493/10-A 12/20/2012 11:26				CCV 240-69493/11-A 12/20/2012 14:22			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	2.38		2.50	95	4.89		5.00	98	5.00		5.00	100

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.: 240-18735-2

SDG No.:

ICV Source: MTHGICVW_00452 Concentration Units: ug/L

CCV Source: MTHGCALW_00293

Analyte	CCV 240-69493/11-A 12/20/2012 14:48				CCV 240-69493/11-A 12/20/2012 15:04							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.02		5.00	100	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 Pittsburgh Job No.: 240-18735-2

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	ICV 180-59694/5 12/28/2012 22:54				CCV 180-59694/10 12/28/2012 23:21				CCV 180-59694/58 12/29/2012 03:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	391		400	98	495		500	99	483		500	97
Antimony	77.8		80.0	97	93.2		100	93	95.7		100	96
Arsenic	79.7		80.0	100	95.9		100	96	96.2		100	96
Barium	78.0		80.0	97	92.5		100	93	97.0		100	97
Beryllium	77.9		80.0	97	98.3		100	98	99.5		100	99
Cadmium	80.3		80.0	100	98.4		100	98	98.7		100	99
Calcium	38300		40000	96	47100		50000	94	49100		50000	98
Chromium	79.8		80.0	100	96.1		100	96	95.0		100	95
Cobalt	77.8		80.0	97	94.8		100	95	93.8		100	94
Copper	79.1		80.0	99	95.6		100	96	95.8		100	96
Iron	19600		20000	98	24200		25000	97	24800		25000	99
Lead	77.8		80.0	97	93.5		100	94	92.4		100	92
Magnesium	38200		40000	95	48600		50000	97	48200		50000	96
Manganese	394		400	99	484		500	97	453		500	91
Nickel	78.3		80.0	98	95.3		100	95	94.8		100	95
Potassium	39100		40000	98	46900		50000	94	49000		50000	98
Selenium	81.1		80.0	101	99.4		100	99	99.5		100	99
Silver	78.4		80.0	98	96.3		100	96	96.9		100	97
Sodium	38600		40000	96	47900		50000	96	48300		50000	97
Thallium	80.2		80.0	100	93.7		100	94	92.6		100	93
Vanadium	77.1		80.0	96	95.3		100	95	94.4		100	94
Zinc	84.9		80.0	106	101		100	101	97.8		100	98

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 Pittsburgh Job No.: 240-18735-2

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	CCV 180-59694/70 12/29/2012 04:35											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	501		500	100								
Antimony	96.5		100	97								
Arsenic	98.5		100	98								
Barium	97.6		100	98								
Beryllium	101		100	101								
Cadmium	99.9		100	100								
Calcium	51400		50000	103								
Chromium	97.4		100	97								
Cobalt	96.3		100	96								
Copper	98.1		100	98								
Iron	25800		25000	103								
Lead	93.2		100	93								
Magnesium	50700		50000	101								
Manganese	456		500	91								
Nickel	96.9		100	97								
Potassium	51200		50000	102								
Selenium	104		100	104								
Silver	97.4		100	97								
Sodium	50000		50000	100								
Thallium	93.5		100	93								
Vanadium	97.0		100	97								
Zinc	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.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Method: 6010B/DOD Instrument ID: I9

Lab Sample ID: CRI 240-71033/6 Concentration Units: ug/L

CRQL Check Standard Source: MT6500CRIW_00006

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	5.00	4.88	J	98	80-120
Arsenic	15.0	14.7		98	80-120
Barium	10.0	10.1	J	101	80-120
Cadmium	5.00	5.15		103	80-120
Chromium	5.00	5.11		102	80-120
Lead	10.0	10.2		102	80-120
Selenium	20.0	19.5		97	80-120

Lab Sample ID: CRI 240-71033/39 Concentration Units: ug/L

CRQL Check Standard Source: MT6500CRIW_00006

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	5.00	4.81	J	96	80-120
Arsenic	15.0	15.3		102	80-120
Barium	10.0	9.76	J	98	80-120
Cadmium	5.00	5.03		101	80-120
Chromium	5.00	5.05		101	80-120
Lead	10.0	10.1		101	80-120
Selenium	20.0	19.3		96	80-120

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.: 240-18735-2

SDG No.:

Method: 7470A/DOD Instrument ID: H1

Lab Sample ID: CRA 240-70435/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00295

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.183	J	92	

Lab Sample ID: CRA 240-70435/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00295

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.217		108	

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.: 240-18735-2

SDG No.:

Method: 7470A/DOD Instrument ID: H4

Lab Sample ID: CRA 240-69493/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00293

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.200		100	

Lab Sample ID: CRA 240-69493/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00293

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.209		105	

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 Pittsburgh Job No.: 240-18735-2

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-59694/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.986	J	99	80-120
Aluminum	30.0	31.4		105	80-120
Arsenic	1.00	1.06		106	80-120
Barium	10.0	9.24	J	92	80-120
Beryllium	1.00	0.955	J	95	80-120
Calcium	100	102		102	80-120
Cadmium	1.00	1.05		105	80-120
Chromium	2.00	1.91	J	96	80-120
Cobalt	0.500	0.486	J	97	80-120
Copper	2.00	2.10		105	80-120
Iron	50.0	59.0		118	80-120
Magnesium	100	96.8	J	97	80-120
Manganese	5.00	5.12		102	80-120
Sodium	100	97.1	J	97	80-120
Nickel	1.00	0.968	J	97	80-120
Lead	1.00	0.923	J	92	80-120
Antimony	2.00	1.87	J	94	80-120
Thallium	1.00	0.865	J	87	80-120
Vanadium	1.00	0.898	J	90	80-120
Zinc	5.00	5.83		117	80-120
Potassium	100	92.3	J	92	80-120
Selenium	5.00	5.05		101	80-120

Lab Sample ID: CRI 180-59694/69 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.937	J	94	80-120
Aluminum	30.0	32.3		108	80-120
Arsenic	1.00	0.883	J	88	80-120
Barium	10.0	9.28	J	93	80-120
Beryllium	1.00	0.909	J	91	80-120
Calcium	100	108		108	80-120
Cadmium	1.00	1.01		101	80-120
Chromium	2.00	1.97	J	99	80-120

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 Pittsburgh Job No.: 240-18735-2

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-59694/69 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	0.500	0.495	J	99	80-120
Copper	2.00	2.12		106	80-120
Iron	50.0	57.7		115	80-120
Magnesium	100	98.6	J	99	80-120
Manganese	5.00	5.42		108	80-120
Sodium	100	94.5	J	95	80-120
Nickel	1.00	0.970	J	97	80-120
Lead	1.00	0.873	J	87	80-120
Antimony	2.00	1.90	J	95	80-120
Thallium	1.00	0.825	J	82	80-120
Vanadium	1.00	0.942	J	94	80-120
Zinc	5.00	5.72		114	80-120
Potassium	100	99.2	J	99	80-120
Selenium	5.00	4.99	J	100	80-120

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.: 240-18735-2

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-71033/5 01/03/2013 11:41		CCB 240-71033/19 01/03/2013 12:36		CCB 240-71033/31 01/03/2013 13:40		CCB 240-71033/38 01/03/2013 14:13	
		Found	C	Found	C	Found	C	Found	C
Arsenic	10	10	U	10	U	10	U	10	U
Barium	10000	5.0	U	5.0	U	5.0	U	5.0	U
Cadmium	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Chromium	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Selenium	10	10	U	10	U	10	U	10	U
Silver	5.0	4.0	U	4.0	U	4.0	U	4.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-70435/8-A 12/29/2012 10:53		CCB 240-70435/12-A 12/29/2012 11:57		CCB 240-70435/12-A 12/29/2012 12:16			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	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.: 240-18735-2

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-69493/8-A 12/20/2012 09:22		CCB 240-69493/12-A 12/20/2012 14:24		CCB 240-69493/12-A 12/20/2012 14:50		CCB 240-69493/12-A 12/20/2012 15:06	
		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 Pittsburgh Job No.: 240-18735-2

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-59694/6 12/28/2012 23:01		CCB1 180-59694/11 12/28/2012 23:29		CCB5 180-59694/59 12/29/2012 03:26		CCB6 180-59694/71 12/29/2012 04:43	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U	5.0	U	5.0	U	5.0	U
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.15	U	0.15	U	0.15	U
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	20	U	20	U	20	U	20	U
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.050	U	0.050	U
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	11.5	J	11.0	J	20	U
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	22	U	22	U	22	U	22	U
Manganese	5.0	0.30	U	0.30	U	0.30	U	0.251	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 240-69405/2-A

Instrument Code: I9 Batch No.: 71033

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.0050	U		6010_DOD
7440-38-2	Arsenic	0.010	U		6010_DOD
7440-39-3	Barium	0.0050	U		6010_DOD
7440-43-9	Cadmium	0.0010	U		6010_DOD
7440-47-3	Chromium	0.0040	U		6010_DOD
7439-92-1	Lead	0.0050	U		6010_DOD
7782-49-2	Selenium	0.010	U		6010_DOD

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 240-69294/1-D

Instrument Code: I9 Batch No.: 71033

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.0050	U		6010_DOD
7440-38-2	Arsenic	0.010	U		6010_DOD
7440-39-3	Barium	0.0050	U		6010_DOD
7440-43-9	Cadmium	0.0010	U		6010_DOD
7440-47-3	Chromium	0.0040	U		6010_DOD
7439-92-1	Lead	0.0050	U		6010_DOD
7782-49-2	Selenium	0.00689	J		6010_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 240-69409/2-A

Instrument Code: H4 Batch No.: 69665

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Hg	0.00020	U		7470_DOD

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 240-69294/1-E

Instrument Code: H4 Batch No.: 69665

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Hg	0.00020	U		7470_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 240-70255/1-A

Instrument Code: H1 Batch No.: 70694

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470_DOD

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 180-59308/1-A

Instrument Code: M Batch No.: 59694

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.20	U		6020_DoD
7429-90-5	Aluminum	6.47	J		6020_DoD
7440-38-2	Arsenic	0.50	U		6020_DoD
7440-39-3	Barium	0.15	U	Q	6020_DoD
7440-41-7	Beryllium	0.090	U		6020_DoD
7440-70-2	Calcium	20	U		6020_DoD
7440-43-9	Cadmium	0.30	U		6020_DoD
7440-47-3	Chromium	1.0	U		6020_DoD
7440-48-4	Cobalt	0.050	U	Q	6020_DoD
7440-50-8	Copper	0.50	U	Q	6020_DoD
7439-89-6	Iron	19.2	J		6020_DoD
7439-95-4	Magnesium	22	U		6020_DoD
7439-96-5	Manganese	0.30	U		6020_DoD
7440-23-5	Sodium	55	U		6020_DoD
7440-02-0	Nickel	0.35	U		6020_DoD
7439-92-1	Lead	0.30	U		6020_DoD
7440-36-0	Antimony	0.90	U		6020_DoD
7440-28-0	Thallium	0.20	U		6020_DoD
7440-62-2	Vanadium	0.60	U		6020_DoD
7440-66-6	Zinc	2.0	U	Q	6020_DoD
7440-09-7	Potassium	60	U		6020_DoD
7782-49-2	Selenium	1.0	U	Q	6020_DoD

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICSA 240-71033/8 Instrument ID: I9

Lab File ID: I9010312A.asc ICS Source: MTTRICSAW_00014

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**-1.89**	
Barium		**0.395**	
Cadmium		**0.975**	
Chromium		**3.14**	
Lead		**-1.11**	
Selenium		**-2.33**	
Silver		**-0.274**	
Aluminum	*500000*	*518430*	*104*
Antimony		*0.895*	
Beryllium		*-0.862*	
Calcium	*500000*	*494310*	*99*
Cobalt		*-1.50*	
Copper		*-1.76*	
Iron	*200000*	*196170*	*98*
Magnesium	*500000*	*523430*	*105*
Manganese		*1.17*	
Molybdenum		*-1.74*	
Nickel		*2.30*	
Potassium		*-61.8*	
Sodium		*108*	
Thallium		*4.35*	
Vanadium		*-1.29*	
Zinc		*6.29*	

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.: 240-18735-2

SDG No.:

Lab Sample ID: ICSAB 240-71033/9 Instrument ID: I9

Lab File ID: I9010312A.asc ICS Source: MT6500ICSAB2W_00005

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Arsenic	**1000**	**1022**	**102**
Barium	**500**	**498**	**100**
Cadmium	**1000**	**1031**	**103**
Chromium	**500**	**482**	**96**
Lead	**1000**	**924**	**92**
Selenium	**1000**	**993**	**99**
Silver	**1000**	**1094**	**109**
Aluminum	*500000*	*515020*	*103*
Antimony	*1000*	*1026*	*103*
Beryllium	*500*	*499*	*100*
Calcium	*500000*	*483930*	*97*
Cobalt	*500*	*494*	*99*
Copper	*500*	*537*	*107*
Iron	*200000*	*195870*	*98*
Magnesium	*500000*	*515320*	*103*
Manganese	*500*	*497*	*99*
Molybdenum	*1000*	*991*	*99*
Nickel	*1000*	*988*	*99*
Potassium	*10000*	*10321*	*103*
Sodium	*10000*	*10686*	*107*
Thallium	*1000*	*982*	*98*
Vanadium	*500*	*491*	*98*
Zinc	*1000*	*993*	*99*

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 Pittsburgh Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICSA 180-59694/8 Instrument ID: M

Lab File ID: M21228A.xml ICS Source: MICSAX_00023

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**97270**	**97**
Antimony		**0.277**	
Arsenic		**0.322**	
Barium		**0.210**	
Beryllium		**-0.0040**	
Cadmium		**0.218**	
Calcium	**100000**	**98790**	**99**
Chromium		**0.0190**	
Cobalt		**0.135**	
Copper		**1.53**	
Iron	**100000**	**102800**	**103**
Lead		**0.160**	
Magnesium	**100000**	**99060**	**99**
Manganese		**0.282**	
Nickel		**0.215**	
Potassium	**100000**	**98440**	**98**
Selenium		**1.15**	
Silver		**0.0930**	
Sodium	**100000**	**98080**	**98**
Thallium		**-0.0030**	
Vanadium		**-0.358**	
Zinc		**3.61**	
Boron		*0.416*	
Molybdenum	*2000*	*2138*	*107*
Silicon		*29.6*	
Strontium		*4.65*	
Tin		*0.287*	
Titanium	*2000*	*2124*	*106*

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 Pittsburgh Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICSAB 180-59694/9 Instrument ID: M

Lab File ID: M21228A.xml ICS Source: MICSABX_00026

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**100000**	**94617**	**95**
Antimony	**20.0**	**18.8**	**94**
Arsenic	**20.0**	**20.3**	**101**
Barium	**20.0**	**19.5**	**98**
Beryllium	**20.0**	**18.8**	**94**
Cadmium	**20.0**	**19.4**	**97**
Calcium	**100000**	**96587**	**97**
Chromium	**20.0**	**19.7**	**98**
Cobalt	**20.0**	**19.1**	**95**
Copper	**20.0**	**20.2**	**101**
Iron	**100000**	**98603**	**99**
Lead	**20.0**	**19.9**	**100**
Magnesium	**100000**	**96100**	**96**
Manganese	**22.5**	**20.3**	**90**
Nickel	**20.0**	**18.7**	**93**
Potassium	**100000**	**95383**	**95**
Selenium	**50.0**	**51.5**	**103**
Silver	**20.0**	**18.8**	**94**
Sodium	**100000**	**96977**	**97**
Thallium	**20.0**	**19.7**	**99**
Vanadium	**20.0**	**19.5**	**98**
Zinc	**25.0**	**23.3**	**93**
Boron	*50.0*	*44.9*	*90*
Molybdenum	*2000*	*2062*	*103*
Silicon	*500*	*532*	*106*
Strontium	*20.0*	*23.6*	*118*
Tin	*100*	*94.8*	*95*
Titanium	*2000*	*2071*	*104*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: 070-0058-0001-IDW MS
Lab ID: 240-18735-5 MS
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG No.:
Matrix: Solid
Concentration Units: mg/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	1.02	J	0.0050	U	1.00	102	80-120	D	6010B/DOD
Arsenic	5.19		0.0044	J	5.00	104	80-120	D	6010B/DOD
Barium	49.9	J	0.29	J	50.0	99	80-120	D	6010B/DOD
Cadmium	1.03		0.0016	J	1.00	103	80-120	D	6010B/DOD
Chromium	5.04		0.0024	J	5.00	101	80-120	D	6010B/DOD
Lead	5.05		0.0090	J	5.00	101	80-120	D	6010B/DOD
Selenium	1.03	J	0.0066	J	1.00	103	80-120	D	6010B/DOD
Hg	0.00526		0.00020	U	0.00500	105	50-150		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 DUPLICATE SAMPLE RECOVERY
METALS - TCLP

Client ID: 070-0058-0001-IDW MSD
Lab ID: 240-18735-5 MSD
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG No.:
Matrix: Solid
Concentration Units: mg/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Silver	1.02	J	1.00	102	80-120	1	20	D	6010B/DOD
Arsenic	5.18		5.00	103	80-120	0	20	D	6010B/DOD
Barium	49.6	J	50.0	99	80-120	0	20	D	6010B/DOD
Cadmium	1.03		1.00	102	80-120	0	20	D	6010B/DOD
Chromium	5.06		5.00	101	80-120	1	20	D	6010B/DOD
Lead	5.04		5.00	101	80-120	0	20	D	6010B/DOD
Selenium	1.03	J	1.00	103	80-120	0	20	D	6010B/DOD
Hg	0.00544		0.00500	109	50-150	3	20		7470A/DOD

SDR = Sample Duplicate Result

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

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TCLP

Client ID: 070-0058-0001-IDW PDS Lab ID: 240-18735-5 PDS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Solid Concentration Units: mg/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	0.111	J	0.0050	U	0.100	111	75-125		6010B/DOD
Arsenic	0.329	J	0.0044	J	0.300	108	75-125		6010B/DOD
Barium	0.340	J	0.29	J	0.0500	102	75-125		6010B/DOD
Cadmium	0.370		0.0016	J	0.350	105	75-125		6010B/DOD
Chromium	0.209	J	0.0024	J	0.200	103	75-125		6010B/DOD
Lead	0.151	J	0.0090	J	0.150	95	75-125		6010B/DOD
Selenium	0.438		0.0066	J	0.400	108	75-125		6010B/DOD

SSR = Spiked Sample Result

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

FORM VB - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-69405/3-A

Lab Name: TestAmerica Canton Job No.: 240-18735-2

Sample Matrix: Water LCS Source: MTAGSPIKEW_00024

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	0.0500	0.0505	J	101	80	120		6010B/DOD
Arsenic	2.00	2.10		105	80	120		6010B/DOD
Barium	2.00	1.95	J	98	80	120		6010B/DOD
Cadmium	0.0500	0.0499	J	100	80	120		6010B/DOD
Chromium	0.200	0.199	J	100	80	120		6010B/DOD
Lead	0.500	0.469	J	94	80	120		6010B/DOD
Selenium	2.00	2.07		104	80	120		6010B/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 240-69409/3-A

Lab Name: TestAmerica Canton Job No.: 240-18735-2

Sample Matrix: Water LCS Source: MTHGICVW_00453

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Hg	0.00500	0.00579		116	50	150		7470A/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 240-70255/2-A

Lab Name: TestAmerica Canton Job No.: 240-18735-2

Sample Matrix: Water LCS Source: MTHGICVW_00456

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	5.00	4.89		98	80	120		7470A/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 180-59308/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

Sample Matrix: Water LCS Source: MTAPITTICPMS_00010

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	50.0	45.9		92	80	120		6020/DOD
Aluminum	2000	1830		92	80	120		6020/DOD
Arsenic	40.0	37.4		93	80	120		6020/DOD
Barium	2000	1760		88	80	120	Q	6020/DOD
Beryllium	50.0	44.7		89	80	120		6020/DOD
Calcium	50000	47000		94	80	120		6020/DOD
Cadmium	50.0	46.3		93	80	120		6020/DOD
Chromium	200	182		91	80	120		6020/DOD
Cobalt	500	445		89	80	120	Q	6020/DOD
Copper	250	230		92	80	120	Q	6020/DOD
Iron	1000	989		99	80	120		6020/DOD
Magnesium	50000	44900		90	80	120		6020/DOD
Manganese	500	460		92	80	120		6020/DOD
Sodium	50000	41900		84	80	120		6020/DOD
Nickel	500	448		90	80	120		6020/DOD
Lead	20.0	17.6		88	80	120		6020/DOD
Antimony	500	442		88	80	120		6020/DOD
Thallium	50.0	43.0		86	80	120		6020/DOD
Vanadium	500	460		92	80	120		6020/DOD
Zinc	500	464		93	80	120	Q	6020/DOD
Potassium	50000	45700		91	80	120		6020/DOD
Selenium	10.0	10.2		102	80	120	Q	6020/DOD

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

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS - TOTAL RECOVERABLE

Lab ID: LCSD 180-59308/3-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

Sample Matrix: Water LCS Source: MTAPITTICPMS_00010

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Silver	46.3		50.0	93	80-120	1	20		6020/DOD
Aluminum	1820		2000	91	80-120	1	20		6020/DOD
Arsenic	36.9		40.0	92	80-120	1	20		6020/DOD
Barium	1770		2000	88	80-120	0	20	Q	6020/DOD
Beryllium	44.5		50.0	89	80-120	0	20		6020/DOD
Calcium	47300		50000	95	80-120	1	20		6020/DOD
Cadmium	46.2		50.0	92	80-120	0	20		6020/DOD
Chromium	184		200	92	80-120	1	20		6020/DOD
Cobalt	452		500	90	80-120	2	20	Q	6020/DOD
Copper	233		250	93	80-120	1	20	Q	6020/DOD
Iron	997		1000	100	80-120	1	20		6020/DOD
Magnesium	45500		50000	91	80-120	1	20		6020/DOD
Manganese	463		500	93	80-120	1	20		6020/DOD
Sodium	43200		50000	86	80-120	3	20		6020/DOD
Nickel	456		500	91	80-120	2	20		6020/DOD
Lead	17.9		20.0	89	80-120	2	20		6020/DOD
Antimony	438		500	88	80-120	1	20		6020/DOD
Thallium	43.7		50.0	87	80-120	2	20		6020/DOD
Vanadium	464		500	93	80-120	1	20		6020/DOD
Zinc	463		500	93	80-120	0	20	Q	6020/DOD
Potassium	46300		50000	93	80-120	1	20		6020/DOD
Selenium	10.1		10.0	101	80-120	1	20	Q	6020/DOD

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 240-18735-5

SDG No:

Lab Name: TestAmerica Canton Job No: 240-18735-2

Matrix: Solid Concentration Units: mg/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.0050	U	0.025	U	NC		6010B/DOD
Arsenic	0.0044	J	0.050	U	NC		6010B/DOD
Barium	0.29	J	0.289	J	NC	D	6010B/DOD
Cadmium	0.0016	J	0.0050	U	NC		6010B/DOD
Chromium	0.0024	J	0.020	U	NC		6010B/DOD
Lead	0.0090	J	0.025	U	NC		6010B/DOD
Selenium	0.0066	J	0.050	U	NC		6010B/DOD

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: I9

Method: 6010B/DOD DL Date: 02/22/2010 10:09

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (ug/L)
Arsenic	189.042	0.5	3.28
Barium	493.409	10	2.75
Cadmium	226.502	0.1	0.39
Chromium	267.716	0.5	1.39
Lead	220.353	0.5	1.72
Selenium	196.026	0.25	3.97
Silver	328.068	0.5	1.74

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: I9

Method: 6010B/DOD XMDL Date: 02/22/2010 10:10

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic	189.042	10	3.28
Barium	493.409	10000	2.75
Cadmium	226.502	2	0.29
Chromium	267.716	5	1.39
Lead	220.353	5	1.72
Selenium	196.026	10	3.97
Silver	328.068	5	1.5

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: I9

Method: 6010B/DOD DL Date: 02/22/2010 10:09

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (ug/L)
Arsenic	189.042	0.5	3.28
Barium	493.409	10	2.75
Cadmium	226.502	0.1	0.39
Chromium	267.716	0.5	1.39
Lead	220.353	0.5	1.72
Selenium	196.026	0.25	3.97
Silver	328.068	0.5	1.74

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: I9

Method: 6010B/DOD XMDL Date: 02/22/2010 10:10

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic	189.042	10	3.28
Barium	493.409	10000	2.75
Cadmium	226.502	2	0.29
Chromium	267.716	5	1.39
Lead	220.353	5	1.72
Selenium	196.026	10	3.97
Silver	328.068	5	1.5

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-18735-2

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: 240-18735-2

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 - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7470A/DOD DL Date: 02/16/2010 09:13

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (mg/L)
Hg	253.7	0.002	0.00012

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7470A/DOD XMDL Date: 02/16/2010 09:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Hg	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: H4

Method: 7470A/DOD DL Date: 02/16/2010 09:13

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (mg/L)
Hg	253.7	0.002	0.00012

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: H4

Method: 7470A/DOD XMDL Date: 02/16/2010 09:13

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Hg	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Pittsburgh Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: M

Method: 6020/DOD DL Date: 01/26/2010 16:35

Prep Method: 3005A

Analyte	Wavelength/ Mass	LOQ (ug/L)	DL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: TestAmerica Pittsburgh Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: M

Method: 6020/DOD XMDL Date: 01/26/2010 16:35

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-18735-2

SDG No.:

Instrument ID: I9 Date: 10/16/2012 17:26

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		2000	6010B/DOD
Arsenic		5000	6010B/DOD
Barium		25000	6010B/DOD
Cadmium		2000	6010B/DOD
Chromium		20000	6010B/DOD
Lead		15000	6010B/DOD
Selenium		10000	6010B/DOD

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-18735-2

SDG No.:

Instrument ID: H1 Date: 04/01/2011 10:45

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7470A/DOD

FORM XI - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-18735-2

SDG No.:

Instrument ID: H4 Date: 04/01/2011 10:50

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Hg		10	7470A/DOD

FORM XI - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Pittsburgh Job No: 240-18735-2

SDG No.:

Instrument ID: M Date: 03/14/2011 22:35

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		2500	6020/DOD
Aluminum		450000	6020/DOD
Arsenic		4500	6020/DOD
Barium		13500	6020/DOD
Beryllium		9000	6020/DOD
Calcium		1500000	6020/DOD
Cadmium		13500	6020/DOD
Chromium		13500	6020/DOD
Cobalt		13500	6020/DOD
Copper		20000	6020/DOD
Iron		450000	6020/DOD
Magnesium		1500000	6020/DOD
Manganese		25000	6020/DOD
Sodium		450000	6020/DOD
Nickel		13500	6020/DOD
Lead		20000	6020/DOD
Antimony		13500	6020/DOD
Thallium		13500	6020/DOD
Vanadium		13500	6020/DOD
Zinc		25000	6020/DOD
Potassium		450000	6020/DOD
Selenium		4500	6020/DOD

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 240-69294/1-D	12/19/2012 12:05	69405		50	50
MB 240-69405/2-A	12/19/2012 12:05	69405		50	50
LCS 240-69405/3-A	12/19/2012 12:05	69405		50	50
240-18735-5	12/19/2012 12:05	69405		50	50
240-18735-5 MS	12/19/2012 12:05	69405		50	50
240-18735-5 MSD	12/19/2012 12:05	69405		50	50
240-18735-6	12/19/2012 12:05	69405		12.5	50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 240-69294/1-E	12/20/2012 11:20	69409		100	100
MB 240-69409/2-A	12/20/2012 11:20	69409		100	100
LCS 240-69409/3-A	12/20/2012 11:20	69409		100	100
240-18735-5	12/20/2012 11:20	69409		100	100
240-18735-5 MS	12/20/2012 11:20	69409		100	100
240-18735-5 MSD	12/20/2012 11:20	69409		100	100
240-18735-6	12/20/2012 11:20	69409		100	100

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-70255/1-A	12/27/2012 16:00	70255		100	100
LCS 240-70255/2-A	12/27/2012 16:00	70255		100	100
240-18735-3	12/27/2012 16:00	70255		100	100
240-18735-4	12/27/2012 16:00	70255		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 180-59308/1-A	12/24/2012 10:24	59308		50	50
LCS 180-59308/2-A	12/24/2012 10:24	59308		50	50
LCSD 180-59308/3-A	12/24/2012 10:24	59308		50	50
240-18735-3	12/24/2012 10:24	59308		50	50
240-18735-4	12/24/2012 10:24	59308		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: I9 Method: 6010B/DOD

Start Date: 01/03/2013 11:25 End Date: 01/03/2013 22:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ICIS 240-71033/1	1		11:25	X	X	X	X	X	X	X													
CALSTD 240-71033/2 IC			11:29	X	X	X	X	X	X	X													
CALSTD 240-71033/3 IC			11:33	X	X	X	X	X	X	X													
ICV 240-71033/4	1		11:37	X	X	X	X	X	X	X													
ICB 240-71033/5	1		11:41	X	X	X	X	X	X	X													
CRI 240-71033/6	1		11:45	X	X	X	X	X	X	X													
ZZZZZZ			11:49																				
ICSA 240-71033/8	1		11:53	X	X	X	X	X	X	X													
ICSAB 240-71033/9	1		11:57	X	X	X	X	X	X	X													
CCV 240-71033/10			12:01																				
CCB 240-71033/11			12:05																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:17																				
ZZZZZZ			12:21																				
ZZZZZZ			12:25																				
ZZZZZZ			12:29																				
CCV 240-71033/18	1		12:33	X	X	X	X	X	X	X													
CCB 240-71033/19	1		12:36	X	X	X	X	X	X	X													
LB 240-69294/1-D	1	P	12:40	X	X	X	X	X	X	X													
MB 240-69405/2-A	1	T	12:45	X	X	X	X	X	X	X													
LCS 240-69405/3-A	1	T	12:49	X	X	X	X	X	X	X													
240-18735-5	1	P	12:52	X	X	X	X	X	X	X													
240-18735-5 SD	5	P	12:57	X	X	X	X	X	X	X													
ZZZZZZ			13:01																				
ZZZZZZ			13:05																				
240-18735-5 MS	5	P	13:11	X	X	X	X	X	X	X													
240-18735-5 MSD	5	P	13:15	X	X	X	X	X	X	X													
240-18735-5 PDS	1	P	13:32	X	X	X	X	X	X	X													
CCV 240-71033/30	1		13:37	X	X	X	X	X	X	X													
CCB 240-71033/31	1		13:40	X	X	X	X	X	X	X													
240-18735-6	1	P	13:44	X	X	X	X	X	X	X													
ZZZZZZ			13:48																				
ZZZZZZ			13:52																				
ZZZZZZ			13:56																				
ZZZZZZ			14:05																				
CCV 240-71033/37	1		14:09	X	X	X	X	X	X	X													
CCB 240-71033/38	1		14:13	X	X	X	X	X	X	X													
CRI 240-71033/39	1		14:17	X	X	X	X	X	X	X													
ZZZZZZ			14:21																				
ZZZZZZ			14:25																				
CCV 240-71033/42			14:29																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: I9 Method: 6010B/DOD

Start Date: 01/03/2013 11:25 End Date: 01/03/2013 22:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
CCB 240-71033/43			14:49																				
ZZZZZZ			14:53																				
ZZZZZZ			15:58																				
ZZZZZZ			16:02																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:22																				
ZZZZZZ			16:26																				
ZZZZZZ			16:30																				
CCV 240-71033/54			16:33																				
CCB 240-71033/55			16:37																				
ZZZZZZ			16:41																				
ZZZZZZ			16:45																				
ZZZZZZ			16:49																				
ZZZZZZ			16:53																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
ZZZZZZ			17:04																				
ZZZZZZ			17:08																				
ZZZZZZ			17:12																				
ZZZZZZ			17:16																				
CCV 240-71033/66			17:20																				
CCB 240-71033/67			17:23																				
ZZZZZZ			17:27																				
ZZZZZZ			17:31																				
ZZZZZZ			17:35																				
ZZZZZZ			17:39																				
ZZZZZZ			17:43																				
ZZZZZZ			17:48																				
ZZZZZZ			17:52																				
ZZZZZZ			17:56																				
ZZZZZZ			17:59																				
ZZZZZZ			18:03																				
CCV 240-71033/78			18:07																				
CCB 240-71033/79			18:11																				
ZZZZZZ			18:15																				
ZZZZZZ			18:19																				
ZZZZZZ			18:23																				
ZZZZZZ			18:27																				
ZZZZZZ			18:31																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: I9 Method: 6010B/DOD

Start Date: 01/03/2013 11:25 End Date: 01/03/2013 22:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:42																				
ZZZZZZ			18:46																				
ZZZZZZ			18:50																				
CCV 240-71033/90			18:54																				
CCB 240-71033/91			18:58																				
ZZZZZZ			19:02																				
ZZZZZZ			19:06																				
ZZZZZZ			19:10																				
ZZZZZZ			19:14																				
ZZZZZZ			19:18																				
ZZZZZZ			19:21																				
ZZZZZZ			19:25																				
ZZZZZZ			19:29																				
ZZZZZZ			19:33																				
ZZZZZZ			19:37																				
CCV 240-71033/102			19:41																				
CCB 240-71033/103			19:45																				
ZZZZZZ			19:49																				
ZZZZZZ			19:53																				
ZZZZZZ			19:57																				
ZZZZZZ			20:01																				
ZZZZZZ			20:05																				
ZZZZZZ			20:09																				
ZZZZZZ			20:13																				
ZZZZZZ			20:17																				
ZZZZZZ			20:21																				
ZZZZZZ			20:25																				
CCV 240-71033/114			20:29																				
CCB 240-71033/115			20:33																				
ZZZZZZ			20:36																				
ZZZZZZ			20:40																				
ZZZZZZ			20:44																				
ZZZZZZ			20:48																				
ZZZZZZ			20:52																				
ZZZZZZ			20:56																				
ZZZZZZ			21:00																				
ZZZZZZ			21:04																				
ZZZZZZ			21:08																				
ZZZZZZ			21:12																				
CCV 240-71033/126			21:16																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: I9 Method: 6010B/DOD

Start Date: 01/03/2013 11:25 End Date: 01/03/2013 22:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
CCB 240-71033/127			21:20																				
ZZZZZZ			21:24																				
ZZZZZZ			21:28																				
ZZZZZZ			21:32																				
ZZZZZZ			21:36																				
ZZZZZZ			21:40																				
ZZZZZZ			21:44																				
ZZZZZZ			21:48																				
ZZZZZZ			21:52																				
ZZZZZZ			21:56																				
ZZZZZZ			22:00																				
CCV 240-71033/138			22:04																				
CCB 240-71033/139			22:08																				
ZZZZZZ			22:12																				
CCV 240-71033/141			22:16																				
CCB 240-71033/142			22:19																				

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 12/29/2012 10:42 End Date: 12/29/2012 15:44

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 240-70435/1-A			10:42	X																			
IC 240-70435/2-A			10:44	X																			
IC 240-70435/3-A			10:45	X																			
IC 240-70435/4-A			10:47	X																			
IC 240-70435/5-A			10:49	X																			
IC 240-70435/6-A			10:50	X																			
ICV 240-70435/7-A	1		10:52	X																			
ICB 240-70435/8-A	1		10:53	X																			
CRA 240-70435/9-A	1		10:55	X																			
CCVL 240-70435/10-A	1		11:56	X																			
CCB 240-70435/12-A	1		11:57	X																			
MB 240-70255/1-A	1	T	11:59	X																			
LCS 240-70255/2-A	1	T	12:00	X																			
ZZZZZZ			12:02																				
ZZZZZZ			12:03																				
ZZZZZZ			12:05																				
ZZZZZZ			12:06																				
240-18735-4	1	T	12:08	X																			
240-18735-3	1	T	12:10	X																			
CRA 240-70435/9-A	1		12:12	X																			
ZZZZZZ			12:13																				
CCV 240-70435/11-A	1		12:14	X																			
CCB 240-70435/12-A	1		12:16	X																			
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
ZZZZZZ			12:20																				
ZZZZZZ			12:21																				
ZZZZZZ			12:23																				
ZZZZZZ			12:24																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:30																				
ZZZZZZ			12:31																				
CCV 240-70435/11-A			12:33																				
CCB 240-70435/12-A			12:34																				
ZZZZZZ			12:36																				
ZZZZZZ			12:37																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
ZZZZZZ			12:42																				
ZZZZZZ			12:44																				
ZZZZZZ			12:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 12/29/2012 10:42 End Date: 12/29/2012 15:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			12:47																				
ZZZZZZ			12:49																				
ZZZZZZ			12:51																				
CCV 240-70435/11-A			12:52																				
CCB 240-70435/12-A			12:54																				
ZZZZZZ			12:55																				
ZZZZZZ			12:57																				
ZZZZZZ			12:59																				
ZZZZZZ			13:00																				
ZZZZZZ			13:01																				
ZZZZZZ			13:03																				
ZZZZZZ			13:04																				
ZZZZZZ			13:06																				
ZZZZZZ			13:07																				
ZZZZZZ			13:09																				
CCV 240-70435/11-A			13:10																				
CCB 240-70435/12-A			13:12																				
CCV 240-70435/11-A			13:14																				
CCB 240-70435/12-A			13:16																				
ZZZZZZ			13:17																				
ZZZZZZ			13:18																				
ZZZZZZ			13:20																				
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
ZZZZZZ			13:24																				
ZZZZZZ			13:26																				
ZZZZZZ			13:28																				
ZZZZZZ			13:29																				
ZZZZZZ			13:31																				
CCV 240-70435/11-A			13:32																				
CCB 240-70435/12-A			13:33																				
ZZZZZZ			13:36																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				
ZZZZZZ			13:40																				
ZZZZZZ			13:42																				
ZZZZZZ			13:44																				
ZZZZZZ			13:45																				
ZZZZZZ			13:47																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
CCV 240-70435/11-A			13:51																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 12/29/2012 10:42 End Date: 12/29/2012 15:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 240-70435/12-A			13:53																				
ZZZZZZ			13:54																				
ZZZZZZ			13:56																				
ZZZZZZ			13:58																				
ZZZZZZ			13:59																				
ZZZZZZ			14:01																				
ZZZZZZ			14:03																				
ZZZZZZ			14:04																				
CRA 240-70435/9-A			14:06																				
CCV 240-70435/11-A			14:07																				
CCB 240-70435/12-A			14:08																				
CCV 240-70435/11-A			14:10																				
CCB 240-70435/12-A			14:11																				
ZZZZZZ			14:13																				
ZZZZZZ			14:14																				
ZZZZZZ			14:16																				
ZZZZZZ			14:17																				
ZZZZZZ			14:19																				
ZZZZZZ			14:20																				
ZZZZZZ			14:21																				
ZZZZZZ			14:23																				
ZZZZZZ			14:24																				
ZZZZZZ			14:25																				
CCV 240-70435/11-A			14:27																				
CCB 240-70435/12-A			14:29																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:33																				
ZZZZZZ			14:35																				
ZZZZZZ			14:37																				
ZZZZZZ			14:38																				
ZZZZZZ			14:40																				
ZZZZZZ			14:41																				
ZZZZZZ			14:42																				
ZZZZZZ			14:44																				
CCV 240-70435/11-A			14:45																				
CCB 240-70435/12-A			14:47																				
ZZZZZZ			14:48																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:54																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H1 Method: 7470A/DOD

Start Date: 12/29/2012 10:42 End Date: 12/29/2012 15:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			14:56																				
ZZZZZZ			14:57																				
ZZZZZZ			14:58																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
CCV 240-70435/11-A			15:03																				
CCB 240-70435/12-A			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:07																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:12																				
ZZZZZZ			15:13																				
ZZZZZZ			15:14																				
ZZZZZZ			15:16																				
ZZZZZZ			15:17																				
ZZZZZZ			15:19																				
CCV 240-70435/11-A			15:21																				
CCB 240-70435/12-A			15:22																				
ZZZZZZ			15:24																				
ZZZZZZ			15:25																				
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:31																				
ZZZZZZ			15:32																				
ZZZZZZ			15:34																				
ZZZZZZ			15:35																				
ZZZZZZ			15:37																				
CCV 240-70435/11-A			15:38																				
CCB 240-70435/12-A			15:39																				
ZZZZZZ			15:41																				
CCV 240-70435/11-A			15:43																				
CCB 240-70435/12-A			15:44																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H4 Method: 7470A/DOD

Start Date: 12/20/2012 09:06 End Date: 12/20/2012 19:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 240-69493/1-A			09:06	X																			
IC 240-69493/2-A			09:09	X																			
IC 240-69493/3-A			09:11	X																			
IC 240-69493/4-A			09:12	X																			
IC 240-69493/5-A			09:15	X																			
IC 240-69493/6-A			09:18	X																			
ICV 240-69493/7-A	1		09:20	X																			
ICB 240-69493/8-A	1		09:22	X																			
CRA 240-69493/9-A	1		09:24	X																			
CCVL 240-69493/10-A	1		11:26	X																			
CCB 240-69493/12-A			11:29																				
ZZZZZZ			11:31																				
ZZZZZZ			11:33																				
ZZZZZZ			11:35																				
ZZZZZZ			11:38																				
ZZZZZZ			11:41																				
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				
CCV 240-69493/11-A			11:54																				
CCB 240-69493/12-A			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:00																				
ZZZZZZ			12:02																				
ZZZZZZ			12:03																				
ZZZZZZ			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:09																				
ZZZZZZ			12:11																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
CCV 240-69493/11-A			12:17																				
CCB 240-69493/12-A			12:19																				
ZZZZZZ			12:21																				
ZZZZZZ			12:23																				
ZZZZZZ			12:25																				
ZZZZZZ			12:27																				
ZZZZZZ			12:29																				
ZZZZZZ			12:32																				
ZZZZZZ			12:34																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H4 Method: 7470A/DOD

Start Date: 12/20/2012 09:06 End Date: 12/20/2012 19:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			12:36																				
ZZZZZZ			12:38																				
ZZZZZZ			12:40																				
CCV 240-69493/11-A			12:41																				
CCB 240-69493/12-A			12:44																				
ZZZZZZ			12:46																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:54																				
ZZZZZZ			12:56																				
ZZZZZZ			12:58																				
ZZZZZZ			13:00																				
ZZZZZZ			13:01																				
ZZZZZZ			13:04																				
CCV 240-69493/11-A			13:06																				
CCB 240-69493/12-A			13:08																				
ZZZZZZ			13:10																				
ZZZZZZ			13:12																				
ZZZZZZ			13:14																				
ZZZZZZ			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:26																				
ZZZZZZ			13:28																				
CCV 240-69493/11-A			13:31																				
CCB 240-69493/12-A			13:33																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:40																				
ZZZZZZ			13:42																				
ZZZZZZ			13:44																				
ZZZZZZ			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:52																				
CCV 240-69493/11-A			13:54																				
CCB 240-69493/12-A			13:56																				
ZZZZZZ			13:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H4 Method: 7470A/DOD

Start Date: 12/20/2012 09:06 End Date: 12/20/2012 19:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			14:00																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
ZZZZZZ			14:12																				
ZZZZZZ			14:14																				
ZZZZZZ			14:17																				
CCV 240-69493/11-A	1		14:22	X																			
CCB 240-69493/12-A	1		14:24	X																			
ZZZZZZ			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:31																				
ZZZZZZ			14:33																				
ZZZZZZ			14:35																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
LB 240-69294/1-E	1	P	14:43	X																			
MB 240-69409/2-A	1	T	14:45	X																			
CCV 240-69493/11-A	1		14:48	X																			
CCB 240-69493/12-A	1		14:50	X																			
LCS 240-69409/3-A	1	T	14:52	X																			
240-18735-5	1	P	14:54	X																			
240-18735-5 MS	1	P	14:56	X																			
240-18735-5 MSD	1	P	14:57	X																			
240-18735-6	1	P	15:00	X																			
CRA 240-69493/9-A	1		15:01	X																			
CCV 240-69493/11-A	1		15:04	X																			
CCB 240-69493/12-A	1		15:06	X																			
CCV 240-69493/11-A			15:34																				
CCB 240-69493/12-A			15:36																				
ZZZZZZ			15:39																				
ZZZZZZ			15:40																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
ZZZZZZ			15:51																				
ZZZZZZ			15:52																				
CCV 240-69493/11-A			15:59																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H4 Method: 7470A/DOD

Start Date: 12/20/2012 09:06 End Date: 12/20/2012 19:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 240-69493/12-A			16:01																				
ZZZZZZ			16:03																				
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:17																				
ZZZZZZ			16:19																				
ZZZZZZ			16:21																				
CCV 240-69493/11-A			16:24																				
CCB 240-69493/12-A			16:26																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:34																				
ZZZZZZ			16:36																				
ZZZZZZ			16:38																				
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				
ZZZZZZ			16:44																				
ZZZZZZ			16:46																				
CCV 240-69493/11-A			16:48																				
CCB 240-69493/12-A			16:50																				
ZZZZZZ			16:51																				
ZZZZZZ			16:54																				
ZZZZZZ			16:55																				
ZZZZZZ			16:57																				
ZZZZZZ			16:59																				
ZZZZZZ			17:01																				
ZZZZZZ			17:04																				
ZZZZZZ			17:06																				
ZZZZZZ			17:08																				
ZZZZZZ			17:10																				
CCV 240-69493/11-A			17:12																				
CCB 240-69493/12-A			17:15																				
ZZZZZZ			17:17																				
ZZZZZZ			17:19																				
ZZZZZZ			17:21																				
ZZZZZZ			17:24																				
ZZZZZZ			17:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H4 Method: 7470A/DOD

Start Date: 12/20/2012 09:06 End Date: 12/20/2012 19:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			17:28																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
ZZZZZZ			17:35																				
ZZZZZZ			17:37																				
CCV 240-69493/11-A			17:39																				
CCB 240-69493/12-A			17:41																				
ZZZZZZ			17:43																				
ZZZZZZ			17:46																				
ZZZZZZ			17:48																				
ZZZZZZ			17:50																				
ZZZZZZ			17:52																				
ZZZZZZ			17:54																				
ZZZZZZ			17:56																				
ZZZZZZ			17:57																				
ZZZZZZ			18:00																				
ZZZZZZ			18:02																				
CCV 240-69493/11-A			18:04																				
CCB 240-69493/12-A			18:06																				
ZZZZZZ			18:08																				
ZZZZZZ			18:10																				
ZZZZZZ			18:12																				
ZZZZZZ			18:14																				
ZZZZZZ			18:16																				
ZZZZZZ			18:18																				
ZZZZZZ			18:20																				
ZZZZZZ			18:22																				
ZZZZZZ			18:25																				
ZZZZZZ			18:27																				
CCV 240-69493/11-A			18:29																				
CCB 240-69493/12-A			18:31																				
ZZZZZZ			18:33																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:39																				
ZZZZZZ			18:41																				
ZZZZZZ			18:45																				
ZZZZZZ			18:47																				
ZZZZZZ			18:49																				
ZZZZZZ			18:51																				
ZZZZZZ			18:53																				
CCV 240-69493/11-A			18:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: H4 Method: 7470A/DOD

Start Date: 12/20/2012 09:06 End Date: 12/20/2012 19:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 240-69493/12-A			18:57																				
ZZZZZZ			18:59																				
ZZZZZZ			19:01																				
ZZZZZZ			19:03																				
ZZZZZZ			19:05																				
ZZZZZZ			19:07																				
ZZZZZZ			19:09																				
ZZZZZZ			19:11																				
ZZZZZZ			19:13																				
ZZZZZZ			19:15																				
ZZZZZZ			19:17																				
CCV 240-69493/11-A			19:19																				
CCB 240-69493/12-A			19:21																				
ZZZZZZ			19:24																				
ZZZZZZ			19:26																				
ZZZZZZ			19:28																				
ZZZZZZ			19:31																				
ZZZZZZ			19:33																				
ZZZZZZ			19:36																				
ZZZZZZ			19:38																				
ZZZZZZ			19:41																				
CCV 240-69493/11-A			19:43																				
CCB 240-69493/12-A			19:45																				

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

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
ITUNE 180-59694/1			15:41																				
STD1 180-59694/2 IC	1		22:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-59694/3 IC	1		22:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-59694/4 IC	1		22:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-59694/5	1		22:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-59694/6	1		23:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-59694/7	1		23:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 180-59694/8	1		23:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-59694/9	1		23:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59694/10	1		23:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-59694/11	1		23:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:33																				
ZZZZZZ			23:37																				
ZZZZZZ			23:42																				
ZZZZZZ			23:46																				
ZZZZZZ			23:50																				
ZZZZZZ			23:55																				
ZZZZZZ			23:59																				
ZZZZZZ			00:03																				
ZZZZZZ			00:08																				
ZZZZZZ			00:12																				
CCV 180-59694/22			00:19																				
CCB2 180-59694/23			00:27																				
ZZZZZZ			00:31																				
ZZZZZZ			00:36																				
ZZZZZZ			00:40																				
ZZZZZZ			00:44																				
ZZZZZZ			00:49																				
ZZZZZZ			00:53																				
ZZZZZZ			00:57																				
ZZZZZZ			01:01																				
ZZZZZZ			01:06																				
ZZZZZZ			01:10																				
CCV 180-59694/34			01:17																				
CCB3 180-59694/35			01:25																				
ZZZZZZ			01:30																				
ZZZZZZ			01:34																				
ZZZZZZ			01:38																				
ZZZZZZ			01:43																				
ZZZZZZ			01:47																				
ZZZZZZ			01:51																				
ZZZZZZ			01:59																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

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			02:03																				
ZZZZZZ			02:08																				
ZZZZZZ			02:12																				
CCV 180-59694/46			02:19																				
CCB4 180-59694/47			02:27																				
ZZZZZZ			02:32																				
ZZZZZZ			02:36																				
ZZZZZZ			02:40																				
ZZZZZZ			02:45																				
ZZZZZZ			02:49																				
ZZZZZZ			02:53																				
ZZZZZZ			02:58																				
ZZZZZZ			03:02																				
ZZZZZZ			03:06																				
ZZZZZZ			03:11																				
CCV 180-59694/58	1		03:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB5 180-59694/59	1		03:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			03:33																				
ZZZZZZ			03:37																				
MB 180-59308/1-A	1	R	03:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-59308/2-A	1	R	03:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSD 180-59308/3-A	1	R	03:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			03:58																				
ZZZZZZ			04:03																				
240-18735-3	1	R	04:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18735-4	1	R	04:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-59694/69	1		04:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59694/70	1		04:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB6 180-59694/71	1		04:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			04:47																				
ZZZZZZ			04:51																				
ZZZZZZ			04:55																				
ZZZZZZ			05:00																				
ZZZZZZ			05:04																				
ZZZZZZ			05:08																				
ZZZZZZ			05:13																				
ZZZZZZ			05:17																				
ZZZZZZ			05:21																				
ZZZZZZ			05:26																				
CCV 180-59694/82			05:33																				
CCB7 180-59694/83			05:40																				
ZZZZZZ			05:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

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			05:49																				
ZZZZZZ			05:53																				
ZZZZZZ			05:58																				
ZZZZZZ			06:02																				
ZZZZZZ			06:06																				
ZZZZZZ			06:11																				
ZZZZZZ			06:15																				
ZZZZZZ			06:19																				
ZZZZZZ			06:24																				
CCV 180-59694/94			06:31																				
CCB8 180-59694/95			06:38																				
ZZZZZZ			06:43																				
ZZZZZZ			06:47																				
ZZZZZZ			06:51																				
ZZZZZZ			06:56																				
ZZZZZZ			07:00																				
ZZZZZZ			07:08																				
ZZZZZZ			07:12																				
ZZZZZZ			07:17																				
ZZZZZZ			07:21																				
ZZZZZZ			07:25																				
ZZZZZZ			07:30																				
CCV 180-59694/107			07:37																				
CCB9 180-59694/108			07:44																				
ZZZZZZ			07:49																				
ZZZZZZ			07:53																				
ZZZZZZ			07:57																				
ZZZZZZ			08:02																				
ZZZZZZ			08:06																				
ZZZZZZ			08:10																				
ZZZZZZ			08:15																				
ZZZZZZ			08:19																				
ZZZZZZ			08:23																				
ZZZZZZ			08:28																				
CCV 180-59694/119			08:35																				
CCB10 180-59694/120			08:42																				
ZZZZZZ			08:47																				
ZZZZZZ			08:51																				
ZZZZZZ			08:59																				
ZZZZZZ			09:03																				
ZZZZZZ			09:08																				
ZZZZZZ			09:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

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			09:16																					
ZZZZZZ			09:21																					
ZZZZZZ			09:25																					
ZZZZZZ			09:29																					
CCV 180-59694/131			09:37																					
CCB11 180-59694/132			09:44																					
ZZZZZZ			09:48																					
ZZZZZZ			09:53																					
ZZZZZZ			09:57																					
ZZZZZZ			10:01																					
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:14																					
ZZZZZZ			10:19																					
ZZZZZZ			10:23																					
ZZZZZZ			10:27																					
CCV 180-59694/143			10:35																					
CCB12 180-59694/144			10:42																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ITUNE 180-59694/1			15:41																					
STD1 180-59694/2 IC	1		22:40	X	X																			
STD2 180-59694/3 IC	1		22:45	X	X																			
STD3 180-59694/4 IC	1		22:50	X	X																			
ICV 180-59694/5	1		22:54	X	X																			
ICB 180-59694/6	1		23:01	X	X																			
CRI 180-59694/7	1		23:06	X	X																			
ICSA 180-59694/8	1		23:10	X	X																			
ICSAB 180-59694/9	1		23:14	X	X																			
CCV 180-59694/10	1		23:21	X	X																			
CCB1 180-59694/11	1		23:29	X	X																			
ZZZZZZ			23:33																					
ZZZZZZ			23:37																					
ZZZZZZ			23:42																					
ZZZZZZ			23:46																					
ZZZZZZ			23:50																					
ZZZZZZ			23:55																					
ZZZZZZ			23:59																					
ZZZZZZ			00:03																					
ZZZZZZ			00:08																					
ZZZZZZ			00:12																					
CCV 180-59694/22			00:19																					
CCB2 180-59694/23			00:27																					
ZZZZZZ			00:31																					
ZZZZZZ			00:36																					
ZZZZZZ			00:40																					
ZZZZZZ			00:44																					
ZZZZZZ			00:49																					
ZZZZZZ			00:53																					
ZZZZZZ			00:57																					
ZZZZZZ			01:01																					
ZZZZZZ			01:06																					
ZZZZZZ			01:10																					
CCV 180-59694/34			01:17																					
CCB3 180-59694/35			01:25																					
ZZZZZZ			01:30																					
ZZZZZZ			01:34																					
ZZZZZZ			01:38																					
ZZZZZZ			01:43																					
ZZZZZZ			01:47																					
ZZZZZZ			01:51																					
ZZZZZZ			01:59																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			02:03																				
ZZZZZZ			02:08																				
ZZZZZZ			02:12																				
CCV 180-59694/46			02:19																				
CCB4 180-59694/47			02:27																				
ZZZZZZ			02:32																				
ZZZZZZ			02:36																				
ZZZZZZ			02:40																				
ZZZZZZ			02:45																				
ZZZZZZ			02:49																				
ZZZZZZ			02:53																				
ZZZZZZ			02:58																				
ZZZZZZ			03:02																				
ZZZZZZ			03:06																				
ZZZZZZ			03:11																				
CCV 180-59694/58	1		03:18	X	X																		
CCB5 180-59694/59	1		03:26	X	X																		
ZZZZZZ			03:33																				
ZZZZZZ			03:37																				
MB 180-59308/1-A	1	R	03:45	X	X																		
LCS 180-59308/2-A	1	R	03:50	X	X																		
LCSD 180-59308/3-A	1	R	03:54	X	X																		
ZZZZZZ			03:58																				
ZZZZZZ			04:03																				
240-18735-3	1	R	04:07	X	X																		
240-18735-4	1	R	04:11	X	X																		
CRI 180-59694/69	1		04:27	X	X																		
CCV 180-59694/70	1		04:35	X	X																		
CCB6 180-59694/71	1		04:43	X	X																		
ZZZZZZ			04:47																				
ZZZZZZ			04:51																				
ZZZZZZ			04:55																				
ZZZZZZ			05:00																				
ZZZZZZ			05:04																				
ZZZZZZ			05:08																				
ZZZZZZ			05:13																				
ZZZZZZ			05:17																				
ZZZZZZ			05:21																				
ZZZZZZ			05:26																				
CCV 180-59694/82			05:33																				
CCB7 180-59694/83			05:40																				
ZZZZZZ			05:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			05:49																				
ZZZZZZ			05:53																				
ZZZZZZ			05:58																				
ZZZZZZ			06:02																				
ZZZZZZ			06:06																				
ZZZZZZ			06:11																				
ZZZZZZ			06:15																				
ZZZZZZ			06:19																				
ZZZZZZ			06:24																				
CCV 180-59694/94			06:31																				
CCB8 180-59694/95			06:38																				
ZZZZZZ			06:43																				
ZZZZZZ			06:47																				
ZZZZZZ			06:51																				
ZZZZZZ			06:56																				
ZZZZZZ			07:00																				
ZZZZZZ			07:08																				
ZZZZZZ			07:12																				
ZZZZZZ			07:17																				
ZZZZZZ			07:21																				
ZZZZZZ			07:25																				
ZZZZZZ			07:30																				
CCV 180-59694/107			07:37																				
CCB9 180-59694/108			07:44																				
ZZZZZZ			07:49																				
ZZZZZZ			07:53																				
ZZZZZZ			07:57																				
ZZZZZZ			08:02																				
ZZZZZZ			08:06																				
ZZZZZZ			08:10																				
ZZZZZZ			08:15																				
ZZZZZZ			08:19																				
ZZZZZZ			08:23																				
ZZZZZZ			08:28																				
CCV 180-59694/119			08:35																				
CCB10 180-59694/120			08:42																				
ZZZZZZ			08:47																				
ZZZZZZ			08:51																				
ZZZZZZ			08:59																				
ZZZZZZ			09:03																				
ZZZZZZ			09:08																				
ZZZZZZ			09:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			09:16																					
ZZZZZZ			09:21																					
ZZZZZZ			09:25																					
ZZZZZZ			09:29																					
CCV 180-59694/131			09:37																					
CCB11 180-59694/132			09:44																					
ZZZZZZ			09:48																					
ZZZZZZ			09:53																					
ZZZZZZ			09:57																					
ZZZZZZ			10:01																					
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:14																					
ZZZZZZ			10:19																					
ZZZZZZ			10:23																					
ZZZZZZ			10:27																					
CCV 180-59694/143			10:35																					
CCB12 180-59694/144			10:42																					

Prep Types

R = Total Recoverable

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/28/2012 End Date: 12/29/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-59694/2 IC	22:40	100		100		100		100		100	
STD2 180-59694/3 IC	22:45	106		114		109		97		106	
STD3 180-59694/4 IC	22:50	110		115		114		111		114	
ICV 180-59694/5	22:54	107		111		116		102		106	
ICB 180-59694/6	23:01	100		114		104		103		104	
CRI 180-59694/7	23:06	100		106		99		98		100	
ICSA 180-59694/8	23:10	81		85		86		81		93	
ICSAB 180-59694/9	23:14	81		86		91		82		95	
CCV 180-59694/10	23:21	81		91		95		85		94	
CCB1 180-59694/11	23:29	86		93		96		95		98	
CCV 180-59694/58	03:18	92		96		92		82		83	
CCB5 180-59694/59	03:26	104		101		91		92		86	
MB 180-59308/1-A	03:45	107		108		95		96		89	
LCS 180-59308/2-A	03:50	94		85		80		76		77	
LCSD 180-59308/3-A	03:54	98		87		81		77		78	
240-18735-3	04:07	95		83		79		77		76	
240-18735-4	04:11	98		83		78		81		76	
CRI 180-59694/69	04:27	106		96		86		89		82	
CCV 180-59694/70	04:35	96		95		87		80		78	
CCB6 180-59694/71	04:43	112		107		91		91		83	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/28/2012 End Date: 12/29/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-59694/2 IC	22:40	100		100		100					
STD2 180-59694/3 IC	22:45	106		106		89					
STD3 180-59694/4 IC	22:50	112		111		107					
ICV 180-59694/5	22:54	107		107		92					
ICB 180-59694/6	23:01	104		103		103					
CRI 180-59694/7	23:06	99		99		99					
ICSA 180-59694/8	23:10	93		93		84					
ICSAB 180-59694/9	23:14	95		94		83					
CCV 180-59694/10	23:21	96		96		86					
CCB1 180-59694/11	23:29	99		100		101					
CCV 180-59694/58	03:18	82		82		76					
CCB5 180-59694/59	03:26	85		85		92					
MB 180-59308/1-A	03:45	87		87		93					
LCS 180-59308/2-A	03:50	81		81		74					
LCSD 180-59308/3-A	03:54	82		82		73					
240-18735-3	04:07	79		79		76					
240-18735-4	04:11	79		79		82					
CRI 180-59694/69	04:27	81		81		85					
CCV 180-59694/70	04:35	79		78		71					
CCB6 180-59694/71	04:43	81		81		88					

Sample Name: Blank Acquired: 1/3/2013 11:25:43 Type: Cal
Method: Standard Method + IEC Checks(v73) Mode: IR Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00104	.00233	.00039	.00095	.01997	-.00196	.00758
Stddev	.00008	.00025	.00034	.00007	.00067	.00028	.00064
%RSD	7.9109	10.703	86.926	7.4212	3.3379	14.318	8.4578

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0008	.00085	.00014	-.00061	.00078	.00127	.00545
Stddev	.0002	.00026	.00005	.00007	.00010	.00126	.00140
%RSD	27.29	30.855	37.076	12.135	12.878	99.614	25.766

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00005	.00017	-.00028	-.00073	.00274	-.00042	.0007
Stddev	.00011	.00004	.00019	.00192	.00031	.00039	.0001
%RSD	205.76	24.180	67.664	261.47	11.382	92.422	11.25

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00004	.00011	.00024	-.00075	.00001	.00077	.00123
Stddev	.00005	.00009	.00011	.00016	.00047	.00003	.00030
%RSD	111.78	81.099	45.795	20.731	4823.6	3.7980	24.527

Elem	Sr3464
IS Ref	(Y_3710)
Units	Cts/S
Avg	-.00033
Stddev	.00059
%RSD	182.01

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6609.8	4703.0	58060.	9880.3
Stddev	8.8	9.0	168.	24.9
%RSD	.13305	.19094	.28932	.25165

Sample Name: SCAL1 Acquired: 1/3/2013 11:29:42 Type: Cal
Method: Standard Method + IEC Checks(v73) Mode: IR Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	As1890	B_1826	Ba4554	Be3130	Cd2288	Co2286	Cr2677
IS Ref	(Y_3600)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.85794**	**.15384**	**7.4184**	**24.817**	**30.532**	**3.455**	**4.9909**	**1.6008**
Stddev	.00206	.00023	.0178	.325	.376	.018	.0314	.0004
%RSD	.24015	.14739	.23954	1.3083	1.2326	.5242	.63023	.02358

Elem	Cu3273	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2175	Se1960
IS Ref	(Y_3600)	(Y_3710)	(Y_3600)	(Y_2243)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.0653**	**12.499**	**8.5091**	**5.8043**	**2.9961**	**.48816**	**.2322**	**.14737**
Stddev	.0022	.025	.0504	.0417	.0184	.00177	.0010	.00035
%RSD	.20324	.20095	.59190	.71829	.61500	.36174	.4156	.23738

Elem	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Sr3464
IS Ref	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.3492**	**9.0413**	**.37909**	**.84408**	**6.0744**	**1.6992**
Stddev	.0271	.0901	.00264	.00183	.0355	.0025
%RSD	.80849	.99682	.69652	.21693	.58513	.14584

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6322.9**	**4617.3**	**57545.**	**9934.5**
Stddev	7.2	4.5	27.	38.0
%RSD	.11327	.09692	.04713	.38234

Sample Name: SCAL2 Acquired: 1/3/2013 11:33:58 Type: Cal
Method: Standard Method + IEC Checks(v73) Mode: IR Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Al3082	Ca3179	Fe2599	K_7664	Mg2790	Na5895	Si2516
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.4142**	**24.283**	**10.741**	**5.1731**	**2.1366**	**19.100**	**.72381**
Stddev	.0013	.189	.022	.0140	.0051	.022	.00099
%RSD	.09275	.77678	.20052	.27046	.24022	.11743	.13636

Int. Std.	Y_3710
Units	Cts/S
Avg	9698.4
Stddev	31.1
%RSD	.32091

Sample Name: ICV Acquired: 1/3/2013 11:37:54 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**776.60**	**12289.**	**378.89**	**1523.6**	**1544.9**	**1558.2**	**25845.**	**379.9**
Stddev	2.28	31.	.93	4.3	2.3	.6	58.	.3
%RSD	.29324	.25263	.24531	.28044	.14870	.03685	.22390	.0770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1503.4**	**1512.0**	**1523.1**	**12556.**	**24352.**	**1013.0**	**25115.**	**1554.4**
Stddev	1.5	1.1	2.0	2.	97.	1.0	47.	4.5
%RSD	.10095	.06976	.12842	.01798	.39750	.10347	.18883	.28719
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1507.8**	**25038.**	**1506.7**	**373.61**	**378.5**	**379.52**	**1514.7**	**1564.9**
Stddev	2.1	13.	1.3	1.64	1.3	1.71	2.6	3.3
%RSD	.13633	.04999	.08723	.43846	.3336	.44993	.17101	.21073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: ICV Acquired: 1/3/2013 11:37:54 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**761.87**	**1530.8**	**1522.2**	**3161.8**	**4471.0**
Stddev	1.90	1.2	1.7	21.6	11.3
%RSD	.24903	.08005	.10990	.68367	.25342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6234.0**	**4585.2**	**56531.**	**9846.0**
Stddev	3.1	4.1	98.	32.6
%RSD	.04947	.08912	.17411	.33071

Sample Name: ICB Acquired: 1/3/2013 11:41:34 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.27525**	**-3.2530**	**.11622**	**8.3372**	**.06227**	.12233	**2.2268**	**-.0132**
Stddev	.10944	13.681	1.2758	.6705	.10521	.04634	.7085	.0406
%RSD	39.759	420.58	1097.8	8.0429	168.97	37.881	31.816	307.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.10788**	**.06635**	**-.51846**	**1.1838**	**-23.208**	**1.3072**	**-1.1403**	**.06698**
Stddev	.07191	.16737	.30333	.7580	13.528	.4884	14.168	.01126
%RSD	66.656	252.27	58.505	64.030	58.288	37.360	1242.4	16.804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.56978**	**-1.1352**	**-.36485**	**-.70620**	**.1927**	**.97239**	**.75046**	**.49965**
Stddev	.09692	12.889	.51391	.92465	.4711	.37333	.22486	.09137
%RSD	17.010	1135.4	140.86	130.93	244.5	38.393	29.963	18.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: ICB Acquired: 1/3/2013 11:41:34 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.45998**	**-.04123**	**-.02643**	**-1.9221**	**.31556**
Stddev	1.0088	1.6529	.04276	1.4381	1.6812
%RSD	219.31	4008.7	161.77	74.817	532.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6564.6**	**4636.6**	**57716.**	**9816.4**
Stddev	10.9	3.1	141.	40.4
%RSD	.16531	.06775	.24425	.41193

Sample Name: CRI Acquired: 1/3/2013 11:45:35 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.8820**	**210.68**	**14.656**	**206.42**	**10.055**	**5.1106**	**5136.0**	**5.149**
Stddev	.1414	18.21	1.046	.21	.242	.0633	9.8	.158
%RSD	2.8959	8.6423	7.1373	.09977	2.4036	1.2380	.19080	3.072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.0465**	**5.1058**	**15.085**	**321.57**	**4802.4**	**51.901**	**5170.4**	**15.856**
Stddev	.1591	.1202	.092	1.92	16.6	.245	26.8	.077
%RSD	3.1525	2.3549	.61183	.59861	.34508	.47146	.51924	.48387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.298**	**4954.0**	**25.097**	**10.249**	**10.65**	**19.480**	**99.084**	**51.398**
Stddev	.124	17.8	.278	.451	.91	2.071	.357	.229
%RSD	1.1997	.35831	1.1059	4.4036	8.522	10.632	.36059	.44486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CRI Acquired: 1/3/2013 11:45:35 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**16.173**	**5.7612**	**39.871**	**530.44**	**55.826**
Stddev	.470	1.0164	.073	4.10	3.929
%RSD	2.9035	17.642	.18309	.77249	7.0383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6486.1**	**4637.1**	**57532.**	**9899.5**
Stddev	5.7	1.2	121.	13.8
%RSD	.08755	.02608	.21076	.13916

Sample Name: CRILL Acquired: 1/3/2013 11:49:26 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.9705**	**206.45**	**10.706**	**210.03**	**205.10**	**5.1618**	**5279.7**
Stddev	.5094	9.28	.375	.75	.16	.0350	3.6
%RSD	10.248	4.4951	3.5051	.35916	.07836	.67803	.06799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.121**	**7.1367**	**5.2907**	**26.055**	**107.67**	**4869.6**	**49.945**
Stddev	.175	.0331	.2835	.427	1.64	19.4	.728
%RSD	8.248	.46446	5.3591	1.6385	1.5196	.39935	1.4571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5261.3**	**16.078**	**10.568**	**5026.5**	**41.420**	**2.9577**	11.43
Stddev	43.6	.069	.219	10.6	.271	.3789	2.11
%RSD	.82866	.43172	2.0706	.21155	.65365	12.810	18.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CRILL Acquired: 1/3/2013 11:49:26 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **6.6631**	**101.47**	**52.520**	**10.495**	**8.2275**	**20.214**	**519.88**
Stddev	.5697	.57	.116	.777	1.0878	.109	4.89
%RSD	8.5501	.56179	.22140	7.3997	13.222	.54130	.94117
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.0000						
Range	30.500%						

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**51.720**
Stddev	3.084
%RSD	5.9636
Check ?	Chk Pass
Value	
Range	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6448.2**	**4595.2**	**57146.**	**9809.1**
Stddev	4.6	5.2	70.	20.8
%RSD	.07198	.11248	.12256	.21255

Sample Name: ICSA Acquired: 1/3/2013 11:53:19 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.27359**	**518430.**	**-1.8859**	**1.7761**	**.39495**	**-.86167**	**494310.**
Stddev	.00738	523.	1.7604	.1777	.16335	.04269	2251.
%RSD	2.6987	.10085	93.344	10.005	41.361	4.9539	.45531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Water mblk = 1.0 OK

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9750**	**-1.4971**	**3.1372**	**-1.7643**	**196170.**	**-61.767**	**-30.760**
Stddev	.0791	.2864	.2857	.5689	1758.	45.949	.626
%RSD	8.114	19.130	9.1081	32.246	.89636	74.391	2.0356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**523430.**	**1.1679**	**-1.7437**	**107.72**	**2.2993**	**-1.1081**	**.8947**
Stddev	624.	.0342	.1420	4.56	.1373	2.2747	2.467
%RSD	.11922	2.9294	8.1444	4.2355	5.9693	205.28	275.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ICSA Acquired: 1/3/2013 11:53:19 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.3334**	**2.7169**	**-.62834**	4.3497	**-1.2893**	**6.2860**	**-6.2079**
Stddev	2.0130	.6267	.09954	.8190	2.5437	.1211	3.5307
%RSD	86.270	23.065	15.843	18.829	197.29	1.9273	56.874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**12.240**
Stddev	5.938
%RSD	48.515
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5386.8**	**4167.9**	**50779.**	**9507.3**
Stddev	4.7	2.6	93.	11.7
%RSD	.08706	.06318	.18386	.12297

Sample Name: ICSAB Acquired: 1/3/2013 11:57:23 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1094.3**	**515020.**	**1022.0**	**514.86**	**498.38**	**499.05**	**483930.**
Stddev	2.2	903.	2.9	1.77	.29	.21	1049.
%RSD	.20322	.17534	.28793	.34338	.05902	.04116	.21676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1031.**	**494.20**	**482.11**	**537.37**	**195870.**	**10321.**	**521.25**
Stddev	2.	.41	.98	1.01	1036.	26.	.63
%RSD	.2121	.08365	.20317	.18833	.52875	.25079	.12073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**515320.**	**497.24**	**990.57**	**10686.**	**987.90**	**923.64**	**1026.**
Stddev	887.	.45	1.62	22.	.41	1.43	6.
%RSD	.17219	.09141	.16392	.20161	.04153	.15494	.5543
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: ICSAB Acquired: 1/3/2013 11:57:23 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**992.60**	**509.73**	**522.29**	**982.14**	**491.22**	**992.87**	**10084.**
Stddev	4.79	.78	.37	2.86	1.48	.89	38.
%RSD	.48221	.15397	.07126	.29080	.30229	.08980	.38096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**1475.5**
Stddev	3.8
%RSD	.25779
Check ?	Chk Pass
Value	
Range	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5335.5**	**4141.9**	**50640.**	**9445.6**
Stddev	3.3	3.0	102.	46.8
%RSD	.06209	.07351	.20108	.49529

Sample Name: CCV Acquired: 1/3/2013 12:01:19 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1007.8**	**25085.**	**520.90**	**5120.1**	**2019.0**	**2045.5**	**50969.**	**513.3**
Stddev	2.9	28.	1.71	.8	4.0	4.8	37.	1.2
%RSD	.29087	.11220	.32756	.01550	.19577	.23439	.07288	.2263
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2012.5**	**1994.0**	**2003.4**	**25502.**	**49469.**	**5125.2**	**50363.**	**2020.1**
Stddev	.7	4.4	6.7	34.	82.	8.6	61.	8.3
%RSD	.03233	.22259	.33317	.13269	.16561	.16851	.12096	.40900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2050.2**	**50186.**	**2010.9**	**503.18**	**509.7**	**507.69**	**5033.2**	**5126.3**
Stddev	4.2	72.	1.8	1.73	2.2	1.48	14.4	36.8
%RSD	.20705	.14333	.08976	.34315	.4274	.29166	.28522	.71847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 12:01:19 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1029.4**	**2020.9**	**2032.4**	**5372.9**	**4992.2**
Stddev	3.6	5.6	.2	58.3	4.2
%RSD	.34582	.27666	.01003	1.0847	.08405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6012.6**	**4465.2**	**55047.**	**9671.4**
Stddev	4.9	3.1	148.	34.8
%RSD	.08109	.07028	.26950	.35937

Sample Name: CCB Acquired: 1/3/2013 12:05:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.08308	2.6085	.68629	8.0207	.26958	.10140	15.144	-.0513
Stddev	.07940	15.306	.73484	.6731	.06678	.06544	1.579	.1149
%RSD	95.572	586.76	107.07	8.3914	24.774	64.536	10.425	223.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.07844	.11511	-.09348	6.0333	5.9785	3.5463	11.921	.04547
Stddev	.15189	.35535	.59827	.7948	3.0685	1.3258	11.563	.00366
%RSD	193.63	308.69	639.98	13.173	51.325	37.386	96.996	8.0476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.67909	20.773	.34280	.24739	1.310	1.7369	.65560	1.2064
Stddev	.07867	9.352	.33279	.17847	.663	.7478	.41935	.2258
%RSD	11.585	45.020	97.079	72.142	50.65	43.057	63.964	18.718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 12:05:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.00839**	**.99817**	**-.00309**	**.73869**	**1.5334**
Stddev	.85513	1.0936	.10100	**3.**8189	5.0831
%RSD	10188.	109.56	3269.6	516.99	331.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6570.1**	**4624.6**	**57375.**	**9799.7**
Stddev	18.0	12.1	105.	24.2
%RSD	.27391	.26094	.18279	.24708

Sample Name: IEC Check As Acquired: 1/3/2013 12:09:08 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.18947**	**9.8695**	**5095.4**	**4.3767**	**-.01590**	**-.00172**	**10.217**	**.7365**
Stddev	.34149	7.5751	10.4	.1706	.16628	.02220	1.538	.2005
%RSD	180.23	76.753	.20400	3.8976	1046.1	1291.2	15.051	27.23
Check ?	None	None	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.03690**	**-.05565**	**.06867**	**11.243**	**-2.4429**	**.36696**	**4.2479**	**.11503**
Stddev	.09695	.10879	.56154	1.004	38.900	1.4703	14.842	.01675
%RSD	262.75	195.49	817.72	8.9282	1592.4	400.68	349.39	14.564
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.03664**	**2.7161**	**-.37495**	**-.84204**	**1.820**	**-.34580**	**.48385**	**.12110**
Stddev	.14452	8.6929	.16571	1.1271	1.889	.41085	.24525	.06404
%RSD	394.43	320.05	44.194	133.85	103.8	118.81	50.687	52.885
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Sample Name: IEC Check As Acquired: 1/3/2013 12:09:08 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.52978**	**-.36028**	**.34890**	**-2.8637**	**.10928**
Stddev	.86813	.80667	.01615	2.5402	4.6672
%RSD	163.87	223.90	4.6281	88.706	4270.8
Check ?	None	None	None	None	None
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6811.0**	**4757.6**	**59159.**	**10191.**
Stddev	9.0	10.2	191.	14.
%RSD	.13244	.21490	.32201	.13451

Sample Name: IEC Check Ti Acquired: 1/3/2013 12:13:10 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.38609**	**19.987**	**-2.1031**	**3.8402**	**-.09319**	**-.00032**	**3.3555**	**.4265**
Stddev	.14647	5.295	1.3874	.0989	.07310	.05632	1.5056	.1188
%RSD	37.935	26.493	65.971	2.5761	78.437	17667.	44.869	27.85
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.12194**	**1.1339**	**-12.710**	**7.6455**	**-6.4883**	**-1.1580**	**-70.568**	**.19469**
Stddev	.52985	.1234	.703	.2352	15.253	1.3319	11.833	.03391
%RSD	434.50	10.882	5.5294	3.0763	235.09	115.02	16.769	17.418
Check ?	Chk Pass	None	None	None	None	None	None	None
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.05834**	**-2.8385**	**-1.9062**	**-.24753**	**.4278**	**1.2243**	**2.7433**	**29662.**
Stddev	.06440	3.0166	.1062	.62728	.6867	1.4228	.2328	222.
%RSD	110.40	106.27	5.5697	253.42	160.5	116.22	8.4868	.74883
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Sample Name: IEC Check Ti Acquired: 1/3/2013 12:13:10 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2.3956**	**-4.6979**	**.34999**	**6595.7**	**1.3164**
Stddev	.4724	2.1555	.03294	1411.2	2.9619
%RSD	19.718	45.881	9.4105	21.395	225.01
Check ?	Chk Pass	None	None	None	None
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6826.8**	**4804.9**	**59230.**	**10160.**
Stddev	4.9	9.5	106.	22.
%RSD	.07183	.19670	.17955	.21527

Sample Name: IEC Check Co Acquired: 1/3/2013 12:17:16 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.04147**	**8.8603**	**.54609**	**2.4744**	**-.00885**	**.03920**	**10.957**	**.0887**
Stddev	.19277	9.4519	.91815	.0597	.02826	.02259	.557	.0569
%RSD	464.87	106.68	168.13	2.4118	319.47	57.615	5.0866	64.23
Check ?	None	None	Chk Pass	None	None	None	None	None
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10143.**	**-.08507**	**-2.4273**	**6.0279**	**11.137**	**-.90235**	**-1.4319**	**.06540**
Stddev	**9.**	.22630	.1285	1.2438	8.879	.46969	12.690	.02234
%RSD	.08999	266.02	5.2941	20.634	79.732	52.052	886.25	34.153
Check ?	None	None	Chk Pass	None	None	None	None	None
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.05484**	**-14.200**	**-.15593**	**.22431**	**4.266**	**-.16084**	**-.07394**	**2.9677**
Stddev	.12153	10.965	.33037	1.2748	1.126	2.0034	.42384	.1276
%RSD	221.60	77.216	211.87	568.30	26.38	1245.6	573.23	4.2983
Check ?	None	None	Chk Pass	None	Chk Pass	None	None	None
Value								
Range								

Sample Name: IEC Check Co Acquired: 1/3/2013 12:17:16 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	-1.7897	-.57789	.94427	39.401	-1.7707
Stddev	.4932	2.1982	.10574	1.873	4.2645
%RSD	27.557	380.38	11.199	4.7534	240.84
Check ?	Chk Pass	None	None	None	None
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6787.0	4748.8	58957.	10191.
Stddev	5.3	8.4	99.	39.
%RSD	.07769	.17690	.16797	.38436

Sample Name: IEC Check Al Acquired: 1/3/2013 12:21:13 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.21611**	**508610.**	**-1.6583**	**.62766**	**.04888**	**.01317**	**2.8144**
Stddev	.26934	1051.	.9813	.33338	.15688	.02160	1.5130
%RSD	124.63	.20660	59.176	53.115	320.98	164.04	53.762
Check ?	None	None	Chk Pass	None	None	None	None
Value							
Range							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0518**	**-.15301**	**-.12274**	**-.02077**	**6.9122**	**12.162**	**-.56910**
Stddev	.1685	.10096	.13802	.41511	.6834	12.109	.85685
%RSD	325.4	65.979	112.45	1998.9	9.8870	99.565	150.56
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.10604**	**-.13296**	**-.82417**	**26.886**	**.25962**	**-.65870**	**3.588**
Stddev	3.0841	.02944	.06415	10.014	.17050	.99024	1.103
%RSD	2908.5	22.145	7.7837	37.247	65.674	150.33	30.76
Check ?	None	None	None	None	None	Chk Pass	Chk Pass
Value							
Range							

Sample Name: IEC Check Al Acquired: 1/3/2013 12:21:13 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.9586**	**1.0907**	**1.1219**	**2.3784**	**.05686**	**2.8555**	**12.290**
Stddev	2.6922	.3467	.1177	1.7834	.90563	.2055	.362
%RSD	137.46	31.788	10.487	74.984	1592.8	7.1974	2.9426
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**.52170**
Stddev	2.1125
%RSD	404.93
Check ?	None
Value	
Range	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6335.6	4741.3	55945.	10210.
Stddev	4.2	10.0	85.	25.
%RSD	.06663	.21171	.15245	.24303

Sample Name: IEC Check Fe Acquired: 1/3/2013 12:25:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.38632**	**20.198**	**-3.4933**	**.47041**	**.00282**	**.02646**	**-14.875**
Stddev	.43685	12.538	.8992	.26402	.10947	.06874	.622
%RSD	113.08	62.078	25.741	56.126	3878.6	259.85	4.1834
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3338**	**2.7979**	**3.1977**	**-1.8199**	**500260.**	**-171.47**	**-.94221**
Stddev	.1537	.3261	.2288	.2168	4810.	17.06	1.6736
%RSD	46.03	11.654	7.1534	11.911	.96152	9.9482	177.62
Check ?	Chk Pass	None	None	Chk Pass	None	None	None
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-60.072**	**6.8014**	**-1.9458**	**-12.107**	**.29619**	**-2.8203**	**1.870**
Stddev	15.990	.0340	.1591	8.016	.82357	.6484	2.075
%RSD	26.619	.49998	8.1782	66.205	278.06	22.990	110.9
Check ?	None	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: IEC Check Fe Acquired: 1/3/2013 12:25:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.22464**	**3.5391**	**2.1564**	**6.2507**	**-.33807**	**8.1487**	**-19.411**
Stddev	1.1076	.1934	.0789	1.1047	1.2178	.1101	2.455
%RSD	493.06	5.4658	3.6579	17.672	360.21	1.3509	12.646
Check ?	None	None	None	None	Chk Pass	None	None
Value							
Range							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**13.902**
Stddev	2.183
%RSD	15.705
Check ?	None
Value	
Range	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6506.2**	**4585.5**	**56943.**	**10014.**
Stddev	6.8	4.6	87.	31.
%RSD	.10523	.09933	.15229	.31060

Sample Name: IEC Check V Acquired: 1/3/2013 12:29:09 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.25252**	**-41.259**	**1.3903**	**.55344**	**.21390**	**-.38835**	**11.074**	**.1820**
Stddev	.37808	10.750	.6266	.19127	.06122	.01851	.936	.0780
%RSD	149.72	26.056	45.072	34.560	28.620	4.7668	8.4550	42.85
Check ?	None	Chk Pass	None	None	None	Chk Pass	None	None
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.02538**	**-.38943**	**-.54176**	**42.272**	**-29.737**	**-.73889**	**-4.4224**	**.14782**
Stddev	.07591	.23239	.31938	8.579	25.560	.64454	5.5563	.02618
%RSD	299.13	59.675	58.952	20.296	85.951	87.231	125.64	17.712
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.64620**	**-38.046**	**-.31875**	**-.57296**	**-1.972**	**-.80577**	**.17555**	**.76579**
Stddev	.20199	11.692	.36671	1.2208	.712	.66034	.25155	.06538
%RSD	31.259	30.730	115.05	213.06	36.12	81.951	143.29	8.5378
Check ?	None	None	None	None	Chk Pass	None	None	None
Value								
Range								

Sample Name: IEC Check V Acquired: 1/3/2013 12:29:09 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**4.7799**	**5184.9**	**.39119**	**7.2203**	**-.24002**
Stddev	.9358	18.5	.03981	1.6944	2.5665
%RSD	19.578	.35690	10.177	23.466	1069.3
Check ?	Chk Pass	None	None	None	None
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6781.0**	**4757.4**	**58853.**	**10156.**
Stddev	7.7	3.6	76.	30.
%RSD	.11419	.07627	.12850	.29664

Sample Name: CCV Acquired: 1/3/2013 12:33:08 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1006.4**	**24835.**	**516.31**	**5088.9**	**2005.8**	**2050.8**	**50700.**	**508.2**
Stddev	2.7	43.	3.28	6.5	6.4	3.7	123.	1.1
%RSD	.26811	.17258	.63543	.12762	.31946	.18121	.24320	.2230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2000.2**	**1991.4**	**2009.9**	**25471.**	**48888.**	**5125.5**	**50281.**	**2030.7**
Stddev	1.8	7.6	7.3	50.	235.	7.3	128.	10.1
%RSD	.09157	.38120	.36326	.19483	.48040	.14218	.25422	.49840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2051.1**	**50147.**	**1999.0**	**501.51**	**504.0**	**504.69**	**4955.5**	**5162.5**
Stddev	1.7	80.	1.4	.51	1.8	1.70	9.6	45.1
%RSD	.08068	.16025	.06940	.10074	.3606	.33751	.19335	.87420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 12:33:08 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ti1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1029.6**	**2014.4**	**2025.5**	**5363.9**	**5016.4**
Stddev	1.3	8.3	.9	89.6	17.2
%RSD	.12854	.41215	.04400	1.6709	.34286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6034.4**	**4465.7**	**54899.**	**9772.2**
Stddev	8.0	5.3	99.	47.6
%RSD	.13249	.11791	.18011	.48745

Sample Name: CCB Acquired: 1/3/2013 12:36:55 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.12629**	14.993	.09784	6.7923	.20753	.10360	3.8619	-.0242
Stddev	.10674	6.534	.86123	.3952	.03191	.04170	1.4534	.0538
%RSD	84.521	43.581	880.22	5.8175	15.377	40.247	37.634	222.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.20332	-.00597	-.18743	2.1525	-22.767	3.3002	-.18644	.04543
Stddev	.12393	.18863	.76887	.5549	11.433	1.0262	12.175	.01517
%RSD	60.954	3160.9	410.21	25.778	50.217	31.096	6530.4	33.393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.65263	-20.044	.15393	.03656	.9711	.29248	.72953	1.5178
Stddev	.18949	2.165	.28840	.10892	.5447	1.3597	.21186	.2397
%RSD	29.035	10.799	187.36	297.89	56.09	464.87	29.040	15.794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 12:36:55 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.36482**	**-.07784**	**.00184**	**11.708**	**4.6189**
Stddev	.29096	.69104	.03721	4.537	.3977
%RSD	79.755	887.76	2019.9	38.751	8.6096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6614.9**	**4638.6**	**57454.**	**9848.1**
Stddev	8.0	9.3	153.	26.5
%RSD	.12083	.20081	.26656	.26916

Sample Name: lb 240-69294/1-d Acquired: 1/3/2013 12:40:57 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.59252**	**-9.8791**	**2.4488**	**7.5420**	**1.7480**	**.04627**
Stddev	.05406	9.3742	1.3339	.5606	.0353	.03604
%RSD	9.1242	94.890	54.472	7.4334	2.0205	77.888
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**83.393**	**.0274**	**.00670**	**.94742**	**.70021**	**7.5602**
Stddev	1.135	.0545	.35723	.13955	.39483	1.2755
%RSD	1.3614	199.2	5331.2	14.730	56.388	16.871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**528.76**	**18.281**	**4.2289**	**.50696**	**.24674**	F **1242800.**
Stddev	85.20	3.698	3.0857	.02228	.06872	23779.
%RSD	16.114	20.230	72.966	4.3948	27.851	1.9134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						1000.0
Low Limit						-1000.0

Sample Name: lb 240-69294/1-d Acquired: 1/3/2013 12:40:57 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.3682**	**-.67514**	**.7564**	F **6.8911**	**1.7329**	**.66034**
Stddev	.0369	.95684	1.334	1.5779	.5349	.07765
%RSD	.57884	141.72	176.4	22.898	30.865	11.759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5.0000		
Low Limit				-1000.0		

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-1.5347**	**1.4910**	**4.6172**	**148.59**	**.83332**
Stddev	.8672	1.7431	.0904	4.28	.40081
%RSD	56.504	116.91	1.9587	2.8834	48.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5511.6**	**4202.5**	**49957.**	**9758.0**
Stddev	11.1	3.6	52.	5.4
%RSD	.20202	.08492	.10492	.05570

Sample Name: mb 240-69405/2-a Acquired: 1/3/2013 12:45:05 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.29169**	**2.9564**	**.29806**	**2.8502**	**.80964**	**-.02562**	**266.54**	**.0385**
Stddev	.47503	10.269	1.3881	.0111	.15138	.03361	.79	.0877
%RSD	162.85	347.35	465.72	.39012	18.697	131.20	.29582	228.1
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.02700**	**-.08454**	**.97125**	**11.004**	**65.035**	**6.4073**	**53.146**	**1.1230**
Stddev	.20381	.18153	.28103	1.202	23.795	1.6418	8.773	.0452
%RSD	754.95	214.72	28.935	10.919	36.589	25.624	16.507	4.0288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.17139**	**314.57**	**1.4802**	**-.69329**	**1.107**	**.97395**	**.07894**	**.44488**
Stddev	.11996	27.39	.0879	.82677	1.493	.92166	.14698	.10627
%RSD	69.993	8.7078	5.9359	119.25	134.8	94.632	186.18	23.887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
High Limit								
Low Limit								

Sample Name: mb 240-69405/2-a Acquired: 1/3/2013 12:45:05 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.69049**	**.98287**	**11.776**	**23.062**	**2.5939**
Stddev	1.1852	.80577	.048	3.643	1.1233
%RSD	171.65	81.982	.40768	15.795	43.304
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6652.5**	**4696.1**	**58397.**	**10085.**
Stddev	4.2	4.2	142.	18.
%RSD	.06349	.08882	.24270	.17539

Sample Name: lcs 240-69405/3-a Acquired: 1/3/2013 12:49:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.461**	**1931.9**	**2095.7**	**996.20**	**1951.9**	**48.052**
Stddev	.338	15.0	7.8	.97	2.8	.172
%RSD	.66970	.77483	.37151	.09731	.14570	.35830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **355.89**	**49.87**	**502.15**	**199.49**	**255.11**	**1006.7**
Stddev	3.58	.12	.49	.22	.78	3.2
%RSD	1.0068	.2387	.09762	.11235	.30568	.32208
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	50000.					
Range	-20.500%					

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **630.05**	**1057.3**	F **48.432**	**507.01**	**990.14**	F **1143700.**
Stddev	59.18	3.8	8.349	1.36	1.94	13381.
%RSD	9.3933	.35567	17.240	.26851	.19617	1.1699
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail
Value	50000.		50000.			50000.
Range	-20.500%		-20.500%			20.500%

Sample Name: lcs 240-69405/3-a Acquired: 1/3/2013 12:49:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**510.17**	**469.36**	**494.8**	**2072.3**	**1954.1**	**1019.3**
Stddev	.22	1.10	1.1	1.6	2.4	2.6
%RSD	.04407	.23362	.2168	.07921	.12360	.25529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1916.2**	**493.91**	**546.34**	F **1250.5**	**978.13**
Stddev	2.3	4.08	1.21	9.4	6.63
%RSD	.12114	.82599	.22176	.74958	.67798
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value				1000.0	
Range				20.500%	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5530.1**	**4235.8**	**50481.**	**9821.0**
Stddev	3.8	5.9	64.	25.1
%RSD	.06785	.13921	.12749	.25604

Sample Name: 240-18735-c-5-d Acquired: 1/3/2013 12:52:54 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.51503**	**116.74**	**4.4159**	**69.107**	**289.01**	**.10668**
Stddev	.24386	9.27	.5482	.524	.18	.03272
%RSD	47.349	7.9366	12.414	.75760	.06396	30.675
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**153870.**	**1.578**	**41.836**	**2.4208**	**2.2254**	**27.315**
Stddev	1331.	.125	.426	.1862	.4251	1.284
%RSD	.86474	7.925	1.0180	7.6933	19.105	4.7009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2770.9**	**14.211**	**20541.**	**6837.9**	**.00895**	F **1115300.**
Stddev	29.5	.941	46.	44.1	.11527	5423.
%RSD	1.0652	6.6210	.22464	.64427	1287.8	.48624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18735-c-5-d Acquired: 1/3/2013 12:52:54 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.042**	**8.9738**	**1.649**	**6.6364**	**3.4421**	**.91336**
Stddev	.409	.6837	1.156	1.5021	.6225	.11037
%RSD	.85071	7.6194	70.10	22.634	18.084	12.084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.47926**	**-1.2017**	**48.284**	**3778.3**	**319.19**
Stddev	1.1800	1.3143	.274	8.0	4.41
%RSD	246.22	109.37	.56849	.21269	1.3815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5341.6**	**4128.9**	**49523.**	**9717.5**
Stddev	3.1	2.1	101.	29.2
%RSD	.05781	.05031	.20449	.30042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	80.814%	87.793%	85.297%	98.352%
Range				

Sample Name: SD 240-18735-c-5-d@5 Acquired: 1/3/2013 12:57:12 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.52386**	**24.324**	**.75776**	**15.140**	**57.852**	**.01175**	**31774.**
Stddev	.21471	4.812	.44402	.240	.110	.02451	41.
%RSD	40.986	19.784	58.596	1.5849	.19031	208.62	.12789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3096**	**8.3386**	**.61154**	**.58994**	**6.4586**	**545.13**	**11.716**
Stddev	.0371	.4203	.10304	.85970	.7032	16.07	.655
%RSD	11.99	5.0409	16.849	145.73	10.887	2.9489	5.5920
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4221.6**	**1403.2**	**.09147**	**263850.**	**9.9947**	**.94269**	**2.511**
Stddev	26.9	3.1	.08253	1893.	.0084	.23183	.957
%RSD	.63640	.22024	90.223	.71744	.08447	24.592	38.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: SD 240-18735-c-5-d@5 Acquired: 1/3/2013 12:57:12 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.82511**	**.44686**	**.25575**	**.57459**	**1.8753**	**9.4065**	**763.82**
Stddev	1.1350	.62325	.04095	1.2183	.9286	.0987	7.03
%RSD	137.56	139.47	16.012	212.03	49.520	1.0493	.92072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**65.757**
Stddev	1.792
%RSD	2.7256
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5980.3**	**4411.8**	**53810.**	**9755.0**
Stddev	11.1	7.7	38.	40.8
%RSD	.18525	.17432	.07126	.41876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.476%	93.809%	92.681%	98.732%
Range				

Dilute

Sample Name: 240-18735-c-5-e ms Acquired: 1/3/2013 13:01:17 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1091.6**	**2134.8**	F **5441.8**	**1112.5**	F **48452.**	**50.406**
Stddev	9.3	3.7	95.5	18.7	264.	.180
%RSD	.85321	.17527	1.7548	1.6805	.54587	.35785
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass
High Limit			5000.0		25000.	
Low Limit			-500000.		-500000.	

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**151310.**	**1060.**	**559.47**	**5076.5**	**270.29**	**1050.0**
Stddev	1495.	20.	10.44	38.4	.78	6.4
%RSD	.98767	1.850	1.8662	.75557	.28977	.60742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2683.7**	**17.733**	**19988.**	**7144.6**	**1055.3**	F **1085300.**
Stddev	67.8	1.077	86.	44.3	19.2	8098.
%RSD	2.5248	6.0754	.42811	.62001	1.8172	.74616
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18735-c-5-e ms Acquired: 1/3/2013 13:01:17 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**571.58**	**4949.6**	**522.2**	**1105.2**	**2074.1**	**.68300**
Stddev	10.02	79.1	9.2	17.0	42.8	.19593
%RSD	1.7536	1.5980	1.763	1.5340	2.0624	28.687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2012.3**	**513.64**	**582.97**	**3820.7**	**306.97**
Stddev	35.9	4.53	10.79	18.0	3.13
%RSD	1.7827	.88110	1.8512	.47043	1.0196
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5305.4**	**4098.0**	**49772.**	**9801.9**
Stddev	68.6	50.0	252.	54.4
%RSD	1.2924	1.2190	.50682	.55462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	80.265%	87.135%	85.725%	99.206%
Range				

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Sample Name: 240-18735-c-5-f msd Acquired: 1/3/2013 13:05:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1082.0**	**2116.5**	F **5431.9**	**1109.8**	F **47812.**	**49.927**
Stddev	6.6	25.6	70.3	14.0	474.	.157
%RSD	.60765	1.2099	1.2950	1.2658	.99090	.31455
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass
High Limit			5000.0		25000.	
Low Limit			-500000.		-500000.	

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**150570.**	**1059.**	**558.24**	**5032.9**	**267.74**	**1039.3**
Stddev	1038.	15.	7.96	26.8	1.96	5.8
%RSD	.68907	1.446	1.4262	.53298	.73096	.55838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2807.2**	**19.630**	**19920.**	**7147.6**	**1051.5**	F **1050100.**
Stddev	28.8	1.822	60.	25.9	15.5	12594.
%RSD	1.0277	9.2828	.30277	.36219	1.4715	1.1993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18735-c-5-f msd Acquired: 1/3/2013 13:05:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**570.58**	**4945.2**	**522.0**	**1099.9**	**2076.3**	**.51966**
Stddev	8.72	54.4	8.8	13.8	35.6	.14944
%RSD	1.5281	1.0996	1.688	1.2568	1.7147	28.757
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2008.6**	**504.63**	**582.34**	**3785.7**	**306.75**
Stddev	23.0	2.04	7.95	28.6	3.62
%RSD	1.1454	.40433	1.3650	.75552	1.1799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5278.7**	**4081.5**	**49966.**	**9819.4**
Stddev	46.2	35.0	141.	27.0
%RSD	.87512	.85748	.28131	.27446
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	79.862%	86.786%	86.059%	99.383%
Range				

Sample Name: 240-18735-C-5-E MS@5 Acquired: 1/3/2013 13:11:07 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**203.27**	**433.00**	**1038.5**	**221.40**	**9974.1**	**10.296**	**31344.**
Stddev	.35	11.38	4.7	.97	138.9	.040	296.
%RSD	.17376	2.6281	.45243	.43907	1.3928	.38664	.94558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**205.6**	**109.35**	**1007.6**	**52.823**	**216.63**	**537.37**	**7.6853**
Stddev	.7	.39	3.0	.239	1.78	25.65	1.3548
%RSD	.3352	.36076	.29974	.45178	.82271	4.7731	17.628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4168.8**	**1461.2**	**211.45**	**263410.**	**112.88**	**1010.0**	**102.0**
Stddev	55.4	4.5	.63	3353.	.58	6.2	1.8
%RSD	1.3301	.31041	.29912	1.2730	.51208	.61823	1.765
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-18735-C-5-E MS@5 Acquired: 1/3/2013 13:11:07 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**206.42**	**406.51**	**.42235**	**410.09**	**104.42**	**114.61**	**772.27**
Stddev	1.48	1.69	.14361	1.64	1.03	.48	5.02
%RSD	.71645	.41500	34.002	.40102	.98795	.42119	.65055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**64.471**
Stddev	1.912
%RSD	2.9650
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5991.7**	**4421.7**	**54265.**	**9680.4**
Stddev	22.7	14.1	165.	88.9
%RSD	.37946	.31798	.30409	.91791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.648%	94.018%	93.464%	97.976%
Range				

Sample Name: 240-18735-C-5-FMSD@5 Acquired: 1/3/2013 13:15:06 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**204.35**	**438.10**	**1035.7**	**219.97**	**9926.4**	**10.173**	**31120.**
Stddev	1.18	19.41	2.3	.43	76.8	.078	36.
%RSD	.57583	4.4305	.22688	.19568	.77347	.76367	.11518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**205.0**	**109.29**	**1012.8**	**52.476**	**214.91**	**508.40**	**4.4602**
Stddev	.1	.24	1.5	.557	.16	18.25	.4073
%RSD	.0371	.21736	.14778	1.0610	.07471	3.5889	9.1330
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4160.6**	**1478.0**	**211.63**	**261560.**	**112.51**	**1007.8**	**102.3**
Stddev	11.1	1.8	.40	1720.	.23	1.8	2.4
%RSD	.26782	.12235	.18744	.65745	.20546	.17615	2.311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-18735-C-5-FMSD@5 Acquired: 1/3/2013 13:15:06 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**206.42**	**405.29**	**.31089**	408.21	**102.00**	**114.38**	**762.26**
Stddev	1.05	1.36	.14547	1.74	2.66	.03	6.86
%RSD	.51087	.33664	46.790	.42653	2.6108	.02892	.90022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**65.163**
Stddev	1.147
%RSD	1.7594
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5994.0**	**4424.2**	**53961.**	**9732.4**
Stddev	2.4	4.6	41.	23.7
%RSD	.03986	.10371	.07641	.24399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.683%	94.071%	92.941%	98.503%
Range				

Sample Name: PDS 240-18735-c-5-d Acquired: 1/3/2013 13:32:56 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**111.20**	**5181.4**	**329.16**	**3131.0**	**340.02**	**25.800**
Stddev	.77	4.3	1.15	6.6	.65	.076
%RSD	.69475	.08351	.34876	.21121	.19077	.29585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**164200.**	**369.9**	**198.76**	**209.24**	**493.83**	**4622.3**
Stddev	1632.	.4	.18	.51	1.33	5.6
%RSD	.99403	.1202	.09080	.24457	.26835	.12074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7992.5**	**.76942**	**23341.**	**6831.3**	**104.99**	F **1175000.**
Stddev	79.2	.88222	71.	9.0	.29	15605.
%RSD	.99069	114.66	.30377	.13190	.27242	1.3281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: PDS 240-18735-c-5-d Acquired: 1/3/2013 13:32:56 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**310.25**	**150.99**	**155.1**	**437.85**	**311.51**	**542.74**
Stddev	.83	.63	1.2	2.57	.28	.62
%RSD	.26652	.41877	.7788	.58731	.09068	.11481
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**453.89**	**51.468**	**584.57**	**3826.5**	**314.21**
Stddev	1.47	1.492	.78	31.8	.47
%RSD	.32328	2.8985	.13407	.83008	.14997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5288.6**	**4121.6**	**48949.**	**9682.4**
Stddev	5.2	2.0	155.	31.2
%RSD	.09764	.04811	.31765	.32207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	80.011%	87.637%	84.309%	97.997%
Range				

Sample Name: CCV Acquired: 1/3/2013 13:37:05 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1020.9**	**25045.**	**520.07**	**5144.2**	**2016.1**	**2081.4**	**51108.**	**512.9**
Stddev	.8	71.	1.52	12.7	4.7	6.2	108.	.8
%RSD	.08147	.28301	.29311	.24595	.23342	.29621	.21202	.1547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2011.7**	**2016.1**	**2038.5**	**25764.**	**48920.**	**5178.4**	**51068.**	**2063.6**
Stddev	2.5	.4	2.2	81.	151.	10.4	156.	1.9
%RSD	.12588	.01815	.10999	.31286	.30814	.20142	.30543	.09002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2065.8**	**49247.**	**2009.7**	**502.96**	**509.9**	**510.33**	**5005.4**	**5258.7**
Stddev	2.1	217.	3.0	.48	1.3	1.53	13.3	11.1
%RSD	.10078	.44026	.14706	.09533	.2529	.29928	.26656	.21176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 13:37:05 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1033.1**	**2021.6**	**2035.9**	**5417.9**	**5076.0**
Stddev	1.9	7.6	1.7	98.5	17.1
%RSD	.18387	.37492	.08508	1.8178	.33635
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6049.2**	**4478.2**	**54762.**	**9742.4**
Stddev	9.0	1.4	85.	25.3
%RSD	.14864	.03042	.15448	.25973

Sample Name: CCB Acquired: 1/3/2013 13:40:51 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.45404**	**9.0675**	**-.07030**	**8.4775**	**.22975**	**.07869**	**5.2425**	**-.0422**
Stddev	.15794	3.1719	.91414	.8987	.11586	.03975	.9050	.0850
%RSD	34.785	34.982	1300.4	10.601	50.427	50.512	17.263	201.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.06123**	**.09374**	**-.20272**	**1.7363**	**54.161**	**3.0494**	**-5.1237**	**.14155**
Stddev	.27039	.16087	.45805	1.0386	1.021	.4893	2.0714	.04474
%RSD	441.60	171.61	225.95	59.814	1.8850	16.045	40.428	31.609
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.78128**	**185.92**	**-.24147**	**.11420**	**1.676**	**-.28103**	**.11856**	**1.4014**
Stddev	.18441	5.92	.14686	.89037	1.632	1.8926	.17442	.0173
%RSD	23.603	3.1865	60.820	779.67	97.41	673.44	147.12	1.2335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 13:40:51 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.33213**	**.13505**	**.03314**	**3.0468**	**1.9585**
Stddev	.22195	.63442	.09245	4.2325	3.9990
%RSD	66.826	469.76	278.96	138.91	204.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6600.6**	**4622.2**	**57209.**	**9810.1**
Stddev	12.7	12.6	172.	3.7
%RSD	.19260	.27158	.30019	.03761

Sample Name: 240-18735-f-6-d Acquired: 1/3/2013 13:44:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.88763**	**455.50**	**2.2076**	**172.46**	**58.788**	**.06997**
Stddev	.12943	8.84	2.0413	.57	.092	.04412
%RSD	14.581	1.9408	92.468	.33213	.15670	63.055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14119.**	**.1475**	**1.7117**	**3.0506**	**3.9486**	**1215.2**
Stddev	16.	.0633	.2874	.2158	.5238	2.6
%RSD	.11649	42.90	16.792	7.0747	13.266	.21799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1581.0**	**12.000**	**5724.3**	**159.39**	**6.1367**	**F 986840.**
Stddev	41.9	1.212	15.3	.83	.2564	3749.
%RSD	2.6478	10.104	.26805	.52351	4.1787	.37989
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18735-f-6-d Acquired: 1/3/2013 13:44:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23.311**	**3.6820**	**103.4**	**-.09329**	**1.1889**	**8.7344**
Stddev	.398	.9434	.7	1.3794	.4720	.2425
%RSD	1.7076	25.622	.6766	1478.6	39.704	2.7764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.40244**	**.86934**	**469.69**	**5105.7**	**64.836**
Stddev	.97463	.43034	.98	18.8	2.962
%RSD	242.18	49.501	.20931	.36796	4.5681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5535.2**	**4218.7**	**50334.**	**9843.9**
Stddev	10.4	6.1	16.	120.6
%RSD	.18832	.14445	.03164	1.2256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.742%	89.702%	86.693%	99.632%
Range				

Sample Name: Pb 10 ppm Acquired: 1/3/2013 13:48:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.70270**	**-5.8183**	**-.30149**	**3.5064**	**-.00154**	**.00505**	**120.43**	**.0946**
Stddev	.16967	6.1708	.08933	.3662	.10795	.02304	2.08	.0271
%RSD	24.145	106.06	29.628	10.443	7027.7	456.03	1.7268	28.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.03669**	**-.00634**	**.06156**	**.26457**	**72.893**	**3.1064**	**1.6499**	**.12738**
Stddev	.20604	.23118	.06282	1.6119	15.469	.9839	5.3207	.03427
%RSD	561.49	3648.7	102.05	609.26	21.221	31.675	322.48	26.907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.27651**	**497.43**	**.63730**	**10841.**	**-3.209**	**.41363**	**.09528**	**.19695**
Stddev	.21445	48.24	.14841	19.	.871	2.3937	.32585	.09842
%RSD	77.553	9.6983	23.287	.17621	27.14	578.72	341.98	49.972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: Pb 10 ppm Acquired: 1/3/2013 13:48:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.61237**	**.52429**	**2.3083**	**7.0612**	**-3.5222**
Stddev	.71163	1.0461	.0381	3.6076	4.0919
%RSD	116.21	199.54	1.6485	51.091	116.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6566.7**	**4631.3**	**57299.**	**9748.3**
Stddev	6.1	4.5	240.	24.9
%RSD	.09341	.09695	.41905	.25558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	99.348%	98.474%	98.690%	98.664%
Range				

Sample Name: Se 4 ppm Acquired: 1/3/2013 13:52:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.25971**	**11.046**	**4234.6**	**2.4686**	**8.0060**	**.24256**	**5.9129**	**F 4285.**
Stddev	.15094	13.537	4.9	.2214	.1677	.07362	1.2543	4.
%RSD	58.116	122.56	.11457	8.9704	2.0947	30.351	21.213	.1045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit								2000.
Low Limit								-500000.

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.5012**	**.53180**	**1.1754**	**1.6603**	**6.4936**	**-.62784**	**-7.7016**	**2.3401**
Stddev	.1859	.02032	.1798	1.5658	14.337	.27134	5.7346	.0256
%RSD	12.385	3.8211	15.299	94.305	220.79	43.218	74.459	1.0936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.8746**	**391.37**	**3.5776**	**4458.6**	**.7116**	**4439.8**	**.33246**	**1.1749**
Stddev	.0971	10.54	.3243	6.5	.6287	8.9	.47811	.0825
%RSD	5.1799	2.6940	9.0656	.14663	88.35	.19942	143.81	7.0202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: Se 4 ppm Acquired: 1/3/2013 13:52:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**8385.3**	**3.5012**	**3.1744**	**-2.8834**	**-1.3930**
Stddev	6.6	2.4727	.0667	3.4114	4.9835
%RSD	.07858	70.624	2.1001	118.31	357.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6815.4**	**4752.5**	**58999.**	**10201.**
Stddev	4.2	5.9	46.	24.
%RSD	.06125	.12473	.07871	.23816
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	103.11%	101.05%	101.62%	103.24%
Range				

Sample Name: Ba 25 ppm Acquired: 1/3/2013 13:56:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.16221**	**15.664**	**1.0760**	**3.5541**	**24925.**	**-.01293**	**17.183**	**-.4667**
Stddev	.34119	8.539	.4259	.1344	293.	.00892	.910	.0763
%RSD	210.34	**54.515**	39.578	3.7823	1.1739	68.980	5.2975	16.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.0739**	**-.01021**	**1.0678**	**3.4342**	**27.479**	**1.7564**	**1.3786**	**.18239**
Stddev	.0418	.01835	.2276	1.0393	17.517	1.2738	9.3458	.04634
%RSD	2.0163	179.80	21.310	**30.264**	63.747	**72.527**	677.90	25.405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.01473**	**174.49**	**-.14474**	**.31601**	**-.7532**	**1.8233**	**.19127**	**-.04008**
Stddev	.08345	9.44	.11870	1.1176	1.231	1.6448	.23947	.10751
%RSD	566.48	5.4115	82.009	**353.66**	163.5	90.211	125.20	268.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: Ba 25 ppm Acquired: 1/3/2013 13:56:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	-.16616	-.21554	3.3637	15.014	4.4440
Stddev	.76113	1.9516	.0420	1.533	2.9686
%RSD	458.08	905.44	1.2475	10.213	66.799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6545.0	4593.4	57441.	9849.0
Stddev	4.7	1.6	182.	68.2
%RSD	.07140	.03487	.31674	.69290
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	99.019%	97.669%	98.934%	99.683%
Range				

Sample Name: Se 4 ppm Acquired: 1/3/2013 14:05:41 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.36234**	**3.9546**	**-.85020**	**1.0213**	**.47996**	**.06576**	**55.232**	**.0489**
Stddev	.27248	16.186	.81302	.1565	.15721	.03646	.480	.0825
%RSD	75.200	409.30	95.627	15.323	32.754	55.445	.86857	168.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.06516**	**.18250**	**.12406**	**1.5642**	**.09299**	**1.5861**	**-8.8297**	**.13380**
Stddev	.12844	.04091	.34915	1.5018	8.7854	.8921	20.942	.00388
%RSD	197.10	22.415	281.43	96.010	9448.0	56.245	237.17	2.8971
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.05387**	**118.83**	**.70188**	**.07186**	**.3580**	**4018.6**	**.52595**	**.48834**
Stddev	.13104	6.84	.11366	.75842	1.191	3.8	.41855	.12945
%RSD	243.27	5.7588	16.194	1055.4	332.7	.09401	79.580	26.508
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: Se 4 ppm Acquired: 1/3/2013 14:05:41 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.17052**	**.43417**	**1.1408**	**6.0027**	**-.75060**
Stddev	.38144	1.3512	.0915	4.3610	3.5584
%RSD	223.70	311.21	8.0208	72.652	474.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6480.9**	**4566.5**	**56574.**	**9702.1**
Stddev	19.9	11.6	188.	38.4
%RSD	.30654	.25316	.33282	.39576
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	98.049%	97.097%	97.441%	98.196%
Range				

Sample Name: CCV Acquired: 1/3/2013 14:09:38 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1010.6**	**24939.**	**521.30**	**5117.8**	**2001.0**	**2067.9**	**50947.**	**511.9**
Stddev	2.1	46.	1.21	10.6	1.7	2.7	62.	.3
%RSD	.20437	.18455	.23222	.20619	.08428	.13199	.12186	.0499
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2007.9**	**2006.1**	**2025.8**	**25654.**	**48895.**	**5151.5**	**50903.**	**2046.2**
Stddev	2.9	3.1	2.0	53.	45.	9.9	48.	3.0
%RSD	.14300	.15241	.09835	.20492	.09144	.19238	.09435	.14649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2070.3**	**50016.**	**2006.0**	**504.02**	**507.7**	**508.08**	**4960.7**	**5212.2**
Stddev	3.4	108.	3.2	1.67	1.8	.27	6.9	20.1
%RSD	.16305	.21616	.16019	.33207	.3513	.05361	.13946	.38475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 14:09:38 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1033.1**	**2016.2**	**2033.2**	**5366.9**	**5057.6**
Stddev	3.0	.9	4.1	77.7	22.9
%RSD	.29096	.04431	.20179	1.4480	.45192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6017.6**	**4440.6**	**54568.**	**9687.0**
Stddev	7.8	5.1	151.	15.1
%RSD	.12966	.11488	.27648	.15585

Sample Name: CCB Acquired: 1/3/2013 14:13:25 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.29090**	**1.4486**	-1.3714	**6.5488**	**.07294**	**.09129**	**28.827**	**.0995**
Stddev	.60342	7.5895	1.1411	.3921	.13333	.01996	2.284	.1041
%RSD	207.43	523.93	83.209	5.9868	182.80	21.861	7.9231	104.6
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.02882**	**-.05499**	**.03693**	**3.5065**	**-4.5612**	**2.6936**	**-4.9295**	**.05364**
Stddev	.07319	.23574	.63457	.5310	13.687	.1598	6.7982	.02538
%RSD	253.94	428.72	1718.1	15.142	300.08	5.9309	137.91	47.323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.68259**	**74.258**	**-.10712**	**-.18129**	**1.063**	**.02630**	**.42008**	**1.4205**
Stddev	.21092	12.926	.19160	.34687	2.725	1.6743	.50717	.0340
%RSD	30.900	17.406	178.87	191.33	256.5	6366.0	120.73	2.3929
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 14:13:25 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.31187**	**2.1781**	**1.0013**	**1.1120**	**.99545**
Stddev	.50461	1.3589	.0701	2.7703	2.4546
%RSD	161.80	62.390	6.9955	249.13	246.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6543.4	4584.5	56401.	9683.4
Stddev	1.4	3.5	144.	42.9
%RSD	.02078	.07649	.25491	.44318

Sample Name: CRI Acquired: 1/3/2013 14:17:25 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.8113**	**193.68**	**15.254**	**201.67**	**9.7616**	**4.9834**	**5029.9**	**5.025**
Stddev	.1912	7.61	1.272	.21	.2949	.0152	4.8	.048
%RSD	3.9734	3.9283	8.3403	.10351	3.0215	.30433	.09631	.9483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.8392**	**5.0512**	**14.411**	**316.97**	**4671.4**	**51.687**	**5099.1**	**15.703**
Stddev	.0576	.2813	.687	1.82	9.7	1.511	20.6	.005
%RSD	1.1909	5.5687	4.7667	.57371	.20710	2.9230	.40369	.03403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.366**	**4896.1**	**24.469**	**10.061**	**11.08**	**19.277**	**95.641**	**51.235**
Stddev	.067	13.1	.208	1.238	.43	.223	.246	.117
%RSD	.64655	.26705	.85022	12.302	3.847	1.1576	.25707	.22847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CRI Acquired: 1/3/2013 14:17:25 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**14.562**	**8.8551**	**39.014**	**515.63**	**52.265**
Stddev	.973	.7823	.213	8.14	2.855
%RSD	6.6835	8.8350	.54646	1.5791	5.4617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6511.0**	**4607.8**	**57136.**	**9860.4**
Stddev	8.5	8.6	165.	15.9
%RSD	.13030	.18617	.28889	.16158

Sample Name: MDLV Acquired: 1/3/2013 14:21:18 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.6656**	**200.63**	**9.5870**	**54.637**	**5.1312**	**1.5754**	**1061.7**	**1.008**
Stddev	.3143	3.66	.2182	.308	.0548	.0321	1.7	.027
%RSD	6.7367	1.8232	2.2761	.56372	1.0680	2.0349	.16017	2.653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.1143**	**4.0618**	**12.945**	**106.23**	**857.43**	**1.1896**	**314.07**	**5.4419**
Stddev	.2238	.0109	.822	1.28	10.03	.6667	4.70	.0211
%RSD	5.4407	.26831	6.3520	1.2066	1.1703	56.048	1.4958	.38769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21.289**	**1044.8**	**4.9940**	**5.2452**	**21.56**	**9.5051**	**47.164**	**4.4349**
Stddev	.065	12.5	.2140	.9933	.42	2.6007	.792	.2280
%RSD	.30550	1.2008	4.2840	18.937	1.937	27.361	1.6795	5.1401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: MDLV Acquired: 1/3/2013 14:21:18 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**20.672**	**5.2758**	**20.881**	**5.9649**	**1.2527**
Stddev	.644	2.7042	.049	2.4785	2.3892
%RSD	3.1167	51.257	.23611	41.551	190.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6589.7**	**4635.1**	**57199.**	**9844.5**
Stddev	6.9	13.9	122.	20.4
%RSD	.10526	.29965	.21312	.20749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	99.696%	98.556%	98.517%	99.637%
Range				

ZZZZ per 1-4-13

Sample Name: ~~CCV~~ Acquired: 1/3/2013 14:25:13 Type: QC

Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000

User: Roger Method: 6010B/6010C Method: 200.7 :

Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1006.6**	**25005.**	**518.40**	**5112.1**	**1997.4**	**2064.6**	**50873.**	**510.8**
Stddev	4.5	49.	1.91	10.9	4.7	1.1	32.	1.2
%RSD	.44471	.19755	.36828	.21336	.23372	.05262	.06225	.2344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2006.2**	**1999.2**	**2016.7**	**25610.**	**48931.**	**5146.4**	**50725.**	**2033.7**
Stddev	.6	8.1	9.8	18.	72.	6.9	98.	11.9
%RSD	.02761	.40690	.48564	.07050	.14680	.13313	.19265	.58638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2074.5**	**50052.**	**2003.6**	**503.09**	**504.9**	**503.69**	**4930.4**	**5199.3**
Stddev	1.5	111.	1.2	2.20	.6	1.79	5.3	35.7
%RSD	.07027	.22173	.06045	.43779	.1105	.35464	.10701	.68671
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

ICCV 1-4-13

Sample Name: ~~CCV~~ Acquired: 1/3/2013 14:25:13 Type: QC

Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000

User: Roger Method: 6010B/6010C Method: 200.7 :

Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1034.1**	**2018.0**	**2028.3**	**5312.2**	**5055.0**
Stddev	1.6	2.9	2.0	66.7	9.5
%RSD	.15435	.14546	.09924	1.2562	.18711
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6027.6**	**4441.0**	**54881.**	**9702.2**
Stddev	**3.**6	6.3	227.	49.7
%RSD	.06049	.14180	.41301	.51272

Sample Name: CCV Acquired: 1/3/2013 14:29:03 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1010.9**	**25048.**	**524.16**	**5135.2**	**2002.9**	**2072.0**	**51025.**	**512.9**
Stddev	1.2	10.	1.22	.6	2.6	6.3	95.	.1
%RSD	.11965	.04172	.23320	.01112	.13126	.30391	.18581	.0216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2012.8**	**2011.4**	**2029.6**	**25699.**	**49129.**	**5171.4**	**50843.**	**2029.0**
Stddev	1.8	5.5	2.5	60.	54.	7.5	64.	17.6
%RSD	.08881	.27193	.12552	.23342	.10927	.14496	.12571	.86755
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2085.0**	**50134.**	**2014.2**	**507.23**	**507.0**	**505.35**	**4945.3**	**5245.9**
Stddev	4.2	65.	1.7	2.47	2.6	.76	11.6	14.2
%RSD	.20030	.12985	.08261	.48724	.5200	.15037	.23518	.27084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 14:29:03 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1038.4**	**2027.5**	**2038.0**	**5340.6**	**5066.8**
Stddev	1.4	2.5	1.9	64.1	1.1
%RSD	.13533	.12131	.09259	1.1997	.02097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5994.4**	**4411.8**	**54579.**	**9699.9**
Stddev	.9	7.4	73.	7.3
%RSD	.01488	.16681	.13420	.07574

Sample Name: CCB Acquired: 1/3/2013 14:49:40 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.20015	-2.4707	-.59464	2.6964	.03811	.05289	2.1159	.0257
Stddev	.25581	8.7330	.57125	.1762	.08017	.05637	.4985	.0982
%RSD	127.81	353.46	96.066	6.5331	210.35	106.59	23.562	382.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.07723	.04520	-.37258	.64027	-6.3158	1.2302	-14.315	.03812
Stddev	.12127	.18551	.39618	.79150	33.013	.6251	7.780	.02556
%RSD	157.02	410.43	106.34	123.62	522.71	50.817	54.348	67.051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.29593	28.870	-.04545	-.95095	.9981	1.4767	.37477	1.4788
Stddev	.08727	8.005	.07888	.88512	1.434	1.2237	.26905	.0387
%RSD	29.490	27.730	173.55	93.078	143.7	82.865	71.791	2.6179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 14:49:40 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	-.21541	.66235	.19806	.85832	1.4890
Stddev	.47022	.21830	.00413	3.7104	3.1255
%RSD	218.29	32.958	2.0840	432.29	209.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6556.1	4604.8	56565.	9738.3
Stddev	2.0	5.3	225.	57.9
%RSD	.03127	.11568	.39754	.59505

Sample Name: ~~CCB~~ Acquired: 1/3/2013 14:53:41 Type: QC

Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000

User: Roger Method: 6010B/6010C Method: 200.7 :

Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.12887	-3.4983	-.13970	1.9166	-.00284	-.00937	18.855	.0325
Stddev	.12527	9.2307	1.1317	.1656	.17574	.05074	.469	.1266
%RSD	97.201	263.86	810.12	8.6423	6189.2	541.45	2.4878	389.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.09815	.13314	-.58411	.78492	-11.783	.64660	-3.0372	.04476
Stddev	.03311	.02585	.73529	1.3238	5.373	.12584	7.7153	.04152
%RSD	33.729	19.419	125.88	168.65	45.594	19.462	254.03	92.755
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.04686	25.432	.18162	.32728	1.845	.16302	-.00845	.33002
Stddev	.11710	9.123	.24181	.42121	.616	1.2410	.41066	.19220
%RSD	249.91	35.871	133.14	128.70	33.39	761.25	4860.3	58.237
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

22222 1-4-13

Sample Name: ~~CCB~~ Acquired: 1/3/2013 14:53:41 Type: QC

Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000

User: Roger Method: 6010B/6010C Method: 200.7 :

Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	.62793	.47640	.63950	2.0701	2.9757
Stddev	1.3299	1.8277	.04798	4.8150	3.9387
%RSD	211.79	383.64	7.5022	232.60	132.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6592.0	4614.5	57148.	9806.7
Stddev	10.4	9.6	88.	10.7
%RSD	.15717	.20855	.15443	.10904

Sample Name: 240-19180-A-8-B@2 Acquired: 1/3/2013 15:58:44 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.43662**	**1510.9**	**8.5078**	**127.28**	**21.456**	**-.03561**	**63188.**
Stddev	.33159	8.6	.7494	.11	.238	.02695	47.
%RSD	75.946	.57100	8.8090	.08661	1.1115	75.680	.07438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1361**	**.54309**	**11321.**	**56.481**	**2412.8**	**4227.7**	**-.11397**
Stddev	.0242	.04896	34.	.971	5.6	17.7	.39030
%RSD	17.80	9.0148	.29801	1.7195	.23269	.41824	342.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9794.1**	**65.892**	**1.1097**	**106020.**	**5.9443**	**.67909**	**1.079**
Stddev	23.5	.323	.0839	77.	.2608	.99764	.700
%RSD	.24011	.48951	7.5644	.07237	4.3879	146.91	64.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19180-A-8-B@2 Acquired: 1/3/2013 15:58:44 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.2705**	**2.6242**	**21.569**	**4.0142**	**2.2060**	**16.731**	**4971.0**
Stddev	1.2049	.2989	1.045	1.5092	1.5029	.040	180.9
%RSD	94.835	11.391	4.8436	37.597	68.129	.24194	3.6394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**123.16**
Stddev	4.30
%RSD	3.4913
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6138.7**	**4514.6**	**54907.**	**9784.6**
Stddev	6.4	4.7	178.	36.1
%RSD	.10371	.10448	.32452	.36936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	92.872%	95.995%	94.569%	99.031%
Range				

Sample Name: 240-19180-A-3-E Acquired: 1/3/2013 16:02:33 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.54148**	**-5.4688**	**12.600**	**61.394**	**296.14**	**-.12984**	77940.	**.1324**
Stddev	.11677	14.216	.787	.184	.32	.03217	123.	.1406
%RSD	21.565	259.95	6.2476	.29926	.10676	24.774	.15730	106.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.01636**	**.53905**	**-.81069**	**2.3847**	**1086.7**	**7.7801**	**13515.**	**44.894**
Stddev	.13682	.34528	.26103	.9608	18.7	.4054	48.	.095
%RSD	836.50	64.053	32.198	40.292	1.7168	5.2113	.35197	.21258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17.260**	**24540.**	**.88799**	**-1.0769**	**1.319**	**-.97284**	**-.08912**	**.14112**
Stddev	.305	20.	.17656	.5153	.864	.79566	.11602	.08269
%RSD	1.7649	.08086	19.883	47.852	65.48	81.787	130.19	58.595
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19180-A-3-E Acquired: 1/3/2013 16:02:33 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.81562**	**.87495**	**1.6571**	**8527.1**	**547.45**
Stddev	.39262	.60706	.0486	11.6	3.62
%RSD	48.138	69.382	2.9327	.13623	.66121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6360.9**	**4577.2**	**56102.**	**9938.6**
Stddev	3.8	3.2	145.	6.7
%RSD	.05943	.06978	.25871	.06729
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	96.234%	97.326%	96.628%	100.59%
Range				

Sample Name: 240-19180-A-5-C Acquired: 1/3/2013 16:06:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.48547**	**-7.6787**	**3.3380**	**392.63**	**54.656**	**-.20934**	**137210.**
Stddev	.18668	7.0960	1.7260	.07	.060	.04495	249.
%RSD	38.453	92.412	51.708	.01832	.10947	21.471	.18175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2170**	**-.02243**	**2530.2**	**.09339**	**2.2884**	**11775.**	**-10.520**
Stddev	.1096	.03604	4.1	.40288	1.0429	14.	1.155
%RSD	50.50	160.67	.16339	431.41	45.574	.11887	10.974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19852.**	**2.6391**	**4.3019**	**116700.**	**1.5544**	**-.08933**	**1.975**
Stddev	41.	.0268	.0641	1427.	.5322	.95623	.397
%RSD	.20651	1.0175	1.4905	1.2228	34.240	1070.4	20.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19180-A-5-C Acquired: 1/3/2013 16:06:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.2585**	**.03671**	**.02038**	**2.0932**	**-.79403**	**2.0890**	**7138.8**
Stddev	1.3987	.27866	.27297	.5063	1.0095	.0888	12.5
%RSD	22.348	759.13	1339.6	24.188	127.13	4.2497	.17463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**370.85**
Stddev	1.99
%RSD	.53621
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6120.8**	**4477.1**	**54664.**	**9870.0**
Stddev	11.3	3.8	170.	26.6
%RSD	.18448	.08415	.31026	.26931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	92.602%	95.196%	94.151%	99.896%
Range				

Sample Name: MB 240-69368/1-A Acquired: 1/3/2013 16:10:40 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.16557**	**-5.0066**	**.33853**	**.64333**	**-.09775**	**-.00164**	**104.61**	**-.0573**
Stddev	.04827	20.785	.40329	.20850	.27773	.08020	4.06	.2019
%RSD	29.155	415.15	119.13	32.410	284.14	4886.9	**3.8773**	352.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.07438**	**-.04747**	**-.72577**	**3.5400**	**-19.148**	**.13366**	**-11.857**	**.36865**
Stddev	.12210	.09811	.49282	.4314	40.390	1.1019	9.328	.00830
%RSD	164.16	206.68	67.902	12.187	210.94	824.39	78.675	2.2516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.01584**	**56.168**	**-.22364**	**-.34673**	**.9587**	**.17648**	**1.5021**	**-.03398**
Stddev	.11471	7.165	.02920	1.1195	1.868	.94144	.0912	.11389
%RSD	724.30	12.757	13.058	322.87	194.8	533.47	6.0730	335.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: MB 240-69368/1-A Acquired: 1/3/2013 16:10:40 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	.72599	1.4376	1.7062	8.6906	1.0987
Stddev	.73301	1.2602	.0288	4.8661	2.1887
%RSD	100.97	87.658	1.6887	55.993	199.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6634.0	4692.0	57821.	10006.
Stddev	2.1	4.6	172.	27.
%RSD	.03151	.09901	.29714	.27060

Sample Name: LCS 240-69368/2-A Acquired: 1/3/2013 16:14:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	105.72	10292.	1045.3	103.66	1030.9	1063.2	10496.	1044.
Stddev	.67	21.	1.4	.25	2.0	1.1	13.	1.
%RSD	.63417	.20125	.13046	.24412	.19204	.10674	.12221	.1058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1023.2	1044.1	1049.1	10426.	9740.3	-2.3069	10502.	1083.9
Stddev	.6	2.0	1.8	17.	31.7	.7000	5.	2.2
%RSD	.05864	.19572	.16903	.16761	.32506	30.343	.04939	.20490
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	104.65	10148.	1030.8	1045.6	103.9	1062.0	100.07	105.03
Stddev	.02	6.	1.3	.4	2.1	2.1	.40	.27
%RSD	.02198	.05804	.12685	.03490	2.067	.19728	.39934	.25385
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: LCS 240-69368/2-A Acquired: 1/3/2013 16:14:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	263.61	1038.2	1031.6	4.2644	1043.5
Stddev	.79	2.2	.3	.5407	5.0
%RSD	.30066	.21566	.03161	12.680	.48324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6498.2	4666.0	57143.	9960.1
Stddev	2.1	1.9	188.	42.2
%RSD	.03224	.04008	.32909	.42350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	98.312%	99.212%	98.420%	100.81%
Range				

Sample Name: 240-18893-A-1-A Acquired: 1/3/2013 16:18:19 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.13645**	**-1.5909**	**-.52486**	**92.955**	**10.331**	**-.00143**	**50927.**	**.0548**
Stddev	.49221	16.915	1.4120	.254	.099	.03912	65.	.0536
%RSD	360.72	1063.2	269.02	.27360	.95913	2733.7	.12834	97.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.23561**	**.60453**	**.34063**	**12.754**	**2587.1**	**1.0371**	**12667.**	**9.9682**
Stddev	.05984	.16890	.18721	1.324	30.2	1.0713	14.	.0691
%RSD	25.396	27.940	54.961	10.381	1.1666	103.30	.10902	.69343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.6324**	**29730.**	**.31611**	**.30655**	**1.366**	**.10601**	**-.01413**	**.24171**
Stddev	.2258	42.	.10291	.48228	.646	.61406	.46710	.08050
%RSD	6.2159	.14077	32.555	157.32	47.30	579.25	3306.8	33.304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18893-A-1-A Acquired: 1/3/2013 16:18:19 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.6579**	**.43980**	**.75486**	**3103.6**	**275.38**
Stddev	.3831	2.1842	.05867	9.3	1.33
%RSD	23.104	496.64	7.7721	.29972	.48458
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6425.8**	**4592.9**	**56838.**	**9919.7**
Stddev	7.1	5.0	52.	42.3
%RSD	.11022	.10940	.09084	.42640
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	97.216%	97.658%	97.895%	100.40%
Range				

Sample Name: SD 240-18893-a-1-a@5 Acquired: 1/3/2013 16:22:13 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.37046**	**.27151**	**.10405**	**17.324**	**2.0626**	**-.00760**	**10134.**	**.0154**
Stddev	.23780	12.383	.65259	.141	.0261	.02623	12.	.1408
%RSD	64.191	4560.6	627.16	.81494	1.2640	345.00	.12103	915.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.01294**	**.23162**	**-.52421**	**2.6064**	**502.21**	**.07123**	**2570.7**	**2.0665**
Stddev	.19146	.24889	.55726	1.5827	7.45	.91866	32.9	.0296
%RSD	1479.5	107.46	106.31	60.725	1.4838	1289.7	1.2797	1.4302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.86958**	**5847.7**	**.57214**	**-1.1297**	**2.158**	**1.3162**	**-.04538**	**.09744**
Stddev	.10464	9.5	.27174	.2506	1.048	1.7128	.05409	.02433
%RSD	12.034	.16298	47.494	22.185	48.56	130.13	119.18	24.964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SD 240-18893-a-1-a@5 Acquired: 1/3/2013 16:22:13 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.03050**	**.98216**	.77794	**622.04**	**52.651**
Stddev	.45629	1.6632	.07145	7.06	.880
%RSD	1495.9	169.34	9.1850	1.1344	1.6707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6584.3**	**4651.0**	**57375.**	**9870.9**
Stddev	6.3	9.3	67.	54.2
%RSD	.09630	.20087	.11630	.54868
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	99.614%	98.894%	98.820%	99.904%
Range				

Sample Name: mb 240-70811/1-a Acquired: 1/3/2013 16:26:13 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.14557**	**16.558**	**-.10832**	**-.46343**	**-.04475**	**-.04961**	**17.999**	**.1166**
Stddev	.28603	9.554	.11701	.24162	.36972	.03142	1.333	.1581
%RSD	196.49	57.702	108.02	52.138	826.25	63.335	7.4082	135.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.19083**	**.18677**	**.11686**	**3.0585**	**-21.667**	**-.34962**	**-3.3638**	**.65334**
Stddev	.23672	.17385	.61823	.1554	36.839	.92527	10.273	.01253
%RSD	124.05	93.086	529.02	5.0824	170.03	264.65	305.39	1.9184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.16196**	**26.081**	**.56808**	**.47910**	**.5507**	**.99556**	**-.22747**	**.03657**
Stddev	.12737	1.919	.23434	.97760	.5730	1.2307	.29189	.16763
%RSD	78.646	7.3588	41.252	204.05	104.0	123.62	128.32	458.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: mb 240-70811/1-a Acquired: 1/3/2013 16:26:13 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.34136**	**-.09356**	**.41265**	**19.738**	**.22156**
Stddev	.53093	1.0248	.03807	1.026	6.5952
%RSD	155.53	1095.4	9.2266	5.1970	2976.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6667.5**	**4707.7**	**58727.**	**10048.**
Stddev	11.8	7.0	161.	21.
%RSD	.17707	.14936	.27358	.21180

Sample Name: lcs 240-70811/2-a Acquired: 1/3/2013 16:30:12 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.934**	**2044.7**	**2081.3**	**1033.5**	**2063.5**	**51.043**	**52030.**	**52.41**
Stddev	.248	9.9	6.7	.7	1.6	.069	14.	.03
%RSD	.47676	.48293	.32100	.06485	.07845	.13463	.02762	.0555
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**512.87**	**206.23**	**261.18**	**1047.8**	**49973.**	**1026.9**	**51547.**	**529.92**
Stddev	.25	.51	.57	.5	46.	2.5	118.	2.21
%RSD	.04931	.24694	.21780	.04967	.09204	.24090	.22883	.41769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1061.8**	**51237.**	**516.66**	**509.65**	**516.3**	**2032.1**	**1995.1**	**1067.9**
Stddev	.9	77.	.88	.78	1.1	4.7	2.9	4.1
%RSD	.08700	.15064	.16979	.15383	.2076	.23066	.14414	.38686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: lcs 240-70811/2-a Acquired: 1/3/2013 16:30:12 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2069.0**	**522.85**	**509.57**	**1098.1**	**1014.7**
Stddev	.5	1.04	.41	14.3	6.6
%RSD	.02370	.19903	.07965	1.2997	.64782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6158.7**	**4491.4**	**55446.**	**9799.9**
Stddev	7.6	6.9	115.	35.9
%RSD	.12372	.15353	.20729	.36680

Sample Name: CCV Acquired: 1/3/2013 16:33:52 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1007.4**	**24996.**	**516.21**	**5084.8**	**2002.4**	**2059.9**	**51058.**	**509.9**
Stddev	.6	67.	1.03	5.6	1.2	2.8	27.	.3
%RSD	.05581	.26717	.19948	.10973	.05853	.13742	.05323	.0667
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2002.3**	**1999.1**	**2013.2**	**25589.**	**49088.**	**5129.5**	**50794.**	**2025.1**
Stddev	1.1	2.2	.2	5.	108.	4.6	94.	7.9
%RSD	.05590	.11022	.00919	.01792	.22057	.09028	.18437	.39046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2058.5**	**50151.**	**1998.8**	**500.41**	**503.9**	**502.24**	**4964.0**	**5174.3**
Stddev	3.3	84.	2.9	.61	2.8	2.81	11.0	30.0
%RSD	.16003	.16826	.14285	.12207	.5597	.56049	.22203	.58013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 16:33:52 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1030.2**	**2019.6**	**2026.1**	**5338.4**	**5044.0**
Stddev	3.2	.8	1.0	71.0	3.1
%RSD	.30990	.04177	.04998	1.3306	.06102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6084.2**	**4502.0**	**55184.**	**9663.7**
Stddev	7.0	4.8	78.	24.3
%RSD	.11570	.10594	.14159	.25183

Sample Name: CCB Acquired: 1/3/2013 16:37:42 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.22786	7.2658	.00248	5.5498	.11921	.09347	10.326	-.0087
Stddev	.16687	4.4140	.82851	.6749	.02543	.05170	3.572	.0503
%RSD	73.232	60.751	33387.	12.161	21.334	55.310	34.596	575.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.04396	.08059	-.28924	2.2992	-2.4381	2.7172	9.8346	.05973
Stddev	.17403	.25910	.59172	.9259	24.628	.6641	11.268	.02687
%RSD	395.88	321.51	204.57	40.270	1010.1	24.440	114.58	44.992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.57375	14.609	.24524	-.25401	1.606	.91935	1.1977	1.3326
Stddev	.15846	6.639	.43455	1.4458	1.263	.19925	.1907	.0421
%RSD	27.618	45.446	177.19	569.19	78.63	21.673	15.924	3.1610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 16:37:42 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.45900**	**.30780**	**.17526**	**3.3299**	**-.99292**
Stddev	.83565	1.7545	.11567	2.9586	1.3999
%RSD	182.06	570.02	66.002	88.848	140.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6657.6**	**4673.1**	**57602.**	**9829.2**
Stddev	**7**.2	3.1	79.	35.9
%RSD	.10818	.06686	.13636	.36489

Sample Name: 240-19255-a-13-c Acquired: 1/3/2013 16:41:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.00550**	**4.1099**	**.22697**	**3.2489**	**.93720**	**.01370**	**160.66**	**.1619**
Stddev	.26253	9.1790	.65076	.1636	.05537	.03508	.34	.0199
%RSD	4773.8	223.34	286.71	5.0340	5.9081	255.98	.20899	12.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.00986**	**.38090**	**.92075**	**18.517**	**19.000**	**.76217**	**10.977**	**1.1086**
Stddev	.05899	.16065	.30101	.842	12.884	.74751	19.082	.0188
%RSD	598.24	42.177	32.692	4.5481	67.810	98.077	173.84	1.6961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.18089**	**228.34**	**.83512**	**-.04090**	**.6971**	**.37677**	**.43936**	**.29585**
Stddev	.08639	2.69	.45971	.48449	.9584	1.2177	.25189	.04794
%RSD	47.760	1.1783	55.047	1184.5	137.5	323.18	57.331	16.204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19255-a-13-c Acquired: 1/3/2013 16:41:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.21133**	**.65537**	**.96104**	**41.726**	**-.07684**
Stddev	1.4704	2.0220	.05729	3.062	5.7478
%RSD	695.79	308.53	5.9607	7.3376	7480.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6679.8**	**4719.1**	**58594.**	**9977.3**
Stddev	1.9	4.3	69.	34.6
%RSD	.02901	.09074	.11821	.34697
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	101.06%	100.34%	100.92%	100.98%
Range				

Sample Name: SD 240-19255-a-13-c@ Acquired: 1/3/2013 16:45:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.13485**	**10.204**	**-.76368**	**1.8665**	**.10958**	**.02218**	**61.346**	**-.0169**
Stddev	.30765	12.460	.63890	.1193	.12184	.01356	1.017	.0623
%RSD	228.15	122.12	83.661	6.3934	111.19	61.125	1.6570	369.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.03207**	**.15306**	**.36111**	**3.5028**	**10.811**	**-.48340**	**-9.8967**	**.25568**
Stddev	.07856	.22241	.29812	1.2159	14.956	1.7182	5.6731	.03218
%RSD	244.95	145.31	82.555	34.713	138.34	355.44	57.323	12.586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.28993**	**46.906**	**.64987**	**-1.2451**	**1.311**	**.54558**	**.10930**	**.03038**
Stddev	.09266	17.512	.28466	1.3299	.925	1.6362	.03466	.14093
%RSD	31.959	37.335	43.803	106.81	70.53	299.90	31.708	463.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SD 240-19255-a-13-c@ Acquired: 1/3/2013 16:45:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.08668**	**1.0342**	**.72493**	**9.1018**	**.72354**
Stddev	.82976	2.6132	.05379	5.3029	1.5529
%RSD	957.29	252.68	7.4198	58.263	214.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6658.7**	**4705.6**	**58159.**	**9901.7**
Stddev	2.4	2.2	166.	46.5
%RSD	.03581	.04708	.28499	.46944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.74%	100.05%	100.17%	100.22%
Range				

Sample Name: 240-19255-a-13-d ms Acquired: 1/3/2013 16:49:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.424**	**2022.9**	**2043.4**	**1016.8**	**2022.3**	**50.307**	**51287.**	**51.28**
Stddev	.437	16.7	3.7	1.3	.4	.098	27.	.15
%RSD	.85016	.82319	.17940	.12861	.01880	.19571	.05257	.2975
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**504.61**	**203.51**	**256.63**	**1052.7**	**49021.**	**1012.4**	**50974.**	**522.38**
Stddev	.89	.38	1.21	2.8	43.	.6	81.	1.89
%RSD	.17565	.18740	.47247	.26651	.08825	.06319	.15917	.36155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1048.3**	**50627.**	**508.82**	**503.80**	**508.1**	**1988.7**	**1958.5**	**1053.6**
Stddev	2.0	41.	.43	.75	.5	4.7	1.3	2.5
%RSD	.19527	.08015	.08459	.14841	.1063	.23577	.06655	.23944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19255-a-13-d ms Acquired: 1/3/2013 16:49:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2039.3**	**515.01**	**502.45**	**1094.2**	**1002.0**
Stddev	2.2	2.09	.75	10.1	1.3
%RSD	.10624	.40538	.14982	.92289	.13389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6160.9**	**4491.4**	**55561.**	**9804.7**
Stddev	9.2	6.4	115.	11.4
%RSD	.14877	.14203	.20694	.11580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.208%	95.500%	95.695%	99.234%
Range				

Sample Name: 240-19255-a-13-e msd Acquired: 1/3/2013 16:53:21 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.933**	**2010.6**	**2050.1**	**1021.1**	**2022.8**	**50.264**	**51267.**	**51.27**
Stddev	.088	25.6	4.7	1.1	2.3	.228	52.	.29
%RSD	.17229	1.2741	.22742	.11251	.11612	.45356	.10190	.5570
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**505.40**	**204.24**	**256.68**	**1053.2**	**49064.**	**1009.9**	**50949.**	**523.81**
Stddev	.31	.25	.63	3.6	90.	1.3	99.	.96
%RSD	.06145	.12120	.24735	.34400	.18295	.12709	.19459	.18302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1047.2**	**50511.**	**509.85**	**504.47**	**508.2**	**1994.2**	**1962.7**	**1054.7**
Stddev	1.3	68.	.73	1.21	1.3	9.4	3.1	2.2
%RSD	.12284	.13398	.14318	.23904	.2640	.46921	.15567	.21189
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19255-a-13-e msd Acquired: 1/3/2013 16:53:21 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2043.9**	**512.84**	**504.78**	**1091.6**	**1004.8**
Stddev	2.1	2.62	.34	12.2	4.7
%RSD	.10225	.51143	.06684	1.1207	.46855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6173.2**	**4505.7**	**55380.**	**9770.7**
Stddev	9.8	4.0	129.	22.6
%RSD	.15884	.08829	.23382	.23160
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.395%	95.804%	95.385%	98.890%
Range				

NOT needed

Sample Name: PSD 240-19255-a-13-c Acquired: 1/3/2013 16:56:59 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**101.93**	**5061.8**	**304.33**	**3030.6**	**51.408**	**25.625**	**10532.**	**353.9**
Stddev	.13	19.9	1.39	5.7	.244	.071	2.	1.0
%RSD	.12718	.39406	.45660	.18948	.47515	.27583	.01540	.2926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**152.04**	**207.25**	**471.63**	**4701.4**	**4777.5**	**-.72436**	**3111.8**	**27.641**
Stddev	.31	.62	1.23	10.6	16.1	.60149	20.9	.131
%RSD	.20415	.30088	.26142	.22528	.33709	83.038	.67265	.47213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**105.87**	**50668.**	**256.54**	**152.39**	**151.6**	**398.14**	**296.28**	**533.37**
Stddev	.38	51.	.24	1.26	1.3	2.14	.51	1.96
%RSD	.35772	.09990	.09285	.82682	.8268	.53753	.17364	.36671
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: PSD 240-19255-a-13-c Acquired: 1/3/2013 16:56:59 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**464.01**	**52.734**	**510.85**	**53.375**	**1.7415**
Stddev	1.38	2.724	.83	5.758	3.4183
%RSD	.29743	5.1656	.16255	10.788	196.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6432.2**	**4635.5**	**56872.**	**9967.5**
Stddev	10.6	9.8	44.	12.9
%RSD	.16490	.21174	.07691	.12973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	97.313%	98.564%	97.955%	100.88%
Range				

Sample Name: mb 240-70671/1-a Acquired: 1/3/2013 17:00:39 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.26826**	**8.9546**	**-.93039**	**4.6397**	**-.06710**	**-.02806**	**5.3045**	**-.0888**
Stddev	.24345	5.1580	.54245	.5167	.11247	.03158	1.5036	.0631
%RSD	90.753	57.602	58.303	11.137	167.63	112.54	28.346	71.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.10292**	**.23346**	**-.39407**	**.77176**	**-.72727**	**-.73375**	**-10.894**	**.37844**
Stddev	.18326	.04632	.60622	.19540	18.645	.75252	8.101	.01791
%RSD	178.06	19.841	153.83	25.318	2563.6	102.56	74.363	4.7332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.01820**	**12.214**	**.31930**	**-.49805**	**.0832**	**.36292**	**.16176**	**.15353**
Stddev	.20395	10.979	.22686	.58880	.3632	3.1819	.20974	.04427
%RSD	1120.3	89.886	71.049	118.22	436.6	876.75	129.66	28.837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: mb 240-70671/1-a Acquired: 1/3/2013 17:00:39 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	1.0178	1.3681	.25348	2.9677	-.53972
Stddev	.5793	.4803	.04944	3.9463	3.5208
%RSD	56.918	35.105	19.504	132.98	652.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6716.7	4742.0	58521.	10064.
Stddev	5.6	3.3	266.	14.
%RSD	.08384	.06895	.45432	.14166

Sample Name: lcs 240-70671/2-a Acquired: 1/3/2013 17:04:40 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.731**	**2052.1**	**2124.0**	**1074.8**	**2063.1**	**51.749**	**51340.**	**53.21**
Stddev	.567	29.7	2.4	.4	6.2	.035	70.	.24
%RSD	1.0750	1.4489	.11399	.03263	.29956	.06767	.13706	.4443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**518.62**	**208.60**	**263.07**	**1060.7**	**49242.**	**1030.1**	**51405.**	**538.81**
Stddev	.17	.53	.42	.8	151.	2.8	87.	2.20
%RSD	.03208	.25482	.16008	.07293	.30575	.26848	.16885	.40845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1060.5**	**50503.**	**523.16**	**517.28**	**522.6**	**2126.8**	**2023.6**	**1076.8**
Stddev	1.7	87.	.90	1.77	1.7	4.5	1.3	5.3
%RSD	.15802	.17273	.17112	.34189	.3318	.21145	.06666	.48823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: lcs 240-70671/2-a Acquired: 1/3/2013 17:04:40 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2104.3**	**523.73**	**521.61**	**1074.3**	**1024.8**
Stddev	2.8	2.51	.81	4.4	7.6
%RSD	.13204	.47983	.15502	.41191	.74429
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6192.8**	**4536.5**	**55587.**	**9855.3**
Stddev	3.6	4.6	174.	3.9
%RSD	.05761	.10034	.31281	.03929

Sample Name: 240-19034-I-2-b Acquired: 1/3/2013 17:08:18 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.12111	12.897	1.2978	184.72	11.694	-.31405	177820.
Stddev	.08399	3.955	1.2431	.44	.075	.06969	2395.
%RSD	69.347	30.669	95.786	.23819	.64474	22.190	1.3469
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4132	.33323	.91382	-.91609	259.31	3541.1	26.401
Stddev	.0523	.11447	.25149	.30577	1.14	20.8	.559
%RSD	12.65	34.351	27.520	33.378	.43809	.58664	2.1179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83234.	18.508	1.9397	42450.	1.3920	-1.4375	.4264
Stddev	197.	.100	.0917	52.	.1861	1.4464	1.217
%RSD	.23618	.53979	4.7292	.12329	13.372	100.62	285.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19034-I-2-b Acquired: 1/3/2013 17:08:18 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.70714**	**.77841**	**-1.3516**	**1.6653**	**-1.2608**	**.83821**	**3936.9**
Stddev	.76344	.16074	.0452	.5200	.5302	.06200	16.2
%RSD	107.96	20.650	3.3442	31.222	42.049	7.3966	.41092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**18553.**
Stddev	**34.**
%RSD	.18456
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6122.1**	**4446.4**	**54240.**	**9752.6**
Stddev	9.7	8.4	166.	57.7
%RSD	.15910	.18993	.30642	.59151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	92.621%	94.544%	93.421%	98.707%
Range				

Sample Name: SD 240-19034-I-2-b@5 Acquired: 1/3/2013 17:12:20 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.37242**	**-5.5411**	**.15370**	**36.084**	**2.3892**	**-.05642**	**35995.**	**.0682**
Stddev	.24711	15.633	.91909	.132	.1665	.04518	24.	.0830
%RSD	66.352	282.13	597.97	.36492	6.9696	80.076	.06734	121.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.01588**	**.25611**	**-.78495**	**52.104**	**681.97**	**5.2668**	**16633.**	**3.7517**
Stddev	.10116	.24735	.91528	.755	38.89	.8719	25.	.0372
%RSD	636.94	96.580	116.60	1.4485	5.7021	16.555	.14838	.99284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.35166**	**8259.5**	**.98678**	**-.58717**	**2.944**	**.36828**	**.23680**	**-.16054**
Stddev	.06716	7.0	.23818	.86409	1.324	1.4069	1.0964	.02207
%RSD	19.098	.08483	24.137	147.16	44.98	382.03	463.03	13.745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SD 240-19034-I-2-b@5 Acquired: 1/3/2013 17:12:20 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.11334**	**-1.3878**	**.79123**	**768.65**	**3713.6**
Stddev	.34463	1.6854	.04760	1.96	5.3
%RSD	304.08	121.44	6.0163	.25470	.14211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6496.7**	**4619.8**	**56920.**	**9832.9**
Stddev	3.7	3.2	98.	54.2
%RSD	.05728	.06860	.17290	.55121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	98.289%	98.230%	98.037%	99.520%
Range				

Sample Name: 240-19034-I-2-c ms Acquired: 1/3/2013 17:16:15 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.775**	**2044.0**	**2147.3**	**1264.2**	**2071.8**	**50.138**	**221470.**
Stddev	.163	13.3	4.4	2.6	5.7	.009	2504.
%RSD	.30266	.65254	.20434	.20498	.27504	.01698	1.1305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.67**	**512.42**	**203.90**	**263.78**	**1288.7**	**53200.**	**1068.3**
Stddev	.07	.47	.73	.48	2.9	277.	1.4
%RSD	.1247	.09157	.35630	.18086	.22762	.52006	.13150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**133010.**	**545.53**	**1046.4**	**91910.**	**514.56**	**498.41**	**530.6**
Stddev	295.	1.72	1.2	103.	.94	1.35	1.4
%RSD	.22207	.31557	.11917	.11212	.18261	.27037	.2652
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19034-I-2-c ms Acquired: 1/3/2013 17:16:15 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2130.0**	**2015.1**	**1067.9**	**2058.4**	**515.18**	**510.71**	**4920.8**
Stddev	3.6	2.5	2.3	2.9	2.22	.81	13.9
%RSD	.16683	.12436	.21118	.14302	.43187	.15893	.28212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**19132.**
Stddev	26.
%RSD	.13663
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5871.2	4367.5	53436.	9727.6
Stddev	5.3	3.0	64.	68.6
%RSD	.09014	.06896	.11905	.70492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.826%	92.866%	92.037%	98.455%
Range				

Sample Name: CCV Acquired: 1/3/2013 17:20:04 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1012.1**	**24769.**	**514.86**	**5078.7**	**1992.9**	**2062.2**	**50659.**	**507.8**
Stddev	2.9	66.	3.24	2.8	.7	2.7	78.	1.0
%RSD	.28459	.26729	.62992	.05528	.03694	.13161	.15455	.1935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1995.8**	**1999.4**	**2018.8**	**25523.**	**48358.**	**5101.8**	**50816.**	**2043.5**
Stddev	3.1	5.2	2.6	64.	105.	5.9	74.	10.5
%RSD	.15489	.26016	.12986	.25249	.21737	.11550	.14640	.51178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2048.7**	**49964.**	**1994.5**	**499.69**	**502.3**	**502.00**	**4961.4**	**5168.0**
Stddev	5.1	22.	2.4	.81	.9	1.91	9.2	24.4
%RSD	.25033	.04405	.11939	.16306	.1807	.38057	.18518	.47226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 17:20:04 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1027.9**	**2000.6**	**2023.6**	**5286.8**	**5044.8**
Stddev	4.0	6.4	4.2	76.9	11.0
%RSD	.38549	.32223	.20740	1.4552	.21860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6111.5**	**4529.4**	**55225.**	**9790.7**
Stddev	10.9	8.2	212.	50.9
%RSD	.17858	.18013	.38351	.52034

Sample Name: CCB Acquired: 1/3/2013 17:23:50 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.11239	.76129	.50331	6.9631	.07330	.05840	11.250	.0609
Stddev	.23473	4.7284	1.0664	.4816	.06707	.06523	.868	.0338
%RSD	208.86	621.10	211.89	6.9161	91.499	111.69	7.7167	55.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.08816	.00595	-.14315	2.2412	-6.1588	1.1588	-.78986	.07802
Stddev	.17705	.37145	.33069	.1612	23.974	.4097	11.106	.01926
%RSD	200.82	6247.0	231.01	7.1924	389.27	35.357	1406.0	24.679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.70052	13.960	.06913	-.45495	-.4660	.13340	.53535	1.2687
Stddev	.12610	6.490	.18252	1.1002	.9861	.96235	.37270	.1019
%RSD	18.001	46.491	264.03	241.84	211.6	721.41	69.619	8.0352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 17:23:50 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.31466**	**-.54979**	**.27311**	**4.6712**	**1.2899**
Stddev	.70370	1.1091	.02542	3.0087	2.6056
%RSD	223.64	201.74	9.3068	64.409	201.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6666.0**	**4681.0**	**57711.**	**9823.1**
Stddev	9.7	2.1	116.	22.3
%RSD	.14506	.04489	.20070	.22717

Sample Name: 240-19034-I-2-d msd Acquired: 1/3/2013 17:27:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.456**	**2019.6**	**2122.7**	**1244.1**	**2037.4**	**49.537**	**217320.**
Stddev	.558	1.5	2.1	3.2	1.2	.124	3139.
%RSD	1.0628	.07245	.09668	.25655	.05899	.24934	1.4442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.23**	**506.21**	**200.87**	**259.12**	**1269.6**	**52714.**	**1051.3**
Stddev	.16	.21	.71	.58	3.6	191.	.6
%RSD	.3050	.04247	.35197	.22508	.28121	.36311	.05411
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**129830.**	**533.17**	**1033.7**	**89661.**	**509.09**	**494.92**	**522.6**
Stddev	126.	1.93	1.3	50.	1.07	.31	3.2
%RSD	.09695	.36195	.12671	.05585	.21037	.06216	.6113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19034-I-2-d msd Acquired: 1/3/2013 17:27:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2100.8**	**1990.5**	**1042.6**	**2040.3**	**507.53**	**505.49**	**4810.2**
Stddev	5.1	4.2	3.8	4.5	1.84	.53	10.1
%RSD	.24225	.20995	.36756	.21935	.36253	.10478	.21037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**18621.**
Stddev	32.
%RSD	.17078
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5867.2	4364.6	53645.	9670.9
Stddev	6.3	3.6	151.	60.3
%RSD	.10750	.08173	.28194	.62347
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.765%	92.805%	92.396%	97.880%
Range				

Sample Name: 240-18925-j-1-b Acquired: 1/3/2013 17:31:38 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.78732**	**47.398**	**10.726**	**315.76**	**160.73**	**-.10997**
Stddev	.18984	4.660	1.067	1.90	.27	.05180
%RSD	24.113	9.8316	9.9460	.60082	.16770	47.106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**66567.**	**-.1255**	**.73991**	**1.0586**	**.08173**	**2843.9**
Stddev	32.	.1346	.24478	.1223	.87887	10.0
%RSD	.04868	107.2	33.083	11.550	1075.3	.35138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Dilute

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17868.**	**3.0100**	**6184.4**	**729.05**	**76.861**	F **707750.**
Stddev	28.	.8041	37.2	1.25	.206	2763.
%RSD	.15888	26.712	.60177	.17194	.26815	.39038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18925-j-1-b Acquired: 1/3/2013 17:31:38 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.3187**	**.04316**	**.4201**	**1.6244**	**.42270**	**3.0207**
Stddev	.1750	.43793	1.193	.7644	.28252	.1407
%RSD	4.0523	1014.8	284.1	47.059	66.837	4.6571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.7804**	**2.3494**	**4.5141**	**4617.2**	**1057.5**
Stddev	.8533	1.4058	.0290	5.3	7.8
%RSD	47.927	59.837	.64314	.11489	.73411
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5746.8**	**4353.9**	**51679.**	**9712.6**
Stddev	5.5	7.2	95.	18.9
%RSD	.09617	.16621	.18376	.19504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.944%	92.577%	89.009%	98.302%
Range				

Sample Name: 240-18925-i-1-b Acquired: 1/3/2013 17:35:38 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.63425**	**4.8744**	**9.1160**	**313.40**	**160.09**	**-.09788**
Stddev	.56259	18.798	1.4719	.49	.35	.06391
%RSD	88.702	385.64	16.146	.15526	.21762	65.296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**65647.**	**-.0597**	**.77595**	**.86327**	**.40611**	**2754.0**
Stddev	84.	.1371	.12408	.15552	.38152	7.3
%RSD	.12801	229.8	15.990	18.015	93.945	.26397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17642.**	**5.3499**	**6102.1**	**728.63**	**76.067**	**F 682620.**
Stddev	23.	1.7902	26.8	3.47	.047	4076.
%RSD	.13212	33.462	.43862	.47636	.06119	.59706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18925-i-1-b Acquired: 1/3/2013 17:35:38 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.9128	-.20998	1.229	-.93149	.52444	1.0313
Stddev	.4045	.76176	1.221	.46905	.44322	.1856
%RSD	10.337	362.78	99.34	50.355	84.513	17.999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	2.9940	2.5983	2.1045	4472.7	1041.8
Stddev	.7166	1.8115	.0889	8.0	3.7
%RSD	23.934	69.720	4.2257	.17978	.35097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5739.1	4354.7	51509.	9775.3
Stddev	7.5	7.4	65.	20.2
%RSD	.13037	.16938	.12524	.20666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.828%	92.594%	88.717%	98.937%
Range				

Sample Name: 240-18925-c-2-b Acquired: 1/3/2013 17:39:39 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.30333**	**45.945**	**3.2968**	**447.79**	**763.66**	**-1.9710**
Stddev	.13639	7.591	.6714	.29	1.25	.0413
%RSD	44.964	16.521	20.364	.06442	.16366	2.0931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Dilute

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **978080.**	**1.498**	**2.2433**	**2.5689**	**-.85391**	**1130.6**
Stddev	8834.	.119	.4259	.1005	.89270	.7
%RSD	.90321	7.949	18.987	3.9119	104.54	.06582
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	500000.					
Low Limit	-500000.					

Dilute

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9675.4**	**-.73304**	**212110.**	**8390.7**	**8.5234**	F **1541100.**
Stddev	107.8	.97813	447.	34.2	.4094	24502.
%RSD	1.1141	133.43	.21098	.40767	4.8038	1.5899
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18925-c-2-b Acquired: 1/3/2013 17:39:39 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14.543**	**-5.1082**	**-1.094**	**1.0324**	**.81795**	**-1.9331**
Stddev	.599	1.1303	.315	2.1984	.17992	.2856
%RSD	4.1213	22.128	28.82	212.95	21.996	14.774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**7.8306**	**-1.9753**	**2.7917**	**13178.**	**7638.3**
Stddev	.5425	.5762	.0357	10.	5.2
%RSD	6.9275	29.172	1.2778	.07619	.06764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4795.4**	**3789.9**	**45238.**	**9133.6**
Stddev	3.0	2.2	87.	19.7
%RSD	.06326	.05921	.19187	.21519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	72.550%	80.584%	77.916%	92.442%
Range				

Sample Name: 240-18925-d-2-b Acquired: 1/3/2013 17:43:55 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.0149**	**2.5448**	**3.8009**	**456.06**	**800.84**	**-2.2263**
Stddev	.2242	5.3515	2.0322	1.42	.87	.0287
%RSD	22.087	210.29	53.467	.31071	.10842	1.2891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

dilute

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **1023100.**	**1.442**	**2.8754**	**2.6975**	**-1.4378**	**798.18**
Stddev	9710.	.114	.4512	.1063	.5544	1.50
%RSD	.94907	7.921	15.690	3.9405	38.558	.18849
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	500000.					
Low Limit	-500000.					

dilute

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10120.**	**-7.6694**	**224030.**	**9131.3**	**8.8321**	F **1479100.**
Stddev	116.	2.4004	183.	17.7	.2281	11769.
%RSD	1.1443	31.298	.08189	.19398	2.5832	.79569
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18925-d-2-b Acquired: 1/3/2013 17:43:55 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16.177**	**-4.7040**	**-5.407**	**2.4584**	**.90590**	**-2.6114**
Stddev	.110	1.5091	2.390	3.0436	.66605	.2114
%RSD	.68114	32.082	44.20	123.80	73.524	8.0962
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**8.0173**	**-1.8740**	**4.4013**	**12830.**	**8041.0**
Stddev	.6191	.6303	.1385	44.	8.0
%RSD	7.7222	33.632	3.1462	.34632	.09919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4759.1**	**3764.7**	**45368.**	**9102.7**
Stddev	8.8	10.6	60.	18.8
%RSD	.18462	.28134	.13291	.20611
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	72.001%	80.048%	78.140%	92.130%
Range				

Sample Name: 240-18953-h-2-a Acquired: 1/3/2013 17:48:11 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.13389**	**-3.6516**	**1.2908**	**10.132**	**46.805**	**-.09567**	**39375.**	**.0758**
Stddev	.20531	8.3927	1.5359	.232	.022	.04274	33.	.1014
%RSD	153.33	229.84	118.99	2.2896	.04800	44.677	.08329	133.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.21894**	**1.4617**	**1.4455**	**5.3085**	**1109.8**	**-1.0781**	**22379.**	**1.4324**
Stddev	.16479	.2081	.2945	1.0354	17.6	1.2885	72.	.0261
%RSD	75.266	14.235	20.374	19.504	1.5881	119.52	.32030	1.8243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.36246**	**3057.9**	**.86252**	**.40544**	**.8026**	**.56873**	**-.14608**	**-.09023**
Stddev	.14521	17.0	.28840	.46934	1.151	.62701	.28295	.18053
%RSD	40.063	.55537	33.436	115.76	143.4	110.25	193.69	200.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18953-h-2-a Acquired: 1/3/2013 17:48:11 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.8214**	**.79408**	**3.0283**	**4602.0**	**43.575**
Stddev	.4269	1.5582	.0389	9.3	1.492
%RSD	23.436	196.23	1.2860	.20316	3.4246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6480.2**	**4627.3**	**56806.**	**9881.3**
Stddev	1.8	3.1	174.	19.4
%RSD	.02848	.06713	.30717	.19680
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	98.039%	98.389%	97.841%	100.01%
Range				

Sample Name: 240-18953-g-3-a Acquired: 1/3/2013 17:52:08 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.06443**	**-7.8518**	1.3119	**31.814**	**77.863**	**-.08768**	**58342.**	**.3489**
Stddev	.14237	19.366	.5146	.297	.189	.02053	33.	.1511
%RSD	220.98	246.65	39.225	.93431	.24318	23.420	.05684	43.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.17302**	**1.4493**	**1.5119**	**17.798**	**2596.4**	**-3.3408**	**33163.**	**.93959**
Stddev	.28981	.2301	.2887	2.535	36.6	.5809	24.	.05563
%RSD	167.50	15.880	19.095	14.243	1.4115	17.387	.07320	5.9205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.34411**	**8637.0**	**1.8773**	**.73222**	**1.518**	**-.82833**	**.23613**	**-.01153**
Stddev	.19748	12.4	.2428	.87969	.755	.48808	.40317	.08498
%RSD	57.389	.14343	12.933	120.14	49.73	58.923	170.74	736.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18953-g-3-a Acquired: 1/3/2013 17:52:08 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.81716**	**-1.4093**	**6.1235**	**4865.0**	**72.626**
Stddev	.17782	1.5179	.0459	134.6	2.513
%RSD	21.761	107.70	.74895	2.7660	3.4599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6350.0**	**4565.9**	**56183.**	**9837.6**
Stddev	7.4	6.7	96.	41.8
%RSD	.11645	.14622	.17026	.42488
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	96.070%	97.085%	96.767%	99.568%
Range				

Sample Name: 240-18953-g-5-a Acquired: 1/3/2013 17:56:05 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.24109**	**-6.6939**	**1.1306**	**33.715**	**177.89**	**-.13970**	**75926.**	**.5029**
Stddev	.10633	11.161	1.6435	.225	.22	.04585	74.	.0703
%RSD	44.103	166.73	145.37	.66746	.12598	32.821	.09763	13.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.29376**	**1.1661**	**2.9558**	**6.5660**	**2328.2**	**-5.0770**	**40991.**	**9.6185**
Stddev	.02691	.1296	.3839	1.1355	26.0	.3670	114.	.0407
%RSD	9.1621	11.114	12.988	17.294	1.1166	7.2292	.27740	.42274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.92664**	**6933.1**	**8.4997**	**-.61904**	**1.582**	**-.88672**	**.26714**	**.07144**
Stddev	.10307	27.6	.3530	.72836	1.120	.67147	.24858	.15109
%RSD	11.123	.39773	4.1536	117.66	70.78	75.725	93.052	211.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18953-g-5-a Acquired: 1/3/2013 17:56:05 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.6116**	**-1.3564**	**124.24**	**6285.8**	**116.41**
Stddev	.3746	1.2676	.31	3.2	2.94
%RSD	23.246	93.455	.24968	.05141	2.5226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6331.6**	**4557.1**	**55795.**	**9808.0**
Stddev	5.1	1.8	56.	22.9
%RSD	.08054	.03973	.10109	.23317
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.791%	96.897%	96.100%	99.268%
Range				

Sample Name: 240-18953-g-6-a Acquired: 1/3/2013 17:59:58 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.61154**	**-6.6399**	**2.0225**	**9.8197**	**182.84**	**-.12424**	**45545.**	**.1807**
Stddev	.27244	10.497	1.2345	.0646	.13	.00945	71.	.0296
%RSD	44.550	158.10	61.036	.65807	.07026	7.6093	.15601	16.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.19609**	**1.0707**	**1.0086**	**16.525**	**1130.1**	**-2.4861**	**25651.**	**.31445**
Stddev	.28827	.1071	.1312	.273	24.6	2.3032	75.	.01709
%RSD	147.01	9.9983	13.006	1.6528	2.1750	92.646	.29281	5.4358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.09547**	**3825.2**	**.76478**	**.02922**	**1.027**	**.71751**	**-.23203**	**.09262**
Stddev	.08945	8.6	.02725	1.4035	1.587	1.6699	.37958	.06364
%RSD	93.689	.22545	3.5635	4803.4	154.5	232.74	163.60	68.715
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18953-g-6-a Acquired: 1/3/2013 17:59:58 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.4605**	**-.42120**	**8.4856**	**4867.1**	**51.232**
Stddev	.4749	1.3851	.0362	10.4	3.539
%RSD	32.520	328.85	.42613	.21343	6.9074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6429.9**	**4600.7**	**56700.**	**9842.3**
Stddev	8.0	2.5	228.	50.9
%RSD	.12486	.05401	.40262	.51688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	97.279%	97.824%	97.658%	99.615%
Range				

Sample Name: 240-18953-g-7-a Acquired: 1/3/2013 18:03:54 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.27637**	**2.6101**	**.94452**	**9.6170**	**187.05**	**-.10437**	**45061.**	**.1434**
Stddev	.03978	3.2915	.39879	.1217	.48	.02379	76.	.0384
%RSD	14.395	126.11	42.222	1.2657	.25892	22.790	.16869	26.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.02052**	**.73771**	**.81372**	**2.3875**	**1111.7**	**-2.6800**	**25506.**	**.43004**
Stddev	.12577	.05643	.41721	1.0975	13.4	1.7161	26.	.02379
%RSD	612.96	7.6497	51.272	45.970	1.2054	64.035	.10362	5.5325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.11704**	**3846.5**	**.59790**	**.49945**	**.9680**	**-.25999**	**-.16188**	**.12332**
Stddev	.07563	9.9	.36245	.30796	.2365	.98835	.16792	.05790
%RSD	64.619	.25742	60.621	61.660	24.44	380.15	103.73	46.952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18953-g-7-a Acquired: 1/3/2013 18:03:54 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.82525**	**.10422**	**7.9791**	**4809.4**	**47.691**
Stddev	.41180	.86867	.0532	19.4	1.780
%RSD	49.901	833.46	.66726	.40283	3.7329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6464.6**	**4639.4**	**56639.**	**9945.9**
Stddev	5.6	1.8	156.	9.0
%RSD	.08657	.03909	.27578	.09030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	97.802%	98.648%	97.554%	100.66%
Range				

Sample Name: CCV Acquired: 1/3/2013 18:07:50 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1011.2**	**25009.**	**517.66**	**5086.6**	**2004.6**	**2065.0**	**51103.**	**510.3**
Stddev	.8	21.	1.08	9.4	1.6	3.5	12.	.5
%RSD	.07611	.08563	.20770	.18473	.08175	.17133	.02410	.1035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2007.8**	**2012.6**	**2018.2**	**25643.**	**49066.**	**5120.3**	**51012.**	**2044.6**
Stddev	1.5	2.3	2.6	46.	67.	4.0	84.	5.9
%RSD	.07542	.11623	.13050	.17991	.13741	.07801	.16481	.28995
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2064.7**	**49763.**	**2005.4**	**503.73**	**503.0**	**504.37**	**4978.1**	**5249.5**
Stddev	4.4	38.	2.0	2.37	1.1	1.93	8.3	14.9
%RSD	.21087	.07565	.09867	.47021	.2205	.38236	.16653	.28312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 18:07:50 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1031.1**	**2023.0**	**2037.4**	**5345.4**	**5072.8**
Stddev	1.4	3.1	1.9	66.2	3.4
%RSD	.13274	.15533	.09220	1.2391	.06778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6076.9**	**4497.8**	**54709.**	**9631.4**
Stddev	12.7	9.2	74.	36.9
%RSD	.20868	.20413	.13490	.38340

Sample Name: CCB Acquired: 1/3/2013 18:11:39 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.39164**	**7.0618**	**-.01742**	**5.1065**	**.09270**	**.03836**	**14.083**	**-.1031**
Stddev	.07101	8.4140	.34611	.3501	.15304	.04561	1.498	.0724
%RSD	18.131	119.15	1987.1	6.8553	165.10	118.88	10.634	70.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.10405**	**-.07222**	**-.11816**	**2.7507**	**2.2762**	**1.0731**	**5.2148**	**.11917**
Stddev	.16064	.38937	.67832	.3841	43.937	.4685	11.819	.03130
%RSD	154.39	539.11	574.08	13.964	1930.3	43.656	226.65	26.260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.59655**	**97.888**	**-.04329**	**-.52749**	**2.408**	**-.17028**	**1.0311**	**1.4286**
Stddev	.04464	2.711	.13808	.82140	1.148	.25963	.4438	.0575
%RSD	7.4830	2.7694	318.99	155.72	47.66	152.48	43.037	4.0266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 18:11:39 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.61180**	**1.1234**	**.13141**	**6.4061**	**-.16539**
Stddev	.77311	1.0057	.03840	4.2881	.86844
%RSD	126.37	89.519	29.217	66.938	525.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6636.1**	**4660.0**	**57173.**	**9770.2**
Stddev	14.6	5.6	16.	58.0
%RSD	.22071	.12115	.02808	.59409

Sample Name: 240-18953-g-8-a Acquired: 1/3/2013 18:15:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.02137**	**-.55935**	**-.04570**	**3.4460**	**7.0235**	**-.00574**	**1125.8**	**-.0054**
Stddev	.22634	4.5626	.98228	.2354	.1631	.01753	3.2	.1803
%RSD	1059.3	815.70	2149.6	6.8308	2.3227	305.39	.28633	3345.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.25984**	**.29595**	**-.34888**	**5.9300**	**37.831**	**.59835**	**533.98**	**.49232**
Stddev	.04538	.31168	.51319	.4376	11.677	.20974	14.64	.02872
%RSD	17.465	105.31	147.10	7.3792	30.867	35.052	2.7411	5.8340
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.30412**	**224.32**	**.63737**	**-.52903**	**.7448**	**.31598**	**.52426**	**.18737**
Stddev	.14523	12.40	.42075	1.1409	1.022	1.1701	.35551	.16913
%RSD	47.754	5.5279	66.014	215.66	137.2	370.30	67.811	90.266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-18953-g-8-a Acquired: 1/3/2013 18:15:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

MCM CCV1

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.81816**	**.26034**	**3.6618**	**153.01**	**4.9749**
Stddev	.43717	.52652	.0618	1.06	1.3947
%RSD	53.433	202.24	1.6867	.69101	28.036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6689.9**	**4725.2**	**57919.**	**9924.6**
Stddev	10.3	6.1	73.	27.8
%RSD	.15374	.12867	.12666	.27986
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	101.21%	100.47%	99.758%	100.45%
Range				

Sample Name: mb 240-70677/1-a Acquired: 1/3/2013 18:19:38 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.51621	4.5877	-.60712	2.0969	.83551	-.06849	381.40	-.0775
Stddev	.17423	2.5156	1.4134	.3369	.09930	.02046	.91	.1393
%RSD	33.751	54.833	232.81	16.068	11.885	29.869	.23923	179.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.01895	-.12383	.63905	9.8362	-1.1264	.23984	60.651	.86657
Stddev	.18047	.02656	.55942	.7033	15.168	.18178	8.813	.03971
%RSD	952.22	21.451	87.540	7.1499	1346.6	75.794	14.531	4.5820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.08057	107.05	.34379	-.53764	1.828	1.1534	-.09703	-.00978
Stddev	.13647	6.14	.15102	.18884	1.817	.8111	.14706	.19631
%RSD	169.39	5.7363	43.929	35.124	99.37	70.321	151.57	2006.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: mb 240-70677/1-a Acquired: 1/3/2013 18:19:38 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.5564**	**-.15895**	**3.7855**	**1.4640**	**3.0531**
Stddev	.4095	2.0809	.0396	3.0765	4.2042
%RSD	26.312	1309.2	1.0453	210.15	137.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6705.0**	**4726.8**	**58133.**	**9961.5**
Stddev	9.9	6.6	62.	17.0
%RSD	.14838	.13968	.10749	.17029

Sample Name: lcs 240-70677/2-a Acquired: 1/3/2013 18:23:36 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**49.191**	**1879.5**	**1956.2**	**989.36**	**1896.1**	**47.463**	**47462.**	**49.42**
Stddev	.616	6.3	6.9	.79	2.5	.050	47.	.12
%RSD	1.2526	.33739	.35078	.08010	.13263	.10634	.09917	.2471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**478.11**	**192.56**	**243.14**	**979.80**	**45097.**	**942.80**	**47338.**	**497.65**
Stddev	.76	.25	1.23	2.57	35.	1.65	15.	.50
%RSD	.15913	.13234	.50469	.26278	.07870	.17490	.03215	.10029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**968.82**	**46319.**	**481.87**	**474.11**	**483.4**	**1966.5**	**1864.4**	**993.21**
Stddev	1.87	81.	1.26	.37	2.1	1.6	4.0	1.02
%RSD	.19271	.17526	.26077	.07833	.4250	.08093	.21203	.10252
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: lcs 240-70677/2-a Acquired: 1/3/2013 18:23:36 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1940.1**	**481.27**	**484.68**	**981.44**	**945.32**
Stddev	5.8	.83	1.54	3.51	1.10
%RSD	.29740	.17195	.31702	.35752	.11622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6208.0**	**4540.1**	**55433.**	**9829.8**
Stddev	11.8	7.6	215.	15.2
%RSD	.19058	.16669	.38706	.15465

Sample Name: 240-19303-g-1-a Acquired: 1/3/2013 18:27:14 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.51188**	**422.18**	**2.7659**	**30.121**	**12.650**	**.01406**	**12558.**	**-.0261**
Stddev	.43666	14.21	.4061	.299	.068	.02278	9.	.0626
%RSD	85.305	3.3658	14.681	.99258	.53364	162.04	.06875	239.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.57437**	**1.3422**	**9.8726**	**592.68**	**4881.4**	**.77862**	**3037.4**	**34.562**
Stddev	.31280	.0498	.4079	2.60	19.3	1.6087	16.2	.122
%RSD	54.459	3.7127	4.1317	.43889	.39627	206.61	.53302	.35161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.1650**	**5693.0**	**3.7664**	**3.4386**	**3.130**	**-.08540**	**.73888**	**10.681**
Stddev	.0939	5.6	.1438	.1290	1.474	1.2748	.13022	.275
%RSD	8.0593	.09771	3.8187	3.7514	47.09	1492.7	17.624	2.5743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19303-g-1-a Acquired: 1/3/2013 18:27:14 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.4483**	**2.0877**	**82.150**	**1758.7**	**45.452**
Stddev	.3997	1.6058	.032	4.4	2.095
%RSD	27.600	76.915	.03861	.25066	4.6098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6589.2**	**4665.8**	**57281.**	**9910.3**
Stddev	6.3	4.5	149.	16.9
%RSD	.09544	.09627	.26018	.17032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	99.689%	99.209%	98.658%	100.30%
Range				

Sample Name: SD 240-19303-g-1-a@5 Acquired: 1/3/2013 18:31:08 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.17625**	**124.53**	**.49316**	**6.5238**	**2.7071**	**-.03618**	**2540.3**	**.0816**
Stddev	.19179	8.71	.42731	.1714	.0815	.01025	6.1	.1182
%RSD	108.82	6.9910	86.647	2.6269	3.0097	28.340	.23900	144.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.00074**	**.42398**	**1.7201**	**122.74**	**985.82**	**-.63299**	**598.72**	**7.0151**
Stddev	.08291	.21745	.4579	.79	3.52	.34736	6.92	.0453
%RSD	11154.	51.286	26.622	.64570	.35751	54.877	1.1551	.64565
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.36398**	**1165.8**	**1.3438**	**.25429**	**.6047**	**-.84905**	**.33631**	**4.1352**
Stddev	.08758	6.5	.1206	.67611	1.370	1.6596	.19575	.0155
%RSD	24.061	.55870	8.9754	265.88	226.6	195.47	58.206	.37453
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SD 240-19303-g-1-a@5 Acquired: 1/3/2013 18:31:08 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.59389**	**.50747**	**16.566**	**405.57**	**11.345**
Stddev	1.1277	1.0151	.145	5.64	2.465
%RSD	189.89	200.03	.87456	1.3915	21.727
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6656.3**	**4705.0**	**57513.**	**9854.2**
Stddev	13.3	17.2	147.	31.6
%RSD	.20036	.36656	.25564	.32025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.70%	100.04%	99.059%	99.736%
Range				

Sample Name: 240-19303-g-1-b ms Acquired: 1/3/2013 18:35:05 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.784**	**2662.1**	**2091.6**	**1085.5**	**2042.5**	**50.681**	**62687.**	**52.48**
Stddev	.272	14.7	5.0	2.8	1.5	.074	78.	.07
%RSD	.51594	.55138	.23679	.26224	.07257	.14625	.12457	.1284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**509.85**	**206.96**	**270.28**	**1694.3**	**53308.**	**1011.0**	**53497.**	**565.09**
Stddev	.54	.65	.26	3.0	30.	1.6	153.	1.24
%RSD	.10496	.31400	.09663	.17889	.05590	.15418	.28538	.21997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1041.4**	**55195.**	**516.00**	**507.59**	**517.0**	**2088.5**	**1989.9**	**1079.4**
Stddev	2.7	64.	.14	.92	3.0	6.7	5.9	3.0
%RSD	.26272	.11601	.02655	.18050	.5881	.32150	.29463	.27764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19303-g-1-b ms Acquired: 1/3/2013 18:35:05 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2070.5**	**516.63**	**598.34**	**3193.5**	**1051.5**
Stddev	2.6	1.68	1.03	8.8	2.5
%RSD	.12666	.32593	.17202	.27572	.24053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6167.5**	**4529.2**	**55238.**	**9837.2**
Stddev	11.5	9.9	174.	28.3
%RSD	.18693	.21932	.31556	.28775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.309%	96.304%	95.141%	99.563%
Range				

Sample Name: 240-19303-g-1-c msd Acquired: 1/3/2013 18:38:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.673**	**2636.8**	**2112.8**	**1090.5**	**2045.9**	**50.664**	**63251.**	**52.81**
Stddev	.258	16.0	6.2	1.2	2.6	.138	16.	.03
%RSD	.49032	.60837	.29202	.11341	.12537	.27285	.02481	.0528
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**511.98**	**207.09**	**270.48**	**1679.4**	**53826.**	**1014.5**	**53668.**	**566.99**
Stddev	.27	.28	.55	3.4	122.	1.7	51.	.61
%RSD	.05231	.13597	.20399	.20292	.22574	.17197	.09547	.10828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1047.7**	**55462.**	**518.60**	**510.67**	**518.8**	**2096.8**	**1993.7**	**1078.3**
Stddev	1.5	70.	.70	1.97	.5	3.1	2.1	1.8
%RSD	.14591	.12537	.13514	.38536	.1047	.14918	.10491	.17073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19303-g-1-c msd Acquired: 1/3/2013 18:38:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2080.5**	**515.48**	**598.00**	**3174.8**	**1052.5**
Stddev	5.2	2.76	.33	11.3	1.4
%RSD	.24944	.53548	.05490	.35446	.13143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6158.8**	**4520.2**	**55100.**	**9791.3**
Stddev	5.9	4.3	138.	15.8
%RSD	.09619	.09464	.24981	.16165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.176%	96.113%	94.903%	99.099%
Range				

Sample Name: 240-18972-bk-3-a Acquired: 1/3/2013 18:42:21 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**106.74**	**378.98**	**272.94**	F **93770.**	**345.43**	**-.26264**
Stddev	.47	21.19	2.10	607.	.64	.00711
%RSD	.44200	5.5915	.76836	.64782	.18671	2.7054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-500000.		

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**378230.**	F **24510.**	**252.99**	**82.613**	**6719.2**	**76.079**
Stddev	3498.	203.	2.04	.459	15.9	1.776
%RSD	.92481	.8277	.80722	.55593	.23597	2.3338
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		2000.				
Low Limit		-500000.				

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **3390300.**	F **91418.**	**212880.**	**2002.4**	**1723.2**	^ *****
Stddev	17028.	648.	572.	2.5	21.6	-----
%RSD	.50226	.70862	.26890	.12695	1.2562	-----
Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	500000.	50000.				
Low Limit	-500000.	-500000.				

Sample Name: 240-18972-bk-3-a Acquired: 1/3/2013 18:42:21 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**178.**16	**1112.2**	**1896.**	**804.45**	**11.704**	**45.661**
Stddev	.92	8.8	17.	4.17	.651	.699
%RSD	.51492	.78855	.9069	.51867	5.5594	1.5304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**416.98**	**66.238**	F **31744.**	**25762.**	**4844.6**
Stddev	6.05	1.173	185.	114.	18.7
%RSD	1.4515	1.7716	.58279	.44107	.38510
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			10000.		
Low Limit			-500000.		

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	W **2463.4**	W **2122.6**	W **26580.**	**7281.4**
Stddev	1.7	7.2	21.	29.3
%RSD	.06794	.33771	.07969	.40200
Check ?	Chk Warn	Chk Warn	Chk Warn	Chk Pass
Value	37.269%	45.133%	45.780%	73.696%
Range	-30.500%	-30.500%	-30.500%	

Sample Name: 240-19324-a-15-a Acquired: 1/3/2013 18:46:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.36145	13607.	31.494	266.94	776.87	.26979	175730.
Stddev	.07882	31.	.953	2.28	1.22	.06593	3224.
%RSD	21.807	.23125	3.0266	.85265	.15668	24.438	1.8347
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5856	8.4710	17.062	11.535	20509.	23260.	38.419
Stddev	.2169	.2479	.094	.125	14.	153.	1.030
%RSD	37.04	2.9263	.55296	1.0859	.06826	.65830	2.6811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59143.	3970.8	8.1797	46049.	23.909	8.7496	-.2977
Stddev	164.	2.8	.1940	112.	.131	.8275	2.097
%RSD	.27716	.06994	2.3720	.24224	.54920	9.4576	704.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19324-a-15-a Acquired: 1/3/2013 18:46:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.0828**	**1.1197**	**315.33**	**3.9514**	**33.706**	**56.899**	**44062.**
Stddev	1.3498	.1792	2.58	.5509	.199	.063	1042.
%RSD	64.807	16.005	.81739	13.942	.59100	.11002	2.3637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**2051.5**
Stddev	9.5
%RSD	.46469
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6051.7**	**4585.7**	**55834.**	**9944.4**
Stddev	10.0	6.1	118.	15.1
%RSD	.16532	.13390	.21103	.15207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	91.557%	97.506%	96.166%	100.65%
Range				

Sample Name: 240-19324-a-19-a Acquired: 1/3/2013 18:50:45 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.45463**	**5504.1**	**15.386**	**235.23**	**1703.5**	**-.29652**	**273240.**
Stddev	.37059	38.1	2.500	.37	1.3	.05363	1766.
%RSD	81.514	.69299	16.252	.15739	.07865	18.087	.64616
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6096**	**7.3795**	**7.3086**	**1.6318**	**28341.**	**9516.4**	**22.953**
Stddev	.1071	.2342	.0994	.5072	21.	20.7	.147
%RSD	17.57	3.1735	1.3603	31.080	.07549	.21737	.64241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**113170.**	**602.90**	**.21920**	**101560.**	**6.2776**	**1.7457**	**-.4225**
Stddev	213.	1.62	.10138	195.	.4163	.7861	.6772
%RSD	.18789	.26889	46.251	.19223	6.6317	45.030	160.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19324-a-19-a Acquired: 1/3/2013 18:50:45 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.2452**	**.98303**	**141.67**	**3.6792**	**11.299**	**17.421**	**33611.**
Stddev	1.9438	.40218	1.03	.8942	1.377	.145	146.
%RSD	156.11	40.912	.72675	24.303	12.186	.83446	.43316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**1163.5**
Stddev	10.2
%RSD	.87380
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5850.4**	**4416.1**	**53983.**	**9571.7**
Stddev	8.0	4.3	126.	20.0
%RSD	.13622	.09788	.23393	.20851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.511%	93.900%	92.978%	96.877%
Range				

Sample Name: CCV Acquired: 1/3/2013 18:54:42 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1016.8**	**24943.**	**515.64**	**5120.3**	**2000.1**	**2069.5**	**51079.**
Stddev	.1	6.	1.71	7.7	2.7	1.8	36.
%RSD	.01160	.02248	.33106	.15053	.13657	.08651	.07124
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**510.0**	**2008.3**	**2019.0**	**2034.4**	**25714.**	**48759.**	**5074.0**
Stddev	.8	1.9	3.1	3.5	19.	74.	5.4
%RSD	.1657	.09226	.15475	.17074	.07501	.15167	.10653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51216.**	**2059.4**	**2060.9**	**46875.**	**2003.7**	**500.74**	**502.5**
Stddev	39.	16.7	3.5	167.	1.8	2.18	1.7
%RSD	.07658	.81066	.17117	.35566	.08762	.43608	.3480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CCV Acquired: 1/3/2013 18:54:42 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

✓

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**504.18**	**4993.9**	**5281.2**	**1034.9**	**2016.9**	**2037.0**	F **5778.7**
Stddev	1.68	16.4	17.2	3.0	5.3	2.0	119.3
%RSD	.33234	.32937	.32614	.28534	.26437	.09758	2.0650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value							5000.0
Range							10.500%

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**5078.2**
Stddev	18.2
%RSD	.35830
Check ?	Chk Pass
Value	
Range	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6093.0**	**4521.4**	**54854.**	**9622.6**
Stddev	7.5	5.4	56.	5.9
%RSD	.12256	.11986	.10229	.06110

Sample Name: CCB Acquired: 1/3/2013 18:58:31 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.21958**	**9.3407**	**-.67576**	**27.694**	**.09522**	**.05781**	**7.7551**	**-.0152**
Stddev	.76888	2.8772	.31094	.500	.25697	.04560	2.0573	.0746
%RSD	350.16	30.803	46.013	1.8068	269.88	78.887	26.528	490.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.10615**	**-.18517**	**-.22077**	**1.8580**	**169.72**	**1.6059**	**2.6302**	**.04954**
Stddev	.18977	.17433	.39074	.7304	31.63	1.1212	24.308	.02618
%RSD	178.77	94.144	176.99	39.311	18.638	69.813	924.18	52.837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.66143**	**612.93**	**.05709**	**.10122**	**1.486**	**.65667**	**.37908**	**1.3032**
Stddev	.06296	10.49	.19211	.71142	.549	1.6451	.21943	.0690
%RSD	9.5183	1.7117	336.48	702.83	36.91	250.52	57.885	5.2952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 18:58:31 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.35841**	**-1.3810**	**.23230**	**92.898**	**2.1315**
Stddev	.15468	.8963	.07219	14.068	4.5174
%RSD	43.157	64.901	31.075	15.143	211.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6597.0**	**4665.4**	**57298.**	**9637.2**
Stddev	6.8	8.6	169.	17.0
%RSD	.10330	.18339	.29418	.17664

Sample Name: 240-19339-b-1-b Acquired: 1/3/2013 19:02:32 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.46760**	**27.407**	**1.3579**	**138.54**	**79.343**	**-.18352**	**89614.**	**.2638**
Stddev	.27568	7.579	1.0730	.98	.260	.03956	135.	.1754
%RSD	58.955	27.653	79.021	.70736	.32829	21.557	.15022	66.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.09031**	**.75816**	**-.56060**	**2955.0**	**2512.7**	**27.215**	**46646.**	**20.177**
Stddev	.18669	.29823	.33024	2.8	1.3	.481	195.	.126
%RSD	206.72	39.336	58.909	.09390	.04988	1.7661	.41863	.62526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123.15**	**15846.**	**.51359**	**-.63047**	**.3818**	**-.74209**	**.43245**	**-.22402**
Stddev	.31	43.	.21820	.21180	1.930	.76196	.41351	.05770
%RSD	.24957	.26834	42.484	33.594	505.7	102.68	95.621	25.756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19339-b-1-b Acquired: 1/3/2013 19:02:32 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2.0961**	**-1.7457**	**2.0777**	**8890.6**	**5672.4**
Stddev	.3179	1.4221	.0185	18.5	14.3
%RSD	15.166	81.460	.89045	.20842	.25278
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6310.0**	**4565.8**	**55875.**	**9689.0**
Stddev	14.4	11.9	198.	44.0
%RSD	.22760	.26053	.35422	.45364
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.464%	97.081%	96.237%	98.063%
Range				

Sample Name: 240-19339-b-2-b Acquired: 1/3/2013 19:06:23 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.36369**	**2.4235**	**1.8701**	**255.42**	**42.333**	**-.19962**	**100900.**
Stddev	.09483	7.5559	.7575	.81	.286	.03131	1084.
%RSD	26.074	311.77	**40.506**	.31832	.67614	15.686	1.0744
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3152**	**.97465**	**.92917**	**-.39105**	**2221.3**	**2793.9**	**27.310**
Stddev	.1390	.02124	.11369	.41719	5.9	26.6	1.249
%RSD	44.10	2.1791	12.235	106.69	.26480	.95101	4.5730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**43902.**	**15.214**	**108.62**	**24383.**	**1.4488**	**-.43014**	**.4406**
Stddev	42.	.103	.13	27.	1.3407	.46268	1.528
%RSD	.09535	.67717	.11537	.10968	92.540	107.56	346.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19339-b-2-b Acquired: 1/3/2013 19:06:23 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.50908**	**.57632**	**-1.3187**	**1.1960**	**.70471**	**1.2281**	**8341.6**
Stddev	1.0796	.24708	.1611	.3912	.92815	.5176	12.1
%RSD	212.07	42.872	12.217	32.710	131.71	42.147	.14451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**19451.**
Stddev	14.
%RSD	.07437
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6271.4**	**4547.9**	**55429.**	**9757.6**
Stddev	17.7	8.5	181.	44.8
%RSD	.28225	.18736	.32700	.45924
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.880%	96.702%	95.470%	98.758%
Range				

Sample Name: 240-19339-b-3-b Acquired: 1/3/2013 19:10:16 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.21463**	**858.03**	**1.3520**	**525.15**	**40.074**	**-.14524**	**96275.**	**.2212**
Stddev	.11981	3.34	1.5291	.79	.039	.01209	36.	.1430
%RSD	55.825	.38887	113.10	.15000	.09835	8.3263	.03719	64.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.58713**	**1.4680**	**-.39872**	**2334.0**	**3781.4**	**28.537**	**35622.**	**24.378**
Stddev	.26431	.3464	.23497	2.2	37.2	.294	119.	.093
%RSD	45.017	23.600	58.930	.09303	.98402	1.0294	.33388	.38090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**115.63**	**45983.**	**1.5989**	**-.56969**	**.7759**	**-.38241**	**.10246**	**11.028**
Stddev	.34	31.	.0309	1.9817	1.632	.94210	.14666	1.239
%RSD	.29615	.06810	1.9349	347.85	210.3	246.36	143.14	11.232
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19339-b-3-b Acquired: 1/3/2013 19:10:16 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2.0034**	**1.5787**	**2.3413**	**8389.6**	**20696.**
Stddev	.7289	.8734	.0087	19.8	29.
%RSD	36.382	55.323	.37236	.23570	.14224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6258.0**	**4534.4**	**55460.**	**9730.3**
Stddev	12.1	7.6	98.	20.1
%RSD	.19398	.16765	.17611	.20657
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.678%	96.414%	95.523%	98.482%
Range				

Sample Name: 240-19339-b-4-b Acquired: 1/3/2013 19:14:04 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.27846	25.422	1.9862	226.86	76.859	-.23706	105230.
Stddev	.11181	7.153	.3949	.24	.168	.05300	868.
%RSD	40.151	28.137	19.881	.10409	.21879	22.358	.82511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3042	.09281	1.0198	-.97710	2947.6	2731.8	24.405
Stddev	.1523	.03610	.0268	.43332	7.1	11.3	1.278
%RSD	50.07	38.893	2.6280	44.348	.23972	.41499	5.2376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44791.	11.453	102.37	22247.	.83992	-1.0402	.2089
Stddev	61.	.013	.08	46.	.36295	.8400	1.745
%RSD	.13514	.11719	.07748	.20787	43.213	80.755	835.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19339-b-4-b Acquired: 1/3/2013 19:14:04 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.54558**	**.30028**	**-1.3488**	**1.8595**	**-1.0329**	**1.2645**	**8378.6**
Stddev	.68953	.70894	.2151	.9882	.3047	.0891	12.6
%RSD	126.38	236.09	15.946	53.142	29.501	7.0457	.15015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**21948.**
Stddev	**47.**
%RSD	.21585
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6225.1**	**4511.9**	**55015.**	**9717.7**
Stddev	11.7	11.4	126.	16.8
%RSD	.18727	.25203	.22896	.17334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.180%	95.937%	94.756%	98.354%
Range				

Sample Name: 240-19339-b-5-a Acquired: 1/3/2013 19:18:02 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.28598**	**58.716**	**30.684**	**236.67**	**149.52**	**-.22873**	**99371.**	**.2976**
Stddev	.36627	11.675	.970	.46	.09	.07214	192.	.0673
%RSD	128.08	19.884	3.1618	.19319	.06086	31.542	.19337	22.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.23715**	**.91819**	**-.05334**	**2553.4**	**2728.3**	**25.917**	**39280.**	**99.268**
Stddev	.09891	.30276	.75441	5.9	4.3	1.559	50.	.326
%RSD	41.706	32.974	1414.3	.23162	.15617	6.0144	.12791	.32799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**114.25**	**30703.**	**1.6549**	**-.55630**	**.6302**	**.84281**	**.25217**	**-.38189**
Stddev	.12	33.	.1742	.45455	.4947	1.6474	.46109	.14702
%RSD	.10256	.10726	10.526	81.709	78.50	195.47	182.85	38.498
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19339-b-5-a Acquired: 1/3/2013 19:18:02 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2.0009**	**.49090**	4.**0170**	**9630.6**	**11371.**
Stddev	.1555	.70378	.0049	22.1	21.
%RSD	7.7715	143.37	.12161	.22919	.18507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6276.5**	**4558.8**	**55407.**	**9697.3**
Stddev	6.2	4.2	112.	52.9
%RSD	.09913	.09255	.20297	.54531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.958%	96.934%	95.431%	98.147%
Range				

Sample Name: 240-19339-b-6-a Acquired: 1/3/2013 19:21:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.17848**	**61.794**	**31.930**	**237.66**	**151.69**	**-.22936**	**100760.**
Stddev	.06691	11.318	2.091	.55	.30	.04547	104.
%RSD	37.490	18.316	6.5490	.23120	.19763	19.824	.10320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2940**	**.37057**	**.85947**	**-.26054**	**2580.3**	**2764.1**	**25.456**
Stddev	.1608	.06875	.13007	.32310	13.2	50.1	.515
%RSD	54.70	18.553	15.133	124.01	.51183	1.8124	2.0244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**39682.**	**99.275**	**115.63**	**31149.**	**1.6957**	**.19787**	**-1.320**
Stddev	122.	.072	.35	58.	.5041	.97779	.736
%RSD	.30645	.07287	.30315	.18514	29.729	494.16	55.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19339-b-6-a Acquired: 1/3/2013 19:21:52 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.43319**	**.49117**	**-.47901**	**2.0578**	**.30705**	**2.7392**	**9758.9**
Stddev	1.5991	.31346	.07274	.3261	1.6052	.0870	23.4
%RSD	369.15	63.819	15.185	15.846	522.79	3.1745	.24010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**11512.**
Stddev	8.
%RSD	.07290
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6260.0**	**4549.2**	**55620.**	**9704.8**
Stddev	10.2	6.5	43.	33.0
%RSD	.16356	.14212	.07662	.34037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.707%	96.730%	95.797%	98.223%
Range				

Sample Name: 240-19355-a-1-a Acquired: 1/3/2013 19:25:44 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.40818**	**-4.0798**	**6.1466**	**344.82**	**26.301**	**-.31419**	**155290.**
Stddev	.49984	12.047	.8322	.99	.173	.07556	2505.
%RSD	122.46	295.29	13.539	.28702	.65897	24.050	1.6131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3023**	**.70388**	**.72261**	**5.7620**	**1502.2**	**3039.4**	**.50154**
Stddev	.1010	.06470	.22203	.6145	3.4	6.0	.81955
%RSD	33.40	9.1915	30.726	10.664	.22323	.19704	163.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**56711.**	**189.16**	**31.385**	**46352.**	**2.6170**	**1.1305**	**1.502**
Stddev	129.	.35	.221	78.	.2126	.3356	2.203
%RSD	.22782	.18251	.70549	.16754	8.1247	29.687	146.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19355-a-1-a Acquired: 1/3/2013 19:25:44 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.0598**	**.44966**	**-.89905**	**2.6052**	**.01537**	**136.50**	**4935.6**
Stddev	.5674	.47557	.17857	.1772	.42868	.26	149.7
%RSD	53.543	105.76	19.862	6.8035	2788.8	.19106	3.0340
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**10364.**
Stddev	11.
%RSD	.10849
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6177.7**	**4490.7**	**54563.**	**9634.3**
Stddev	5.7	3.2	148.	25.4
%RSD	.09244	.07035	.27074	.26362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.462%	95.485%	93.977%	97.510%
Range				

Sample Name: 240-19355-a-2-a Acquired: 1/3/2013 19:29:42 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.09771**	**-8.9613**	**4.1631**	**337.78**	**24.087**	**-.31735**	**153320.**
Stddev	.34788	7.8709	.9426	.53	.213	.03099	1206.
%RSD	356.01	87.832	22.643	.15835	.88293	9.7667	.78636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3157**	**.88443**	**.82625**	**3.2101**	**877.20**	**2933.1**	**.45395**
Stddev	.0768	.30960	.05918	.2978	2.90	37.5	.58578
%RSD	24.34	35.005	7.1623	9.2779	.33084	1.2785	129.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**55539.**	**188.12**	**30.397**	**45577.**	**9.9667**	**-.86322**	**-.3918**
Stddev	191.	.34	.189	93.	.1847	.79639	1.054
%RSD	.34419	.18258	.62025	.20340	1.8533	92.258	269.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19355-a-2-a Acquired: 1/3/2013 19:29:42 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.26810**	**.14839**	**-.85670**	**2.8338**	**-.10334**	**22.790**	**5481.6**
Stddev	.50493	.44917	.20747	.5236	1.0990	.024	21.4
%RSD	188.34	302.70	24.217	18.475	1063.5	.10446	.38998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**10132.**
Stddev	28.
%RSD	.27379
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6185.3**	**4497.2**	**54518.**	**9638.9**
Stddev	2.4	2.7	73.	29.2
%RSD	.03802	.05911	.13336	.30339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.578%	95.623%	93.900%	97.557%
Range				

Sample Name: 240-19357-c-1-a Acquired: 1/3/2013 19:33:39 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.17864**	**29.828**	**1.4524**	**138.58**	**16.081**	**5.3377**	**300390.**
Stddev	.38956	12.119	.7613	.43	.279	.0670	2935.
%RSD	218.07	40.629	52.419	.31004	1.7366	1.2557	.97701
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4105**	**.32327**	**.98258**	**4.6945**	**59.980**	**2559.1**	**7.1938**
Stddev	.0954	.28133	.18749	.0912	1.003	40.2	.2362
%RSD	23.24	87.026	19.082	1.9429	1.6723	1.5693	3.2827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**276000.**	**1.7177**	**13.088**	**49322.**	**5.5205**	**-1.2257**	**-.7014**
Stddev	265.	.0195	.132	106.	.2606	.4322	.8970
%RSD	.09613	1.1362	1.0106	.21579	4.7207	35.260	127.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19357-c-1-a Acquired: 1/3/2013 19:33:39 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.8438**	**.82956**	**.00495**	**3.2193**	**-2.9954**	**2.8720**	**6222.3**
Stddev	.9630	.14786	.11350	.4934	1.5348	.0851	16.9
%RSD	52.227	17.824	2293.9	15.327	51.240	2.9639	.27082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**2712.5**
Stddev	8.0
%RSD	.29571
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5934.2**	**4369.8**	**53359.**	**9545.0**
Stddev	17.4	16.0	45.	30.6
%RSD	.29310	.36723	.08412	.32106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.779%	92.914%	91.904%	96.607%
Range				

Sample Name: 240-19357-c-2-a Acquired: 1/3/2013 19:37:39 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.23199	64.905	.96921	57.086	45.897	.16757	119480.
Stddev	.25913	4.359	.85650	.294	.111	.02408	345.
%RSD	111.70	6.7155	88.371	.51428	.24205	14.368	.28852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3365	.08799	.94595	3.9472	119.25	1401.1	-2.4176
Stddev	.0239	.04819	.15035	.5535	1.27	15.7	.4571
%RSD	7.110	54.762	15.894	14.022	1.0640	1.1226	18.906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71763.	6.3581	2.5299	20694.	1.6590	-1.2032	.8063
Stddev	79.	.0462	.0793	12.	.2967	.3346	.8631
%RSD	.11004	.72596	3.1350	.05726	17.882	27.812	107.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19357-c-2-a Acquired: 1/3/2013 19:37:39 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.4061**	**.47753**	**1.1392**	**2.6569**	**.63859**	**6.4880**	**5652.7**
Stddev	2.2654	.38704	.0901	.1732	1.1002	.1046	8.7
%RSD	94.153	81.051	7.9093	6.5177	172.28	1.6118	.15341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**1436.6**
Stddev	8.9
%RSD	.62020
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6259.7**	**4545.0**	**55369.**	**9745.5**
Stddev	16.7	8.8	74.	21.4
%RSD	.26757	.19398	.13342	.21970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.704%	96.641%	95.366%	98.636%
Range				

Sample Name: CCV Acquired: 1/3/2013 19:41:45 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1010.4**	**24828.**	**513.19**	**5079.6**	**1992.7**	**2058.3**	**50882.**	**507.7**
Stddev	1.3	4.	.39	7.7	2.2	4.1	69.	.8
%RSD	.12714	.01787	.07570	.15186	.10826	.19940	.13570	.1581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2000.3**	**1998.6**	**2014.2**	**25565.**	**48638.**	**5058.7**	**50979.**	**2042.1**
Stddev	.9	4.3	.9	60.	124.	6.4	176.	3.7
%RSD	.04630	.21274	.04252	.23593	.25588	.12611	.34575	.18204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2056.9**	**48752.**	**1998.0**	**500.26**	**500.3**	**498.61**	**4966.2**	**5185.0**
Stddev	3.0	72.	2.4	1.03	1.1	1.45	3.0	40.9
%RSD	.14616	.14669	.11841	.20658	.2161	.29095	.06034	.78897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 19:41:45 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1029.5**	**2009.9**	**2030.7**	**5420.8**	**5065.6**
Stddev	1.8	.4	3.0	89.4	16.7
%RSD	.17529	.01946	.15018	1.6484	.32881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6114.8**	**4534.1**	**55248.**	**9663.8**
Stddev	5.6	10.7	111.	45.0
%RSD	.09220	.23602	.20126	.46612

Sample Name: CCB Acquired: 1/3/2013 19:45:31 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.55609**	**-5.4587**	**-.60220**	**11.640**	**.19314**	**.00281**	**33.386**	**.0454**
Stddev	.38046	14.263	.93090	.493	.04017	.00402	1.215	.0290
%RSD	68.417	261.28	154.58	4.2335	20.797	143.06	3.6380	63.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.09355**	**-.12070**	**-.39795**	**2.1974**	**21.655**	**.49185**	**-5.8691**	**.09460**
Stddev	.26732	.32952	.28397	.5484	10.691	1.0984	13.823	.00845
%RSD	285.75	273.00	71.359	24.958	49.368	223.32	235.53	8.9343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.63922**	**191.63**	**.41763**	**-.36813**	**.9308**	**.86395**	**.60436**	**1.4438**
Stddev	.22549	8.06	.13533	.44780	1.186	.69103	.37715	.2005
%RSD	35.276	4.2078	32.403	121.64	127.5	79.985	62.404	13.885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 19:45:31 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.01540**	**-1.0849**	**.65407**	**21.911**	**.91074**
Stddev	.47549	1.3363	.04657	7.415	.91236
%RSD	3088.0	123.17	7.1195	33.842	100.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6665.8**	**4683.5**	**57531.**	**9691.5**
Stddev	.5	3.0	110.	25.0
%RSD	.00813	.06308	.19057	.25818

Sample Name: 240-18983-a-1-b Acquired: 1/3/2013 19:49:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.60612**	**37.154**	**18.558**	**4157.9**	**70.636**	**-.08216**
Stddev	.12531	10.300	1.040	5.4	.275	.05559
%RSD	20.674	27.722	5.6018	.12967	.38968	67.668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Ca3179	Cd2288	Co2286	Cr2677	Cu3273	Fe2599
IS Ref	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**55470.**	**.3157**	**10.166**	**26.992**	**298.29**	**5764.5**
Stddev	87.	.1140	.151	.230	1.07	13.1
%RSD	.15684	36.12	1.4844	.85070	.35813	.22752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**184580.**	**18.280**	**98032.**	**154.39**	**1.8494**	**F 508750.**
Stddev	263.	.623	86.	.18	.0305	2576.
%RSD	.14234	3.4081	.08782	.11922	1.6477	.50628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						500000.
Low Limit						-500000.

Sample Name: 240-18983-a-1-b Acquired: 1/3/2013 19:49:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**104.75**	**11.874**	**1.821**	**2.1370**	**4.4005**	**4.8109**
Stddev	.40	1.495	2.073	.8284	.3547	.2139
%RSD	.38159	12.587	113.8	38.765	8.0606	4.4451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**3.1152**	**14.438**	**41.002**	**14226.**	**412.58**
Stddev	.7639	1.763	.240	24.	1.17
%RSD	24.522	12.211	.58616	.16760	.28273
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5715.3**	**4364.5**	**52286.**	**9668.5**
Stddev	.2	1.2	46.	32.5
%RSD	.00393	.02767	.08858	.33642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.466%	92.803%	90.055%	97.856%
Range				

Sample Name: 240-19266-e-1-b Acquired: 1/3/2013 19:53:27 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.30993**	**35.065**	**2.0781**	**50.929**	**20.013**	**-.10475**	**26440.**	**-.0253**
Stddev	.28932	3.809	1.1855	.330	.270	.04089	33.	.1000
%RSD	93.351	10.863	57.047	.64858	1.3497	39.039	.12624	394.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.02768**	**.45034**	**-.02132**	**1466.1**	**954.66**	**1.4899**	**3227.4**	**15.534**
Stddev	.06713	.23578	.55541	2.6	31.03	.4948	11.9	.027
%RSD	242.52	52.355	2605.1	.17858	3.2501	33.213	.36916	.17408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.39392**	**7642.4**	**.77449**	**-.84825**	**2.035**	**.22289**	**-.23192**	**1.0956**
Stddev	.12430	8.0	.16967	1.3703	.883	1.1822	.28208	.2223
%RSD	31.554	.10435	21.908	161.54	43.39	530.39	121.63	20.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 240-19266-e-1-b Acquired: 1/3/2013 19:53:27 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.95894**	**1.1327**	**3.1417**	**163.65**	**52.923**
Stddev	.42053	1.2560	.0171	1.88	2.887
%RSD	43.854	110.89	.54381	1.1501	5.4551
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6625.7**	**4709.0**	**57720.**	**9962.3**
Stddev	12.9	6.7	149.	44.4
%RSD	.19467	.14239	.25814	.44544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.24%	100.13%	99.414%	100.83%
Range				

Sample Name: 240-19320-d-1-a Acquired: 1/3/2013 19:57:22 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment: High Int Std

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.00735	13764.	.06926	112.00	14.308	3.9959	240850.
Stddev	.09215	15.	.81493	.66	.084	.0530	2945.
%RSD	1254.0	.10616	1176.6	.58582	.58492	1.3267	1.2226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.781	362.52	4.2036	11.618	114.73	4596.9	315.92
Stddev	.098	.95	.2271	.479	1.28	18.8	.16
%RSD	5.507	.26129	5.4022	4.1254	1.1115	.40898	.05187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121100.	F 23189.	-1.2580	6854.2	814.68	2.2718	-1.760
Stddev	193.	293.	.1474	5.1	1.61	.4953	1.090
%RSD	.15933	1.2635	11.719	.07436	.19773	21.803	61.91
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		15000.					
Low Limit		-500000.					

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Sample Name: 240-19320-d-1-a Acquired: 1/3/2013 19:57:22 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.8787	.68086	6.9883	21.252	.14429	933.29	15495.
Stddev	.8861	.20436	.1043	.241	1.6698	2.46	443.
%RSD	15.073	30.014	1.4929	1.1361	1157.2	.26386	2.8580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	655.19
Stddev	2.80
%RSD	.42787
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5999.2	W 6156.9	75256.	W 13338.
Stddev	12.2	17.2	136.	52.
%RSD	.20410	.27915	.18033	.39300
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Warn
Value	90.762%	130.91%	129.62%	134.99%
Range		30.500%		30.500%

Sample Name: 240-19347-a-1-b Acquired: 1/3/2013 20:01:27 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.39517**	**978.18**	**5.8880**	**78.948**	**39.321**	**-.03834**	**27703.**
Stddev	.37818	5.80	.8884	.375	.381	.05071	82.
%RSD	95.701	.59318	15.089	.47453	.96885	132.28	.29723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2155**	**.92078**	**5.3706**	**104.99**	**1592.9**	**15344.**	**5.1855**
Stddev	.0719	.30830	.2195	.73	5.5	29.	1.3449
%RSD	33.37	33.483	4.0862	.69258	.34477	.19157	25.936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6016.3**	**54.827**	**7.6834**	**425360.**	**6.5682**	**3.1039**	**-.1336**
Stddev	18.7	.164	.1533	4468.	.2613	.6458	1.041
%RSD	.31145	.29824	1.9948	1.0503	3.9788	20.806	779.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19347-a-1-b Acquired: 1/3/2013 20:01:27 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.94061**	**8.7484**	**11.879**	**1.4851**	**1.3082**	**377.76**	**9331.4**
Stddev	1.1582	.2673	.144	.3994	1.7988	.10	25.3
%RSD	123.14	3.0560	1.2153	26.895	137.50	.02735	.27102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**44.744**
Stddev	1.867
%RSD	4.1726
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5926.7**	**4452.3**	**53112.**	**9697.2**
Stddev	2.9	8.2	170.	40.7
%RSD	.04955	.18474	.32064	.41944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.666%	94.669%	91.477%	98.146%
Range				

Sample Name: 240-19349-a-1-b Acquired: 1/3/2013 20:05:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.42628**	**1515.8**	**3.5527**	**143.62**	**53.142**	**-.07337**	**15563.**
Stddev	.29605	11.4	.6037	.68	.041	.05112	12.
%RSD	69.449	.75024	16.991	.47039	.07686	69.682	.07964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6231**	**1.2477**	**9.0505**	**282.31**	**7108.6**	**10347.**	**6.7293**
Stddev	.0734	.0274	.3190	1.02	7.6	13.	.9964
%RSD	11.78	2.1948	3.5252	.36159	.10708	.12105	14.808
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5662.3**	**93.968**	**19.489**	**414920.**	**13.548**	**6.9795**	**1.093**
Stddev	25.5	.099	.080	4772.	.052	.8609	1.062
%RSD	.45056	.10532	.41283	1.1500	.38251	12.334	97.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19349-a-1-b Acquired: 1/3/2013 20:05:29 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23.350**	**31.943**	**35.829**	**2.3602**	**3.0270**	**1159.2**	**7601.7**
Stddev	.734	.292	.183	.5898	1.3583	1.0	12.5
%RSD	3.1414	.91319	.51105	24.988	44.873	.08307	.16403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**30.160**
Stddev	4.411
%RSD	14.624
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6012.8**	**4515.7**	**54062.**	**9846.5**
Stddev	11.6	6.7	63.	50.7
%RSD	.19275	.14738	.11652	.51516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.967%	96.017%	93.115%	99.658%
Range				

Sample Name: 240-19356-a-2-b Acquired: 1/3/2013 20:09:28 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.05811**	**45.118**	**1.5344**	**18.758**	**3.9273**	**-.07973**	**8946.6**
Stddev	.19467	1.538	.8083	.254	.2813	.02412	4.3
%RSD	334.97	3.4077	52.679	1.3523	7.1621	30.252	.04751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0775**	**.19857**	**.51414**	**9.0058**	**172.85**	**1869.9**	**1.0415**
Stddev	.0726	.22381	.36568	.5054	1.20	24.9	1.1030
%RSD	93.70	112.71	71.126	5.6116	.69647	1.3341	105.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3342.8**	**6.1142**	**.66021**	**126030.**	**1.8818**	**.09267**	**1.031**
Stddev	12.2	.0446	.15888	688.	.2284	.34092	1.479
%RSD	.36502	.72967	24.065	.54558	12.135	367.90	143.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19356-a-2-b Acquired: 1/3/2013 20:09:28 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.51783**	**.15530**	**.71322**	**1.7989**	**-.29118**	**11.586**	**1607.3**
Stddev	1.8863	.04521	.10513	.6455	.58189	.016	7.0
%RSD	364.27	29.114	14.741	35.886	199.84	.14064	.43445
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**30.038**
Stddev	3.148
%RSD	10.479
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6334.1**	**4588.4**	**55294.**	**9598.0**
Stddev	14.8	10.2	95.	14.2
%RSD	.23419	.22227	.17262	.14809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.829%	97.563%	95.237%	97.143%
Range				

Sample Name: mb 240-70855/1-a Acquired: 1/3/2013 20:13:34 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.11525	.43203	.06128	3.7130	1.0801	-.06325	490.11	.0217
Stddev	.55328	3.5377	.30651	.0512	.1418	.06208	1.43	.0491
%RSD	480.05	818.87	500.17	1.3789	13.127	98.156	.29112	226.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.10285	.01796	.46913	9.7896	62.089	.94363	75.627	1.3257
Stddev	.06758	.12606	.50830	.4526	20.807	.72289	9.782	.0220
%RSD	65.713	701.80	108.35	4.6232	33.511	76.607	12.934	1.6601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.13822	360.20	.39551	-.50466	1.651	.40006	-.06517	.00758
Stddev	.10358	2.97	.16306	.88329	.937	.95756	.76363	.12331
%RSD	74.943	.82493	41.228	175.03	56.73	239.35	1171.8	1626.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: mb 240-70855/1-a Acquired: 1/3/2013 20:13:34 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.5730**	**.97322**	**3.9955**	**14.284**	**3.6734**
Stddev	.2176	2.1112	.0821	1.300	2.4514
%RSD	13.830	216.93	2.0553	9.0996	66.732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6725.6**	**4761.6**	**58335.**	**9972.2**
Stddev	4.1	3.5	106.	41.5
%RSD	.06074	.07257	.18170	.41605

Sample Name: lcs 240-70855/2-a Acquired: 1/3/2013 20:17:33 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**49.014**	**1888.0**	**1931.1**	**979.72**	**1885.3**	**47.123**	**48195.**	**48.76**
Stddev	.138	6.2	7.5	1.52	2.1	.136	67.	.19
%RSD	.28171	.33001	.39011	.15485	.11068	.28893	.13897	.3796
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**474.89**	**192.23**	**241.91**	**973.37**	**45634.**	**928.78**	**48192.**	**497.27**
Stddev	.88	.55	1.20	.87	57.	1.84	87.	2.01
%RSD	.18464	.28715	.49468	.08957	.12514	.19845	.18015	.40408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**958.93**	**46381.**	**478.35**	**470.98**	**478.7**	**1944.6**	**1855.5**	**992.45**
Stddev	3.21	29.	1.28	2.06	2.9	2.6	2.8	3.60
%RSD	.33474	.06173	.26702	.43709	.5977	.13474	.15112	.36275
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: lcs 240-70855/2-a Acquired: 1/3/2013 20:17:33 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1927.2**	**476.64**	**482.33**	**999.36**	**935.53**
Stddev	4.7	3.11	1.36	13.71	6.71
%RSD	.24432	.65256	.28287	1.3715	.71746
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6207.4**	**4553.5**	**55161.**	**9727.6**
Stddev	14.7	12.6	43.	27.2
%RSD	.23652	.27697	.07760	.27979

Sample Name: 240-19285-g-1-b Acquired: 1/3/2013 20:21:11 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.22707**	**99.750**	4.1142	1335.4	**182.06**	**-.31471**	**151300.**
Stddev	.13652	17.688	.5558	1.8	.12	.04210	571.
%RSD	60.120	17.733	13.509	.13839	.06434	13.376	.37770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3128**	**3.7219**	**6.3835**	**2.1981**	**16018.**	**55252.**	**20.149**
Stddev	.1015	.1243	.1373	.3605	31.	104.	.625
%RSD	32.46	3.3404	2.1515	16.402	.19109	.18894	3.0997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62913.**	**1062.6**	**.59421**	**244590.**	**17.498**	**2.2205**	**2.058**
Stddev	119.	2.7	.05052	839.	.592	1.3257	.496
%RSD	.18987	.25567	8.5026	.34321	3.3842	59.705	24.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19285-g-1-b Acquired: 1/3/2013 20:21:11 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.02875**	**1.4833**	**2.0375**	**3.2179**	**.94545**	**9.3191**	**10856.**
Stddev	1.0865	.5672	.0898	.9819	.69069	.0487	23.
%RSD	3779.7	38.240	4.4093	30.513	73.054	.52274	.21332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**697.91**
Stddev	3.02
%RSD	.43254
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5892.1**	**4398.7**	**53122.**	**9646.7**
Stddev	2.5	4.6	67.	30.7
%RSD	.04269	.10366	.12648	.31792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.142%	93.530%	91.495%	97.636%
Range				

Sample Name: SD 240-19285-g-1b@5 Acquired: 1/3/2013 20:25:19 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.62138**	**22.238**	**-.72888**	**268.81**	**37.559**	**-.08324**	**31918.**	**.0785**
Stddev	.67236	5.602	2.1280	.54	.043	.02869	15.	.0786
%RSD	108.20	25.193	291.96	.19989	.11443	34.465	.04660	100.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.80969**	**1.5469**	**.07444**	**3349.3**	**10921.**	**4.5087**	**13188.**	**220.53**
Stddev	.13027	.1722	.27737	6.5	23.	.8174	25.	.57
%RSD	16.089	11.133	372.63	.19267	.21161	18.129	.18757	.25811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.19804**	**52051.**	**4.3442**	**-.17352**	**.7583**	**.81859**	**.94632**	**.64625**
Stddev	.06974	11.	.3745	.65288	.2752	1.4262	.36252	.13306
%RSD	35.214	.02208	8.6199	376.25	36.30	174.22	38.308	20.589
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SD 240-19285-g-1b@5 Acquired: 1/3/2013 20:25:19 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.39599**	**-1.4078**	**2.9149**	**2234.6**	**147.98**
Stddev	.33842	.8853	.0729	9.0	3.61
%RSD	85.462	62.886	2.5019	.40300	2.4380
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6350.9**	**4577.1**	**55530.**	**9677.2**
Stddev	7.1	1.7	211.	31.5
%RSD	.11216	.03725	.38026	.32520
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	96.084%	97.324%	95.642%	97.944%
Range				

Sample Name: CCV Acquired: 1/3/2013 20:29:14 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1015.5**	**24983.**	**518.09**	**5104.7**	**1999.3**	**2061.8**	**51175.**	**511.5**
Stddev	2.0	36.	2.34	6.1	2.3	3.7	79.	1.2
%RSD	.20153	.14536	.45242	.12008	.11746	.18078	.15503	.2443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2012.6**	**2014.7**	**2024.1**	**25670.**	**49027.**	**5075.5**	**51266.**	**2058.5**
Stddev	1.9	.8	1.9	33.	35.	10.7	153.	1.7
%RSD	.09643	.03986	.09398	.12919	.07201	.21120	.29779	.08282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2063.7**	**49242.**	**2008.5**	**501.61**	**504.2**	**502.85**	**5004.0**	**5228.9**
Stddev	4.5	100.	3.2	3.63	2.1	.65	12.2	38.3
%RSD	.21734	.20208	.15839	.72415	.4171	.12899	.24472	.73266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 20:29:14 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1035.7**	**2026.1**	**2042.9**	**5405.2**	**5082.8**
Stddev	2.6	1.0	3.1	81.4	17.5
%RSD	.24932	.04920	.15294	1.5060	.34521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6095.4**	**4522.6**	**54932.**	**9520.5**
Stddev	10.4	9.3	46.	20.6
%RSD	.17112	.20645	.08303	.21672

Sample Name: CCB Acquired: 1/3/2013 20:33:00 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.33890**	**-.03830**	**-.38451**	**8.3012**	**.11582**	**.03349**	**33.409**	**.0685**
Stddev	.30342	10.111	.27841	.7271	.16212	.02670	1.167	.0859
%RSD	89.531	26403.	72.406	8.7593	139.98	79.719	3.4917	125.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.05761**	**.19473**	**-.64331**	**2.8946**	**27.063**	**.16662**	**-9.8770**	**.16181**
Stddev	.17121	.05185	.58758	1.4005	32.396	1.0344	6.1064	.00347
%RSD	297.19	26.624	91.336	48.382	119.71	620.80	61.824	2.1462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.87115**	**146.20**	**.32174**	**-.39024**	**1.722**	**-.49072**	**.67370**	**1.5543**
Stddev	.17848	.79	.11710	.75130	.417	.58283	.11069	.0418
%RSD	20.488	.53838	36.396	192.52	24.20	118.77	16.430	2.6869
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 20:33:00 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-.28028**	-1.7214	.70641	**18.712**	**-2.0160**
Stddev	.27354	.8882	.05152	2.139	2.3966
%RSD	97.597	51.596	7.2930	11.433	118.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6645.4**	**4676.5**	**57442.**	**9629.2**
Stddev	1.8	3.9	91.	45.0
%RSD	.02653	.08301	.15826	.46704

Sample Name: 240-19285-g-1-c ms Acquired: 1/3/2013 20:36:59 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.769**	**2329.7**	**2177.0**	**2509.2**	**2279.7**	**51.440**	**211090.**
Stddev	.222	4.9	5.2	1.7	2.6	.071	1600.
%RSD	.40600	.21145	.23845	.06609	.11404	.13869	.75796
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.55**	**533.76**	**214.79**	**273.14**	**18117.**	**110550.**	**1081.0**
Stddev	.13	.84	.63	1.50	43.	266.	2.1
%RSD	.2362	.15828	.29500	.54791	.23715	.24062	.19604
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119690.**	**1662.0**	**1063.6**	**310990.**	**547.99**	**506.17**	**532.4**
Stddev	307.	4.9	.9	540.	.76	.69	.9
%RSD	.25616	.29222	.08477	.17378	.13873	.13706	.1643
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19285-g-1-c ms Acquired: 1/3/2013 20:36:59 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2139.6**	**2070.9**	**1092.5**	**2095.5**	**527.75**	**535.98**	**12560.**
Stddev	4.6	2.4	3.0	3.5	4.63	.34	19.
%RSD	.21540	.11802	.27593	.16521	.87798	.06414	.15177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**1755.9**
Stddev	7.2
%RSD	.40928
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5684.7**	**4317.5**	**52200.**	**9586.9**
Stddev	4.0	2.4	151.	15.9
%RSD	.07111	.05559	.28981	.16582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.004%	91.803%	89.908%	97.031%
Range				

Sample Name: 240-19285-g-1-d msd Acquired: 1/3/2013 20:40:54 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.665**	**2336.6**	**2184.1**	**2535.4**	**2279.2**	**51.070**	**213190.**
Stddev	.253	13.5	1.1	3.1	1.5	.099	1646.
%RSD	.46273	.57785	.05088	.12282	.06588	.19469	.77204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.57**	**532.71**	**213.25**	**271.07**	**18408.**	**112240.**	**1078.3**
Stddev	.06	.14	.36	.22	17.	119.	2.8
%RSD	.1172	.02584	.17031	.07948	.09026	.10581	.26157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120540.**	**1669.7**	**1061.1**	**313110.**	**546.76**	**504.65**	**538.2**
Stddev	111.	2.1	2.0	1090.	.71	2.05	1.7
%RSD	.09192	.12858	.18861	.34797	.12900	.40680	.3184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19285-g-1-d msd Acquired: 1/3/2013 20:40:54 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2143.2**	**2057.1**	**1081.3**	**2087.7**	**524.98**	**534.13**	**12785.**
Stddev	2.8	2.7	1.2	4.4	2.80	.29	35.
%RSD	.13098	.13254	.10776	.20992	.53307	.05498	.27569
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**1759.6**
Stddev	8.0
%RSD	.45636
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5698.4**	**4320.5**	**52670.**	**9607.4**
Stddev	9.7	10.9	59.	11.5
%RSD	.17064	.25331	.11144	.12005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.211%	91.867%	90.718%	97.238%
Range				

Sample Name: 240-19353-a-8-a Acquired: 1/3/2013 20:44:49 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.43134**	**1388.6**	**.78411**	**1126.2**	**25.452**	**-.09746**	**40229.**
Stddev	.31515	6.6	1.5254	2.8	.177	.01280	35.
%RSD	73.064	.47667	194.54	.24914	.69522	13.137	.08780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1588**	**1.1904**	**.94676**	**25.789**	**1078.4**	**8361.4**	**2.9898**
Stddev	.0583	.3146	.25821	.271	2.0	38.6	.9470
%RSD	36.74	26.431	27.273	1.0497	.18703	.46159	31.676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10945.**	**124.24**	**51.896**	**147170.**	**4.2021**	**2.2800**	**4.759**
Stddev	16.	.27	.137	1851.	.1458	.8056	2.283
%RSD	.14219	.22010	.26374	1.2577	3.4703	35.332	47.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19353-a-8-a Acquired: 1/3/2013 20:44:49 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.36310**	**3.1919**	**1.5390**	**1.9961**	**.31416**	**75.515**	**964.76**
Stddev	1.0495	.0303	.0332	.5855	1.0222	.135	10.31
%RSD	289.03	.94906	2.1570	29.334	325.38	.17819	1.0690
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**585.44**
Stddev	5.53
%RSD	.94505
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6249.4**	**4597.9**	**55657.**	**9816.9**
Stddev	8.7	2.8	66.	27.4
%RSD	.13847	.06087	.11778	.27921
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.548%	97.766%	95.861%	99.358%
Range				

Sample Name: 240-19353-a-9-a Acquired: 1/3/2013 20:48:47 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.48570**	**1859.**4	**1.8842**	**1192.4**	**27.223**	**-.12157**	**41498.**
Stddev	.14452	10.2	1.2474	.9	.274	.06110	49.
%RSD	29.755	.54841	66.203	.07162	1.0064	50.259	.11890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2892**	**1.0383**	**1.2515**	**26.242**	**1389.0**	**8811.3**	**3.3113**
Stddev	.0698	.2297	.1691	.463	2.7	29.0	.9440
%RSD	24.14	22.119	13.513	1.7634	.19478	.32887	28.509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11312.**	**138.19**	**54.567**	**158040.**	**4.3349**	**3.5316**	**3.841**
Stddev	28.	.07	.112	480.	.4208	.2928	.929
%RSD	.24635	.05262	.20547	.30359	9.7070	8.2915	24.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19353-a-9-a Acquired: 1/3/2013 20:48:47 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.1150**	**5.2467**	**1.6373**	**1.4310**	**1.3602**	**88.503**	**1038.0**
Stddev	.9102	.2624	.0821	.2015	1.0856	.180	4.5
%RSD	81.629	5.0004	5.0149	14.084	79.814	.20307	.43636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**618.88**
Stddev	1.95
%RSD	.31493
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6226.5**	**4580.1**	**55234.**	**9846.9**
Stddev	3.9	3.2	159.	25.9
%RSD	.06192	.07019	.28851	.26305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	94.201%	97.386%	95.133%	99.661%
Range				

Sample Name: 240-19353-a-10-a Acquired: 1/3/2013 20:52:45 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.54238**	**939.37**	**1.6250**	**1407.3**	**29.107**	**-.08450**	**47043.**
Stddev	.22784	6.13	.8076	.8	.071	.01360	41.
%RSD	42.008	.65291	49.696	.05813	.24533	16.091	.08804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2867**	**1.3206**	**1.0432**	**21.790**	**739.94**	**10506.**	**4.6177**
Stddev	.1507	.0691	.0388	.499	2.63	17.	1.6406
%RSD	52.55	5.2310	3.7200	2.2888	.35562	.16325	35.529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12507.**	**159.75**	**65.494**	**182180.**	**5.3178**	**2.1445**	**2.839**
Stddev	46.	.70	.266	1951.	.2275	.7143	.369
%RSD	.36683	.44102	.40557	1.0711	4.2775	33.307	13.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 240-19353-a-10-a Acquired: 1/3/2013 20:52:45 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.63886**	**1.5554**	**1.1604**	**2.4507**	**-.22520**	**70.727**	**956.17**
Stddev	.54312	.3176	.0327	1.1363	.24404	.039	2.46
%RSD	85.014	20.418	2.8189	46.367	108.36	.05517	.25707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**735.70**
Stddev	2.75
%RSD	.37443
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6184.0**	**4568.4**	**55040.**	**9815.7**
Stddev	8.3	4.6	132.	18.3
%RSD	.13356	.09990	.23994	.18613
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	93.558%	97.138%	94.799%	99.346%
Range				

Sample Name: 450-8501-b-1-a Acquired: 1/3/2013 20:56:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.46953**	**34.045**	**.06183**	**43.802**	**77.416**	**-.17187**	**53694.**	**.1766**
Stddev	.14646	5.989	.79980	.264	.302	.02352	13.	.0783
%RSD	31.193	17.593	1293.5	.60186	.39018	13.685	.02461	44.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.03309**	**.96816**	**-.74968**	**54.438**	**2496.0**	**6.6201**	**39913.**	**6.5105**
Stddev	.27771	.13838	.27782	.858	18.4	.4081	56.	.0523
%RSD	839.26	14.294	37.058	1.5760	.73835	6.1652	.14093	.80354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.54880**	**13186.**	**.54853**	**-.68420**	**1.385**	**-.60048**	**.10407**	**.46437**
Stddev	.03456	18.	.22831	1.3084	1.650	.23881	.11359	.00880
%RSD	6.2981	.13551	41.622	191.23	119.1	39.771	109.14	1.8944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-1-a Acquired: 1/3/2013 20:56:43 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.3408**	**-.13668**	**.83074**	**3585.6**	**155.43**
Stddev	.4587	.77852	.04621	13.5	2.86
%RSD	34.213	569.59	5.5628	.37768	1.8416
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6396.5**	**4619.0**	**56359.**	**9733.5**
Stddev	13.1	9.3	39.	12.2
%RSD	.20440	.20159	.06868	.12543
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	96.773%	98.213%	97.070%	98.514%
Range				

Sample Name: 450-8501-b-2-a Acquired: 1/3/2013 21:00:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.33424**	**92.414**	**1.1311**	**24.893**	**68.513**	**-.28210**	**122870.**
Stddev	.18086	9.934	1.3568	.300	.053	.04105	1079.
%RSD	54.110	10.749	119.96	1.2056	.07720	14.552	.87812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2383**	**.25468**	**.92693**	**-.69755**	**165.69**	**1992.6**	**-.49552**
Stddev	.1240	.14085	.17545	.55259	1.69	15.3	.99010
%RSD	52.03	55.304	18.928	79.218	1.0220	.76622	199.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30095.**	**18.552**	**.99280**	**17028.**	**1.2028**	**-1.6272**	**-.2296**
Stddev	49.	.052	.15952	30.	.1402	.5534	.7775
%RSD	.16238	.27911	16.067	.17684	11.660	34.010	338.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 450-8501-b-2-a Acquired: 1/3/2013 21:00:40 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.46889**	**.49006**	**.96883**	**1.5961**	**-.14832**	**1.3664**	**3589.9**
Stddev	.38303	.37129	.22574	1.1943	1.8176	.0883	7.9
%RSD	81.688	75.765	23.300	74.822	1225.5	6.4594	.21935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**316.11**
Stddev	3.32
%RSD	1.0515
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6317.1**	**4591.5**	**55915.**	**9826.9**
Stddev	9.1	7.9	92.	19.3
%RSD	.14394	.17132	.16456	.19682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.572%	97.628%	96.307%	99.459%
Range				

Sample Name: 450-8501-b-4-a Acquired: 1/3/2013 21:04:45 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.00946**	**10.272**	**1.3213**	**16.264**	**128.11**	**-.24062**	**111500.**
Stddev	.12001	13.974	.3493	.211	.15	.03078	874.
%RSD	1268.2	136.04	26.432	1.2995	.12006	12.793	.78400
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1768**	**.00528**	**.84302**	**-.77039**	**23.728**	**2457.8**	**-3.4115**
Stddev	.1739	.11681	.04828	.78132	.869	28.4	1.1067
%RSD	98.32	2210.1	5.7269	101.42	3.6612	1.1554	32.440
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9262.6**	**3.3981**	**.42452**	**38827.**	**1.4257**	**-.59935**	**-.8466**
Stddev	25.9	.0720	.21133	78.	.0465	.66628	1.152
%RSD	.27980	2.1197	49.782	.20035	3.2640	111.17	136.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 450-8501-b-4-a Acquired: 1/3/2013 21:04:45 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.20728**	**.04542**	**.29980**	**1.8570**	**-.66360**	**1.6610**	**4292.0**
Stddev	2.0181	.08848	.20724	.2456	2.1881	.0933	12.6
%RSD	973.59	194.79	69.128	13.226	329.73	5.6176	.29396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**385.50**
Stddev	7.66
%RSD	1.9863
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6334.4**	**4581.6**	**56011.**	**9772.8**
Stddev	2.9	5.2	132.	19.7
%RSD	.04633	.11395	.23539	.20143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.833%	97.419%	96.471%	98.912%
Range				

Sample Name: 450-8501-b-5-a Acquired: 1/3/2013 21:08:51 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.72859**	**-.08103**	**-23.928**	**109.03**	**62.869**	**-.13409**	**33127.**	**2.188**
Stddev	.11717	17.285	16.895	58.08	.332	.05243	52.	1.234
%RSD	16.082	21332.	70.607	53.270	.52825	39.103	.15629	56.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.2042**	**.88725**	**-.54189**	**518.63**	**1015.7**	**-.39684**	**3447.6**	**464.23**
Stddev	5.4317	.32600	.23575	1.57	29.3	.70053	23.3	1.76
%RSD	59.013	36.742	43.504	.30298	2.8876	176.53	.67459	.37936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.6056**	**4222.7**	**2.1238**	**2.0842**	**-35.22**	**52.038**	**24.058**	**.09065**
Stddev	5.2024	11.0	.7416	1.9818	18.92	32.705	14.843	.16647
%RSD	60.453	.26119	34.919	95.089	53.73	62.848	61.698	183.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-5-a Acquired: 1/3/2013 21:08:51 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-2.2337**	**1.0594**	**14.737**	**3327.1**	**76.630**
Stddev	4.5867	.7594	7.586	6.0	.608
%RSD	205.34	71.685	51.479	.18103	.79308
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6030.3**	**4233.6**	**55583.**	**9809.0**
Stddev	82.4	70.3	907.	24.3
%RSD	1.3671	1.6609	1.6317	.24814
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	91.232%	90.019%	95.734%	99.279%
Range				

Sample Name: 450-8501-b-6-a Acquired: 1/3/2013 21:12:32 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.02526**	**14.876**	**1.3428**	**9.5493**	**60.337**	**-.18587**	**56533.**	**-.0169**
Stddev	.15054	5.617	.3352	.1961	.252	.07118	125.	.0397
%RSD	595.86	37.760	24.960	2.0532	.41807	38.297	.22191	235.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.05552**	**.62440**	**.12113**	**22.542**	**587.19**	**1.2273**	**3132.3**	**17.767**
Stddev	.17790	.33519	.35052	1.344	9.56	.4004	9.8	.112
%RSD	320.41	53.681	289.39	5.9646	1.6279	32.621	.31316	.63178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.29530**	**4608.9**	**.82462**	**-.60968**	**.9479**	**.59471**	**.12679**	**.28846**
Stddev	.05630	19.6	.50283	.68629	.0124	.50772	.17072	.17664
%RSD	19.066	.42445	60.977	112.57	1.308	85.372	134.65	61.236
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-6-a Acquired: 1/3/2013 21:12:32 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	1.5272	-.15490	1.9265	4721.4	71.228
Stddev	.9501	.43214	.0565	13.1	2.106
%RSD	62.212	278.99	2.9352	.27723	2.9568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6636.9	4713.8	57358.	9858.2
Stddev	19.6	12.5	153.	44.4
%RSD	.29493	.26508	.26682	.45004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.41%	100.23%	98.791%	99.776%
Range				

Sample Name: CCV Acquired: 1/3/2013 21:16:29 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1004.6**	**24774.**	**513.56**	**5054.6**	**1992.5**	**2061.5**	**51009.**	**504.3**
Stddev	3.3	232.	2.57	6.2	16.9	19.0	493.	1.2
%RSD	.32797	.93746	.50133	.12214	.84671	.92139	.96591	.2375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1991.5**	**1993.1**	**2001.7**	**25611.**	**48550.**	**5060.3**	**51099.**	**2018.3**
Stddev	5.1	7.7	6.7	251.	397.	46.8	492.	15.7
%RSD	.25455	.38428	.33278	.98020	.81716	.92574	.96289	.77774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2049.9**	**49350.**	**1990.0**	**497.23**	**496.3**	**497.27**	**4932.3**	**5174.4**
Stddev	5.6	444.	5.3	1.04	1.5	1.60	6.0	8.0
%RSD	.27511	.90035	.26549	.20848	.3036	.32220	.12221	.15546
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 21:16:29 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1026.2**	**2004.3**	**2027.2**	**5347.0**	**5073.5**
Stddev	3.6	19.1	4.0	35.7	56.5
%RSD	.35195	.95287	.19640	.66716	1.1136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6160.0**	**4567.7**	**55649.**	**9665.1**
Stddev	4.4	.8	258.	75.5
%RSD	.07148	.01720	.46414	.78166

Sample Name: CCB Acquired: 1/3/2013 21:20:22 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.25379**	**-3.6199**	**-.67572**	**7.1551**	**.22601**	**.04804**	**31.192**	**.0888**
Stddev	.43879	20.398	1.6376	.7165	.17128	.02224	3.502	.1211
%RSD	172.89	563.49	242.35	10.013	75.785	46.290	11.228	136.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.08408**	**.07470**	**-.13530**	**2.6666**	**21.019**	**1.0863**	**-10.611**	**.10696**
Stddev	.04734	.03548	.92440	1.3196	19.799	1.6177	6.659	.00779
%RSD	56.297	47.501	683.22	49.485	94.196	148.91	62.755	7.2877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.60362**	**86.100**	**.16997**	**-.54918**	**-.2074**	**.10597**	**.75177**	**1.2347**
Stddev	.05201	1.971	.22863	.53123	1.792	.69918	.54351	.1616
%RSD	8.6164	2.2894	134.51	96.733	863.8	659.78	72.297	13.090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 21:20:22 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**-1.0869**	**.99365**	**.68286**	**.40065**	**-.45015**
Stddev	.7849	3.3612	.08694	3.9682	2.6223
%RSD	72.213	338.27	12.732	990.44	582.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6680.5**	**4697.7**	**57505.**	**9662.5**
Stddev	12.7	9.7	65.	81.9
%RSD	.18960	.20735	.11224	.84719

Sample Name: 450-8501-b-7-a Acquired: 1/3/2013 21:24:23 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.36686	10.706	1.7495	11.632	50.433	-.07737	26214.	-.0050
Stddev	.17162	7.827	.3490	.136	.350	.00592	128.	.0093
%RSD	46.781	73.110	19.946	1.1694	.69360	7.6454	.48896	186.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.06182	.52599	-1.0444	12.480	514.19	1.9240	2892.4	49.432
Stddev	.07576	.24862	.2352	.039	17.28	1.4338	16.7	.063
%RSD	122.55	47.267	22.519	.31321	3.3608	74.523	.57787	.12694
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.19419	5722.6	.77465	-.11992	1.372	-.77418	.33239	.47511
Stddev	.09599	23.4	.27358	.52159	.959	.41568	.23143	.01834
%RSD	49.429	.40839	35.317	434.95	69.90	53.693	69.627	3.8599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-7-a Acquired: 1/3/2013 21:24:23 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.5048**	**1.0332**	**5.0534**	**5117.2**	**44.564**
Stddev	.3571	.3130	.0094	16.0	2.022
%RSD	23.730	30.291	.18633	.31194	4.5370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6660.6**	**4715.9**	**58019.**	**9956.5**
Stddev	46.5	31.2	91.	84.5
%RSD	.69796	.66163	.15711	.84852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.77%	100.27%	99.930%	100.77%
Range				

Sample Name: 450-8501-b-8-a Acquired: 1/3/2013 21:28:21 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.29480**	**-9.2360**	**1.1302**	**36.280**	**124.94**	**-.08520**	**50991.**	**.1435**
Stddev	.06122	4.7990	.4569	.203	.12	.02834	46.	.0329
%RSD	20.767	51.960	40.424	.56028	.09611	33.258	.08960	22.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.16266**	**.38116**	**-.62739**	**2.7734**	**3605.5**	**-3.4529**	**20427.**	**422.34**
Stddev	.10489	.29259	.39052	1.1026	11.9	.2852	20.	1.31
%RSD	64.487	76.764	62.245	39.756	.33053	8.2588	.09567	.31032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.2386**	**13215.**	**.91986**	**-.40631**	**-.2804**	**.16805**	**.27419**	**.34124**
Stddev	.0536	15.	.47808	1.2134	1.021	1.2159	.12248	.03557
%RSD	.85946	.11296	51.973	298.65	364.0	723.52	44.669	10.423
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-8-a Acquired: 1/3/2013 21:28:21 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.8614**	**.11313**	**.87818**	**5017.1**	**203.02**
Stddev	.3086	2.1688	.04762	9.0	2.06
%RSD	16.577	1917.0	5.4231	.17876	1.0158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6459.2**	**4642.4**	**56429.**	**9853.7**
Stddev	4.8	2.0	152.	29.5
%RSD	.07499	.04383	.26902	.29980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	97.721%	98.711%	97.191%	99.730%
Range				

Sample Name: 450-8501-b-9-a Acquired: 1/3/2013 21:32:15 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.03929**	**57.595**	**.87046**	**17.920**	**97.049**	**-.24076**	**106850.**
Stddev	.28048	13.006	.71277	.197	.223	.04037	351.
%RSD	713.82	22.581	81.884	1.0971	.22986	16.768	.32886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0275**	**-.02630**	**.89261**	**-.65517**	**61.180**	**1670.6**	**-1.3171**
Stddev	.0440	.12080	.15301	.63422	.327	27.4	.9719
%RSD	159.9	459.35	17.141	96.803	.53479	1.6384	73.795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10896.**	**13.645**	**.54475**	**19726.**	**1.0912**	**-.35742**	**.0278**
Stddev	6.	.064	.10068	40.	.4159	1.1398	.4905
%RSD	.05198	.46851	18.481	.20042	38.116	318.91	1767.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 450-8501-b-9-a Acquired: 1/3/2013 21:32:15 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.38755**	**.08292**	**.70433**	**1.7592**	**-1.4114**	**2.1025**	**5087.9**
Stddev	.74278	.31962	.28333	.4122	.9215	.1190	11.0
%RSD	191.66	385.46	40.227	23.431	65.289	5.6586	.21697
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**151.56**
Stddev	4.29
%RSD	2.8311
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6404.1**	**4610.6**	**56171.**	**9881.5**
Stddev	19.5	10.2	195.	46.3
%RSD	.30503	.22213	.34736	.46871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	96.888%	98.035%	96.747%	100.01%
Range				

Sample Name: 450-8501-b-10-a Acquired: 1/3/2013 21:36:19 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.32509**	**9.2888**	**1.1406**	**18.537**	**52.273**	**-.20908**	**67195.**	**.0371**
Stddev	.25824	10.786	1.5181	.165	.053	.06948	65.	.0701
%RSD	79.438	116.11	133.09	.88971	.10154	33.231	.09674	189.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.19419**	**.70201**	**-.64545**	**15.469**	**1609.4**	**-1.8473**	**5357.8**	**1.6666**
Stddev	.31550	.06846	.46689	1.333	20.6	1.5261	18.8	.0267
%RSD	162.47	9.7523	72.336	8.6163	1.2812	82.617	.35144	1.6022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.0649**	**6510.0**	**.77356**	**-.28964**	**.1933**	**-.07828**	**.16602**	**.43165**
Stddev	.2040	4.2	.20433	.87135	1.540	2.2323	.22726	.15590
%RSD	19.154	.06496	26.414	300.84	796.9	2851.8	136.89	36.118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-10-a Acquired: 1/3/2013 21:36:19 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.5901**	**.71572**	**1.8574**	**5343.6**	**88.510**
Stddev	.4993	1.2471	.0449	5.6	1.962
%RSD	31.400	174.25	2.4165	.10402	2.2167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6545.6**	**4667.4**	**56857.**	**9894.8**
Stddev	12.2	4.6	16.	33.5
%RSD	.18572	.09844	.02782	.33847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	99.029%	99.244%	97.928%	100.15%
Range				

Sample Name: 450-8501-b-11-a Acquired: 1/3/2013 21:40:14 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.35942**	**543.25**	3.1374	**12.366**	**211.05**	**-.26250**	**141690.**
Stddev	.25209	8.53	.6742	.332	.35	.02795	1251.
%RSD	70.137	1.5700	21.488	2.6807	.16356	10.646	.88260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1495**	**2.7386**	**1.8228**	**-.26892**	**740.74**	**1549.6**	**.46754**
Stddev	.0316	.0249	.0334	.24527	1.99	24.0	1.3176
%RSD	21.14	.90876	1.8308	91.206	.26910	1.5493	281.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17293.**	**3226.7**	**-.04196**	**7783.4**	**5.8200**	**-.09416**	**-.0857**
Stddev	19.	24.5	.15975	8.5	.1633	.86913	.5959
%RSD	.10938	.75906	380.69	.10896	2.8052	923.06	695.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 450-8501-b-11-a Acquired: 1/3/2013 21:40:14 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.79579**	**.14953**	**8.5287**	**2.4537**	**.82732**	**5.1149**	**6460.3**
Stddev	1.5021	.57121	.2671	.6618	1.4746	.0736	13.9
%RSD	188.75	382.01	3.1321	26.972	178.24	1.4380	.21549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**233.25**
Stddev	2.98
%RSD	1.2774
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6343.5**	**4604.9**	**55873.**	**9801.8**
Stddev	7.1	5.0	82.	23.0
%RSD	.11257	.10902	.14758	.23463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.970%	97.913%	96.234%	99.205%
Range				

Sample Name: 450-8501-b-12-a Acquired: 1/3/2013 21:44:25 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.10772**	**27.229**	**2.2239**	**8.9043**	**34.531**	**-.08542**	**14563.**	**.0078**
Stddev	.18087	3.653	1.3667	.1680	.139	.01348	27.	.0396
%RSD	167.90	13.415	61.457	1.8865	.40227	15.786	.18704	509.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.24361**	**.33483**	**.72161**	**63.104**	**1229.4**	**-2.1001**	**1762.4**	**32.446**
Stddev	.14110	.29026	.40074	.497	37.6	.2751	23.3	.066
%RSD	57.922	86.688	55.535	.78815	3.0603	13.101	1.3226	.20211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.16383**	**6552.9**	**.84412**	**-.68661**	**2.389**	**1.3912**	-.11721	**.45374**
Stddev	.20967	7.1	.05562	1.8581	.935	2.2211	.31427	.14434
%RSD	127.98	.10876	6.5887	270.62	39.13	159.65	268.13	31.812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-12-a Acquired: 1/3/2013 21:44:25 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.1627**	**-.12763**	**1.9245**	**775.26**	**29.939**
Stddev	.3897	1.2387	.0779	7.19	1.386
%RSD	33.512	970.56	4.0497	.92768	4.6298
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6661.9**	**4718.0**	**57667.**	**9838.9**
Stddev	5.0	2.2	45.	34.4
%RSD	.07478	.04620	.07780	.34972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.79%	100.32%	99.323%	99.581%
Range				

Sample Name: 450-8501-b-13-a Acquired: 1/3/2013 21:48:23 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.56402**	**1.5995**	**.24795**	**21.189**	**259.07**	**-.45068**	**206540.**
Stddev	.24598	4.9387	.63208	.072	.15	.03101	181.
%RSD	43.612	308.76	254.92	.34010	.05758	6.8817	.08753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2378**	**1.1979**	**.86014**	**-1.0027**	**24.772**	**2375.5**	**30.147**
Stddev	.0523	.0792	.16160	.1939	.403	5.4	.304
%RSD	21.99	6.6121	18.787	19.334	1.6281	.22893	1.0091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26339.**	**183.26**	**.82839**	**73697.**	**3.4321**	**-.67912**	**-.9143**
Stddev	58.	.27	.20219	16.	.2571	.87281	1.744
%RSD	.21973	.14519	24.408	.02134	7.4905	128.52	190.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 450-8501-b-13-a Acquired: 1/3/2013 21:48:23 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.3413**	**.44916**	**-.13501**	**2.2862**	**-1.4426**	**1.3372**	**3604.1**
Stddev	.9483	.32561	.05884	.4112	1.0859	.1192	9.6
%RSD	70.702	72.494	43.586	17.984	75.272	8.9104	.26691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**835.97**
Stddev	3.71
%RSD	.44320
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6085.6**	**4463.2**	**54302.**	**9662.2**
Stddev	2.2	2.4	34.	23.3
%RSD	.03697	.05381	.06262	.24072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	92.069%	94.902%	93.527%	97.792%
Range				

Sample Name: 450-8501-b-14-a Acquired: 1/3/2013 21:52:26 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.44839**	**6.2764**	**4.5491**	**15.285**	**701.37**	**-.20027**	**94650.**	**.2610**
Stddev	.39568	5.0499	1.1015	.020	.60	.02538	205.	.0453
%RSD	88.246	80.459	24.215	.13126	.08527	12.675	.21637	17.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.29080**	**1.7499**	**1.2721**	**13.139**	**9549.2**	**18.327**	**13022.**	**5.6367**
Stddev	.14200	.2412	.3607	.581	70.2	.455	36.	.0362
%RSD	48.832	13.782	28.352	4.4230	.73479	2.4834	.27982	.64176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.1424**	**59656.**	**1.9461**	**-.84212**	**.6700**	**.28232**	**.41507**	**-.13658**
Stddev	.1540	89.	.4277	.40406	2.903	1.3576	.06387	.09173
%RSD	13.481	.14996	21.976	47.981	433.3	480.88	15.388	67.164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-14-a Acquired: 1/3/2013 21:52:26 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**2.3069**	**-.33426**	**3.2032**	**1884.7**	**2884.3**
Stddev	.2686	.50363	.1063	7.6	12.4
%RSD	11.643	150.67	3.3178	.40122	.42894
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6289.3**	**4562.9**	**55562.**	**9735.1**
Stddev	11.7	3.1	218.	37.7
%RSD	.18652	.06844	.39151	.38727
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.151%	97.021%	95.699%	98.531%
Range				

Sample Name: 450-8501-b-15-a Acquired: 1/3/2013 21:56:20 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.10693**	**2310.3**	**4.0310**	**14.318**	**329.86**	**-.01417**	**40269.**	**.0688**
Stddev	.39146	8.4	1.9685	.408	.32	.04057	87.	.1486
%RSD	366.08	.36296	48.834	2.8528	.09627	286.27	.21709	216.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.1494**	**6.7499**	**2.2148**	**2459.7**	**2326.7**	**34.575**	**4704.7**	**81.002**
Stddev	.0537	.1833	.5382	**6.6**	51.6	.691	8.6	.075
%RSD	4.6719	2.7152	24.299	.26737	2.2194	1.9991	.18273	.09285
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.4503**	**35631.**	**2.9584**	**1.9632**	**1.395**	**-.72972**	**-.07260**	**42.424**
Stddev	.1998	20.	.0906	.8153	2.060	.93533	.11950	2.971
%RSD	13.777	.05492	3.0613	41.530	147.7	128.18	164.60	7.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-15-a Acquired: 1/3/2013 21:56:20 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1.7354**	**2.7490**	**10.209**	**4520.2**	**2719.0**
Stddev	.5316	.6881	.024	14.4	14.1
%RSD	30.630	25.029	.23096	.31889	.51792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6504.6**	**4683.9**	**56896.**	**9834.2**
Stddev	9.8	5.3	53.	39.3
%RSD	.15102	.11347	.09372	.39928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	98.408%	99.595%	97.996%	99.533%
Range				

Sample Name: 450-8501-b-16-a Acquired: 1/3/2013 22:00:12 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.09555**	**48.617**	**.26821**	**5.2993**	**11.515**	**-.05515**	**4355.9**	**-.0552**
Stddev	.14802	16.873	.22387	.2273	.149	.05438	10.9	.0564
%RSD	154.91	34.706	83.468	4.2901	1.2931	98.604	.25031	102.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.16362**	**.30477**	**-.03017**	**68.905**	**616.73**	**-.13510**	**679.38**	**7.5343**
Stddev	.05161	.07725	.43589	.668	30.07	.42534	4.42	.0375
%RSD	31.541	25.347	1444.9	.96967	4.8763	314.85	.65034	.49760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.14079**	**2880.1**	**.97516**	**-1.1659**	**-.0986**	**-.62538**	**.34706**	**.83126**
Stddev	.14564	16.4	.15865	1.2081	1.825	.98259	.30846	.09318
%RSD	103.44	.56863	16.269	103.62	1851.	157.12	88.878	11.209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: 450-8501-b-16-a Acquired: 1/3/2013 22:00:12 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.97674**	**-.15246**	**4.9321**	**858.35**	**22.188**
Stddev	.79050	.34639	.0620	1.78	2.102
%RSD	80.932	227.20	1.2579	.20752	9.4731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6755.3**	**4782.4**	**58287.**	**9955.6**
Stddev	2.8	3.2	192.	23.8
%RSD	.04184	.06726	.32941	.23946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	102.20%	101.69%	100.39%	100.76%
Range				

Sample Name: CCV Acquired: 1/3/2013 22:04:12 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1008.0**	**24797.**	**514.20**	**5088.6**	**1995.7**	**2055.3**	**50959.**	**507.3**
Stddev	1.7	11.	2.47	2.3	2.7	2.3	45.	**.5**
%RSD	.17173	.04446	.48023	.04468	.13472	.11354	.08832	.0939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2001.7**	**2006.6**	**2010.8**	**25520.**	**48801.**	**5042.6**	**50945.**	**2044.3**
Stddev	1.1	.9	4.5	24.	**75.**	3.0	24.	6.5
%RSD	.05410	.04647	.22324	.09557	.15420	.05988	.04714	.32024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2055.8**	**49398.**	**2000.5**	**501.62**	**501.1**	**500.80**	**4976.8**	**5229.9**
Stddev	5.7	83.	1.4	1.98	1.6	2.31	11.5	9.7
%RSD	.27578	.16715	.06971	.39492	.3264	.46215	.23027	.18585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 22:04:12 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1029.1**	**2007.1**	**2039.3**	**5278.7**	**5049.0**
Stddev	2.1	1.5	1.4	71.8	2.9
%RSD	.20195	.07707	.06652	1.3604	.05787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6128.5**	**4546.9**	**55320.**	**9649.0**
Stddev	2.6	5.6	55.	14.5
%RSD	.04258	.12400	.09918	.15068

Sample Name: CCB Acquired: 1/3/2013 22:08:02 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.32671	-3.9287	-1.2194	5.9329	.34312	.04543	29.764	.0495
Stddev	.25281	3.3814	.9310	.4784	.09627	.02012	2.473	.1709
%RSD	77.380	86.069	76.353	8.0643	28.058	44.277	8.3083	345.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.21009	-.01957	.02845	1.4699	36.987	-.76300	3.6299	.08448
Stddev	.10534	.12082	.49652	.5394	51.404	.48676	12.871	.02776
%RSD	50.138	617.29	1745.3	36.696	138.98	63.796	354.58	32.860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.57516	55.281	.21307	.39685	1.258	1.4068	.52596	1.0635
Stddev	.06241	10.283	.16011	.27154	2.232	2.2780	.22242	.0857
%RSD	10.850	18.601	75.144	68.423	177.4	161.93	42.288	8.0623
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 22:08:02 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.62158**	**-.62137**	**.64037**	**-.72542**	**1.5513**
Stddev	.80316	.41066	.08761	4.6860	4.3032
%RSD	129.21	66.089	13.680	645.96	277.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6701.0**	**4717.4**	**57900.**	**9669.0**
Stddev	5.4	1.9	86.	22.6
%RSD	.08023	.03944	.14814	.23423

Sample Name: 450-8501-b-17-a Acquired: 1/3/2013 22:12:02 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.30253**	**10.263**	**2.3575**	**41.814**	**3205.3**	**-.11939**	**75205.**
Stddev	.28071	5.569	1.1625	.282	2.8	.02499	46.
%RSD	92.787	54.260	49.311	.67416	.08745	20.929	.06173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Cd2288	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1458**	**-.01805**	**.73609**	**-.42318**	**28.930**	**2688.0**	**797.76**
Stddev	.1357	.23787	.13396	.36126	.384	9.8	1.64
%RSD	93.06	1317.9	18.199	85.368	1.3289	.36349	.20540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2175
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7328.9**	**281.02**	**.19114**	**223100.**	**1.8534**	**-.83009**	**2.475**
Stddev	17.3	.74	.16530	1877.	.1700	.39555	.719
%RSD	.23616	.26198	86.482	.84137	9.1720	47.652	29.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 450-8501-b-17-a Acquired: 1/3/2013 22:12:02 Type: Unk
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Se1960	Sn1899	Ti3372	Tl1908	V_2908	Zn2062	Si2516
IS Ref	(Y_2243)	(In2306)	(Y_3600)	(In2306)	(Y_3710)	(In2306)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.49170**	**-.24838**	**-.96908**	**2.3338**	**-.38345**	**1.5473**	**2773.0**
Stddev	1.9630	.28507	.05396	.5667	1.5480	.0687	9.2
%RSD	399.24	114.77	5.5684	24.284	403.69	4.4429	.33304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Sr3464
IS Ref	(Y_3710)
Units	ppb
Avg	**14168.**
Stddev	49.
%RSD	.34334
Check ?	Chk Pass
High Limit	
Low Limit	

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6093.3**	**4509.1**	**54254.**	**9718.6**
Stddev	15.0	11.2	103.	17.8
%RSD	.24597	.24803	.18901	.18329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	92.186%	95.877%	93.445%	98.364%
Range				

Sample Name: CCV Acquired: 1/3/2013 22:16:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1020.6**	**25006.**	**515.98**	**5122.5**	**2009.3**	**2065.6**	**51341.**	**511.1**
Stddev	4.5	61.	1.81	6.2	4.8	1.9	49.	1.0
%RSD	.44162	.24262	.35099	.12040	.23901	.09139	.09594	.1908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2015.5**	**2023.2**	**2030.6**	**25678.**	**49130.**	**5074.2**	**51236.**	**2062.6**
Stddev	2.9	5.0	6.9	57.	102.	4.0	93.	19.9
%RSD	.14348	.24761	.33903	.22249	.20696	.07876	.18134	.96596
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2066.0**	**49662.**	**2013.5**	**500.85**	**503.5**	**504.86**	**5027.6**	**5272.4**
Stddev	5.9	107.	3.4	1.02	1.3	2.10	8.2	22.5
%RSD	.28557	.21518	.17077	.20409	.2640	.41598	.16239	.42654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: CCV Acquired: 1/3/2013 22:16:06 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**1039.4**	**2018.9**	**2051.9**	**5302.4**	**5080.3**
Stddev	4.5	3.9	2.7	79.4	18.2
%RSD	.43209	.19232	.13303	1.4978	.35861
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6095.1**	**4529.3**	**54835.**	**9576.8**
Stddev	11.0	9.3	245.	25.5
%RSD	.18009	.20503	.44702	.26676

Sample Name: CCB Acquired: 1/3/2013 22:19:55 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Ag3280	Al3082	As1890	B_1826	Ba4554	Be3130	Ca3179	Cd2288
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.08266**	**15.982**	**1.0163**	**7.5540**	**.26858**	**.05395**	**32.197**	**.0006**
Stddev	.13848	5.132	.3919	.5663	.08448	.06941	1.436	.0852
%RSD	167.53	32.112	38.564	7.4973	31.455	128.66	4.4609	14220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2286	Cr2677	Cu3273	Fe2599	K_7664	Li6707	Mg2790	Mn2576
IS Ref	(In2306)	(Y_3600)	(Y_3600)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.02618**	**-.00017**	**-.31823**	**1.7830**	**-11.028**	**2.2538**	**-7.6436**	**.10808**
Stddev	.19534	.32798	.24899	.7571	6.707	.8746	18.594	.02427
%RSD	746.26	189720.	78.241	42.460	60.820	38.803	243.26	22.457
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2175	Se1960	Sn1899	Ti3372
IS Ref	(Y_2243)	(Y_3710)	(In2306)	(Y_2243)	(Y_2243)	(Y_2243)	(In2306)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.61425**	**57.453**	**.08475**	**-.91664**	**.9375**	**.24768**	**.57380**	**1.2231**
Stddev	.04334	8.025	.12426	1.0960	1.094	.73061	.11022	.0933
%RSD	7.0557	13.968	146.61	119.57	116.7	294.98	19.209	7.6309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 1/3/2013 22:19:55 Type: QC
Method: Standard Method + IEC Checks(v73) Mode: CONC Corr. Factor: 1.000000
User: Roger Method: 6010B/6010C Method: 200.7 :
Comment:

Elem	Tl1908	V_2908	Zn2062	Si2516	Sr3464
IS Ref	(In2306)	(Y_3710)	(In2306)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb
Avg	**.40301**	**.60945**	**.72112**	**1.6134**	**2.5091**
Stddev	.46876	1.2146	.19806	1.3763	4.1589
%RSD	116.32	199.29	27.466	85.304	165.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6671.0**	**4700.0**	**57241.**	**9621.9**
Stddev	9.2	6.4	166.	20.7
%RSD	.13832	.13645	.28987	.21530

MT6500BLKH20 22

Test America North Canton ICP Data Review Checklist

Run/Project Information:

Run Date: 1-3-13 Analyst: RMT Instrument: IS

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level?
1. Instrument calibrated per manufacturer's instructions (minimum 2 exposures/sample) and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits? (*ICV (2nd source)*:200.7=95 –105%, 6010B 90-110%) *(CCV: 90 – 110%)*	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRI run at SOP or project-specific frequency? Recovered within QC limits? (project specific limits may vary)	✓			✓
5. ICSA/ICSAB run at required frequency and within SOP limits?	✓			✓
B. 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. Was the internal standard(s) within acceptance criteria for all results reported?	✓			✓
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/MSD 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?	✓			✓
D. Other			WT 1-4-13	
1. Are all nonconformances documented appropriately?	✓		✓	✓
2. Current IDL/MDL/LR/IEC 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: Rayna Jolly Date: 1-3-13 Time: 11:25 - ~~13:53~~ 19T 1-4-13 14:21

Level I Analyst: Rayna Jolly Date: 1-4-13 Time: 14:25 - 22:19

Level I Analyst: _____ Date: _____ Time: _____

Level II Reviewer: Natalie J Jolly Date: 1-4-13 Time: 11:25 - 14:21

Level II Reviewer: Natalie J Jolly Date: 1-4-13 Time: 14:25 - 22:19

Level II Reviewer: _____ Date: _____ Time: _____

Comments: _____

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1 : 7471:

Run Date: 12/29/12 Analyst: DSH Instrument: 141

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?	28773		✓	
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: 12/31/12 Reviewed from 10:42 to 15:14

Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: Batch # 70694 DOD limits 12-19

Level II

Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

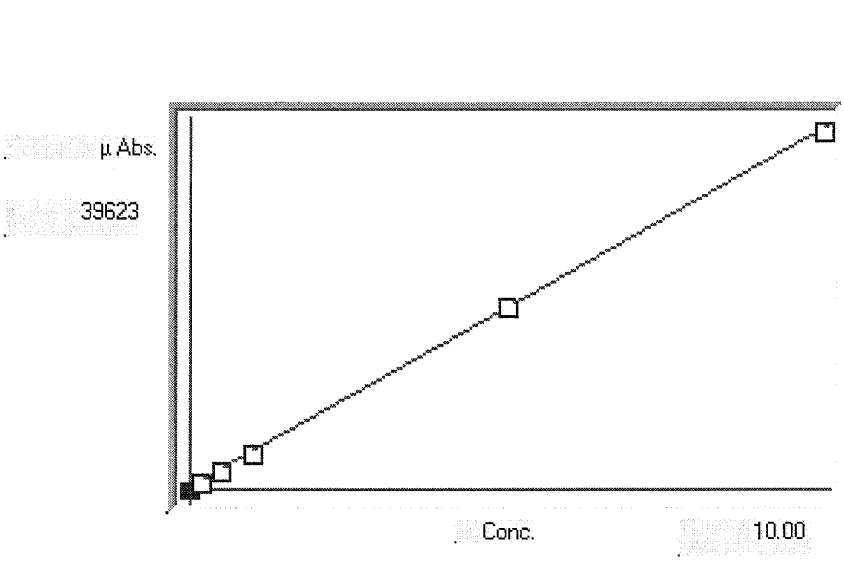
Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments _____

Curve Date 12/28/12 Curve Time 920 - 1120 DILUTION H20 08002

Revised 11/29/2012

Protocol: 1229AHG1



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0183	.0183	256	1	255				
02	.20000	.1904	-.0096	935	0%	935				
03	.50000	.4780	-.0220	2072	0%	2071				
04	1.0000	.9950	-.0050	4114	0%	4113				
05	5.0000	5.033	.0334	20065	0%	20064				
06	10.000	9.985	-.0151	39622	0%	39622				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		10:42:38 29 Dec 12			HG
Hg	.0000	ppb	255						
*** Standard: 2 Rep: 1				Seq: 2		10:44:11 29 Dec 12			HG
Hg	.2000	ppb	935						
*** Standard: 3 Rep: 1				Seq: 3		10:45:40 29 Dec 12			HG
Hg	.5000	ppb	2071						
*** Standard: 4 Rep: 1				Seq: 4		10:47:37 29 Dec 12			HG
Hg	1.000	ppb	4113						
*** Standard: 5 Rep: 1				Seq: 5		10:49:28 29 Dec 12			HG
Hg	5.000	ppb	20064						
*** Standard: 6 Rep: 1				Seq: 6		10:50:56 29 Dec 12			HG
Hg	10.00	ppb	39622						

*** Check Standard: 2 Ck2ICV				Seq: 7		10:52:14 29 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		93.04	2.326	2.500	ppb	.0000			

*** Check Standard: 3 Ck3ICB				Seq: 8		10:53:51 29 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		^^^^^^	-.0286	.0000	ppb	.0000			

*** Check Standard: 4 Ck4CRA\MRL				Seq: 9		10:55:12 29 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		91.67	.1833	.2000	ppb	.0000			

*** Check Standard: 6 Ck6CCV				Seq: 10		11:56:29 29 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		99.24	4.962	5.000	ppb	.0000			

*** Check Standard: 1 Ck1CCB				Seq: 11		11:57:53 29 Dec 12			HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		-.0237	.2000	ppb		.0000			

*** Sample ID:				Seq: 12		11:59:09 29 Dec 12			HG
				MB 240-70255/1-A					
Hg	.0008	ppb	.0000	.0008					
*** Sample ID:				Seq: 13		12:00:37 29 Dec 12			HG
				LCS 240-70255/2-A					
Hg	4.891	ppb	.0000	4.891					
*** Sample ID:				Seq: 14		12:02:15 29 Dec 12			HG
				240-19161-U-1-A					
Hg	.0127	ppb	.0000	.0127					
*** Sample ID:				Seq: 15		12:03:44 29 Dec 12			HG
				240-19161-U-1-B MS					
Hg	.9920	ppb	.0000	.9920					
*** Sample ID:				Seq: 16		12:05:15 29 Dec 12			HG
				240-19161-U-1-C MSD					
Hg	.9986	ppb	.0000	.9986					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 17	12:06:45 29 Dec 12	HG		
				240-18703-V-24-A				
Hg	-.0032	ppb	.0000	-.0032				
*** Sample ID:				Seq: 18	12:08:41 29 Dec 12	HG		
				240-18735-S-4-A				
Hg	-.0012	ppb	.0000	-.0012				
*** Sample ID:				Seq: 19	12:10:47 29 Dec 12	HG		
				240-18735-S-3-A				
Hg	-.0007	ppb	.0000	-.0007				
*** Sample ID:				Seq: 20	12:12:08 29 Dec 12	HG		
				cra				
Hg	.2165	ppb	.0000	.2165				
*** Sample ID:				Seq: 21	12:13:29 29 Dec 12	HG		
				LB 240-70426/1-D				
Hg	-.0081	ppb	.0000	-.0081				

*** Check Standard: 6 Ck6CCV Seq: 22 12:14:48 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.83	4.941	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 23 12:16:05 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0513	.2000	ppb	.0000

*** Sample ID:				Seq: 24	12:17:21 29 Dec 12	HG		
				MB 240-70482/2-A				
Hg	-.0096	ppb	.0000	-.0096				
*** Sample ID:				Seq: 25	12:19:07 29 Dec 12	HG		
				LCS 240-70482/3-A				
Hg	4.680	ppb	.0000	4.680				
*** Sample ID:				Seq: 26	12:20:33 29 Dec 12	HG		
				240-18972-Z-1-F				
Hg	.0056	ppb	.0000	.0056				
*** Sample ID:				Seq: 27	12:21:52 29 Dec 12	HG		
				240-18972-Z-1-G MS				
Hg	4.681	ppb	.0000	4.681				
*** Sample ID:				Seq: 28	12:23:32 29 Dec 12	HG		
				240-18972-Z-1-H MSD				
Hg	4.703	ppb	.0000	4.703				
*** Sample ID:				Seq: 29	12:24:58 29 Dec 12	HG		
				LB 240-70215/1-E				
Hg	.0028	ppb	.0000	.0028				
*** Sample ID:				Seq: 30	12:26:52 29 Dec 12	HG		
				MB 240-70288/2-A				
Hg	.0102	ppb	.0000	.0102				
*** Sample ID:				Seq: 31	12:28:08 29 Dec 12	HG		
				LCS 240-70288/3-A				
Hg	4.421	ppb	.0000	4.421				
*** Sample ID:				Seq: 32	12:30:39 29 Dec 12	HG		
				240-17699-A-1-F				
Hg	.0623	ppb	.0000	.0623				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 33	12:31:57 29 Dec 12	HG		
				240-17699-A-1-G MS				
Hg	5.069	ppb	.0000	5.069				
*** Check Standard: 6 Ck6CCV				Seq: 34	12:33:23 29 Dec 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.69	4.985	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 35	12:34:51 29 Dec 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0321	.2000	ppb	.0000			
*** Sample ID:				Seq: 36	12:36:09 29 Dec 12	HG		
				240-17699-A-1-H MSD				
Hg	5.153	ppb	.0000	5.153				
*** Sample ID:				Seq: 37	12:37:36 29 Dec 12	HG		
				240-19131-F-7-E				
Hg	-.0253	ppb	.0000	-.0253				
*** Sample ID:				Seq: 38	12:39:46 29 Dec 12	HG		
				240-19193-B-1-D				
Hg	-.0265	ppb	.0000	-.0265				
*** Sample ID:				Seq: 39	12:41:06 29 Dec 12	HG		
				240-19130-D-3-D				
Hg	.0125	ppb	.0000	.0125				
*** Sample ID:				Seq: 40	12:42:33 29 Dec 12	HG		
				240-19130-B-1-D				
Hg	.0261	ppb	.0000	.0261				
*** Sample ID:				Seq: 41	12:44:10 29 Dec 12	HG		
				240-19098-M-1-D				
Hg	.0689	ppb	.0000	.0689				
*** Sample ID:				Seq: 42	12:45:31 29 Dec 12	HG		
				240-19107-B-3-D				
Hg	-.0005	ppb	.0000	-.0005				
*** Sample ID:				Seq: 43	12:47:10 29 Dec 12	HG		
				240-19107-A-1-D				
Hg	.0193	ppb	.0000	.0193				
*** Sample ID:				Seq: 44	12:49:28 29 Dec 12	HG		
				240-19107-B-2-D				
Hg	-.0164	ppb	.0000	-.0164				
*** Sample ID:				Seq: 45	12:51:07 29 Dec 12	HG		
				240-19130-D-2-D				
Hg	-.0136	ppb	.0000	-.0136				
*** Check Standard: 6 Ck6CCV				Seq: 46	12:52:33 29 Dec 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.34	4.917	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 47	12:54:11 29 Dec 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0356	.2000	ppb	.0000			
*** Sample ID:				Seq: 48	12:55:49 29 Dec 12	HG		
				240-18887-B-1-E				
Hg	.0016	ppb	.0000	.0016				

Closing CRA flow 12/31/12 DSH

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 49	12:57:40 29 Dec 12	HG		
				LB 240-70416/1-D				
Hg	.0112	ppb	.0000	.0112				
*** Sample ID:				Seq: 50	12:59:01 29 Dec 12	HG		
				MB 240-70478/2-A				
Hg	-.0427	ppb	.0000	-.0427				
*** Sample ID:				Seq: 51	13:00:21 29 Dec 12	HG		
				LCS 240-70478/3-A				
Hg	4.530	ppb	.0000	4.530				
*** Sample ID:				Seq: 52	13:01:41 29 Dec 12	HG		
				240-18972-T-2-F				
Hg	29.26 H	ppb	.0000	29.26				
*** Sample ID:				Seq: 53	13:03:13 29 Dec 12	HG		
				240-18972-T-2-G MS				
Hg	27.55 H	ppb	.0000	27.55				
*** Sample ID:				Seq: 54	13:04:41 29 Dec 12	HG		
				240-18972-T-2-H MSD				
Hg	29.05 H	ppb	.0000	29.05				
*** Sample ID:				Seq: 55	13:06:20 29 Dec 12	HG		
				240-19119-A-2-E				
Hg	.1357	ppb	.0000	.1357				
*** Sample ID:				Seq: 56	13:07:40 29 Dec 12	HG		
				MB 240-70391/1-A				
Hg	.1347	ppb	.0000	.1347				
*** Sample ID:				Seq: 57	13:09:19 29 Dec 12	HG		
				LCS 240-70391/2-A				
Hg	4.633	ppb	.0000	4.633				

*** Check Standard: 6 Ck6CCV Seq: 58 13:10:38 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.85	4.993	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 59 13:12:07 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0109	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 60 13:14:44 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.34	4.917	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 61 13:16:11 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0152	.2000	ppb	.0000

*** Sample ID:				Seq: 62	13:17:27 29 Dec 12	HG		
				240-18839-X-3-A				
Hg	.0768	ppb	.0000	.0768				
*** Sample ID:				Seq: 63	13:18:46 29 Dec 12	HG		
				240-18839-X-3-B MS				
Hg	.9039	ppb	.0000	.9039				
*** Sample ID:				Seq: 64	13:20:02 29 Dec 12	HG		
				240-18839-X-3-C MSD				
Hg	.9368	ppb	.0000	.9368				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 65	13:21:51 29 Dec 12	HG		
				240-18839-Y-3-A				
Hg	.0347	ppb	.0000	.0347				
*** Sample ID:				Seq: 66	13:23:10 29 Dec 12	HG		
				240-18839-Y-3-C MSD				
Hg	.8267	ppb	.0000	.8267				
*** Sample ID:				Seq: 67	13:24:49 29 Dec 12	HG		
				240-18839-Y-3-B MS				
Hg	.8922	ppb	.0000	.8922				
*** Sample ID:				Seq: 68	13:26:49 29 Dec 12	HG		
				240-18839-C-4-A				
Hg	.0137	ppb	.0000	.0137				
*** Sample ID:				Seq: 69	13:28:07 29 Dec 12	HG		
				240-18764-G-9-B				
Hg	.0023	ppb	.0000	.0023				
*** Sample ID:				Seq: 70	13:29:46 29 Dec 12	HG		
				240-18764-D-5-B				
Hg	.0082	ppb	.0000	.0082				
*** Sample ID:				Seq: 71	13:31:06 29 Dec 12	HG		
				240-18839-D-4-A				
Hg	.0200	ppb	.0000	.0200				

*** Check Standard: 6 Ck6CCV Seq: 72 13:32:23 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.69	4.935	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 73 13:33:40 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0341	.2000	ppb	.0000

*** Sample ID:				Seq: 74	13:36:27 29 Dec 12	HG		
				240-18839-I-6-A				
Hg	-.0012	ppb	.0000	-.0012				
*** Sample ID:				Seq: 75	13:37:45 29 Dec 12	HG		
				240-19187-A-4-B				
Hg	.0259	ppb	.0000	.0259				
*** Sample ID:				Seq: 76	13:39:15 29 Dec 12	HG		
				240-18839-I-5-A				
Hg	.0249	ppb	.0000	.0249				
*** Sample ID:				Seq: 77	13:40:33 29 Dec 12	HG		
				240-18839-J-5-A				
Hg	-.0111	ppb	.0000	-.0111				
*** Sample ID:				Seq: 78	13:42:22 29 Dec 12	HG		
				240-18764-G-8-B				
Hg	.0008	ppb	.0000	.0008				
*** Sample ID:				Seq: 79	13:44:00 29 Dec 12	HG		
				240-18839-C-1-B				
Hg	.0064	ppb	.0000	.0064				
*** Sample ID:				Seq: 80	13:45:47 29 Dec 12	HG		
				240-19187-A-7-B				
Hg	.0775	ppb	.0000	.0775				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 81 13:47:06 29 Dec 12 HG
240-19187-A-2-B
Hg .0114 ppb .0000 .0114

*** Sample ID: Seq: 82 13:48:52 29 Dec 12 HG
240-19084-I-1-A
Hg -.0037 ppb .0000 -.0037

*** Sample ID: Seq: 83 13:50:09 29 Dec 12 HG
240-18839-D-2-B
Hg .0127 ppb .0000 .0127

*** Check Standard: 6 Ck6CCV Seq: 84 13:51:46 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.85	4.943	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 85 13:53:08 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0313	.2000	ppb	.0000

*** Sample ID: Seq: 86 13:54:54 29 Dec 12 HG
240-18764-D-10-B
Hg .0066 ppb .0000 .0066

*** Sample ID: Seq: 87 13:56:43 29 Dec 12 HG
240-18764-D-6-B
Hg .0071 ppb .0000 .0071

*** Sample ID: Seq: 88 13:58:05 29 Dec 12 HG
240-18839-J-6-A
Hg -.0050 ppb .0000 -.0050

*** Sample ID: Seq: 89 13:59:47 29 Dec 12 HG
240-18764-G-7-B
Hg .0132 ppb .0000 .0132

*** Sample ID: Seq: 90 14:01:18 29 Dec 12 HG
240-18972-T-2-F@5
10X Hg 15.54 H ppb .0000 15.54

*** Sample ID: Seq: 91 14:03:16 29 Dec 12 HG
240-18972-T-2-GMS@5
10X Hg 16.10 H ppb .0000 16.10

*** Sample ID: Seq: 92 14:04:46 29 Dec 12 HG
240-18972-T-2-HMSD@5
10X Hg 15.74 H ppb .0000 15.74

*** Sample ID: Seq: 93 14:06:02 29 Dec 12 HG
cra
Hg .1069 ppb .0000 .1069

*** Check Standard: 6 Ck6CCV Seq: 94 14:07:31 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.94	4.947	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 95 14:08:48 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0215	.2000	ppb	.0000

*** Check Standard: 6 Ck6CCV Seq: 96 14:10:21 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.23	4.961	5.000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 97 14:11:36 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0281	.2000	ppb	.0000

*** Sample ID: Seq: 98 14:13:24 29 Dec 12 HG
MB 240-70547/1-A

Hg	.0190	ppb	.0000	.0190

*** Sample ID: Seq: 99 14:14:38 29 Dec 12 HG
LCS 240-70547/2-A

Hg	5.576	ppb	.0000	5.576

*** Sample ID: Seq: 100 14:16:16 29 Dec 12 HG
240-18839-C-7-B

Hg	.0350	ppb	.0000	.0350

*** Sample ID: Seq: 101 14:17:36 29 Dec 12 HG
240-18839-C-7-C MS

Hg	1.022	ppb	.0000	1.022

*** Sample ID: Seq: 102 14:19:02 29 Dec 12 HG
240-18839-C-7-D MSD

Hg	.9892	ppb	.0000	.9892

*** Sample ID: Seq: 103 14:20:33 29 Dec 12 HG
240-18839-I-8-B

Hg	.0390	ppb	.0000	.0390

*** Sample ID: Seq: 104 14:21:49 29 Dec 12 HG
240-18839-J-8-B

Hg	.0079	ppb	.0000	.0079

*** Sample ID: Seq: 105 14:23:06 29 Dec 12 HG
240-19282-B-2-A

Hg	.0107	ppb	.0000	.0107

*** Sample ID: Seq: 106 14:24:22 29 Dec 12 HG
240-19084-I-3-A

Hg	.0454	ppb	.0000	.0454

*** Sample ID: Seq: 107 14:25:43 29 Dec 12 HG
240-19230-N-2-B

Hg	.0084	ppb	.0000	.0084

*** Check Standard: 6 Ck6CCV Seq: 108 14:27:03 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.71	4.985	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 109 14:29:00 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0096	.2000	ppb	.0000

*** Sample ID: Seq: 110 14:30:39 29 Dec 12 HG
240-19286-A-1-A

Hg	-.0075	ppb	.0000	-.0075

*** Sample ID: Seq: 111 14:32:02 29 Dec 12 HG
240-19230-N-4-B

Hg	-.0083	ppb	.0000	-.0083

*** Sample ID: Seq: 112 14:33:27 29 Dec 12 HG
240-19240-E-1-A

Hg	.0355	ppb	.0000	.0355

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 113		14:35:32 29 Dec 12			HG
				240-19230-N-1-B					
Hg	-.0167	ppb	.0000	-.0167					
*** Sample ID:				Seq: 114		14:37:09 29 Dec 12			HG
				240-19230-K-7-B					
Hg	-.0086	ppb	.0000	-.0086					
*** Sample ID:				Seq: 115		14:38:35 29 Dec 12			HG
				240-19084-I-6-A					
Hg	-.0070	ppb	.0000	-.0070					
*** Sample ID:				Seq: 116		14:40:15 29 Dec 12			HG
				240-19084-I-7-A					
Hg	.0026	ppb	.0000	.0026					
*** Sample ID:				Seq: 117		14:41:38 29 Dec 12			HG
				240-19230-K-8-B					
Hg	-.0050	ppb	.0000	-.0050					
*** Sample ID:				Seq: 118		14:42:58 29 Dec 12			HG
				240-19084-I-5-A					
Hg	.0023	ppb	.0000	.0023					
*** Sample ID:				Seq: 119		14:44:16 29 Dec 12			HG
				240-19230-N-3-B					
Hg	.0092	ppb	.0000	.0092					

*** Check Standard: 6 Ck6CCV Seq: 120 14:45:32 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.42	4.921	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 121 14:47:11 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0121	.2000	ppb	.0000

*** Sample ID:				Seq: 122		14:48:31 29 Dec 12			HG
				240-19246-A-1-A					
Hg	-.0022	ppb	.0000	-.0022					
*** Sample ID:				Seq: 123		14:49:58 29 Dec 12			HG
				240-18839-D-7-B					
Hg	-.0108	ppb	.0000	-.0108					
*** Sample ID:				Seq: 124		14:51:54 29 Dec 12			HG
				240-19084-I-2-A					
Hg	-.0053	ppb	.0000	-.0053					
*** Sample ID:				Seq: 125		14:53:12 29 Dec 12			HG
				240-19084-I-4-A					
Hg	-.0010	ppb	.0000	-.0010					
*** Sample ID:				Seq: 126		14:54:28 29 Dec 12			HG
				MB 240-70548/1-A					
Hg	-.0022	ppb	.0000	-.0022					
*** Sample ID:				Seq: 127		14:56:08 29 Dec 12			HG
				LCS 240-70548/2-A					
Hg	5.240	ppb	.0000	5.240					
*** Sample ID:				Seq: 128		14:57:29 29 Dec 12			HG
				240-19198-J-1-A					
Hg	-.0103	ppb	.0000	-.0103					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 129	14:58:44 29 Dec 12	HG		
				240-19198-J-1-B MS				
Hg	1.035	ppb	.0000	1.035				
*** Sample ID:				Seq: 130	15:00:47 29 Dec 12	HG		
				240-19198-J-1-C MSD				
Hg	1.053	ppb	.0000	1.053				
*** Sample ID:				Seq: 131	15:02:04 29 Dec 12	HG		
				240-18925-J-1-A				
Hg	-.0194	ppb	.0000	-.0194				

*** Check Standard: 6 Ck6CCV				Seq: 132	15:03:22 29 Dec 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.84	4.842	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB				Seq: 133	15:04:40 29 Dec 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.0108	.2000	ppb	.0000	

*** Sample ID:				Seq: 134	15:06:18 29 Dec 12	HG		
				240-19338-G-4-A				
Hg	.0011	ppb	.0000	.0011				
*** Sample ID:				Seq: 135	15:07:35 29 Dec 12	HG		
				240-18925-I-1-A				
Hg	.0036	ppb	.0000	.0036				
*** Sample ID:				Seq: 136	15:09:05 29 Dec 12	HG		
				240-19338-G-5-A				
Hg	.1793	ppb	.0000	.1793				
*** Sample ID:				Seq: 137	15:11:03 29 Dec 12	HG		
				240-19180-A-2-A				
Hg	.0140	ppb	.0000	.0140				
*** Sample ID:				Seq: 138	15:12:19 29 Dec 12	HG		
				240-19338-G-1-A				
Hg	-.0162	ppb	.0000	-.0162				
*** Sample ID:				Seq: 139	15:13:35 29 Dec 12	HG		
				240-19338-G-6-A				
Hg	.0140	ppb	.0000	.0140				
*** Sample ID:				Seq: 140	15:14:51 29 Dec 12	HG		
				240-19255-A-13-B				
Hg	-.0010	ppb	.0000	-.0010				
*** Sample ID:				Seq: 141	15:16:28 29 Dec 12	HG		
				240-19338-G-2-A				
Hg	-.0162	ppb	.0000	-.0162				
*** Sample ID:				Seq: 142	15:17:54 29 Dec 12	HG		
				240-19306-C-1-A				
Hg	.0897	ppb	.0000	.0897				
*** Sample ID:				Seq: 143	15:19:15 29 Dec 12	HG		
				240-19180-A-6-A				
Hg	.0076	ppb	.0000	.0076				

*** Check Standard: 6 Ck6CCV				Seq: 144	15:21:03 29 Dec 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.25	4.763	5.000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 145 15:22:32 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0407	.2000	ppb	.0000

*** Sample ID: Seq: 146 15:24:00 29 Dec 12 HG
240-19180-A-4-A

Hg	-.0045	ppb	.0000	-.0045	

*** Sample ID: Seq: 147 15:25:27 29 Dec 12 HG
240-19212-I-1-A

Hg	.0135	ppb	.0000	.0135	

*** Sample ID: Seq: 148 15:26:46 29 Dec 12 HG
240-18925-C-2-A

Hg	.0145	ppb	.0000	.0145	

*** Sample ID: Seq: 149 15:28:23 29 Dec 12 HG
240-18925-D-2-A

Hg	-.0032	ppb	.0000	-.0032	

*** Sample ID: Seq: 150 15:30:16 29 Dec 12 HG
240-19180-A-10-A

Hg	.0163	ppb	.0000	.0163	

*** Sample ID: Seq: 151 15:31:32 29 Dec 12 HG
240-19338-G-3-A

Hg	.0033	ppb	.0000	.0033	

*** Sample ID: Seq: 152 15:32:58 29 Dec 12 HG
240-19180-A-8-A

Hg	-.0151	ppb	.0000	-.0151	

*** Sample ID: Seq: 153 15:34:17 29 Dec 12 HG
240-18983-A-1-A

Hg	.0142	ppb	.0000	.0142	

*** Sample ID: Seq: 154 15:35:45 29 Dec 12 HG
240-18972-T-2-F@10

Hg	10.78 H	ppb	.0000	10.78	

20x

*** Sample ID: Seq: 155 15:37:03 29 Dec 12 HG
240-18972-T-2-GMS@10

Hg	11.11 H	ppb	.0000	11.11	

20x

*** Check Standard: 6 Ck6CCV Seq: 156 15:38:30 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.78	4.839	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 157 15:39:47 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0291	.2000	ppb	.0000

*** Sample ID: Seq: 158 15:41:47 29 Dec 12 HG
240-18972-T-2- MSD@1

Hg	10.98 H	ppb	.0000	10.98	

20x

*** Check Standard: 6 Ck6CCV Seq: 159 15:43:14 29 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.39	4.819	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 160 15:44:40 29 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0141	.2000	ppb	.0000

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: (7470A / 245.1 :) 7471:

Run Date: 12/20/12 Analyst: DSH Instrument: H4

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: 12/20/12 Reviewed from 9:06 to 15:06

Analyst: [signature] Date/Time: 12/24/12 Reviewed from 15:34 to 19:45

Comments: Batch# 69605 DOA LCS TCLP Lines 104 → 113

Level II

Reviewer: [signature] Date/Time: 12/20/12 Reviewed from 9:06 to 15:06

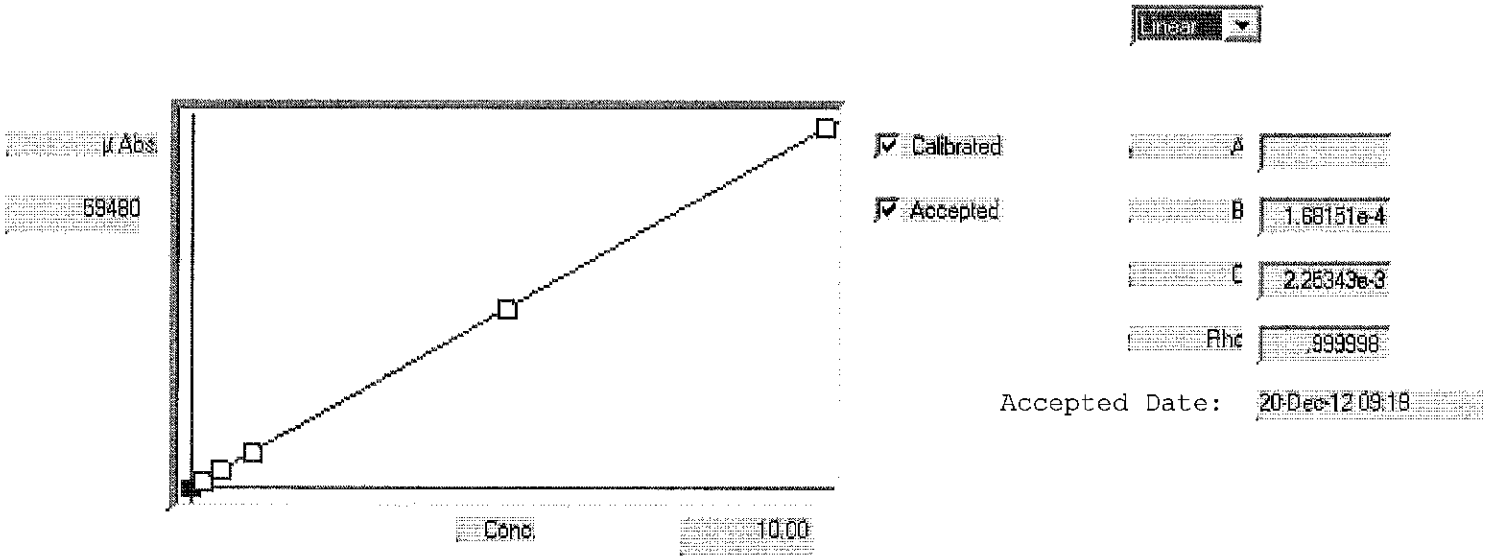
Reviewer: [signature] Date/Time: 12-24-12 Reviewed from 15:34 to 19:45

Comments

Curve Date 12/19/12 Curve Time 10:24-12:24P DILUTION H20 N/A

Revised 11/29/2012

Protocol: 1220AHG4



S	Conc	Calc	Dev	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0137	.0137	68	1	68				
02	.20000	.1931	-.0069	1135	0%	1135				
03	.50000	.5035	.0035	2982	0%	2981				
04	1.0000	.9922	-.0078	5888	0%	5887				
05	5.0000	4.994	-.0063	29685	0%	29684				
06	10.000	10.00	.0039	59480	0%	59480				
07										
08										
09										
10										

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		09:06:57 20 Dec 12			HG
Hg	.0000	ppb	68						
*** Standard: 2 Rep: 1				Seq: 2		09:09:00 20 Dec 12			HG
Hg	.2000	ppb	1135						
*** Standard: 3 Rep: 1				Seq: 3		09:11:03 20 Dec 12			HG
Hg	.5000	ppb	2981						
*** Standard: 4 Rep: 1				Seq: 4		09:12:53 20 Dec 12			HG
Hg	1.000	ppb	5887						
*** Standard: 5 Rep: 1				Seq: 5		09:15:56 20 Dec 12			HG
Hg	5.000	ppb	29684						
*** Standard: 6 Rep: 1				Seq: 6		09:18:01 20 Dec 12			HG
Hg	10.00	ppb	59480						

*** Check Standard: 2 Ck2ICV				Seq: 7		09:20:05 20 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		95.15	2.379	2.500	ppb	.0000			

*** Check Standard: 3 Ck3ICB				Seq: 8		09:22:06 20 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		^^^^^^	-.0072	.0000	ppb	.0000			

*** Check Standard: 4 Ck4CRA\MRL				Seq: 9		09:24:04 20 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		100.1	.2002	.2000	ppb	.0000			

*** Check Standard: 6 Ck6CCV				Seq: 10		11:26:39 20 Dec 12			HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		97.74	4.887	5.000	ppb	.0000			

*** Check Standard: 1 Ck1CCB				Seq: 11		11:29:18 20 Dec 12			HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		.0023	.6000	ppb		.0000			

*** Sample ID:				Seq: 12		11:31:25 20 Dec 12			HG
				mb 240-69453/1-a					
Hg	-.0025	ppb		.0000	-.0025				

*** Sample ID:				Seq: 13		11:33:38 20 Dec 12			HG
				lcs 240-69453/2-a					
Hg	4.151	ppb		.0000	4.151				

*** Sample ID:				Seq: 14		11:35:47 20 Dec 12			HG
				240-18338-b-1-c					
Hg	.0355	ppb		.0000	.0355				

*** Sample ID:				Seq: 15		11:38:56 20 Dec 12			HG
				240-18710-a-1-h@10					
Hg	-.0009	ppb		.0000	-.0009				

*** Sample ID:				Seq: 16		11:41:26 20 Dec 12			HG
				mb 240-69383/1-a					
Hg	-.0041	ppb		.0000	-.0041				

LCS FAILS 12/20/12 DSA

Rerun LCS

Rerun ST

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 17	11:43:26 20 Dec 12	HG		
				lcs 240-69383/2-a				
Hg	4.990	ppb	.0000	4.990				
*** Sample ID:				Seq: 18	11:45:45 20 Dec 12	HG		
				240-18827-o-3-b				
Hg	-.0056	ppb	.0000	-.0056				
*** Sample ID:				Seq: 19	11:47:35 20 Dec 12	HG		
				240-18827-o-3-c ms				
Hg	.9863	ppb	.0000	.9863				
*** Sample ID:				Seq: 20	11:49:26 20 Dec 12	HG		
				240-18827-o-3-d msd				
Hg	.9812	ppb	.0000	.9812				
*** Sample ID:				Seq: 21	11:51:49 20 Dec 12	HG		
				240-18827-o-7-b				
Hg	.0063	ppb	.0000	.0063				

*** Check Standard: 6 Ck6CCV Seq: 22 11:54:20 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.69	4.934	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 23 11:56:11 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0400	.6000	ppb	.0000

*** Sample ID:				Seq: 24	11:58:01 20 Dec 12	HG		
				240-18827-o-4-b				
Hg	.0058	ppb	.0000	.0058				
*** Sample ID:				Seq: 25	12:00:14 20 Dec 12	HG		
				240-18853-k-6-b				
Hg	.0113	ppb	.0000	.0113				
*** Sample ID:				Seq: 26	12:02:04 20 Dec 12	HG		
				240-18992-b-1-a				
Hg	.0071	ppb	.0000	.0071				
*** Sample ID:				Seq: 27	12:03:51 20 Dec 12	HG		
				240-18827-o-6-b				
Hg	.0058	ppb	.0000	.0058				
*** Sample ID:				Seq: 28	12:05:45 20 Dec 12	HG		
				240-18840-f-2-b				
Hg	.0155	ppb	.0000	.0155				
*** Sample ID:				Seq: 29	12:07:34 20 Dec 12	HG		
				240-18827-o-5-b				
Hg	.0056	ppb	.0000	.0056				
*** Sample ID:				Seq: 30	12:09:35 20 Dec 12	HG		
				240-18853-k-4-b				
Hg	.0083	ppb	.0000	.0083				
*** Sample ID:				Seq: 31	12:11:56 20 Dec 12	HG		
				240-18853-k-2-b				
Hg	.0110	ppb	.0000	.0110				
*** Sample ID:				Seq: 32	12:13:45 20 Dec 12	HG		
				240-18853-k-10-b				
Hg	.0091	ppb	.0000	.0091				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 33	12:15:34 20 Dec 12	HG		
				240-18853-k-9-b				
Hg	.0250	ppb	.0000	.0250				
*** Check Standard: 6 Ck6CCV				Seq: 34	12:17:25 20 Dec 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.2	5.012	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 35	12:19:24 20 Dec 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0139	.6000	ppb	.0000			
*** Sample ID:				Seq: 36	12:21:48 20 Dec 12	HG		
				240-18853-k-3-b				
Hg	.0172	ppb	.0000	.0172				
*** Sample ID:				Seq: 37	12:23:48 20 Dec 12	HG		
				240-18992-a-1-a				
Hg	.0053	ppb	.0000	.0053				
*** Sample ID:				Seq: 38	12:25:49 20 Dec 12	HG		
				240-18853-k-7-b				
Hg	.0090	ppb	.0000	.0090				
*** Sample ID:				Seq: 39	12:27:52 20 Dec 12	HG		
				240-18853-k-8-b				
Hg	.0117	ppb	.0000	.0117				
*** Sample ID:				Seq: 40	12:29:40 20 Dec 12	HG		
				240-18853-k-1-b				
Hg	.0107	ppb	.0000	.0107				
*** Sample ID:				Seq: 41	12:32:09 20 Dec 12	HG		
				240-18840-f-1-b				
Hg	.0584	ppb	.0000	.0584				
*** Sample ID:				Seq: 42	12:34:23 20 Dec 12	HG		
				240-18384-a-4-d				
Hg	.0098	ppb	.0000	.0098				
*** Sample ID:				Seq: 43	12:36:12 20 Dec 12	HG		
				240-18853-k-5-b				
Hg	.0329	ppb	.0000	.0329				
*** Sample ID:				Seq: 44	12:38:12 20 Dec 12	HG		
				mb 240-69286/1-a				
Hg	.0174	ppb	.0000	.0174				
*** Sample ID:				Seq: 45	12:40:03 20 Dec 12	HG		
				lcs 240-69286/2-a				
Hg	5.085	ppb	.0000	5.085				
*** Check Standard: 6 Ck6CCV				Seq: 46	12:41:54 20 Dec 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.1	5.005	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 47	12:44:14 20 Dec 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0008	.6000	ppb	.0000			
*** Sample ID:				Seq: 48	12:46:04 20 Dec 12	HG		
				240-18597-a-42-b				
Hg	.0007	ppb	.0000	.0007				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 49	12:47:57 20 Dec 12	HG		
				240-18597-a-42-c ms				
Hg	1.009	ppb	.0000	1.009				
*** Sample ID:				Seq: 50	12:50:47 20 Dec 12	HG		
				240-18597-a-42-d msd				
Hg	1.025	ppb	.0000	1.025				
*** Sample ID:				Seq: 51	12:52:46 20 Dec 12	HG		
				240-18596-a-8-c				
Hg	.7287	ppb	.0000	.7287				
*** Sample ID:				Seq: 52	12:54:39 20 Dec 12	HG		
				240-18596-a-6-c				
Hg	.0102	ppb	.0000	.0102				
*** Sample ID:				Seq: 53	12:56:28 20 Dec 12	HG		
				240-18596-a-9-c				
Hg	.2733	ppb	.0000	.2733				
*** Sample ID:				Seq: 54	12:58:17 20 Dec 12	HG		
				240-18596-a-5-c				
Hg	.0068	ppb	.0000	.0068				
*** Sample ID:				Seq: 55	13:00:08 20 Dec 12	HG		
				240-18476-e-8-c				
Hg	.0081	ppb	.0000	.0081				
*** Sample ID:				Seq: 56	13:01:57 20 Dec 12	HG		
				240-18626-b-1-c				
Hg	.0086	ppb	.0000	.0086				
*** Sample ID:				Seq: 57	13:04:18 20 Dec 12	HG		
				240-18596-a-7-c				
Hg	.0717	ppb	.0000	.0717				

*** Check Standard: 6 Ck6CCV Seq: 58 13:06:30 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.91	4.996	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 59 13:08:32 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0004	.6000	ppb	.0000

*** Sample ID:				Seq: 60	13:10:25 20 Dec 12	HG		
				240-18596-a-2-c				
Hg	.0140	ppb	.0000	.0140				
*** Sample ID:				Seq: 61	13:12:17 20 Dec 12	HG		
				240-18630-b-1-c				
Hg	.1326	ppb	.0000	.1326				
*** Sample ID:				Seq: 62	13:14:32 20 Dec 12	HG		
				240-18596-a-3-c				
Hg	.5001	ppb	.0000	.5001				
*** Sample ID:				Seq: 63	13:16:47 20 Dec 12	HG		
				240-18596-a-1-e				
Hg	.0095	ppb	.0000	.0095				
*** Sample ID:				Seq: 64	13:18:39 20 Dec 12	HG		
				240-18629-d-1-c				
Hg	.1978	ppb	.0000	.1978				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 65		13:21:02 20 Dec 12		HG
				240-18596-a-10-c				
Hg	1.634	ppb	.0000	1.634				
*** Sample ID:				Seq: 66		13:23:12 20 Dec 12		HG
				240-18607-a-2-c				
Hg	.0097	ppb	.0000	.0097				
*** Sample ID:				Seq: 67		13:25:03 20 Dec 12		HG
				240-18596-a-4-c				
Hg	.0273	ppb	.0000	.0273				
*** Sample ID:				Seq: 68		13:26:52 20 Dec 12		HG
				240-18607-a-3-c				
Hg	.0085	ppb	.0000	.0085				
*** Sample ID:				Seq: 69		13:28:53 20 Dec 12		HG
				240-18476-e-9-c				
Hg	.0172	ppb	.0000	.0172				
*** Check Standard: 6 Ck6CCV				Seq: 70		13:31:04 20 Dec 12		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.3	5.016	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 71		13:33:02 20 Dec 12		HG
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.0134	.6000	ppb		.0000		
*** Sample ID:				Seq: 72		13:34:52 20 Dec 12		HG
				240-18607-a-1-e				
Hg	.0117	ppb	.0000	.0117				
*** Sample ID:				Seq: 73		13:36:45 20 Dec 12		HG
				240-18596-a-11-c				
Hg	.0066	ppb	.0000	.0066				
*** Sample ID:				Seq: 74		13:38:35 20 Dec 12		HG
				mb 240-69341/1-a				
Hg	.0144	ppb	.0000	.0144				
*** Sample ID:				Seq: 75		13:40:41 20 Dec 12		HG
				lcs 240-69341/2-a				
Hg	4.455	ppb	.0000	4.455				
*** Sample ID:				Seq: 76		13:42:41 20 Dec 12		HG
				240-18927-r-39-d				
Hg	-.0067	ppb	.0000	-.0067				
*** Sample ID:				Seq: 77		13:44:32 20 Dec 12		HG
				240-18927-r-39-e ms				
Hg	.9294	ppb	.0000	.9294				
*** Sample ID:				Seq: 78		13:46:22 20 Dec 12		HG
				240-18927-r-39-f msd				
Hg	.9417	ppb	.0000	.9417				
*** Sample ID:				Seq: 79		13:48:42 20 Dec 12		HG
				240-18927-d-34-b				
Hg	.0088	ppb	.0000	.0088				
*** Sample ID:				Seq: 80		13:50:31 20 Dec 12		HG
				240-18927-d-32-b				
Hg	0162	ppb	.0000	.0162				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 81	13:52:22 20 Dec 12	HG		
				240-18927-d-47-b				
Hg	.0202	ppb	.0000	.0202				

*** Check Standard: 6 Ck6CCV Seq: 82 13:54:27 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.46	4.973	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 83 13:56:21 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0240	.6000	ppb	.0000

*** Sample ID:				Seq: 84	13:58:21 20 Dec 12	HG		
				240-18927-d-26-b				
Hg	.0542	ppb	.0000	.0542				
*** Sample ID:				Seq: 85	14:00:21 20 Dec 12	HG		
				240-18927-d-59-b				
Hg	.0060	ppb	.0000	.0060				
*** Sample ID:				Seq: 86	14:02:16 20 Dec 12	HG		
				240-18927-d-43-b				
Hg	.0086	ppb	.0000	.0086				
*** Sample ID:				Seq: 87	14:04:45 20 Dec 12	HG		
				240-18927-d-19-b				
Hg	.0189	ppb	.0000	.0189				
*** Sample ID:				Seq: 88	14:06:52 20 Dec 12	HG		
				240-18927-d-35-b				
Hg	.0103	ppb	.0000	.0103				
*** Sample ID:				Seq: 89	14:08:42 20 Dec 12	HG		
				240-18927-d-49-b				
Hg	.0139	ppb	.0000	.0139				
*** Sample ID:				Seq: 90	14:10:35 20 Dec 12	HG		
				240-18927-d-41-b				
Hg	.0108	ppb	.0000	.0108				
*** Sample ID:				Seq: 91	14:12:40 20 Dec 12	HG		
				240-18927-d-51-b				
Hg	.0113	ppb	.0000	.0113				
*** Sample ID:				Seq: 92	14:14:32 20 Dec 12	HG		
				240-18927-d-45-b				
Hg	.0070	ppb	.0000	.0070				
*** Sample ID:				Seq: 93	14:17:22 20 Dec 12	HG		
				240-18927-d-24-b				
Hg	.0643	ppb	.0000	.0643				

*** Check Standard: 6 Ck6CCV Seq: 94 14:22:05 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.92	4.996	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 95 14:24:47 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0023	.6000	ppb	.0000

*** Sample ID:				Seq: 96	14:27:07 20 Dec 12	HG		
				240-18927-d-37-b				
Hg	.0081	ppb	.0000	.0081				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:					Seq: 97	14:29:09 20 Dec 12		HG
					240-18927-d-53-b			
Hg	0076	ppb	.0000		.0076			
*** Sample ID:					Seq: 98	14:31:04 20 Dec 12		HG
					240-18927-a-21-b			
Hg	.0144	ppb	.0000		.0144			
*** Sample ID:					Seq: 99	14:33:48 20 Dec 12		HG
					240-18927-d-57-b			
Hg	.0127	ppb	.0000		.0127			
*** Sample ID:					Seq: 100	14:35:39 20 Dec 12		HG
					240-18927-d-30-b			
Hg	.0784	ppb	.0000		.0784			
*** Sample ID:					Seq: 101	14:37:29 20 Dec 12		HG
					240-18927-d-55-b			
Hg	.0091	ppb	.0000		.0091			
*** Sample ID:					~~Seq: 102~~	14:39:36 20 Dec 12		HG
					lcs 240-69453/2-a			
Hg	4.181	ppb	.0000		4.181			
*** Sample ID:					Seq: 103	14:41:28 20 Dec 12		HG
					240-18710-a-1-h			
Hg	-.0260	ppb	.0000		-.0260			
*** Sample ID:					Seq: 104	14:43:53 20 Dec 12		HG
					lb 240-69294/1-e			
Hg	.0224	ppb	.0000		.0224			
*** Sample ID:					Seq: 105	14:45:49 20 Dec 12		HG
					mb 240-69409/2-a			
Hg	.0102	ppb	.0000		.0102			

*** Check Standard: 6 Ck6CCV Seq: 106 14:48:14 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.4	5.018	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 107 14:50:03 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0393	.6000	ppb	.0000

*** Sample ID:					Seq: 108	14:52:14 20 Dec 12		HG
					lcs 240-69409/3-a			
Hg	5.785	ppb	.0000		5.785			
*** Sample ID:					Seq: 109	14:54:10 20 Dec 12		HG
					240-18735-c-5-g			
Hg	-.0120	ppb	.0000		-.0120			
*** Sample ID:					Seq: 110	14:56:06 20 Dec 12		HG
					240-18735-c-5-h ms			
Hg	5.257	ppb	.0000		5.257			
*** Sample ID:					Seq: 111	14:57:59 20 Dec 12		HG
					240-18735-c-5-i msd			
Hg	5.435	ppb	.0000		5.435			
*** Sample ID:					Seq: 112	15:00:00 20 Dec 12		HG
					240-18735-f-6-e			
Hg	.0041	ppb	.0000		.0041			

Low for 245.1

12/20/12 DSH

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 113 15:01:50 20 Dec 12 HG

			CRA	
Hg	.2094	ppb	.0000	.2094

*** Check Standard: 6 Ck6CCV Seq: 114 15:04:05 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.6	5.031	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 115 15:06:34 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.0031	.6000	ppb	.0000

already Lab'd
12/20/12

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 116 15:34:55 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.68	4.834	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 117 15:36:46 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0519	.6000	ppb	.0000

*** Sample ID: Seq: 118 15:39:05 20 Dec 12 HG
lb 240-69295/1-c

Hg	-.0105	ppb	.0000	-.0105

*** Sample ID: Seq: 119 15:40:57 20 Dec 12 HG
mb 240-69418/2-a

Hg	-.0053	ppb	.0000	-.0053

*** Sample ID: Seq: 120 15:43:15 20 Dec 12 HG
lcs 240-69418/3-a

Hg	5.565	ppb	.0000	5.565

*** Sample ID: Seq: 121 15:45:04 20 Dec 12 HG
240-18895-a-2-e

Hg	-.0479	ppb	.0000	-.0479

*** Sample ID: Seq: 122 15:46:56 20 Dec 12 HG
240-18895-a-2-f ms

Hg	4.014	ppb	.0000	4.014

*** Sample ID: Seq: 123 15:49:04 20 Dec 12 HG
240-18895-a-2-g msd

Hg	4.408	ppb	.0000	4.408

*** Sample ID: Seq: 124 15:51:03 20 Dec 12 HG
240-18798-e-3-d

Hg	.0202	ppb	.0000	.0202

*** Sample ID: Seq: 125 15:52:53 20 Dec 12 HG
240-18798-c-4-d

Hg	.0009	ppb	.0000	.0009

*** Check Standard: 6 Ck6CCV Seq: 126 15:59:29 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.33	4.967	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 127 16:01:19 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0593	.6000	ppb	.0000

*** Sample ID: Seq: 128 16:03:07 20 Dec 12 HG
mb 240-69565/1-a

Hg	.0066	ppb	.0000	.0066

*** Sample ID: Seq: 129 16:04:56 20 Dec 12 HG
lcs 240-69565/2-a

Hg	5.420	ppb	.0000	5.420

*** Sample ID: Seq: 130 16:06:47 20 Dec 12 HG
240-18583-g-3-b

Hg	-.0396	ppb	.0000	-.0396

*** Sample ID: Seq: 131 16:09:25 20 Dec 12 HG
240-18583-g-3-c ms

Hg	1.084	ppb	.0000	1.084

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 132 16:11:18 20 Dec 12 HG
240-18583-g-3-d msd
Hg 1.107 ppb .0000 1.107

*** Sample ID: Seq: 133 16:13:10 20 Dec 12 HG
240-18933-j-10-f
Hg .0026 ppb .0000 .0026

*** Sample ID: Seq: 134 16:15:21 20 Dec 12 HG
240-18933-j-11-b
Hg .0091 ppb .0000 .0091

*** Sample ID: Seq: 135 16:17:31 20 Dec 12 HG
240-18853-k-11-b
Hg .0113 ppb .0000 .0113

*** Sample ID: Seq: 136 16:19:33 20 Dec 12 HG
240-18605-d-4-b
Hg .0080 ppb .0000 .0080

*** Sample ID: Seq: 137 16:21:24 20 Dec 12 HG
240-18605-d-3-b
Hg .0107 ppb .0000 .0107

*** Check Standard: 6 Ck6CCV Seq: 138 16:24:33 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.35	4.968	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 139 16:26:22 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0462	.6000	ppb	.0000

*** Sample ID: Seq: 140 16:28:51 20 Dec 12 HG
240-18605-e-4-b
Hg .0127 ppb .0000 .0127

*** Sample ID: Seq: 141 16:30:49 20 Dec 12 HG
240-18777-b-6-f
Hg .0139 ppb .0000 .0139

*** Sample ID: Seq: 142 16:32:49 20 Dec 12 HG
240-18937-j-5-b
Hg .0137 ppb .0000 .0137

*** Sample ID: Seq: 143 16:34:50 20 Dec 12 HG
240-18853-k-13-b
Hg .0132 ppb .0000 .0132

*** Sample ID: Seq: 144 16:36:38 20 Dec 12 HG
240-18933-j-16-b
Hg .0164 ppb .0000 .0164

*** Sample ID: Seq: 145 16:38:29 20 Dec 12 HG
240-18933-j-15-b
Hg .0142 ppb .0000 .0142

*** Sample ID: Seq: 146 16:40:28 20 Dec 12 HG
240-18937-j-4-b
Hg .0097 ppb .0000 .0097

*** Sample ID: Seq: 147 16:42:17 20 Dec 12 HG
240-18937-j-2-b
Hg .0041 ppb .0000 .0041

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 148	16:44:29 20 Dec 12	HG		
				240-18933-j-13-b				
Hg	.0095	ppb	.0000	.0095				
*** Sample ID:				Seq: 149	16:46:19 20 Dec 12	HG		
				240-18978-a-1-a				
Hg	.0174	ppb	.0000	.0174				
*** Check Standard: 6 Ck6CCV				Seq: 150	16:48:19 20 Dec 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.9	5.045	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 151	16:50:10 20 Dec 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0354	.6000	ppb	.0000			
*** Sample ID:				Seq: 152	16:51:58 20 Dec 12	HG		
				240-18937-j-1-b				
Hg	-.0006	ppb	.0000	-.0006				
*** Sample ID:				Seq: 153	16:54:08 20 Dec 12	HG		
				240-18933-j-12-b				
Hg	.0177	ppb	.0000	.0177				
*** Sample ID:				Seq: 154	16:55:57 20 Dec 12	HG		
				240-18605-e-3-b				
Hg	.0051	ppb	.0000	.0051				
*** Sample ID:				Seq: 155	16:57:49 20 Dec 12	HG		
				240-18605-e-5-b				
Hg	.0510	ppb	.0000	.0510				
*** Sample ID:				Seq: 156	16:59:49 20 Dec 12	HG		
				lb 240-69293/1-d				
Hg	.0039	ppb	.0000	.0039				
*** Sample ID:				Seq: 157	17:01:37 20 Dec 12	HG		
				mb 240-69414/2-a				
Hg	.0103	ppb	.0000	.0103				
*** Sample ID:				Seq: 158	17:04:00 20 Dec 12	HG		
				lcs 240-69414/3-a				
Hg	5.862	ppb	.0000	5.862				
*** Sample ID:				Seq: 159	17:06:34 20 Dec 12	HG		
				240-18902-a-4-f				
Hg	.0103	ppb	.0000	.0103				
*** Sample ID:				Seq: 160	17:08:25 20 Dec 12	HG		
				240-18902-a-4-g ms				
Hg	2.828	ppb	.0000	2.828				
*** Sample ID:				Seq: 161	17:10:37 20 Dec 12	HG		
				240-18902-a-7-d				
Hg	-.0125	ppb	.0000	-.0125				
*** Check Standard: 6 Ck6CCV				Seq: 162	17:12:38 20 Dec 12	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.1	5.054	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 163	17:15:19 20 Dec 12	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0016	.6000	ppb	.0000			

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 164	17:17:48 20 Dec 12	HG		
				240-18902-a-4-h msd				
Hg	2.967	ppb	.0000	2.967				
*** Sample ID:				Seq: 165	17:19:41 20 Dec 12	HG		
				240-18902-a-3-d				
Hg	-.0958	ppb	.0000	-.0958				
*** Sample ID:				Seq: 166	17:21:53 20 Dec 12	HG		
				240-18902-a-6-d				
Hg	.2050	ppb	.0000	.2050				
*** Sample ID:				Seq: 167	17:24:15 20 Dec 12	HG		
				240-18905-a-1-c				
Hg	.0056	ppb	.0000	.0056				
*** Sample ID:				Seq: 168	17:26:05 20 Dec 12	HG		
				240-18905-a-2-c				
Hg	.0080	ppb	.0000	.0080				
*** Sample ID:				Seq: 169	17:28:14 20 Dec 12	HG		
				240-18905-a-3-c				
Hg	.0524	ppb	.0000	.0524				
*** Sample ID:				Seq: 170	17:30:36 20 Dec 12	HG		
				240-18905-a-4-c				
Hg	.0147	ppb	.0000	.0147				
*** Sample ID:				Seq: 171	17:32:58 20 Dec 12	HG		
				240-18905-a-5-d				
Hg	.0128	ppb	.0000	.0128				
*** Sample ID:				Seq: 172	17:35:19 20 Dec 12	HG		
				240-18905-a-6-c				
Hg	.0086	ppb	.0000	.0086				
*** Sample ID:				Seq: 173	17:37:19 20 Dec 12	HG		
				240-18905-a-7-c				
Hg	160.6 H	ppb	.0000	160.6				

*** Check Standard: 6 Ck6CCV Seq: 174 17:39:23 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	79.68	3.984	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 175 17:41:42 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0803	.6000	ppb	.0000

*** Sample ID:				Seq: 176	17:43:51 20 Dec 12	HG		
				240-18707-a-2-f				
Hg	.1042	ppb	.0000	.1042				
*** Sample ID:				Seq: 177	17:46:01 20 Dec 12	HG		
				mb 240-69344/1-a				
Hg	-.0331	ppb	.0000	-.0331				
*** Sample ID:				Seq: 178	17:48:12 20 Dec 12	HG		
				lcs 240-69344/2-a				
Hg	4.275	ppb	.0000	4.275				
*** Sample ID:				Seq: 179	17:50:03 20 Dec 12	HG		
				240-18777-b-7-b				
Hg	.0357	ppb	.0000	.0357				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 180	17:52:15 20 Dec 12	HG		
				240-18777-b-7-c ms				
Hg	.9158	ppb	.0000	.9158				
*** Sample ID:				Seq: 181	17:54:14 20 Dec 12	HG		
				240-18777-b-7-d msd				
Hg	.9062	ppb	.0000	.9062				
*** Sample ID:				Seq: 182	17:56:08 20 Dec 12	HG		
				240-18933-j-1-b				
Hg	.0083	ppb	.0000	.0083				
*** Sample ID:				Seq: 183	17:57:57 20 Dec 12	HG		
				240-18933-j-3-b				
Hg	.0044	ppb	.0000	.0044				
*** Sample ID:				Seq: 184	18:00:06 20 Dec 12	HG		
				240-18929-n-5-b				
Hg	.1215	ppb	.0000	.1215				
*** Sample ID:				Seq: 185	18:02:38 20 Dec 12	HG		
				240-18777-b-9-b				
Hg	.0283	ppb	.0000	.0283				

*** Check Standard: 6 Ck6CCV		Seq: 186	18:04:27 20 Dec 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.2	5.009	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB		Seq: 187	18:06:21 20 Dec 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0199	.6000	ppb	.0000

*** Sample ID:				Seq: 188	18:08:43 20 Dec 12	HG		
				240-18929-l-8-b				
Hg	.0100	ppb	.0000	.0100				
*** Sample ID:				Seq: 189	18:10:44 20 Dec 12	HG		
				240-18777-b-8-b				
Hg	.0350	ppb	.0000	.0350				
*** Sample ID:				Seq: 190	18:12:35 20 Dec 12	HG		
				240-18933-j-8-b				
Hg	.0218	ppb	.0000	.0218				
*** Sample ID:				Seq: 191	18:14:45 20 Dec 12	HG		
				240-18933-j-2-b				
Hg	.0197	ppb	.0000	.0197				
*** Sample ID:				Seq: 192	18:16:46 20 Dec 12	HG		
				240-18777-b-10-b				
Hg	.0118	ppb	.0000	.0118				
*** Sample ID:				Seq: 193	18:18:59 20 Dec 12	HG		
				240-18929-o-1-b				
Hg	.0112	ppb	.0000	.0112				
*** Sample ID:				Seq: 194	18:20:48 20 Dec 12	HG		
				240-18933-j-5-b				
Hg	.0125	ppb	.0000	.0125				
*** Sample ID:				Seq: 195	18:22:58 20 Dec 12	HG		
				240-18933-j-7-b				
Hg	.0322	ppb	.0000	.0322				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 196 18:25:31 20 Dec 12 HG
240-18929-l-7-b
Hg .0130 ppb .0000 .0130

*** Sample ID: Seq: 197 18:27:50 20 Dec 12 HG
240-18929-o-4-b
Hg .0063 ppb .0000 .0063

*** Check Standard: 6 Ck6CCV Seq: 198 18:29:51 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.0	5.051	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 199 18:31:41 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0327	.6000	ppb	.0000

*** Sample ID: Seq: 200 18:33:31 20 Dec 12 HG
240-18929-o-3-b
Hg .0100 ppb .0000 .0100

*** Sample ID: Seq: 201 18:35:21 20 Dec 12 HG
240-18929-o-2-b
Hg .0073 ppb .0000 .0073

*** Sample ID: Seq: 202 18:38:04 20 Dec 12 HG
240-18929-o-6-b
Hg .0128 ppb .0000 .0128

*** Sample ID: Seq: 203 18:39:55 20 Dec 12 HG
240-18933-j-9-b
Hg .0512 ppb .0000 .0512

*** Sample ID: Seq: 204 18:41:50 20 Dec 12 HG
mb 240-69337/1-a
Hg .0098 ppb .0000 .0098

*** Sample ID: Seq: 205 18:45:35 20 Dec 12 HG
lcs 240-69337/2-a
Hg 4.521 ppb .0000 4.521

*** Sample ID: Seq: 206 18:47:48 20 Dec 12 HG
240-18927-j-3-d
Hg -.0006 ppb .0000 -.0006

*** Sample ID: Seq: 207 18:49:47 20 Dec 12 HG
240-18927-j-3-e ms
Hg .9394 ppb .0000 .9394

*** Sample ID: Seq: 208 18:51:47 20 Dec 12 HG
240-18927-j-3-f msd
Hg .9505 ppb .0000 .9505

*** Sample ID: Seq: 209 18:53:49 20 Dec 12 HG
240-18926-e-10-b
Hg .0023 ppb .0000 .0023

*** Check Standard: 6 Ck6CCV Seq: 210 18:55:41 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.0	5.048	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 211 18:57:34 20 Dec 12 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0188	.6000	ppb	.0000

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 240-18927-d-7-b				Seq: 212	18:59:24 20 Dec 12	HG		
Hg	.0251	ppb	.0000	.0251				
*** Sample ID: 240-18926-e-24-b				Seq: 213	19:01:48 20 Dec 12	HG		
Hg	.0110	ppb	.0000	.0110				
*** Sample ID: 240-18927-a-5-b				Seq: 214	19:03:39 20 Dec 12	HG		
Hg	.0128	ppb	.0000	.0128				
*** Sample ID: 240-18926-e-22-b				Seq: 215	19:05:49 20 Dec 12	HG		
Hg	.0213	ppb	.0000	.0213				
*** Sample ID: 240-18927-d-1-b				Seq: 216	19:07:39 20 Dec 12	HG		
Hg	.0255	ppb	.0000	.0255				
*** Sample ID: 240-18927-a-11-b				Seq: 217	19:09:41 20 Dec 12	HG		
Hg	.0123	ppb	.0000	.0123				
*** Sample ID: 240-18926-e-30-b				Seq: 218	19:11:34 20 Dec 12	HG		
Hg	.0154	ppb	.0000	.0154				
*** Sample ID: 240-18926-e-20-b				Seq: 219	19:13:37 20 Dec 12	HG		
Hg	.0192	ppb	.0000	.0192				
*** Sample ID: 240-18926-e-18-b				Seq: 220	19:15:29 20 Dec 12	HG		
Hg	.0118	ppb	.0000	.0118				
*** Sample ID: 240-18927-a-9-b				Seq: 221	19:17:40 20 Dec 12	HG		
Hg	.0095	ppb	.0000	.0095				

*** Check Standard: 6 Ck6CCV				Seq: 222	19:19:39 20 Dec 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.5	5.024	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB				Seq: 223	19:21:27 20 Dec 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.0403	.6000	ppb	.0000	

*** Sample ID: 240-18926-e-26-b				Seq: 224	19:24:21 20 Dec 12	HG		
Hg	.0147	ppb	.0000	.0147				
*** Sample ID: 240-18926-e-16-b				Seq: 225	19:26:14 20 Dec 12	HG		
Hg	.0221	ppb	.0000	.0221				
*** Sample ID: 240-18927-a-13-b				Seq: 226	19:28:15 20 Dec 12	HG		
Hg	.0012	ppb	.0000	.0012				
*** Sample ID: 240-18926-e-33-b				Seq: 227	19:31:37 20 Dec 12	HG		
Hg	.0140	ppb	.0000	.0140				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 228 19:33:31 20 Dec 12 HG
240-18926-e-32-b

Hg	.1640	ppb	.0000	.1640	

*** Sample ID: Seq: 229 19:36:22 20 Dec 12 HG
240-18927-a-15-b

Hg	.0231	ppb	.0000	.0231	

*** Sample ID: Seq: 230 19:38:16 20 Dec 12 HG
240-18926-e-14-b

Hg	.7162	ppb	.0000	.7162	

*** Sample ID: Seq: 231 19:41:39 20 Dec 12 HG
240-18926-e-12-b

Hg	.0006	ppb	.0000	.0006	

*** Check Standard: 6 Ck6CCV Seq: 232 19:43:34 20 Dec 12 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.3	5.016	5.000	ppb	.0000

*** Check Standard: 1 Ck1CCB Seq: 233 19:45:23 20 Dec 12 HG

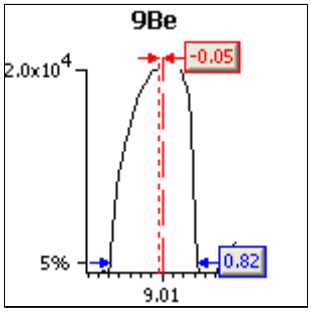
Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.0334	.6000	ppb	.0000

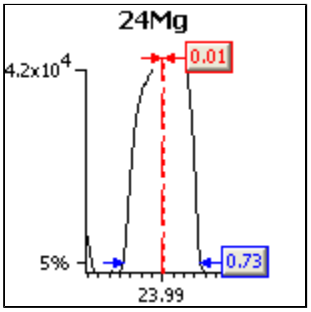
Performance Report

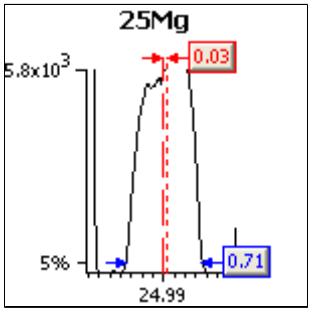
Sample details
Sample name : ITUNE
Acquired at : 12/29/2012 3:23:35 PM
Report name : EPA ILMO5.2/6020A 2.1 [8/5/2011 12:59:56 PM]

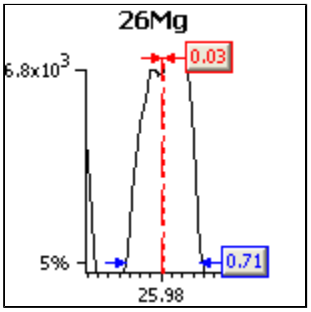
Mass Calibration verification

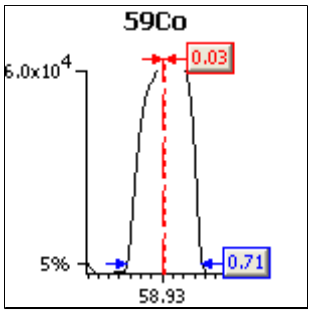
Acquisition parameters
Sweeps : 25
Dwell : 2.0 mSecs
Point spacing : 0.02 amu
Peak width measured at 5% of the peak maximum

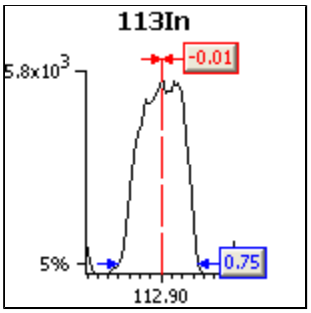


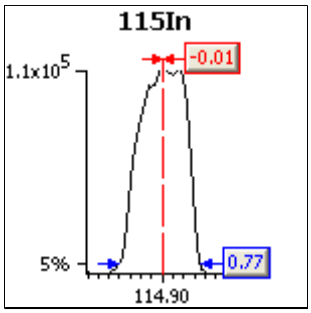


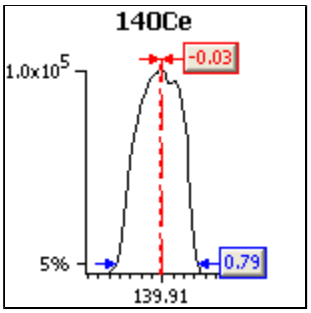


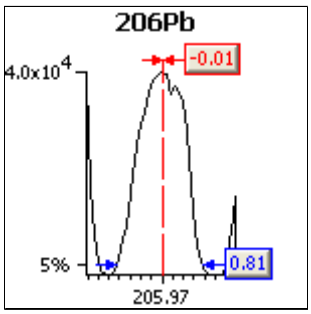


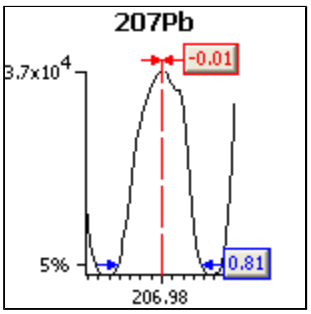


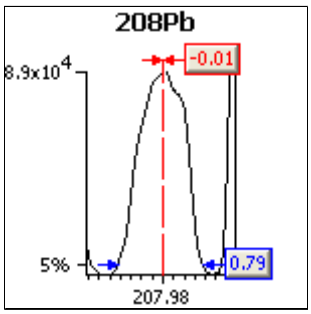












Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.90	0.45	0.10	0.82	-0.05
24Mg	0.90	0.45	0.10	0.73	0.01
25Mg	0.90	0.45	0.10	0.71	0.03
26Mg	0.90	0.45	0.10	0.71	0.03
59Co	0.90	0.45	0.10	0.71	0.03
113In	0.90	0.45	0.10	0.75	-0.01
115In	0.90	0.45	0.10	0.77	-0.01
140Ce	0.90	0.45	0.10	0.79	-0.03
206Pb	0.90	0.45	0.10	0.81	-0.01
207Pb	0.90	0.45	0.10	0.81	-0.01
208Pb	0.90	0.45	0.10	0.79	-0.01

Sample details
Sample name : ITUNE
Acquired at : 12/29/2012 3:23:35 PM
Report name : EPA ILMO5.2/6020A 2.1 [8/5/2011 12:59:56 PM]

Tune conditions

Major	
Extraction	-114
Lens 1	2.0
Focus	26.7
D1	-37.6
Pole Bias	3.0
Hexapole Bias	-3.0
Nebuliser	0.80
Sampling Depth	150

Minor	
Lens 2	-36.1
Lens 3	-176.5
Forward power	1349
Horizontal	72
Vertical	408
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	n/a
High resolution	n/a
Analogue Detector	n/a
PC Detector	n/a

Add. Gases	
He/H2	0.00
He/NH3	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 150

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	137Ba++
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	-	5.0%	-
	Countrate	-	>500	>500	>500	>500	-	>10000	-
1	3:24:22 PM	0	15477	38422	4689	5723	204931	62050	17
2	3:25:47 PM	0	15828	39862	5177	6000	202466	64487	13
3	3:27:12 PM	0	15213	38440	5049	5760	204484	62097	13
4	3:28:38 PM	0	15635	39285	5027	5877	202840	63867	13
5	3:30:03 PM	0	15499	39631	5019	5966	200112	63991	10
x		0	15530	39128	4992	5865	202967	63299	13
σ		0.00	225.97	668.55	180.99	122.22	1908.87	1142.06	2.60
%RSD		0.000	1.455	1.709	3.625	2.084	0.940	1.804	19.301

Run	Time	138Ba++	101Bkg	113In	115In	138Ba	140Ce	156Ce O	206Pb
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	-	5.0%	5.0%	-	5.0%	-	5.0%
	Countrate	-	-	>200	>5000	-	>10000	-	>500
1	3:24:22 PM	70	0	4770	105829	2620	109910	1933	42887
2	3:25:47 PM	70	0	4971	108360	2619	111665	2021	43618
3	3:27:12 PM	77	0	4836	107282	2648	111105	2000	43548
4	3:28:38 PM	80	0	4947	108505	2534	111459	1952	43264
5	3:30:03 PM	69	0	4977	108950	2596	112289	2061	43566
x		73	0	4900	107785	2603	111286	1993	43377
σ		5.03	0.03	92.28	1253.61	42.69	881.19	52.17	306.63
%RSD		6.883	223.607	1.883	1.163	1.640	0.792	2.617	0.707

Run	Time	207Pb	208Pb	220Bkg
Dwell (mSecs)		0.0	0.0	0.0
Limits	%RSD	5.0%	5.0%	-
	Countrate	>500	>500	<2500
1	3:24:22 PM	38927	93034	0
2	3:25:47 PM	39480	94529	0
3	3:27:12 PM	39094	93966	0
4	3:28:38 PM	39465	94809	0
5	3:30:03 PM	39552	94395	0
x		39304	94146	0
σ		275.74	692.35	0.04
%RSD		0.702	0.735	136.931

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0500
1	3:24:22 PM	0
2	3:25:47 PM	0

3	3:27:12 PM	0
4	3:28:38 PM	0
5	3:30:03 PM	0
x		0.0179
σ		0.00
%RSD		1.9984

Result : The performance report passed.

Dilution Corrected Concentrations

STD1 686021 12/29/2012 3:40:07 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	98.381%	0.000	-0.020	-0.109	0.000	-1.190	0.200	-0.219
2	15:41:31	99.540%	0.030	-0.032	0.119	0.000	0.816	-0.172	-0.033
3	15:42:13	102.079%	-0.031	0.052	-0.010	0.000	0.374	-0.028	0.252
x		100.000%	0.000	0.000	0.000	0.000	0.000	0.000	-0.000
σ		1.892%	0.031	0.046	0.114	0.000	1.054	0.187	0.237
%RSD		1.892	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	0.450	-0.337	0.000	0.070	-2.960	1.178	98.344%	0.071
2	15:41:31	-0.062	0.276	0.000	-0.563	-2.960	1.206	100.366%	0.016
3	15:42:13	-0.389	0.061	0.000	0.493	5.920	-2.384	101.289%	-0.087
x		-0.000	-0.000	0.000	0.000	0.000	0.000	100.000%	0.000
σ		0.423	0.311	0.000	0.531	5.127	2.065	1.506%	0.080
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	1.506	0.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	0.014	0.006	0.020	0.522	-0.138	0.001	-0.034	-0.017
2	15:41:31	-0.025	-0.013	0.000	-0.434	-0.075	-0.003	-0.034	0.014
3	15:42:13	0.011	0.007	-0.020	-0.088	0.213	0.003	0.068	0.004
x		-0.000	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
σ		0.022	0.011	0.020	0.484	0.187	0.003	0.059	0.016
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	-0.006	-0.151	0.047	-0.033	0.297	-0.113	0.000	0.010
2	15:41:31	0.038	0.105	0.059	0.048	-0.145	0.131	0.000	-0.002
3	15:42:13	-0.032	0.046	-0.106	-0.016	-0.152	-0.019	0.000	-0.008
x		-0.000	0.000	0.000	-0.000	0.000	-0.000	0.000	0.000
σ		0.035	0.135	0.092	0.043	0.257	0.123	0.000	0.009
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	97.392%	-0.053	0.044	97.059%	0.005	0.002	0.041	0.046
2	15:41:31	101.347%	0.044	-0.040	100.570%	-0.006	0.001	-0.056	-0.061
3	15:42:13	101.260%	0.009	-0.004	102.371%	0.001	-0.003	0.015	0.015
x		100.000%	-0.000	0.000	100.000%	-0.000	0.000	0.000	0.000
σ		2.259%	0.049	0.042	2.702%	0.006	0.003	0.050	0.055
%RSD		2.259	0.000	0.000	2.702	0.000	0.000	0.000	0.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	96.629%	0.020	-0.005	0.001	-0.026	0.015	97.186%	96.334%
2	15:41:31	100.750%	-0.109	0.007	-0.016	-0.007	-0.013	100.089%	100.975%
3	15:42:13	102.621%	0.088	-0.002	0.015	0.033	-0.002	102.725%	102.691%
x		100.000%	0.000	-0.000	0.000	-0.000	0.000	100.000%	100.000%
σ		3.066%	0.100	0.006	0.016	0.030	0.014	2.770%	3.288%
%RSD		3.066	0.000	0.000	0.000	0.000	0.000	2.770	3.288

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:49	0.007	-0.001	-0.004	-0.011	-0.003	96.019%
2	15:41:31	-0.002	0.004	0.007	0.009	0.000	100.978%
3	15:42:13	-0.005	-0.003	-0.003	0.002	0.003	103.003%
x		0.000	0.000	-0.000	0.000	0.000	100.000%
σ		0.006	0.004	0.006	0.010	0.003	3.593%
%RSD		0.000	0.000	0.000	0.000	0.000	3.593

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	86.913%	202.700	0.491	0.122	0.000	101600.000	101600.000	101600.000
2	15:45:44	90.430%	196.900	0.431	0.128	0.000	99000.000	98990.000	98950.000
3	15:46:26	91.091%	200.400	-0.665	0.284	0.000	99350.000	99460.000	99490.000
x		89.478%	200.000	0.086	0.178	0.000	100000.000	100000.000	100000.000
σ		2.246%	2.900	0.651	0.092	0.000	1432.000	1366.000	1381.000
%RSD		2.510	1.450	756.200	51.860	0.000	1.432	1.366	1.381

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	1022.000	-0.791	0.000	101500.000	100200.000	99590.000	87.541%	2.878
2	15:45:44	989.400	13.680	0.000	99100.000	99410.000	99390.000	91.671%	2.235
3	15:46:26	988.200	14.850	0.000	99360.000	100400.000	101000.000	93.183%	1.639
x		1000.000	9.247	0.000	100000.000	100000.000	100000.000	90.798%	2.251
σ		19.420	8.713	0.000	1336.000	512.700	882.900	2.921%	0.620
%RSD		1.942	94.220	0.000	1.336	0.513	0.883	3.217	27.530

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	199.600	200.100	998.000	50990.000	49600.000	199.500	199.100	197.700
2	15:45:44	198.400	197.200	994.700	49550.000	50040.000	198.800	199.600	199.600
3	15:46:26	202.000	202.800	1007.000	49460.000	50360.000	201.700	201.300	202.600
x		200.000	200.000	1000.000	50000.000	50000.000	200.000	200.000	200.000
σ		1.831	2.809	6.517	859.100	379.200	1.504	1.134	2.468
%RSD		0.916	1.405	0.652	1.718	0.758	0.752	0.567	1.234

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	199.900	198.100	200.200	195.000	198.400	195.000	0.000	199.100
2	15:45:44	198.900	198.500	197.800	202.800	201.200	200.700	0.000	201.400
3	15:46:26	201.200	203.500	202.000	202.200	200.400	204.300	0.000	199.500
x		200.000	200.000	200.000	200.000	200.000	200.000	0.000	200.000
σ		1.163	2.997	2.085	4.316	1.441	4.721	0.000	1.218
%RSD		0.582	1.499	1.043	2.158	0.721	2.361	0.000	0.609

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	88.014%	1.250	1.637	84.062%	199.600	199.300	201.100	198.200
2	15:45:44	91.792%	1.335	1.211	88.304%	200.800	199.700	199.200	200.200
3	15:46:26	94.567%	1.000	1.449	90.657%	199.600	200.900	199.600	201.600
x		91.458%	1.195	1.432	87.674%	200.000	200.000	200.000	200.000
σ		3.290%	0.174	0.214	3.343%	0.736	0.844	0.982	1.697
%RSD		3.597	14.570	14.910	3.812	0.368	0.422	0.491	0.848

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	88.249%	1.277	0.078	0.108	197.800	199.900	93.198%	94.353%
2	15:45:44	93.517%	1.353	0.113	0.077	200.500	200.900	97.812%	99.261%
3	15:46:26	95.667%	2.092	0.140	0.148	201.800	199.200	101.975%	102.557%
x		92.478%	1.574	0.110	0.111	200.000	200.000	97.662%	98.724%
σ		3.816%	0.450	0.031	0.035	2.034	0.819	4.390%	4.128%
%RSD		4.127	28.600	28.430	31.800	1.017	0.410	4.495	4.182

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	15:45:02	196.900	196.600	196.100	197.000	196.900	92.703%
2	15:45:44	201.000	200.300	201.600	199.400	200.400	96.873%
3	15:46:26	202.100	203.100	202.400	203.600	202.800	98.609%
x		200.000	200.000	200.000	200.000	200.000	96.062%
σ		2.718	3.294	3.416	3.377	2.973	3.035%
%RSD		1.359	1.647	1.708	1.689	1.487	3.160

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	87.748%	0.073	196.800	200.300	0.000	74.690	74.370	72.960
2	15:49:58	89.445%	0.240	196.200	201.600	0.000	74.630	77.680	76.040
3	15:50:40	89.557%	0.071	207.000	198.100	0.000	82.030	83.460	76.830
x		88.917%	0.128	200.000	200.000	0.000	77.120	78.500	75.280
σ		1.014%	0.097	6.075	1.762	0.000	4.257	4.597	2.044
%RSD		1.140	76.000	3.038	0.881	0.000	5.520	5.856	2.715

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	20.020	10030.000	0.000	88.070	138.000	169.300	92.821%	202.600
2	15:49:58	12.640	10050.000	0.000	95.670	94.090	187.200	92.905%	197.800
3	15:50:40	9.491	9925.000	0.000	100.900	137.800	191.400	92.856%	199.700
x		14.050	10000.000	0.000	94.890	123.300	182.600	92.861%	200.000
σ		5.405	65.410	0.000	6.471	25.310	11.700	0.042%	2.420
%RSD		38.460	0.654	0.000	6.819	20.520	6.405	0.045	1.210

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	0.195	0.123	1.062	134.600	164.500	0.143	0.335	0.484
2	15:49:58	0.217	0.100	1.050	82.130	106.200	0.145	0.480	0.488
3	15:50:40	0.165	0.128	1.063	67.740	85.140	0.215	0.278	0.328
x		0.192	0.117	1.058	94.810	118.600	0.168	0.364	0.433
σ		0.026	0.015	0.007	35.170	41.110	0.041	0.104	0.091
%RSD		13.340	12.570	0.683	37.100	34.650	24.520	28.640	21.090

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	0.784	2.205	2.423	0.289	1.830	0.264	0.000	0.605
2	15:49:58	0.576	2.209	2.385	0.459	0.121	1.028	0.000	0.575
3	15:50:40	0.557	2.576	2.121	0.399	0.014	0.568	0.000	0.588
x		0.639	2.330	2.310	0.382	0.655	0.620	0.000	0.589
σ		0.126	0.213	0.165	0.086	1.019	0.385	0.000	0.015
%RSD		19.730	9.133	7.128	22.570	155.600	62.030	0.000	2.614

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	94.248%	199.200	198.900	95.554%	0.290	0.307	0.126	-0.748
2	15:49:58	95.395%	198.200	202.000	96.478%	0.294	0.235	0.283	-0.411
3	15:50:40	95.496%	202.600	199.100	96.684%	0.294	0.214	0.001	-0.779
x		95.046%	200.000	200.000	96.239%	0.292	0.252	0.137	-0.646
σ		0.694%	2.339	1.714	0.602%	0.002	0.049	0.141	0.204
%RSD		0.730	1.170	0.857	0.625	0.819	19.430	103.400	31.630

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	97.476%	199.500	197.600	198.800	0.241	0.595	99.883%	100.525%
2	15:49:58	99.385%	200.400	200.000	199.800	0.326	0.535	100.210%	102.201%
3	15:50:40	98.910%	200.000	202.400	201.500	0.302	0.416	101.423%	101.898%
x		98.590%	200.000	200.000	200.000	0.290	0.515	100.506%	101.541%
σ		0.994%	0.463	2.373	1.374	0.044	0.091	0.811%	0.893%
%RSD		1.008	0.232	1.187	0.687	15.010	17.670	0.807	0.879

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	15:49:16	0.267	0.283	0.319	0.316	0.294	102.441%
2	15:49:58	0.258	0.228	0.261	0.248	0.254	103.971%
3	15:50:40	0.240	0.270	0.249	0.180	0.215	104.500%
x		0.255	0.260	0.276	0.248	0.254	103.637%
σ		0.014	0.029	0.038	0.068	0.039	1.069%
%RSD		5.399	11.150	13.670	27.380	15.440	1.032

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	89.973%	82.530	90.530	86.040	0.000	40900.000	35850.000	36080.000
2	15:54:13	90.892%	86.170	86.960	87.900	0.000	40640.000	35960.000	36280.000
3	15:54:55	89.500%	82.190	93.450	88.280	0.000	41330.000	36760.000	36860.000
x		90.122%	104.538%	112.892%	109.256%	0.000	102.396%	90.476%	91.020%
σ		0.708%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.785	2.641	3.596	1.368	0.000	0.859	1.381	1.107

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	408.100	4452.000	0.000	41890.000	41300.000	40770.000	92.340%	87.300
2	15:54:13	408.200	4474.000	0.000	41690.000	41530.000	41060.000	93.200%	88.980
3	15:54:55	412.200	4567.000	0.000	41900.000	41850.000	41570.000	93.296%	87.430
x		102.378%	112.439%	0.000	104.562%	103.905%	102.834%	92.945%	109.879%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.526%	n/a
%RSD		0.569	1.360	0.000	0.289	0.667	0.984	0.566	1.062

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	80.910	82.610	406.900	20230.000	20140.000	82.220	82.470	83.240
2	15:54:13	82.290	83.250	414.500	20000.000	20270.000	82.340	83.840	82.330
3	15:54:55	81.710	83.830	413.500	20020.000	20460.000	83.620	85.770	85.020
x		102.045%	104.035%	102.906%	100.417%	101.428%	103.408%	105.032%	104.410%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.849	0.729	0.997	0.632	0.793	0.939	1.973	1.636

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	82.360	84.220	84.850	80.680	81.360	83.740	0.000	74.600
2	15:54:13	83.530	82.880	86.570	81.620	81.180	83.260	0.000	74.570
3	15:54:55	84.440	85.320	86.000	80.560	75.930	82.210	0.000	75.180
x		104.304%	105.176%	107.261%	101.192%	99.364%	103.836%	0.000	93.482%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.251	1.453	1.021	0.718	3.878	0.944	0.000	0.456

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	103.307%	78.680	79.380	97.108%	78.250	79.800	81.940	80.130
2	15:54:13	106.171%	79.180	80.020	100.045%	78.500	79.450	80.780	79.020
3	15:54:55	106.646%	81.510	81.420	100.385%	78.490	78.960	78.520	78.620
x		105.375%	99.738%	100.341%	99.179%	98.019%	99.253%	100.519%	99.069%
σ		1.807%	n/a	n/a	1.802%	n/a	n/a	n/a	n/a
%RSD		1.714	1.887	1.305	1.817	0.184	0.529	2.166	0.983

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	99.936%	83.070	80.870	81.980	77.740	78.920	104.529%	105.051%
2	15:54:13	103.375%	81.820	80.440	80.140	78.480	80.860	106.702%	109.095%
3	15:54:55	104.879%	80.780	82.130	80.530	79.790	80.690	108.436%	109.717%
x		102.730%	102.360%	101.435%	101.105%	98.337%	100.198%	106.556%	107.955%
σ		2.534%	n/a	n/a	n/a	n/a	n/a	1.958%	2.534%
%RSD		2.466	1.403	1.085	1.202	1.319	1.337	1.837	2.347

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	15:53:32	81.700	81.190	79.150	78.310	78.840	104.085%
2	15:54:13	81.510	82.680	79.290	79.650	79.610	107.037%
3	15:54:55	82.310	82.600	80.590	79.420	79.900	107.933%
x		102.300%	102.696%	99.598%	98.907%	99.318%	106.351%
σ		n/a	n/a	n/a	n/a	n/a	2.013%
%RSD		0.512	1.020	0.999	0.906	0.689	1.893

ICB 12/29/2012 4:00:40 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	99.768%	-0.031	0.184	0.632	0.000	-41.750	2.805	4.272
2	16:02:04	99.139%	-0.031	0.742	0.617	0.000	-37.700	3.497	4.476
3	16:02:45	99.759%	-0.031	0.623	0.394	0.000	-30.150	9.995	9.364
x		99.555%	-0.031	0.516	0.548	0.000	-36.530	5.432	6.037
σ		0.361%	0.000	0.294	0.133	0.000	5.888	3.966	2.883
%RSD		0.362	0.000	56.960	24.330	0.000	16.120	73.010	47.750

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	-4.083	6.606	0.000	12.990	5.853	6.025	102.234%	0.065
2	16:02:04	-4.052	6.346	0.000	16.550	5.768	7.953	103.322%	0.214
3	16:02:45	-3.403	6.926	0.000	20.940	49.640	15.690	102.812%	0.014
x		-3.846	6.626	0.000	16.820	20.420	9.888	102.789%	0.098
σ		0.384	0.291	0.000	3.985	25.300	5.112	0.544%	0.104
%RSD		9.980	4.388	0.000	23.680	123.900	51.700	0.530	106.700

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	-0.018	0.067	0.008	13.470	15.370	0.015	0.049	0.063
2	16:02:04	0.012	0.012	0.009	10.030	11.060	-0.008	-0.035	0.009
3	16:02:45	0.011	0.050	0.129	10.830	13.440	0.002	0.015	0.001
x		0.002	0.043	0.049	11.440	13.290	0.003	0.010	0.025
σ		0.017	0.028	0.070	1.802	2.161	0.011	0.042	0.034
%RSD		981.200	64.950	143.200	15.750	16.260	357.000	432.500	136.700

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	-0.019	0.281	0.611	-0.069	-1.270	-0.179	0.000	0.016
2	16:02:04	0.027	0.253	0.254	-0.333	-0.092	-0.994	0.000	0.011
3	16:02:45	0.259	0.639	0.657	-0.079	-1.042	-0.473	0.000	0.127
x		0.089	0.391	0.507	-0.161	-0.802	-0.549	0.000	0.051
σ		0.149	0.215	0.221	0.149	0.625	0.413	0.000	0.066
%RSD		167.200	55.110	43.530	92.990	77.930	75.180	0.000	128.400

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	103.501%	0.313	0.344	104.144%	0.019	0.025	0.085	0.023
2	16:02:04	105.086%	0.060	0.174	105.300%	0.023	0.013	-0.029	-0.122
3	16:02:45	105.867%	0.290	0.289	105.986%	0.001	0.012	0.099	-0.023
x		104.818%	0.221	0.269	105.143%	0.014	0.017	0.052	-0.041
σ		1.205%	0.140	0.087	0.931%	0.012	0.007	0.070	0.074
%RSD		1.150	63.370	32.300	0.885	82.890	43.160	135.000	181.300

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	103.754%	0.397	0.043	0.030	-0.032	-0.040	104.469%	104.825%
2	16:02:04	106.739%	0.075	0.041	0.018	-0.055	-0.029	107.029%	108.061%
3	16:02:45	108.219%	-0.354	0.060	0.053	0.026	-0.017	108.137%	108.887%
x		106.238%	0.040	0.048	0.034	-0.021	-0.029	106.545%	107.258%
σ		2.274%	0.377	0.010	0.018	0.042	0.012	1.881%	2.147%
%RSD		2.141	948.000	21.640	51.800	202.100	40.260	1.766	2.001

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:01:22	0.025	0.045	0.019	0.026	0.022	107.395%
2	16:02:04	0.024	0.020	0.013	0.010	0.020	109.586%
3	16:02:45	0.024	0.039	0.026	0.035	0.025	110.036%
x		0.024	0.035	0.019	0.024	0.022	109.005%
σ		0.001	0.013	0.007	0.013	0.003	1.413%
%RSD		2.670	37.300	35.400	54.230	12.220	1.296

CRI 667994 12/29/2012 4:04:58 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	89.816%	1.270	7.382	6.914	0.000	66.570	99.100	100.600
2	16:06:21	89.841%	1.203	8.335	7.797	0.000	67.670	100.800	100.800
3	16:07:03	89.236%	1.312	5.619	7.619	0.000	64.820	100.700	103.500
x		89.631%	126.158%	142.235%	148.868%	0.000	82.944%	100.183%	101.648%
σ		0.342%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.382	4.361	19.380	6.271	0.000	2.168	0.939	1.611

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	28.890	500.100	0.000	94.290	116.700	110.800	110.286%	5.399
2	16:06:21	28.540	505.600	0.000	94.720	124.100	118.100	111.083%	5.501
3	16:07:03	29.170	505.500	0.000	97.110	112.500	107.500	110.422%	4.445
x		96.220%	100.749%	0.000	95.372%	117.792%	112.135%	110.597%	102.303%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.426%	n/a
%RSD		1.098	0.622	0.000	1.592	4.988	4.823	0.385	11.380

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	0.863	1.917	4.880	49.600	69.280	0.469	1.028	1.852
2	16:06:21	0.930	1.954	4.781	48.740	62.410	0.496	1.405	2.127
3	16:07:03	0.914	1.761	4.918	48.830	59.420	0.561	1.119	1.903
x		90.256%	93.856%	97.196%	98.108%	127.404%	101.672%	118.374%	98.026%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		3.859	5.458	1.459	0.964	7.940	9.312	16.610	7.453

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	2.083	8.184	8.548	0.917	3.122	5.322	0.000	5.010
2	16:06:21	2.506	7.855	7.925	1.130	3.076	5.118	0.000	4.971
3	16:07:03	2.102	8.095	7.882	0.747	5.893	4.597	0.000	4.966
x		111.506%	160.891%	162.365%	93.121%	80.604%	100.246%	0.000	99.642%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		10.720	2.111	4.592	20.610	40.020	7.459	0.000	0.483

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	100.594%	4.786	5.035	101.963%	1.057	1.084	1.196	0.932
2	16:06:21	101.200%	5.377	5.227	102.602%	1.018	1.047	1.163	1.113
3	16:07:03	101.707%	4.938	4.863	102.229%	0.968	1.049	1.299	1.019
x		101.167%	100.675%	100.832%	102.264%	101.403%	106.011%	121.963%	102.130%
σ		0.557%	n/a	n/a	0.321%	n/a	n/a	n/a	n/a
%RSD		0.551	6.099	3.613	0.314	4.415	1.981	5.805	8.856

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	103.395%	5.354	1.929	2.063	9.938	9.920	104.032%	104.803%
2	16:06:21	103.669%	5.721	2.165	2.184	10.250	9.720	104.271%	105.328%
3	16:07:03	103.776%	5.958	2.009	2.089	9.906	9.422	103.829%	105.578%
x		103.613%	113.557%	101.710%	105.611%	100.323%	96.877%	104.044%	105.236%
σ		0.196%	n/a	n/a	n/a	n/a	n/a	0.221%	0.396%
%RSD		0.190	5.358	5.904	3.015	1.914	2.588	0.213	0.376

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:05:40	0.891	0.992	0.918	0.987	0.983	106.403%
2	16:06:21	1.117	1.012	1.010	1.038	1.003	107.866%
3	16:07:03	0.984	1.026	1.177	1.046	1.093	107.312%
x		99.712%	101.005%	103.507%	102.360%	102.635%	107.194%
σ		n/a	n/a	n/a	n/a	n/a	0.738%
%RSD		11.380	1.658	12.710	3.133	5.715	0.689

ICSA 668877 12/29/2012 4:09:15 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	86.330%	0.005	1.398	0.607	0.000	102500.000	102200.000	102300.000
2	16:10:38	87.848%	0.004	-0.275	0.579	0.000	102100.000	101400.000	101800.000
3	16:11:20	89.540%	0.037	0.326	0.358	0.000	100600.000	100300.000	100500.000
x		87.906%	0.015	0.483	0.515	0.000	101700.000	101300.000	101500.000
σ		1.606%	0.019	0.847	0.136	0.000	997.000	950.000	968.400
%RSD		1.827	124.700	175.300	26.460	0.000	0.980	0.938	0.954

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	117300.000	27.310	0.000	102700.000	104200.000	103600.000	85.202%	2277.000
2	16:10:38	116200.000	28.060	0.000	102100.000	103900.000	104400.000	87.555%	2298.000
3	16:11:20	114800.000	26.770	0.000	101100.000	104200.000	104300.000	88.830%	2268.000
x		116100.000	27.380	0.000	101900.000	104100.000	104100.000	87.196%	2281.000
σ		1262.000	0.649	0.000	841.500	167.800	423.900	1.840%	14.930
%RSD		1.087	2.370	0.000	0.825	0.161	0.407	2.111	0.655

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	-0.634	-0.031	0.542	102800.000	104900.000	0.105	0.483	1.048
2	16:10:38	-0.369	-0.035	0.528	100700.000	105100.000	0.086	0.443	1.215
3	16:11:20	-0.812	0.031	0.391	99910.000	106400.000	0.066	0.420	1.052
x		-0.605	-0.012	0.487	101100.000	105500.000	0.085	0.449	1.105
σ		0.223	0.037	0.083	1472.000	797.300	0.020	0.032	0.095
%RSD		36.880	321.600	17.100	1.456	0.756	23.010	7.151	8.614

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	1.987	4.079	2.232	0.316	-0.709	0.665	0.000	5.185
2	16:10:38	1.810	3.893	2.319	-0.392	-0.304	-0.965	0.000	4.713
3	16:11:20	1.931	3.700	1.973	-0.337	-1.114	-1.358	0.000	5.013
x		1.909	3.891	2.174	-0.138	-0.709	-0.552	0.000	4.970
σ		0.091	0.189	0.180	0.394	0.405	1.073	0.000	0.239
%RSD		4.759	4.868	8.283	285.800	57.170	194.100	0.000	4.802

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	86.527%	2159.000	2194.000	81.662%	0.095	0.076	0.576	0.354
2	16:10:38	90.693%	2145.000	2197.000	85.781%	0.059	0.090	0.316	0.103
3	16:11:20	92.156%	2163.000	2186.000	87.908%	0.087	0.079	0.980	0.241
x		89.792%	2156.000	2193.000	85.117%	0.080	0.082	0.624	0.233
σ		2.921%	9.366	5.714	3.176%	0.019	0.008	0.334	0.126
%RSD		3.253	0.435	0.261	3.731	23.460	9.217	53.580	54.010

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	88.339%	5.047	0.301	0.309	0.343	0.319	95.077%	96.486%
2	16:10:38	93.942%	4.274	0.269	0.302	0.273	0.273	98.915%	101.972%
3	16:11:20	96.996%	3.620	0.216	0.392	0.261	0.341	101.915%	103.912%
x		93.092%	4.314	0.262	0.334	0.292	0.311	98.635%	100.790%
σ		4.390%	0.715	0.043	0.050	0.044	0.035	3.428%	3.851%
%RSD		4.716	16.570	16.270	14.950	14.980	11.220	3.475	3.821

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:57	0.030	0.047	0.188	0.179	0.166	96.862%
2	16:10:38	0.031	0.030	0.156	0.161	0.144	98.410%
3	16:11:20	0.030	0.025	0.127	0.169	0.139	101.492%
x		0.030	0.034	0.157	0.169	0.149	98.921%
σ		0.001	0.012	0.031	0.009	0.015	2.357%
%RSD		2.840	33.770	19.500	5.200	9.796	2.383

ICSAB 668878 12/29/2012 4:13:32 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	91.109%	20.470	53.700	49.360	0.000	102200.000	101500.000	101600.000
2	16:14:56	94.240%	20.550	52.670	48.800	0.000	99910.000	99500.000	99880.000
3	16:15:37	94.288%	22.700	49.920	48.270	0.000	99950.000	99320.000	99760.000
x		93.212%	106.193%	104.194%	97.620%	0.000	100.674%	100.100%	100.414%
σ		1.822%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.955	5.946	3.750	1.109	0.000	1.282	1.198	1.025

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	115900.000	525.700	0.000	102000.000	105700.000	104900.000	90.435%	2254.000
2	16:14:56	114300.000	524.800	0.000	100800.000	103900.000	104800.000	92.036%	2245.000
3	16:15:37	113800.000	520.800	0.000	100200.000	104900.000	105100.000	92.679%	2237.000
x		114.638%	104.755%	0.000	100.999%	104.833%	104.935%	91.717%	112.271%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.155%	n/a
%RSD		0.975	0.494	0.000	0.933	0.851	0.120	1.260	0.372

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	20.510	20.050	20.400	98730.000	103600.000	19.760	19.370	20.410
2	16:14:56	19.740	20.520	20.270	97080.000	104200.000	19.910	18.650	20.470
3	16:15:37	19.850	20.250	20.930	97080.000	104300.000	20.090	20.570	21.160
x		100.181%	101.361%	102.673%	97.630%	104.055%	99.605%	97.650%	103.400%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.085	1.177	1.710	0.976	0.348	0.843	4.976	2.025

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	21.370	23.240	20.450	19.710	48.070	48.440	0.000	23.810
2	16:14:56	19.670	23.330	21.930	19.990	49.990	52.330	0.000	23.840
3	16:15:37	22.040	23.340	22.400	22.220	52.180	52.650	0.000	23.580
x		105.130%	93.225%	86.372%	103.195%	100.159%	102.283%	0.000	118.722%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		5.826	0.241	4.721	6.658	4.100	4.577	0.000	0.593

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	101.368%	2070.000	2141.000	88.426%	20.340	20.470	20.470	19.670
2	16:14:56	103.458%	2081.000	2148.000	90.684%	21.010	19.940	20.920	20.020
3	16:15:37	104.570%	2088.000	2167.000	91.161%	20.010	19.750	19.950	19.510
x		103.132%	103.998%	107.590%	90.091%	102.269%	100.258%	102.225%	98.669%
σ		1.626%	n/a	n/a	1.461%	n/a	n/a	n/a	n/a
%RSD		1.576	0.433	0.614	1.621	2.498	1.874	2.383	1.333

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	96.156%	110.400	21.320	21.470	20.900	20.460	103.455%	104.895%
2	16:14:56	99.302%	108.500	21.960	21.260	22.380	21.610	106.416%	108.235%
3	16:15:37	100.208%	110.400	21.580	21.670	21.430	21.730	108.098%	110.064%
x		98.555%	109.762%	108.098%	107.333%	107.843%	106.326%	105.990%	107.731%
σ		2.127%	n/a	n/a	n/a	n/a	n/a	2.351%	2.621%
%RSD		2.158	0.987	1.487	0.952	3.484	3.307	2.218	2.433

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:14	20.360	20.360	21.400	21.530	21.390	102.212%
2	16:14:56	21.090	20.700	21.360	21.310	21.450	105.234%
3	16:15:37	21.010	20.890	21.290	21.670	21.590	105.119%
x		104.115%	103.255%	106.752%	107.513%	107.397%	104.188%
σ		n/a	n/a	n/a	n/a	n/a	1.713%
%RSD		1.924	1.291	0.241	0.857	0.471	1.644

CCV 664806 12/29/2012 4:21:21 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:03	87.342%	102.900	107.600	97.350	0.000	50640.000	50570.000	45700.000
2	16:22:44	87.952%	100.700	105.900	99.090	0.000	50130.000	45490.000	45990.000
3	16:23:26	89.616%	104.000	96.410	99.390	0.000	49630.000	45570.000	45850.000
x		88.303%	102.567%	103.295%	98.612%	0.000	100.271%	94.421%	91.695%
σ		1.177%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.333	1.642	5.831	1.118	0.000	1.004	6.172	0.314
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:03	514.800	5066.000	0.000	50150.000	50850.000	50150.000	92.109%	101.400
2	16:22:44	509.400	5097.000	0.000	49920.000	50970.000	50400.000	93.088%	103.600
3	16:23:26	508.400	5082.000	0.000	49630.000	50980.000	51020.000	93.151%	100.200
x		102.170%	101.637%	0.000	99.794%	101.863%	101.046%	92.783%	101.716%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.584%	n/a
%RSD		0.679	0.307	0.000	0.526	0.139	0.883	0.629	1.741
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:03	97.770	99.190	503.100	24740.000	25300.000	101.200	100.500	100.200
2	16:22:44	99.300	99.940	507.600	24360.000	25300.000	101.300	100.200	101.900
3	16:23:26	101.100	101.300	510.100	24350.000	25480.000	102.100	100.900	102.400
x		99.380%	100.159%	101.382%	97.939%	101.437%	101.544%	100.534%	101.472%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.665	1.095	0.704	0.920	0.396	0.463	0.344	1.149
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:03	101.000	103.700	106.000	102.900	96.820	101.200	0.000	99.390
2	16:22:44	101.500	102.400	104.300	100.600	104.300	103.700	0.000	99.340
3	16:23:26	102.100	104.900	103.600	100.300	101.000	103.900	0.000	98.420
x		101.559%	103.682%	104.634%	101.275%	100.705%	102.954%	0.000	99.052%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.566	1.250	1.194	1.409	3.742	1.448	0.000	0.553
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:03	97.150%	103.100	103.500	95.325%	98.370	97.350	98.180	97.060
2	16:22:44	99.072%	102.500	102.700	97.379%	97.570	97.930	100.300	96.800
3	16:23:26	99.645%	105.100	103.200	97.906%	98.990	97.920	97.030	96.480
x		98.622%	103.571%	103.144%	96.870%	98.311%	97.734%	98.512%	96.781%
σ		1.307%	n/a	n/a	1.364%	n/a	n/a	n/a	n/a
%RSD		1.325	1.322	0.409	1.408	0.722	0.337	1.693	0.304
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:03	99.780%	99.470	100.400	99.170	97.960	96.860	104.235%	106.705%
2	16:22:44	103.954%	98.110	98.940	100.400	99.310	99.180	108.104%	109.368%
3	16:23:26	104.779%	99.330	99.130	98.250	97.890	99.830	109.767%	110.787%
x		102.838%	98.969%	99.492%	99.285%	98.386%	98.622%	107.368%	108.954%
σ		2.680%	n/a	n/a	n/a	n/a	n/a	2.838%	2.072%
%RSD		2.606	0.754	0.802	1.101	0.812	1.587	2.643	1.902
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:22:03	99.950	99.110	100.200	99.210	99.690	103.595%		
2	16:22:44	99.320	99.730	101.000	99.500	100.000	107.133%		
3	16:23:26	100.200	99.890	100.100	99.650	100.000	107.969%		
x		99.836%	99.577%	100.453%	99.454%	99.910%	106.232%		
σ		n/a	n/a	n/a	n/a	n/a	2.322%		
%RSD		0.465	0.413	0.517	0.223	0.194	2.185		

CCB1 12/29/2012 4:28:29 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	97.260%	-0.031	0.098	0.577	0.000	-30.430	3.497	4.598
2	16:29:52	100.338%	-0.000	0.174	0.277	0.000	-29.890	4.539	3.702
3	16:30:34	102.955%	-0.031	0.253	0.125	0.000	-25.840	8.476	7.005
x		100.184%	-0.021	0.175	0.326	0.000	-28.720	5.504	5.102
σ		2.851%	0.017	0.078	0.230	0.000	2.506	2.626	1.708
%RSD		2.845	84.690	44.330	70.480	0.000	8.726	47.710	33.480

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	-2.781	3.904	0.000	29.230	18.880	4.814	103.316%	0.264
2	16:29:52	-3.117	3.563	0.000	29.820	14.210	2.221	105.082%	0.110
3	16:30:34	-2.068	4.233	0.000	32.190	22.760	10.210	105.050%	0.011
x		-2.655	3.900	0.000	30.410	18.620	5.748	104.483%	0.129
σ		0.535	0.335	0.000	1.568	4.284	4.076	1.011%	0.128
%RSD		20.170	8.585	0.000	5.156	23.010	70.910	0.967	99.060

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	0.050	0.061	0.061	17.130	20.270	-0.020	0.048	0.042
2	16:29:52	-0.005	-0.007	0.051	11.840	16.020	-0.002	0.063	-0.037
3	16:30:34	0.029	0.022	0.067	11.170	12.920	0.004	0.014	-0.022
x		0.025	0.025	0.060	13.380	16.410	-0.006	0.041	-0.006
σ		0.027	0.034	0.008	3.266	3.691	0.013	0.025	0.042
%RSD		111.100	133.300	13.340	24.410	22.500	218.000	60.940	749.600

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	0.161	0.254	0.361	0.049	0.108	0.316	0.000	0.015
2	16:29:52	0.104	0.404	0.112	-0.128	0.211	-0.205	0.000	0.001
3	16:30:34	0.021	0.147	0.419	0.040	-0.373	-0.234	0.000	0.037
x		0.095	0.268	0.297	-0.013	-0.018	-0.041	0.000	0.018
σ		0.071	0.129	0.163	0.100	0.311	0.309	0.000	0.018
%RSD		74.120	48.170	54.820	774.200	1742.000	756.900	0.000	101.200

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	104.669%	1.012	0.862	105.402%	0.023	0.017	0.181	0.055
2	16:29:52	106.783%	0.895	0.894	107.505%	0.004	0.008	0.060	-0.043
3	16:30:34	107.976%	0.734	0.743	108.429%	0.015	0.012	0.048	-0.010
x		106.476%	0.880	0.833	107.112%	0.014	0.012	0.097	0.001
σ		1.675%	0.139	0.079	1.551%	0.009	0.004	0.073	0.050
%RSD		1.573	15.820	9.535	1.448	66.690	33.200	76.120	9152.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	106.851%	0.315	0.025	0.003	-0.055	-0.017	107.584%	108.035%
2	16:29:52	109.450%	0.353	0.032	-0.003	-0.097	-0.065	110.443%	110.689%
3	16:30:34	109.877%	0.007	0.031	0.007	-0.077	-0.030	111.243%	111.671%
x		108.726%	0.225	0.029	0.002	-0.077	-0.037	109.757%	110.132%
σ		1.638%	0.190	0.004	0.005	0.021	0.025	1.923%	1.881%
%RSD		1.506	84.160	12.760	203.600	27.240	67.270	1.752	1.708

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:29:10	0.049	0.040	0.048	0.019	0.033	110.244%
2	16:29:52	0.052	0.046	0.009	0.021	0.026	112.504%
3	16:30:34	0.040	0.051	0.014	0.011	0.022	113.573%
x		0.047	0.046	0.024	0.017	0.027	112.107%
σ		0.006	0.005	0.022	0.005	0.006	1.700%
%RSD		13.010	11.830	90.540	29.430	20.660	1.516

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	101.869%	-0.001	-0.272	0.093	0.000	-43.110	-1.320	-0.674
2	16:36:59	104.127%	-0.031	-0.077	-0.011	0.000	-42.040	-0.856	-0.232
3	16:37:41	104.301%	-0.031	-0.184	-0.136	0.000	-39.510	-1.163	-0.178
x		103.432%	-0.021	-0.178	-0.018	0.000	-41.550	-1.113	-0.361
σ		1.357%	0.017	0.098	0.115	0.000	1.849	0.236	0.273
%RSD		1.312	82.980	54.990	646.700	0.000	4.449	21.190	75.440

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	-3.589	7.524	0.000	20.640	-2.960	1.495	104.618%	-0.038
2	16:36:59	-3.488	6.341	0.000	22.060	18.280	2.605	106.030%	0.109
3	16:37:41	-3.260	7.431	0.000	22.430	9.810	1.868	105.771%	0.109
x		-3.446	7.099	0.000	21.710	8.376	1.989	105.473%	0.060
σ		0.169	0.658	0.000	0.949	10.690	0.565	0.752%	0.085
%RSD		4.889	9.265	0.000	4.369	127.600	28.370	0.713	141.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	0.110	0.050	0.001	6.206	8.026	-0.026	0.080	0.141
2	16:36:59	0.011	0.051	0.018	5.184	6.374	-0.020	0.013	0.126
3	16:37:41	-0.000	0.041	-0.002	4.357	7.457	-0.014	0.014	0.002
x		0.040	0.048	0.006	5.249	7.286	-0.020	0.036	0.090
σ		0.060	0.006	0.011	0.926	0.839	0.006	0.038	0.077
%RSD		150.600	11.640	195.200	17.640	11.520	30.160	107.600	85.250

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	0.123	1.818	1.610	-0.145	0.069	-0.427	0.000	-0.035
2	16:36:59	0.053	1.571	2.099	-0.324	-2.099	-0.902	0.000	-0.021
3	16:37:41	0.087	1.596	1.200	0.145	-1.262	0.791	0.000	-0.035
x		0.088	1.662	1.636	-0.108	-1.097	-0.179	0.000	-0.031
σ		0.035	0.136	0.450	0.237	1.093	0.873	0.000	0.008
%RSD		40.180	8.189	27.510	219.200	99.680	487.000	0.000	26.470

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	105.495%	0.484	0.395	106.009%	0.001	-0.003	0.054	0.009
2	16:36:59	106.915%	0.282	0.335	107.931%	0.004	-0.003	0.003	-0.020
3	16:37:41	106.490%	0.474	0.421	107.877%	-0.003	-0.003	0.005	-0.051
x		106.300%	0.414	0.384	107.272%	0.001	-0.003	0.020	-0.021
σ		0.729%	0.114	0.044	1.095%	0.004	0.000	0.029	0.030
%RSD		0.686	27.540	11.590	1.020	519.600	1.345	141.100	145.900

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	106.717%	1.604	0.009	-0.012	-0.097	-0.053	106.864%	107.934%
2	16:36:59	108.139%	1.483	-0.003	-0.023	-0.077	-0.065	109.299%	109.690%
3	16:37:41	109.307%	1.338	0.005	-0.018	-0.036	-0.030	108.903%	110.126%
x		108.054%	1.475	0.004	-0.018	-0.070	-0.049	108.356%	109.250%
σ		1.297%	0.133	0.006	0.005	0.031	0.018	1.307%	1.161%
%RSD		1.200	9.043	170.500	29.680	43.990	36.920	1.206	1.062

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:36:17	0.021	0.025	0.007	0.025	0.014	110.691%
2	16:36:59	0.016	0.015	0.014	0.018	0.017	112.159%
3	16:37:41	0.023	0.010	0.006	0.015	0.017	112.245%
x		0.020	0.017	0.009	0.019	0.016	111.698%
σ		0.003	0.008	0.005	0.005	0.002	0.874%
%RSD		17.280	46.750	50.290	26.420	9.533	0.782

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	94.663%	50.140	984.200	957.900	0.000	47880.000	42790.000	43220.000
2	16:41:13	94.972%	51.320	1024.000	979.800	0.000	47530.000	43370.000	47480.000
3	16:41:54	94.304%	50.540	1034.000	986.300	0.000	47680.000	43470.000	43880.000
x		94.646%	50.670	1014.000	974.700	0.000	47700.000	43210.000	44860.000
σ		0.335%	0.599	26.270	14.870	0.000	172.800	368.400	2293.000
%RSD		0.354	1.181	2.591	1.525	0.000	0.362	0.853	5.112

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	1905.000	9492.000	0.000	48380.000	50080.000	48890.000	92.944%	961.000
2	16:41:13	1920.000	9513.000	0.000	47630.000	49320.000	48770.000	94.877%	972.600
3	16:41:54	1926.000	9570.000	0.000	47500.000	50000.000	48960.000	94.411%	968.400
x		1917.000	9525.000	0.000	47840.000	49800.000	48870.000	94.077%	967.300
σ		10.730	40.360	0.000	472.300	417.100	94.450	1.009%	5.890
%RSD		0.560	0.424	0.000	0.987	0.838	0.193	1.072	0.609

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	488.400	194.500	489.700	921.200	1186.000	481.900	485.700	244.200
2	16:41:13	486.900	194.100	489.800	923.800	1190.000	481.900	484.900	240.700
3	16:41:54	482.600	193.900	493.400	926.700	1203.000	482.600	477.300	236.300
x		486.000	194.100	491.000	923.900	1193.000	482.100	482.600	240.400
σ		2.997	0.310	2.109	2.752	9.095	0.431	4.616	3.949
%RSD		0.617	0.160	0.430	0.298	0.762	0.089	0.957	1.643

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	238.400	510.700	514.000	38.500	10.490	10.790	0.000	953.900
2	16:41:13	237.800	515.700	522.600	38.780	8.410	9.416	0.000	961.500
3	16:41:54	240.700	515.100	516.100	37.050	11.220	9.252	0.000	960.000
x		239.000	513.800	517.600	38.110	10.040	9.820	0.000	958.400
σ		1.546	2.731	4.463	0.928	1.458	0.847	0.000	4.020
%RSD		0.647	0.532	0.862	2.434	14.520	8.622	0.000	0.419

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	97.872%	937.200	944.700	94.825%	48.360	48.300	50.520	41.420
2	16:41:13	99.837%	969.200	980.400	97.277%	48.100	49.200	51.420	41.450
3	16:41:54	99.787%	972.700	980.800	97.366%	47.900	47.570	49.540	41.690
x		99.166%	959.700	968.600	96.490%	48.120	48.360	50.500	41.520
σ		1.120%	19.590	20.760	1.442%	0.230	0.819	0.940	0.149
%RSD		1.130	2.041	2.143	1.495	0.478	1.693	1.862	0.358

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	99.840%	1964.000	490.900	491.700	1922.000	1922.000	104.752%	106.444%
2	16:41:13	102.197%	1991.000	499.700	498.900	1920.000	1928.000	108.458%	109.237%
3	16:41:54	104.372%	1973.000	493.500	494.700	1923.000	1911.000	108.673%	110.965%
x		102.137%	1976.000	494.700	495.100	1922.000	1920.000	107.294%	108.882%
σ		2.267%	14.110	4.532	3.648	1.633	8.671	2.204%	2.282%
%RSD		2.219	0.714	0.916	0.737	0.085	0.452	2.055	2.095

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:31	45.350	45.650	19.870	19.400	19.600	105.065%
2	16:41:13	47.030	47.170	19.800	19.780	19.940	107.389%
3	16:41:54	48.310	47.510	20.090	20.540	20.220	107.593%
x		46.900	46.780	19.920	19.910	19.920	106.683%
σ		1.484	0.989	0.152	0.579	0.311	1.404%
%RSD		3.164	2.114	0.763	2.906	1.561	1.316

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	96.502%	50.270	1007.000	968.000	0.000	47820.000	43630.000	44010.000
2	16:45:26	97.184%	49.890	980.800	979.500	0.000	47430.000	43730.000	47850.000
3	16:46:08	95.922%	49.860	1007.000	976.300	0.000	47790.000	44150.000	44700.000
x		96.536%	50.000	998.300	974.600	0.000	47680.000	43840.000	45520.000
σ		0.632%	0.230	15.140	5.938	0.000	214.600	276.600	2045.000
%RSD		0.654	0.460	1.517	0.609	0.000	0.450	0.631	4.492

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	1948.000	9833.000	0.000	49330.000	51770.000	51020.000	89.396%	1031.000
2	16:45:26	1966.000	9831.000	0.000	48900.000	51140.000	51100.000	89.284%	1015.000
3	16:46:08	1971.000	9932.000	0.000	49380.000	52020.000	51670.000	87.840%	1037.000
x		1962.000	9865.000	0.000	49200.000	51640.000	51260.000	88.840%	1028.000
σ		11.740	57.420	0.000	260.700	456.000	351.700	0.868%	11.530
%RSD		0.598	0.582	0.000	0.530	0.883	0.686	0.977	1.122

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	511.300	205.100	516.600	851.400	1088.000	511.000	514.300	255.700
2	16:45:26	513.800	205.800	517.000	851.000	1138.000	515.000	509.400	254.200
3	16:46:08	522.000	208.000	521.100	859.800	1102.000	515.600	518.400	258.300
x		515.700	206.300	518.200	854.100	1110.000	513.900	514.000	256.100
σ		5.611	1.549	2.468	4.974	25.670	2.493	4.518	2.051
%RSD		1.088	0.751	0.476	0.582	2.313	0.485	0.879	0.801

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	253.100	538.900	534.600	41.850	9.946	8.838	0.000	980.600
2	16:45:26	255.700	544.000	545.300	40.310	9.114	11.590	0.000	990.500
3	16:46:08	255.600	542.200	548.800	41.730	11.060	11.110	0.000	988.100
x		254.800	541.700	542.900	41.300	10.040	10.510	0.000	986.400
σ		1.471	2.591	7.406	0.857	0.975	1.471	0.000	5.171
%RSD		0.577	0.478	1.364	2.075	9.713	13.990	0.000	0.524

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	95.725%	985.300	993.000	92.945%	50.600	50.000	50.010	42.880
2	16:45:26	95.752%	1010.000	1007.000	94.124%	49.930	48.990	51.030	42.240
3	16:46:08	95.731%	1018.000	1020.000	93.230%	50.700	49.860	53.480	43.560
x		95.736%	1004.000	1007.000	93.433%	50.410	49.620	51.500	42.890
σ		0.014%	16.980	13.750	0.616%	0.420	0.550	1.782	0.660
%RSD		0.015	1.691	1.366	0.659	0.833	1.109	3.460	1.539

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	98.376%	2035.000	505.700	501.800	1963.000	1982.000	103.403%	106.142%
2	16:45:26	100.113%	2027.000	505.700	505.500	1971.000	1968.000	105.958%	106.819%
3	16:46:08	99.057%	2040.000	507.100	511.200	1985.000	1979.000	105.655%	106.816%
x		99.182%	2034.000	506.200	506.200	1973.000	1976.000	105.005%	106.592%
σ		0.875%	6.766	0.806	4.722	11.090	7.646	1.396%	0.390%
%RSD		0.882	0.333	0.159	0.933	0.562	0.387	1.329	0.366

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:44	48.770	48.170	20.640	20.940	20.670	102.466%
2	16:45:26	50.220	50.050	21.050	20.950	20.970	102.728%
3	16:46:08	50.480	50.660	21.180	20.720	21.020	102.295%
x		49.820	49.630	20.960	20.870	20.890	102.496%
σ		0.920	1.296	0.284	0.132	0.189	0.218%
%RSD		1.847	2.612	1.354	0.630	0.906	0.213

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	93.825%	-0.031	161.100	167.000	0.000	36800.000	9509.000	9571.000
2	16:49:40	95.030%	0.002	165.000	165.000	0.000	36540.000	9577.000	9581.000
3	16:50:21	94.214%	0.002	163.600	166.100	0.000	36640.000	9596.000	9608.000
x		94.356%	-0.009	163.200	166.000	0.000	36660.000	9560.000	9587.000
σ		0.615%	0.019	1.990	0.991	0.000	130.600	45.640	18.730
%RSD		0.652	204.000	1.219	0.597	0.000	0.356	0.477	0.195

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	-1.924	5947.000	0.000	1670.000	26900.000	27180.000	88.875%	3.473
2	16:49:40	-2.541	5967.000	0.000	1684.000	27500.000	27140.000	89.229%	2.179
3	16:50:21	-2.396	5914.000	0.000	1673.000	26840.000	27100.000	89.581%	1.591
x		-2.287	5942.000	0.000	1676.000	27080.000	27140.000	89.228%	2.414
σ		0.323	26.790	0.000	7.250	362.700	37.320	0.353%	0.963
%RSD		14.120	0.451	0.000	0.433	1.339	0.138	0.396	39.860

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	-0.432	0.595	52.220	228.100	317.400	0.121	0.241	1.196
2	16:49:40	-1.689	0.516	52.490	225.800	305.900	0.076	0.118	1.077
3	16:50:21	-0.953	0.488	52.670	221.600	306.000	0.040	0.103	1.087
x		-1.025	0.533	52.460	225.200	309.800	0.079	0.154	1.120
σ		0.632	0.056	0.227	3.278	6.605	0.041	0.075	0.066
%RSD		61.620	10.460	0.432	1.456	2.132	51.500	48.880	5.890

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	1.439	2.223	3.121	1.133	-0.665	-0.812	0.000	762.100
2	16:49:40	1.239	2.187	3.261	2.179	-1.222	-0.631	0.000	773.200
3	16:50:21	1.155	2.150	3.442	0.782	-1.242	-1.129	0.000	764.200
x		1.278	2.187	3.275	1.365	-1.043	-0.857	0.000	766.500
σ		0.146	0.036	0.161	0.726	0.328	0.252	0.000	5.919
%RSD		11.440	1.648	4.907	53.230	31.430	29.400	0.000	0.772

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	91.417%	12.740	12.020	89.868%	0.002	0.020	-0.005	-0.151
2	16:49:40	92.054%	7.237	7.785	90.813%	0.014	0.015	0.040	-0.114
3	16:50:21	92.772%	5.246	5.354	91.079%	0.006	0.006	0.039	-0.111
x		92.081%	8.409	8.385	90.587%	0.007	0.014	0.024	-0.125
σ		0.678%	3.884	3.372	0.637%	0.006	0.007	0.026	0.022
%RSD		0.736	46.190	40.210	0.703	85.420	50.180	106.100	17.970

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	95.449%	15.070	0.238	0.268	327.000	324.800	99.568%	101.071%
2	16:49:40	96.700%	10.480	0.156	0.169	328.800	330.500	101.270%	103.331%
3	16:50:21	97.075%	8.274	0.116	0.112	332.400	330.200	102.038%	103.130%
x		96.408%	11.270	0.170	0.183	329.400	328.500	100.959%	102.511%
σ		0.851%	3.466	0.062	0.079	2.777	3.188	1.264%	1.251%
%RSD		0.883	30.750	36.490	43.100	0.843	0.970	1.252	1.220

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:58	1.171	1.126	0.142	0.152	0.138	101.653%
2	16:49:40	0.827	0.858	0.131	0.116	0.116	102.889%
3	16:50:21	0.629	0.649	0.110	0.096	0.100	103.192%
x		0.876	0.878	0.127	0.121	0.118	102.578%
σ		0.274	0.239	0.016	0.029	0.019	0.816%
%RSD		31.280	27.200	12.820	23.540	16.110	0.795

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	84.505%	0.005	39.820	40.790	0.000	7456.000	1918.000	1917.000
2	16:53:54	84.845%	0.041	39.280	39.960	0.000	7490.000	1929.000	1920.000
3	16:54:35	86.366%	-0.031	33.540	39.300	0.000	7396.000	1916.000	1914.000
x		85.239%	0.005	37.550	40.010	0.000	7447.000	1921.000	1917.000
σ		0.991%	0.036	3.482	0.749	0.000	47.430	7.123	2.879
%RSD		1.162	685.900	9.274	1.872	0.000	0.637	0.371	0.150

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	-3.372	1184.000	0.000	351.000	5627.000	5391.000	84.915%	0.829
2	16:53:54	-3.270	1186.000	0.000	355.400	5602.000	5463.000	84.961%	1.194
3	16:54:35	-3.622	1186.000	0.000	355.400	5458.000	5516.000	85.066%	0.949
x		-3.422	1185.000	0.000	353.900	5562.000	5456.000	84.981%	0.991
σ		0.181	1.191	0.000	2.530	91.220	62.960	0.078%	0.186
%RSD		5.301	0.101	0.000	0.715	1.640	1.154	0.091	18.780

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	0.121	0.146	10.500	47.310	65.180	0.205	0.300	0.542
2	16:53:54	0.050	0.061	10.430	46.640	61.300	0.127	0.199	0.470
3	16:54:35	-0.372	0.142	10.920	46.530	62.510	0.150	0.320	0.345
x		-0.067	0.116	10.620	46.830	63.000	0.161	0.273	0.452
σ		0.267	0.048	0.265	0.425	1.984	0.040	0.065	0.100
%RSD		398.000	41.360	2.491	0.907	3.150	24.650	23.910	22.100

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	0.377	0.948	1.555	0.170	-1.280	-0.838	0.000	151.900
2	16:53:54	0.493	0.650	1.543	-0.346	-0.968	-0.958	0.000	153.600
3	16:54:35	0.515	1.031	1.099	-0.477	-1.634	-1.939	0.000	153.400
x		0.462	0.876	1.399	-0.217	-1.294	-1.245	0.000	152.900
σ		0.074	0.200	0.259	0.342	0.333	0.604	0.000	0.921
%RSD		16.080	22.870	18.550	157.300	25.730	48.500	0.000	0.602

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	86.762%	2.500	2.444	86.980%	0.002	0.016	0.034	-0.042
2	16:53:54	87.800%	2.397	2.371	87.778%	0.028	0.016	0.089	-0.050
3	16:54:35	87.297%	2.114	2.050	87.587%	0.028	0.016	-0.045	-0.062
x		87.286%	2.337	2.288	87.448%	0.019	0.016	0.026	-0.051
σ		0.519%	0.200	0.210	0.417%	0.015	0.000	0.067	0.010
%RSD		0.595	8.566	9.157	0.477	76.570	0.997	260.100	19.270

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	90.617%	4.743	0.266	0.242	66.190	66.890	95.164%	95.903%
2	16:53:54	92.174%	4.147	0.188	0.297	64.420	66.080	96.237%	97.336%
3	16:54:35	91.980%	4.307	0.175	0.232	66.700	65.360	96.566%	96.393%
x		91.590%	4.399	0.209	0.257	65.770	66.110	95.989%	96.544%
σ		0.848%	0.309	0.049	0.035	1.198	0.761	0.733%	0.728%
%RSD		0.926	7.017	23.550	13.490	1.822	1.152	0.764	0.754

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:12	0.454	0.430	0.024	0.025	0.030	96.218%
2	16:53:54	0.433	0.407	0.024	0.032	0.029	97.303%
3	16:54:35	0.420	0.320	0.027	0.024	0.040	97.930%
x		0.436	0.385	0.025	0.027	0.033	97.150%
σ		0.017	0.058	0.002	0.004	0.006	0.866%
%RSD		3.841	15.080	6.052	14.950	18.910	0.892

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	86.384%	0.040	33.880	33.720	0.000	15360.000	5170.000	5169.000
2	16:58:09	86.428%	0.146	34.600	34.600	0.000	15350.000	5220.000	5216.000
3	16:58:51	88.002%	0.178	29.890	33.330	0.000	15120.000	5137.000	5160.000
x		86.938%	0.121	32.790	33.880	0.000	15280.000	5176.000	5182.000
σ		0.922%	0.072	2.537	0.647	0.000	135.300	42.170	29.750
%RSD		1.060	59.480	7.739	1.909	0.000	0.886	0.815	0.574

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	978.300	3459.000	0.000	2004.000	24750.000	24530.000	82.998%	9.719
2	16:58:09	981.400	3456.000	0.000	2006.000	24850.000	24430.000	83.608%	10.330
3	16:58:51	976.500	3403.000	0.000	2018.000	25180.000	24500.000	83.497%	9.842
x		978.700	3439.000	0.000	2009.000	24920.000	24490.000	83.367%	9.962
σ		2.465	31.460	0.000	7.661	224.300	47.380	0.325%	0.321
%RSD		0.252	0.915	0.000	0.381	0.900	0.194	0.390	3.224

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	0.727	1.953	264.800	2066.000	2530.000	2.808	5.267	30.350
2	16:58:09	1.140	1.810	266.900	2072.000	2603.000	2.890	6.167	29.530
3	16:58:51	1.343	1.952	267.300	2082.000	2547.000	2.863	6.894	28.550
x		1.070	1.905	266.300	2073.000	2560.000	2.854	6.110	29.470
σ		0.314	0.082	1.333	8.526	38.410	0.042	0.815	0.901
%RSD		29.330	4.307	0.501	0.411	1.500	1.460	13.340	3.058

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	27.630	27.130	28.350	0.833	-0.684	-0.927	0.000	124.800
2	16:58:09	27.530	28.080	30.350	0.035	-0.499	-2.002	0.000	126.200
3	16:58:51	30.070	27.910	26.620	0.495	-1.070	-0.067	0.000	125.800
x		28.410	27.710	28.440	0.454	-0.751	-0.999	0.000	125.600
σ		1.436	0.508	1.870	0.400	0.291	0.970	0.000	0.707
%RSD		5.055	1.833	6.573	88.080	38.760	97.090	0.000	0.563

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	86.485%	1.238	1.621	84.379%	0.034	0.032	0.224	0.152
2	16:58:09	87.674%	1.609	1.552	85.890%	0.072	0.073	0.001	0.025
3	16:58:51	87.912%	1.357	1.523	86.236%	0.029	0.035	0.008	0.117
x		87.357%	1.401	1.565	85.502%	0.045	0.046	0.078	0.098
σ		0.765%	0.190	0.050	0.988%	0.024	0.023	0.127	0.066
%RSD		0.875	13.540	3.225	1.155	53.220	48.990	162.700	67.130

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	88.135%	5.341	0.183	0.152	45.790	46.100	93.094%	94.343%
2	16:58:09	91.642%	5.105	0.189	0.162	48.870	46.890	96.223%	97.280%
3	16:58:51	91.464%	4.710	0.222	0.240	45.850	45.580	96.456%	97.519%
x		90.414%	5.052	0.198	0.185	46.840	46.190	95.258%	96.381%
σ		1.975%	0.319	0.021	0.048	1.760	0.661	1.877%	1.769%
%RSD		2.185	6.309	10.500	26.020	3.758	1.432	1.971	1.835

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:27	0.247	0.278	5.653	5.732	5.691	97.148%
2	16:58:09	0.215	0.271	5.806	5.670	5.715	98.242%
3	16:58:51	0.228	0.226	5.799	5.747	5.751	99.369%
x		0.230	0.258	5.753	5.716	5.719	98.253%
σ		0.016	0.028	0.086	0.041	0.030	1.111%
%RSD		6.944	10.930	1.500	0.716	0.521	1.130

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	86.269%	0.040	30.260	31.620	0.000	15830.000	4886.000	4871.000
2	17:02:25	87.806%	-0.031	29.890	30.870	0.000	15830.000	4898.000	4891.000
3	17:03:06	87.204%	0.074	30.730	30.550	0.000	15840.000	4897.000	4924.000
x		87.093%	0.028	30.300	31.010	0.000	15830.000	4894.000	4896.000
σ		0.774%	0.054	0.418	0.551	0.000	3.879	6.397	26.990
%RSD		0.889	191.500	1.380	1.777	0.000	0.024	0.131	0.551

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	570.900	2292.000	0.000	1923.000	23900.000	23240.000	81.535%	2.075
2	17:02:25	571.000	2304.000	0.000	1932.000	23460.000	23210.000	81.732%	1.499
3	17:03:06	577.800	2301.000	0.000	1930.000	23740.000	23450.000	81.500%	2.648
x		573.300	2299.000	0.000	1928.000	23700.000	23300.000	81.589%	2.074
σ		3.953	6.071	0.000	4.826	218.800	129.400	0.125%	0.575
%RSD		0.690	0.264	0.000	0.250	0.923	0.555	0.153	27.710

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	-0.553	0.747	47.960	683.100	889.200	0.222	2.718	56.360
2	17:02:25	-1.436	0.876	47.910	679.800	859.000	0.296	2.938	57.610
3	17:03:06	-0.646	0.702	48.270	681.500	868.000	0.292	2.692	57.020
x		-0.878	0.775	48.050	681.500	872.100	0.270	2.783	57.000
σ		0.486	0.090	0.194	1.610	15.500	0.042	0.135	0.622
%RSD		55.290	11.660	0.404	0.236	1.777	15.510	4.858	1.091

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	56.700	143.200	141.500	-0.644	-1.654	-2.650	0.000	120.400
2	17:02:25	56.000	140.700	142.200	-0.118	-1.087	-0.925	0.000	120.700
3	17:03:06	56.370	143.900	140.600	-0.281	-1.435	-1.087	0.000	121.900
x		56.360	142.600	141.400	-0.348	-1.392	-1.554	0.000	121.000
σ		0.351	1.663	0.774	0.270	0.286	0.952	0.000	0.778
%RSD		0.623	1.166	0.547	77.540	20.530	61.280	0.000	0.643

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	84.117%	1.194	1.451	83.342%	0.093	0.056	0.277	0.110
2	17:02:25	84.816%	1.104	1.115	84.230%	0.029	0.036	0.115	0.080
3	17:03:06	84.806%	0.915	0.938	84.030%	0.025	0.060	0.221	0.024
x		84.580%	1.071	1.168	83.868%	0.049	0.051	0.204	0.071
σ		0.401%	0.143	0.261	0.466%	0.038	0.013	0.082	0.043
%RSD		0.474	13.300	22.300	0.555	77.530	25.390	40.290	60.790

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	89.444%	3.828	0.119	0.101	35.640	34.740	93.385%	94.523%
2	17:02:25	90.105%	4.024	0.094	0.118	35.020	34.100	94.320%	96.013%
3	17:03:06	89.535%	3.858	0.142	0.094	36.250	35.930	94.484%	96.018%
x		89.695%	3.903	0.119	0.104	35.640	34.930	94.063%	95.518%
σ		0.358%	0.106	0.024	0.012	0.615	0.926	0.593%	0.862%
%RSD		0.399	2.713	20.120	11.620	1.725	2.653	0.630	0.902

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:43	0.183	0.160	8.535	8.144	8.240	95.499%
2	17:02:25	0.209	0.162	8.533	8.408	8.393	96.636%
3	17:03:06	0.159	0.187	8.470	8.354	8.414	96.633%
x		0.183	0.170	8.513	8.302	8.349	96.256%
σ		0.025	0.015	0.037	0.140	0.095	0.655%
%RSD		13.410	8.959	0.433	1.684	1.140	0.681

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	84.026%	0.006	2076.000	1989.000	0.000	53600.000	99270.000	98850.000
2	17:06:40	83.329%	-0.031	2120.000	2007.000	0.000	50780.000	93370.000	92930.000
3	17:07:21	84.041%	0.006	2177.000	2040.000	0.000	53660.000	99540.000	99610.000
x		83.799%	-0.006	2124.000	2012.000	0.000	52680.000	97400.000	97130.000
σ		0.407%	0.021	50.510	25.860	0.000	1643.000	3489.000	3657.000
%RSD		0.485	329.500	2.378	1.285	0.000	3.119	3.582	3.765

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	61.110	3948.000	0.000	12180.000	278000.000	321700.000	78.040%	3.972
2	17:06:40	58.810	3739.000	0.000	10940.000	246700.000	283400.000	88.584%	2.800
3	17:07:21	62.860	4034.000	0.000	12190.000	282800.000	322600.000	77.376%	4.405
x		60.920	3907.000	0.000	11770.000	269200.000	309200.000	81.333%	3.726
σ		2.031	151.500	0.000	719.600	19620.000	22330.000	6.288%	0.830
%RSD		3.334	3.877	0.000	6.114	7.287	7.222	7.731	22.290

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	0.920	0.651	38.890	185.600	598.300	0.537	3.429	1.392
2	17:06:40	1.014	0.697	35.730	162.600	514.000	0.492	2.872	1.304
3	17:07:21	2.016	0.701	38.930	182.100	577.000	0.597	3.545	1.340
x		1.317	0.683	37.850	176.800	563.100	0.542	3.282	1.345
σ		0.607	0.028	1.840	12.390	43.840	0.053	0.360	0.044
%RSD		46.110	4.056	4.861	7.009	7.786	9.785	10.960	3.303

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	2.389	23.170	24.780	2.256	11.190	11.550	0.000	498.600
2	17:06:40	1.948	22.100	22.000	0.779	7.769	10.490	0.000	495.400
3	17:07:21	2.079	24.650	22.870	1.024	11.720	13.940	0.000	502.000
x		2.139	23.310	23.220	1.353	10.220	11.990	0.000	498.600
σ		0.227	1.283	1.419	0.791	2.143	1.767	0.000	3.306
%RSD		10.600	5.506	6.111	58.490	20.960	14.730	0.000	0.663

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	78.132%	5.718	5.307	74.385%	0.009	0.009	0.032	-0.131
2	17:06:40	79.519%	5.536	5.739	75.521%	0.003	0.025	0.196	0.123
3	17:07:21	79.007%	5.605	5.690	75.746%	0.003	-0.002	0.123	0.080
x		78.886%	5.620	5.579	75.217%	0.005	0.011	0.117	0.024
σ		0.701%	0.092	0.237	0.730%	0.003	0.013	0.082	0.136
%RSD		0.889	1.633	4.239	0.970	58.360	124.600	70.340	563.500

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	81.776%	6.935	0.260	0.178	27.550	28.340	88.372%	88.640%
2	17:06:40	82.441%	5.935	0.232	0.189	28.370	28.110	89.528%	90.592%
3	17:07:21	83.670%	5.681	0.213	0.277	27.510	27.670	90.375%	91.571%
x		82.629%	6.184	0.235	0.215	27.810	28.040	89.425%	90.268%
σ		0.960%	0.663	0.023	0.054	0.489	0.338	1.005%	1.492%
%RSD		1.162	10.720	9.963	25.070	1.758	1.206	1.124	1.653

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	0.135	0.157	0.379	0.468	0.433	84.021%
2	17:06:40	0.122	0.154	0.458	0.375	0.422	84.591%
3	17:07:21	0.114	0.121	0.394	0.457	0.431	85.964%
x		0.123	0.144	0.410	0.433	0.429	84.859%
σ		0.011	0.020	0.042	0.051	0.006	0.999%
%RSD		8.607	13.890	10.270	11.770	1.312	1.177

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	83.667%	0.265	14.470	13.490	0.000	2293.000	3626.000	3612.000
2	17:24:29	84.693%	0.006	14.150	14.670	0.000	2282.000	3644.000	3630.000
3	17:25:11	83.027%	0.081	14.420	14.050	0.000	2315.000	3611.000	3662.000
x		83.796%	0.118	14.350	14.070	0.000	2297.000	3627.000	3635.000
σ		0.841%	0.134	0.170	0.587	0.000	16.800	16.210	25.630
%RSD		1.003	113.700	1.183	4.172	0.000	0.732	0.447	0.705

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	484.800	4727.000	0.000	988.400	19370.000	19070.000	67.378%	2.528
2	17:24:29	486.600	4754.000	0.000	992.700	19180.000	19100.000	67.969%	1.742
3	17:25:11	492.700	4781.000	0.000	990.200	19250.000	19100.000	67.901%	2.431
x		488.000	4754.000	0.000	990.400	19260.000	19090.000	67.749%	2.234
σ		4.130	26.820	0.000	2.138	96.230	19.150	0.323%	0.428
%RSD		0.846	0.564	0.000	0.216	0.500	0.100	0.477	19.170

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	-0.406	0.474	538.000	262.200	339.300	5.173	12.280	9.363
2	17:24:29	-0.620	0.597	545.200	265.000	346.700	5.260	12.720	9.530
3	17:25:11	0.284	0.559	542.100	264.400	361.700	5.395	13.270	9.411
x		-0.247	0.543	541.800	263.900	349.200	5.276	12.760	9.435
σ		0.472	0.063	3.609	1.463	11.410	0.112	0.496	0.086
%RSD		190.900	11.530	0.666	0.554	3.268	2.114	3.890	0.913

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	9.816	37.040	38.320	0.674	-1.037	0.041	0.000	45.290
2	17:24:29	9.628	38.810	37.310	0.633	-1.620	0.461	0.000	47.010
3	17:25:11	8.584	40.680	38.340	-0.484	-0.650	0.516	0.000	47.040
x		9.343	38.840	37.990	0.275	-1.102	0.339	0.000	46.450
σ		0.664	1.821	0.590	0.657	0.488	0.260	0.000	1.005
%RSD		7.104	4.688	1.552	239.400	44.290	76.590	0.000	2.163

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	70.836%	0.223	0.450	72.316%	0.004	0.010	0.279	0.326
2	17:24:29	71.476%	0.379	0.258	73.715%	0.019	-0.001	0.432	0.249
3	17:25:11	71.566%	0.424	0.296	73.416%	0.009	0.015	0.118	0.169
x		71.293%	0.342	0.335	73.149%	0.011	0.008	0.276	0.248
σ		0.398%	0.106	0.102	0.737%	0.008	0.009	0.157	0.079
%RSD		0.558	30.850	30.390	1.007	71.880	106.500	56.840	31.690

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	73.372%	6.906	0.029	-0.004	155.400	150.500	82.679%	84.158%
2	17:24:29	75.073%	6.340	0.028	0.024	155.100	151.900	84.302%	85.286%
3	17:25:11	75.561%	5.878	0.033	0.017	147.300	151.900	84.701%	86.101%
x		74.669%	6.375	0.030	0.013	152.600	151.400	83.894%	85.181%
σ		1.149%	0.515	0.003	0.014	4.619	0.815	1.071%	0.976%
%RSD		1.539	8.082	9.256	114.700	3.027	0.538	1.276	1.145

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:23:47	0.090	0.082	0.259	0.312	0.283	82.124%
2	17:24:29	0.085	0.070	0.271	0.296	0.273	81.761%
3	17:25:11	0.046	0.069	0.272	0.271	0.289	80.517%
x		0.074	0.074	0.267	0.293	0.282	81.467%
σ		0.024	0.007	0.007	0.021	0.008	0.843%
%RSD		32.880	10.020	2.650	7.079	2.828	1.035

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:31:36	75.068%	0.748	4.187	6.857	0.000	60.340	80.980	80.520
2	17:32:18	76.333%	0.938	6.605	6.543	0.000	58.580	76.700	83.230
3	17:33:00	76.124%	0.738	6.764	6.322	0.000	60.200	81.480	82.430
x		75.842%	80.816%	117.039%	131.475%	0.000	74.633%	79.718%	82.060%
σ		0.678%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.894	13.960	24.680	4.089	0.000	1.642	3.297	1.702
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:31:36	27.650	478.600	0.000	88.400	128.400	106.800	64.601%	4.809
2	17:32:18	25.760	484.000	0.000	86.770	107.500	102.500	64.648%	4.323
3	17:33:00	27.270	485.700	0.000	86.750	154.900	105.600	65.080%	5.169
x		89.650%	96.552%	0.000	87.306%	130.269%	104.982%	64.776%	95.339%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.264%	n/a
%RSD		3.725	0.762	0.000	1.086	18.210	2.101	0.407	8.897
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:31:36	0.622	1.845	5.284	44.650	59.270	0.578	1.106	2.255
2	17:32:18	0.759	1.964	5.001	45.390	56.630	0.447	1.236	1.919
3	17:33:00	0.885	1.982	5.328	44.360	50.520	0.478	0.989	2.236
x		75.541%	96.527%	104.090%	89.602%	110.944%	100.206%	111.024%	106.842%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		17.420	3.849	3.408	1.185	8.091	13.680	11.120	8.831
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:31:36	2.028	5.215	5.646	1.053	4.744	3.964	0.000	4.825
2	17:32:18	1.787	4.795	4.882	1.438	4.425	5.263	0.000	4.922
3	17:33:00	2.052	6.125	4.990	0.725	3.880	6.068	0.000	4.871
x		97.788%	107.562%	103.457%	107.182%	86.998%	101.966%	0.000	97.457%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		7.485	12.640	7.998	33.300	10.050	20.830	0.000	0.995
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:31:36	66.936%	4.959	4.390	69.839%	0.968	1.007	0.947	0.772
2	17:32:18	67.166%	4.803	4.986	71.022%	1.094	0.905	0.886	1.071
3	17:33:00	68.182%	4.708	4.520	71.134%	0.915	1.058	0.758	1.128
x		67.428%	96.472%	92.636%	70.665%	99.227%	99.007%	86.361%	99.067%
σ		0.663%	n/a	n/a	0.718%	n/a	n/a	n/a	n/a
%RSD		0.984	2.628	6.766	1.015	9.281	7.844	11.160	19.300
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:31:36	70.137%	7.270	1.959	1.919	10.930	9.690	77.676%	78.869%
2	17:32:18	70.901%	7.277	1.984	2.079	10.150	9.455	78.648%	79.352%
3	17:33:00	70.725%	7.498	2.002	1.987	9.950	10.350	78.215%	79.615%
x		70.587%	146.966%	99.087%	99.751%	103.435%	98.322%	78.180%	79.279%
σ		0.400%	n/a	n/a	n/a	n/a	n/a	0.487%	0.379%
%RSD		0.567	1.762	1.093	4.029	5.013	4.730	0.623	0.478
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:31:36	1.147	1.105	1.134	1.058	1.084	73.258%		
2	17:32:18	1.034	1.089	1.116	1.152	1.077	73.856%		
3	17:33:00	1.228	1.113	0.991	0.996	1.057	74.285%		
x		113.591%	110.231%	108.044%	106.860%	107.268%	73.800%		
σ		n/a	n/a	n/a	n/a	n/a	0.516%		
%RSD		8.585	1.095	7.189	7.320	1.280	0.699		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	72.844%	108.700	114.900	103.800	0.000	51350.000	44720.000	45070.000
2	17:36:34	74.030%	104.800	103.200	103.600	0.000	50950.000	45320.000	45520.000
3	17:37:16	75.622%	106.700	107.100	105.900	0.000	50970.000	45460.000	45730.000
x		74.165%	106.744%	108.413%	104.432%	0.000	102.178%	90.335%	90.879%
σ		1.394%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.880	1.851	5.510	1.218	0.000	0.447	0.866	0.748

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	503.300	5138.000	0.000	52290.000	53100.000	51580.000	70.174%	107.300
2	17:36:34	502.600	5157.000	0.000	51580.000	52120.000	51750.000	71.529%	102.800
3	17:37:16	509.100	5155.000	0.000	51720.000	53060.000	52610.000	72.216%	108.900
x		100.999%	103.000%	0.000	103.719%	105.523%	103.955%	71.306%	106.322%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.039%	n/a
%RSD		0.712	0.198	0.000	0.725	1.051	1.062	1.457	2.989

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	102.000	103.700	512.000	26170.000	25630.000	103.200	103.400	102.700
2	17:36:34	104.400	104.400	518.900	25740.000	26030.000	101.800	103.900	103.100
3	17:37:16	104.000	104.700	525.600	25840.000	26180.000	103.300	106.700	102.700
x		103.497%	104.295%	103.768%	103.669%	103.784%	102.809%	104.632%	102.803%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.233	0.503	1.317	0.872	1.080	0.818	1.700	0.216

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	98.850	105.200	105.700	100.600	99.860	101.100	0.000	99.250
2	17:36:34	103.800	106.600	103.800	100.600	100.500	101.400	0.000	100.400
3	17:37:16	99.860	103.600	107.900	98.920	96.530	101.400	0.000	99.870
x		100.833%	105.101%	105.788%	100.057%	98.965%	101.300%	0.000	99.848%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		2.582	1.432	1.968	0.985	2.159	0.151	0.000	0.592

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	76.276%	99.560	100.500	74.123%	99.860	99.720	101.500	99.830
2	17:36:34	78.224%	103.200	101.600	76.682%	100.400	98.260	97.640	99.420
3	17:37:16	80.003%	103.300	104.200	78.750%	98.780	98.800	100.600	98.840
x		78.168%	102.009%	102.073%	76.518%	99.694%	98.925%	99.888%	99.361%
σ		1.864%	n/a	n/a	2.318%	n/a	n/a	n/a	n/a
%RSD		2.385	2.078	1.855	3.029	0.848	0.744	1.997	0.498

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	77.626%	101.200	100.000	102.700	95.930	96.480	83.675%	84.793%
2	17:36:34	82.162%	98.680	100.300	99.970	96.460	96.180	87.465%	88.484%
3	17:37:16	83.320%	100.600	101.400	101.700	99.760	98.690	89.180%	91.039%
x		81.036%	100.148%	100.564%	101.480%	97.386%	97.116%	86.774%	88.105%
σ		3.010%	n/a	n/a	n/a	n/a	n/a	2.817%	3.140%
%RSD		3.714	1.309	0.764	1.379	2.129	1.416	3.246	3.564

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:35:53	98.600	98.620	100.000	98.990	100.100	84.294%
2	17:36:34	100.800	100.100	101.400	101.200	101.300	87.838%
3	17:37:16	101.400	100.500	101.400	101.300	101.500	89.336%
x		100.272%	99.760%	100.944%	100.509%	100.971%	87.156%
σ		n/a	n/a	n/a	n/a	n/a	2.589%
%RSD		1.472	1.009	0.780	1.313	0.730	2.971

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	80.154%	-0.031	1.034	0.832	0.000	-22.560	3.753	4.441
2	17:43:43	82.577%	-0.031	2.182	1.233	0.000	-21.150	4.989	4.871
3	17:44:24	80.450%	-0.031	0.616	1.335	0.000	-14.730	7.094	8.129
x		81.060%	-0.031	1.277	1.133	0.000	-19.480	5.279	5.814
σ		1.322%	0.000	0.811	0.266	0.000	4.172	1.689	2.016
%RSD		1.630	0.000	63.500	23.450	0.000	21.420	32.000	34.680

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	-4.162	3.944	0.000	6.817	25.390	2.377	79.295%	0.044
2	17:43:43	-3.951	3.140	0.000	8.336	8.310	10.790	79.698%	-0.022
3	17:44:24	-3.670	4.298	0.000	10.870	42.050	14.800	79.946%	-0.022
x		-3.928	3.794	0.000	8.675	25.250	9.322	79.647%	-0.000
σ		0.247	0.594	0.000	2.049	16.870	6.340	0.329%	0.038
%RSD		6.281	15.650	0.000	23.620	66.810	68.010	0.413	18690.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	0.036	0.006	0.032	14.670	18.010	-0.012	0.058	0.042
2	17:43:43	-0.029	0.016	0.027	9.817	14.000	0.000	0.100	-0.027
3	17:44:24	-0.020	-0.026	0.064	8.752	11.040	-0.008	0.013	0.067
x		-0.004	-0.001	0.041	11.080	14.350	-0.007	0.057	0.028
σ		0.035	0.022	0.020	3.152	3.496	0.006	0.044	0.049
%RSD		883.700	2271.000	48.620	28.450	24.360	93.990	76.090	176.400

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	0.087	0.398	0.279	-0.179	-0.215	-0.325	0.000	0.012
2	17:43:43	-0.092	0.700	0.338	-0.361	-1.274	-1.767	0.000	0.021
3	17:44:24	0.081	0.626	0.545	0.005	0.334	0.036	0.000	0.041
x		0.025	0.575	0.388	-0.179	-0.385	-0.686	0.000	0.025
σ		0.102	0.158	0.140	0.183	0.818	0.954	0.000	0.015
%RSD		401.100	27.460	36.050	102.400	212.500	139.100	0.000	59.340

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	77.311%	0.333	0.298	81.743%	0.021	0.013	0.078	0.046
2	17:43:43	79.061%	0.173	0.253	83.604%	0.016	0.037	-0.001	-0.107
3	17:44:24	78.970%	0.134	0.142	83.243%	0.012	0.018	0.143	0.080
x		78.447%	0.214	0.231	82.863%	0.017	0.023	0.073	0.006
σ		0.985%	0.106	0.080	0.987%	0.005	0.013	0.072	0.100
%RSD		1.256	49.430	34.810	1.191	29.150	56.880	98.080	1616.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	84.823%	0.591	0.032	0.019	-0.092	-0.020	87.038%	88.147%
2	17:43:43	85.896%	0.838	0.036	0.024	-0.117	-0.050	88.367%	89.493%
3	17:44:24	86.255%	0.217	0.046	-0.001	-0.016	-0.035	88.405%	90.358%
x		85.658%	0.549	0.038	0.014	-0.075	-0.035	87.936%	89.332%
σ		0.745%	0.313	0.007	0.013	0.053	0.015	0.778%	1.114%
%RSD		0.870	56.940	18.490	96.040	70.300	43.330	0.885	1.247

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:43:01	0.053	0.037	0.017	0.013	0.025	90.615%
2	17:43:43	0.038	0.054	0.014	0.028	0.023	91.831%
3	17:44:24	0.041	0.049	0.023	0.001	0.022	92.347%
x		0.044	0.047	0.018	0.014	0.023	91.598%
σ		0.008	0.009	0.005	0.013	0.001	0.889%
%RSD		17.920	18.640	26.960	95.580	5.405	0.971

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	84.245%	-0.031	1.476	1.410	0.000	-4.745	0.147	0.581
2	17:48:00	86.099%	-0.031	0.394	1.137	0.000	-2.510	-0.915	-0.066
3	17:48:42	87.196%	-0.031	0.761	1.189	0.000	-4.835	-0.382	-0.419
x		85.847%	-0.031	0.877	1.246	0.000	-4.030	-0.383	0.032
σ		1.492%	0.000	0.550	0.145	0.000	1.317	0.531	0.507
%RSD		1.738	0.000	62.740	11.640	0.000	32.680	138.600	1585.000

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	-3.998	4.764	0.000	15.040	20.120	3.329	77.664%	0.113
2	17:48:00	-4.266	4.323	0.000	13.710	25.740	5.337	78.014%	0.112
3	17:48:42	-4.097	5.646	0.000	14.040	31.400	8.069	78.151%	-0.021
x		-4.120	4.911	0.000	14.260	25.750	5.578	77.943%	0.068
σ		0.135	0.674	0.000	0.695	5.640	2.379	0.251%	0.077
%RSD		3.284	13.720	0.000	4.870	21.900	42.650	0.322	113.300

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	-0.781	0.066	0.014	4.422	8.685	-0.020	0.103	0.106
2	17:48:00	-0.665	0.108	-0.011	2.579	5.890	-0.024	0.014	0.249
3	17:48:42	-0.855	0.132	-0.011	2.067	6.020	-0.033	0.123	0.027
x		-0.767	0.102	-0.003	3.023	6.865	-0.026	0.080	0.128
σ		0.095	0.033	0.015	1.239	1.578	0.006	0.058	0.112
%RSD		12.430	32.550	502.800	40.970	22.980	24.760	72.570	88.200

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	-0.024	1.129	1.292	0.147	-0.522	0.568	0.000	0.043
2	17:48:00	-0.092	0.773	0.856	0.638	-0.941	-0.290	0.000	-0.007
3	17:48:42	-0.027	1.063	1.306	-0.303	-0.694	-1.280	0.000	-0.005
x		-0.047	0.989	1.151	0.161	-0.719	-0.334	0.000	0.010
σ		0.039	0.189	0.256	0.471	0.211	0.925	0.000	0.028
%RSD		81.330	19.160	22.210	293.100	29.280	276.700	0.000	275.100

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	79.455%	0.018	-0.005	80.532%	0.008	-0.002	-0.014	-0.113
2	17:48:00	80.896%	-0.106	-0.034	81.389%	0.017	-0.007	0.023	-0.054
3	17:48:42	80.769%	0.053	0.014	81.657%	0.003	0.003	0.108	0.047
x		80.373%	-0.012	-0.008	81.193%	0.009	-0.002	0.039	-0.040
σ		0.798%	0.083	0.024	0.588%	0.007	0.005	0.062	0.081
%RSD		0.993	707.900	293.600	0.724	78.420	251.400	159.900	201.700

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	83.733%	4.080	0.003	-0.007	-0.117	-0.035	86.909%	88.429%
2	17:48:00	84.717%	2.662	-0.003	-0.014	-0.066	-0.035	89.556%	90.427%
3	17:48:42	86.100%	3.328	0.007	-0.020	-0.117	-0.065	90.084%	91.443%
x		84.850%	3.357	0.002	-0.013	-0.100	-0.045	88.850%	90.100%
σ		1.189%	0.709	0.005	0.007	0.029	0.017	1.701%	1.533%
%RSD		1.402	21.130	211.400	49.510	29.280	38.650	1.915	1.702

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:19	0.034	0.031	0.013	0.012	0.014	94.012%
2	17:48:00	0.034	0.031	0.013	0.004	0.008	93.645%
3	17:48:42	0.021	0.045	-0.000	-0.007	0.008	92.860%
x		0.030	0.036	0.008	0.003	0.010	93.505%
σ		0.008	0.008	0.007	0.009	0.004	0.589%
%RSD		25.220	21.940	87.410	287.100	36.240	0.630

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	103.977%	51.310	1060.000	1022.000	0.000	48270.000	42920.000	43160.000
2	17:52:15	107.535%	51.100	1069.000	1023.000	0.000	47860.000	43230.000	47840.000
3	17:52:57	109.998%	55.340	1069.000	1027.000	0.000	47470.000	43250.000	43550.000
x		107.170%	52.580	1066.000	1024.000	0.000	47870.000	43130.000	44850.000
σ		3.027%	2.388	4.779	2.662	0.000	404.500	185.400	2595.000
%RSD		2.825	4.541	0.448	0.260	0.000	0.845	0.430	5.786

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	1850.000	9373.000	0.000	48640.000	49180.000	49420.000	84.266%	997.200
2	17:52:15	1865.000	9468.000	0.000	48290.000	50570.000	49700.000	86.272%	999.000
3	17:52:57	1856.000	9472.000	0.000	47940.000	49710.000	50080.000	87.273%	1008.000
x		1857.000	9437.000	0.000	48290.000	49820.000	49740.000	85.937%	1001.000
σ		7.470	56.140	0.000	349.000	701.800	334.700	1.532%	5.746
%RSD		0.402	0.595	0.000	0.723	1.409	0.673	1.782	0.574

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	481.900	201.200	500.800	825.900	1087.000	493.300	490.100	238.900
2	17:52:15	487.000	203.800	506.900	835.800	1099.000	499.800	494.600	240.700
3	17:52:57	492.000	204.000	509.700	840.500	1090.000	501.000	494.800	242.700
x		487.000	203.000	505.800	834.000	1092.000	498.000	493.200	240.800
σ		5.068	1.592	4.577	7.475	6.375	4.106	2.627	1.889
%RSD		1.041	0.784	0.905	0.896	0.584	0.825	0.533	0.785

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	240.600	482.000	496.000	38.510	8.944	7.230	0.000	1034.000
2	17:52:15	241.000	493.200	497.300	35.560	7.752	7.705	0.000	1048.000
3	17:52:57	242.900	496.800	496.500	36.310	10.170	9.399	0.000	1058.000
x		241.500	490.600	496.600	36.800	8.957	8.112	0.000	1047.000
σ		1.227	7.726	0.627	1.531	1.211	1.140	0.000	12.350
%RSD		0.508	1.575	0.126	4.160	13.520	14.060	0.000	1.180

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	79.017%	1063.000	1060.000	82.046%	48.070	47.750	47.950	40.890
2	17:52:15	81.376%	1078.000	1074.000	84.455%	49.350	48.450	47.370	38.600
3	17:52:57	81.616%	1082.000	1077.000	86.419%	47.670	47.450	47.820	38.970
x		80.670%	1074.000	1070.000	84.307%	48.360	47.880	47.710	39.480
σ		1.436%	10.210	9.119	2.190%	0.880	0.509	0.305	1.227
%RSD		1.780	0.950	0.852	2.598	1.820	1.062	0.639	3.108

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	88.299%	2093.000	490.400	487.700	1890.000	1873.000	96.352%	97.739%
2	17:52:15	91.460%	2092.000	493.600	493.000	1908.000	1898.000	99.614%	101.079%
3	17:52:57	92.743%	2082.000	495.600	495.400	1920.000	1894.000	101.272%	102.501%
x		90.834%	2089.000	493.200	492.000	1906.000	1889.000	99.080%	100.440%
σ		2.287%	5.919	2.626	3.955	15.520	13.360	2.503%	2.444%
%RSD		2.518	0.283	0.532	0.804	0.814	0.707	2.527	2.434

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:33	49.680	47.680	20.360	20.230	20.380	92.643%
2	17:52:15	50.120	48.210	20.770	20.360	20.610	96.771%
3	17:52:57	49.570	49.440	20.980	20.660	20.640	97.884%
x		49.790	48.450	20.700	20.420	20.540	95.766%
σ		0.293	0.903	0.315	0.221	0.145	2.762%
%RSD		0.589	1.863	1.523	1.081	0.708	2.884

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	110.431%	51.890	1102.000	1036.000	0.000	47740.000	43040.000	43270.000
2	17:56:28	113.989%	53.670	1092.000	1029.000	0.000	46760.000	42580.000	42940.000
3	17:57:10	116.091%	51.700	1087.000	1029.000	0.000	46520.000	42680.000	46600.000
x		113.503%	52.420	1094.000	1031.000	0.000	47010.000	42760.000	44270.000
σ		2.861%	1.086	7.602	4.072	0.000	649.300	240.800	2027.000
%RSD		2.520	2.071	0.695	0.395	0.000	1.381	0.563	4.578

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	1855.000	9355.000	0.000	47690.000	49640.000	49340.000	88.630%	1002.000
2	17:56:28	1844.000	9264.000	0.000	46520.000	48960.000	48840.000	91.000%	979.100
3	17:57:10	1846.000	9295.000	0.000	46940.000	49640.000	49430.000	90.852%	982.500
x		1848.000	9305.000	0.000	47050.000	49410.000	49200.000	90.160%	987.900
σ		6.062	45.900	0.000	592.400	389.300	313.900	1.327%	12.320
%RSD		0.328	0.493	0.000	1.259	0.788	0.638	1.472	1.247

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	480.700	201.500	502.700	822.600	1085.000	498.200	486.600	239.500
2	17:56:28	479.300	200.400	503.700	818.900	1090.000	490.700	484.200	238.300
3	17:57:10	482.700	201.500	503.800	818.200	1105.000	491.100	484.000	236.800
x		480.900	201.200	503.400	819.900	1093.000	493.300	484.900	238.200
σ		1.705	0.645	0.602	2.367	10.300	4.237	1.438	1.366
%RSD		0.355	0.321	0.120	0.289	0.942	0.859	0.297	0.574

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	245.400	472.600	480.100	36.100	7.943	8.645	0.000	1024.000
2	17:56:28	236.000	475.100	483.200	33.650	9.718	10.290	0.000	1036.000
3	17:57:10	236.100	480.600	496.800	33.970	8.686	7.699	0.000	1029.000
x		239.200	476.100	486.700	34.570	8.782	8.879	0.000	1030.000
σ		5.383	4.116	8.847	1.334	0.892	1.312	0.000	6.260
%RSD		2.251	0.865	1.818	3.858	10.150	14.780	0.000	0.608

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	84.256%	1066.000	1061.000	85.310%	48.910	48.290	49.320	40.080
2	17:56:28	85.887%	1072.000	1078.000	87.507%	50.420	48.640	49.290	38.750
3	17:57:10	87.101%	1073.000	1059.000	88.107%	49.200	48.900	48.160	39.780
x		85.748%	1071.000	1066.000	86.975%	49.510	48.610	48.920	39.540
σ		1.428%	3.720	10.030	1.473%	0.804	0.307	0.661	0.698
%RSD		1.665	0.348	0.941	1.693	1.624	0.632	1.351	1.764

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	91.365%	2086.000	499.600	498.300	1945.000	1918.000	99.022%	101.630%
2	17:56:28	95.204%	2063.000	494.100	496.200	1931.000	1908.000	102.365%	105.043%
3	17:57:10	96.184%	2057.000	494.700	495.900	1916.000	1914.000	103.628%	105.689%
x		94.251%	2069.000	496.100	496.800	1931.000	1913.000	101.672%	104.121%
σ		2.547%	15.400	2.999	1.318	14.470	5.072	2.380%	2.181%
%RSD		2.702	0.745	0.604	0.265	0.749	0.265	2.341	2.094

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:47	51.420	50.260	21.130	20.860	20.940	95.794%
2	17:56:28	51.950	50.100	20.450	21.090	20.870	99.959%
3	17:57:10	51.120	50.420	20.970	20.960	21.020	101.246%
x		51.500	50.260	20.850	20.970	20.940	99.000%
σ		0.419	0.163	0.353	0.116	0.078	2.850%
%RSD		0.814	0.325	1.695	0.552	0.372	2.879

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	82.249%	7.227	2126.000	2072.000	0.000	15430.000	7084.000	7111.000
2	18:00:42	81.833%	7.910	2169.000	2100.000	0.000	15470.000	7144.000	7178.000
3	18:01:24	82.695%	6.869	2180.000	2085.000	0.000	15280.000	7089.000	7079.000
x		82.259%	7.335	2158.000	2086.000	0.000	15390.000	7106.000	7123.000
σ		0.431%	0.529	28.630	14.200	0.000	97.110	33.420	50.220
%RSD		0.524	7.213	1.326	0.681	0.000	0.631	0.470	0.705

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	7652.000	7105.000	0.000	14370.000	495200.000	568100.000	75.290%	3.711
2	18:00:42	7759.000	7167.000	0.000	14370.000	505100.000	572600.000	73.745%	2.097
3	18:01:24	7688.000	7144.000	0.000	14250.000	501800.000	569800.000	73.867%	2.023
x		7700.000	7139.000	0.000	14330.000	500700.000	570200.000	74.301%	2.610
σ		54.310	31.470	0.000	68.230	5036.000	2228.000	0.859%	0.954
%RSD		0.705	0.441	0.000	0.476	1.006	0.391	1.156	36.540

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	-0.002	9.339	222.200	592.300	1359.000	12.140	35.370	196.700
2	18:00:42	-0.428	9.184	227.400	601.100	1374.000	12.750	37.930	201.100
3	18:01:24	-0.065	9.485	225.600	599.800	1362.000	12.190	37.510	198.600
x		-0.165	9.336	225.100	597.700	1365.000	12.360	36.940	198.800
σ		0.230	0.150	2.615	4.777	7.856	0.339	1.373	2.183
%RSD		139.000	1.610	1.162	0.799	0.576	2.746	3.717	1.098

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	193.600	190.400	200.300	5.114	-1.469	15.550	0.000	4536.000
2	18:00:42	196.700	195.000	199.900	4.095	-1.980	15.370	0.000	4604.000
3	18:01:24	198.200	196.500	198.200	6.018	-0.769	18.570	0.000	4606.000
x		196.200	193.900	199.500	5.076	-1.406	16.500	0.000	4582.000
σ		2.358	3.157	1.090	0.962	0.608	1.799	0.000	39.490
%RSD		1.202	1.628	0.546	18.950	43.280	10.900	0.000	0.862

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	0.000	9.472	9.635	72.943%	0.158	0.157	13.590	12.550
2	18:00:42	0.000	8.527	7.814	72.967%	0.065	0.064	12.950	13.350
3	18:01:24	0.000	6.665	7.213	72.546%	0.035	0.053	13.900	14.040
x		0.000	8.221	8.221	72.819%	0.086	0.091	13.480	13.320
σ		0.000	1.428	1.261	0.236%	0.064	0.057	0.484	0.746
%RSD		0.000	17.370	15.340	0.324	74.640	62.520	3.588	5.599

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	79.146%	10.150	2.011	2.127	69.010	68.960	88.723%	91.361%
2	18:00:42	80.246%	7.105	1.635	1.618	65.780	67.290	89.295%	91.819%
3	18:01:24	79.038%	7.519	1.444	1.325	68.910	66.620	90.416%	91.736%
x		79.476%	8.259	1.697	1.690	67.900	67.630	89.478%	91.639%
σ		0.668%	1.654	0.288	0.406	1.835	1.203	0.861%	0.244%
%RSD		0.841	20.020	16.990	23.990	2.703	1.779	0.963	0.266

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:00	23.760	23.480	8.189	8.182	8.128	78.210%
2	18:00:42	23.600	23.950	8.397	7.736	7.954	80.481%
3	18:01:24	23.820	23.760	8.037	8.004	8.066	80.674%
x		23.720	23.730	8.208	7.974	8.050	79.788%
σ		0.111	0.238	0.181	0.225	0.088	1.370%
%RSD		0.469	1.002	2.201	2.819	1.097	1.717

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	78.543%	0.980	446.200	445.100	0.000	2739.000	1449.000	1461.000
2	18:04:57	79.822%	1.004	464.100	443.600	0.000	2745.000	1475.000	1446.000
3	18:05:38	79.851%	1.615	444.100	437.900	0.000	2696.000	1435.000	1434.000
x		79.405%	1.199	451.500	442.200	0.000	2727.000	1453.000	1447.000
σ		0.747%	0.360	10.990	3.803	0.000	26.720	20.180	13.260
%RSD		0.941	30.040	2.434	0.860	0.000	0.980	1.389	0.916

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	1497.000	1424.000	0.000	2475.000	99560.000	99010.000	74.727%	1.090
2	18:04:57	1483.000	1407.000	0.000	2476.000	99930.000	99730.000	74.062%	0.541
3	18:05:38	1497.000	1403.000	0.000	2457.000	98990.000	99930.000	74.399%	0.678
x		1492.000	1411.000	0.000	2469.000	99490.000	99560.000	74.396%	0.770
σ		8.300	11.420	0.000	10.830	474.500	483.300	0.332%	0.286
%RSD		0.556	0.809	0.000	0.439	0.477	0.486	0.447	37.150

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	0.194	2.051	43.990	128.600	309.700	2.635	8.030	42.010
2	18:04:57	0.147	2.023	45.330	125.000	290.300	2.690	7.196	41.160
3	18:05:38	-0.217	1.969	44.390	121.100	289.600	2.510	7.402	42.410
x		0.041	2.014	44.570	124.900	296.500	2.612	7.543	41.860
σ		0.225	0.042	0.686	3.780	11.400	0.093	0.435	0.638
%RSD		545.400	2.062	1.539	3.027	3.845	3.544	5.760	1.524

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	43.040	41.480	40.100	0.224	-1.258	1.204	0.000	794.500
2	18:04:57	41.750	40.770	41.030	0.524	-0.038	1.747	0.000	804.200
3	18:05:38	40.960	39.980	42.770	1.043	-1.033	3.265	0.000	802.600
x		41.920	40.740	41.300	0.597	-0.777	2.072	0.000	800.400
σ		1.053	0.748	1.357	0.415	0.649	1.068	0.000	5.222
%RSD		2.512	1.835	3.286	69.470	83.610	51.570	0.000	0.652

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	80.221%	1.855	1.823	75.349%	0.049	0.036	2.881	2.415
2	18:04:57	81.126%	1.299	1.805	76.340%	0.028	0.025	2.896	2.614
3	18:05:38	81.196%	1.606	1.344	76.742%	0.008	0.025	2.226	2.560
x		80.848%	1.587	1.658	76.144%	0.028	0.028	2.668	2.529
σ		0.544%	0.279	0.272	0.717%	0.020	0.006	0.382	0.103
%RSD		0.673	17.550	16.380	0.942	71.190	22.830	14.330	4.069

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	79.866%	3.655	0.462	0.670	14.460	14.350	85.712%	87.174%
2	18:04:57	81.074%	3.229	0.517	0.340	13.240	13.780	86.583%	87.950%
3	18:05:38	81.372%	2.504	0.334	0.299	14.020	14.120	87.463%	88.468%
x		80.771%	3.129	0.437	0.436	13.910	14.080	86.586%	87.864%
σ		0.798%	0.582	0.094	0.203	0.617	0.287	0.875%	0.651%
%RSD		0.988	18.610	21.480	46.610	4.437	2.036	1.011	0.741

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:15	5.269	5.241	1.576	1.749	1.631	81.697%
2	18:04:57	4.940	5.177	1.624	1.578	1.559	84.028%
3	18:05:38	5.189	4.973	1.503	1.610	1.499	85.583%
x		5.133	5.130	1.567	1.645	1.563	83.769%
σ		0.172	0.140	0.061	0.091	0.066	1.956%
%RSD		3.343	2.724	3.892	5.524	4.226	2.335

180-17111-A-25-B @10 12/29/2012 6:07:48 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	86.922%	0.004	1419.000	1373.000	0.000	15470.000	964.200	946.400
2	18:09:12	88.332%	-0.031	1427.000	1402.000	0.000	15520.000	976.400	977.300
3	18:09:53	90.363%	0.003	1424.000	1396.000	0.000	15310.000	958.800	959.000
x		88.539%	-0.008	1423.000	1391.000	0.000	15430.000	966.500	960.900
σ		1.730%	0.020	3.870	15.170	0.000	111.500	8.980	15.530
%RSD		1.954	259.200	0.272	1.091	0.000	0.723	0.929	1.616

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	193.300	104.300	0.000	14340.000	466900.000	542200.000	82.160%	0.481
2	18:09:12	200.900	105.700	0.000	14350.000	468800.000	538500.000	84.348%	0.712
3	18:09:53	193.200	105.500	0.000	14230.000	465000.000	535800.000	85.841%	0.396
x		195.800	105.200	0.000	14310.000	466900.000	538800.000	84.116%	0.530
σ		4.425	0.772	0.000	65.030	1900.000	3208.000	1.851%	0.164
%RSD		2.260	0.733	0.000	0.455	0.407	0.596	2.201	30.900

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	22.690	8.960	0.279	28.660	639.500	0.335	-0.014	0.462
2	18:09:12	22.610	9.158	0.485	32.690	639.200	0.380	-0.181	0.343
3	18:09:53	22.440	9.235	0.376	30.870	629.300	0.311	0.158	0.319
x		22.580	9.118	0.380	30.740	636.000	0.342	-0.012	0.375
σ		0.130	0.142	0.103	2.020	5.806	0.035	0.170	0.076
%RSD		0.577	1.556	27.120	6.573	0.913	10.160	1387.000	20.400

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	0.794	0.509	0.587	14.670	18.260	30.870	0.000	4061.000
2	18:09:12	0.991	0.959	0.982	15.190	14.320	32.880	0.000	4887.000
3	18:09:53	0.767	0.510	0.847	13.520	13.580	31.050	0.000	4138.000
x		0.851	0.659	0.805	14.460	15.390	31.600	0.000	4362.000
σ		0.123	0.259	0.201	0.854	2.517	1.109	0.000	455.900
%RSD		14.400	39.370	24.960	5.905	16.360	3.508	0.000	10.450

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	84.132%	325.600	329.400	80.691%	0.026	0.003	0.121	0.135
2	18:09:12	86.002%	337.100	340.600	83.598%	0.030	0.042	0.170	0.132
3	18:09:53	88.029%	334.400	341.600	84.788%	0.020	0.017	-0.105	-0.113
x		86.055%	332.300	337.200	83.026%	0.025	0.020	0.062	0.051
σ		1.949%	6.015	6.766	2.108%	0.005	0.020	0.147	0.142
%RSD		2.265	1.810	2.007	2.538	19.160	95.530	236.400	277.800

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	85.576%	3.466	2.115	2.327	199.600	202.100	92.976%	93.652%
2	18:09:12	87.619%	3.595	2.125	2.084	207.400	203.700	96.248%	97.690%
3	18:09:53	90.702%	4.119	2.285	2.020	199.600	201.500	97.469%	98.464%
x		87.966%	3.727	2.175	2.144	202.200	202.400	95.564%	96.602%
σ		2.581%	0.346	0.095	0.162	4.487	1.124	2.323%	2.584%
%RSD		2.934	9.283	4.373	7.571	2.219	0.555	2.431	2.675

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:30	1.457	1.400	0.028	0.025	0.017	89.503%
2	18:09:12	1.517	1.467	0.007	0.050	0.034	91.363%
3	18:09:53	1.422	1.395	0.007	0.009	0.023	92.056%
x		1.466	1.421	0.014	0.028	0.025	90.974%
σ		0.048	0.040	0.012	0.021	0.009	1.320%
%RSD		3.284	2.842	88.840	75.330	35.890	1.451

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	89.871%	-0.031	148.800	147.300	0.000	15210.000	19.940	19.200
2	18:13:26	91.825%	0.003	148.200	143.500	0.000	15200.000	19.070	19.920
3	18:14:08	92.848%	0.068	153.000	142.300	0.000	15130.000	22.700	20.650
x		91.515%	0.013	150.000	144.400	0.000	15180.000	20.570	19.920
σ		1.513%	0.050	2.576	2.599	0.000	40.790	1.893	0.725
%RSD		1.653	378.800	1.717	1.800	0.000	0.269	9.200	3.639

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	2.053	45.020	0.000	14380.000	295900.000	343800.000	88.811%	0.205
2	18:13:26	2.324	45.220	0.000	14390.000	298900.000	343600.000	89.773%	0.086
3	18:14:08	2.340	44.420	0.000	14420.000	298100.000	344800.000	90.269%	0.143
x		2.239	44.890	0.000	14400.000	297600.000	344100.000	89.618%	0.145
σ		0.161	0.414	0.000	21.750	1562.000	609.600	0.741%	0.059
%RSD		7.205	0.922	0.000	0.151	0.525	0.177	0.827	41.160

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	0.755	13.110	0.370	34.350	451.000	0.250	0.466	0.366
2	18:13:26	1.144	12.850	0.406	33.760	427.500	0.275	1.312	0.252
3	18:14:08	1.755	13.710	0.379	35.370	420.100	0.272	0.652	0.356
x		1.218	13.220	0.385	34.490	432.900	0.266	0.810	0.325
σ		0.504	0.443	0.019	0.811	16.170	0.014	0.445	0.063
%RSD		41.380	3.350	4.948	2.351	3.735	5.107	54.920	19.490

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	0.739	1.367	2.022	8.409	-0.941	18.300	0.000	3993.000
2	18:13:26	0.683	1.672	1.168	8.719	0.062	18.510	0.000	4707.000
3	18:14:08	0.467	1.528	2.353	8.130	-0.936	16.690	0.000	4690.000
x		0.630	1.522	1.848	8.419	-0.605	17.840	0.000	4463.000
σ		0.144	0.153	0.611	0.295	0.578	0.998	0.000	407.300
%RSD		22.790	10.040	33.090	3.504	95.460	5.595	0.000	9.125

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	89.604%	291.500	291.000	87.293%	0.007	0.021	0.131	0.050
2	18:13:26	91.960%	294.800	297.300	89.694%	0.027	0.016	0.417	0.233
3	18:14:08	93.060%	291.600	297.000	90.941%	0.031	0.002	0.163	0.050
x		91.541%	292.700	295.100	89.309%	0.022	0.013	0.237	0.111
σ		1.766%	1.889	3.577	1.854%	0.013	0.010	0.157	0.106
%RSD		1.929	0.645	1.212	2.076	61.010	76.110	66.090	95.060

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	91.566%	3.493	0.129	0.151	267.500	270.400	96.314%	97.234%
2	18:13:26	93.750%	2.987	0.125	0.106	270.600	268.500	100.421%	99.879%
3	18:14:08	95.221%	3.689	0.088	0.160	264.100	273.500	100.943%	102.170%
x		93.512%	3.390	0.114	0.139	267.400	270.800	99.226%	99.761%
σ		1.839%	0.362	0.023	0.029	3.284	2.497	2.536%	2.470%
%RSD		1.967	10.680	19.990	21.100	1.228	0.922	2.555	2.476

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:12:44	0.565	0.463	2.568	2.531	2.635	91.694%
2	18:13:26	0.458	0.448	2.661	2.578	2.538	94.549%
3	18:14:08	0.469	0.413	2.605	2.536	2.618	95.931%
x		0.497	0.441	2.611	2.548	2.597	94.058%
σ		0.059	0.026	0.047	0.026	0.052	2.161%
%RSD		11.810	5.818	1.787	1.018	2.007	2.297

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	77.413%	12.530	2277.000	2209.000	0.000	15130.000	8249.000	8252.000
2	18:17:42	77.640%	10.930	2301.000	2216.000	0.000	15030.000	8300.000	8269.000
3	18:18:23	77.062%	11.380	2307.000	2247.000	0.000	15080.000	8384.000	8375.000
x		77.372%	11.610	2295.000	2224.000	0.000	15080.000	8311.000	8298.000
σ		0.291%	0.826	15.850	20.500	0.000	52.380	67.750	66.460
%RSD		0.377	7.109	0.691	0.922	0.000	0.347	0.815	0.801

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	17420.000	10380.000	0.000	14290.000	541900.000	622400.000	71.822%	4.694
2	18:17:42	17300.000	10880.000	0.000	14190.000	540000.000	616800.000	71.034%	4.385
3	18:18:23	17330.000	11530.000	0.000	14330.000	548200.000	621300.000	70.110%	5.683
x		17350.000	10930.000	0.000	14270.000	543400.000	620200.000	70.989%	4.921
σ		64.730	577.000	0.000	68.150	4311.000	2979.000	0.857%	0.678
%RSD		0.373	5.280	0.000	0.478	0.793	0.480	1.207	13.780

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	-0.531	205.200	239.100	4768.000	6268.000	12.600	35.560	222.700
2	18:17:42	1.465	206.500	240.000	4775.000	6221.000	12.540	36.580	224.000
3	18:18:23	1.108	207.900	241.700	4825.000	6274.000	12.370	36.820	223.600
x		0.681	206.500	240.300	4790.000	6254.000	12.500	36.320	223.500
σ		1.064	1.375	1.365	31.080	29.250	0.117	0.668	0.680
%RSD		156.300	0.666	0.568	0.649	0.468	0.937	1.839	0.304

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	219.700	193.800	192.800	4.635	-1.771	9.108	0.000	3314.000
2	18:17:42	218.700	194.300	193.100	5.468	-2.076	10.960	0.000	3343.000
3	18:18:23	221.800	198.100	198.200	6.457	-0.995	12.820	0.000	3338.000
x		220.000	195.400	194.700	5.520	-1.614	10.960	0.000	3332.000
σ		1.549	2.320	3.028	0.912	0.557	1.858	0.000	15.460
%RSD		0.704	1.187	1.555	16.520	34.530	16.940	0.000	0.464

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	101.180%	7.449	7.737	69.867%	0.004	-0.007	15.960	13.800
2	18:17:42	100.623%	6.646	7.307	69.844%	0.009	0.004	13.790	14.160
3	18:18:23	100.969%	6.523	7.048	70.297%	-0.001	0.016	14.050	13.510
x		100.924%	6.872	7.364	70.003%	0.004	0.004	14.600	13.820
σ		0.281%	0.503	0.348	0.255%	0.005	0.011	1.186	0.327
%RSD		0.279	7.315	4.726	0.364	127.700	262.000	8.125	2.365

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	76.674%	2.879	2.241	2.366	69.140	65.540	87.115%	89.550%
2	18:17:42	77.983%	3.054	2.399	2.247	67.840	68.390	87.728%	90.086%
3	18:18:23	77.891%	2.640	2.330	2.378	66.400	67.870	88.134%	89.879%
x		77.516%	2.858	2.324	2.330	67.790	67.270	87.659%	89.838%
σ		0.731%	0.208	0.079	0.072	1.369	1.517	0.513%	0.270%
%RSD		0.943	7.270	3.400	3.106	2.019	2.255	0.585	0.301

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:00	22.680	21.920	25.630	24.730	24.880	81.148%
2	18:17:42	23.190	22.770	25.440	25.280	25.050	82.287%
3	18:18:23	23.430	23.260	25.460	25.080	24.990	82.825%
x		23.100	22.650	25.510	25.030	24.970	82.087%
σ		0.383	0.676	0.106	0.279	0.087	0.856%
%RSD		1.657	2.984	0.416	1.113	0.347	1.043

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	82.348%	-0.031	1726.000	1694.000	0.000	14980.000	6994.000	7029.000
2	18:21:57	85.776%	0.076	1717.000	1688.000	0.000	14790.000	7034.000	7036.000
3	18:22:39	86.956%	-0.031	1728.000	1677.000	0.000	14850.000	7107.000	7055.000
x		85.027%	0.005	1723.000	1686.000	0.000	14870.000	7045.000	7040.000
σ		2.393%	0.062	5.978	8.481	0.000	96.020	57.390	13.590
%RSD		2.815	1239.000	0.347	0.503	0.000	0.646	0.815	0.193

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	37.290	660.200	0.000	13870.000	514500.000	598700.000	78.104%	0.112
2	18:21:57	28.210	561.700	0.000	13860.000	521400.000	598200.000	80.272%	0.429
3	18:22:39	26.360	500.000	0.000	13930.000	524200.000	598500.000	81.354%	0.040
x		30.620	574.000	0.000	13880.000	520000.000	598500.000	79.910%	0.194
σ		5.850	80.820	0.000	38.580	4989.000	267.500	1.655%	0.207
%RSD		19.110	14.080	0.000	0.278	0.959	0.045	2.071	106.900

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	3.206	3.427	82.520	45.090	764.800	2.834	10.780	0.613
2	18:21:57	3.207	3.305	82.740	37.800	720.900	2.815	10.890	0.694
3	18:22:39	1.587	3.296	82.640	36.720	724.500	2.927	10.760	0.526
x		2.667	3.343	82.630	39.870	736.800	2.859	10.810	0.611
σ		0.935	0.073	0.113	4.555	24.390	0.060	0.070	0.084
%RSD		35.060	2.189	0.137	11.430	3.310	2.104	0.647	13.780

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	1.596	2.459	2.427	7.874	1.683	17.610	0.000	4069.000
2	18:21:57	0.751	2.341	2.747	10.500	4.338	20.530	0.000	4081.000
3	18:22:39	0.902	1.972	2.442	9.382	3.371	20.100	0.000	4080.000
x		1.083	2.257	2.539	9.251	3.131	19.410	0.000	4077.000
σ		0.451	0.254	0.181	1.317	1.344	1.577	0.000	7.084
%RSD		41.610	11.270	7.113	14.240	42.920	8.125	0.000	0.174

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	79.818%	283.300	286.400	76.469%	0.008	0.004	1.904	1.988
2	18:21:57	82.961%	284.900	288.200	80.192%	0.008	0.003	2.298	1.560
3	18:22:39	84.550%	285.700	290.800	81.340%	-0.002	-0.007	2.073	2.142
x		82.443%	284.700	288.500	79.334%	0.005	-0.000	2.092	1.897
σ		2.408%	1.200	2.186	2.546%	0.006	0.006	0.198	0.301
%RSD		2.921	0.422	0.758	3.210	120.900	5510.000	9.444	15.890

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	81.369%	3.656	5.850	5.751	92.430	92.080	87.953%	90.174%
2	18:21:57	85.751%	4.009	5.748	5.672	90.640	91.530	91.860%	93.697%
3	18:22:39	86.930%	3.893	6.361	5.681	93.230	92.990	93.141%	95.122%
x		84.683%	3.853	5.986	5.701	92.100	92.200	90.985%	92.998%
σ		2.930%	0.180	0.329	0.043	1.323	0.738	2.703%	2.547%
%RSD		3.460	4.671	5.487	0.760	1.436	0.801	2.970	2.739

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:16	5.704	5.675	0.061	0.070	0.073	83.388%
2	18:21:57	5.637	5.449	0.030	0.106	0.066	86.557%
3	18:22:39	5.540	5.575	0.074	0.081	0.079	87.740%
x		5.627	5.566	0.055	0.086	0.073	85.895%
σ		0.083	0.114	0.023	0.019	0.006	2.250%
%RSD		1.471	2.039	41.420	21.750	8.712	2.620

180-17111-A-30-B @10 12/29/2012 6:24:50 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	87.590%	0.039	1510.000	1483.000	0.000	15470.000	2242.000	2237.000
2	18:26:13	89.833%	0.003	1517.000	1457.000	0.000	15390.000	2245.000	2245.000
3	18:26:55	91.284%	0.003	1485.000	1459.000	0.000	15310.000	2241.000	2229.000
x		89.569%	0.015	1504.000	1466.000	0.000	15390.000	2243.000	2237.000
σ		1.861%	0.021	16.780	14.100	0.000	83.430	1.890	7.705
%RSD		2.078	137.700	1.116	0.962	0.000	0.542	0.084	0.344

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	199.300	164.700	0.000	14580.000	516600.000	605200.000	84.069%	0.036
2	18:26:13	197.600	155.000	0.000	14510.000	517200.000	601100.000	85.070%	0.096
3	18:26:55	198.800	146.100	0.000	14500.000	523300.000	603300.000	85.439%	0.034
x		198.600	155.200	0.000	14530.000	519000.000	603200.000	84.859%	0.055
σ		0.877	9.334	0.000	44.040	3684.000	2030.000	0.709%	0.035
%RSD		0.442	6.013	0.000	0.303	0.710	0.337	0.835	63.240

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	22.170	7.748	0.124	31.600	708.400	0.218	0.535	0.354
2	18:26:13	22.660	7.459	0.175	30.350	673.500	0.123	0.042	0.265
3	18:26:55	21.180	7.993	0.154	29.380	696.400	0.221	0.322	0.232
x		22.010	7.733	0.151	30.440	692.700	0.187	0.300	0.284
σ		0.755	0.267	0.026	1.111	17.740	0.056	0.247	0.063
%RSD		3.432	3.458	16.930	3.650	2.561	29.670	82.560	22.280

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	0.667	0.170	0.476	15.500	11.340	33.410	0.000	5046.000
2	18:26:13	0.652	0.425	0.638	14.670	14.400	30.280	0.000	4976.000
3	18:26:55	0.785	0.354	0.105	13.600	12.710	32.970	0.000	4979.000
x		0.701	0.316	0.406	14.590	12.810	32.220	0.000	5000.000
σ		0.073	0.132	0.274	0.955	1.533	1.694	0.000	39.240
%RSD		10.400	41.640	67.350	6.545	11.960	5.257	0.000	0.785

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	86.106%	328.200	332.400	82.619%	-0.002	0.018	0.172	0.162
2	18:26:13	88.098%	333.700	335.100	84.647%	0.016	-0.002	0.108	0.175
3	18:26:55	88.807%	332.000	335.900	85.451%	-0.002	0.002	0.321	0.086
x		87.670%	331.300	334.500	84.239%	0.004	0.006	0.200	0.141
σ		1.400%	2.814	1.849	1.459%	0.010	0.010	0.109	0.048
%RSD		1.597	0.850	0.553	1.732	259.800	173.700	54.610	34.300

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	87.127%	2.768	2.674	2.724	205.100	204.400	94.665%	95.561%
2	18:26:13	89.275%	3.104	2.625	2.721	204.200	210.800	96.495%	98.168%
3	18:26:55	91.292%	2.540	2.524	2.386	202.000	205.200	97.776%	99.944%
x		89.231%	2.804	2.608	2.610	203.800	206.800	96.312%	97.891%
σ		2.083%	0.283	0.077	0.194	1.557	3.501	1.563%	2.205%
%RSD		2.334	10.100	2.944	7.440	0.764	1.693	1.623	2.252

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:32	1.537	1.562	0.011	0.002	0.016	89.274%
2	18:26:13	1.643	1.527	0.007	-0.002	0.012	91.086%
3	18:26:55	1.513	1.529	0.026	0.005	0.017	91.901%
x		1.564	1.539	0.015	0.001	0.015	90.754%
σ		0.069	0.020	0.010	0.004	0.003	1.345%
%RSD		4.414	1.268	69.450	260.600	17.170	1.482

CCV 664806 12/29/2012 6:32:39 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	73.778%	106.000	118.600	120.600	0.000	51620.000	45160.000	45640.000
2	18:34:02	75.638%	104.800	111.600	116.200	0.000	51310.000	45600.000	46000.000
3	18:34:44	78.954%	105.200	125.200	109.900	0.000	50190.000	44880.000	45350.000
x		76.124%	105.332%	118.449%	115.561%	0.000	102.078%	90.425%	91.328%
σ		2.622%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		3.444	0.620	5.708	4.640	0.000	1.476	0.793	0.717

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	507.500	5287.000	0.000	53740.000	53690.000	53460.000	66.298%	108.100
2	18:34:02	506.600	5322.000	0.000	53420.000	54010.000	53940.000	68.030%	113.800
3	18:34:44	504.700	5238.000	0.000	53060.000	54990.000	54130.000	69.280%	114.000
x		101.250%	105.647%	0.000	106.813%	108.467%	107.689%	67.869%	111.969%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.497%	n/a
%RSD		0.286	0.801	0.000	0.641	1.248	0.639	2.206	2.968

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	107.100	107.700	531.800	26780.000	26440.000	105.300	105.900	106.000
2	18:34:02	108.300	109.400	537.300	26570.000	26880.000	107.400	109.100	107.200
3	18:34:44	107.100	109.300	537.700	26290.000	26920.000	107.100	108.000	105.800
x		107.468%	108.792%	107.119%	106.180%	106.987%	106.597%	107.645%	106.328%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.646	0.843	0.613	0.927	1.001	1.095	1.502	0.721

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	101.400	102.400	105.800	97.500	97.230	95.730	0.000	93.950
2	18:34:02	106.600	106.700	110.600	101.000	98.560	98.230	0.000	95.450
3	18:34:44	106.000	110.800	109.200	103.800	103.000	101.700	0.000	96.110
x		104.662%	106.647%	108.516%	100.772%	99.610%	98.553%	0.000	95.172%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		2.689	3.915	2.306	3.130	3.057	3.043	0.000	1.165

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	79.768%	97.640	99.840	74.594%	98.590	97.050	100.300	96.980
2	18:34:02	81.420%	99.600	102.200	77.582%	100.000	99.690	99.700	99.710
3	18:34:44	83.445%	100.600	103.100	79.548%	98.680	99.840	99.850	98.500
x		81.544%	99.283%	101.711%	77.241%	99.096%	98.857%	99.936%	98.394%
σ		1.841%	n/a	n/a	2.494%	n/a	n/a	n/a	n/a
%RSD		2.258	1.521	1.656	3.229	0.807	1.588	0.294	1.390

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	79.706%	98.420	97.630	98.440	99.890	96.330	83.366%	85.364%
2	18:34:02	82.075%	98.370	100.800	99.970	97.050	96.670	87.717%	88.873%
3	18:34:44	83.893%	99.660	100.400	99.660	96.380	98.590	89.282%	91.135%
x		81.892%	98.815%	99.616%	99.358%	97.776%	97.197%	86.788%	88.457%
σ		2.099%	n/a	n/a	n/a	n/a	n/a	3.065%	2.908%
%RSD		2.564	0.742	1.739	0.816	1.906	1.256	3.532	3.287

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:20	99.950	98.860	100.900	99.340	100.300	83.503%
2	18:34:02	102.900	101.400	102.700	101.900	102.400	86.728%
3	18:34:44	101.900	100.600	102.000	101.900	101.800	89.260%
x		101.568%	100.294%	101.862%	101.054%	101.492%	86.497%
σ		n/a	n/a	n/a	n/a	n/a	2.886%
%RSD		1.470	1.311	0.863	1.468	1.055	3.336

CCB3 12/29/2012 6:40:29 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	87.511%	0.004	7.296	9.382	0.000	-40.240	4.158	5.667
2	18:41:52	88.874%	0.004	10.030	8.010	0.000	-36.840	6.283	6.323
3	18:42:34	88.482%	-0.031	10.200	8.464	0.000	-31.350	6.463	8.168
x		88.289%	-0.008	9.175	8.618	0.000	-36.140	5.635	6.720
σ		0.701%	0.020	1.630	0.699	0.000	4.486	1.282	1.297
%RSD		0.794	262.400	17.760	8.111	0.000	12.410	22.750	19.300

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	-3.673	23.100	0.000	-1.985	39.440	8.218	84.750%	-0.026
2	18:41:52	-3.963	21.280	0.000	-0.964	23.240	15.900	85.697%	0.156
3	18:42:34	-3.662	20.340	0.000	2.116	7.548	22.930	85.487%	-0.026
x		-3.766	21.580	0.000	-0.278	23.410	15.680	85.311%	0.034
σ		0.170	1.401	0.000	2.135	15.950	7.357	0.497%	0.105
%RSD		4.524	6.492	0.000	767.900	68.120	46.920	0.583	304.900

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	0.027	0.019	0.056	9.855	15.390	0.006	0.072	-0.002
2	18:41:52	-0.009	0.003	0.040	7.094	11.210	0.002	0.091	0.173
3	18:42:34	0.038	0.063	0.126	5.834	13.980	0.010	0.153	0.053
x		0.019	0.028	0.074	7.594	13.520	0.006	0.106	0.075
σ		0.024	0.031	0.046	2.057	2.125	0.004	0.042	0.089
%RSD		131.300	110.700	61.830	27.080	15.720	62.880	39.910	119.700

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	0.066	0.512	0.540	-0.309	-0.404	-1.259	0.000	0.052
2	18:41:52	-0.020	0.409	0.429	-0.552	-0.921	-1.395	0.000	0.106
3	18:42:34	0.021	0.569	0.232	0.063	0.256	0.129	0.000	0.148
x		0.022	0.497	0.400	-0.266	-0.357	-0.841	0.000	0.102
σ		0.043	0.081	0.156	0.310	0.590	0.843	0.000	0.048
%RSD		193.300	16.340	39.000	116.500	165.400	100.200	0.000	47.380

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	80.819%	0.222	0.364	82.659%	-0.002	0.008	0.116	0.133
2	18:41:52	81.786%	0.308	0.256	83.219%	0.012	0.013	-0.015	-0.047
3	18:42:34	82.042%	0.188	0.197	83.861%	0.025	0.018	-0.110	-0.123
x		81.549%	0.239	0.272	83.246%	0.012	0.013	-0.003	-0.012
σ		0.645%	0.062	0.085	0.602%	0.014	0.005	0.113	0.132
%RSD		0.791	25.850	31.240	0.723	115.400	37.480	3815.000	1092.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	84.319%	0.704	0.028	0.032	-0.091	0.027	84.724%	87.048%
2	18:41:52	85.086%	0.897	0.032	0.012	-0.092	0.040	87.712%	88.443%
3	18:42:34	85.750%	0.678	0.017	-0.001	-0.015	0.010	87.594%	89.546%
x		85.052%	0.760	0.026	0.014	-0.066	0.026	86.677%	88.346%
σ		0.716%	0.120	0.008	0.017	0.044	0.015	1.692%	1.252%
%RSD		0.842	15.780	30.550	115.800	66.660	59.260	1.952	1.417

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:10	0.138	0.091	0.028	0.025	0.031	89.586%
2	18:41:52	0.127	0.101	0.014	0.013	0.020	91.033%
3	18:42:34	0.085	0.087	0.010	0.032	0.034	91.134%
x		0.117	0.093	0.018	0.023	0.028	90.584%
σ		0.028	0.007	0.009	0.010	0.008	0.866%
%RSD		23.710	7.514	53.640	41.280	26.900	0.956

180-17111-A-31-B @10 12/29/2012 6:44:47 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:45:28	85.735%	-0.031	134.600	130.600	0.000	15610.000	1.341	2.016
2	18:46:10	89.886%	0.139	133.800	132.600	0.000	15150.000	1.656	1.429
3	18:46:51	90.951%	0.003	134.700	131.700	0.000	15170.000	1.385	1.445
x		88.857%	0.037	134.400	131.700	0.000	15310.000	1.461	1.630
σ		2.756%	0.090	0.535	1.013	0.000	261.800	0.170	0.335
%RSD		3.102	242.300	0.399	0.769	0.000	1.709	11.660	20.540
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:45:28	-1.668	49.230	0.000	15020.000	303900.000	358300.000	82.262%	0.039
2	18:46:10	-1.808	46.290	0.000	14690.000	299900.000	349200.000	86.364%	-0.087
3	18:46:51	-1.433	47.440	0.000	14730.000	302400.000	348900.000	87.399%	0.031
x		-1.636	47.650	0.000	14810.000	302100.000	352100.000	85.342%	-0.006
σ		0.189	1.482	0.000	177.400	2011.000	5343.000	2.717%	0.071
%RSD		11.560	3.110	0.000	1.197	0.666	1.517	3.184	1232.000
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:45:28	-0.517	13.190	-0.024	27.000	427.400	0.117	0.411	0.236
2	18:46:10	-1.140	12.720	-0.039	26.400	394.000	0.099	0.553	0.219
3	18:46:51	-1.242	13.030	-0.014	27.020	408.700	0.152	0.178	0.200
x		-0.966	12.980	-0.026	26.810	410.000	0.123	0.381	0.219
σ		0.393	0.239	0.012	0.353	16.770	0.027	0.190	0.018
%RSD		40.640	1.843	46.930	1.315	4.089	22.250	49.820	8.227
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:45:28	0.538	1.075	1.284	5.320	-0.642	18.730	0.000	4061.000
2	18:46:10	0.543	0.724	1.749	4.149	0.448	15.650	0.000	4889.000
3	18:46:51	0.257	0.834	1.574	4.847	0.361	15.400	0.000	4814.000
x		0.446	0.877	1.536	4.772	0.055	16.590	0.000	4588.000
σ		0.164	0.180	0.234	0.590	0.606	1.854	0.000	458.300
%RSD		36.710	20.490	15.260	12.350	1092.000	11.180	0.000	9.989
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:45:28	85.332%	281.800	285.700	82.838%	0.016	0.013	0.473	-0.001
2	18:46:10	88.528%	287.600	292.600	86.272%	0.011	0.012	0.319	0.225
3	18:46:51	90.462%	288.500	287.700	88.135%	0.011	-0.002	0.265	0.165
x		88.108%	286.000	288.700	85.749%	0.013	0.007	0.352	0.130
σ		2.591%	3.648	3.538	2.687%	0.003	0.008	0.108	0.117
%RSD		2.940	1.276	1.225	3.134	24.730	114.500	30.580	90.300
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:45:28	87.525%	3.927	0.011	-0.008	264.200	268.100	93.588%	94.008%
2	18:46:10	90.460%	3.208	0.024	0.021	270.900	275.100	96.640%	97.953%
3	18:46:51	92.578%	3.418	0.014	0.008	273.800	266.800	97.787%	100.367%
x		90.187%	3.518	0.016	0.007	269.600	270.000	96.005%	97.443%
σ		2.537%	0.370	0.007	0.015	4.928	4.469	2.170%	3.210%
%RSD		2.813	10.510	41.620	205.800	1.828	1.655	2.261	3.294
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:45:28	0.334	0.294	2.358	2.257	2.240	94.023%		
2	18:46:10	0.338	0.322	2.395	2.268	2.316	94.772%		
3	18:46:51	0.299	0.302	2.223	2.187	2.286	96.988%		
x		0.324	0.306	2.325	2.237	2.281	95.261%		
σ		0.022	0.014	0.090	0.044	0.038	1.542%		
%RSD		6.677	4.623	3.885	1.960	1.665	1.618		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	81.498%	-0.031	7.802	7.596	0.000	-31.720	-1.414	-0.296
2	18:50:26	81.969%	-0.031	8.585	7.253	0.000	-35.470	-1.899	-1.483
3	18:51:08	81.393%	-0.031	7.164	7.136	0.000	-33.390	-2.302	-1.827
x		81.620%	-0.031	7.850	7.328	0.000	-33.520	-1.872	-1.202
σ		0.307%	0.000	0.712	0.239	0.000	1.882	0.444	0.803
%RSD		0.376	0.000	9.066	3.264	0.000	5.613	23.740	66.820

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	-4.504	36.560	0.000	8.065	108.200	94.890	76.646%	0.116
2	18:50:26	-4.846	34.950	0.000	4.634	44.560	66.800	75.433%	-0.087
3	18:51:08	-4.822	34.510	0.000	8.549	93.810	66.780	74.043%	-0.017
x		-4.724	35.340	0.000	7.083	82.200	76.160	75.374%	0.004
σ		0.191	1.079	0.000	2.135	33.390	16.220	1.302%	0.103
%RSD		4.041	3.054	0.000	30.140	40.610	21.300	1.728	2800.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	-0.567	0.324	-0.041	8.007	4.111	-0.012	0.126	0.035
2	18:50:26	-1.675	0.323	-0.034	5.867	2.971	-0.007	0.061	0.075
3	18:51:08	-0.630	0.262	-0.049	4.611	2.974	-0.033	0.040	0.015
x		-0.957	0.303	-0.042	6.162	3.352	-0.017	0.075	0.042
σ		0.623	0.035	0.008	1.717	0.657	0.014	0.045	0.030
%RSD		65.030	11.690	18.370	27.860	19.600	80.350	59.160	72.680

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	0.467	0.206	0.141	0.581	-0.877	0.867	0.000	0.859
2	18:50:26	0.118	0.418	0.402	-1.861	-1.456	-1.955	0.000	0.693
3	18:51:08	0.056	0.151	0.341	0.968	-1.040	1.127	0.000	0.599
x		0.214	0.258	0.295	-0.104	-1.124	0.013	0.000	0.717
σ		0.222	0.141	0.137	1.534	0.298	1.709	0.000	0.132
%RSD		103.700	54.630	46.410	1477.000	26.540	13050.000	0.000	18.360

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	79.244%	2.301	2.247	79.932%	0.008	0.008	-0.110	-0.056
2	18:50:26	77.883%	1.313	1.205	78.938%	0.003	0.009	0.026	-0.003
3	18:51:08	77.194%	0.983	0.806	78.110%	0.003	0.003	0.033	-0.033
x		78.107%	1.532	1.419	78.993%	0.005	0.007	-0.017	-0.031
σ		1.043%	0.686	0.744	0.912%	0.003	0.003	0.080	0.027
%RSD		1.336	44.750	52.430	1.155	56.050	42.540	476.900	87.170

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	81.801%	3.138	0.003	0.033	0.041	0.120	86.698%	86.487%
2	18:50:26	81.046%	2.853	0.024	0.014	-0.037	-0.034	85.452%	86.319%
3	18:51:08	80.944%	2.502	-0.012	-0.013	-0.117	-0.018	85.628%	85.841%
x		81.264%	2.831	0.005	0.012	-0.038	0.023	85.926%	86.216%
σ		0.468%	0.318	0.018	0.023	0.079	0.085	0.675%	0.335%
%RSD		0.576	11.240	360.500	199.300	207.600	374.900	0.785	0.389

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:45	0.069	0.082	0.015	0.002	0.012	87.913%
2	18:50:26	0.061	0.073	-0.002	0.007	0.014	87.105%
3	18:51:08	0.036	0.055	0.002	0.015	0.010	86.876%
x		0.056	0.070	0.005	0.008	0.012	87.298%
σ		0.018	0.014	0.009	0.006	0.002	0.545%
%RSD		31.570	19.700	179.000	79.110	14.510	0.624

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	79.506%	-0.031	5.006	4.577	0.000	-33.970	-2.017	-1.501
2	18:58:14	81.043%	-0.031	3.241	4.609	0.000	-31.170	-1.608	-0.750
3	18:58:56	79.130%	-0.031	4.879	4.087	0.000	-21.510	0.643	0.416
x		79.893%	-0.031	4.375	4.425	0.000	-28.880	-0.994	-0.612
σ		1.013%	0.000	0.984	0.293	0.000	6.536	1.433	0.966
%RSD		1.269	0.000	22.500	6.613	0.000	22.630	144.100	157.900

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	-5.052	15.010	0.000	3.143	9.844	-2.434	69.841%	-0.013
2	18:58:14	-4.810	12.570	0.000	3.058	9.616	3.489	71.105%	0.132
3	18:58:56	-4.237	14.140	0.000	4.052	9.625	17.540	71.131%	-0.087
x		-4.700	13.900	0.000	3.418	9.695	6.198	70.692%	0.010
σ		0.418	1.234	0.000	0.551	0.129	10.260	0.737%	0.111
%RSD		8.903	8.877	0.000	16.110	1.332	165.500	1.043	1071.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	-0.944	0.217	-0.050	2.404	3.876	-0.023	0.071	0.065
2	18:58:14	-0.449	0.163	-0.020	2.024	2.317	-0.014	0.093	0.069
3	18:58:56	-0.819	0.120	0.037	2.760	4.466	-0.019	0.045	-0.059
x		-0.737	0.167	-0.011	2.396	3.553	-0.019	0.069	0.025
σ		0.258	0.049	0.044	0.368	1.110	0.004	0.024	0.073
%RSD		34.970	29.260	398.300	15.350	31.260	23.650	34.830	293.700

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	-0.020	-0.160	-0.033	0.739	0.265	2.618	0.000	-0.025
2	18:58:14	0.096	-0.138	0.037	-0.610	-1.010	-1.689	0.000	0.058
3	18:58:56	-0.001	-0.006	0.036	-1.160	-1.292	-2.520	0.000	0.212
x		0.025	-0.101	0.013	-0.344	-0.679	-0.530	0.000	0.082
σ		0.062	0.083	0.040	0.977	0.830	2.758	0.000	0.120
%RSD		245.200	82.150	301.200	284.200	122.200	520.500	0.000	146.600

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	72.100%	0.054	0.090	72.358%	-0.001	0.004	-0.105	-0.180
2	18:58:14	72.959%	0.004	0.057	73.808%	-0.006	-0.007	0.101	0.084
3	18:58:56	73.363%	0.149	0.011	74.053%	0.004	-0.001	0.027	-0.066
x		72.807%	0.069	0.053	73.407%	-0.001	-0.001	0.007	-0.054
σ		0.645%	0.073	0.040	0.916%	0.005	0.006	0.104	0.132
%RSD		0.886	106.400	75.540	1.248	393.800	406.300	1392.000	244.800

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	75.700%	2.846	-0.000	-0.026	-0.117	-0.032	79.406%	80.399%
2	18:58:14	77.352%	2.665	-0.006	0.009	-0.034	-0.016	81.527%	82.491%
3	18:58:56	76.742%	3.159	0.010	-0.012	-0.089	0.049	82.301%	83.231%
x		76.598%	2.890	0.001	-0.009	-0.080	0.001	81.078%	82.041%
σ		0.835%	0.250	0.008	0.018	0.043	0.043	1.499%	1.469%
%RSD		1.090	8.655	668.100	188.800	53.220	7732.000	1.848	1.790

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:32	0.041	0.038	-0.012	-0.009	-0.003	83.723%
2	18:58:14	0.038	0.051	0.010	-0.013	0.002	83.982%
3	18:58:56	0.017	0.034	0.010	-0.000	0.002	83.232%
x		0.032	0.041	0.003	-0.007	0.000	83.646%
σ		0.013	0.009	0.013	0.006	0.003	0.381%
%RSD		40.470	22.450	447.600	88.580	884.400	0.455

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	102.282%	50.120	998.400	940.300	0.000	44730.000	39320.000	39620.000
2	19:02:29	107.945%	50.170	997.300	950.500	0.000	44110.000	39540.000	39830.000
3	19:03:10	114.605%	48.910	983.900	915.300	0.000	42900.000	38990.000	39500.000
x		108.277%	49.730	993.200	935.400	0.000	43910.000	39290.000	39650.000
σ		6.168%	0.716	8.094	18.140	0.000	929.600	277.400	164.600
%RSD		5.696	1.439	0.815	1.939	0.000	2.117	0.706	0.415

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	1693.000	8761.000	0.000	46410.000	47660.000	47060.000	76.645%	943.700
2	19:02:29	1699.000	8772.000	0.000	45720.000	46830.000	47190.000	80.479%	940.000
3	19:03:10	1675.000	8620.000	0.000	45180.000	46700.000	47100.000	81.955%	933.200
x		1689.000	8718.000	0.000	45770.000	47060.000	47120.000	79.693%	938.900
σ		12.440	84.760	0.000	620.400	521.400	65.490	2.741%	5.336
%RSD		0.736	0.972	0.000	1.355	1.108	0.139	3.439	0.568

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	455.000	190.900	469.600	760.600	1022.000	462.900	451.600	221.300
2	19:02:29	456.100	192.200	468.900	756.600	1009.000	459.800	454.800	223.700
3	19:03:10	454.600	190.100	471.400	762.400	1008.000	461.100	454.600	224.300
x		455.200	191.000	470.000	759.900	1013.000	461.300	453.700	223.100
σ		0.822	1.063	1.296	2.988	7.491	1.556	1.799	1.581
%RSD		0.181	0.556	0.276	0.393	0.740	0.337	0.397	0.709

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	221.000	469.100	480.200	37.450	6.598	9.674	0.000	931.600
2	19:02:29	222.400	472.400	476.600	35.710	6.998	8.527	0.000	924.600
3	19:03:10	221.700	474.900	478.300	31.920	8.039	7.962	0.000	932.100
x		221.700	472.100	478.400	35.030	7.211	8.721	0.000	929.400
σ		0.697	2.940	1.805	2.827	0.744	0.872	0.000	4.207
%RSD		0.314	0.623	0.377	8.071	10.320	10.000	0.000	0.453

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	76.865%	987.000	997.100	74.468%	47.250	46.540	49.890	39.180
2	19:02:29	81.309%	988.200	993.900	78.859%	47.300	46.540	48.420	37.670
3	19:03:10	83.383%	997.200	1009.000	80.566%	47.770	47.350	48.690	39.250
x		80.519%	990.800	999.900	77.964%	47.440	46.810	49.000	38.700
σ		3.330%	5.620	7.864	3.146%	0.286	0.468	0.782	0.890
%RSD		4.136	0.567	0.787	4.035	0.603	1.000	1.595	2.300

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	79.898%	1985.000	486.300	486.800	1840.000	1801.000	86.907%	89.069%
2	19:02:29	85.751%	1955.000	481.400	482.200	1841.000	1825.000	91.477%	93.179%
3	19:03:10	87.862%	1969.000	486.600	489.300	1831.000	1827.000	94.399%	96.006%
x		84.504%	1970.000	484.800	486.100	1837.000	1818.000	90.928%	92.751%
σ		4.126%	14.940	2.890	3.628	5.440	14.150	3.776%	3.488%
%RSD		4.883	0.758	0.596	0.746	0.296	0.778	4.153	3.761

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:47	44.800	44.300	19.000	19.400	19.180	89.120%
2	19:02:29	46.010	45.110	18.710	18.420	18.700	94.659%
3	19:03:10	46.060	45.740	19.360	19.140	19.280	96.274%
x		45.630	45.050	19.020	18.990	19.050	93.351%
σ		0.712	0.724	0.324	0.504	0.314	3.752%
%RSD		1.560	1.607	1.703	2.654	1.646	4.019

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	102.080%	-0.031	70.370	66.750	0.000	57550.000	21400.000	21500.000
2	19:06:44	102.442%	-0.000	59.060	64.610	0.000	56870.000	21330.000	21410.000
3	19:07:25	102.439%	-0.000	64.280	63.400	0.000	56840.000	21420.000	21470.000
x		102.320%	-0.010	64.570	64.920	0.000	57090.000	21380.000	21460.000
σ		0.208%	0.018	5.662	1.696	0.000	401.600	50.630	47.230
%RSD		0.203	170.500	8.769	2.612	0.000	0.704	0.237	0.220

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	104.700	7066.000	0.000	9653.000	24800.000	25410.000	74.987%	8.284
2	19:06:44	103.700	7064.000	0.000	9498.000	25790.000	25560.000	75.598%	6.983
3	19:07:25	106.900	7087.000	0.000	9537.000	25420.000	25400.000	75.724%	8.136
x		105.100	7072.000	0.000	9563.000	25330.000	25450.000	75.436%	7.801
σ		1.632	12.400	0.000	80.830	498.300	90.000	0.394%	0.713
%RSD		1.553	0.175	0.000	0.845	1.967	0.354	0.522	9.134

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	-4.369	1.342	76.950	14560.000	14650.000	0.188	1.519	2.210
2	19:06:44	-3.317	1.156	77.210	14400.000	14760.000	0.152	1.521	1.865
3	19:07:25	-3.797	1.354	77.970	14340.000	14730.000	0.238	1.679	2.179
x		-3.828	1.284	77.380	14430.000	14710.000	0.193	1.573	2.085
σ		0.527	0.111	0.534	115.200	60.500	0.043	0.092	0.191
%RSD		13.760	8.673	0.690	0.798	0.411	22.300	5.848	9.166

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	1.947	7.141	7.108	7.668	-1.549	0.182	0.000	256.100
2	19:06:44	1.979	6.642	7.100	7.120	-1.818	-2.223	0.000	260.900
3	19:07:25	1.817	6.454	7.184	7.722	-1.949	-1.128	0.000	262.000
x		1.914	6.746	7.131	7.503	-1.772	-1.056	0.000	259.700
σ		0.086	0.355	0.046	0.333	0.204	1.204	0.000	3.123
%RSD		4.485	5.262	0.650	4.435	11.490	114.000	0.000	1.203

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	76.689%	4.309	4.457	74.279%	0.004	0.004	-0.005	-0.025
2	19:06:44	76.980%	2.437	2.506	75.568%	0.018	0.004	-0.117	-0.337
3	19:07:25	77.091%	2.038	1.705	75.877%	0.028	-0.002	0.005	-0.128
x		76.920%	2.928	2.890	75.241%	0.017	0.002	-0.039	-0.163
σ		0.208%	1.213	1.415	0.848%	0.012	0.003	0.067	0.159
%RSD		0.270	41.410	48.980	1.127	74.120	162.600	172.100	97.440

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	80.727%	27.460	0.289	0.274	48.270	47.370	88.221%	89.282%
2	19:06:44	82.078%	21.960	0.248	0.164	48.700	47.900	89.093%	91.724%
3	19:07:25	81.217%	21.040	0.225	0.265	48.330	49.670	89.816%	92.008%
x		81.341%	23.480	0.254	0.234	48.430	48.310	89.043%	91.005%
σ		0.684%	3.472	0.032	0.061	0.235	1.208	0.798%	1.498%
%RSD		0.840	14.780	12.780	25.990	0.485	2.500	0.897	1.647

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:06:02	0.831	0.773	0.693	0.598	0.655	87.667%
2	19:06:44	0.558	0.607	0.659	0.640	0.630	89.320%
3	19:07:25	0.401	0.468	0.665	0.642	0.635	90.754%
x		0.597	0.616	0.672	0.627	0.640	89.247%
σ		0.217	0.153	0.018	0.025	0.013	1.545%
%RSD		36.440	24.770	2.696	3.969	2.107	1.731

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:18	96.447%	-0.031	68.870	67.090	0.000	70580.000	18890.000	18900.000
2	19:10:59	100.071%	-0.031	65.240	65.870	0.000	68990.000	18650.000	18720.000
3	19:11:41	100.995%	-0.031	67.190	63.540	0.000	68480.000	18650.000	18660.000
x		99.171%	-0.031	67.100	65.500	0.000	69350.000	18730.000	18760.000
σ		2.404%	0.000	1.819	1.800	0.000	1097.000	140.400	123.200
%RSD		2.424	0.000	2.712	2.748	0.000	1.582	0.750	0.657
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:18	144.200	6527.000	0.000	4185.000	35560.000	35530.000	75.521%	10.560
2	19:10:59	146.800	6451.000	0.000	4160.000	36660.000	35680.000	77.084%	9.938
3	19:11:41	141.200	6428.000	0.000	4160.000	35980.000	35530.000	77.011%	8.803
x		144.100	6469.000	0.000	4168.000	36070.000	35580.000	76.539%	9.768
σ		2.814	52.080	0.000	14.590	552.400	84.400	0.882%	0.892
%RSD		1.953	0.805	0.000	0.350	1.532	0.237	1.153	9.128
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:18	-2.239	0.927	373.100	52870.000	53950.000	0.561	1.590	3.917
2	19:10:59	-2.555	0.853	374.600	51780.000	53860.000	0.342	1.402	3.675
3	19:11:41	-2.305	1.093	375.000	51850.000	54280.000	0.367	1.920	3.939
x		-2.367	0.958	374.200	52170.000	54030.000	0.423	1.638	3.844
σ		0.167	0.123	1.008	608.000	219.100	0.120	0.262	0.146
%RSD		7.046	12.830	0.269	1.165	0.405	28.370	16.000	3.802
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:18	4.608	8.076	8.442	17.590	-0.925	0.174	0.000	373.400
2	19:10:59	3.561	8.335	9.090	15.680	0.110	-1.384	0.000	372.500
3	19:11:41	3.699	7.659	8.777	15.680	-0.755	-0.700	0.000	377.400
x		3.956	8.023	8.770	16.310	-0.523	-0.637	0.000	374.400
σ		0.569	0.341	0.324	1.103	0.555	0.781	0.000	2.631
%RSD		14.380	4.247	3.698	6.761	106.000	122.600	0.000	0.703
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:18	77.080%	0.792	0.899	75.624%	0.004	-0.002	0.053	0.048
2	19:10:59	79.372%	0.624	0.799	77.686%	0.008	-0.002	0.088	-0.155
3	19:11:41	79.197%	0.514	0.762	78.160%	0.003	0.003	-0.008	-0.075
x		78.550%	0.643	0.820	77.157%	0.005	-0.000	0.044	-0.061
σ		1.276%	0.140	0.071	1.348%	0.003	0.003	0.048	0.102
%RSD		1.624	21.750	8.638	1.747	56.070	7384.000	109.000	168.600
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:18	79.632%	14.290	0.504	0.473	76.210	77.740	87.693%	89.118%
2	19:10:59	82.668%	14.720	0.449	0.390	76.970	77.590	90.205%	91.431%
3	19:11:41	84.545%	12.250	0.474	0.400	76.370	76.570	91.885%	92.688%
x		82.282%	13.750	0.476	0.421	76.520	77.300	89.928%	91.079%
σ		2.479%	1.323	0.027	0.045	0.398	0.636	2.110%	1.811%
%RSD		3.013	9.617	5.714	10.740	0.521	0.823	2.346	1.988
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:10:18	0.240	0.235	4.051	3.945	3.974	86.606%		
2	19:10:59	0.172	0.228	4.018	4.138	4.000	90.129%		
3	19:11:41	0.208	0.196	3.833	3.851	3.945	91.181%		
x		0.206	0.219	3.967	3.978	3.973	89.306%		
σ		0.034	0.021	0.117	0.146	0.027	2.396%		
%RSD		16.440	9.490	2.959	3.681	0.692	2.683		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	100.660%	-0.031	65.760	67.430	0.000	88240.000	23440.000	23470.000
2	19:15:15	102.332%	-0.000	68.820	66.160	0.000	87870.000	23630.000	23730.000
3	19:15:56	104.209%	0.029	68.200	66.980	0.000	87290.000	23490.000	23520.000
x		102.401%	-0.001	67.590	66.860	0.000	87800.000	23520.000	23580.000
σ		1.775%	0.030	1.620	0.646	0.000	481.300	97.740	137.100
%RSD		1.734	5603.000	2.397	0.966	0.000	0.548	0.416	0.582

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	69.030	5304.000	0.000	4823.000	40960.000	40460.000	74.531%	3.530
2	19:15:15	69.700	5319.000	0.000	4850.000	40230.000	40670.000	76.387%	4.663
3	19:15:56	70.860	5319.000	0.000	4855.000	41650.000	40530.000	77.944%	5.103
x		69.860	5314.000	0.000	4843.000	40950.000	40550.000	76.287%	4.432
σ		0.926	8.299	0.000	16.890	708.500	106.500	1.709%	0.812
%RSD		1.325	0.156	0.000	0.349	1.730	0.263	2.240	18.310

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	-1.917	0.982	858.900	5926.000	6177.000	0.236	1.283	3.483
2	19:15:15	-2.646	1.260	862.300	5867.000	6164.000	0.377	1.069	3.210
3	19:15:56	-3.619	1.253	864.500	5858.000	6179.000	0.367	1.206	3.855
x		-2.728	1.165	861.900	5884.000	6173.000	0.327	1.186	3.516
σ		0.854	0.158	2.798	36.860	8.339	0.079	0.109	0.324
%RSD		31.300	13.590	0.325	0.627	0.135	24.030	9.160	9.221

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	3.612	4.403	4.297	18.050	-1.432	-0.071	0.000	286.900
2	19:15:15	3.554	5.236	5.204	17.320	-0.884	-0.190	0.000	288.400
3	19:15:56	4.090	4.742	4.048	15.780	0.313	-1.320	0.000	291.200
x		3.752	4.794	4.516	17.050	-0.667	-0.527	0.000	288.800
σ		0.294	0.419	0.608	1.159	0.892	0.689	0.000	2.213
%RSD		7.834	8.733	13.470	6.796	133.700	130.800	0.000	0.766

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	77.262%	0.444	0.403	74.715%	0.009	0.009	-0.002	-0.074
2	19:15:15	79.560%	0.352	0.431	77.350%	0.008	0.003	-0.092	-0.122
3	19:15:56	80.151%	0.533	0.372	78.546%	-0.002	0.018	0.027	-0.088
x		78.991%	0.443	0.402	76.870%	0.005	0.010	-0.022	-0.094
σ		1.526%	0.091	0.029	1.960%	0.006	0.008	0.062	0.025
%RSD		1.932	20.540	7.335	2.550	116.400	74.010	275.500	25.950

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	81.318%	10.480	0.464	0.651	80.400	78.570	86.945%	90.114%
2	19:15:15	83.731%	10.370	0.603	0.673	77.330	77.960	91.945%	93.300%
3	19:15:56	85.286%	10.220	0.636	0.661	77.920	78.890	93.067%	95.086%
x		83.445%	10.360	0.568	0.662	78.550	78.470	90.652%	92.833%
σ		2.000%	0.129	0.092	0.011	1.629	0.473	3.259%	2.519%
%RSD		2.397	1.243	16.160	1.681	2.074	0.602	3.595	2.713

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:33	0.124	0.123	2.129	2.001	2.145	86.970%
2	19:15:15	0.106	0.108	2.077	2.000	2.096	91.685%
3	19:15:56	0.098	0.106	2.048	2.230	2.153	93.388%
x		0.109	0.112	2.085	2.077	2.131	90.681%
σ		0.013	0.009	0.041	0.132	0.031	3.325%
%RSD		12.060	8.280	1.958	6.372	1.461	3.667

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	98.516%	-0.031	66.460	66.160	0.000	89180.000	23610.000	23640.000
2	19:19:31	99.838%	0.032	73.070	67.980	0.000	88450.000	23750.000	23770.000
3	19:20:12	101.613%	0.061	69.110	65.820	0.000	87340.000	23550.000	23610.000
x		99.989%	0.021	69.550	66.650	0.000	88320.000	23640.000	23670.000
σ		1.554%	0.047	3.327	1.164	0.000	924.300	101.900	85.710
%RSD		1.554	226.100	4.784	1.746	0.000	1.046	0.431	0.362

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	67.610	5418.000	0.000	4794.000	41070.000	40530.000	76.328%	5.009
2	19:19:31	70.300	5399.000	0.000	4814.000	40370.000	40450.000	77.214%	4.682
3	19:20:12	71.480	5367.000	0.000	4862.000	41100.000	40240.000	77.554%	3.926
x		69.790	5395.000	0.000	4823.000	40850.000	40400.000	77.032%	4.539
σ		1.985	25.960	0.000	34.910	410.200	151.200	0.633%	0.556
%RSD		2.844	0.481	0.000	0.724	1.004	0.374	0.822	12.240

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	-2.346	1.408	853.700	5116.000	6114.000	0.299	1.134	3.543
2	19:19:31	-2.967	1.350	861.200	5846.000	6184.000	0.295	1.056	2.994
3	19:20:12	-2.574	1.442	861.700	5804.000	6148.000	0.369	1.219	3.749
x		-2.629	1.400	858.900	5589.000	6148.000	0.321	1.137	3.429
σ		0.314	0.047	4.463	409.600	35.110	0.042	0.082	0.390
%RSD		11.960	3.331	0.520	7.329	0.571	12.990	7.183	11.380

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	2.661	5.198	4.023	18.700	-1.858	-1.144	0.000	283.800
2	19:19:31	3.333	4.787	4.415	19.490	-0.768	0.088	0.000	287.800
3	19:20:12	3.254	5.159	5.180	15.430	-1.521	-1.262	0.000	287.600
x		3.083	5.048	4.539	17.880	-1.382	-0.773	0.000	286.400
σ		0.367	0.227	0.588	2.150	0.558	0.748	0.000	2.278
%RSD		11.900	4.497	12.960	12.030	40.360	96.800	0.000	0.795

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	78.555%	0.459	0.341	75.896%	0.008	0.004	0.028	-0.084
2	19:19:31	79.549%	0.240	0.485	78.084%	-0.002	-0.002	-0.071	-0.107
3	19:20:12	79.752%	0.349	0.352	77.913%	-0.002	0.003	0.016	-0.055
x		79.285%	0.349	0.393	77.298%	0.002	0.002	-0.009	-0.082
σ		0.641%	0.110	0.080	1.217%	0.006	0.003	0.054	0.026
%RSD		0.808	31.370	20.470	1.574	341.500	178.300	602.800	31.500

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	81.331%	8.989	0.576	0.517	77.870	77.850	88.060%	89.931%
2	19:19:31	83.287%	8.079	0.652	0.620	78.820	78.750	90.874%	92.367%
3	19:20:12	83.843%	7.616	0.573	0.532	80.400	77.420	91.167%	92.620%
x		82.820%	8.228	0.600	0.556	79.030	78.010	90.033%	91.639%
σ		1.319%	0.699	0.045	0.055	1.276	0.681	1.716%	1.485%
%RSD		1.593	8.494	7.470	9.957	1.615	0.874	1.906	1.620

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:49	0.114	0.107	2.134	1.945	2.061	85.703%
2	19:19:31	0.086	0.108	2.029	2.085	2.040	90.257%
3	19:20:12	0.085	0.121	1.976	2.011	2.013	90.820%
x		0.095	0.112	2.046	2.014	2.038	88.926%
σ		0.017	0.007	0.081	0.070	0.024	2.806%
%RSD		17.500	6.693	3.936	3.481	1.182	3.155

180-17167-A-5-A 12/29/2012 7:22:23 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:23:06	109.913%	-0.031	247.300	223.000	0.000	35090.000	37800.000	38090.000
2	19:23:47	113.002%	-0.031	243.900	226.200	0.000	34970.000	37910.000	38430.000
3	19:24:29	115.324%	-0.031	258.400	221.400	0.000	34840.000	38150.000	42420.000
x		112.746%	-0.031	249.900	223.500	0.000	34970.000	37960.000	39650.000
σ		2.715%	0.000	7.616	2.434	0.000	121.000	177.500	2411.000
%RSD		2.408	0.000	3.048	1.089	0.000	0.346	0.468	6.081
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:23:06	-1.547	7466.000	0.000	14820.000	104300.000	104700.000	81.421%	1.188
2	19:23:47	-0.003	7522.000	0.000	14790.000	104600.000	105300.000	83.580%	1.714
3	19:24:29	-0.902	7499.000	0.000	14770.000	106300.000	105600.000	84.776%	1.384
x		-0.817	7496.000	0.000	14790.000	105100.000	105200.000	83.259%	1.429
σ		0.775	28.210	0.000	22.910	1088.000	466.600	1.700%	0.266
%RSD		94.840	0.376	0.000	0.155	1.035	0.444	2.042	18.610
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:23:06	-9.701	1.599	23.290	94.830	232.800	0.136	1.367	3.597
2	19:23:47	-6.923	2.056	24.960	100.900	241.000	0.143	1.116	3.861
3	19:24:29	-8.531	2.164	24.040	97.310	229.400	0.134	1.319	3.692
x		-8.385	1.940	24.100	97.680	234.400	0.138	1.267	3.716
σ		1.395	0.300	0.836	3.042	5.923	0.005	0.133	0.134
%RSD		16.630	15.470	3.468	3.114	2.527	3.635	10.510	3.592
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:23:06	3.510	12.580	11.970	-1.198	-0.870	0.718	0.000	573.800
2	19:23:47	3.821	12.410	13.750	2.542	-1.076	1.533	0.000	576.800
3	19:24:29	3.334	12.750	13.430	0.860	1.467	-0.449	0.000	583.400
x		3.555	12.580	13.050	0.735	-0.160	0.601	0.000	578.000
σ		0.247	0.171	0.949	1.873	1.413	0.996	0.000	4.945
%RSD		6.940	1.360	7.272	255.000	884.100	165.900	0.000	0.856
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:23:06	81.438%	0.750	0.727	79.122%	-0.006	-0.002	-0.084	-0.123
2	19:23:47	83.769%	0.731	0.862	81.847%	0.021	0.032	-0.036	-0.006
3	19:24:29	84.010%	0.789	0.774	82.692%	0.003	0.012	-0.071	-0.164
x		83.072%	0.757	0.787	81.221%	0.006	0.014	-0.063	-0.098
σ		1.420%	0.030	0.068	1.866%	0.014	0.017	0.025	0.082
%RSD		1.710	3.903	8.698	2.297	244.500	120.100	39.370	84.210
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:23:06	84.302%	6.909	0.606	0.825	111.700	110.500	90.356%	93.336%
2	19:23:47	87.780%	7.188	0.748	0.729	111.300	107.200	94.912%	96.394%
3	19:24:29	88.919%	7.107	0.676	0.768	109.200	109.900	96.042%	96.991%
x		87.000%	7.068	0.676	0.774	110.700	109.200	93.770%	95.574%
σ		2.405%	0.144	0.071	0.049	1.309	1.728	3.010%	1.961%
%RSD		2.764	2.037	10.480	6.283	1.182	1.583	3.210	2.052
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:23:06	0.071	0.074	0.268	0.298	0.287	88.699%		
2	19:23:47	0.059	0.085	0.264	0.286	0.293	92.241%		
3	19:24:29	0.061	0.045	0.286	0.351	0.309	93.578%		
x		0.063	0.068	0.273	0.312	0.296	91.506%		
σ		0.006	0.021	0.012	0.035	0.012	2.521%		
%RSD		9.874	30.650	4.261	11.230	3.920	2.755		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	91.807%	0.003	47.270	45.550	0.000	7280.000	7520.000	7530.000
2	19:28:04	91.681%	0.037	48.940	49.780	0.000	7254.000	7540.000	7592.000
3	19:28:45	92.126%	0.036	54.260	46.570	0.000	7137.000	7494.000	7535.000
x		91.871%	0.025	50.160	47.300	0.000	7224.000	7518.000	7553.000
σ		0.229%	0.019	3.653	2.209	0.000	76.290	23.330	34.530
%RSD		0.249	76.630	7.284	4.670	0.000	1.056	0.310	0.457

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	0.563	1527.000	0.000	2559.000	20710.000	20640.000	78.105%	0.511
2	19:28:04	0.508	1540.000	0.000	2587.000	20860.000	20550.000	77.726%	0.113
3	19:28:45	-1.435	1517.000	0.000	2550.000	21410.000	20780.000	77.024%	0.586
x		-0.122	1528.000	0.000	2566.000	20990.000	20660.000	77.618%	0.404
σ		1.138	11.700	0.000	19.450	365.500	116.800	0.549%	0.254
%RSD		936.100	0.766	0.000	0.758	1.741	0.565	0.707	63.020

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	-3.778	0.615	5.114	34.950	75.070	0.064	0.419	1.426
2	19:28:04	-3.216	0.570	5.596	33.260	63.910	0.060	0.486	1.398
3	19:28:45	-2.562	0.655	4.948	27.560	66.270	0.043	0.240	1.312
x		-3.185	0.614	5.219	31.920	68.420	0.056	0.382	1.379
σ		0.609	0.042	0.337	3.873	5.882	0.011	0.127	0.059
%RSD		19.100	6.900	6.454	12.130	8.597	19.690	33.370	4.314

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	1.041	2.815	3.704	-1.454	0.409	-0.793	0.000	115.000
2	19:28:04	1.532	3.042	2.520	-0.806	-1.227	-0.927	0.000	116.400
3	19:28:45	1.242	2.421	3.123	-0.841	-1.374	-1.220	0.000	114.500
x		1.272	2.759	3.116	-1.034	-0.731	-0.980	0.000	115.300
σ		0.247	0.314	0.592	0.364	0.990	0.219	0.000	1.009
%RSD		19.390	11.380	19.010	35.230	135.500	22.290	0.000	0.875

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	77.837%	0.244	0.360	79.015%	0.042	-0.002	-0.070	-0.113
2	19:28:04	78.004%	0.242	0.216	79.403%	0.013	0.019	0.072	-0.005
3	19:28:45	79.029%	0.144	0.073	79.036%	0.003	-0.002	-0.010	-0.113
x		78.290%	0.210	0.216	79.151%	0.019	0.005	-0.003	-0.077
σ		0.645%	0.057	0.143	0.218%	0.020	0.012	0.072	0.062
%RSD		0.824	27.230	66.180	0.276	105.000	235.700	2683.000	80.620

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	81.502%	3.222	0.194	0.166	20.410	21.880	86.271%	87.645%
2	19:28:04	82.482%	3.386	0.177	0.171	21.490	22.240	87.123%	88.857%
3	19:28:45	83.332%	2.943	0.195	0.169	21.810	21.870	88.125%	88.952%
x		82.439%	3.183	0.189	0.169	21.240	22.000	87.173%	88.484%
σ		0.916%	0.224	0.010	0.002	0.731	0.213	0.928%	0.729%
%RSD		1.111	7.028	5.510	1.266	3.443	0.970	1.065	0.824

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:27:22	0.068	0.077	0.088	0.067	0.094	82.350%
2	19:28:04	0.064	0.063	0.071	0.098	0.093	84.135%
3	19:28:45	0.060	0.054	0.056	0.085	0.067	84.982%
x		0.064	0.064	0.072	0.083	0.085	83.822%
σ		0.004	0.012	0.016	0.015	0.015	1.343%
%RSD		6.613	18.050	22.370	18.640	17.820	1.603

CCV 664806 12/29/2012 7:33:48 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	75.172%	108.000	110.100	106.900	0.000	51510.000	44910.000	45030.000
2	19:35:13	76.584%	110.000	105.600	106.400	0.000	50840.000	45120.000	45500.000
3	19:35:55	77.679%	106.600	103.700	105.300	0.000	50880.000	45510.000	45690.000
x		76.478%	108.200%	106.441%	106.194%	0.000	102.157%	90.367%	90.811%
σ		1.257%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.643	1.604	3.097	0.767	0.000	0.741	0.675	0.755

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	507.500	5163.000	0.000	52080.000	52570.000	51450.000	70.250%	105.200
2	19:35:13	512.000	5219.000	0.000	51360.000	51090.000	51770.000	72.472%	105.200
3	19:35:55	507.300	5265.000	0.000	51320.000	53920.000	51550.000	74.327%	102.500
x		101.785%	104.321%	0.000	103.171%	105.052%	103.181%	72.350%	104.316%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.041%	n/a
%RSD		0.520	0.980	0.000	0.834	2.697	0.312	2.821	1.471

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	104.800	105.000	511.200	26020.000	25630.000	103.500	108.200	104.200
2	19:35:13	105.500	104.900	518.900	25610.000	25840.000	106.100	106.200	106.800
3	19:35:55	102.800	106.000	515.400	25570.000	26000.000	105.200	105.000	107.100
x		104.371%	105.277%	103.035%	102.941%	103.298%	104.936%	106.431%	106.041%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.322	0.582	0.748	0.962	0.728	1.254	1.515	1.550

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	105.400	103.200	104.900	97.570	101.100	94.720	0.000	97.160
2	19:35:13	105.700	101.900	106.400	100.200	98.400	98.640	0.000	95.710
3	19:35:55	103.200	105.300	104.400	103.600	98.490	103.000	0.000	96.450
x		104.761%	103.474%	105.250%	100.438%	99.336%	98.798%	0.000	96.443%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.317	1.671	0.981	2.992	1.554	4.211	0.000	0.750

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	79.442%	96.220	98.470	75.464%	98.000	98.000	98.050	98.590
2	19:35:13	82.890%	100.100	100.600	78.812%	98.010	98.140	97.770	96.110
3	19:35:55	83.499%	102.300	101.600	80.804%	99.320	101.500	98.330	100.400
x		81.943%	99.544%	100.235%	78.360%	98.444%	99.223%	98.050%	98.358%
σ		2.188%	n/a	n/a	2.699%	n/a	n/a	n/a	n/a
%RSD		2.670	3.103	1.606	3.444	0.769	2.017	0.289	2.176

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	79.015%	98.190	98.570	99.440	94.510	96.910	84.458%	84.559%
2	19:35:13	83.187%	99.510	97.680	98.710	96.040	97.300	87.986%	89.218%
3	19:35:55	83.988%	101.500	99.640	99.140	96.180	96.940	89.471%	90.853%
x		82.063%	99.741%	98.629%	99.095%	95.576%	97.051%	87.305%	88.210%
σ		2.670%	n/a	n/a	n/a	n/a	n/a	2.575%	3.266%
%RSD		3.254	1.686	0.993	0.368	0.968	0.226	2.949	3.703

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:34:31	99.520	98.750	100.400	99.310	100.200	83.516%
2	19:35:13	99.890	99.650	101.500	101.900	101.600	86.942%
3	19:35:55	101.100	100.100	100.700	101.600	101.500	88.589%
x		100.167%	99.497%	100.881%	100.924%	101.093%	86.349%
σ		n/a	n/a	n/a	n/a	n/a	2.588%
%RSD		0.818	0.683	0.533	1.395	0.775	2.997

CCB4 12/29/2012 7:41:40 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	86.219%	0.040	2.445	2.593	0.000	-32.230	16.210	14.240
2	19:43:03	87.267%	0.039	4.060	2.431	0.000	-1.746	25.800	24.590
3	19:43:45	86.120%	-0.031	1.417	2.341	0.000	-58.100	4.007	4.983
x		86.535%	0.016	2.641	2.455	0.000	-30.690	15.340	14.600
σ		0.636%	0.041	1.332	0.128	0.000	28.210	10.920	9.807
%RSD		0.735	248.700	50.450	5.202	0.000	91.910	71.220	67.150

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	-2.811	5.056	0.000	7.213	30.600	34.250	80.161%	-0.023
2	19:43:03	-2.038	5.999	0.000	15.190	92.000	60.820	80.217%	0.107
3	19:43:45	-4.128	4.836	0.000	-3.941	19.290	11.200	80.613%	0.106
x		-2.992	5.297	0.000	6.155	47.290	35.420	80.330%	0.063
σ		1.057	0.618	0.000	9.612	39.120	24.830	0.246%	0.074
%RSD		35.310	11.670	0.000	156.200	82.720	70.100	0.307	117.400

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	-0.004	0.040	0.178	15.260	22.220	0.016	0.077	0.437
2	19:43:03	0.085	0.075	0.438	16.320	19.450	0.060	0.182	0.409
3	19:43:45	-0.093	-0.038	0.049	6.293	9.242	-0.000	0.055	0.397
x		-0.004	0.025	0.222	12.620	16.970	0.025	0.105	0.415
σ		0.089	0.058	0.198	5.509	6.836	0.031	0.068	0.020
%RSD		2173.000	227.200	89.380	43.640	40.280	123.900	64.980	4.905

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	0.400	0.613	1.080	-0.055	-1.200	-0.204	0.000	0.273
2	19:43:03	0.457	0.839	0.127	0.166	-1.005	0.393	0.000	0.446
3	19:43:45	0.243	0.294	0.081	0.011	-0.286	-0.061	0.000	0.092
x		0.367	0.582	0.430	0.041	-0.830	0.043	0.000	0.270
σ		0.111	0.274	0.564	0.113	0.482	0.312	0.000	0.177
%RSD		30.200	47.060	131.300	279.000	57.990	730.300	0.000	65.430

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	80.711%	0.275	0.229	82.469%	0.059	0.028	-0.022	-0.053
2	19:43:03	82.344%	0.188	0.127	83.260%	0.081	0.042	0.032	0.005
3	19:43:45	82.208%	0.199	0.101	84.126%	0.007	0.018	0.117	0.056
x		81.754%	0.221	0.153	83.285%	0.049	0.029	0.042	0.002
σ		0.906%	0.047	0.068	0.829%	0.038	0.012	0.070	0.055
%RSD		1.109	21.420	44.440	0.995	77.150	42.180	167.300	2185.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	82.988%	0.662	0.039	0.033	0.014	0.074	85.436%	86.150%
2	19:43:03	84.901%	0.616	0.092	0.083	0.012	0.239	86.077%	86.968%
3	19:43:45	84.284%	0.676	0.037	-0.007	0.037	0.026	87.862%	88.488%
x		84.058%	0.651	0.056	0.036	0.021	0.113	86.458%	87.202%
σ		0.976%	0.031	0.031	0.045	0.014	0.112	1.258%	1.186%
%RSD		1.162	4.815	55.760	124.200	66.000	99.310	1.454	1.361

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:42:21	0.086	0.084	0.046	0.033	0.046	88.762%
2	19:43:03	0.076	0.091	0.093	0.045	0.060	89.421%
3	19:43:45	0.023	0.052	-0.003	0.002	0.010	89.983%
x		0.062	0.076	0.046	0.027	0.039	89.389%
σ		0.034	0.021	0.048	0.022	0.026	0.611%
%RSD		55.140	27.480	105.300	83.580	67.340	0.684

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	106.786%	48.340	1203.000	1153.000	0.000	79290.000	86860.000	86830.000
2	19:47:22	111.091%	49.080	1191.000	1151.000	0.000	77730.000	85240.000	85380.000
3	19:48:03	112.509%	50.660	1202.000	1157.000	0.000	77640.000	84900.000	85400.000
x		110.128%	49.360	1199.000	1154.000	0.000	78220.000	85670.000	85870.000
σ		2.980%	1.186	6.549	2.877	0.000	925.800	1050.000	832.500
%RSD		2.706	2.403	0.546	0.249	0.000	1.184	1.225	0.969

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	1687.000	16370.000	0.000	60510.000	151900.000	153200.000	79.784%	940.400
2	19:47:22	1684.000	16360.000	0.000	59200.000	149100.000	153600.000	81.560%	934.700
3	19:48:03	1686.000	16390.000	0.000	59090.000	150000.000	154100.000	82.060%	944.200
x		1686.000	16370.000	0.000	59600.000	150300.000	153700.000	81.135%	939.800
σ		1.400	13.850	0.000	789.800	1417.000	441.000	1.197%	4.769
%RSD		0.083	0.085	0.000	1.325	0.943	0.287	1.475	0.507

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	461.100	189.500	490.700	845.300	1228.000	470.300	466.400	225.900
2	19:47:22	465.100	191.800	498.100	856.700	1273.000	473.500	465.600	231.700
3	19:48:03	460.800	194.200	497.100	846.600	1235.000	471.500	459.900	230.200
x		462.400	191.800	495.300	849.500	1245.000	471.800	463.900	229.200
σ		2.382	2.372	4.003	6.224	24.130	1.641	3.566	3.027
%RSD		0.515	1.236	0.808	0.733	1.938	0.348	0.769	1.320

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	223.200	475.600	484.000	38.200	7.640	8.346	0.000	1576.000
2	19:47:22	227.300	480.300	490.800	35.950	7.562	9.162	0.000	1604.000
3	19:48:03	231.300	484.100	493.000	35.480	7.354	7.901	0.000	1611.000
x		227.300	480.000	489.300	36.540	7.519	8.469	0.000	1597.000
σ		4.074	4.227	4.698	1.453	0.148	0.640	0.000	18.870
%RSD		1.793	0.881	0.960	3.976	1.965	7.551	0.000	1.182

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	74.604%	1018.000	1013.000	74.875%	47.700	45.710	46.140	37.700
2	19:47:22	75.822%	1038.000	1028.000	77.073%	47.340	47.030	48.630	37.880
3	19:48:03	76.379%	1032.000	1031.000	77.913%	46.620	46.790	47.530	40.990
x		75.602%	1029.000	1024.000	76.620%	47.220	46.510	47.430	38.850
σ		0.908%	9.850	9.659	1.569%	0.548	0.707	1.246	1.847
%RSD		1.201	0.957	0.944	2.048	1.160	1.519	2.627	4.755

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	80.331%	1931.000	477.200	480.600	1947.000	1944.000	85.625%	88.707%
2	19:47:22	82.320%	1957.000	484.900	487.400	1949.000	1951.000	89.868%	92.169%
3	19:48:03	83.636%	1951.000	488.300	481.700	1957.000	1951.000	91.466%	93.567%
x		82.095%	1947.000	483.500	483.200	1951.000	1949.000	88.986%	91.481%
σ		1.664%	13.480	5.687	3.610	4.999	4.269	3.019%	2.502%
%RSD		2.027	0.692	1.176	0.747	0.256	0.219	3.392	2.735

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:46:40	45.530	44.910	20.020	19.870	19.910	84.578%
2	19:47:22	46.510	45.560	19.540	19.010	19.410	89.556%
3	19:48:03	46.550	46.550	20.080	20.020	19.890	88.863%
x		46.200	45.670	19.880	19.640	19.740	87.666%
σ		0.583	0.825	0.292	0.545	0.284	2.696%
%RSD		1.261	1.805	1.471	2.775	1.436	3.076

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	109.844%	47.530	1191.000	1140.000	0.000	76800.000	84740.000	84580.000
2	19:51:39	109.665%	50.420	1238.000	1142.000	0.000	76990.000	84390.000	84530.000
3	19:52:21	110.959%	48.670	1222.000	1153.000	0.000	76900.000	84320.000	84300.000
x		110.156%	48.870	1217.000	1145.000	0.000	76900.000	84480.000	84470.000
σ		0.701%	1.455	24.140	6.955	0.000	96.920	220.600	152.800
%RSD		0.636	2.977	1.984	0.607	0.000	0.126	0.261	0.181

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	1668.000	16070.000	0.000	58730.000	150400.000	151900.000	80.237%	925.700
2	19:51:39	1679.000	16180.000	0.000	58690.000	148700.000	152600.000	81.191%	924.800
3	19:52:21	1673.000	16140.000	0.000	58690.000	149700.000	153500.000	80.875%	937.500
x		1673.000	16130.000	0.000	58700.000	149600.000	152700.000	80.768%	929.300
σ		5.434	55.240	0.000	25.170	877.600	778.200	0.486%	7.057
%RSD		0.325	0.342	0.000	0.043	0.587	0.510	0.602	0.759

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	463.300	192.900	493.000	844.400	1205.000	473.100	464.100	227.600
2	19:51:39	460.200	189.800	497.300	841.800	1250.000	470.400	457.800	228.100
3	19:52:21	460.000	193.000	497.000	847.100	1212.000	467.000	466.400	229.700
x		461.200	191.900	495.800	844.500	1223.000	470.200	462.800	228.500
σ		1.865	1.795	2.355	2.662	23.980	3.028	4.465	1.089
%RSD		0.404	0.935	0.475	0.315	1.961	0.644	0.965	0.477

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	226.900	485.300	494.100	35.840	7.372	7.971	0.000	1620.000
2	19:51:39	226.600	491.800	493.200	36.350	7.316	7.564	0.000	1633.000
3	19:52:21	230.500	493.700	504.000	36.800	5.804	8.943	0.000	1644.000
x		228.000	490.300	497.100	36.330	6.831	8.159	0.000	1632.000
σ		2.137	4.434	6.000	0.482	0.889	0.709	0.000	11.820
%RSD		0.937	0.904	1.207	1.327	13.020	8.686	0.000	0.724

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	73.465%	1029.000	1019.000	76.097%	47.580	45.960	47.240	39.480
2	19:51:39	74.762%	1034.000	1032.000	77.431%	47.500	45.860	46.310	39.030
3	19:52:21	74.553%	1043.000	1027.000	78.066%	46.390	46.160	46.500	39.160
x		74.260%	1035.000	1026.000	77.198%	47.160	45.990	46.680	39.230
σ		0.696%	7.484	7.008	1.005%	0.667	0.154	0.490	0.232
%RSD		0.938	0.723	0.683	1.302	1.415	0.334	1.049	0.592

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	82.750%	1906.000	478.200	478.100	1927.000	1909.000	89.912%	90.955%
2	19:51:39	84.093%	1944.000	482.900	486.100	1939.000	1933.000	91.447%	93.592%
3	19:52:21	84.652%	1943.000	485.800	483.300	1938.000	1932.000	92.521%	94.261%
x		83.831%	1931.000	482.300	482.500	1935.000	1925.000	91.293%	92.936%
σ		0.978%	21.360	3.846	4.090	6.556	13.270	1.311%	1.748%
%RSD		1.166	1.106	0.797	0.848	0.339	0.690	1.436	1.881

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:50:57	47.020	45.910	19.990	19.110	19.700	86.084%
2	19:51:39	46.610	46.330	20.090	19.940	20.140	89.389%
3	19:52:21	46.730	45.660	19.710	19.570	19.610	92.210%
x		46.790	45.960	19.930	19.540	19.820	89.228%
σ		0.211	0.340	0.196	0.414	0.281	3.066%
%RSD		0.451	0.739	0.985	2.121	1.417	3.436

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	94.455%	-0.031	130.700	124.500	0.000	21000.000	26160.000	26230.000
2	19:55:54	95.066%	-0.031	126.900	126.700	0.000	20810.000	26290.000	26260.000
3	19:56:36	97.116%	-0.031	119.200	116.800	0.000	20490.000	26000.000	26120.000
x		95.546%	-0.031	125.600	122.600	0.000	20770.000	26150.000	26200.000
σ		1.394%	0.000	5.900	5.190	0.000	260.400	148.600	73.830
%RSD		1.459	0.000	4.698	4.232	0.000	1.254	0.568	0.282

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	-0.403	10250.000	0.000	5198.000	66670.000	66630.000	71.323%	4.059
2	19:55:54	-1.082	10290.000	0.000	5191.000	66500.000	66040.000	72.650%	3.126
3	19:56:36	-1.126	10230.000	0.000	5187.000	66720.000	65540.000	73.362%	3.307
x		-0.870	10260.000	0.000	5192.000	66630.000	66070.000	72.445%	3.497
σ		0.405	30.460	0.000	5.928	114.300	544.100	1.035%	0.495
%RSD		46.530	0.297	0.000	0.114	0.172	0.824	1.428	14.140

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	-2.345	0.780	334.800	70240.000	72450.000	0.323	1.465	2.749
2	19:55:54	-2.454	0.593	335.200	69580.000	72850.000	0.276	1.452	2.476
3	19:56:36	-3.017	0.570	335.100	69130.000	72740.000	0.229	1.685	2.234
x		-2.605	0.648	335.000	69650.000	72680.000	0.276	1.534	2.486
σ		0.361	0.115	0.157	559.900	204.800	0.047	0.131	0.258
%RSD		13.840	17.810	0.047	0.804	0.282	17.050	8.537	10.370

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	2.373	7.690	8.229	9.240	0.337	-0.198	0.000	382.400
2	19:55:54	2.184	6.916	7.210	9.294	-0.007	-1.191	0.000	383.600
3	19:56:36	2.532	7.257	7.555	11.160	-1.362	-1.814	0.000	385.800
x		2.363	7.288	7.665	9.898	-0.344	-1.068	0.000	383.900
σ		0.175	0.388	0.518	1.092	0.898	0.815	0.000	1.741
%RSD		7.386	5.327	6.758	11.030	261.100	76.310	0.000	0.454

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	72.986%	5.114	5.406	71.932%	0.009	0.021	-0.044	-0.193
2	19:55:54	74.298%	2.779	2.529	73.218%	0.014	-0.002	-0.070	-0.187
3	19:56:36	75.048%	2.239	1.919	74.353%	0.019	-0.002	0.021	-0.063
x		74.111%	3.377	3.284	73.168%	0.014	0.006	-0.031	-0.148
σ		1.043%	1.528	1.862	1.211%	0.005	0.013	0.047	0.074
%RSD		1.408	45.250	56.700	1.656	33.980	217.700	149.300	49.760

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	76.486%	16.160	0.508	0.578	115.800	115.200	84.497%	85.930%
2	19:55:54	79.277%	12.350	0.364	0.381	114.600	114.100	86.534%	88.098%
3	19:56:36	80.119%	11.860	0.427	0.390	114.600	113.400	88.432%	89.535%
x		78.628%	13.460	0.433	0.450	115.000	114.200	86.488%	87.854%
σ		1.902%	2.351	0.073	0.111	0.698	0.912	1.968%	1.815%
%RSD		2.418	17.470	16.770	24.750	0.607	0.799	2.276	2.066

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	19:55:13	0.984	1.004	0.581	0.554	0.564	85.406%
2	19:55:54	0.719	0.701	0.526	0.523	0.503	88.337%
3	19:56:36	0.588	0.575	0.595	0.512	0.539	88.263%
x		0.764	0.760	0.567	0.530	0.535	87.335%
σ		0.201	0.221	0.036	0.022	0.031	1.672%
%RSD		26.360	29.030	6.399	4.141	5.790	1.914

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:59:27	93.238%	-0.031	42.930	40.860	0.000	46940.000	39960.000	40240.000
2	20:00:09	95.580%	-0.031	40.150	39.320	0.000	46710.000	40100.000	40600.000
3	20:00:51	96.805%	-0.031	38.020	37.000	0.000	46630.000	40220.000	40520.000
x		95.208%	-0.031	40.360	39.060	0.000	46760.000	40090.000	40460.000
σ		1.812%	0.000	2.460	1.943	0.000	159.700	132.600	190.800
%RSD		1.904	0.000	6.095	4.976	0.000	0.342	0.331	0.472
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:59:27	-3.167	8388.000	0.000	1275.000	40140.000	40430.000	70.982%	1.885
2	20:00:09	-3.366	8384.000	0.000	1286.000	41450.000	40640.000	71.722%	2.009
3	20:00:51	-3.452	8362.000	0.000	1286.000	40670.000	41050.000	72.073%	1.638
x		-3.328	8378.000	0.000	1282.000	40750.000	40710.000	71.592%	1.844
σ		0.146	14.390	0.000	6.502	658.300	316.400	0.557%	0.189
%RSD		4.393	0.172	0.000	0.507	1.615	0.777	0.778	10.240
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:59:27	-5.156	0.463	490.900	25550.000	26080.000	3.302	0.899	1.974
2	20:00:09	-4.470	0.428	497.200	25350.000	26450.000	3.122	0.540	1.902
3	20:00:51	-2.708	0.429	501.200	25360.000	26400.000	3.364	0.681	1.922
x		-4.111	0.440	496.400	25420.000	26310.000	3.263	0.707	1.933
σ		1.262	0.020	5.210	110.300	199.000	0.126	0.181	0.037
%RSD		30.710	4.509	1.049	0.434	0.756	3.860	25.560	1.909
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:59:27	1.415	2.205	2.459	27.780	-0.213	-0.242	0.000	295.200
2	20:00:09	2.155	1.754	2.325	28.740	-1.722	-1.222	0.000	298.300
3	20:00:51	1.259	1.155	2.338	27.000	-1.368	0.089	0.000	297.200
x		1.610	1.705	2.374	27.840	-1.101	-0.458	0.000	296.900
σ		0.479	0.527	0.074	0.869	0.789	0.681	0.000	1.527
%RSD		29.740	30.910	3.119	3.122	71.680	148.600	0.000	0.514
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:59:27	73.357%	15.860	17.510	72.207%	0.004	-0.001	-0.185	-0.226
2	20:00:09	74.228%	16.850	16.920	73.973%	-0.006	0.009	0.032	-0.048
3	20:00:51	75.744%	16.870	17.080	74.340%	0.004	-0.002	-0.101	-0.140
x		74.443%	16.530	17.170	73.507%	0.000	0.002	-0.085	-0.138
σ		1.207%	0.576	0.303	1.140%	0.006	0.006	0.109	0.089
%RSD		1.622	3.488	1.767	1.551	1605.000	293.800	128.700	64.380
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:59:27	77.052%	8.171	0.119	0.023	93.870	92.030	84.590%	85.913%
2	20:00:09	78.752%	8.248	0.116	0.036	97.650	95.530	86.824%	87.570%
3	20:00:51	80.287%	7.218	0.103	0.128	93.990	97.180	88.049%	89.863%
x		78.697%	7.879	0.112	0.062	95.170	94.910	86.488%	87.782%
σ		1.618%	0.574	0.009	0.057	2.145	2.632	1.754%	1.984%
%RSD		2.056	7.281	7.604	92.140	2.254	2.773	2.028	2.260
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:59:27	0.351	0.343	0.066	0.058	0.066	82.709%		
2	20:00:09	0.292	0.274	0.009	0.055	0.042	86.502%		
3	20:00:51	0.262	0.229	0.032	0.049	0.053	88.771%		
x		0.302	0.282	0.035	0.054	0.054	85.994%		
σ		0.045	0.058	0.029	0.005	0.012	3.063%		
%RSD		14.960	20.390	80.430	8.900	22.420	3.562		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	99.376%	-0.031	64.460	66.540	0.000	47810.000	51960.000	57790.000
2	20:04:24	99.705%	-0.031	69.480	67.260	0.000	48020.000	52730.000	57870.000
3	20:05:05	98.928%	-0.031	68.780	67.560	0.000	48300.000	53160.000	58180.000
x		99.336%	-0.031	67.570	67.120	0.000	48040.000	52620.000	57950.000
σ		0.390%	0.000	2.719	0.522	0.000	250.000	610.000	207.400
%RSD		0.393	0.000	4.024	0.777	0.000	0.520	1.159	0.358

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	39.530	9859.000	0.000	3340.000	65060.000	65010.000	75.417%	4.318
2	20:04:24	39.190	10070.000	0.000	3369.000	65720.000	65290.000	76.653%	3.635
3	20:05:05	38.540	10100.000	0.000	3401.000	65460.000	65650.000	76.920%	3.892
x		39.090	10010.000	0.000	3370.000	65410.000	65310.000	76.330%	3.948
σ		0.502	130.400	0.000	30.290	333.900	322.000	0.802%	0.345
%RSD		1.285	1.303	0.000	0.899	0.510	0.493	1.050	8.736

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	-4.337	0.870	2628.000	16140.000	16540.000	47.470	19.540	2.406
2	20:04:24	-2.800	0.990	2667.000	16030.000	16750.000	48.050	20.670	2.506
3	20:05:05	-3.743	0.931	2661.000	15950.000	16690.000	47.920	22.980	2.803
x		-3.627	0.930	2652.000	16040.000	16660.000	47.810	21.060	2.572
σ		0.775	0.060	21.100	93.930	104.900	0.307	1.754	0.206
%RSD		21.370	6.462	0.796	0.586	0.630	0.643	8.329	8.013

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	2.561	7.088	8.510	1.155	-0.897	-2.195	0.000	544.000
2	20:04:24	2.764	8.176	8.132	0.088	-1.110	-1.045	0.000	543.200
3	20:05:05	2.314	7.742	8.274	3.545	-0.735	-0.260	0.000	545.800
x		2.546	7.669	8.306	1.596	-0.914	-1.167	0.000	544.300
σ		0.225	0.547	0.191	1.770	0.188	0.973	0.000	1.322
%RSD		8.847	7.137	2.300	110.900	20.550	83.420	0.000	0.243

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	76.244%	1.129	1.215	74.957%	0.024	0.014	0.066	-0.051
2	20:04:24	78.666%	1.153	1.160	77.345%	0.003	-0.002	0.003	-0.180
3	20:05:05	78.620%	1.066	1.119	77.978%	-0.002	0.003	-0.049	-0.133
x		77.843%	1.116	1.165	76.760%	0.008	0.005	0.007	-0.122
σ		1.385%	0.045	0.048	1.593%	0.013	0.008	0.058	0.065
%RSD		1.779	4.019	4.143	2.076	159.400	155.100	870.200	53.700

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	80.007%	6.906	0.150	0.109	86.540	83.800	86.715%	89.410%
2	20:04:24	83.086%	7.386	0.078	0.148	85.600	86.480	91.386%	91.836%
3	20:05:05	83.030%	7.129	0.129	0.090	85.520	83.980	91.345%	92.321%
x		82.041%	7.140	0.119	0.116	85.890	84.750	89.815%	91.189%
σ		1.762%	0.240	0.037	0.030	0.564	1.498	2.685%	1.560%
%RSD		2.147	3.363	31.100	25.660	0.656	1.768	2.990	1.710

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:03:42	0.209	0.200	0.458	0.449	0.492	85.981%
2	20:04:24	0.209	0.214	0.559	0.458	0.519	89.509%
3	20:05:05	0.186	0.179	0.539	0.461	0.513	91.123%
x		0.202	0.198	0.519	0.456	0.508	88.871%
σ		0.013	0.018	0.053	0.006	0.015	2.630%
%RSD		6.603	8.909	10.250	1.333	2.856	2.959

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:57	94.165%	0.036	32.380	31.380	0.000	11540.000	3920.000	3939.000
2	20:08:39	95.293%	-0.031	30.600	32.180	0.000	11410.000	3914.000	3931.000
3	20:09:21	95.348%	0.002	33.550	31.770	0.000	11410.000	3885.000	3916.000
x		94.935%	0.002	32.180	31.780	0.000	11450.000	3906.000	3929.000
σ		0.668%	0.033	1.487	0.400	0.000	75.490	18.740	11.860
%RSD		0.704	1439.000	4.621	1.259	0.000	0.659	0.480	0.302
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:57	76.120	4673.000	0.000	5112.000	27960.000	28350.000	71.419%	4.708
2	20:08:39	72.620	4660.000	0.000	5167.000	28640.000	28320.000	71.600%	5.343
3	20:09:21	73.110	4633.000	0.000	5154.000	29160.000	28280.000	71.825%	5.399
x		73.950	4656.000	0.000	5144.000	28590.000	28320.000	71.615%	5.150
σ		1.895	20.460	0.000	28.860	601.000	37.980	0.203%	0.384
%RSD		2.562	0.440	0.000	0.561	2.102	0.134	0.284	7.456
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:57	-3.286	1.395	237.500	13600.000	13620.000	0.195	5.267	6.403
2	20:08:39	-3.443	1.414	235.500	13410.000	13540.000	0.229	4.738	6.378
3	20:09:21	-1.246	1.306	236.900	13360.000	13660.000	0.210	4.461	6.489
x		-2.658	1.372	236.600	13460.000	13610.000	0.211	4.822	6.423
σ		1.225	0.058	1.009	123.600	59.270	0.017	0.410	0.058
%RSD		46.090	4.217	0.426	0.919	0.436	8.084	8.501	0.909
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:57	6.159	58.610	61.340	-0.596	-0.336	-0.385	0.000	271.600
2	20:08:39	6.300	57.280	60.500	0.873	-1.330	0.276	0.000	269.700
3	20:09:21	6.451	60.210	62.610	0.451	-1.069	-0.954	0.000	270.900
x		6.303	58.700	61.480	0.243	-0.912	-0.354	0.000	270.700
σ		0.146	1.467	1.063	0.757	0.515	0.616	0.000	0.979
%RSD		2.319	2.499	1.729	311.900	56.530	173.800	0.000	0.361
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:57	72.904%	0.462	0.249	72.955%	0.004	-0.007	0.239	0.251
2	20:08:39	74.545%	0.331	0.283	74.261%	-0.001	-0.007	0.266	0.229
3	20:09:21	74.604%	0.244	0.246	74.393%	0.014	-0.007	0.008	0.062
x		74.018%	0.346	0.259	73.870%	0.005	-0.007	0.171	0.180
σ		0.965%	0.110	0.020	0.795%	0.008	0.000	0.142	0.103
%RSD		1.304	31.770	7.781	1.076	142.300	0.000	82.740	57.330
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:57	77.500%	5.853	0.324	0.287	43.820	41.820	83.815%	85.114%
2	20:08:39	78.974%	5.497	0.302	0.254	43.710	43.430	84.995%	86.263%
3	20:09:21	78.946%	6.070	0.306	0.355	44.900	42.740	87.098%	87.557%
x		78.473%	5.806	0.311	0.299	44.140	42.670	85.303%	86.311%
σ		0.843%	0.289	0.012	0.051	0.654	0.806	1.663%	1.222%
%RSD		1.074	4.984	3.785	17.230	1.481	1.890	1.950	1.416
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:07:57	0.152	0.115	0.961	0.834	0.935	84.601%		
2	20:08:39	0.122	0.104	0.939	0.971	0.975	86.888%		
3	20:09:21	0.103	0.112	1.036	0.846	0.943	88.173%		
x		0.126	0.111	0.979	0.884	0.951	86.554%		
σ		0.025	0.006	0.051	0.076	0.021	1.809%		
%RSD		19.760	5.431	5.183	8.581	2.243	2.090		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	96.920%	-0.031	3.892	4.174	0.000	-62.800	5.477	5.681
2	20:12:54	101.089%	0.000	5.630	3.636	0.000	-69.940	1.468	1.033
3	20:13:36	100.978%	-0.031	3.711	3.924	0.000	-55.550	8.097	8.153
x		99.662%	-0.020	4.411	3.911	0.000	-62.760	5.014	4.956
σ		2.375%	0.018	1.059	0.270	0.000	7.195	3.339	3.615
%RSD		2.384	87.700	24.010	6.892	0.000	11.460	66.590	72.950

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	-2.727	18.280	0.000	2.239	21.110	21.120	73.868%	0.967
2	20:12:54	-3.296	16.460	0.000	0.442	26.890	10.770	74.340%	0.680
3	20:13:36	-2.921	17.810	0.000	3.747	32.560	30.670	74.989%	0.466
x		-2.981	17.510	0.000	2.143	26.850	20.860	74.399%	0.704
σ		0.289	0.943	0.000	1.654	5.729	9.955	0.563%	0.251
%RSD		9.688	5.386	0.000	77.200	21.330	47.730	0.757	35.630

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	-4.402	0.814	0.305	16.020	26.520	0.003	0.064	1.492
2	20:12:54	-5.946	0.818	0.178	8.577	14.840	-0.007	0.063	1.564
3	20:13:36	-7.046	0.761	0.438	10.650	18.220	-0.024	0.154	1.430
x		-5.798	0.798	0.307	11.750	19.860	-0.009	0.094	1.495
σ		1.328	0.032	0.130	3.841	6.008	0.014	0.052	0.067
%RSD		22.910	3.971	42.290	32.690	30.260	144.600	55.300	4.480

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	0.849	0.572	0.390	-0.654	-1.107	-2.598	0.000	0.173
2	20:12:54	1.712	0.332	0.638	-0.932	-1.270	-1.405	0.000	0.110
3	20:13:36	1.541	0.734	0.486	0.323	-2.314	0.422	0.000	0.289
x		1.367	0.546	0.505	-0.421	-1.564	-1.194	0.000	0.191
σ		0.457	0.202	0.125	0.659	0.655	1.521	0.000	0.091
%RSD		33.420	36.990	24.750	156.700	41.870	127.400	0.000	47.530

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	75.147%	0.009	0.046	76.073%	0.008	0.009	0.058	-0.027
2	20:12:54	76.118%	-0.065	-0.053	77.198%	0.028	-0.007	-0.087	-0.079
3	20:13:36	76.320%	-0.011	0.108	77.594%	0.008	0.014	-0.174	-0.164
x		75.862%	-0.022	0.034	76.955%	0.015	0.005	-0.067	-0.090
σ		0.627%	0.039	0.081	0.789%	0.011	0.011	0.117	0.069
%RSD		0.826	173.200	238.300	1.025	75.920	204.300	174.100	77.130

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	79.958%	4.923	0.077	0.021	-0.010	0.171	85.565%	85.909%
2	20:12:54	81.104%	5.189	0.029	0.027	0.042	-0.018	85.526%	87.849%
3	20:13:36	80.556%	5.417	0.030	0.034	0.041	0.075	87.309%	87.254%
x		80.539%	5.176	0.045	0.028	0.025	0.076	86.133%	87.004%
σ		0.573%	0.247	0.028	0.006	0.030	0.095	1.018%	0.994%
%RSD		0.711	4.774	60.880	23.290	122.000	125.000	1.182	1.142

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:12:12	0.117	0.073	0.016	0.031	0.019	86.554%
2	20:12:54	0.080	0.086	0.001	0.014	0.010	88.514%
3	20:13:36	0.086	0.080	0.005	-0.006	0.008	88.360%
x		0.094	0.079	0.007	0.013	0.012	87.809%
σ		0.020	0.006	0.008	0.018	0.006	1.090%
%RSD		21.080	8.152	105.700	139.700	47.330	1.241

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	95.964%	-0.031	3.951	3.394	0.000	55.730	1.412	1.614
2	20:17:10	97.624%	-0.031	2.591	3.975	0.000	61.370	3.144	3.443
3	20:17:51	99.953%	-0.031	4.907	3.168	0.000	61.730	3.416	4.946
x		97.847%	-0.031	3.816	3.512	0.000	59.610	2.658	3.334
σ		2.004%	0.000	1.164	0.416	0.000	3.367	1.087	1.669
%RSD		2.048	0.000	30.500	11.850	0.000	5.648	40.900	50.050

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	-3.624	100.400	0.000	1.303	34.020	49.920	72.067%	0.489
2	20:17:10	-3.689	100.200	0.000	1.199	21.550	58.480	72.466%	0.414
3	20:17:51	-3.813	100.600	0.000	3.314	51.400	43.970	73.474%	0.549
x		-3.709	100.400	0.000	1.939	35.660	50.790	72.669%	0.484
σ		0.096	0.222	0.000	1.192	15.000	7.294	0.725%	0.068
%RSD		2.589	0.221	0.000	61.490	42.060	14.360	0.997	13.960

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	-5.809	0.839	0.144	6.019	10.710	-0.024	0.068	1.307
2	20:17:10	-5.848	0.865	0.209	6.278	11.900	-0.010	0.232	1.650
3	20:17:51	-5.535	1.014	0.176	6.036	9.756	-0.019	0.182	1.656
x		-5.731	0.906	0.176	6.111	10.790	-0.018	0.160	1.538
σ		0.171	0.094	0.032	0.145	1.072	0.007	0.084	0.200
%RSD		2.981	10.410	18.270	2.379	9.937	38.340	52.320	12.980

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	1.700	0.846	1.105	-2.269	-1.268	-1.812	0.000	0.111
2	20:17:10	1.624	0.905	0.930	1.507	-1.858	-1.609	0.000	0.139
3	20:17:51	1.586	0.817	0.734	0.498	-1.999	-1.377	0.000	0.230
x		1.637	0.856	0.923	-0.088	-1.708	-1.599	0.000	0.160
σ		0.058	0.045	0.186	1.955	0.388	0.218	0.000	0.062
%RSD		3.547	5.240	20.090	2221.000	22.700	13.620	0.000	38.930

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	72.205%	-0.126	-0.075	73.207%	0.004	-0.007	0.014	-0.041
2	20:17:10	74.096%	-0.101	-0.071	74.632%	0.014	0.009	-0.137	-0.153
3	20:17:51	74.087%	-0.231	-0.045	75.001%	-0.001	-0.007	-0.028	-0.146
x		73.463%	-0.153	-0.064	74.280%	0.005	-0.002	-0.051	-0.113
σ		1.089%	0.069	0.016	0.947%	0.008	0.009	0.078	0.063
%RSD		1.482	45.300	25.210	1.275	142.200	622.600	153.900	55.630

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	75.635%	4.470	0.033	0.017	0.167	0.052	80.378%	81.883%
2	20:17:10	77.980%	4.632	0.048	0.030	-0.034	0.097	82.657%	83.850%
3	20:17:51	78.625%	4.458	0.052	0.064	0.047	0.031	83.054%	84.676%
x		77.413%	4.520	0.044	0.037	0.060	0.060	82.030%	83.470%
σ		1.573%	0.097	0.010	0.024	0.101	0.034	1.444%	1.435%
%RSD		2.032	2.150	22.710	64.990	169.100	55.920	1.761	1.719

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:28	0.095	0.090	-0.000	0.035	0.019	81.052%
2	20:17:10	0.047	0.045	0.017	0.004	0.017	84.172%
3	20:17:51	0.061	0.076	0.013	0.008	0.015	84.301%
x		0.068	0.070	0.010	0.015	0.017	83.175%
σ		0.025	0.023	0.009	0.017	0.002	1.840%
%RSD		36.930	32.720	89.010	110.200	12.810	2.212

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	92.910%	0.003	16.700	12.890	0.000	2492.000	880.500	864.500
2	20:21:26	95.637%	0.035	13.500	14.330	0.000	2520.000	868.600	870.900
3	20:22:08	96.826%	0.002	15.590	13.220	0.000	2510.000	870.000	878.700
x		95.124%	0.013	15.270	13.480	0.000	2507.000	873.000	871.300
σ		2.008%	0.019	1.623	0.757	0.000	14.000	6.505	7.112
%RSD		2.111	143.400	10.630	5.613	0.000	0.559	0.745	0.816

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	343.100	2551.000	0.000	2843.000	12160.000	11580.000	70.391%	9.348
2	20:21:26	342.100	2550.000	0.000	2879.000	11600.000	11690.000	70.940%	8.175
3	20:22:08	349.100	2579.000	0.000	2925.000	11820.000	11910.000	70.920%	9.851
x		344.800	2560.000	0.000	2882.000	11860.000	11720.000	70.751%	9.124
σ		3.817	16.330	0.000	41.110	282.600	166.700	0.311%	0.860
%RSD		1.107	0.638	0.000	1.426	2.383	1.422	0.440	9.427

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	-1.732	2.101	116.800	6208.000	6181.000	0.198	0.565	2.853
2	20:21:26	-2.801	2.158	117.400	5146.000	6159.000	0.164	0.851	3.352
3	20:22:08	-2.318	2.007	118.700	5239.000	6318.000	0.176	0.915	3.625
x		-2.284	2.089	117.600	5531.000	6219.000	0.179	0.777	3.277
σ		0.535	0.076	0.963	588.000	86.510	0.017	0.186	0.392
%RSD		23.440	3.661	0.819	10.630	1.391	9.705	23.980	11.950

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	2.874	8.675	10.980	-0.333	-1.651	-0.132	0.000	90.930
2	20:21:26	3.510	9.314	11.100	1.286	-1.145	-1.105	0.000	91.220
3	20:22:08	2.954	10.130	11.020	1.375	-1.187	-1.096	0.000	91.440
x		3.113	9.372	11.030	0.776	-1.328	-0.778	0.000	91.200
σ		0.346	0.729	0.058	0.961	0.281	0.560	0.000	0.258
%RSD		11.130	7.777	0.526	123.900	21.150	71.950	0.000	0.283

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	71.820%	-0.079	-0.018	72.359%	-0.001	0.004	-0.129	-0.029
2	20:21:26	73.020%	0.093	0.148	73.320%	0.004	0.010	-0.139	-0.089
3	20:22:08	74.413%	0.115	-0.000	74.396%	-0.001	-0.002	-0.034	-0.085
x		73.084%	0.043	0.043	73.358%	0.000	0.004	-0.100	-0.068
σ		1.298%	0.107	0.091	1.019%	0.003	0.006	0.057	0.033
%RSD		1.776	248.100	211.800	1.389	768.100	136.600	57.230	49.120

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	76.090%	3.970	0.088	0.116	10.840	11.690	82.411%	82.969%
2	20:21:26	77.641%	4.360	0.123	0.092	10.740	10.890	84.872%	85.657%
3	20:22:08	79.869%	4.277	0.135	0.069	12.100	11.090	85.754%	86.816%
x		77.867%	4.203	0.115	0.092	11.230	11.220	84.345%	85.148%
σ		1.900%	0.206	0.025	0.024	0.759	0.417	1.732%	1.974%
%RSD		2.439	4.895	21.400	25.680	6.761	3.714	2.054	2.318

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:20:44	0.054	0.067	1.583	1.566	1.570	82.614%
2	20:21:26	0.059	0.067	1.625	1.586	1.636	86.127%
3	20:22:08	0.064	0.057	1.586	1.516	1.563	87.853%
x		0.059	0.064	1.598	1.556	1.590	85.531%
σ		0.005	0.006	0.023	0.036	0.040	2.670%
%RSD		8.424	8.759	1.454	2.337	2.546	3.121

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	91.016%	-0.031	52.920	51.630	0.000	67420.000	5304.000	5271.000
2	20:25:43	94.711%	0.002	53.220	51.320	0.000	66200.000	5277.000	5284.000
3	20:26:24	93.892%	0.036	55.390	50.700	0.000	66780.000	5323.000	5318.000
x		93.206%	0.002	53.840	51.220	0.000	66800.000	5301.000	5291.000
σ		1.941%	0.033	1.349	0.471	0.000	609.900	22.950	24.580
%RSD		2.082	1345.000	2.505	0.920	0.000	0.913	0.433	0.465

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	295.700	4995.000	0.000	4612.000	34130.000	34140.000	69.918%	12.820
2	20:25:43	298.200	4987.000	0.000	4676.000	33990.000	34480.000	70.195%	10.920
3	20:26:24	295.700	5008.000	0.000	4661.000	33930.000	34430.000	70.757%	10.610
x		296.600	4997.000	0.000	4650.000	34020.000	34350.000	70.290%	11.450
σ		1.454	11.020	0.000	33.230	100.600	182.100	0.428%	1.199
%RSD		0.490	0.221	0.000	0.715	0.296	0.530	0.608	10.470

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	-1.319	4.843	206.400	13210.000	13040.000	0.227	1.100	7.239
2	20:25:43	-2.063	5.082	208.900	13260.000	13320.000	0.262	1.403	6.727
3	20:26:24	-1.084	4.710	209.000	13120.000	13320.000	0.278	1.391	6.968
x		-1.488	4.878	208.100	13190.000	13230.000	0.256	1.298	6.978
σ		0.511	0.188	1.468	69.890	163.900	0.026	0.172	0.256
%RSD		34.340	3.858	0.705	0.530	1.239	10.120	13.240	3.673

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	7.610	34.230	34.740	2.090	-0.676	-1.011	0.000	183.900
2	20:25:43	6.579	34.800	36.740	0.413	-0.595	-1.934	0.000	185.500
3	20:26:24	6.820	35.950	36.420	0.041	-1.290	-2.713	0.000	186.100
x		7.003	34.990	35.970	0.848	-0.854	-1.886	0.000	185.200
σ		0.539	0.875	1.076	1.092	0.380	0.852	0.000	1.155
%RSD		7.696	2.499	2.993	128.800	44.530	45.160	0.000	0.623

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	71.572%	0.258	0.538	69.866%	0.010	0.022	0.150	0.079
2	20:25:43	73.016%	0.526	0.717	71.929%	0.025	0.027	0.208	0.303
3	20:26:24	73.423%	0.419	0.622	72.213%	0.004	0.021	-0.053	-0.029
x		72.670%	0.401	0.626	71.336%	0.013	0.023	0.102	0.118
σ		0.972%	0.135	0.089	1.281%	0.011	0.003	0.137	0.169
%RSD		1.338	33.600	14.270	1.796	84.210	13.210	135.000	143.900

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	74.167%	4.579	0.159	0.214	14.810	14.890	80.216%	81.243%
2	20:25:43	76.503%	4.975	0.158	0.220	14.950	14.720	84.004%	84.395%
3	20:26:24	76.829%	4.768	0.212	0.206	15.340	14.690	83.840%	85.705%
x		75.833%	4.774	0.176	0.213	15.040	14.770	82.687%	83.781%
σ		1.452%	0.198	0.031	0.007	0.276	0.110	2.141%	2.294%
%RSD		1.914	4.154	17.610	3.496	1.838	0.746	2.589	2.738

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:01	0.069	0.077	1.671	1.698	1.650	80.051%
2	20:25:43	0.059	0.061	1.728	1.699	1.775	82.828%
3	20:26:24	0.075	0.050	1.796	1.602	1.728	84.820%
x		0.068	0.063	1.732	1.666	1.717	82.566%
σ		0.008	0.014	0.062	0.056	0.063	2.395%
%RSD		11.730	21.640	3.592	3.352	3.683	2.901

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	77.951%	107.000	100.000	103.100	0.000	50860.000	44490.000	44750.000
2	20:32:53	79.404%	109.200	105.400	102.400	0.000	50470.000	44870.000	45060.000
3	20:33:35	78.849%	108.900	109.900	104.700	0.000	50820.000	45220.000	45630.000
x		78.735%	108.387%	105.103%	103.383%	0.000	101.433%	89.716%	90.289%
σ		0.733%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.931	1.105	4.729	1.166	0.000	0.421	0.822	0.987

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	496.600	5241.000	0.000	52180.000	51170.000	51010.000	72.918%	108.000
2	20:32:53	500.100	5264.000	0.000	51670.000	52250.000	51690.000	74.460%	105.100
3	20:33:35	506.000	5308.000	0.000	51550.000	51950.000	52020.000	75.622%	104.500
x		100.179%	105.416%	0.000	103.596%	103.583%	103.149%	74.333%	105.855%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.356%	n/a
%RSD		0.954	0.648	0.000	0.644	1.077	0.996	1.824	1.789

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	102.900	103.400	510.200	26080.000	25490.000	104.400	102.900	106.100
2	20:32:53	105.300	103.800	515.200	25690.000	25930.000	105.200	107.600	106.100
3	20:33:35	103.700	105.000	512.900	25630.000	25900.000	106.500	108.300	106.600
x		103.972%	104.076%	102.553%	103.193%	103.099%	105.364%	106.286%	106.250%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.173	0.768	0.493	0.947	0.944	1.020	2.778	0.252

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	104.800	100.900	106.600	100.800	94.800	97.780	0.000	92.400
2	20:32:53	106.100	102.600	102.400	101.300	100.300	99.630	0.000	91.840
3	20:33:35	103.000	103.000	102.900	100.700	98.340	98.080	0.000	92.480
x		104.626%	102.160%	103.946%	100.936%	97.807%	98.495%	0.000	92.240%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.471	1.109	2.201	0.326	2.838	1.010	0.000	0.377

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	83.034%	95.840	96.090	79.830%	96.910	96.700	96.460	96.670
2	20:32:53	86.284%	97.710	97.820	82.495%	98.510	97.520	97.280	97.950
3	20:33:35	87.890%	98.530	98.920	83.471%	97.870	98.220	98.600	98.190
x		85.736%	97.358%	97.613%	81.932%	97.764%	97.481%	97.449%	97.602%
σ		2.474%	n/a	n/a	1.884%	n/a	n/a	n/a	n/a
%RSD		2.886	1.413	1.461	2.300	0.828	0.781	1.106	0.837

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	81.490%	97.670	97.470	97.100	97.780	95.780	86.983%	87.515%
2	20:32:53	84.599%	100.400	97.880	97.780	93.110	96.040	90.139%	90.728%
3	20:33:35	85.925%	97.840	97.540	98.780	97.340	96.050	91.795%	91.735%
x		84.004%	98.636%	97.631%	97.887%	96.077%	95.956%	89.639%	89.993%
σ		2.277%	n/a	n/a	n/a	n/a	n/a	2.444%	2.204%
%RSD		2.710	1.547	0.225	0.862	2.681	0.163	2.727	2.449

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:11	100.900	100.600	101.800	103.000	101.900	82.340%
2	20:32:53	101.900	101.300	102.300	102.400	102.600	85.883%
3	20:33:35	101.400	100.800	101.400	101.600	101.100	87.821%
x		101.403%	100.921%	101.829%	102.330%	101.904%	85.348%
σ		n/a	n/a	n/a	n/a	n/a	2.779%
%RSD		0.463	0.371	0.422	0.693	0.723	3.256

CCB5 12/29/2012 8:38:43 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	90.034%	0.003	1.801	2.196	0.000	-48.330	12.240	13.060
2	20:40:06	91.374%	0.036	1.518	1.580	0.000	-45.860	15.250	16.650
3	20:40:48	93.560%	0.035	2.293	1.807	0.000	-55.260	13.040	12.850
x		91.656%	0.025	1.871	1.861	0.000	-49.820	13.510	14.190
σ		1.780%	0.019	0.392	0.311	0.000	4.875	1.559	2.135
%RSD		1.942	75.200	20.960	16.740	0.000	9.787	11.540	15.050

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	-2.528	4.531	0.000	6.005	60.440	41.610	84.905%	0.035
2	20:40:06	-2.259	4.982	0.000	6.416	64.940	43.220	85.876%	0.215
3	20:40:48	-2.718	4.419	0.000	0.438	38.490	38.420	86.511%	0.093
x		-2.502	4.644	0.000	4.287	54.620	41.080	85.764%	0.114
σ		0.230	0.298	0.000	3.339	14.160	2.439	0.809%	0.092
%RSD		9.210	6.415	0.000	77.890	25.910	5.937	0.943	80.490

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	-0.022	0.075	0.270	19.360	28.340	0.055	0.230	0.485
2	20:40:06	0.155	-0.031	0.267	16.730	27.520	0.017	0.108	0.537
3	20:40:48	0.017	0.045	0.200	12.290	19.230	0.001	0.048	0.598
x		0.050	0.030	0.246	16.130	25.030	0.024	0.129	0.540
σ		0.093	0.054	0.040	3.573	5.044	0.028	0.093	0.056
%RSD		185.300	184.100	16.160	22.160	20.150	114.200	72.300	10.450

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	0.479	0.524	0.568	0.127	-0.591	0.513	0.000	0.349
2	20:40:06	0.213	0.206	0.562	0.175	-0.151	0.035	0.000	0.418
3	20:40:48	0.528	0.378	0.491	-0.141	0.160	-0.705	0.000	0.280
x		0.407	0.369	0.540	0.054	-0.194	-0.052	0.000	0.349
σ		0.169	0.159	0.043	0.170	0.377	0.614	0.000	0.069
%RSD		41.660	43.200	7.888	317.200	194.800	1174.000	0.000	19.750

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	86.487%	0.201	0.303	87.473%	0.024	0.031	-0.049	-0.064
2	20:40:06	86.608%	0.149	0.245	88.618%	0.037	0.040	0.028	-0.024
3	20:40:48	87.180%	0.097	0.145	89.257%	0.041	0.054	-0.082	-0.049
x		86.758%	0.149	0.231	88.449%	0.034	0.042	-0.034	-0.045
σ		0.370%	0.052	0.080	0.904%	0.009	0.011	0.057	0.020
%RSD		0.426	35.050	34.610	1.022	25.500	27.280	166.600	44.670

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	87.270%	0.686	0.031	0.017	0.083	0.111	89.934%	89.871%
2	20:40:06	87.899%	1.276	0.064	0.048	-0.018	0.124	91.263%	90.824%
3	20:40:48	89.011%	1.338	0.049	0.029	0.031	0.123	90.517%	91.744%
x		88.060%	1.100	0.048	0.031	0.032	0.119	90.571%	90.813%
σ		0.882%	0.360	0.017	0.015	0.050	0.007	0.666%	0.936%
%RSD		1.001	32.720	34.780	49.530	160.000	6.007	0.736	1.031

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:39:24	0.124	0.100	0.027	0.047	0.048	91.126%
2	20:40:06	0.078	0.071	0.026	0.046	0.040	92.587%
3	20:40:48	0.094	0.090	0.023	0.060	0.046	93.328%
x		0.099	0.087	0.025	0.051	0.045	92.347%
σ		0.023	0.015	0.002	0.008	0.004	1.121%
%RSD		23.480	17.030	9.473	15.550	9.022	1.214

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	92.838%	0.003	99.880	93.390	0.000	269200.000	8374.000	8366.000
2	20:44:24	95.625%	0.002	97.310	93.370	0.000	264100.000	8322.000	8346.000
3	20:45:06	96.272%	0.002	95.510	94.590	0.000	263100.000	8385.000	8379.000
x		94.912%	0.002	97.570	93.780	0.000	265400.000	8360.000	8364.000
σ		1.825%	0.001	2.196	0.698	0.000	3250.000	33.700	16.770
%RSD		1.922	28.060	2.251	0.744	0.000	1.224	0.403	0.201

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	17.750	8776.000	0.000	14870.000	49750.000	50210.000	72.544%	6.069
2	20:44:24	17.910	8712.000	0.000	14700.000	50170.000	50420.000	73.290%	6.639
3	20:45:06	17.420	8766.000	0.000	14720.000	51180.000	51160.000	73.507%	7.886
x		17.700	8752.000	0.000	14770.000	50370.000	50600.000	73.114%	6.865
σ		0.252	34.600	0.000	93.710	736.300	495.300	0.505%	0.929
%RSD		1.421	0.395	0.000	0.635	1.462	0.979	0.691	13.540

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	-0.970	1.208	803.400	48260.000	47940.000	0.346	1.930	2.414
2	20:44:24	-0.983	1.459	807.500	47460.000	48490.000	0.269	2.193	2.060
3	20:45:06	-0.817	1.458	816.700	47550.000	49040.000	0.302	1.843	2.458
x		-0.923	1.375	809.200	47760.000	48490.000	0.306	1.989	2.311
σ		0.093	0.145	6.791	438.200	549.700	0.039	0.182	0.218
%RSD		10.030	10.540	0.839	0.918	1.134	12.620	9.166	9.433

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	1.641	5.946	5.817	13.100	-0.744	0.284	0.000	520.600
2	20:44:24	1.957	5.749	6.292	15.250	-0.822	-0.040	0.000	522.900
3	20:45:06	1.429	6.420	6.883	14.050	-1.902	-0.826	0.000	524.900
x		1.675	6.038	6.331	14.130	-1.156	-0.194	0.000	522.800
σ		0.266	0.345	0.534	1.082	0.648	0.571	0.000	2.155
%RSD		15.860	5.709	8.437	7.653	56.030	294.300	0.000	0.412

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	72.578%	0.448	0.255	70.159%	0.015	0.010	-0.054	-0.233
2	20:44:24	74.624%	0.223	0.267	72.059%	0.009	0.015	0.006	-0.080
3	20:45:06	75.682%	0.243	0.214	73.204%	0.004	-0.001	-0.182	-0.095
x		74.295%	0.305	0.245	71.807%	0.009	0.008	-0.077	-0.136
σ		1.578%	0.124	0.028	1.538%	0.006	0.009	0.096	0.084
%RSD		2.124	40.840	11.300	2.142	60.120	107.300	125.400	62.090

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	74.473%	7.431	0.495	0.495	114.900	113.800	81.494%	82.627%
2	20:44:24	76.886%	6.343	0.446	0.548	116.500	115.100	84.297%	85.701%
3	20:45:06	78.562%	5.286	0.522	0.405	115.400	114.000	86.088%	87.574%
x		76.640%	6.354	0.488	0.483	115.600	114.300	83.960%	85.301%
σ		2.055%	1.073	0.038	0.072	0.834	0.720	2.315%	2.498%
%RSD		2.682	16.880	7.846	14.910	0.722	0.630	2.758	2.928

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:42	0.092	0.070	0.215	0.143	0.216	78.119%
2	20:44:24	0.060	0.067	0.233	0.240	0.217	81.958%
3	20:45:06	0.036	0.071	0.233	0.181	0.213	85.608%
x		0.063	0.070	0.227	0.188	0.215	81.895%
σ		0.028	0.002	0.011	0.049	0.002	3.745%
%RSD		44.720	2.722	4.712	26.170	0.915	4.573

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	95.979%	-0.031	42.710	44.920	0.000	22050.000	24140.000	24170.000
2	20:48:43	97.658%	-0.031	40.950	41.840	0.000	21910.000	23940.000	24100.000
3	20:49:25	97.958%	0.001	44.090	45.460	0.000	21810.000	24170.000	24110.000
x		97.198%	-0.020	42.590	44.070	0.000	21920.000	24080.000	24130.000
σ		1.067%	0.018	1.574	1.950	0.000	121.500	122.100	38.390
%RSD		1.097	91.600	3.695	4.424	0.000	0.554	0.507	0.159

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	66.960	6896.000	0.000	1449.000	41200.000	40460.000	73.431%	4.363
2	20:48:43	68.390	6839.000	0.000	1448.000	40770.000	40610.000	74.114%	4.109
3	20:49:25	67.160	6839.000	0.000	1449.000	41060.000	40930.000	74.055%	3.551
x		67.500	6858.000	0.000	1449.000	41010.000	40670.000	73.867%	4.008
σ		0.774	33.260	0.000	0.696	215.600	238.000	0.378%	0.416
%RSD		1.147	0.485	0.000	0.048	0.526	0.585	0.512	10.370

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	-3.436	0.382	1210.000	41420.000	42220.000	0.784	1.590	2.114
2	20:48:43	-2.920	0.466	1214.000	40830.000	42360.000	0.812	1.521	2.099
3	20:49:25	-3.429	0.513	1219.000	40750.000	42330.000	0.788	1.058	2.409
x		-3.262	0.454	1214.000	41000.000	42310.000	0.795	1.390	2.207
σ		0.296	0.066	4.060	363.400	73.320	0.015	0.290	0.175
%RSD		9.069	14.650	0.334	0.886	0.173	1.908	20.840	7.935

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	2.315	9.040	8.949	8.919	-0.459	0.403	0.000	344.500
2	20:48:43	2.000	9.802	8.066	11.270	-1.557	-1.237	0.000	342.400
3	20:49:25	2.126	8.339	8.492	11.730	-1.068	0.557	0.000	341.900
x		2.147	9.060	8.502	10.640	-1.028	-0.092	0.000	342.900
σ		0.159	0.732	0.442	1.507	0.550	0.994	0.000	1.417
%RSD		7.388	8.078	5.192	14.160	53.530	1078.000	0.000	0.413

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	75.473%	0.619	0.688	75.876%	-0.006	-0.002	-0.066	-0.094
2	20:48:43	77.295%	0.490	0.527	76.836%	-0.002	0.009	-0.087	-0.147
3	20:49:25	78.139%	0.717	0.647	77.347%	-0.002	-0.002	-0.094	-0.178
x		76.969%	0.609	0.621	76.686%	-0.003	0.002	-0.082	-0.140
σ		1.362%	0.114	0.084	0.747%	0.003	0.006	0.014	0.043
%RSD		1.770	18.730	13.500	0.974	88.020	334.800	17.200	30.560

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	79.855%	4.131	0.104	0.096	36.410	34.930	86.455%	88.437%
2	20:48:43	81.584%	3.780	0.049	0.132	35.050	36.220	89.150%	89.284%
3	20:49:25	82.065%	3.997	0.136	0.131	36.360	36.400	89.301%	91.456%
x		81.168%	3.970	0.096	0.120	35.940	35.850	88.302%	89.726%
σ		1.162%	0.177	0.044	0.021	0.771	0.804	1.602%	1.557%
%RSD		1.432	4.462	45.400	17.480	2.145	2.242	1.814	1.735

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:48:01	0.033	0.036	0.270	0.239	0.267	86.243%
2	20:48:43	0.051	0.051	0.243	0.292	0.268	89.470%
3	20:49:25	0.030	0.042	0.248	0.248	0.274	91.262%
x		0.038	0.043	0.254	0.260	0.270	88.992%
σ		0.011	0.008	0.015	0.028	0.004	2.543%
%RSD		29.380	17.650	5.740	10.890	1.498	2.858

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	105.996%	-0.031	234.000	226.000	0.000	105700.000	62790.000	63380.000
2	20:53:00	109.362%	-0.031	243.300	225.900	0.000	105300.000	62530.000	63170.000
3	20:53:42	111.898%	-0.003	237.900	227.700	0.000	104900.000	62670.000	63120.000
x		109.085%	-0.021	238.400	226.500	0.000	105300.000	62660.000	63220.000
σ		2.961%	0.016	4.641	0.998	0.000	404.000	129.200	137.200
%RSD		2.714	75.320	1.947	0.441	0.000	0.384	0.206	0.217

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	-13.900	6479.000	0.000	11450.000	105000.000	106600.000	80.327%	1.205
2	20:53:00	-0.080	6509.000	0.000	11370.000	105800.000	107000.000	82.996%	0.601
3	20:53:42	-0.314	6522.000	0.000	11430.000	107800.000	107900.000	83.928%	0.903
x		-4.764	6503.000	0.000	11420.000	106200.000	107200.000	82.417%	0.903
σ		7.912	22.430	0.000	45.620	1427.000	675.200	1.869%	0.302
%RSD		166.100	0.345	0.000	0.400	1.344	0.630	2.268	33.460

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	-7.395	1.779	707.300	48.100	176.400	6.589	6.971	4.398
2	20:53:00	-9.264	1.857	709.600	34.510	173.300	6.805	7.284	4.067
3	20:53:42	-8.768	2.163	718.300	32.710	159.800	6.596	8.424	3.958
x		-8.476	1.933	711.800	38.440	169.800	6.663	7.559	4.141
σ		0.968	0.203	5.810	8.415	8.829	0.123	0.765	0.229
%RSD		11.420	10.520	0.816	21.890	5.200	1.845	10.120	5.535

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	3.250	8.522	9.876	-2.267	-0.599	0.417	0.000	697.200
2	20:53:00	3.731	9.074	9.893	0.919	-0.693	-1.185	0.000	706.400
3	20:53:42	4.119	9.951	9.886	-1.120	-0.848	-1.372	0.000	707.800
x		3.700	9.183	9.885	-0.823	-0.714	-0.713	0.000	703.800
σ		0.435	0.721	0.009	1.614	0.126	0.983	0.000	5.722
%RSD		11.760	7.850	0.086	196.200	17.620	137.800	0.000	0.813

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	80.869%	0.963	0.929	78.094%	0.013	-0.002	0.053	-0.004
2	20:53:00	82.923%	0.822	0.812	80.671%	0.026	0.008	0.009	0.082
3	20:53:42	83.866%	0.861	0.624	81.598%	0.003	-0.002	0.239	0.138
x		82.552%	0.882	0.789	80.121%	0.014	0.001	0.100	0.072
σ		1.533%	0.073	0.154	1.816%	0.012	0.006	0.122	0.071
%RSD		1.856	8.229	19.500	2.266	84.440	402.600	121.800	99.320

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	81.779%	4.805	0.049	0.053	169.500	169.200	88.588%	89.857%
2	20:53:00	84.951%	4.758	0.071	0.043	170.800	167.400	92.082%	94.313%
3	20:53:42	87.166%	4.717	0.055	0.035	162.700	167.600	93.823%	95.076%
x		84.632%	4.760	0.058	0.044	167.700	168.100	91.498%	93.082%
σ		2.707%	0.044	0.012	0.009	4.381	0.973	2.666%	2.819%
%RSD		3.199	0.922	19.700	20.050	2.612	0.579	2.914	3.029

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:52:18	0.117	0.082	0.035	0.045	0.058	84.047%
2	20:53:00	0.103	0.077	0.061	0.082	0.065	87.209%
3	20:53:42	0.094	0.090	0.031	0.060	0.052	89.554%
x		0.105	0.083	0.042	0.062	0.059	86.937%
σ		0.011	0.007	0.016	0.019	0.006	2.764%
%RSD		10.720	8.171	37.710	30.040	10.640	3.179

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	95.076%	-0.031	214.000	203.000	0.000	100200.000	53070.000	58980.000
2	20:57:18	96.151%	-0.031	212.800	207.100	0.000	99160.000	53110.000	53470.000
3	20:57:59	97.366%	0.065	208.900	200.400	0.000	98890.000	53060.000	53480.000
x		96.198%	0.001	211.900	203.500	0.000	99410.000	53080.000	55310.000
σ		1.146%	0.055	2.685	3.370	0.000	679.900	24.920	3181.000
%RSD		1.191	4165.000	1.267	1.656	0.000	0.684	0.047	5.752

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	-2.144	6564.000	0.000	7954.000	96840.000	97810.000	73.694%	3.785
2	20:57:18	-2.295	6568.000	0.000	7113.000	98090.000	99020.000	74.167%	1.800
3	20:57:59	-2.321	6531.000	0.000	7121.000	98930.000	99440.000	74.085%	1.591
x		-2.254	6554.000	0.000	7396.000	97950.000	98760.000	73.982%	2.392
σ		0.096	20.220	0.000	483.100	1055.000	849.700	0.253%	1.211
%RSD		4.243	0.309	0.000	6.532	1.077	0.860	0.341	50.620

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	-3.854	0.637	2891.000	20810.000	21570.000	0.382	3.417	2.270
2	20:57:18	-3.859	0.661	2906.000	20560.000	21680.000	0.298	3.330	2.695
3	20:57:59	-5.343	0.465	2910.000	20550.000	21730.000	0.411	3.521	2.344
x		-4.352	0.587	2902.000	20640.000	21660.000	0.364	3.423	2.437
σ		0.858	0.107	9.994	147.800	80.810	0.058	0.096	0.227
%RSD		19.720	18.220	0.344	0.716	0.373	16.060	2.800	9.321

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	2.082	6.510	8.247	5.432	-0.975	0.819	0.000	638.000
2	20:57:18	2.295	6.242	7.938	2.214	-1.045	-0.871	0.000	637.400
3	20:57:59	2.196	6.270	7.024	3.074	-1.573	-0.096	0.000	635.500
x		2.191	6.341	7.736	3.573	-1.198	-0.049	0.000	637.000
σ		0.107	0.147	0.636	1.666	0.327	0.846	0.000	1.292
%RSD		4.876	2.322	8.219	46.630	27.290	1712.000	0.000	0.203

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	75.171%	-0.145	0.001	73.632%	0.014	-0.002	0.018	-0.035
2	20:57:18	77.325%	0.005	-0.110	75.301%	0.003	-0.002	0.012	-0.004
3	20:57:59	77.987%	0.017	-0.043	75.697%	0.013	-0.002	-0.083	-0.133
x		76.828%	-0.041	-0.051	74.876%	0.010	-0.002	-0.018	-0.058
σ		1.472%	0.090	0.056	1.096%	0.006	0.000	0.056	0.068
%RSD		1.916	220.300	109.800	1.463	57.030	4.423	319.500	117.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	80.269%	3.659	0.119	0.055	296.000	299.000	86.701%	88.243%
2	20:57:18	81.217%	3.886	0.107	0.127	304.200	301.600	88.095%	90.136%
3	20:57:59	82.345%	3.600	0.074	0.078	300.900	297.100	90.542%	91.644%
x		81.277%	3.715	0.100	0.086	300.400	299.300	88.446%	90.008%
σ		1.039%	0.151	0.023	0.037	4.123	2.261	1.944%	1.704%
%RSD		1.278	4.075	23.100	42.380	1.373	0.755	2.198	1.893

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:36	0.026	0.031	4.491	4.151	4.397	83.492%
2	20:57:18	0.013	0.028	4.603	4.483	4.491	86.895%
3	20:57:59	0.009	0.016	4.481	4.440	4.542	87.800%
x		0.016	0.025	4.525	4.358	4.477	86.062%
σ		0.009	0.008	0.068	0.181	0.074	2.271%
%RSD		54.800	32.330	1.500	4.150	1.651	2.639

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:52	94.723%	0.002	187.900	162.600	0.000	90600.000	71050.000	71690.000
2	21:01:34	96.603%	0.034	176.100	167.800	0.000	89450.000	70120.000	70770.000
3	21:02:15	96.410%	0.002	177.600	167.800	0.000	89660.000	70270.000	70980.000
x		95.912%	0.012	180.500	166.000	0.000	89910.000	70480.000	71150.000
σ		1.034%	0.018	6.418	2.997	0.000	612.900	497.200	483.500
%RSD		1.079	148.000	3.555	1.805	0.000	0.682	0.706	0.679
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:52	250.400	9808.000	0.000	12680.000	118400.000	119500.000	74.963%	11.680
2	21:01:34	255.600	9798.000	0.000	12510.000	119000.000	119300.000	76.219%	11.080
3	21:02:15	254.200	9865.000	0.000	12560.000	118500.000	120200.000	76.503%	12.120
x		253.400	9824.000	0.000	12580.000	118600.000	119600.000	75.895%	11.630
σ		2.691	36.090	0.000	88.140	345.900	503.300	0.820%	0.526
%RSD		1.062	0.367	0.000	0.700	0.292	0.421	1.080	4.523
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:52	-3.035	1.786	627.800	29340.000	30220.000	0.900	4.376	6.082
2	21:01:34	-2.377	1.988	630.100	29020.000	30240.000	0.837	5.085	5.897
3	21:02:15	-3.429	2.058	633.700	29060.000	30390.000	0.938	4.811	5.969
x		-2.947	1.944	630.500	29140.000	30280.000	0.892	4.757	5.983
σ		0.532	0.141	2.961	176.300	93.650	0.051	0.358	0.093
%RSD		18.040	7.266	0.470	0.605	0.309	5.715	7.516	1.558
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:52	5.717	32.420	34.950	7.245	-0.515	-0.228	0.000	775.100
2	21:01:34	6.380	33.880	33.260	5.162	-1.462	-2.949	0.000	781.800
3	21:02:15	6.556	33.030	35.730	6.727	-2.472	-0.904	0.000	787.900
x		6.218	33.110	34.650	6.378	-1.483	-1.360	0.000	781.600
σ		0.442	0.736	1.260	1.084	0.979	1.417	0.000	6.430
%RSD		7.112	2.224	3.638	17.000	65.990	104.200	0.000	0.823
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:52	76.519%	0.548	0.599	74.557%	0.009	0.036	0.089	0.068
2	21:01:34	77.866%	0.684	0.957	76.247%	0.013	0.014	0.193	0.179
3	21:02:15	77.585%	0.672	0.838	76.283%	0.023	0.019	0.224	0.215
x		77.323%	0.634	0.798	75.696%	0.015	0.023	0.169	0.154
σ		0.710%	0.075	0.182	0.986%	0.007	0.012	0.070	0.077
%RSD		0.919	11.890	22.850	1.303	48.940	49.920	41.810	49.860
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:52	78.968%	3.913	0.248	0.212	236.600	239.000	87.123%	88.199%
2	21:01:34	81.464%	4.755	0.230	0.198	236.200	241.500	89.317%	90.671%
3	21:02:15	81.692%	4.450	0.213	0.244	239.900	242.900	89.805%	90.492%
x		80.708%	4.373	0.230	0.218	237.600	241.100	88.748%	89.787%
σ		1.511%	0.426	0.017	0.023	2.030	1.991	1.429%	1.379%
%RSD		1.872	9.746	7.506	10.650	0.855	0.826	1.610	1.535
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:00:52	0.023	0.030	4.413	4.614	4.451	82.937%		
2	21:01:34	0.042	0.027	4.609	4.535	4.528	85.763%		
3	21:02:15	0.018	0.030	4.339	4.460	4.362	87.202%		
x		0.028	0.029	4.454	4.536	4.447	85.301%		
σ		0.013	0.002	0.139	0.077	0.083	2.170%		
%RSD		45.250	5.562	3.130	1.707	1.868	2.544		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	103.597%	-0.001	142.100	135.900	0.000	124400.000	53580.000	59220.000
2	21:05:48	109.055%	0.027	147.100	138.300	0.000	123300.000	58800.000	59170.000
3	21:06:30	110.700%	-0.002	149.900	138.100	0.000	123100.000	53900.000	59010.000
x		107.784%	0.008	146.400	137.400	0.000	123600.000	55430.000	59140.000
σ		3.718%	0.016	3.944	1.347	0.000	717.500	2925.000	108.500
%RSD		3.450	208.700	2.695	0.980	0.000	0.581	5.277	0.184

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	181.400	7096.000	0.000	12150.000	122900.000	124600.000	81.099%	8.108
2	21:05:48	180.100	7152.000	0.000	12190.000	127200.000	127300.000	82.244%	9.122
3	21:06:30	180.300	7106.000	0.000	12170.000	124000.000	127000.000	83.063%	7.158
x		180.600	7118.000	0.000	12170.000	124700.000	126300.000	82.135%	8.129
σ		0.734	30.010	0.000	18.430	2259.000	1499.000	0.986%	0.982
%RSD		0.406	0.422	0.000	0.151	1.811	1.187	1.201	12.080

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	-6.111	3.192	102.900	509.300	772.600	1.014	3.979	2.319
2	21:05:48	-7.339	3.281	105.700	502.300	776.000	0.950	3.550	2.564
3	21:06:30	-7.875	3.482	105.000	502.500	767.400	1.070	3.596	2.736
x		-7.108	3.318	104.500	504.700	772.000	1.012	3.708	2.540
σ		0.904	0.149	1.462	4.016	4.346	0.060	0.236	0.210
%RSD		12.720	4.478	1.399	0.796	0.563	5.935	6.351	8.248

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	2.113	6.009	7.014	-0.590	-0.509	-1.325	0.000	663.300
2	21:05:48	2.393	5.632	5.648	0.309	-0.843	0.373	0.000	663.700
3	21:06:30	2.348	5.234	6.500	1.303	-1.218	0.320	0.000	667.500
x		2.285	5.625	6.387	0.341	-0.857	-0.210	0.000	664.800
σ		0.150	0.388	0.690	0.947	0.355	0.965	0.000	2.340
%RSD		6.568	6.890	10.800	278.100	41.410	458.800	0.000	0.352

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	81.544%	0.178	0.229	78.217%	0.003	0.003	0.017	-0.015
2	21:05:48	84.242%	0.099	0.319	80.268%	0.008	0.013	0.068	0.052
3	21:06:30	84.913%	0.069	0.177	81.213%	-0.006	0.018	0.129	0.040
x		83.566%	0.115	0.242	79.899%	0.001	0.011	0.071	0.026
σ		1.783%	0.057	0.072	1.532%	0.007	0.007	0.056	0.036
%RSD		2.134	49.040	29.670	1.917	509.300	64.970	78.700	139.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	83.184%	3.233	0.048	0.077	117.800	116.900	90.770%	91.401%
2	21:05:48	87.217%	2.988	0.069	0.035	120.400	119.200	92.782%	94.512%
3	21:06:30	86.021%	2.776	0.080	0.049	121.400	119.900	92.831%	95.745%
x		85.474%	2.999	0.066	0.054	119.900	118.700	92.127%	93.886%
σ		2.071%	0.229	0.016	0.021	1.871	1.562	1.176%	2.238%
%RSD		2.423	7.620	24.730	39.670	1.560	1.316	1.277	2.384

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:06	0.025	0.038	0.332	0.369	0.333	84.796%
2	21:05:48	0.020	0.034	0.345	0.334	0.364	88.282%
3	21:06:30	0.011	0.029	0.347	0.311	0.327	90.458%
x		0.019	0.034	0.341	0.338	0.342	87.845%
σ		0.007	0.005	0.008	0.030	0.020	2.856%
%RSD		37.420	13.500	2.419	8.742	5.807	3.252

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	82.199%	-0.031	1.538	2.184	0.000	-76.680	-1.168	-0.610
2	21:13:40	82.252%	-0.031	2.613	1.889	0.000	-64.750	4.203	5.093
3	21:14:22	83.491%	-0.031	1.904	1.831	0.000	-58.880	8.093	8.372
x		82.647%	-0.031	2.018	1.968	0.000	-66.770	3.709	4.285
σ		0.731%	0.000	0.547	0.190	0.000	9.067	4.650	4.545
%RSD		0.885	0.000	27.090	9.630	0.000	13.580	125.400	106.100

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	-4.943	4.804	0.000	-13.540	2.945	-2.034	75.887%	-0.087
2	21:13:40	-4.691	3.328	0.000	-10.980	14.670	15.640	76.267%	-0.019
3	21:14:22	-3.661	4.639	0.000	-8.626	38.580	19.500	75.442%	-0.019
x		-4.432	4.257	0.000	-11.050	18.730	11.030	75.865%	-0.042
σ		0.679	0.809	0.000	2.459	18.160	11.480	0.413%	0.040
%RSD		15.320	19.000	0.000	22.250	96.950	104.000	0.545	94.740

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	0.107	-0.039	-0.012	3.327	3.280	-0.015	0.017	0.573
2	21:13:40	0.047	0.060	0.010	3.903	3.664	-0.033	0.039	0.491
3	21:14:22	-0.137	-0.038	0.059	4.405	6.202	-0.003	-0.006	0.636
x		0.006	-0.006	0.019	3.878	4.382	-0.017	0.016	0.566
σ		0.127	0.057	0.036	0.539	1.587	0.015	0.023	0.073
%RSD		2256.000	1011.000	189.400	13.910	36.230	89.270	137.400	12.840

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	0.940	0.627	0.301	-1.076	-1.542	-2.750	0.000	-0.024
2	21:13:40	0.436	0.395	0.405	-0.673	-1.302	-2.006	0.000	0.104
3	21:14:22	0.550	0.597	0.225	0.006	-1.951	0.085	0.000	0.206
x		0.642	0.539	0.310	-0.581	-1.598	-1.557	0.000	0.095
σ		0.264	0.126	0.090	0.547	0.328	1.469	0.000	0.115
%RSD		41.190	23.440	29.060	94.160	20.540	94.370	0.000	121.000

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	76.104%	-0.234	-0.207	77.748%	-0.006	-0.007	0.059	0.019
2	21:13:40	76.589%	-0.235	-0.250	78.385%	0.003	-0.007	0.012	-0.041
3	21:14:22	77.292%	-0.208	-0.192	78.929%	0.008	0.003	0.061	-0.076
x		76.661%	-0.225	-0.216	78.354%	0.002	-0.003	0.044	-0.033
σ		0.598%	0.015	0.030	0.591%	0.007	0.006	0.028	0.048
%RSD		0.779	6.804	13.990	0.754	452.800	173.600	62.370	146.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	78.866%	1.797	-0.006	-0.026	-0.090	-0.049	81.007%	81.417%
2	21:13:40	79.300%	1.272	0.004	-0.012	-0.090	0.032	81.355%	83.198%
3	21:14:22	80.004%	1.259	-0.007	-0.026	-0.036	0.079	82.567%	83.488%
x		79.390%	1.443	-0.003	-0.021	-0.072	0.021	81.643%	82.701%
σ		0.574%	0.307	0.006	0.008	0.031	0.065	0.819%	1.121%
%RSD		0.723	21.290	202.700	37.270	43.570	313.700	1.003	1.356

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:58	0.006	0.014	-0.011	0.009	0.002	81.192%
2	21:13:40	0.005	0.018	-0.012	-0.017	-0.009	82.703%
3	21:14:22	0.005	0.010	-0.001	-0.000	0.003	83.424%
x		0.005	0.014	-0.008	-0.003	-0.001	82.440%
σ		0.000	0.004	0.006	0.013	0.006	1.139%
%RSD		6.889	27.460	77.970	475.900	550.200	1.382

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	80.823%	50.100	928.300	909.800	0.000	45800.000	40220.000	40270.000
2	21:17:55	82.144%	47.930	920.600	912.500	0.000	45410.000	40370.000	40730.000
3	21:18:37	83.637%	49.490	943.100	918.600	0.000	45330.000	40610.000	41010.000
x		82.201%	49.170	930.700	913.600	0.000	45510.000	40400.000	40670.000
σ		1.408%	1.117	11.400	4.520	0.000	252.800	200.100	372.200
%RSD		1.713	2.271	1.225	0.495	0.000	0.555	0.495	0.915

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	1789.000	9236.000	0.000	46880.000	47390.000	46400.000	75.729%	961.000
2	21:17:55	1816.000	9298.000	0.000	46570.000	48090.000	46930.000	77.391%	956.600
3	21:18:37	1821.000	9414.000	0.000	46380.000	47820.000	47600.000	78.141%	960.100
x		1809.000	9316.000	0.000	46610.000	47760.000	46970.000	77.087%	959.200
σ		16.950	90.110	0.000	250.200	355.300	600.700	1.235%	2.307
%RSD		0.937	0.967	0.000	0.537	0.744	1.279	1.602	0.241

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	486.000	192.400	475.200	802.600	1066.000	482.000	489.400	242.100
2	21:17:55	484.500	192.200	478.700	807.500	1066.000	487.400	489.300	245.100
3	21:18:37	492.600	196.700	484.900	817.000	1047.000	488.100	501.500	247.000
x		487.700	193.800	479.600	809.000	1060.000	485.900	493.400	244.700
σ		4.356	2.525	4.918	7.324	11.180	3.314	6.991	2.463
%RSD		0.893	1.303	1.025	0.905	1.055	0.682	1.417	1.006

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	243.700	471.900	480.800	37.520	10.810	8.496	0.000	948.100
2	21:17:55	243.900	480.300	486.800	37.060	8.640	6.816	0.000	943.300
3	21:18:37	245.700	483.800	491.500	35.880	9.831	8.670	0.000	956.800
x		244.400	478.700	486.300	36.820	9.761	7.994	0.000	949.400
σ		1.090	6.102	5.330	0.845	1.087	1.024	0.000	6.833
%RSD		0.446	1.275	1.096	2.294	11.140	12.810	0.000	0.720

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	76.273%	980.900	983.500	75.441%	47.900	48.020	46.540	39.280
2	21:17:55	79.695%	987.300	996.900	78.209%	48.890	48.530	49.170	41.500
3	21:18:37	79.805%	997.300	996.400	79.560%	49.230	47.830	47.390	40.400
x		78.591%	988.500	992.300	77.737%	48.670	48.130	47.700	40.390
σ		2.008%	8.254	7.568	2.100%	0.691	0.358	1.343	1.109
%RSD		2.555	0.835	0.763	2.701	1.419	0.744	2.816	2.745

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	78.704%	1947.000	467.200	467.100	1894.000	1910.000	83.993%	85.002%
2	21:17:55	80.603%	1981.000	483.900	481.100	1903.000	1916.000	87.780%	88.628%
3	21:18:37	82.763%	1964.000	479.200	479.800	1888.000	1908.000	88.849%	89.873%
x		80.690%	1964.000	476.800	476.000	1895.000	1911.000	86.874%	87.834%
σ		2.031%	17.440	8.629	7.715	7.630	4.360	2.552%	2.530%
%RSD		2.517	0.888	1.810	1.621	0.403	0.228	2.937	2.881

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:14	48.860	48.110	19.410	19.670	19.480	84.727%
2	21:17:55	49.540	48.860	19.950	19.960	19.920	87.322%
3	21:18:37	49.720	49.480	19.940	19.850	20.120	88.409%
x		49.370	48.810	19.770	19.830	19.840	86.819%
σ		0.453	0.688	0.309	0.144	0.324	1.892%
%RSD		0.918	1.409	1.562	0.724	1.631	2.179

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	83.091%	0.006	123.000	131.600	0.000	80720.000	42800.000	48620.000
2	21:22:11	85.017%	0.005	133.700	128.700	0.000	79770.000	42590.000	42880.000
3	21:22:53	84.361%	-0.031	130.500	131.400	0.000	80220.000	42680.000	43140.000
x		84.156%	-0.006	129.100	130.600	0.000	80240.000	42690.000	44880.000
σ		0.979%	0.021	5.512	1.661	0.000	476.800	105.800	3244.000
%RSD		1.164	328.100	4.270	1.272	0.000	0.594	0.248	7.227

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	25.790	4565.000	0.000	4926.000	66430.000	64970.000	78.262%	2.499
2	21:22:11	23.180	4552.000	0.000	4963.000	66570.000	65060.000	78.660%	1.496
3	21:22:53	24.110	4567.000	0.000	4954.000	65040.000	65050.000	78.931%	1.161
x		24.360	4561.000	0.000	4947.000	66010.000	65030.000	78.617%	1.718
σ		1.323	8.079	0.000	19.290	845.200	47.480	0.336%	0.696
%RSD		5.430	0.177	0.000	0.390	1.280	0.073	0.428	40.520

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	-0.025	1.798	336.600	52.500	160.700	0.471	1.594	1.377
2	21:22:11	0.093	1.686	334.800	52.120	152.200	0.434	2.380	1.047
3	21:22:53	-0.096	1.743	338.100	51.400	154.100	0.427	1.987	1.214
x		-0.009	1.742	336.500	52.010	155.700	0.444	1.987	1.213
σ		0.096	0.056	1.633	0.556	4.459	0.024	0.393	0.165
%RSD		1035.000	3.232	0.485	1.070	2.864	5.310	19.780	13.610

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	0.852	5.823	5.496	1.131	3.679	6.109	0.000	373.400
2	21:22:11	0.995	5.648	5.522	-0.193	3.351	3.766	0.000	376.700
3	21:22:53	1.092	5.263	6.340	-0.130	4.845	5.265	0.000	377.100
x		0.980	5.578	5.786	0.270	3.958	5.046	0.000	375.700
σ		0.121	0.287	0.480	0.747	0.785	1.187	0.000	2.043
%RSD		12.340	5.135	8.296	277.000	19.840	23.520	0.000	0.544

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	79.475%	6.188	6.266	77.726%	0.003	0.009	-0.020	-0.076
2	21:22:11	80.486%	2.817	3.098	78.870%	0.003	0.024	0.051	-0.058
3	21:22:53	81.571%	2.095	1.973	79.216%	0.018	0.003	-0.068	-0.060
x		80.510%	3.700	3.779	78.604%	0.008	0.012	-0.012	-0.065
σ		1.048%	2.185	2.226	0.780%	0.008	0.011	0.060	0.010
%RSD		1.302	59.050	58.900	0.992	103.000	89.190	486.800	15.760

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	80.623%	11.590	8.089	8.074	162.000	162.000	85.302%	86.833%
2	21:22:11	81.862%	6.962	5.247	5.191	163.200	161.700	87.610%	89.108%
3	21:22:53	82.485%	5.285	3.224	3.175	163.800	164.000	88.301%	89.762%
x		81.657%	7.945	5.520	5.480	163.000	162.600	87.071%	88.568%
σ		0.948%	3.265	2.444	2.463	0.939	1.226	1.571%	1.537%
%RSD		1.160	41.090	44.270	44.930	0.576	0.754	1.804	1.736

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:29	0.045	0.037	0.090	0.051	0.083	86.395%
2	21:22:11	0.052	0.037	0.033	0.081	0.065	87.700%
3	21:22:53	0.046	0.030	0.057	0.050	0.065	87.652%
x		0.048	0.035	0.060	0.061	0.071	87.249%
σ		0.004	0.004	0.029	0.018	0.010	0.740%
%RSD		8.164	12.430	48.090	29.490	14.790	0.848

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	80.964%	0.045	83.620	83.770	0.000	106400.000	15290.000	15310.000
2	21:26:27	82.249%	0.006	86.600	81.470	0.000	105500.000	15260.000	15270.000
3	21:27:08	82.717%	0.043	82.660	87.050	0.000	106200.000	15410.000	15530.000
x		81.977%	0.031	84.290	84.100	0.000	106000.000	15320.000	15370.000
σ		0.907%	0.022	2.059	2.805	0.000	455.100	78.480	137.400
%RSD		1.107	68.890	2.442	3.335	0.000	0.429	0.512	0.894

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	118.100	7063.000	0.000	1676.000	26940.000	26630.000	76.041%	4.346
2	21:26:27	115.500	7039.000	0.000	1664.000	26990.000	26370.000	78.341%	4.349
3	21:27:08	115.200	7086.000	0.000	1685.000	27880.000	26750.000	78.589%	4.333
x		116.300	7063.000	0.000	1675.000	27270.000	26580.000	77.657%	4.343
σ		1.605	23.900	0.000	10.900	530.000	193.300	1.405%	0.008
%RSD		1.380	0.338	0.000	0.651	1.944	0.727	1.809	0.195

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	0.279	0.138	179.700	11030.000	10890.000	0.308	0.734	1.569
2	21:26:27	0.276	0.152	178.600	10830.000	10860.000	0.323	0.334	1.642
3	21:27:08	0.086	0.097	181.400	10890.000	10920.000	0.313	0.431	1.386
x		0.214	0.129	179.900	10920.000	10890.000	0.315	0.500	1.532
σ		0.110	0.029	1.388	102.900	30.020	0.008	0.209	0.132
%RSD		51.720	22.420	0.772	0.942	0.276	2.487	41.730	8.589

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	1.594	4.591	4.712	1.081	-0.972	-1.852	0.000	179.100
2	21:26:27	1.216	4.259	4.561	1.562	-1.421	-0.357	0.000	180.000
3	21:27:08	1.637	5.135	5.035	1.231	-1.693	-0.267	0.000	182.000
x		1.482	4.662	4.769	1.291	-1.362	-0.825	0.000	180.300
σ		0.232	0.442	0.242	0.246	0.364	0.890	0.000	1.467
%RSD		15.640	9.480	5.077	19.070	26.740	107.900	0.000	0.813

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	78.439%	0.830	0.720	76.651%	0.033	0.014	-0.034	-0.078
2	21:26:27	80.434%	0.774	0.544	78.685%	0.018	0.024	0.077	-0.070
3	21:27:08	81.505%	0.466	0.802	79.854%	0.013	0.013	-0.011	-0.084
x		80.126%	0.690	0.689	78.397%	0.021	0.017	0.011	-0.078
σ		1.556%	0.196	0.132	1.621%	0.011	0.006	0.059	0.007
%RSD		1.942	28.360	19.100	2.068	50.930	34.100	538.800	9.310

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	79.835%	3.319	1.334	1.222	52.920	56.100	84.111%	85.787%
2	21:26:27	82.421%	2.646	1.019	1.036	53.590	52.400	87.789%	89.555%
3	21:27:08	83.336%	2.358	0.820	0.790	54.830	56.510	89.156%	90.354%
x		81.864%	2.774	1.057	1.016	53.780	55.000	87.018%	88.565%
σ		1.816%	0.493	0.259	0.217	0.968	2.265	2.609%	2.439%
%RSD		2.218	17.780	24.490	21.310	1.799	4.119	2.998	2.754

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:25:45	0.010	0.023	0.362	0.415	0.411	85.627%
2	21:26:27	0.029	0.022	0.353	0.441	0.419	88.366%
3	21:27:08	0.004	0.020	0.412	0.433	0.409	88.287%
x		0.014	0.022	0.376	0.429	0.413	87.427%
σ		0.013	0.001	0.032	0.013	0.005	1.559%
%RSD		92.130	6.373	8.431	3.017	1.293	1.783

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	83.111%	99.620	96.840	94.830	0.000	47150.000	41280.000	41460.000
2	21:33:37	82.933%	98.890	95.100	96.040	0.000	47170.000	41690.000	42120.000
3	21:34:19	83.854%	100.600	95.400	95.130	0.000	47160.000	42260.000	42220.000
x		83.299%	99.706%	95.782%	95.334%	0.000	94.318%	83.480%	83.867%
σ		0.489%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.586	0.858	0.973	0.659	0.000	0.021	1.179	0.975

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	464.800	4846.000	0.000	48120.000	48130.000	47260.000	80.370%	98.860
2	21:33:37	466.400	4886.000	0.000	47850.000	48710.000	47620.000	81.999%	103.500
3	21:34:19	468.000	4871.000	0.000	47760.000	48040.000	47900.000	82.559%	99.010
x		93.282%	97.355%	0.000	95.823%	96.585%	95.188%	81.643%	100.448%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.137%	n/a
%RSD		0.352	0.423	0.000	0.391	0.747	0.673	1.392	2.611

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	96.540	98.150	478.000	24490.000	24100.000	98.130	103.100	101.500
2	21:33:37	98.080	97.770	482.000	24090.000	24230.000	98.180	100.100	98.960
3	21:34:19	99.370	98.370	486.300	24040.000	24320.000	99.740	99.940	101.800
x		97.996%	98.097%	96.417%	96.819%	96.866%	98.685%	101.054%	100.742%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.445	0.313	0.854	1.041	0.463	0.927	1.756	1.537

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	102.700	102.600	100.200	101.100	91.590	101.000	0.000	97.470
2	21:33:37	101.200	99.400	99.930	95.970	99.030	97.800	0.000	96.430
3	21:34:19	99.560	101.000	100.900	97.580	94.790	95.220	0.000	96.240
x		101.153%	101.027%	100.350%	98.216%	95.136%	98.014%	0.000	96.711%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.530	1.601	0.527	2.670	3.926	2.961	0.000	0.686

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	80.392%	96.880	98.160	79.515%	96.570	97.060	92.430	95.720
2	21:33:37	83.268%	99.350	100.500	82.174%	97.780	99.500	98.570	98.090
3	21:34:19	84.799%	102.200	102.100	83.618%	98.030	98.790	97.280	96.440
x		82.819%	99.467%	100.256%	81.769%	97.457%	98.448%	96.093%	96.751%
σ		2.238%	n/a	n/a	2.082%	n/a	n/a	n/a	n/a
%RSD		2.702	2.660	1.997	2.546	0.803	1.279	3.373	1.256

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	82.043%	97.800	96.830	97.400	98.950	97.700	86.326%	87.048%
2	21:33:37	84.551%	98.380	99.750	98.550	99.600	94.810	88.164%	90.288%
3	21:34:19	85.926%	98.480	100.600	99.460	101.000	97.280	91.696%	92.841%
x		84.173%	98.218%	99.047%	98.471%	99.835%	96.598%	88.729%	90.059%
σ		1.969%	n/a	n/a	n/a	n/a	n/a	2.729%	2.903%
%RSD		2.339	0.371	1.985	1.046	1.027	1.615	3.076	3.224

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:32:55	97.110	97.170	97.880	98.030	98.120	85.163%
2	21:33:37	99.070	98.580	99.780	100.400	99.870	88.295%
3	21:34:19	99.110	99.240	98.330	100.600	99.480	90.191%
x		98.431%	98.331%	98.664%	99.675%	99.157%	87.883%
σ		n/a	n/a	n/a	n/a	n/a	2.539%
%RSD		1.163	1.074	1.005	1.439	0.926	2.889

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:40:08	86.141%	0.005	1.921	2.175	0.000	-22.060	20.140	21.750
2	21:40:50	87.487%	0.039	1.754	2.332	0.000	12.270	36.590	40.150
3	21:41:32	86.281%	0.005	2.941	2.222	0.000	-7.703	32.570	35.060
x		86.636%	0.016	2.206	2.243	0.000	-5.828	29.760	32.320
σ		0.740%	0.020	0.643	0.081	0.000	17.240	8.576	9.498
%RSD		0.854	122.700	29.140	3.594	0.000	295.800	28.810	29.390
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:40:08	-1.203	4.935	0.000	14.570	51.050	48.280	83.155%	0.038
2	21:40:50	0.717	4.928	0.000	29.420	72.550	77.790	83.215%	0.537
3	21:41:32	0.529	4.465	0.000	17.000	78.200	69.250	82.988%	0.226
x		0.014	4.776	0.000	20.330	67.270	65.110	83.120%	0.267
σ		1.059	0.270	0.000	7.967	14.330	15.190	0.118%	0.252
%RSD		7426.000	5.643	0.000	39.180	21.300	23.330	0.141	94.530
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:40:08	0.029	-0.001	0.297	22.590	26.600	0.050	0.052	0.330
2	21:40:50	0.092	0.103	0.676	25.840	30.640	0.097	0.279	0.528
3	21:41:32	0.077	0.034	0.529	22.060	29.740	0.105	0.156	0.361
x		0.066	0.046	0.501	23.500	28.990	0.084	0.162	0.406
σ		0.033	0.053	0.191	2.046	2.122	0.030	0.114	0.106
%RSD		49.900	115.900	38.110	8.707	7.318	35.490	70.030	26.180
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:40:08	0.336	0.486	0.601	-0.369	-0.697	-1.312	0.000	0.465
2	21:40:50	0.396	0.482	0.640	-0.087	-0.013	-0.818	0.000	0.961
3	21:41:32	0.420	0.326	1.067	-0.314	-0.454	-0.490	0.000	0.781
x		0.384	0.431	0.770	-0.257	-0.388	-0.873	0.000	0.736
σ		0.043	0.091	0.259	0.150	0.347	0.414	0.000	0.251
%RSD		11.320	21.210	33.640	58.290	89.420	47.390	0.000	34.100
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:40:08	83.004%	0.415	0.428	84.295%	0.062	0.047	0.108	0.022
2	21:40:50	83.621%	0.395	0.390	85.246%	0.057	0.066	0.160	0.008
3	21:41:32	82.853%	0.336	0.269	84.928%	0.034	0.057	0.109	0.023
x		83.159%	0.382	0.363	84.823%	0.051	0.057	0.126	0.018
σ		0.407%	0.041	0.083	0.484%	0.015	0.009	0.030	0.008
%RSD		0.489	10.710	22.910	0.571	28.940	16.430	23.660	45.910
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:40:08	83.516%	1.897	0.241	0.202	0.171	0.150	85.477%	86.410%
2	21:40:50	85.218%	1.895	0.271	0.255	0.476	0.239	86.296%	87.390%
3	21:41:32	84.878%	1.857	0.226	0.294	0.294	0.450	87.169%	87.216%
x		84.537%	1.883	0.246	0.250	0.313	0.280	86.314%	87.005%
σ		0.901%	0.022	0.023	0.046	0.153	0.154	0.846%	0.523%
%RSD		1.066	1.181	9.171	18.490	48.920	54.990	0.981	0.601
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:40:08	0.049	0.068	0.053	0.049	0.060	88.786%		
2	21:40:50	0.088	0.089	0.080	0.060	0.077	89.236%		
3	21:41:32	0.082	0.069	0.056	0.056	0.050	89.319%		
x		0.073	0.075	0.063	0.055	0.062	89.114%		
σ		0.021	0.012	0.015	0.006	0.013	0.287%		
%RSD		28.840	15.980	23.570	10.350	21.530	0.322		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	84.630%	-0.031	46.630	46.090	0.000	34690.000	14930.000	14960.000
2	21:45:08	86.369%	-0.031	46.460	48.410	0.000	34220.000	14940.000	14990.000
3	21:45:50	84.984%	-0.031	49.990	48.340	0.000	34570.000	15150.000	15220.000
x		85.328%	-0.031	47.690	47.610	0.000	34490.000	15010.000	15050.000
σ		0.919%	0.000	1.987	1.322	0.000	245.600	127.300	142.300
%RSD		1.077	0.000	4.167	2.777	0.000	0.712	0.848	0.946

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	0.376	5069.000	0.000	2424.000	19790.000	19090.000	80.864%	2.224
2	21:45:08	0.669	5050.000	0.000	2438.000	19410.000	19120.000	82.175%	1.492
3	21:45:50	0.591	5115.000	0.000	2470.000	19670.000	19440.000	82.537%	1.736
x		0.546	5078.000	0.000	2444.000	19620.000	19220.000	81.859%	1.817
σ		0.152	33.530	0.000	23.570	194.400	192.000	0.880%	0.373
%RSD		27.810	0.660	0.000	0.965	0.991	0.999	1.075	20.510

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	-0.007	-0.199	39.050	10390.000	9937.000	0.483	0.531	0.974
2	21:45:08	-0.065	-0.135	38.940	10250.000	10010.000	0.498	0.480	0.778
3	21:45:50	-0.114	-0.178	39.640	10290.000	10090.000	0.524	0.475	0.794
x		-0.062	-0.171	39.210	10310.000	10010.000	0.502	0.495	0.848
σ		0.053	0.032	0.374	71.240	77.120	0.020	0.031	0.109
%RSD		86.090	19.010	0.954	0.691	0.770	4.077	6.287	12.810

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	0.966	14.580	13.840	12.170	-1.355	-1.463	0.000	118.600
2	21:45:08	0.798	15.480	16.250	11.970	-1.762	0.481	0.000	118.900
3	21:45:50	0.960	13.960	14.020	12.750	-1.064	-0.525	0.000	122.100
x		0.908	14.670	14.700	12.300	-1.394	-0.502	0.000	119.900
σ		0.096	0.761	1.344	0.401	0.350	0.972	0.000	1.965
%RSD		10.520	5.186	9.142	3.264	25.140	193.600	0.000	1.639

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	81.775%	0.433	0.627	81.219%	-0.002	0.003	0.087	0.102
2	21:45:08	83.443%	0.507	0.520	83.165%	-0.006	0.003	0.095	0.000
3	21:45:50	83.675%	0.540	0.529	84.071%	0.012	0.003	0.205	0.164
x		82.964%	0.493	0.559	82.818%	0.001	0.003	0.129	0.088
σ		1.037%	0.055	0.060	1.457%	0.009	0.000	0.066	0.083
%RSD		1.250	11.150	10.650	1.759	813.600	6.709	50.920	93.440

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	82.257%	1.590	0.234	0.251	58.950	60.170	85.014%	86.720%
2	21:45:08	85.156%	1.368	0.270	0.152	59.710	58.820	88.917%	89.643%
3	21:45:50	85.808%	1.779	0.189	0.226	59.620	59.150	89.616%	90.668%
x		84.407%	1.579	0.231	0.210	59.430	59.380	87.849%	89.011%
σ		1.890%	0.206	0.041	0.052	0.417	0.705	2.480%	2.049%
%RSD		2.239	13.030	17.560	24.620	0.701	1.187	2.823	2.302

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:44:26	0.009	0.012	0.907	0.937	0.934	90.783%
2	21:45:08	0.019	0.030	0.878	1.008	0.904	91.842%
3	21:45:50	0.019	0.022	0.976	0.968	0.915	91.346%
x		0.016	0.022	0.921	0.971	0.918	91.323%
σ		0.006	0.009	0.050	0.036	0.015	0.530%
%RSD		38.770	40.350	5.436	3.664	1.646	0.580

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	85.656%	0.005	50.850	47.300	0.000	35190.000	15160.000	15280.000
2	21:49:24	85.587%	-0.031	48.160	50.610	0.000	35100.000	15450.000	15390.000
3	21:50:06	84.839%	-0.031	49.200	50.680	0.000	35120.000	15540.000	15500.000
x		85.361%	-0.019	49.400	49.530	0.000	35140.000	15390.000	15390.000
σ		0.453%	0.021	1.360	1.932	0.000	42.750	197.500	110.000
%RSD		0.531	109.200	2.753	3.901	0.000	0.122	1.284	0.715

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	-1.137	5190.000	0.000	2464.000	19770.000	19360.000	83.497%	2.152
2	21:49:24	-1.031	5242.000	0.000	2492.000	20380.000	19560.000	83.960%	1.768
3	21:50:06	-1.465	5236.000	0.000	2489.000	19890.000	19540.000	83.902%	1.646
x		-1.211	5223.000	0.000	2482.000	20010.000	19490.000	83.786%	1.855
σ		0.226	28.800	0.000	15.020	321.900	112.600	0.252%	0.264
%RSD		18.700	0.551	0.000	0.605	1.608	0.578	0.301	14.250

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	-0.117	-0.102	40.240	10560.000	10150.000	0.470	0.820	0.839
2	21:49:24	-0.044	-0.124	40.420	10530.000	10260.000	0.500	0.458	0.699
3	21:50:06	-0.054	-0.131	40.450	10470.000	10260.000	0.540	0.423	0.592
x		-0.072	-0.119	40.370	10520.000	10220.000	0.504	0.567	0.710
σ		0.040	0.015	0.117	47.310	65.130	0.035	0.220	0.124
%RSD		55.440	12.930	0.289	0.450	0.637	7.043	38.820	17.510

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	0.832	14.230	13.600	12.870	0.005	-0.982	0.000	121.300
2	21:49:24	0.677	13.940	12.860	12.190	-0.978	-1.369	0.000	120.800
3	21:50:06	1.009	13.770	15.130	13.020	-0.500	-0.194	0.000	122.900
x		0.840	13.980	13.860	12.690	-0.491	-0.849	0.000	121.600
σ		0.166	0.230	1.157	0.445	0.492	0.599	0.000	1.070
%RSD		19.770	1.646	8.345	3.503	100.100	70.560	0.000	0.879

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	83.047%	0.420	0.667	82.772%	0.007	0.003	0.230	0.226
2	21:49:24	84.325%	0.536	0.503	84.131%	0.003	-0.002	0.249	0.150
3	21:50:06	83.940%	0.498	0.478	84.608%	-0.002	-0.007	0.208	0.146
x		83.771%	0.485	0.549	83.837%	0.003	-0.002	0.229	0.174
σ		0.656%	0.059	0.102	0.953%	0.005	0.005	0.021	0.045
%RSD		0.783	12.190	18.640	1.137	173.000	250.700	9.058	25.940

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	83.451%	2.387	0.195	0.181	59.420	61.050	87.925%	88.391%
2	21:49:24	85.149%	3.196	0.205	0.203	60.310	60.700	88.690%	90.654%
3	21:50:06	85.434%	2.513	0.165	0.158	60.000	60.270	89.336%	90.957%
x		84.678%	2.699	0.188	0.181	59.910	60.670	88.651%	90.001%
σ		1.072%	0.435	0.021	0.023	0.454	0.391	0.706%	1.402%
%RSD		1.266	16.130	11.090	12.560	0.759	0.644	0.797	1.558

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:42	0.018	0.013	0.787	0.768	0.809	88.551%
2	21:49:24	-0.005	0.018	0.857	0.854	0.860	90.112%
3	21:50:06	0.000	0.014	0.860	0.923	0.882	90.132%
x		0.004	0.015	0.834	0.848	0.850	89.598%
σ		0.012	0.003	0.041	0.077	0.037	0.907%
%RSD		277.900	18.490	4.957	9.129	4.370	1.012

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:52:59	84.352%	0.005	39.720	42.520	0.000	46380.000	21080.000	21140.000
2	21:53:41	84.146%	-0.031	42.990	44.060	0.000	46090.000	21220.000	21160.000
3	21:54:23	86.084%	0.005	43.380	43.380	0.000	45770.000	21140.000	21180.000
x		84.861%	-0.007	42.030	43.320	0.000	46080.000	21150.000	21160.000
σ		1.065%	0.021	2.012	0.775	0.000	309.400	67.870	22.270
%RSD		1.254	301.900	4.788	1.789	0.000	0.671	0.321	0.105
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:52:59	25.130	11510.000	0.000	1028.000	30180.000	29480.000	83.022%	2.038
2	21:53:41	26.520	11510.000	0.000	1019.000	30650.000	29270.000	84.677%	1.813
3	21:54:23	25.560	11530.000	0.000	1028.000	30190.000	29700.000	84.619%	2.181
x		25.730	11520.000	0.000	1025.000	30340.000	29490.000	84.106%	2.011
σ		0.710	8.818	0.000	5.262	266.900	216.000	0.939%	0.186
%RSD		2.759	0.077	0.000	0.513	0.880	0.733	1.116	9.227
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:52:59	0.071	-0.085	684.300	23620.000	23190.000	0.964	0.086	1.158
2	21:53:41	0.208	-0.040	683.700	23130.000	23010.000	0.872	0.276	1.177
3	21:54:23	0.135	-0.103	688.800	23170.000	23200.000	0.773	0.259	1.219
x		0.138	-0.076	685.600	23300.000	23130.000	0.870	0.207	1.185
σ		0.069	0.032	2.775	271.000	105.500	0.096	0.105	0.031
%RSD		49.800	42.360	0.405	1.163	0.456	11.020	50.930	2.610
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:52:59	0.975	5.494	5.553	50.940	0.209	-0.691	0.000	246.600
2	21:53:41	1.234	5.357	6.030	49.920	-1.710	-0.313	0.000	245.800
3	21:54:23	1.186	6.421	6.513	51.820	0.313	-0.778	0.000	247.300
x		1.132	5.758	6.032	50.890	-0.396	-0.594	0.000	246.600
σ		0.138	0.579	0.480	0.948	1.139	0.247	0.000	0.719
%RSD		12.200	10.060	7.954	1.864	287.800	41.660	0.000	0.292
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:52:59	84.014%	0.312	0.409	83.032%	0.007	-0.002	0.075	0.003
2	21:53:41	85.637%	0.399	0.369	85.145%	-0.002	-0.002	0.049	-0.008
3	21:54:23	86.772%	0.465	0.500	85.908%	0.016	0.003	-0.044	-0.064
x		85.474%	0.392	0.426	84.695%	0.007	-0.001	0.027	-0.023
σ		1.386%	0.077	0.067	1.490%	0.009	0.003	0.062	0.036
%RSD		1.622	19.650	15.690	1.759	126.000	510.900	232.600	155.800
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:52:59	83.881%	1.356	0.163	0.148	79.010	78.280	87.780%	89.645%
2	21:53:41	87.891%	0.904	0.160	0.128	74.080	75.230	91.737%	92.061%
3	21:54:23	88.466%	0.729	0.145	0.139	75.780	78.840	91.614%	93.492%
x		86.746%	0.996	0.156	0.138	76.290	77.450	90.377%	91.733%
σ		2.498%	0.323	0.010	0.010	2.504	1.944	2.250%	1.945%
%RSD		2.879	32.470	6.449	7.429	3.282	2.511	2.489	2.120
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:52:59	-0.002	0.014	0.272	0.333	0.293	88.875%		
2	21:53:41	0.005	0.007	0.273	0.341	0.317	91.612%		
3	21:54:23	0.008	0.006	0.296	0.314	0.321	92.774%		
x		0.004	0.009	0.280	0.329	0.310	91.087%		
σ		0.005	0.004	0.013	0.014	0.015	2.002%		
%RSD		140.300	50.240	4.753	4.202	4.874	2.198		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	83.697%	-0.031	32.530	31.560	0.000	3513.000	3178.000	3174.000
2	21:57:59	83.326%	-0.031	29.940	31.430	0.000	3047.000	3187.000	3179.000
3	21:58:40	82.418%	0.006	32.280	34.220	0.000	3065.000	3166.000	3159.000
x		83.147%	-0.018	31.580	32.400	0.000	3208.000	3177.000	3171.000
σ		0.658%	0.021	1.430	1.574	0.000	264.000	10.490	10.410
%RSD		0.791	116.400	4.528	4.857	0.000	8.228	0.330	0.328

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	2.854	2720.000	0.000	4239.000	23990.000	23310.000	82.429%	1.173
2	21:57:59	1.881	2715.000	0.000	4229.000	23410.000	23350.000	81.274%	0.743
3	21:58:40	2.391	2713.000	0.000	4231.000	24040.000	23300.000	80.623%	0.428
x		2.375	2716.000	0.000	4233.000	23810.000	23320.000	81.442%	0.781
σ		0.486	3.688	0.000	5.418	352.600	23.770	0.915%	0.374
%RSD		20.480	0.136	0.000	0.128	1.481	0.102	1.123	47.880

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	1.494	0.131	40.090	148.800	222.000	0.491	0.229	2.746
2	21:57:59	1.186	0.037	39.590	117.700	187.300	0.633	0.304	2.336
3	21:58:40	1.534	0.148	39.850	115.200	186.700	0.561	0.408	2.579
x		1.405	0.105	39.850	127.200	198.600	0.561	0.314	2.554
σ		0.190	0.060	0.251	18.710	20.220	0.071	0.090	0.206
%RSD		13.540	56.820	0.630	14.710	10.180	12.630	28.640	8.071

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	2.100	6.452	7.013	2.550	-0.557	0.479	0.000	151.800
2	21:57:59	2.798	6.560	6.503	2.521	0.060	1.175	0.000	151.500
3	21:58:40	2.689	6.696	6.780	2.369	-0.640	-0.503	0.000	151.400
x		2.529	6.569	6.765	2.480	-0.379	0.384	0.000	151.600
σ		0.375	0.122	0.255	0.098	0.383	0.843	0.000	0.197
%RSD		14.850	1.861	3.775	3.938	101.000	219.700	0.000	0.130

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	82.558%	4.315	3.886	83.503%	-0.002	-0.007	-0.116	-0.155
2	21:57:59	82.327%	4.143	4.364	82.858%	-0.002	-0.007	-0.031	-0.003
3	21:58:40	82.040%	4.347	4.509	82.341%	-0.002	-0.007	0.019	-0.019
x		82.308%	4.268	4.253	82.901%	-0.002	-0.007	-0.042	-0.059
σ		0.260%	0.110	0.326	0.582%	0.000	0.000	0.068	0.083
%RSD		0.316	2.571	7.662	0.703	1.454	0.000	160.600	140.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	84.584%	1.930	0.945	0.961	13.590	13.630	88.271%	88.560%
2	21:57:59	84.087%	2.211	1.034	0.945	13.300	13.090	88.999%	88.736%
3	21:58:40	84.022%	1.909	1.101	0.954	13.760	13.800	88.010%	88.824%
x		84.231%	2.016	1.027	0.954	13.550	13.500	88.427%	88.707%
σ		0.308%	0.169	0.079	0.008	0.232	0.372	0.513%	0.134%
%RSD		0.365	8.383	7.647	0.835	1.709	2.756	0.580	0.151

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	21:57:17	0.006	0.018	0.281	0.262	0.286	90.402%
2	21:57:59	0.017	0.019	0.264	0.258	0.267	90.390%
3	21:58:40	0.000	0.015	0.259	0.256	0.280	89.851%
x		0.008	0.017	0.268	0.259	0.278	90.214%
σ		0.008	0.002	0.012	0.003	0.009	0.315%
%RSD		107.900	12.820	4.309	1.185	3.417	0.349

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	79.161%	-0.031	7.470	8.543	0.000	599.800	642.000	653.900
2	22:02:17	81.915%	-0.031	8.978	7.637	0.000	571.900	645.600	636.700
3	22:02:58	81.276%	-0.031	6.604	7.758	0.000	559.200	641.400	636.300
x		80.784%	-0.031	7.684	7.980	0.000	577.000	643.000	642.300
σ		1.441%	0.000	1.201	0.492	0.000	20.750	2.259	10.050
%RSD		1.784	0.000	15.640	6.163	0.000	3.596	0.351	1.565

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	-0.234	539.500	0.000	835.500	4892.000	4623.000	77.222%	0.451
2	22:02:17	-1.338	538.900	0.000	833.300	5004.000	4647.000	76.687%	0.116
3	22:02:58	-2.528	535.200	0.000	831.900	4447.000	4619.000	76.103%	0.254
x		-1.366	537.900	0.000	833.600	4781.000	4630.000	76.671%	0.273
σ		1.147	2.344	0.000	1.808	294.600	15.430	0.560%	0.168
%RSD		83.970	0.436	0.000	0.217	6.162	0.333	0.730	61.620

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	0.254	-0.049	8.522	38.000	51.480	0.128	0.283	0.816
2	22:02:17	0.231	-0.015	8.380	31.430	44.960	0.107	0.104	0.879
3	22:02:58	0.355	0.012	8.520	27.900	45.140	0.112	0.132	0.680
x		0.280	-0.017	8.474	32.440	47.190	0.116	0.173	0.792
σ		0.066	0.031	0.081	5.128	3.711	0.011	0.096	0.102
%RSD		23.570	175.100	0.962	15.800	7.863	9.480	55.600	12.860

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	0.740	1.154	1.842	0.571	-0.572	0.144	0.000	31.650
2	22:02:17	1.028	1.473	1.587	0.365	-1.730	-0.158	0.000	30.710
3	22:02:58	0.946	1.583	1.026	0.833	-1.343	-0.057	0.000	30.320
x		0.905	1.403	1.485	0.590	-1.215	-0.024	0.000	30.890
σ		0.148	0.223	0.417	0.235	0.590	0.154	0.000	0.684
%RSD		16.400	15.850	28.100	39.790	48.520	648.300	0.000	2.213

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	77.397%	1.071	0.714	78.952%	0.003	0.009	-0.055	-0.117
2	22:02:17	78.361%	0.787	0.658	79.110%	0.013	-0.007	-0.153	-0.189
3	22:02:58	78.182%	0.750	0.704	78.664%	0.003	0.009	0.115	0.085
x		77.980%	0.870	0.692	78.909%	0.006	0.004	-0.031	-0.074
σ		0.513%	0.176	0.030	0.226%	0.006	0.009	0.136	0.142
%RSD		0.657	20.190	4.311	0.287	85.700	257.800	440.600	192.600

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	78.770%	0.926	0.293	0.228	3.222	2.978	83.150%	83.874%
2	22:02:17	81.117%	0.729	0.290	0.288	2.744	2.831	84.456%	84.568%
3	22:02:58	80.607%	0.702	0.234	0.162	2.543	2.734	84.171%	85.085%
x		80.165%	0.786	0.272	0.226	2.836	2.848	83.926%	84.509%
σ		1.234%	0.123	0.033	0.063	0.349	0.123	0.687%	0.607%
%RSD		1.540	15.620	12.190	27.830	12.290	4.303	0.818	0.719

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:01:35	-0.001	0.010	0.086	0.106	0.072	84.273%
2	22:02:17	0.010	0.008	0.077	0.044	0.065	85.597%
3	22:02:58	0.010	0.014	0.055	0.055	0.064	86.154%
x		0.006	0.011	0.073	0.068	0.067	85.341%
σ		0.007	0.003	0.016	0.033	0.004	0.966%
%RSD		100.300	27.320	21.780	48.780	6.579	1.132

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	81.123%	50.040	945.900	936.000	0.000	50120.000	44210.000	44620.000
2	22:06:35	82.071%	49.830	961.600	955.900	0.000	50250.000	44840.000	45270.000
3	22:07:17	81.524%	51.560	978.500	957.200	0.000	50400.000	45160.000	45360.000
x		81.573%	50.470	962.000	949.700	0.000	50260.000	44740.000	45080.000
σ		0.476%	0.944	16.300	11.880	0.000	138.300	481.400	406.300
%RSD		0.583	1.871	1.695	1.251	0.000	0.275	1.076	0.901

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	1847.000	12380.000	0.000	52620.000	70900.000	71470.000	77.999%	982.600
2	22:06:35	1873.000	12620.000	0.000	52610.000	73550.000	73120.000	78.235%	1005.000
3	22:07:17	1884.000	12640.000	0.000	52260.000	70770.000	72490.000	78.943%	986.300
x		1868.000	12550.000	0.000	52500.000	71740.000	72360.000	78.392%	991.300
σ		19.000	143.200	0.000	206.300	1568.000	831.800	0.491%	11.920
%RSD		1.017	1.141	0.000	0.393	2.186	1.149	0.626	1.202

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	494.400	195.200	530.800	975.700	1301.000	489.500	495.900	248.400
2	22:06:35	504.200	197.700	537.000	991.700	1299.000	497.000	502.100	254.500
3	22:07:17	503.300	199.100	536.600	991.000	1314.000	495.900	500.900	251.200
x		500.600	197.400	534.800	986.100	1305.000	494.200	499.600	251.400
σ		5.396	1.971	3.487	9.066	8.040	4.022	3.316	3.059
%RSD		1.078	0.999	0.652	0.919	0.616	0.814	0.664	1.217

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	246.200	487.800	490.700	41.500	10.740	9.919	0.000	1130.000
2	22:06:35	255.300	485.000	491.200	41.130	10.680	8.737	0.000	1135.000
3	22:07:17	250.300	491.100	498.300	42.260	6.133	8.174	0.000	1132.000
x		250.600	488.000	493.400	41.630	9.187	8.943	0.000	1132.000
σ		4.533	3.083	4.262	0.576	2.644	0.890	0.000	2.359
%RSD		1.809	0.632	0.864	1.384	28.780	9.954	0.000	0.208

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	76.868%	1015.000	1022.000	75.515%	49.460	49.550	47.830	39.900
2	22:06:35	78.966%	1024.000	1025.000	77.717%	48.920	49.770	48.250	43.070
3	22:07:17	79.463%	1028.000	1036.000	77.967%	50.440	50.010	49.480	41.820
x		78.432%	1022.000	1028.000	77.066%	49.610	49.780	48.520	41.600
σ		1.378%	6.665	7.663	1.349%	0.772	0.229	0.857	1.597
%RSD		1.756	0.652	0.746	1.751	1.557	0.459	1.766	3.840

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	78.779%	2015.000	487.100	484.700	1975.000	1987.000	84.280%	85.910%
2	22:06:35	80.860%	2029.000	493.800	494.900	1974.000	1969.000	86.857%	88.968%
3	22:07:17	81.409%	2029.000	494.600	493.500	1967.000	1984.000	87.471%	88.832%
x		80.349%	2024.000	491.800	491.000	1972.000	1980.000	86.203%	87.903%
σ		1.388%	7.820	4.106	5.511	4.079	9.308	1.693%	1.727%
%RSD		1.727	0.386	0.835	1.122	0.207	0.470	1.964	1.965

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:05:53	48.650	49.160	19.700	20.380	20.150	85.719%
2	22:06:35	50.520	49.440	20.300	20.420	20.410	87.574%
3	22:07:17	50.910	50.110	20.590	20.690	20.610	87.919%
x		50.030	49.570	20.200	20.500	20.390	87.071%
σ		1.207	0.487	0.451	0.172	0.232	1.183%
%RSD		2.412	0.982	2.233	0.841	1.137	1.359

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	78.556%	52.030	961.400	957.300	0.000	50470.000	44730.000	44860.000
2	22:10:52	80.106%	47.620	948.200	948.200	0.000	49410.000	44320.000	44600.000
3	22:11:33	79.312%	47.430	970.200	959.800	0.000	50000.000	45010.000	45210.000
x		79.325%	49.030	959.900	955.100	0.000	49960.000	44690.000	44890.000
σ		0.775%	2.600	11.110	6.123	0.000	531.900	347.800	309.300
%RSD		0.978	5.304	1.157	0.641	0.000	1.065	0.778	0.689

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	1851.000	12440.000	0.000	52100.000	70370.000	70570.000	76.839%	974.800
2	22:10:52	1844.000	12380.000	0.000	51690.000	72190.000	71090.000	77.074%	981.700
3	22:11:33	1857.000	12430.000	0.000	51840.000	71400.000	71760.000	76.614%	989.800
x		1851.000	12420.000	0.000	51870.000	71320.000	71140.000	76.842%	982.100
σ		6.339	31.270	0.000	206.400	912.100	596.300	0.230%	7.512
%RSD		0.343	0.252	0.000	0.398	1.279	0.838	0.299	0.765

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	491.600	195.500	523.300	901.800	1220.000	486.600	488.000	245.900
2	22:10:52	490.100	195.100	519.800	903.300	1242.000	486.900	493.000	251.000
3	22:11:33	501.600	196.700	524.300	908.100	1214.000	487.200	496.300	246.800
x		494.400	195.700	522.500	904.400	1225.000	486.900	492.400	247.900
σ		6.278	0.823	2.347	3.299	15.110	0.314	4.203	2.753
%RSD		1.270	0.420	0.449	0.365	1.234	0.064	0.853	1.111

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	252.500	476.200	484.800	42.190	8.618	8.293	0.000	1094.000
2	22:10:52	251.000	485.600	485.300	39.850	8.607	10.100	0.000	1103.000
3	22:11:33	252.600	485.200	491.200	40.130	7.631	9.042	0.000	1107.000
x		252.000	482.300	487.100	40.720	8.285	9.143	0.000	1101.000
σ		0.912	5.291	3.539	1.276	0.566	0.906	0.000	6.430
%RSD		0.362	1.097	0.727	3.134	6.836	9.904	0.000	0.584

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	78.002%	1005.000	1018.000	75.396%	49.180	48.530	50.230	42.090
2	22:10:52	79.046%	1012.000	1023.000	76.775%	49.060	48.940	47.250	40.490
3	22:11:33	79.005%	1016.000	1024.000	76.977%	48.640	48.820	49.020	41.050
x		78.684%	1011.000	1021.000	76.382%	48.960	48.760	48.830	41.210
σ		0.591%	5.328	3.381	0.860%	0.281	0.210	1.497	0.812
%RSD		0.751	0.527	0.331	1.126	0.573	0.431	3.065	1.971

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	77.556%	2024.000	492.100	494.600	1959.000	1959.000	83.399%	85.567%
2	22:10:52	80.805%	2000.000	490.200	488.900	1907.000	1936.000	87.367%	88.407%
3	22:11:33	81.833%	1988.000	488.900	489.900	1941.000	1939.000	86.994%	88.649%
x		80.065%	2004.000	490.400	491.100	1936.000	1945.000	85.920%	87.541%
σ		2.232%	18.530	1.646	3.060	26.520	12.890	2.191%	1.714%
%RSD		2.788	0.925	0.336	0.623	1.370	0.663	2.550	1.958

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:10	49.820	49.450	20.400	20.020	20.310	84.271%
2	22:10:52	49.960	49.780	20.130	21.160	20.420	86.250%
3	22:11:33	50.480	49.630	20.730	20.480	20.580	86.674%
x		50.090	49.620	20.420	20.560	20.440	85.732%
σ		0.347	0.166	0.299	0.570	0.139	1.283%
%RSD		0.693	0.334	1.464	2.770	0.677	1.496

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	79.899%	-0.031	69.420	68.790	0.000	43050.000	18160.000	18200.000
2	22:15:07	81.181%	0.007	66.120	69.020	0.000	42770.000	18120.000	18220.000
3	22:15:48	80.186%	-0.031	65.220	66.880	0.000	43160.000	18510.000	18500.000
x		80.422%	-0.018	66.920	68.230	0.000	42990.000	18260.000	18310.000
σ		0.673%	0.022	2.213	1.177	0.000	200.300	216.100	169.200
%RSD		0.837	119.500	3.307	1.726	0.000	0.466	1.183	0.924

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	-1.225	10650.000	0.000	12750.000	93830.000	93040.000	77.255%	2.802
2	22:15:07	-2.262	10690.000	0.000	12700.000	92920.000	93180.000	78.597%	2.422
3	22:15:48	-2.186	10870.000	0.000	12800.000	94620.000	94040.000	78.650%	1.892
x		-1.891	10730.000	0.000	12750.000	93790.000	93420.000	78.167%	2.372
σ		0.578	119.100	0.000	52.970	846.100	542.400	0.790%	0.457
%RSD		30.570	1.110	0.000	0.415	0.902	0.581	1.011	19.270

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	0.491	0.531	980.700	46370.000	46170.000	0.238	3.667	0.824
2	22:15:07	0.428	0.380	981.500	45890.000	46320.000	0.187	3.475	0.872
3	22:15:48	0.309	0.479	1000.000	46340.000	46990.000	0.195	4.046	0.713
x		0.410	0.463	987.500	46200.000	46500.000	0.206	3.729	0.803
σ		0.092	0.077	11.050	269.300	436.400	0.027	0.291	0.081
%RSD		22.570	16.570	1.119	0.583	0.939	13.290	7.795	10.120

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	0.961	10.220	11.060	7.903	-0.333	-0.825	0.000	716.800
2	22:15:07	0.889	10.170	10.500	8.021	-2.028	-1.855	0.000	711.100
3	22:15:48	1.020	10.000	11.520	7.899	-0.428	-1.196	0.000	722.600
x		0.957	10.130	11.020	7.941	-0.930	-1.292	0.000	716.800
σ		0.065	0.114	0.510	0.069	0.953	0.522	0.000	5.743
%RSD		6.842	1.121	4.628	0.873	102.500	40.390	0.000	0.801

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	77.770%	8.684	8.910	76.636%	0.013	-0.007	0.075	-0.004
2	22:15:07	80.026%	6.216	5.927	78.134%	0.013	0.009	0.245	0.238
3	22:15:48	79.971%	4.667	4.824	78.814%	0.013	0.009	0.090	-0.007
x		79.256%	6.522	6.554	77.861%	0.013	0.003	0.137	0.076
σ		1.287%	2.026	2.114	1.114%	0.000	0.009	0.094	0.141
%RSD		1.624	31.070	32.250	1.431	2.196	264.600	68.860	185.900

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	80.022%	11.690	9.249	9.061	83.660	84.720	84.688%	86.416%
2	22:15:07	81.990%	7.390	6.389	6.101	84.650	82.720	87.065%	88.491%
3	22:15:48	82.324%	6.022	4.663	4.326	84.970	83.850	87.704%	88.244%
x		81.445%	8.366	6.767	6.496	84.420	83.760	86.486%	87.717%
σ		1.244%	2.956	2.316	2.392	0.683	1.004	1.589%	1.133%
%RSD		1.527	35.330	34.230	36.830	0.809	1.198	1.837	1.292

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:25	0.010	0.003	1.484	1.379	1.430	87.514%
2	22:15:07	-0.002	0.004	1.374	1.369	1.472	89.106%
3	22:15:48	-0.002	0.005	1.516	1.490	1.483	88.598%
x		0.002	0.004	1.458	1.413	1.462	88.406%
σ		0.007	0.001	0.074	0.067	0.028	0.814%
%RSD		372.700	25.210	5.107	4.758	1.930	0.920

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	82.366%	-0.031	193.300	188.800	0.000	44250.000	21380.000	21470.000
2	22:19:22	82.828%	0.006	188.200	190.200	0.000	44200.000	21470.000	21520.000
3	22:20:03	83.742%	0.042	187.800	188.100	0.000	43940.000	21550.000	21520.000
x		82.979%	0.006	189.700	189.000	0.000	44130.000	21470.000	21500.000
σ		0.700%	0.036	3.067	1.080	0.000	166.600	86.680	26.650
%RSD		0.844	622.800	1.617	0.572	0.000	0.378	0.404	0.124

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	152.000	8752.000	0.000	6425.000	68280.000	67650.000	80.820%	4.731
2	22:19:22	151.300	8821.000	0.000	6485.000	69140.000	67950.000	81.926%	5.045
3	22:20:03	151.700	8803.000	0.000	6514.000	69020.000	67480.000	81.928%	4.662
x		151.700	8792.000	0.000	6475.000	68810.000	67690.000	81.558%	4.813
σ		0.335	35.890	0.000	45.300	463.600	239.300	0.639%	0.204
%RSD		0.221	0.408	0.000	0.700	0.674	0.354	0.783	4.239

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	0.925	0.300	139.500	59820.000	59740.000	11.670	2.109	1.278
2	22:19:22	0.759	0.374	139.300	59000.000	59920.000	11.770	2.206	1.688
3	22:20:03	0.720	0.316	141.800	58930.000	60100.000	11.850	2.051	1.456
x		0.801	0.330	140.200	59250.000	59920.000	11.760	2.122	1.474
σ		0.109	0.039	1.350	493.800	178.900	0.094	0.078	0.206
%RSD		13.560	11.840	0.963	0.833	0.299	0.799	3.674	13.940

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	1.398	151.600	147.300	25.880	-0.974	-1.378	0.000	579.400
2	22:19:22	1.581	146.900	151.000	26.510	-0.082	1.559	0.000	581.200
3	22:20:03	1.529	148.500	148.800	27.360	-1.177	0.849	0.000	577.800
x		1.503	149.000	149.000	26.580	-0.744	0.344	0.000	579.500
σ		0.094	2.379	1.840	0.744	0.582	1.533	0.000	1.712
%RSD		6.245	1.596	1.235	2.799	78.250	446.000	0.000	0.295

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	81.062%	2.549	2.392	79.820%	0.003	0.003	0.079	0.063
2	22:19:22	82.729%	2.214	2.014	81.630%	0.012	-0.002	0.019	-0.033
3	22:20:03	83.711%	1.862	1.804	82.633%	0.003	0.003	0.203	0.081
x		82.501%	2.208	2.070	81.361%	0.006	0.001	0.100	0.037
σ		1.339%	0.344	0.298	1.426%	0.005	0.003	0.094	0.062
%RSD		1.623	15.560	14.390	1.752	89.190	202.200	93.510	166.400

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	81.427%	4.834	1.927	2.041	141.700	141.800	86.011%	87.714%
2	22:19:22	83.559%	4.053	1.617	1.750	140.000	142.400	89.652%	89.230%
3	22:20:03	85.104%	3.586	1.455	1.688	140.300	142.000	90.770%	91.232%
x		83.363%	4.158	1.666	1.826	140.700	142.100	88.811%	89.392%
σ		1.846%	0.631	0.240	0.189	0.910	0.307	2.488%	1.765%
%RSD		2.214	15.160	14.390	10.320	0.647	0.216	2.802	1.974

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:40	-0.013	0.013	1.587	1.663	1.589	87.091%
2	22:19:22	-0.011	0.012	1.517	1.559	1.544	89.557%
3	22:20:03	0.006	0.007	1.556	1.521	1.536	90.122%
x		-0.006	0.010	1.553	1.581	1.556	88.923%
σ		0.010	0.003	0.035	0.073	0.029	1.612%
%RSD		173.000	29.000	2.275	4.635	1.857	1.812

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	81.832%	0.007	224.500	219.500	0.000	78220.000	34360.000	34450.000
2	22:23:38	82.500%	-0.031	216.900	218.400	0.000	77550.000	34640.000	34750.000
3	22:24:19	85.304%	-0.031	209.600	207.700	0.000	75510.000	33900.000	34110.000
x		83.212%	-0.018	217.000	215.200	0.000	77090.000	34300.000	34440.000
σ		1.842%	0.021	7.464	6.535	0.000	1414.000	373.200	322.100
%RSD		2.214	117.600	3.440	3.037	0.000	1.835	1.088	0.935

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	0.207	8656.000	0.000	13920.000	85480.000	84810.000	81.006%	2.605
2	22:23:38	-0.190	8678.000	0.000	13900.000	86410.000	85630.000	81.736%	2.961
3	22:24:19	-0.317	8534.000	0.000	13640.000	84790.000	85130.000	83.224%	2.783
x		-0.100	8623.000	0.000	13820.000	85560.000	85190.000	81.989%	2.783
σ		0.273	77.460	0.000	156.200	814.000	417.500	1.130%	0.178
%RSD		273.100	0.898	0.000	1.131	0.951	0.490	1.379	6.409

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	0.893	0.100	229.900	57630.000	57670.000	4.249	1.116	0.768
2	22:23:38	0.709	0.027	231.500	57120.000	58320.000	4.299	0.732	0.726
3	22:24:19	0.799	-0.037	229.200	56270.000	57740.000	4.176	1.484	0.829
x		0.800	0.030	230.200	57010.000	57910.000	4.241	1.111	0.774
σ		0.092	0.068	1.192	684.000	357.900	0.062	0.376	0.051
%RSD		11.490	228.000	0.518	1.200	0.618	1.454	33.830	6.642

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	0.691	9.515	9.873	26.510	-1.831	0.202	0.000	576.800
2	22:23:38	0.596	10.230	10.530	27.410	-0.427	-0.177	0.000	584.700
3	22:24:19	0.810	9.255	10.700	27.770	-1.537	-0.756	0.000	581.600
x		0.699	9.667	10.370	27.230	-1.265	-0.244	0.000	581.100
σ		0.107	0.505	0.439	0.645	0.741	0.482	0.000	4.004
%RSD		15.330	5.227	4.237	2.368	58.560	197.700	0.000	0.689

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	81.460%	0.654	0.550	79.646%	-0.002	-0.007	0.080	0.018
2	22:23:38	82.438%	0.468	0.576	81.270%	0.003	0.003	0.023	-0.033
3	22:24:19	83.575%	0.329	0.573	82.273%	-0.006	0.003	-0.025	-0.117
x		82.491%	0.484	0.567	81.063%	-0.002	-0.000	0.026	-0.044
σ		1.059%	0.163	0.014	1.326%	0.005	0.006	0.053	0.068
%RSD		1.283	33.690	2.467	1.635	265.800	1910.000	201.500	154.100

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	81.926%	2.810	0.928	0.918	167.700	166.600	87.054%	88.675%
2	22:23:38	84.287%	2.421	0.915	0.967	162.500	162.700	90.249%	91.291%
3	22:24:19	84.937%	2.659	0.858	0.806	163.000	165.200	91.416%	91.436%
x		83.717%	2.630	0.900	0.897	164.400	164.900	89.573%	90.467%
σ		1.584%	0.197	0.037	0.082	2.859	1.995	2.258%	1.554%
%RSD		1.893	7.473	4.134	9.201	1.739	1.210	2.521	1.718

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:56	-0.008	0.003	0.410	0.348	0.375	88.001%
2	22:23:38	0.017	0.005	0.356	0.371	0.354	89.953%
3	22:24:19	0.000	-0.008	0.357	0.338	0.369	90.528%
x		0.003	-0.000	0.375	0.352	0.366	89.494%
σ		0.013	0.007	0.031	0.017	0.011	1.325%
%RSD		391.100	22580.000	8.198	4.786	2.886	1.480

CCV 664806 12/29/2012 10:29:26 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	81.939%	101.000	99.280	96.110	0.000	48310.000	41900.000	42260.000
2	22:30:49	83.037%	103.700	92.380	97.050	0.000	47710.000	42120.000	42400.000
3	22:31:31	84.512%	99.580	96.170	96.460	0.000	47240.000	42090.000	42200.000
x		83.163%	101.402%	95.943%	96.538%	0.000	95.506%	84.070%	84.571%
σ		1.291%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.552	2.042	3.599	0.491	0.000	1.129	0.275	0.245

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	471.200	4928.000	0.000	48410.000	48370.000	47520.000	82.719%	94.280
2	22:30:49	469.200	4941.000	0.000	47960.000	48000.000	47830.000	83.918%	101.000
3	22:31:31	470.400	4911.000	0.000	47600.000	47330.000	47600.000	85.789%	96.310
x		94.057%	98.532%	0.000	95.982%	95.796%	95.299%	84.142%	97.182%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.548%	n/a
%RSD		0.211	0.299	0.000	0.843	1.099	0.341	1.839	3.519

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	96.040	97.670	477.000	24660.000	24200.000	97.890	96.950	99.850
2	22:30:49	98.810	98.020	482.700	24310.000	24480.000	99.220	99.350	100.100
3	22:31:31	97.950	98.000	479.900	23920.000	24160.000	98.370	101.400	99.180
x		97.601%	97.895%	95.975%	97.194%	97.118%	98.494%	99.228%	99.694%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.457	0.203	0.592	1.521	0.707	0.685	2.237	0.463

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	99.400	101.800	100.100	99.590	97.070	96.810	0.000	97.480
2	22:30:49	100.100	99.080	104.700	99.230	96.310	98.200	0.000	97.750
3	22:31:31	97.780	100.800	99.390	99.580	106.300	103.100	0.000	96.720
x		99.092%	100.569%	101.411%	99.465%	99.891%	99.375%	0.000	97.315%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.202	1.379	2.839	0.209	5.566	3.337	0.000	0.548

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	82.846%	98.190	99.240	81.251%	96.560	98.100	96.480	96.180
2	22:30:49	84.581%	99.030	99.730	84.005%	98.660	98.740	96.620	97.810
3	22:31:31	86.919%	102.400	102.500	85.015%	97.780	97.790	97.680	96.510
x		84.782%	99.889%	100.474%	83.424%	97.665%	98.208%	96.927%	96.837%
σ		2.044%	n/a	n/a	1.948%	n/a	n/a	n/a	n/a
%RSD		2.411	2.259	1.724	2.335	1.078	0.496	0.679	0.890

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	83.430%	98.710	98.890	99.040	98.540	98.080	87.071%	88.299%
2	22:30:49	85.851%	100.100	99.400	100.800	99.250	98.170	89.843%	92.217%
3	22:31:31	88.624%	98.770	100.000	98.300	96.110	97.870	92.751%	93.332%
x		85.969%	99.189%	99.443%	99.394%	97.964%	98.044%	89.889%	91.283%
σ		2.599%	n/a	n/a	n/a	n/a	n/a	2.841%	2.643%
%RSD		3.023	0.791	0.585	1.320	1.679	0.157	3.160	2.896

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:07	98.090	97.360	97.800	97.580	97.470	87.137%
2	22:30:49	98.020	97.920	99.510	97.390	98.490	90.501%
3	22:31:31	99.320	98.760	98.870	99.380	99.070	91.855%
x		98.477%	98.014%	98.728%	98.116%	98.343%	89.831%
σ		n/a	n/a	n/a	n/a	n/a	2.429%
%RSD		0.742	0.720	0.878	1.124	0.823	2.704

CCB7 12/29/2012 10:36:33 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	85.953%	-0.031	2.300	2.996	0.000	-22.080	20.160	20.320
2	22:37:57	85.306%	-0.031	1.936	2.970	0.000	34.410	53.090	47.450
3	22:38:38	86.766%	0.040	4.687	3.392	0.000	7.979	43.450	40.490
x		86.009%	-0.007	2.974	3.119	0.000	6.770	38.900	36.090
σ		0.732%	0.041	1.495	0.236	0.000	28.260	16.930	14.090
%RSD		0.851	557.900	50.250	7.577	0.000	417.500	43.530	39.040

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	-1.665	4.548	0.000	21.600	23.190	46.340	86.041%	0.215
2	22:37:57	1.963	7.640	0.000	46.050	143.100	108.300	86.293%	0.394
3	22:38:38	0.726	5.406	0.000	31.390	81.300	88.630	85.368%	0.217
x		0.341	5.865	0.000	33.010	82.530	81.110	85.901%	0.275
σ		1.844	1.596	0.000	12.310	59.970	31.680	0.478%	0.103
%RSD		540.500	27.220	0.000	37.270	72.670	39.060	0.557	37.440

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	0.088	0.016	0.342	30.540	38.240	0.032	0.129	0.152
2	22:37:57	0.145	0.073	0.825	39.750	52.440	0.093	0.187	0.208
3	22:38:38	0.088	0.088	0.709	34.270	42.390	0.102	0.089	0.214
x		0.107	0.059	0.625	34.850	44.360	0.075	0.135	0.191
σ		0.033	0.038	0.252	4.630	7.300	0.038	0.049	0.034
%RSD		30.810	64.660	40.350	13.290	16.460	50.030	36.370	17.630

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	0.237	0.390	0.410	0.138	0.705	0.950	0.000	0.514
2	22:37:57	0.133	0.541	0.809	-0.020	-0.929	0.004	0.000	1.131
3	22:38:38	0.300	0.777	0.423	-0.128	-1.473	-1.265	0.000	0.833
x		0.223	0.569	0.547	-0.004	-0.566	-0.104	0.000	0.826
σ		0.084	0.195	0.227	0.133	1.134	1.111	0.000	0.309
%RSD		37.620	34.210	41.420	3793.000	200.500	1073.000	0.000	37.380

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	85.064%	0.210	0.366	86.085%	0.016	0.046	0.092	-0.004
2	22:37:57	85.895%	0.391	0.420	87.026%	0.051	0.065	0.216	0.108
3	22:38:38	85.104%	0.419	0.315	87.108%	0.042	0.045	0.102	0.021
x		85.355%	0.340	0.367	86.740%	0.036	0.052	0.137	0.042
σ		0.469%	0.114	0.052	0.568%	0.018	0.011	0.069	0.059
%RSD		0.549	33.450	14.230	0.655	50.210	20.920	50.120	142.200

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	85.320%	1.319	0.216	0.274	0.295	0.147	86.170%	87.538%
2	22:37:57	86.511%	1.426	0.266	0.226	0.569	0.668	87.498%	88.182%
3	22:38:38	87.062%	1.290	0.201	0.211	0.562	0.439	88.602%	88.548%
x		86.298%	1.345	0.228	0.237	0.475	0.418	87.423%	88.089%
σ		0.891%	0.072	0.034	0.033	0.156	0.261	1.218%	0.511%
%RSD		1.032	5.339	15.030	13.890	32.840	62.430	1.393	0.580

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:15	0.048	0.056	0.052	0.087	0.063	89.583%
2	22:37:57	0.075	0.102	0.065	0.090	0.085	90.393%
3	22:38:38	0.064	0.059	0.061	0.078	0.068	90.474%
x		0.062	0.072	0.059	0.085	0.072	90.150%
σ		0.014	0.026	0.007	0.006	0.012	0.493%
%RSD		21.810	35.460	11.160	7.120	16.070	0.547

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	78.977%	0.008	108.500	110.600	0.000	68940.000	10590.000	10570.000
2	22:42:15	80.452%	0.007	113.000	108.400	0.000	67960.000	10500.000	10520.000
3	22:42:56	81.386%	-0.031	107.600	110.700	0.000	67420.000	10430.000	10510.000
x		80.271%	-0.005	109.700	109.900	0.000	68110.000	10500.000	10530.000
σ		1.215%	0.022	2.914	1.283	0.000	774.300	79.500	35.100
%RSD		1.513	423.500	2.656	1.167	0.000	1.137	0.757	0.333

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	258.800	9569.000	0.000	10950.000	74130.000	74550.000	78.608%	13.190
2	22:42:15	258.800	9579.000	0.000	10820.000	74650.000	74590.000	79.362%	14.690
3	22:42:56	264.100	9484.000	0.000	10750.000	70360.000	74490.000	79.840%	12.190
x		260.600	9544.000	0.000	10840.000	73050.000	74540.000	79.270%	13.360
σ		3.064	51.870	0.000	101.500	2342.000	51.080	0.621%	1.258
%RSD		1.176	0.543	0.000	0.936	3.206	0.069	0.783	9.414

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	3.651	2.128	155.500	820.900	1098.000	0.587	1.543	10.000
2	22:42:15	3.720	1.903	156.300	822.900	1113.000	0.472	1.187	9.947
3	22:42:56	3.717	2.069	156.900	818.000	1090.000	0.561	1.532	10.310
x		3.696	2.033	156.200	820.600	1100.000	0.540	1.421	10.090
σ		0.039	0.116	0.713	2.497	11.440	0.060	0.202	0.195
%RSD		1.065	5.721	0.456	0.304	1.040	11.140	14.240	1.934

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	9.823	39.080	38.400	2.740	-0.517	0.910	0.000	466.500
2	22:42:15	9.770	40.490	40.160	3.139	-0.577	1.909	0.000	469.200
3	22:42:56	10.490	39.930	39.570	3.084	-1.101	-0.547	0.000	469.300
x		10.030	39.830	39.380	2.987	-0.732	0.757	0.000	468.300
σ		0.401	0.714	0.894	0.216	0.322	1.236	0.000	1.591
%RSD		3.995	1.791	2.271	7.239	43.960	163.100	0.000	0.340

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	78.975%	2.803	2.719	76.962%	0.008	-0.002	0.199	0.052
2	22:42:15	80.503%	2.999	2.652	78.498%	-0.002	-0.002	0.028	0.035
3	22:42:56	81.624%	2.934	2.688	79.166%	0.003	-0.002	0.003	-0.044
x		80.367%	2.912	2.686	78.209%	0.003	-0.002	0.077	0.015
σ		1.330%	0.100	0.033	1.130%	0.005	0.000	0.107	0.051
%RSD		1.654	3.433	1.243	1.445	152.800	5.609	139.100	351.000

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	79.465%	1.891	1.079	1.131	56.920	59.170	84.357%	85.087%
2	22:42:15	81.522%	2.088	1.102	1.068	58.640	60.500	86.739%	87.332%
3	22:42:56	83.291%	1.790	1.128	1.004	58.000	58.520	86.351%	88.885%
x		81.426%	1.923	1.103	1.067	57.850	59.400	85.816%	87.101%
σ		1.915%	0.152	0.024	0.064	0.870	1.007	1.278%	1.909%
%RSD		2.352	7.884	2.219	5.952	1.504	1.696	1.489	2.192

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:33	0.010	0.017	2.132	2.040	2.114	87.042%
2	22:42:15	0.010	0.012	2.199	2.231	2.183	87.755%
3	22:42:56	0.012	0.017	2.187	2.290	2.164	88.295%
x		0.011	0.015	2.173	2.187	2.154	87.698%
σ		0.001	0.003	0.036	0.131	0.035	0.628%
%RSD		13.380	17.640	1.639	5.973	1.647	0.717

180-17219-A-11-A 12/29/2012 10:45:08 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	84.522%	-0.031	82.970	90.000	0.000	53710.000	22140.000	22270.000
2	22:46:31	85.132%	-0.031	89.990	90.570	0.000	53900.000	22480.000	22510.000
3	22:47:12	85.908%	-0.031	85.750	87.200	0.000	53620.000	22550.000	22550.000
x		85.187%	-0.031	86.240	89.260	0.000	53740.000	22390.000	22440.000
σ		0.695%	0.000	3.539	1.804	0.000	139.500	218.400	155.300
%RSD		0.816	0.000	4.104	2.021	0.000	0.260	0.976	0.692

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	2.395	6257.000	0.000	3290.000	75340.000	74530.000	85.188%	3.206
2	22:46:31	2.473	6301.000	0.000	3316.000	75530.000	75030.000	86.885%	2.482
3	22:47:12	2.077	6340.000	0.000	3342.000	75620.000	75170.000	87.373%	2.705
x		2.315	6299.000	0.000	3316.000	75500.000	74910.000	86.482%	2.798
σ		0.210	41.610	0.000	26.400	146.600	338.200	1.147%	0.371
%RSD		9.071	0.661	0.000	0.796	0.194	0.451	1.326	13.250

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	0.981	0.230	762.700	89660.000	89240.000	0.241	1.322	0.630
2	22:46:31	0.828	0.228	765.100	88320.000	89950.000	0.196	1.175	0.622
3	22:47:12	0.918	0.202	768.500	88530.000	90650.000	0.229	1.162	0.721
x		0.909	0.220	765.400	88840.000	89950.000	0.222	1.220	0.658
σ		0.077	0.016	2.946	721.100	704.400	0.023	0.089	0.055
%RSD		8.472	7.200	0.385	0.812	0.783	10.310	7.305	8.348

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	0.730	7.843	8.034	13.250	-0.647	-0.517	0.000	394.200
2	22:46:31	0.525	8.235	9.323	12.860	-1.316	0.437	0.000	393.500
3	22:47:12	0.500	8.420	8.486	13.830	1.561	0.504	0.000	398.800
x		0.585	8.166	8.614	13.310	-0.134	0.141	0.000	395.500
σ		0.126	0.294	0.654	0.488	1.505	0.571	0.000	2.903
%RSD		21.620	3.606	7.593	3.662	1124.000	403.800	0.000	0.734

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	84.480%	0.131	0.251	82.671%	0.007	0.018	0.072	0.017
2	22:46:31	87.546%	0.003	0.154	86.159%	0.002	-0.007	0.005	0.037
3	22:47:12	88.199%	-0.024	0.053	86.884%	-0.002	0.002	-0.049	-0.107
x		86.742%	0.037	0.153	85.238%	0.003	0.004	0.009	-0.017
σ		1.986%	0.083	0.099	2.252%	0.005	0.013	0.061	0.078
%RSD		2.289	224.500	64.920	2.642	183.900	281.100	666.000	447.300

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	84.905%	2.809	0.355	0.357	123.600	123.200	88.608%	90.103%
2	22:46:31	87.209%	3.204	0.413	0.278	122.500	125.400	91.367%	92.888%
3	22:47:12	89.025%	3.203	0.370	0.332	123.000	123.800	93.749%	93.855%
x		87.046%	3.072	0.379	0.322	123.000	124.100	91.241%	92.282%
σ		2.065%	0.228	0.030	0.040	0.533	1.145	2.573%	1.948%
%RSD		2.372	7.417	7.858	12.520	0.434	0.922	2.820	2.111

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:45:49	0.009	-0.003	0.420	0.439	0.433	90.291%
2	22:46:31	0.005	0.009	0.378	0.430	0.427	92.782%
3	22:47:12	-0.003	0.006	0.442	0.387	0.427	93.109%
x		0.004	0.004	0.413	0.419	0.429	92.061%
σ		0.006	0.007	0.032	0.027	0.003	1.542%
%RSD		167.400	159.300	7.849	6.568	0.762	1.675

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	90.229%	-0.031	1.895	3.114	0.000	-55.490	-0.114	0.727
2	22:50:47	91.357%	-0.031	3.301	2.263	0.000	-56.250	-0.429	-0.095
3	22:51:28	92.725%	-0.031	3.715	2.452	0.000	-49.410	0.517	0.894
x		91.437%	-0.031	2.970	2.610	0.000	-53.710	-0.009	0.509
σ		1.250%	0.000	0.954	0.447	0.000	3.751	0.482	0.529
%RSD		1.367	0.000	32.120	17.130	0.000	6.983	5534.000	104.000

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	-4.480	17.980	0.000	-0.427	6.875	10.660	91.567%	0.083
2	22:50:47	-4.377	16.540	0.000	-1.180	16.460	11.270	92.724%	-0.031
3	22:51:28	-4.508	15.080	0.000	2.286	30.830	12.590	93.243%	0.080
x		-4.455	16.530	0.000	0.226	18.060	11.500	92.511%	0.044
σ		0.069	1.452	0.000	1.823	12.060	0.987	0.858%	0.065
%RSD		1.554	8.785	0.000	806.000	66.770	8.580	0.927	148.700

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	-0.062	-0.149	0.036	108.500	130.300	-0.018	0.043	0.272
2	22:50:47	-0.068	-0.199	0.016	42.400	58.430	-0.026	0.078	0.253
3	22:51:28	-0.051	-0.096	0.059	26.290	30.870	-0.005	0.096	0.222
x		-0.060	-0.148	0.037	59.060	73.210	-0.016	0.072	0.249
σ		0.008	0.052	0.022	43.560	51.350	0.011	0.027	0.025
%RSD		13.670	34.860	59.340	73.750	70.140	65.260	37.390	10.140

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	0.485	3.371	3.926	-0.313	-1.126	-1.365	0.000	0.017
2	22:50:47	0.455	3.702	4.150	-0.181	-0.864	-0.663	0.000	0.020
3	22:51:28	0.320	4.164	3.648	-0.209	-1.098	-0.257	0.000	0.044
x		0.420	3.746	3.908	-0.234	-1.029	-0.762	0.000	0.027
σ		0.088	0.399	0.252	0.070	0.144	0.561	0.000	0.015
%RSD		20.870	10.640	6.434	29.700	13.960	73.610	0.000	56.330

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	91.690%	-0.225	-0.103	93.565%	-0.002	-0.002	-0.028	-0.101
2	22:50:47	93.520%	-0.204	-0.127	94.856%	0.002	0.011	-0.009	-0.070
3	22:51:28	94.315%	-0.182	-0.121	95.552%	0.014	0.002	0.028	-0.028
x		93.175%	-0.204	-0.117	94.658%	0.004	0.003	-0.003	-0.066
σ		1.346%	0.021	0.013	1.008%	0.008	0.007	0.028	0.037
%RSD		1.444	10.560	10.770	1.065	192.400	203.600	1049.000	55.190

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	92.144%	0.802	0.143	0.115	-0.070	-0.009	93.505%	93.876%
2	22:50:47	93.981%	0.265	0.140	0.095	-0.047	0.018	94.457%	95.132%
3	22:51:28	95.757%	0.438	0.128	0.099	-0.025	0.044	95.551%	95.890%
x		93.961%	0.502	0.137	0.103	-0.047	0.017	94.504%	94.966%
σ		1.807%	0.274	0.008	0.011	0.022	0.026	1.024%	1.017%
%RSD		1.923	54.630	5.687	10.410	47.450	152.200	1.083	1.071

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:05	0.007	0.000	0.006	0.011	0.015	95.195%
2	22:50:47	-0.001	-0.006	-0.007	0.004	0.005	96.376%
3	22:51:28	-0.006	0.007	0.011	0.007	0.010	97.104%
x		-0.000	0.000	0.003	0.007	0.010	96.225%
σ		0.007	0.007	0.010	0.004	0.005	0.963%
%RSD		9076.000	1722.000	298.500	53.030	48.860	1.001

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	92.140%	-0.031	1.600	2.242	0.000	78.480	9.583	9.609
2	22:55:04	91.851%	-0.031	1.607	1.921	0.000	79.320	10.220	8.653
3	22:55:46	92.356%	-0.031	2.786	2.072	0.000	80.430	7.688	9.455
x		92.116%	-0.031	1.998	2.078	0.000	79.410	9.164	9.239
σ		0.254%	0.000	0.683	0.161	0.000	0.980	1.318	0.513
%RSD		0.275	0.000	34.180	7.723	0.000	1.234	14.380	5.554

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	-0.787	17.440	0.000	32.970	241.200	213.900	92.147%	0.307
2	22:55:04	-0.160	19.340	0.000	32.880	148.200	205.600	92.325%	0.532
3	22:55:46	-0.729	18.150	0.000	33.980	236.600	213.100	91.993%	0.139
x		-0.559	18.310	0.000	33.280	208.700	210.800	92.155%	0.326
σ		0.346	0.959	0.000	0.612	52.450	4.588	0.166%	0.197
%RSD		62.010	5.238	0.000	1.839	25.140	2.176	0.180	60.520

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	0.037	0.215	0.429	30.970	38.310	-0.004	0.640	0.727
2	22:55:04	-0.024	0.174	0.402	25.630	34.780	0.003	0.716	1.164
3	22:55:46	-0.088	0.169	0.425	23.350	30.180	-0.008	0.905	0.675
x		-0.025	0.186	0.419	26.650	34.420	-0.003	0.754	0.856
σ		0.063	0.025	0.014	3.908	4.077	0.005	0.136	0.269
%RSD		249.300	13.630	3.451	14.670	11.850	179.700	18.090	31.410

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	0.881	6.764	5.910	-0.184	-0.902	-0.796	0.000	0.325
2	22:55:04	0.843	6.493	6.003	0.048	-1.542	0.267	0.000	0.297
3	22:55:46	1.072	6.887	6.479	-0.205	1.044	-0.447	0.000	0.386
x		0.932	6.715	6.131	-0.114	-0.467	-0.325	0.000	0.336
σ		0.123	0.201	0.305	0.140	1.347	0.542	0.000	0.045
%RSD		13.200	2.998	4.972	123.500	288.600	166.700	0.000	13.520

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	91.113%	-0.083	-0.093	91.873%	-0.002	-0.002	0.159	0.060
2	22:55:04	90.875%	0.104	-0.043	92.462%	-0.006	0.007	0.013	-0.002
3	22:55:46	90.810%	-0.130	-0.129	92.627%	0.002	-0.007	0.150	0.082
x		90.933%	-0.036	-0.088	92.321%	-0.002	-0.001	0.107	0.047
σ		0.159%	0.124	0.043	0.397%	0.004	0.007	0.082	0.044
%RSD		0.175	341.900	48.850	0.430	181.900	740.000	76.110	93.550

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	91.080%	1.328	0.113	0.111	0.174	0.249	91.115%	92.000%
2	22:55:04	91.505%	1.555	0.130	0.105	0.172	0.119	91.918%	92.856%
3	22:55:46	91.509%	1.290	0.139	0.086	0.026	0.104	93.615%	92.779%
x		91.365%	1.391	0.127	0.101	0.124	0.157	92.216%	92.545%
σ		0.247%	0.143	0.014	0.013	0.085	0.080	1.276%	0.473%
%RSD		0.270	10.310	10.680	12.870	68.360	50.800	1.384	0.512

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:22	0.002	0.001	0.042	0.093	0.085	93.914%
2	22:55:04	-0.003	0.000	0.077	0.070	0.094	94.501%
3	22:55:46	-0.014	-0.003	0.081	0.056	0.079	93.623%
x		-0.005	-0.001	0.067	0.073	0.086	94.013%
σ		0.008	0.002	0.022	0.019	0.008	0.447%
%RSD		164.700	316.800	32.340	25.350	8.926	0.475

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	88.555%	-0.031	0.733	0.959	0.000	-59.920	-2.576	-1.941
2	23:02:54	89.436%	-0.031	0.846	0.652	0.000	-56.620	-2.189	-1.839
3	23:03:36	89.057%	-0.031	1.733	1.501	0.000	-52.330	-0.316	0.579
x		89.016%	-0.031	1.104	1.037	0.000	-56.290	-1.694	-1.067
σ		0.442%	0.000	0.548	0.430	0.000	3.805	1.209	1.426
%RSD		0.496	0.000	49.620	41.420	0.000	6.759	71.390	133.600

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	-4.967	5.901	0.000	24.430	-2.960	-3.463	79.495%	-0.022
2	23:02:54	-5.030	2.611	0.000	24.630	-2.960	-1.969	78.249%	-0.021
3	23:03:36	-4.524	4.617	0.000	24.740	8.600	3.723	77.314%	-0.087
x		-4.840	4.376	0.000	24.600	0.893	-0.570	78.353%	-0.043
σ		0.276	1.658	0.000	0.157	6.674	3.792	1.094%	0.038
%RSD		5.698	37.890	0.000	0.638	747.200	665.800	1.396	87.480

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	-0.278	0.038	-0.052	3.473	6.571	-0.008	0.121	0.285
2	23:02:54	-0.098	0.039	-0.051	2.331	6.074	-0.020	0.080	0.222
3	23:03:36	-0.880	0.006	0.018	4.249	8.779	-0.007	0.082	0.110
x		-0.419	0.028	-0.029	3.351	7.141	-0.012	0.094	0.205
σ		0.410	0.019	0.040	0.965	1.440	0.007	0.023	0.089
%RSD		97.840	66.600	140.700	28.800	20.160	60.190	24.710	43.230

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	0.382	0.091	-0.012	0.381	-0.457	-0.458	0.000	-0.048
2	23:02:54	0.129	0.052	0.135	-0.029	-1.637	-0.309	0.000	-0.045
3	23:03:36	0.444	-0.091	-0.071	-0.605	-0.489	0.277	0.000	0.044
x		0.318	0.018	0.017	-0.084	-0.861	-0.164	0.000	-0.016
σ		0.167	0.096	0.106	0.495	0.672	0.388	0.000	0.052
%RSD		52.350	546.300	617.600	587.600	78.090	237.300	0.000	323.200

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	80.531%	-0.251	-0.178	80.724%	-0.006	-0.007	0.107	0.012
2	23:02:54	79.183%	-0.210	-0.177	80.507%	-0.002	0.008	-0.178	-0.197
3	23:03:36	78.602%	-0.128	-0.143	79.508%	-0.002	0.003	-0.090	-0.018
x		79.438%	-0.196	-0.166	80.246%	-0.003	0.002	-0.054	-0.068
σ		0.990%	0.063	0.020	0.649%	0.003	0.008	0.146	0.113
%RSD		1.246	32.090	12.150	0.808	83.950	488.300	271.800	166.500

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	81.352%	5.481	0.066	0.081	-0.064	-0.034	84.814%	85.368%
2	23:02:54	81.769%	4.233	0.086	0.034	-0.037	-0.050	83.621%	84.896%
3	23:03:36	81.255%	4.425	0.092	0.074	0.097	-0.002	83.673%	84.836%
x		81.459%	4.713	0.081	0.063	-0.001	-0.029	84.036%	85.033%
σ		0.273%	0.672	0.014	0.025	0.086	0.024	0.675%	0.292%
%RSD		0.335	14.260	17.000	40.330	7183.000	84.690	0.803	0.343

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:13	-0.008	-0.008	0.008	-0.017	-0.000	89.708%
2	23:02:54	0.007	0.002	-0.009	-0.001	-0.001	87.362%
3	23:03:36	-0.004	-0.001	-0.005	0.019	0.000	86.619%
x		-0.002	-0.002	-0.002	-0.000	-0.000	87.896%
σ		0.008	0.005	0.009	0.018	0.001	1.613%
%RSD		436.000	211.600	410.500	120000.000	240.800	1.835

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	93.104%	51.460	1009.000	958.100	0.000	44830.000	38610.000	39060.000
2	23:07:13	96.731%	49.570	1012.000	964.000	0.000	43940.000	38850.000	39000.000
3	23:07:54	97.636%	51.400	1007.000	963.000	0.000	43850.000	38900.000	39070.000
x		95.824%	50.810	1010.000	961.700	0.000	44210.000	38790.000	39040.000
σ		2.398%	1.074	2.564	3.172	0.000	545.300	154.700	36.800
%RSD		2.503	2.114	0.254	0.330	0.000	1.234	0.399	0.094

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	1742.000	8821.000	0.000	47030.000	46630.000	46270.000	71.885%	951.200
2	23:07:13	1735.000	8791.000	0.000	46310.000	47190.000	46430.000	73.604%	944.400
3	23:07:54	1738.000	8792.000	0.000	46000.000	46870.000	46430.000	74.444%	940.300
x		1738.000	8801.000	0.000	46440.000	46900.000	46380.000	73.311%	945.300
σ		3.199	17.050	0.000	528.700	282.300	88.550	1.305%	5.490
%RSD		0.184	0.194	0.000	1.138	0.602	0.191	1.780	0.581

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	477.900	197.800	477.900	818.200	1077.000	480.200	478.300	236.700
2	23:07:13	475.000	198.100	481.800	814.400	1063.000	482.900	472.000	239.500
3	23:07:54	473.400	197.000	481.800	816.400	1081.000	482.800	482.300	237.700
x		475.400	197.600	480.500	816.300	1074.000	482.000	477.500	238.000
σ		2.308	0.586	2.242	1.927	9.368	1.515	5.195	1.415
%RSD		0.485	0.297	0.467	0.236	0.873	0.314	1.088	0.595

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	232.700	481.200	496.100	35.430	11.630	7.704	0.000	945.600
2	23:07:13	238.600	486.900	489.100	37.550	8.502	9.950	0.000	950.500
3	23:07:54	239.800	493.900	491.600	35.550	7.351	7.180	0.000	958.600
x		237.000	487.300	492.300	36.180	9.162	8.278	0.000	951.600
σ		3.788	6.362	3.556	1.191	2.216	1.471	0.000	6.549
%RSD		1.598	1.306	0.723	3.293	24.180	17.770	0.000	0.688

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	72.262%	987.800	997.600	70.232%	48.970	48.670	49.200	41.650
2	23:07:13	74.856%	990.800	999.200	73.241%	49.280	47.440	51.070	40.420
3	23:07:54	75.432%	997.900	1004.000	74.519%	49.170	47.280	49.030	40.560
x		74.183%	992.200	1000.000	72.664%	49.140	47.800	49.770	40.880
σ		1.688%	5.177	3.186	2.201%	0.157	0.762	1.133	0.673
%RSD		2.276	0.522	0.319	3.029	0.318	1.594	2.276	1.646

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	74.037%	1952.000	484.000	481.600	1905.000	1892.000	80.512%	81.779%
2	23:07:13	77.125%	1963.000	487.900	482.600	1901.000	1903.000	83.837%	85.628%
3	23:07:54	79.687%	1921.000	482.700	484.600	1895.000	1876.000	85.797%	86.995%
x		76.950%	1946.000	484.900	483.000	1900.000	1890.000	83.382%	84.801%
σ		2.829%	21.670	2.669	1.533	5.230	13.240	2.672%	2.704%
%RSD		3.677	1.114	0.550	0.317	0.275	0.701	3.205	3.189

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:31	48.140	47.950	20.380	20.180	20.330	79.853%
2	23:07:13	48.640	48.610	20.260	19.670	20.180	83.646%
3	23:07:54	49.510	48.320	20.210	20.420	20.080	86.288%
x		48.760	48.290	20.280	20.090	20.190	83.262%
σ		0.691	0.329	0.085	0.384	0.127	3.235%
%RSD		1.417	0.681	0.417	1.910	0.628	3.885

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	100.670%	-0.031	92.100	85.770	0.000	103500.000	34270.000	34650.000
2	23:11:31	104.042%	-0.001	86.760	88.360	0.000	102400.000	34510.000	34840.000
3	23:12:12	107.332%	-0.031	95.710	86.290	0.000	101600.000	34410.000	34550.000
x		104.014%	-0.021	91.520	86.810	0.000	102500.000	34390.000	34680.000
σ		3.331%	0.017	4.502	1.371	0.000	974.500	119.300	145.300
%RSD		3.202	83.750	4.919	1.579	0.000	0.951	0.347	0.419

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	-1.952	6234.000	0.000	10220.000	124200.000	124600.000	76.795%	2.009
2	23:11:31	-2.783	6261.000	0.000	10200.000	125400.000	126000.000	78.050%	1.775
3	23:12:12	-3.261	6242.000	0.000	10140.000	132000.000	126100.000	78.677%	1.959
x		-2.665	6246.000	0.000	10190.000	127200.000	125600.000	77.841%	1.914
σ		0.663	13.510	0.000	43.300	4181.000	859.900	0.959%	0.123
%RSD		24.860	0.216	0.000	0.425	3.286	0.685	1.232	6.446

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	-9.172	2.149	71.920	886.700	1253.000	0.423	1.238	2.011
2	23:11:31	-9.851	2.303	73.050	895.700	1247.000	0.356	1.400	1.714
3	23:12:12	-11.550	2.457	72.650	894.800	1240.000	0.370	1.627	1.874
x		-10.190	2.303	72.540	892.400	1247.000	0.383	1.422	1.866
σ		1.224	0.154	0.574	4.963	6.517	0.036	0.196	0.148
%RSD		12.010	6.698	0.792	0.556	0.523	9.307	13.760	7.949

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	2.188	10.900	12.250	-1.456	9.166	7.980	0.000	437.100
2	23:11:31	2.552	10.990	11.790	0.604	6.581	7.114	0.000	437.800
3	23:12:12	2.014	12.380	11.860	2.049	5.691	6.610	0.000	436.800
x		2.251	11.420	11.970	0.399	7.146	7.235	0.000	437.200
σ		0.275	0.829	0.245	1.762	1.805	0.693	0.000	0.502
%RSD		12.200	7.258	2.050	441.600	25.260	9.576	0.000	0.115

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	76.690%	3.599	3.295	73.688%	0.004	-0.002	-0.113	-0.218
2	23:11:31	78.999%	1.991	2.250	75.939%	-0.002	0.004	-0.009	-0.191
3	23:12:12	78.990%	1.544	1.246	76.377%	0.003	0.009	-0.114	-0.166
x		78.226%	2.378	2.264	75.334%	0.002	0.004	-0.079	-0.191
σ		1.331%	1.081	1.024	1.443%	0.003	0.005	0.060	0.026
%RSD		1.701	45.460	45.250	1.915	158.800	142.800	76.270	13.640

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	78.994%	16.360	0.344	0.342	10.030	11.100	86.131%	86.416%
2	23:11:31	82.383%	12.520	0.294	0.223	10.530	10.300	87.983%	89.494%
3	23:12:12	82.099%	10.600	0.233	0.210	9.727	10.570	88.328%	90.159%
x		81.159%	13.160	0.290	0.259	10.100	10.660	87.481%	88.690%
σ		1.880%	2.932	0.055	0.073	0.407	0.404	1.181%	1.997%
%RSD		2.317	22.280	19.060	28.100	4.029	3.794	1.350	2.251

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:49	0.375	0.441	0.070	0.105	0.084	81.970%
2	23:11:31	0.289	0.260	0.097	0.047	0.087	86.487%
3	23:12:12	0.203	0.216	0.073	0.059	0.084	86.067%
x		0.289	0.305	0.080	0.070	0.085	84.841%
σ		0.086	0.119	0.015	0.031	0.002	2.496%
%RSD		29.680	39.040	18.510	43.930	2.192	2.942

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	88.659%	0.004	46.630	47.510	0.000	62500.000	35930.000	36160.000
2	23:15:49	89.125%	-0.031	47.910	48.810	0.000	62060.000	36070.000	36110.000
3	23:16:31	88.700%	-0.031	47.750	50.270	0.000	61600.000	35920.000	36070.000
x		88.828%	-0.019	47.430	48.860	0.000	62050.000	35980.000	36110.000
σ		0.258%	0.020	0.694	1.384	0.000	452.700	83.920	41.110
%RSD		0.291	106.800	1.464	2.832	0.000	0.730	0.233	0.114

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	4.161	9331.000	0.000	1542.000	39600.000	38840.000	68.573%	2.183
2	23:15:49	3.786	9315.000	0.000	1537.000	40220.000	38950.000	68.962%	2.696
3	23:16:31	3.788	9273.000	0.000	1535.000	39770.000	39020.000	68.729%	1.724
x		3.912	9306.000	0.000	1538.000	39860.000	38940.000	68.755%	2.201
σ		0.216	30.100	0.000	3.545	319.800	95.640	0.196%	0.486
%RSD		5.518	0.323	0.000	0.230	0.802	0.246	0.284	22.090

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	-4.085	0.734	432.900	24610.000	24750.000	0.827	0.807	1.786
2	23:15:49	-5.107	0.798	435.400	24360.000	24730.000	0.762	0.370	2.204
3	23:16:31	-5.965	0.692	432.200	24190.000	24700.000	0.722	0.451	2.221
x		-5.053	0.741	433.500	24380.000	24730.000	0.770	0.543	2.070
σ		0.941	0.054	1.663	211.900	22.070	0.053	0.233	0.246
%RSD		18.630	7.217	0.384	0.869	0.089	6.934	42.880	11.900

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	1.616	6.586	6.586	4.193	-1.146	0.359	0.000	301.700
2	23:15:49	1.518	5.863	6.428	1.019	-0.083	-0.891	0.000	299.400
3	23:16:31	1.720	6.206	5.600	3.200	-0.636	-0.477	0.000	301.500
x		1.618	6.218	6.205	2.804	-0.622	-0.336	0.000	300.800
σ		0.101	0.362	0.529	1.623	0.532	0.636	0.000	1.265
%RSD		6.243	5.813	8.533	57.900	85.550	189.300	0.000	0.421

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	69.427%	1.839	1.982	68.904%	0.010	-0.001	0.045	-0.139
2	23:15:49	70.898%	1.843	2.098	70.120%	0.004	-0.001	0.028	-0.072
3	23:16:31	70.871%	1.918	1.630	70.197%	0.010	-0.007	0.023	-0.061
x		70.399%	1.866	1.903	69.740%	0.008	-0.003	0.032	-0.090
σ		0.842%	0.045	0.244	0.725%	0.003	0.003	0.011	0.042
%RSD		1.196	2.401	12.800	1.040	39.940	108.500	35.680	46.570

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	73.013%	9.741	0.253	0.189	589.200	581.900	78.963%	80.487%
2	23:15:49	74.333%	8.705	0.152	0.134	591.600	581.800	81.543%	82.678%
3	23:16:31	75.049%	8.440	0.173	0.161	593.500	581.900	81.283%	83.346%
x		74.132%	8.962	0.193	0.161	591.400	581.900	80.597%	82.170%
σ		1.033%	0.687	0.053	0.028	2.201	0.051	1.420%	1.495%
%RSD		1.393	7.668	27.690	17.090	0.372	0.009	1.762	1.820

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:15:07	0.175	0.123	0.164	0.168	0.164	78.599%
2	23:15:49	0.117	0.090	0.170	0.155	0.159	80.759%
3	23:16:31	0.085	0.067	0.149	0.102	0.159	81.798%
x		0.126	0.093	0.161	0.142	0.161	80.385%
σ		0.046	0.028	0.011	0.035	0.003	1.632%
%RSD		36.270	30.330	6.732	24.890	1.695	2.031

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	92.829%	0.070	81.130	82.390	0.000	40510.000	16300.000	16370.000
2	23:20:06	96.133%	0.067	89.930	83.210	0.000	40380.000	16450.000	16510.000
3	23:20:47	97.209%	0.066	89.090	82.100	0.000	40690.000	16610.000	16640.000
x		95.390%	0.067	86.720	82.570	0.000	40530.000	16450.000	16510.000
σ		2.282%	0.002	4.858	0.574	0.000	156.700	154.000	136.200
%RSD		2.393	3.374	5.602	0.695	0.000	0.387	0.936	0.825

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	43.940	5063.000	0.000	3976.000	44400.000	43100.000	70.847%	1.303
2	23:20:06	44.860	5076.000	0.000	4028.000	44710.000	43660.000	72.304%	1.633
3	23:20:47	45.150	5117.000	0.000	4038.000	44840.000	43650.000	72.807%	1.763
x		44.650	5085.000	0.000	4014.000	44650.000	43470.000	71.986%	1.567
σ		0.630	28.070	0.000	33.340	227.700	321.800	1.018%	0.237
%RSD		1.411	0.552	0.000	0.831	0.510	0.740	1.414	15.150

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	-5.891	2.650	16.940	73.340	142.400	0.624	3.878	2.016
2	23:20:06	-4.529	2.990	17.640	65.990	137.900	0.579	2.944	2.162
3	23:20:47	-7.517	3.043	17.930	64.180	137.700	0.551	3.423	2.272
x		-5.979	2.894	17.500	67.840	139.300	0.585	3.415	2.150
σ		1.495	0.214	0.511	4.847	2.650	0.036	0.467	0.128
%RSD		25.010	7.382	2.918	7.145	1.902	6.216	13.680	5.964

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	1.914	20.540	22.000	-1.097	-0.365	-0.247	0.000	202.800
2	23:20:06	2.105	21.430	23.070	0.468	0.878	0.654	0.000	206.400
3	23:20:47	1.593	20.450	21.460	-0.529	-1.393	-1.154	0.000	204.300
x		1.871	20.800	22.180	-0.386	-0.294	-0.249	0.000	204.500
σ		0.259	0.543	0.819	0.793	1.137	0.904	0.000	1.815
%RSD		13.850	2.608	3.692	205.200	387.400	363.300	0.000	0.887

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	73.872%	0.155	0.018	71.216%	-0.001	-0.007	0.127	0.052
2	23:20:06	75.285%	-0.129	0.039	72.538%	-0.001	-0.001	0.088	0.091
3	23:20:47	76.421%	0.011	-0.063	73.512%	-0.001	0.004	-0.166	-0.071
x		75.193%	0.012	-0.002	72.422%	-0.001	-0.001	0.016	0.024
σ		1.277%	0.142	0.054	1.153%	0.000	0.005	0.159	0.085
%RSD		1.698	1183.000	3033.000	1.592	7.291	368.900	972.000	355.500

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	75.592%	5.024	0.050	0.088	78.080	76.030	82.290%	82.510%
2	23:20:06	77.803%	5.821	0.166	0.141	76.470	76.850	83.689%	85.430%
3	23:20:47	78.925%	4.781	0.127	0.097	79.370	78.020	84.677%	86.179%
x		77.440%	5.209	0.114	0.109	77.970	76.970	83.552%	84.706%
σ		1.696%	0.544	0.059	0.028	1.455	1.000	1.199%	1.939%
%RSD		2.190	10.450	52.020	25.720	1.866	1.300	1.435	2.289

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:24	0.078	0.063	0.107	0.087	0.089	79.871%
2	23:20:06	0.061	0.055	0.050	0.065	0.073	84.036%
3	23:20:47	0.064	0.048	0.064	0.090	0.078	83.781%
x		0.068	0.055	0.074	0.081	0.080	82.563%
σ		0.009	0.008	0.030	0.014	0.008	2.335%
%RSD		13.020	14.430	40.310	16.830	10.510	2.828

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:40	101.459%	-0.031	115.600	109.900	0.000	269700.000	45060.000	45190.000
2	23:24:21	104.073%	-0.031	117.200	110.500	0.000	266800.000	45500.000	45700.000
3	23:25:03	104.915%	-0.031	119.300	114.800	0.000	265600.000	45530.000	45780.000
x		103.482%	-0.031	117.400	111.700	0.000	267400.000	45360.000	45560.000
σ		1.802%	0.000	1.864	2.710	0.000	2145.000	261.500	322.500
%RSD		1.741	0.000	1.588	2.425	0.000	0.802	0.577	0.708
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:40	-3.470	3676.000	0.000	13190.000	200900.000	204700.000	75.984%	0.870
2	23:24:21	-3.941	3680.000	0.000	13070.000	203700.000	208400.000	77.150%	0.720
3	23:25:03	-3.975	3660.000	0.000	12960.000	201800.000	208400.000	77.676%	0.715
x		-3.795	3672.000	0.000	13070.000	202100.000	207200.000	76.937%	0.768
σ		0.282	10.930	0.000	115.300	1407.000	2113.000	0.866%	0.088
%RSD		7.438	0.298	0.000	0.882	0.696	1.020	1.126	11.440
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:40	-6.897	2.897	24.520	27.420	284.200	0.235	8.062	3.032
2	23:24:21	-9.042	3.159	25.010	27.790	263.700	0.276	7.925	2.307
3	23:25:03	-8.944	3.201	24.860	28.170	276.800	0.258	8.171	2.185
x		-8.294	3.086	24.790	27.790	274.900	0.256	8.053	2.508
σ		1.211	0.165	0.249	0.377	10.390	0.021	0.123	0.458
%RSD		14.600	5.332	1.003	1.355	3.780	8.154	1.532	18.250
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:40	2.196	4.861	5.231	-1.295	0.930	1.254	0.000	764.600
2	23:24:21	2.036	5.401	6.873	0.115	0.944	1.294	0.000	770.000
3	23:25:03	2.446	5.591	5.745	-1.577	1.425	0.806	0.000	772.900
x		2.226	5.284	5.950	-0.919	1.100	1.118	0.000	769.200
σ		0.206	0.379	0.840	0.907	0.282	0.271	0.000	4.193
%RSD		9.272	7.174	14.110	98.670	25.610	24.240	0.000	0.545
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:40	75.586%	0.062	0.089	71.047%	0.004	0.004	0.237	0.231
2	23:24:21	77.504%	-0.005	0.087	73.120%	0.004	0.010	0.170	0.094
3	23:25:03	77.806%	0.049	0.188	73.951%	-0.006	-0.002	0.181	0.126
x		76.965%	0.035	0.121	72.706%	0.000	0.004	0.196	0.150
σ		1.204%	0.036	0.058	1.496%	0.006	0.006	0.036	0.072
%RSD		1.565	101.100	47.890	2.057	1256.000	134.800	18.330	47.780
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:40	76.634%	5.320	0.092	0.101	246.300	241.000	83.533%	83.952%
2	23:24:21	78.316%	5.761	0.159	0.077	248.800	245.800	86.318%	86.861%
3	23:25:03	79.062%	5.634	0.083	0.069	248.200	246.700	87.249%	88.884%
x		78.004%	5.572	0.112	0.082	247.700	244.500	85.700%	86.566%
σ		1.243%	0.227	0.041	0.016	1.325	3.083	1.933%	2.479%
%RSD		1.594	4.075	37.140	19.940	0.535	1.261	2.256	2.864
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:23:40	0.058	0.059	0.040	0.033	0.033	77.417%		
2	23:24:21	0.039	0.037	0.033	0.021	0.034	81.827%		
3	23:25:03	0.032	0.054	0.029	0.012	0.036	82.609%		
x		0.043	0.050	0.034	0.022	0.034	80.618%		
σ		0.013	0.012	0.006	0.010	0.002	2.799%		
%RSD		31.300	23.770	17.100	46.100	4.498	3.472		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	75.630%	104.500	96.980	92.790	0.000	47810.000	41230.000	41500.000
2	23:31:27	79.028%	102.800	98.820	95.020	0.000	47110.000	41060.000	41260.000
3	23:32:09	79.050%	104.100	88.260	97.770	0.000	47120.000	41490.000	41760.000
x		77.903%	103.793%	94.688%	95.194%	0.000	94.694%	82.517%	83.018%
σ		1.968%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.527	0.864	5.957	2.616	0.000	0.838	0.523	0.604

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	460.300	4821.000	0.000	48280.000	47040.000	47200.000	73.529%	97.780
2	23:31:27	455.900	4854.000	0.000	47870.000	48420.000	47150.000	75.489%	96.370
3	23:32:09	463.300	4864.000	0.000	47820.000	47540.000	47330.000	76.985%	104.000
x		91.968%	96.928%	0.000	95.984%	95.334%	94.455%	75.334%	99.383%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.734%	n/a
%RSD		0.808	0.470	0.000	0.524	1.460	0.200	2.301	4.088

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	94.490	96.690	476.600	24450.000	24110.000	98.210	97.460	101.000
2	23:31:27	95.930	98.250	479.600	24290.000	24350.000	99.220	100.800	101.600
3	23:32:09	97.180	98.960	481.500	24260.000	24490.000	98.520	99.670	103.200
x		95.865%	97.964%	95.849%	97.329%	97.255%	98.648%	99.320%	101.922%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.404	1.183	0.524	0.415	0.791	0.526	1.728	1.088

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	100.000	102.300	103.200	99.420	87.740	98.000	0.000	97.360
2	23:31:27	100.400	101.100	102.200	98.150	100.100	97.550	0.000	97.120
3	23:32:09	103.300	100.600	98.550	100.700	97.740	102.000	0.000	96.720
x		101.258%	101.310%	101.305%	99.435%	95.191%	99.169%	0.000	97.070%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.785	0.846	2.400	1.298	6.888	2.446	0.000	0.332

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	74.215%	97.940	98.310	73.337%	97.450	98.300	97.630	97.310
2	23:31:27	76.919%	98.020	102.400	75.987%	97.770	98.720	98.300	96.710
3	23:32:09	78.385%	102.300	101.300	77.765%	98.270	98.620	99.890	97.010
x		76.507%	99.429%	100.686%	75.696%	97.834%	98.547%	98.608%	97.010%
σ		2.115%	n/a	n/a	2.229%	n/a	n/a	n/a	n/a
%RSD		2.765	2.523	2.109	2.944	0.422	0.225	1.180	0.310

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	76.458%	98.990	98.500	98.360	95.990	96.180	80.706%	80.768%
2	23:31:27	79.218%	99.770	99.350	97.970	97.050	96.740	84.155%	85.215%
3	23:32:09	80.762%	100.300	97.050	97.790	97.850	97.400	85.077%	86.507%
x		78.812%	99.698%	98.304%	98.040%	96.961%	96.772%	83.313%	84.163%
σ		2.180%	n/a	n/a	n/a	n/a	n/a	2.304%	3.011%
%RSD		2.767	0.678	1.184	0.294	0.962	0.634	2.766	3.577

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:45	101.300	100.800	102.900	102.100	102.600	78.003%
2	23:31:27	101.100	101.600	102.200	102.000	102.500	81.456%
3	23:32:09	100.400	100.500	101.600	102.400	101.800	83.386%
x		100.935%	100.982%	102.219%	102.165%	102.308%	80.948%
σ		n/a	n/a	n/a	n/a	n/a	2.727%
%RSD		0.434	0.599	0.649	0.247	0.395	3.369

CCB8 12/29/2012 11:37:12 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	89.084%	-0.031	0.838	1.742	0.000	-30.050	21.910	21.630
2	23:38:35	90.198%	0.037	2.904	1.711	0.000	-18.980	26.790	27.520
3	23:39:17	90.701%	0.037	0.073	1.551	0.000	-35.750	20.700	21.330
x		89.994%	0.014	1.271	1.668	0.000	-28.260	23.130	23.490
σ		0.828%	0.039	1.464	0.102	0.000	8.529	3.226	3.491
%RSD		0.920	270.900	115.200	6.128	0.000	30.180	13.950	14.860

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	-1.821	2.459	0.000	9.968	39.860	47.140	83.805%	0.161
2	23:38:35	-1.014	2.811	0.000	15.260	87.480	55.460	84.284%	0.221
3	23:39:17	-2.083	2.860	0.000	4.170	65.590	49.780	85.051%	0.157
x		-1.639	2.710	0.000	9.801	64.310	50.790	84.380%	0.180
σ		0.557	0.219	0.000	5.549	23.840	4.252	0.628%	0.036
%RSD		33.980	8.074	0.000	56.620	37.070	8.372	0.745	19.960

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	0.108	0.025	0.356	17.440	27.650	0.050	0.176	0.489
2	23:38:35	0.227	0.018	0.427	16.470	26.690	0.041	0.153	0.534
3	23:39:17	0.078	-0.023	0.377	12.000	20.830	0.049	0.173	0.331
x		0.138	0.007	0.387	15.300	25.060	0.047	0.167	0.451
σ		0.079	0.026	0.036	2.898	3.695	0.005	0.012	0.107
%RSD		57.210	374.900	9.315	18.940	14.750	9.669	7.216	23.650

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	0.189	0.484	0.335	-0.065	-0.336	-0.015	0.000	0.470
2	23:38:35	0.352	0.503	0.353	-0.280	-0.469	-0.980	0.000	0.752
3	23:39:17	0.432	0.338	0.426	-0.406	-1.652	-1.393	0.000	0.502
x		0.325	0.442	0.372	-0.250	-0.819	-0.796	0.000	0.575
σ		0.124	0.090	0.048	0.173	0.725	0.707	0.000	0.154
%RSD		38.050	20.410	13.040	68.970	88.470	88.840	0.000	26.780

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	82.568%	0.327	0.314	80.453%	0.065	0.055	0.040	0.045
2	23:38:35	82.878%	0.101	0.158	81.005%	0.051	0.075	-0.009	0.010
3	23:39:17	82.860%	0.179	0.254	81.072%	0.065	0.034	0.094	0.031
x		82.769%	0.202	0.242	80.843%	0.060	0.055	0.042	0.029
σ		0.174%	0.115	0.079	0.340%	0.008	0.021	0.051	0.018
%RSD		0.210	56.680	32.570	0.421	13.850	37.610	123.500	61.090

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	80.581%	0.292	0.093	0.062	0.182	0.207	82.077%	82.570%
2	23:38:35	81.059%	0.661	0.087	0.061	0.314	0.410	83.257%	84.027%
3	23:39:17	81.364%	0.724	0.050	0.014	0.177	0.219	83.886%	84.408%
x		81.001%	0.559	0.077	0.046	0.224	0.279	83.073%	83.669%
σ		0.395%	0.233	0.023	0.027	0.077	0.114	0.918%	0.970%
%RSD		0.488	41.740	30.240	59.990	34.520	41.010	1.106	1.160

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:53	0.102	0.095	0.053	0.040	0.044	84.876%
2	23:38:35	0.054	0.117	0.059	0.043	0.064	85.926%
3	23:39:17	0.071	0.055	0.044	0.063	0.059	86.670%
x		0.076	0.089	0.052	0.049	0.056	85.824%
σ		0.025	0.032	0.007	0.012	0.010	0.901%
%RSD		32.370	35.380	14.320	25.120	18.510	1.050

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:12	92.335%	-0.031	61.450	57.080	0.000	68800.000	15760.000	15760.000
2	23:42:53	95.122%	-0.031	56.540	58.420	0.000	68050.000	15740.000	15750.000
3	23:43:35	96.978%	0.034	57.040	58.670	0.000	67520.000	15720.000	15770.000
x		94.812%	-0.009	58.340	58.050	0.000	68120.000	15740.000	15760.000
σ		2.337%	0.037	2.702	0.857	0.000	640.700	23.050	9.331
%RSD		2.465	405.200	4.630	1.475	0.000	0.940	0.146	0.059
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:12	2.978	4546.000	0.000	1306.000	48010.000	47520.000	69.073%	1.491
2	23:42:53	2.571	4531.000	0.000	1316.000	48040.000	47580.000	70.887%	0.864
3	23:43:35	2.913	4516.000	0.000	1319.000	47250.000	47340.000	71.523%	1.292
x		2.821	4531.000	0.000	1314.000	47770.000	47480.000	70.494%	1.216
σ		0.219	14.960	0.000	6.548	444.300	121.900	1.272%	0.320
%RSD		7.748	0.330	0.000	0.498	0.930	0.257	1.804	26.340
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:12	-8.171	2.146	13.370	25.490	98.780	0.057	4.875	1.595
2	23:42:53	-6.646	2.450	13.450	20.510	81.650	0.045	4.769	1.583
3	23:43:35	-8.473	2.668	13.480	19.740	85.960	0.072	5.627	1.827
x		-7.763	2.422	13.430	21.920	88.790	0.058	5.090	1.668
σ		0.979	0.262	0.054	3.119	8.913	0.013	0.468	0.137
%RSD		12.610	10.820	0.403	14.230	10.040	23.100	9.191	8.234
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:12	1.209	3.312	2.313	1.039	2.236	0.332	0.000	241.700
2	23:42:53	1.357	2.795	2.678	-2.382	0.389	1.077	0.000	239.700
3	23:43:35	2.237	2.401	3.120	-0.444	2.002	0.960	0.000	242.600
x		1.601	2.836	2.703	-0.596	1.542	0.790	0.000	241.400
σ		0.556	0.457	0.404	1.716	1.006	0.401	0.000	1.490
%RSD		34.720	16.110	14.940	288.000	65.220	50.790	0.000	0.617
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:12	69.501%	0.370	0.286	67.687%	0.010	0.011	0.134	0.017
2	23:42:53	72.025%	0.257	0.110	69.633%	-0.001	-0.007	0.084	-0.076
3	23:43:35	72.219%	0.072	0.133	70.600%	0.010	-0.001	-0.173	-0.080
x		71.248%	0.233	0.176	69.307%	0.006	0.001	0.015	-0.046
σ		1.517%	0.150	0.096	1.484%	0.006	0.009	0.165	0.055
%RSD		2.129	64.380	54.290	2.141	101.600	998.300	1095.000	118.800
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:12	71.671%	9.525	0.118	0.140	115.500	115.300	77.905%	78.345%
2	23:42:53	74.851%	7.653	0.095	0.119	116.800	116.700	80.214%	80.777%
3	23:43:35	74.428%	6.792	0.107	0.076	115.800	114.900	80.939%	82.927%
x		73.650%	7.990	0.107	0.112	116.000	115.600	79.686%	80.683%
σ		1.727%	1.397	0.011	0.033	0.666	0.969	1.584%	2.292%
%RSD		2.344	17.490	10.570	29.350	0.574	0.838	1.988	2.841
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:42:12	0.060	0.051	0.046	0.034	0.044	75.702%		
2	23:42:53	0.042	0.043	0.012	0.032	0.023	78.591%		
3	23:43:35	0.012	0.038	0.023	0.009	0.027	80.133%		
x		0.038	0.044	0.027	0.025	0.031	78.142%		
σ		0.024	0.006	0.017	0.014	0.011	2.249%		
%RSD		63.510	14.590	63.400	54.720	35.350	2.878		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	84.823%	0.006	80.390	74.430	0.000	218600.000	96610.000	96530.000
2	23:47:10	86.774%	0.005	78.430	77.000	0.000	215300.000	95090.000	94920.000
3	23:47:51	88.412%	-0.031	76.440	72.940	0.000	211900.000	93800.000	93930.000
x		86.670%	-0.006	78.420	74.790	0.000	215300.000	95170.000	95130.000
σ		1.797%	0.021	1.974	2.050	0.000	3380.000	1409.000	1310.000
%RSD		2.073	323.500	2.518	2.741	0.000	1.570	1.480	1.378

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	240.100	10430.000	0.000	21310.000	143000.000	147100.000	65.094%	11.150
2	23:47:10	243.500	10400.000	0.000	21000.000	146900.000	146900.000	66.628%	12.830
3	23:47:51	238.500	10330.000	0.000	20790.000	146300.000	147200.000	67.005%	12.060
x		240.700	10390.000	0.000	21040.000	145400.000	147000.000	66.242%	12.010
σ		2.541	54.640	0.000	261.500	2099.000	134.400	1.012%	0.841
%RSD		1.056	0.526	0.000	1.243	1.444	0.091	1.528	7.003

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	-2.847	1.240	2826.000	114100.000	116800.000	0.231	0.597	2.966
2	23:47:10	-1.786	1.351	2823.000	112000.000	117100.000	0.321	0.386	3.144
3	23:47:51	-2.648	1.176	2845.000	111500.000	117300.000	0.242	1.167	3.580
x		-2.427	1.256	2831.000	112600.000	117100.000	0.265	0.717	3.230
σ		0.564	0.089	11.500	1376.000	271.900	0.049	0.404	0.316
%RSD		23.230	7.056	0.406	1.223	0.232	18.520	56.360	9.770

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	2.962	4.784	6.697	1.243	-0.728	-0.609	0.000	833.800
2	23:47:10	2.590	4.888	6.610	1.696	-0.837	0.155	0.000	828.700
3	23:47:51	3.056	5.338	5.563	1.239	-0.427	1.049	0.000	841.000
x		2.869	5.003	6.290	1.393	-0.664	0.199	0.000	834.500
σ		0.247	0.294	0.631	0.263	0.212	0.830	0.000	6.160
%RSD		8.595	5.881	10.030	18.870	31.960	417.600	0.000	0.738

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	66.931%	0.107	0.012	64.172%	0.017	-0.007	0.028	-0.077
2	23:47:10	69.366%	-0.081	0.012	66.162%	-0.001	-0.007	-0.048	-0.118
3	23:47:51	69.700%	-0.052	0.017	67.440%	0.010	-0.007	-0.051	0.011
x		68.665%	-0.009	0.014	65.924%	0.009	-0.007	-0.024	-0.061
σ		1.511%	0.101	0.003	1.647%	0.009	0.000	0.045	0.066
%RSD		2.201	1161.000	21.630	2.498	102.300	0.000	190.800	107.500

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	69.565%	5.553	0.152	0.099	467.800	465.700	76.502%	78.720%
2	23:47:10	72.007%	5.581	0.076	0.138	463.900	467.600	80.944%	81.361%
3	23:47:51	74.353%	4.620	0.152	0.141	469.100	469.900	80.755%	82.825%
x		71.975%	5.251	0.127	0.126	466.900	467.700	79.400%	80.969%
σ		2.394%	0.547	0.044	0.024	2.717	2.073	2.512%	2.081%
%RSD		3.326	10.420	34.670	18.860	0.582	0.443	3.164	2.570

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:28	0.035	0.022	2.008	1.997	2.080	73.901%
2	23:47:10	0.023	0.011	2.261	2.117	2.138	78.216%
3	23:47:51	0.032	0.030	2.248	2.203	2.262	79.018%
x		0.030	0.021	2.172	2.106	2.160	77.045%
σ		0.006	0.009	0.142	0.104	0.093	2.752%
%RSD		21.590	45.570	6.547	4.934	4.301	3.572

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:50:45	87.651%	0.005	121.400	121.600	0.000	94660.000	29040.000	29060.000
2	23:51:26	89.185%	-0.031	122.700	125.400	0.000	93570.000	28990.000	29040.000
3	23:52:08	90.293%	-0.031	125.200	120.100	0.000	93520.000	28830.000	29100.000
x		89.043%	-0.019	123.100	122.300	0.000	93920.000	28960.000	29060.000
σ		1.327%	0.020	1.909	2.764	0.000	642.800	109.200	30.200
%RSD		1.490	108.700	1.551	2.259	0.000	0.685	0.377	0.104
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:50:45	-1.848	6871.000	0.000	4838.000	52860.000	53010.000	68.225%	1.510
2	23:51:26	-2.055	6857.000	0.000	4844.000	53520.000	52950.000	68.984%	1.416
3	23:52:08	-1.221	6882.000	0.000	4869.000	53530.000	53290.000	68.916%	2.093
x		-1.708	6870.000	0.000	4850.000	53310.000	53080.000	68.708%	1.673
σ		0.435	12.520	0.000	16.540	384.700	177.900	0.420%	0.367
%RSD		25.450	0.182	0.000	0.341	0.722	0.335	0.611	21.950
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:50:45	-2.135	0.366	1948.000	46210.000	47060.000	4.121	1.916	2.954
2	23:51:26	-3.715	0.323	1961.000	45730.000	47310.000	4.392	1.870	2.785
3	23:52:08	-3.367	0.570	1960.000	45740.000	47450.000	4.134	1.941	2.826
x		-3.072	0.419	1956.000	45890.000	47270.000	4.216	1.909	2.855
σ		0.830	0.132	7.024	271.800	195.400	0.153	0.036	0.088
%RSD		27.010	31.410	0.359	0.592	0.413	3.631	1.886	3.093
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:50:45	2.696	12.330	10.250	9.001	-1.434	-1.382	0.000	387.900
2	23:51:26	2.491	11.390	13.000	11.320	-0.537	-0.163	0.000	380.300
3	23:52:08	2.656	11.880	12.630	8.056	-2.062	-1.086	0.000	382.500
x		2.614	11.870	11.960	9.458	-1.344	-0.877	0.000	383.500
σ		0.109	0.469	1.490	1.679	0.766	0.636	0.000	3.938
%RSD		4.170	3.952	12.450	17.750	57.010	72.540	0.000	1.027
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:50:45	69.715%	0.022	0.126	69.126%	0.015	-0.001	0.058	-0.016
2	23:51:26	71.864%	0.088	-0.043	71.002%	0.015	0.016	-0.097	-0.050
3	23:52:08	72.322%	0.116	0.094	71.178%	0.004	0.010	0.103	-0.027
x		71.300%	0.075	0.059	70.435%	0.011	0.008	0.021	-0.031
σ		1.392%	0.048	0.089	1.137%	0.006	0.009	0.105	0.017
%RSD		1.952	63.790	151.400	1.614	55.770	105.000	494.600	56.100
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:50:45	73.713%	4.556	0.142	0.165	56.750	57.830	80.298%	81.638%
2	23:51:26	75.508%	4.601	0.272	0.231	55.740	55.850	82.170%	84.659%
3	23:52:08	77.090%	4.654	0.223	0.121	58.090	58.450	83.087%	84.757%
x		75.437%	4.603	0.212	0.172	56.860	57.380	81.852%	83.685%
σ		1.690%	0.049	0.065	0.055	1.181	1.355	1.421%	1.773%
%RSD		2.240	1.064	30.770	32.150	2.077	2.362	1.736	2.119
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:50:45	0.022	0.009	0.449	0.471	0.417	79.483%		
2	23:51:26	0.029	0.006	0.394	0.451	0.454	82.671%		
3	23:52:08	0.011	0.018	0.397	0.456	0.414	82.677%		
x		0.021	0.011	0.413	0.459	0.428	81.610%		
σ		0.009	0.006	0.031	0.010	0.022	1.842%		
%RSD		43.440	58.330	7.455	2.183	5.161	2.257		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	86.138%	0.005	106.100	105.800	0.000	74990.000	23390.000	23360.000
2	23:55:43	89.603%	0.074	104.500	109.700	0.000	74250.000	23340.000	23430.000
3	23:56:25	90.558%	0.004	111.800	108.300	0.000	73350.000	23110.000	23170.000
x		88.766%	0.028	107.500	107.900	0.000	74200.000	23280.000	23320.000
σ		2.326%	0.040	3.843	1.957	0.000	822.500	146.300	135.300
%RSD		2.620	144.400	3.576	1.813	0.000	1.109	0.628	0.580

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	192.500	7236.000	0.000	2934.000	43720.000	43320.000	66.712%	8.926
2	23:55:43	192.500	7206.000	0.000	2971.000	44460.000	44050.000	67.264%	10.700
3	23:56:25	188.000	7123.000	0.000	2936.000	43470.000	43530.000	67.814%	9.078
x		191.000	7188.000	0.000	2947.000	43890.000	43630.000	67.263%	9.568
σ		2.591	58.220	0.000	20.420	517.200	376.600	0.551%	0.983
%RSD		1.357	0.810	0.000	0.693	1.178	0.863	0.819	10.270

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	-1.869	1.365	774.000	34520.000	34900.000	0.340	1.914	3.469
2	23:55:43	-1.459	1.259	785.600	34270.000	35140.000	0.346	2.237	4.003
3	23:56:25	-1.121	1.164	780.500	33830.000	34800.000	0.322	2.015	3.861
x		-1.483	1.263	780.000	34210.000	34950.000	0.336	2.055	3.778
σ		0.375	0.100	5.786	347.200	175.900	0.012	0.165	0.277
%RSD		25.250	7.934	0.742	1.015	0.503	3.639	8.036	7.320

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	3.040	8.119	9.048	16.980	-0.846	-0.983	0.000	278.100
2	23:55:43	3.258	8.421	9.704	18.540	-0.463	-0.991	0.000	281.800
3	23:56:25	3.432	8.818	9.699	16.750	-0.666	-0.684	0.000	279.600
x		3.243	8.453	9.484	17.420	-0.658	-0.886	0.000	279.800
σ		0.196	0.350	0.377	0.972	0.192	0.175	0.000	1.864
%RSD		6.044	4.143	3.978	5.580	29.170	19.710	0.000	0.666

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	69.612%	0.164	0.167	68.476%	-0.006	-0.007	-0.093	-0.139
2	23:55:43	70.517%	0.202	0.169	69.750%	0.015	-0.007	-0.157	-0.186
3	23:56:25	72.042%	0.178	0.244	70.708%	-0.001	0.004	-0.092	-0.129
x		70.723%	0.181	0.193	69.645%	0.002	-0.003	-0.114	-0.151
σ		1.228%	0.020	0.044	1.120%	0.011	0.007	0.037	0.030
%RSD		1.737	10.760	22.820	1.608	455.000	206.400	32.690	20.050

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	73.415%	3.826	0.389	0.370	77.380	77.090	80.411%	80.969%
2	23:55:43	75.828%	3.608	0.316	0.309	78.430	75.060	81.322%	82.741%
3	23:56:25	75.800%	3.861	0.287	0.322	77.060	77.090	83.049%	85.197%
x		75.014%	3.765	0.330	0.334	77.620	76.410	81.594%	82.969%
σ		1.385%	0.137	0.052	0.032	0.717	1.170	1.340%	2.123%
%RSD		1.847	3.645	15.840	9.665	0.923	1.531	1.642	2.559

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	23:55:01	0.003	0.014	1.053	1.156	1.120	79.021%
2	23:55:43	0.009	0.008	1.120	1.064	1.101	81.903%
3	23:56:25	-0.007	0.015	1.155	1.088	1.143	83.527%
x		0.002	0.013	1.109	1.103	1.121	81.484%
σ		0.008	0.004	0.052	0.047	0.021	2.282%
%RSD		456.300	29.560	4.697	4.304	1.868	2.801

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:59:19	86.598%	0.005	54.320	58.020	0.000	154700.000	74520.000	75150.000
2	00:00:01	89.765%	0.004	55.260	56.510	0.000	150400.000	66180.000	73060.000
3	00:00:43	89.773%	0.004	58.380	55.700	0.000	151000.000	72690.000	73680.000
x		88.712%	0.004	55.980	56.740	0.000	152000.000	71130.000	73960.000
σ		1.831%	0.001	2.125	1.176	0.000	2340.000	4387.000	1074.000
%RSD		2.064	16.050	3.795	2.072	0.000	1.539	6.167	1.452
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:59:19	52.750	9246.000	0.000	5472.000	67130.000	65890.000	68.151%	13.230
2	00:00:01	49.130	9137.000	0.000	5483.000	67610.000	65960.000	69.468%	11.250
3	00:00:43	50.210	9208.000	0.000	5478.000	66080.000	66280.000	69.748%	12.480
x		50.690	9197.000	0.000	5478.000	66940.000	66040.000	69.122%	12.320
σ		1.858	55.580	0.000	5.671	778.700	206.000	0.853%	0.998
%RSD		3.665	0.604	0.000	0.104	1.163	0.312	1.234	8.102
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:59:19	-1.094	1.182	4042.000	48660.000	49790.000	0.319	2.577	5.790
2	00:00:01	0.959	1.133	4036.000	47780.000	49600.000	0.338	2.156	6.448
3	00:00:43	-0.169	1.062	4049.000	47810.000	50100.000	0.399	2.269	6.408
x		-0.101	1.125	4043.000	48090.000	49830.000	0.352	2.334	6.215
σ		1.028	0.060	6.688	500.800	252.300	0.042	0.218	0.369
%RSD		1019.000	5.368	0.165	1.041	0.506	11.900	9.326	5.934
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:59:19	5.474	9.072	11.080	25.510	-0.060	-0.697	0.000	486.300
2	00:00:01	5.836	9.928	10.740	24.870	-0.591	-0.887	0.000	479.800
3	00:00:43	6.077	9.671	9.230	26.020	-0.697	0.359	0.000	489.400
x		5.796	9.557	10.350	25.470	-0.449	-0.409	0.000	485.200
σ		0.304	0.439	0.984	0.579	0.341	0.671	0.000	4.899
%RSD		5.238	4.598	9.508	2.272	75.960	164.300	0.000	1.010
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:59:19	70.648%	0.543	0.758	68.860%	-0.006	0.022	0.018	-0.097
2	00:00:01	73.158%	0.783	0.808	70.940%	0.004	0.004	0.132	0.051
3	00:00:43	72.204%	0.716	0.712	70.876%	-0.001	0.016	-0.160	-0.223
x		72.003%	0.680	0.760	70.225%	-0.001	0.014	-0.003	-0.089
σ		1.267%	0.124	0.048	1.183%	0.005	0.009	0.147	0.137
%RSD		1.760	18.210	6.289	1.684	459.700	63.910	4368.000	153.000
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:59:19	73.403%	3.511	0.702	0.669	209.800	208.200	81.292%	82.568%
2	00:00:01	75.072%	3.867	0.606	0.687	206.500	207.400	84.590%	84.897%
3	00:00:43	76.396%	3.893	0.620	0.714	210.100	206.000	83.448%	85.022%
x		74.957%	3.757	0.643	0.690	208.800	207.200	83.110%	84.162%
σ		1.500%	0.213	0.052	0.022	1.978	1.127	1.675%	1.382%
%RSD		2.001	5.672	8.047	3.242	0.947	0.544	2.015	1.642
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:59:19	0.003	0.012	1.772	1.834	1.759	79.349%		
2	00:00:01	0.012	0.006	1.757	1.679	1.821	81.695%		
3	00:00:43	-0.010	0.001	1.727	1.957	1.828	82.099%		
x		0.002	0.006	1.752	1.823	1.803	81.048%		
σ		0.011	0.005	0.023	0.139	0.038	1.485%		
%RSD		614.700	89.590	1.308	7.641	2.117	1.832		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	88.869%	0.004	55.510	59.250	0.000	155000.000	59600.000	66560.000
2	00:04:18	90.577%	0.004	64.400	56.860	0.000	154300.000	59980.000	66250.000
3	00:05:00	89.986%	0.038	59.990	61.000	0.000	154100.000	60140.000	65710.000
x		89.810%	0.015	59.960	59.040	0.000	154500.000	59910.000	66170.000
σ		0.868%	0.020	4.447	2.081	0.000	464.500	277.500	430.200
%RSD		0.966	128.500	7.415	3.524	0.000	0.301	0.463	0.650

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	114.900	7830.000	0.000	5062.000	66580.000	66160.000	69.372%	6.118
2	00:04:18	117.900	7858.000	0.000	5097.000	66300.000	67000.000	69.954%	7.397
3	00:05:00	95.810	7849.000	0.000	5111.000	66870.000	67050.000	69.990%	6.576
x		109.500	7845.000	0.000	5090.000	66580.000	66740.000	69.772%	6.697
σ		11.970	14.470	0.000	25.200	283.000	499.200	0.346%	0.648
%RSD		10.930	0.185	0.000	0.495	0.425	0.748	0.497	9.674

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	-0.720	0.495	1505.000	79500.000	82870.000	1.211	0.541	11.950
2	00:04:18	-2.482	0.381	1519.000	79040.000	83630.000	1.052	1.016	12.140
3	00:05:00	-1.909	0.569	1524.000	78450.000	83550.000	1.076	0.523	11.780
x		-1.704	0.482	1516.000	79000.000	83350.000	1.113	0.693	11.960
σ		0.899	0.095	9.735	528.000	417.300	0.085	0.280	0.178
%RSD		52.770	19.730	0.642	0.668	0.501	7.676	40.320	1.487

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	12.030	13.880	13.740	8.610	-0.523	0.303	0.000	594.400
2	00:04:18	11.110	13.460	14.340	6.608	-0.995	-0.408	0.000	602.500
3	00:05:00	11.180	13.290	13.920	7.234	-0.748	0.011	0.000	602.800
x		11.440	13.540	14.000	7.484	-0.755	-0.031	0.000	599.900
σ		0.516	0.307	0.311	1.024	0.236	0.358	0.000	4.746
%RSD		4.510	2.264	2.224	13.690	31.280	1135.000	0.000	0.791

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	71.348%	-0.121	-0.068	70.125%	0.004	0.004	0.146	-0.045
2	00:04:18	72.907%	-0.140	-0.027	71.720%	0.004	0.015	-0.171	-0.199
3	00:05:00	73.606%	0.021	-0.011	72.132%	0.004	0.004	-0.002	-0.063
x		72.620%	-0.080	-0.035	71.326%	0.004	0.008	-0.009	-0.102
σ		1.156%	0.088	0.029	1.060%	0.000	0.006	0.158	0.084
%RSD		1.592	109.500	82.200	1.486	3.922	79.350	1719.000	82.580

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	75.007%	3.440	0.123	0.161	194.900	196.300	81.390%	84.322%
2	00:04:18	77.283%	3.662	0.195	0.142	203.800	197.400	83.941%	86.134%
3	00:05:00	76.925%	3.081	0.146	0.183	203.100	197.500	86.123%	86.420%
x		76.405%	3.394	0.155	0.162	200.600	197.100	83.818%	85.625%
σ		1.224%	0.293	0.037	0.021	4.931	0.681	2.369%	1.138%
%RSD		1.602	8.638	23.710	12.880	2.458	0.346	2.826	1.329

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:03:37	-0.000	0.006	2.089	1.971	2.025	79.712%
2	00:04:18	0.005	0.024	1.935	1.944	2.051	82.998%
3	00:05:00	0.002	0.010	1.990	2.157	2.046	83.927%
x		0.002	0.013	2.005	2.024	2.041	82.212%
σ		0.003	0.009	0.078	0.116	0.014	2.215%
%RSD		111.100	68.370	3.906	5.741	0.665	2.694

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:07:55	101.939%	0.031	231.400	224.000	0.000	119900.000	119300.000	119700.000
2	00:08:36	106.318%	-0.031	226.800	224.800	0.000	120000.000	119300.000	119800.000
3	00:09:18	105.663%	0.087	241.100	229.700	0.000	121000.000	120000.000	120500.000
x		104.640%	0.029	233.100	226.200	0.000	120300.000	119500.000	120000.000
σ		2.362%	0.059	7.274	3.076	0.000	610.500	403.000	438.400
%RSD		2.257	202.800	3.121	1.360	0.000	0.508	0.337	0.365
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:07:55	304.100	9266.000	0.000	13910.000	113300.000	112700.000	75.901%	12.640
2	00:08:36	308.000	9413.000	0.000	13920.000	114300.000	114400.000	78.268%	10.660
3	00:09:18	311.200	9503.000	0.000	13900.000	114200.000	113900.000	79.367%	10.770
x		307.800	9394.000	0.000	13910.000	113900.000	113700.000	77.845%	11.350
σ		3.522	119.400	0.000	12.240	580.000	877.100	1.771%	1.112
%RSD		1.144	1.271	0.000	0.088	0.509	0.772	2.275	9.789
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:07:55	-6.902	2.543	1668.000	589.200	857.300	17.200	4.534	3.230
2	00:08:36	-7.174	3.276	1682.000	612.400	899.900	17.620	4.755	3.181
3	00:09:18	-10.360	3.194	1688.000	619.000	891.100	16.950	5.235	3.263
x		-8.146	3.004	1679.000	606.900	882.800	17.260	4.841	3.225
σ		1.925	0.402	10.330	15.670	22.510	0.338	0.358	0.041
%RSD		23.620	13.380	0.615	2.581	2.550	1.957	7.399	1.283
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:07:55	3.028	5.017	6.264	1.097	1.026	1.458	0.000	768.000
2	00:08:36	3.330	5.410	6.107	-0.274	0.338	2.887	0.000	770.300
3	00:09:18	2.624	4.901	5.151	0.306	1.175	1.088	0.000	776.400
x		2.994	5.109	5.841	0.377	0.846	1.811	0.000	771.600
σ		0.354	0.267	0.602	0.688	0.446	0.950	0.000	4.349
%RSD		11.830	5.229	10.310	182.800	52.730	52.440	0.000	0.564
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:07:55	76.286%	0.397	0.360	73.650%	0.004	-0.007	0.083	-0.090
2	00:08:36	79.435%	0.562	0.522	76.360%	0.048	0.035	-0.160	-0.148
3	00:09:18	79.657%	0.297	0.558	77.190%	0.008	0.014	0.035	-0.053
x		78.459%	0.419	0.480	75.733%	0.020	0.014	-0.014	-0.097
σ		1.885%	0.134	0.105	1.852%	0.024	0.021	0.129	0.048
%RSD		2.403	31.990	21.960	2.445	121.800	149.700	905.400	49.670
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:07:55	79.310%	2.974	0.105	0.151	297.000	294.600	85.795%	86.735%
2	00:08:36	81.114%	4.026	0.050	0.160	296.800	296.800	88.947%	90.263%
3	00:09:18	81.377%	4.284	0.153	0.232	307.600	298.100	89.038%	90.806%
x		80.600%	3.761	0.102	0.181	300.500	296.500	87.927%	89.268%
σ		1.125%	0.694	0.051	0.044	6.175	1.777	1.847%	2.210%
%RSD		1.396	18.450	50.300	24.580	2.055	0.599	2.100	2.476
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:07:55	0.030	0.059	0.477	0.411	0.466	81.412%		
2	00:08:36	0.034	0.038	0.499	0.478	0.474	85.061%		
3	00:09:18	0.059	0.081	0.429	0.512	0.453	86.183%		
x		0.041	0.059	0.468	0.467	0.464	84.219%		
σ		0.016	0.021	0.036	0.051	0.010	2.495%		
%RSD		38.570	35.980	7.672	10.920	2.231	2.962		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:12:13	89.701%	-0.031	229.800	213.100	0.000	121800.000	105400.000	105400.000
2	00:12:54	92.800%	-0.031	219.900	213.300	0.000	120400.000	104500.000	104300.000
3	00:13:36	92.412%	-0.031	227.800	208.700	0.000	120600.000	104700.000	104500.000
x		91.638%	-0.031	225.900	211.700	0.000	120900.000	104900.000	104800.000
σ		1.688%	0.000	5.230	2.634	0.000	772.000	485.300	610.300
%RSD		1.842	0.000	2.316	1.244	0.000	0.638	0.463	0.583
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:12:13	-2.563	7277.000	0.000	13630.000	97230.000	97210.000	70.360%	2.422
2	00:12:54	-2.986	7259.000	0.000	13610.000	97650.000	98360.000	70.325%	1.314
3	00:13:36	-2.869	7268.000	0.000	13610.000	98460.000	98690.000	70.451%	1.827
x		-2.806	7268.000	0.000	13610.000	97780.000	98090.000	70.379%	1.855
σ		0.218	8.904	0.000	13.490	626.100	775.800	0.065%	0.554
%RSD		7.780	0.123	0.000	0.099	0.640	0.791	0.092	29.900
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:12:13	-4.782	1.217	1033.000	13830.000	13860.000	1.246	1.175	2.074
2	00:12:54	-3.388	1.023	1048.000	13860.000	14060.000	1.164	0.967	1.865
3	00:13:36	-5.535	0.961	1046.000	13780.000	14070.000	1.441	1.027	2.103
x		-4.568	1.067	1042.000	13820.000	14000.000	1.284	1.056	2.014
σ		1.089	0.134	8.110	40.010	117.900	0.142	0.107	0.130
%RSD		23.850	12.560	0.778	0.289	0.842	11.090	10.110	6.464
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:12:13	1.726	2.408	1.877	4.103	-1.890	-1.792	0.000	765.600
2	00:12:54	1.877	1.703	2.909	4.728	-1.379	-0.672	0.000	767.200
3	00:13:36	1.408	1.587	2.845	3.261	-1.119	-0.013	0.000	767.100
x		1.670	1.900	2.544	4.030	-1.463	-0.826	0.000	766.600
σ		0.239	0.444	0.578	0.736	0.392	0.900	0.000	0.917
%RSD		14.320	23.380	22.730	18.260	26.820	108.900	0.000	0.120
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:12:13	70.335%	0.253	0.145	68.630%	0.005	-0.001	0.108	0.062
2	00:12:54	71.908%	0.332	0.211	69.947%	-0.001	-0.001	0.018	-0.033
3	00:13:36	72.345%	0.073	0.134	70.396%	-0.001	0.010	0.005	0.026
x		71.529%	0.219	0.163	69.658%	0.001	0.003	0.044	0.018
σ		1.057%	0.133	0.042	0.918%	0.003	0.007	0.056	0.048
%RSD		1.478	60.650	25.450	1.317	421.900	248.700	127.700	258.200
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:12:13	72.478%	3.374	0.035	0.056	184.400	184.600	79.516%	81.003%
2	00:12:54	74.901%	2.975	0.045	0.061	184.400	186.200	80.761%	83.112%
3	00:13:36	75.279%	3.132	0.055	0.060	188.700	183.900	82.427%	83.796%
x		74.220%	3.160	0.045	0.059	185.800	184.900	80.901%	82.637%
σ		1.520%	0.201	0.010	0.002	2.444	1.192	1.461%	1.456%
%RSD		2.048	6.351	22.330	4.162	1.315	0.645	1.806	1.761
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:12:13	0.004	0.005	0.030	0.025	0.033	75.692%		
2	00:12:54	0.010	0.013	0.062	0.032	0.052	79.030%		
3	00:13:36	0.000	0.010	0.031	0.062	0.049	79.577%		
x		0.005	0.009	0.041	0.039	0.045	78.100%		
σ		0.005	0.004	0.018	0.020	0.010	2.103%		
%RSD		102.700	42.900	44.800	49.550	23.100	2.692		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	100.415%	0.000	124.700	115.900	0.000	59620.000	56420.000	63130.000
2	00:17:13	104.295%	-0.031	126.400	116.400	0.000	59110.000	62670.000	63190.000
3	00:17:54	106.915%	-0.031	116.100	114.100	0.000	58590.000	62150.000	62540.000
x		103.875%	-0.020	122.400	115.500	0.000	59110.000	60410.000	62950.000
σ		3.270%	0.018	5.514	1.170	0.000	515.800	3470.000	359.500
%RSD		3.148	88.520	4.504	1.013	0.000	0.873	5.744	0.571

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	-3.763	7647.000	0.000	3597.000	68890.000	68560.000	74.200%	0.965
2	00:17:13	-38.810	7710.000	0.000	3642.000	70570.000	69750.000	75.653%	0.807
3	00:17:54	-4.153	7688.000	0.000	3609.000	70010.000	68960.000	76.958%	1.062
x		-15.580	7682.000	0.000	3616.000	69820.000	69090.000	75.603%	0.945
σ		20.120	32.100	0.000	23.300	853.900	608.100	1.380%	0.129
%RSD		129.200	0.418	0.000	0.644	1.223	0.880	1.825	13.660

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	-10.530	2.040	2143.000	42.770	138.300	3.008	2.689	1.978
2	00:17:13	-10.380	2.135	2167.000	36.040	118.100	3.156	2.623	1.857
3	00:17:54	-9.677	2.093	2167.000	35.000	127.600	3.081	2.489	1.883
x		-10.200	2.090	2159.000	37.930	128.000	3.082	2.600	1.906
σ		0.457	0.048	13.600	4.219	10.080	0.074	0.102	0.064
%RSD		4.479	2.281	0.630	11.120	7.874	2.395	3.924	3.340

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	1.731	1.947	2.133	-3.750	-0.161	0.877	0.000	283.700
2	00:17:13	1.917	1.658	1.848	0.661	2.532	2.775	0.000	282.900
3	00:17:54	1.820	1.733	1.747	0.183	1.543	2.375	0.000	285.700
x		1.823	1.779	1.909	-0.968	1.305	2.009	0.000	284.100
σ		0.093	0.150	0.200	2.420	1.362	1.001	0.000	1.460
%RSD		5.088	8.427	10.460	250.000	104.400	49.800	0.000	0.514

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	71.020%	-0.124	-0.183	73.481%	0.004	-0.001	0.041	0.090
2	00:17:13	73.034%	-0.130	-0.081	76.061%	-0.002	0.009	0.117	0.048
3	00:17:54	73.610%	-0.175	-0.023	77.077%	0.003	-0.007	0.215	0.216
x		72.555%	-0.143	-0.096	75.540%	0.002	0.000	0.124	0.118
σ		1.360%	0.028	0.081	1.854%	0.003	0.008	0.087	0.087
%RSD		1.874	19.390	84.290	2.454	158.000	5190.000	70.280	73.920

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	77.591%	2.721	0.015	0.037	32.220	32.580	84.409%	86.096%
2	00:17:13	81.401%	2.530	0.050	0.047	32.170	31.520	87.090%	88.372%
3	00:17:54	82.007%	2.650	0.054	0.046	32.220	30.950	89.010%	90.422%
x		80.333%	2.633	0.040	0.043	32.200	31.680	86.837%	88.296%
σ		2.394%	0.097	0.021	0.006	0.031	0.829	2.311%	2.164%
%RSD		2.980	3.672	53.600	13.140	0.095	2.615	2.661	2.451

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:16:31	0.005	0.022	-0.000	0.000	0.009	82.106%
2	00:17:13	0.001	0.009	0.013	0.011	0.017	85.504%
3	00:17:54	-0.002	0.018	-0.012	-0.013	0.001	86.519%
x		0.002	0.017	-0.000	-0.001	0.009	84.710%
σ		0.004	0.006	0.013	0.012	0.008	2.311%
%RSD		206.100	38.320	211300.000	1847.000	84.980	2.728

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	102.002%	-0.000	117.700	117.700	0.000	60210.000	63700.000	64040.000
2	00:21:32	102.549%	-0.000	120.500	120.000	0.000	60260.000	63840.000	64370.000
3	00:22:13	102.346%	-0.031	124.900	116.000	0.000	60320.000	63720.000	63960.000
x		102.299%	-0.010	121.000	117.900	0.000	60270.000	63750.000	64120.000
σ		0.277%	0.018	3.660	1.998	0.000	55.530	71.760	220.300
%RSD		0.270	171.400	3.024	1.695	0.000	0.092	0.113	0.344

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	-2.619	7839.000	0.000	3610.000	70520.000	69430.000	75.301%	1.085
2	00:21:32	-29.450	7940.000	0.000	3697.000	70340.000	70030.000	75.538%	1.355
3	00:22:13	-1.237	7907.000	0.000	3666.000	69440.000	69990.000	76.155%	0.935
x		-11.100	7895.000	0.000	3658.000	70100.000	69820.000	75.665%	1.125
σ		15.900	51.090	0.000	43.840	580.000	337.200	0.441%	0.213
%RSD		143.300	0.647	0.000	1.198	0.827	0.483	0.583	18.940

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	-8.605	2.172	2116.000	37.330	130.000	3.125	2.953	2.238
2	00:21:32	-12.780	2.331	2143.000	40.180	131.600	3.272	2.833	2.187
3	00:22:13	-11.010	2.246	2138.000	43.090	130.300	3.057	4.004	2.362
x		-10.800	2.250	2132.000	40.200	130.700	3.152	3.263	2.262
σ		2.095	0.079	14.340	2.878	0.861	0.110	0.644	0.090
%RSD		19.400	3.533	0.673	7.159	0.659	3.493	19.740	3.978

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	2.033	2.146	2.321	-0.400	1.621	1.231	0.000	270.500
2	00:21:32	1.892	2.542	1.719	0.335	0.367	0.466	0.000	271.700
3	00:22:13	2.099	2.042	1.795	0.386	1.346	2.195	0.000	271.800
x		2.008	2.243	1.945	0.107	1.111	1.298	0.000	271.300
σ		0.106	0.264	0.328	0.440	0.659	0.866	0.000	0.743
%RSD		5.269	11.770	16.860	410.700	59.310	66.780	0.000	0.274

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	75.058%	-0.001	-0.008	73.680%	-0.001	-0.001	0.012	-0.046
2	00:21:32	76.763%	-0.092	0.004	74.933%	0.004	-0.002	0.044	-0.030
3	00:22:13	77.422%	-0.023	0.010	75.468%	0.019	0.014	-0.030	-0.050
x		76.414%	-0.039	0.002	74.693%	0.007	0.004	0.009	-0.042
σ		1.220%	0.047	0.009	0.918%	0.010	0.009	0.037	0.011
%RSD		1.596	122.900	514.900	1.229	149.000	242.100	432.500	25.150

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	77.416%	3.169	0.064	0.079	30.460	31.990	84.144%	85.398%
2	00:21:32	78.945%	3.293	0.063	0.083	32.750	33.850	85.337%	87.326%
3	00:22:13	80.183%	3.007	0.066	0.075	34.480	32.300	86.986%	87.617%
x		78.848%	3.156	0.064	0.079	32.560	32.710	85.489%	86.780%
σ		1.386%	0.144	0.002	0.004	2.016	0.997	1.427%	1.206%
%RSD		1.758	4.549	3.030	5.447	6.190	3.047	1.670	1.390

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:20:50	-0.003	0.021	0.007	0.030	0.022	80.948%
2	00:21:32	0.008	0.016	0.024	-0.005	0.018	83.777%
3	00:22:13	0.001	0.005	0.045	0.019	0.042	85.584%
x		0.002	0.014	0.026	0.015	0.027	83.436%
σ		0.006	0.008	0.019	0.018	0.013	2.337%
%RSD		285.700	59.920	73.250	118.900	47.740	2.801

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	77.562%	99.460	94.160	95.280	0.000	46970.000	40670.000	40850.000
2	00:28:40	80.022%	100.400	95.170	93.180	0.000	46110.000	40500.000	40960.000
3	00:29:21	78.699%	99.820	92.230	94.830	0.000	46930.000	41430.000	41630.000
x		78.761%	99.886%	93.855%	94.430%	0.000	93.340%	81.730%	82.298%
σ		1.231%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.563	0.467	1.595	1.170	0.000	1.039	1.209	1.030

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	453.200	4800.000	0.000	48340.000	48710.000	47090.000	71.991%	95.550
2	00:28:40	461.000	4805.000	0.000	47870.000	46940.000	47440.000	73.867%	96.420
3	00:29:21	465.700	4895.000	0.000	47940.000	48420.000	47530.000	75.071%	104.200
x		91.996%	96.670%	0.000	96.105%	96.054%	94.705%	73.643%	98.740%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.553%	n/a
%RSD		1.376	1.108	0.000	0.528	1.975	0.486	2.108	4.848

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	96.260	98.780	477.900	24750.000	24220.000	100.600	103.500	100.100
2	00:28:40	97.330	98.480	483.000	24550.000	24500.000	100.900	102.500	102.700
3	00:29:21	100.100	98.020	482.300	24450.000	24460.000	98.550	100.800	103.400
x		97.907%	98.430%	96.216%	98.340%	97.583%	99.990%	102.255%	102.070%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.047	0.389	0.580	0.616	0.617	1.256	1.355	1.720

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	99.450	99.360	99.800	98.000	87.580	102.200	0.000	97.120
2	00:28:40	101.600	100.100	100.600	96.620	97.410	95.800	0.000	97.460
3	00:29:21	99.610	102.600	100.500	101.900	87.200	100.300	0.000	96.630
x		100.231%	100.710%	100.299%	98.836%	90.728%	99.459%	0.000	97.071%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.211	1.697	0.432	2.760	6.382	3.327	0.000	0.429

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	72.481%	95.410	97.220	71.581%	97.540	97.880	95.530	96.350
2	00:28:40	74.484%	98.830	101.100	74.392%	98.650	97.140	98.180	95.550
3	00:29:21	76.299%	100.100	103.200	75.663%	98.920	98.740	98.580	97.510
x		74.421%	98.122%	100.501%	73.878%	98.370%	97.916%	97.431%	96.472%
σ		1.909%	n/a	n/a	2.089%	n/a	n/a	n/a	n/a
%RSD		2.566	2.485	3.009	2.828	0.742	0.818	1.699	1.020

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	74.207%	98.140	97.420	97.640	96.950	95.130	79.576%	79.510%
2	00:28:40	77.714%	98.360	97.400	97.750	98.200	95.920	81.475%	83.089%
3	00:29:21	78.649%	99.400	98.390	97.460	98.070	98.320	82.668%	84.175%
x		76.857%	98.635%	97.740%	97.619%	97.741%	96.455%	81.240%	82.258%
σ		2.342%	n/a	n/a	n/a	n/a	n/a	1.559%	2.441%
%RSD		3.047	0.683	0.580	0.152	0.705	1.720	1.919	2.967

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:58	102.100	101.000	102.200	102.300	102.600	75.956%
2	00:28:40	102.200	101.700	102.900	103.400	103.000	79.075%
3	00:29:21	102.000	101.500	102.500	102.700	102.400	80.622%
x		102.093%	101.395%	102.549%	102.779%	102.672%	78.551%
σ		n/a	n/a	n/a	n/a	n/a	2.377%
%RSD		0.128	0.369	0.359	0.516	0.300	3.026

CCB9 12/30/2012 12:34:25 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:35:07	81.858%	0.043	1.780	2.169	0.000	-53.290	12.930	12.890
2	00:35:48	82.689%	-0.031	0.430	1.441	0.000	-54.780	15.430	13.160
3	00:36:30	82.038%	-0.031	1.908	1.563	0.000	-51.000	14.550	14.180
x		82.195%	-0.006	1.373	1.724	0.000	-53.030	14.300	13.410
σ		0.437%	0.043	0.819	0.390	0.000	1.903	1.269	0.680
%RSD		0.532	712.600	59.650	22.620	0.000	3.589	8.875	5.070
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:35:07	-2.830	3.091	0.000	-3.550	23.110	25.410	86.552%	0.153
2	00:35:48	-2.910	2.503	0.000	-3.233	49.100	26.930	86.644%	0.213
3	00:36:30	-2.839	2.717	0.000	-3.492	38.870	25.520	86.280%	0.154
x		-2.860	2.770	0.000	-3.425	37.020	25.950	86.492%	0.173
σ		0.044	0.298	0.000	0.169	13.090	0.846	0.189%	0.034
%RSD		1.538	10.750	0.000	4.934	35.360	3.261	0.218	19.790
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:35:07	0.116	-0.020	0.198	14.550	25.470	0.006	0.090	0.325
2	00:35:48	-0.050	0.007	0.158	9.965	22.020	0.009	0.049	0.539
3	00:36:30	0.034	0.020	0.170	7.796	15.590	0.033	0.151	0.570
x		0.033	0.002	0.175	10.770	21.030	0.016	0.097	0.478
σ		0.083	0.020	0.021	3.449	5.011	0.015	0.051	0.133
%RSD		251.700	1066.000	11.820	32.020	23.830	91.560	52.760	27.880
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:35:07	0.570	0.583	0.226	-0.095	-0.828	-0.108	0.000	0.308
2	00:35:48	0.404	0.693	0.289	-0.641	-1.429	-1.881	0.000	0.261
3	00:36:30	0.323	0.535	0.420	-0.576	-1.547	-1.325	0.000	0.352
x		0.432	0.604	0.312	-0.438	-1.268	-1.105	0.000	0.307
σ		0.126	0.081	0.099	0.298	0.386	0.907	0.000	0.045
%RSD		29.050	13.360	31.680	68.130	30.410	82.070	0.000	14.820
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:35:07	82.356%	0.150	0.136	82.962%	0.021	0.023	0.102	0.043
2	00:35:48	82.868%	0.082	0.226	83.979%	0.049	0.023	-0.008	0.041
3	00:36:30	83.031%	-0.061	0.177	84.508%	0.030	0.042	-0.058	-0.141
x		82.752%	0.057	0.180	83.816%	0.033	0.029	0.012	-0.019
σ		0.352%	0.108	0.045	0.786%	0.014	0.011	0.082	0.106
%RSD		0.425	189.700	25.090	0.937	41.630	38.000	691.000	545.200
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:35:07	82.652%	0.540	0.034	0.073	-0.038	0.107	84.188%	84.310%
2	00:35:48	83.978%	0.274	0.058	0.013	0.092	0.151	84.674%	85.157%
3	00:36:30	84.303%	0.470	0.078	0.006	-0.040	0.179	86.463%	86.852%
x		83.644%	0.428	0.057	0.031	0.005	0.145	85.108%	85.440%
σ		0.875%	0.138	0.022	0.037	0.076	0.036	1.198%	1.295%
%RSD		1.046	32.250	38.970	120.400	1502.000	25.100	1.408	1.515
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:35:07	0.040	0.071	0.046	0.044	0.047	84.869%		
2	00:35:48	0.031	0.052	0.031	0.019	0.036	85.602%		
3	00:36:30	0.039	0.038	0.037	0.031	0.033	86.161%		
x		0.037	0.054	0.038	0.031	0.039	85.544%		
σ		0.005	0.017	0.007	0.012	0.007	0.648%		
%RSD		13.910	31.130	19.710	39.500	18.140	0.758		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	83.287%	-0.031	43.310	44.310	0.000	196000.000	45960.000	46170.000
2	00:40:06	83.867%	-0.031	48.240	43.880	0.000	194400.000	46360.000	46670.000
3	00:40:48	86.962%	-0.031	45.210	43.600	0.000	189400.000	45600.000	46040.000
x		84.705%	-0.031	45.590	43.930	0.000	193300.000	45970.000	46290.000
σ		1.976%	0.000	2.487	0.358	0.000	3445.000	382.000	335.700
%RSD		2.332	0.000	5.456	0.816	0.000	1.782	0.831	0.725

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	-3.330	10590.000	0.000	2166.000	52120.000	51690.000	64.433%	2.330
2	00:40:06	-3.430	10620.000	0.000	2195.000	53790.000	52370.000	65.202%	1.901
3	00:40:48	-3.946	10470.000	0.000	2184.000	52690.000	51960.000	65.945%	1.799
x		-3.569	10560.000	0.000	2182.000	52870.000	52010.000	65.193%	2.010
σ		0.331	81.920	0.000	14.870	850.900	338.100	0.756%	0.282
%RSD		9.268	0.776	0.000	0.682	1.610	0.650	1.160	14.000

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	-3.616	0.512	3519.000	39850.000	39410.000	0.124	0.851	1.721
2	00:40:06	-3.274	0.265	3551.000	39280.000	40030.000	0.111	0.526	1.970
3	00:40:48	-4.148	0.564	3548.000	38570.000	39710.000	0.090	0.804	2.280
x		-3.680	0.447	3540.000	39230.000	39710.000	0.108	0.727	1.990
σ		0.441	0.159	17.540	643.100	309.000	0.017	0.176	0.280
%RSD		11.980	35.650	0.496	1.639	0.778	16.110	24.170	14.090

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	1.153	1.621	1.486	6.660	1.465	1.596	0.000	525.900
2	00:40:06	1.646	2.418	2.108	1.379	0.435	-2.781	0.000	528.300
3	00:40:48	1.999	1.912	2.512	4.672	-0.954	-0.575	0.000	523.700
x		1.599	1.983	2.036	4.237	0.315	-0.587	0.000	526.000
σ		0.425	0.404	0.517	2.667	1.214	2.188	0.000	2.283
%RSD		26.560	20.350	25.380	62.950	384.900	373.100	0.000	0.434

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	65.102%	0.233	0.429	63.312%	0.011	0.006	-0.020	-0.122
2	00:40:06	67.212%	0.151	0.226	65.499%	0.005	-0.007	-0.082	-0.157
3	00:40:48	68.859%	-0.081	0.147	66.742%	-0.001	0.011	-0.177	-0.139
x		67.058%	0.101	0.267	65.184%	0.005	0.003	-0.093	-0.139
σ		1.884%	0.163	0.145	1.736%	0.006	0.009	0.079	0.017
%RSD		2.809	161.200	54.330	2.664	117.800	284.200	85.350	12.310

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	68.286%	5.975	0.020	0.054	130.100	134.400	75.012%	75.599%
2	00:40:06	70.023%	4.794	0.061	0.044	137.600	132.100	77.801%	78.937%
3	00:40:48	71.984%	4.079	0.059	0.042	133.100	132.800	78.403%	80.740%
x		70.098%	4.949	0.047	0.047	133.600	133.100	77.072%	78.425%
σ		1.850%	0.958	0.023	0.006	3.779	1.178	1.809%	2.608%
%RSD		2.639	19.350	48.960	13.630	2.828	0.885	2.347	3.326

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:39:24	0.037	0.042	0.439	0.566	0.510	71.858%
2	00:40:06	0.024	0.029	0.476	0.367	0.419	75.681%
3	00:40:48	0.023	0.027	0.470	0.512	0.480	77.810%
x		0.028	0.032	0.462	0.482	0.470	75.116%
σ		0.008	0.008	0.020	0.103	0.047	3.016%
%RSD		27.640	24.670	4.315	21.310	9.908	4.015

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	83.854%	-0.031	99.190	96.530	0.000	112900.000	37760.000	37970.000
2	00:44:22	86.297%	-0.031	101.200	97.650	0.000	111000.000	37510.000	37690.000
3	00:45:04	86.113%	0.005	105.300	100.300	0.000	111800.000	37930.000	38100.000
x		85.421%	-0.019	101.900	98.160	0.000	111900.000	37730.000	37920.000
σ		1.361%	0.021	3.144	1.942	0.000	926.200	213.300	213.300
%RSD		1.593	112.100	3.085	1.979	0.000	0.828	0.565	0.563

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	3.493	5470.000	0.000	5457.000	49840.000	50300.000	64.997%	2.703
2	00:44:22	2.452	5426.000	0.000	5449.000	50590.000	50300.000	65.840%	2.510
3	00:45:04	2.761	5455.000	0.000	5495.000	50900.000	50440.000	66.249%	2.651
x		2.902	5450.000	0.000	5467.000	50440.000	50350.000	65.696%	2.621
σ		0.535	22.800	0.000	24.780	545.900	84.840	0.638%	0.100
%RSD		18.420	0.418	0.000	0.453	1.082	0.169	0.972	3.804

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	-4.321	0.342	642.000	28080.000	28220.000	0.230	1.213	3.738
2	00:44:22	-3.710	0.480	647.000	27780.000	28370.000	0.222	1.082	3.727
3	00:45:04	-4.767	0.521	649.000	27790.000	28650.000	0.186	0.864	3.774
x		-4.266	0.448	646.000	27880.000	28410.000	0.213	1.053	3.746
σ		0.530	0.093	3.597	173.000	217.800	0.023	0.176	0.025
%RSD		12.430	20.870	0.557	0.621	0.766	10.950	16.720	0.660

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	3.380	4.107	4.041	13.070	-1.647	-1.919	0.000	406.700
2	00:44:22	4.005	3.625	5.009	12.670	-1.243	-0.997	0.000	411.000
3	00:45:04	3.645	3.258	4.121	14.080	-0.262	-1.630	0.000	414.100
x		3.676	3.663	4.390	13.270	-1.051	-1.515	0.000	410.600
σ		0.314	0.426	0.537	0.724	0.712	0.471	0.000	3.718
%RSD		8.537	11.620	12.230	5.456	67.770	31.100	0.000	0.906

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	68.213%	0.048	-0.036	66.508%	0.005	0.005	-0.057	-0.013
2	00:44:22	68.928%	-0.114	0.007	68.150%	-0.001	-0.001	-0.095	-0.076
3	00:45:04	69.420%	-0.007	0.023	68.799%	0.004	-0.001	-0.011	-0.074
x		68.853%	-0.025	-0.002	67.819%	0.003	0.001	-0.054	-0.054
σ		0.607%	0.083	0.031	1.180%	0.003	0.004	0.042	0.036
%RSD		0.881	337.100	1406.000	1.741	116.300	365.200	76.560	66.310

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	71.132%	3.097	0.066	0.118	259.600	260.500	78.941%	79.454%
2	00:44:22	72.871%	2.668	0.116	0.181	262.800	257.800	79.787%	82.222%
3	00:45:04	73.420%	3.551	0.126	0.135	264.700	261.200	81.612%	82.698%
x		72.474%	3.105	0.102	0.145	262.400	259.800	80.113%	81.458%
σ		1.195%	0.441	0.032	0.033	2.557	1.768	1.365%	1.751%
%RSD		1.648	14.220	31.370	22.530	0.975	0.681	1.704	2.150

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:43:41	0.020	0.004	5.460	5.666	5.440	76.484%
2	00:44:22	-0.006	0.003	5.385	5.123	5.331	79.472%
3	00:45:04	0.006	0.004	4.977	5.362	5.207	80.714%
x		0.007	0.003	5.274	5.384	5.326	78.890%
σ		0.013	0.001	0.260	0.272	0.116	2.174%
%RSD		197.100	15.690	4.928	5.059	2.186	2.756

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	78.838%	0.008	18.210	21.140	0.000	23410.000	7658.000	7691.000
2	00:48:38	81.465%	-0.031	21.070	20.580	0.000	22840.000	7576.000	7611.000
3	00:49:20	81.345%	-0.031	18.080	19.810	0.000	22880.000	7525.000	7593.000
x		80.549%	-0.018	19.120	20.510	0.000	23040.000	7587.000	7632.000
σ		1.484%	0.022	1.690	0.672	0.000	317.500	66.850	51.910
%RSD		1.842	127.400	8.839	3.275	0.000	1.378	0.881	0.680

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	2.635	1144.000	0.000	1093.000	10170.000	10220.000	69.316%	0.586
2	00:48:38	0.824	1135.000	0.000	1089.000	10240.000	10100.000	69.989%	0.579
3	00:49:20	0.494	1127.000	0.000	1089.000	10540.000	10240.000	69.832%	0.358
x		1.318	1135.000	0.000	1090.000	10320.000	10190.000	69.712%	0.508
σ		1.152	8.738	0.000	2.119	193.200	72.900	0.352%	0.130
%RSD		87.460	0.770	0.000	0.194	1.873	0.716	0.505	25.530

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	-0.852	0.084	131.300	4838.000	5821.000	0.108	0.446	2.057
2	00:48:38	-0.280	0.047	130.000	4797.000	5747.000	0.032	0.414	2.188
3	00:49:20	-0.521	0.086	131.200	4789.000	5771.000	0.051	0.315	2.483
x		-0.551	0.072	130.900	4808.000	5780.000	0.063	0.392	2.243
σ		0.287	0.022	0.746	25.950	37.670	0.039	0.068	0.218
%RSD		52.100	30.190	0.570	0.540	0.652	62.130	17.330	9.730

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	2.294	2.656	2.690	2.949	0.305	-1.772	0.000	82.630
2	00:48:38	1.652	1.938	1.399	1.591	-1.130	-1.711	0.000	82.990
3	00:49:20	1.612	2.004	2.042	2.935	-2.068	-0.774	0.000	83.740
x		1.853	2.199	2.044	2.492	-0.964	-1.419	0.000	83.120
σ		0.383	0.397	0.646	0.780	1.195	0.560	0.000	0.569
%RSD		20.670	18.050	31.600	31.310	124.000	39.450	0.000	0.685

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	71.407%	-0.049	-0.054	72.321%	0.020	0.021	-0.051	-0.040
2	00:48:38	72.850%	-0.010	-0.014	73.826%	0.024	0.021	0.069	-0.013
3	00:49:20	72.259%	-0.142	-0.050	74.218%	0.009	0.004	0.031	-0.056
x		72.172%	-0.067	-0.040	73.455%	0.018	0.015	0.016	-0.036
σ		0.725%	0.068	0.022	1.001%	0.008	0.010	0.061	0.022
%RSD		1.005	101.200	55.260	1.363	44.910	63.710	372.000	59.630

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	74.335%	2.639	0.074	0.047	54.980	55.120	78.714%	80.459%
2	00:48:38	76.445%	2.725	0.044	0.024	54.110	52.720	80.944%	81.279%
3	00:49:20	76.417%	2.123	0.038	0.017	52.620	51.680	81.448%	82.123%
x		75.733%	2.496	0.052	0.029	53.900	53.170	80.369%	81.287%
σ		1.210%	0.326	0.019	0.016	1.192	1.765	1.455%	0.832%
%RSD		1.598	13.050	37.170	54.470	2.211	3.319	1.810	1.023

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:47:56	0.015	0.015	1.003	1.265	1.118	81.897%
2	00:48:38	0.011	0.012	1.017	1.092	1.088	85.005%
3	00:49:20	-0.002	-0.000	1.122	1.104	1.114	86.914%
x		0.008	0.009	1.047	1.154	1.107	84.605%
σ		0.009	0.008	0.065	0.096	0.016	2.532%
%RSD		106.100	89.220	6.219	8.324	1.478	2.993

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	86.117%	50.610	1076.000	1022.000	0.000	157900.000	87600.000	87900.000
2	00:52:54	86.665%	51.840	1072.000	1044.000	0.000	157600.000	87880.000	87720.000
3	00:53:37	88.510%	50.950	1067.000	1029.000	0.000	156300.000	87020.000	86990.000
x		87.097%	51.130	1072.000	1032.000	0.000	157300.000	87500.000	87540.000
σ		1.254%	0.635	4.571	10.900	0.000	856.200	442.000	481.400
%RSD		1.439	1.241	0.427	1.057	0.000	0.544	0.505	0.550

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	1720.000	14390.000	0.000	52630.000	100000.000	98680.000	66.161%	955.500
2	00:52:54	1717.000	14540.000	0.000	52420.000	99730.000	99980.000	66.980%	953.100
3	00:53:37	1715.000	14450.000	0.000	52160.000	99630.000	99860.000	67.261%	944.300
x		1717.000	14460.000	0.000	52400.000	99790.000	99510.000	66.801%	951.000
σ		2.456	72.340	0.000	237.200	186.500	717.200	0.571%	5.904
%RSD		0.143	0.500	0.000	0.453	0.187	0.721	0.855	0.621

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	477.300	194.100	1136.000	29380.000	29970.000	472.400	473.100	231.900
2	00:52:54	479.300	196.200	1145.000	29030.000	29960.000	472.100	467.800	233.900
3	00:53:37	476.400	195.500	1147.000	28900.000	30120.000	474.900	474.400	231.500
x		477.600	195.300	1143.000	29100.000	30010.000	473.100	471.800	232.400
σ		1.473	1.061	6.112	249.400	89.930	1.532	3.481	1.322
%RSD		0.308	0.543	0.535	0.857	0.300	0.324	0.738	0.569

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	230.100	479.900	474.600	48.060	6.425	9.026	0.000	1366.000
2	00:52:54	228.200	468.800	479.900	45.680	6.557	10.210	0.000	1357.000
3	00:53:37	231.200	478.700	489.300	48.760	9.545	8.325	0.000	1379.000
x		229.800	475.800	481.300	47.500	7.509	9.186	0.000	1367.000
σ		1.506	6.105	7.452	1.616	1.764	0.951	0.000	10.930
%RSD		0.655	1.283	1.548	3.402	23.500	10.360	0.000	0.799

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	68.423%	999.900	1006.000	65.975%	48.150	47.560	48.820	39.710
2	00:52:54	70.743%	999.400	1017.000	67.673%	48.500	47.340	46.680	39.850
3	00:53:37	70.372%	1021.000	1032.000	67.729%	49.560	48.120	49.470	40.520
x		69.846%	1007.000	1018.000	67.126%	48.730	47.670	48.320	40.030
σ		1.246%	12.350	12.820	0.997%	0.734	0.400	1.461	0.433
%RSD		1.784	1.227	1.259	1.485	1.506	0.839	3.023	1.083

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	70.824%	1938.000	487.500	484.600	2168.000	2161.000	77.076%	80.302%
2	00:52:54	72.888%	1941.000	483.900	489.500	2155.000	2137.000	81.595%	82.652%
3	00:53:37	72.845%	1986.000	496.400	492.100	2183.000	2164.000	82.419%	83.790%
x		72.186%	1955.000	489.300	488.700	2169.000	2154.000	80.364%	82.248%
σ		1.179%	26.490	6.409	3.768	14.010	14.590	2.877%	1.779%
%RSD		1.634	1.355	1.310	0.771	0.646	0.678	3.579	2.163

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:52:13	48.530	47.530	25.940	25.940	25.840	77.507%
2	00:52:54	47.430	47.180	25.370	25.260	25.490	82.161%
3	00:53:37	49.170	48.450	26.960	25.880	26.460	81.216%
x		48.370	47.720	26.090	25.690	25.930	80.295%
σ		0.879	0.655	0.805	0.380	0.489	2.460%
%RSD		1.818	1.373	3.085	1.478	1.884	3.064

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	85.843%	50.580	1090.000	1024.000	0.000	154400.000	86290.000	86540.000
2	00:57:12	86.770%	52.490	1080.000	1029.000	0.000	152800.000	85510.000	85820.000
3	00:57:53	87.392%	51.870	1081.000	1026.000	0.000	151700.000	85030.000	85000.000
x		86.669%	51.650	1083.000	1026.000	0.000	153000.000	85610.000	85790.000
σ		0.779%	0.977	5.606	2.881	0.000	1367.000	631.900	772.900
%RSD		0.899	1.892	0.518	0.281	0.000	0.894	0.738	0.901

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	1691.000	14460.000	0.000	51750.000	97300.000	96310.000	67.090%	936.800
2	00:57:12	1697.000	14480.000	0.000	51440.000	97830.000	96770.000	67.995%	958.600
3	00:57:53	1688.000	14410.000	0.000	50970.000	96160.000	96770.000	68.008%	941.300
x		1692.000	14450.000	0.000	51390.000	97100.000	96620.000	67.698%	945.600
σ		4.780	36.290	0.000	392.600	851.200	267.100	0.526%	11.510
%RSD		0.283	0.251	0.000	0.764	0.877	0.276	0.777	1.218

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	468.200	192.900	1099.000	28250.000	28830.000	473.000	465.000	231.200
2	00:57:12	475.600	190.700	1101.000	27930.000	29120.000	474.200	463.900	234.700
3	00:57:53	472.600	192.000	1107.000	27890.000	28930.000	472.300	471.500	228.600
x		472.100	191.900	1102.000	28020.000	28960.000	473.200	466.800	231.500
σ		3.727	1.130	4.528	194.500	148.300	0.931	4.088	3.032
%RSD		0.789	0.589	0.411	0.694	0.512	0.197	0.876	1.310

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	234.600	461.800	464.000	47.810	7.238	12.070	0.000	1346.000
2	00:57:12	233.000	469.900	466.900	49.240	9.140	7.026	0.000	1341.000
3	00:57:53	232.300	464.900	460.800	51.080	7.844	7.043	0.000	1338.000
x		233.300	465.500	463.900	49.380	8.074	8.713	0.000	1342.000
σ		1.182	4.094	3.066	1.641	0.972	2.908	0.000	3.764
%RSD		0.507	0.880	0.661	3.324	12.040	33.370	0.000	0.281

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	68.530%	996.400	1004.000	66.549%	47.990	46.600	46.800	39.500
2	00:57:12	69.978%	1006.000	1021.000	67.809%	47.370	47.210	44.870	37.290
3	00:57:53	70.189%	1001.000	1016.000	68.288%	46.430	48.040	46.470	39.130
x		69.566%	1001.000	1014.000	67.549%	47.260	47.280	46.050	38.640
σ		0.903%	4.735	8.490	0.898%	0.786	0.724	1.031	1.186
%RSD		1.298	0.473	0.838	1.330	1.663	1.531	2.239	3.069

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	71.370%	1925.000	479.000	478.100	2130.000	2111.000	79.606%	80.982%
2	00:57:12	72.979%	1934.000	480.400	478.300	2118.000	2097.000	81.833%	83.384%
3	00:57:53	72.941%	1932.000	482.100	483.800	2146.000	2116.000	81.453%	83.275%
x		72.430%	1930.000	480.500	480.100	2132.000	2108.000	80.964%	82.547%
σ		0.918%	4.535	1.595	3.221	14.070	9.915	1.191%	1.357%
%RSD		1.267	0.235	0.332	0.671	0.660	0.470	1.471	1.643

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:30	48.600	47.880	25.400	25.030	25.250	77.646%
2	00:57:12	49.020	47.250	25.310	25.460	25.380	80.977%
3	00:57:53	48.980	48.390	25.320	25.510	25.320	80.591%
x		48.870	47.840	25.340	25.330	25.320	79.738%
σ		0.235	0.569	0.053	0.266	0.061	1.822%
%RSD		0.482	1.190	0.208	1.048	0.241	2.285

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:47	86.571%	0.005	61.210	63.450	0.000	15300.000	15700.000	15710.000
2	01:01:28	87.795%	0.040	68.720	62.130	0.000	15400.000	15890.000	15940.000
3	01:02:10	90.677%	-0.031	60.590	58.690	0.000	15080.000	15660.000	15680.000
x		88.348%	0.005	63.510	61.420	0.000	15260.000	15750.000	15780.000
σ		2.108%	0.035	4.524	2.458	0.000	163.100	119.600	144.500
%RSD		2.386	711.500	7.124	4.002	0.000	1.069	0.760	0.916
Run	**Time**	**27Al**	**28Si**	**37Cl**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:47	55.960	6120.000	0.000	5277.000	64410.000	62920.000	66.302%	7.266
2	01:01:28	56.080	6221.000	0.000	5357.000	63530.000	64390.000	66.475%	5.995
3	01:02:10	52.780	6114.000	0.000	5300.000	64500.000	63560.000	66.775%	5.654
x		54.940	6152.000	0.000	5311.000	64150.000	63620.000	66.517%	6.305
σ		1.872	60.340	0.000	40.910	531.900	738.300	0.239%	0.849
%RSD		3.407	0.981	0.000	0.770	0.829	1.160	0.360	13.470
Run	**Time**	**51V**	**52Cr**	**55Mn**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**63Cu**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:47	1.063	1.333	311.600	2433.000	3071.000	0.524	1.438	3.748
2	01:01:28	-0.539	1.477	316.000	2451.000	3108.000	0.322	1.663	4.556
3	01:02:10	-2.704	1.272	313.400	2428.000	3044.000	0.266	1.359	4.159
x		-0.727	1.361	313.700	2437.000	3074.000	0.371	1.487	4.154
σ		1.891	0.106	2.187	12.170	32.310	0.136	0.158	0.404
%RSD		260.200	7.750	0.697	0.499	1.051	36.680	10.620	9.728
Run	**Time**	**65Cu**	**66Zn**	**68Zn**	**75As**	**78Se**	**82Se**	**83Kr**	**88Sr**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:47	4.184	3.625	3.378	-1.007	-1.519	-1.695	0.000	353.200
2	01:01:28	3.892	3.704	3.815	0.413	-0.408	-1.291	0.000	360.400
3	01:02:10	3.930	2.796	3.533	3.258	-2.004	-1.985	0.000	354.300
x		4.002	3.375	3.576	0.888	-1.311	-1.657	0.000	356.000
σ		0.159	0.503	0.221	2.172	0.818	0.348	0.000	3.888
%RSD		3.962	14.910	6.188	244.600	62.430	21.030	0.000	1.092
Run	**Time**	**89Y**	**95Mo**	**98Mo**	**103Rh**	**107Ag**	**109Ag**	**111Cd**	**114Cd**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:47	68.360%	5.416	5.212	67.880%	0.027	0.034	0.157	0.048
2	01:01:28	69.414%	3.099	3.284	69.490%	0.010	0.010	-0.086	-0.137
3	01:02:10	70.453%	2.483	2.103	69.713%	0.004	0.005	0.008	-0.132
x		69.409%	3.666	3.533	69.028%	0.014	0.016	0.026	-0.073
σ		1.046%	1.546	1.569	1.000%	0.012	0.016	0.122	0.105
%RSD		1.508	42.180	44.420	1.449	85.690	95.810	462.200	143.400
Run	**Time**	**115In**	**118Sn**	**121Sb**	**123Sb**	**135Ba**	**137Ba**	**159Tb**	**165Ho**
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:47	72.944%	11.030	0.444	0.477	55.500	54.080	78.758%	79.081%
2	01:01:28	73.489%	7.757	0.320	0.290	55.990	56.500	80.192%	81.514%
3	01:02:10	74.572%	6.816	0.259	0.220	55.730	55.380	81.144%	82.525%
x		73.668%	8.533	0.341	0.329	55.740	55.320	80.031%	81.040%
σ		0.829%	2.209	0.094	0.133	0.246	1.211	1.201%	1.770%
%RSD		1.125	25.890	27.670	40.460	0.441	2.189	1.501	2.184
Run	**Time**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:00:47	0.569	0.571	0.244	0.268	0.300	79.125%		
2	01:01:28	0.424	0.369	0.298	0.280	0.309	81.777%		
3	01:02:10	0.305	0.265	0.259	0.331	0.289	83.485%		
x		0.433	0.402	0.267	0.293	0.299	81.462%		
σ		0.132	0.156	0.028	0.034	0.010	2.197%		
%RSD		30.530	38.840	10.580	11.560	3.267	2.697		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	82.624%	0.120	91.370	84.020	0.000	129000.000	19530.000	19700.000
2	01:05:46	83.376%	0.007	92.500	86.850	0.000	128000.000	19630.000	19720.000
3	01:06:28	84.977%	0.079	90.740	85.710	0.000	127700.000	19580.000	19730.000
x		83.659%	0.069	91.540	85.530	0.000	128200.000	19580.000	19720.000
σ		1.201%	0.057	0.894	1.421	0.000	690.700	50.480	18.040
%RSD		1.436	83.580	0.976	1.661	0.000	0.539	0.258	0.092

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	22.480	8233.000	0.000	15230.000	75280.000	75440.000	63.994%	4.937
2	01:05:46	22.260	8260.000	0.000	15220.000	76750.000	75960.000	64.254%	4.915
3	01:06:28	23.300	8276.000	0.000	15200.000	77340.000	76680.000	64.060%	5.171
x		22.680	8256.000	0.000	15220.000	76460.000	76030.000	64.103%	5.008
σ		0.550	22.000	0.000	16.190	1060.000	621.400	0.135%	0.142
%RSD		2.425	0.266	0.000	0.106	1.387	0.817	0.211	2.834

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	0.092	1.187	5140.000	11240.000	11280.000	0.185	1.466	2.118
2	01:05:46	0.264	1.426	5190.000	11140.000	11450.000	0.334	0.936	2.672
3	01:06:28	-0.815	1.266	5233.000	11180.000	11510.000	0.279	1.198	2.699
x		-0.153	1.293	5187.000	11180.000	11420.000	0.266	1.200	2.496
σ		0.579	0.122	46.660	48.740	120.000	0.075	0.265	0.328
%RSD		378.500	9.431	0.900	0.436	1.051	28.340	22.090	13.140

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	2.322	6.022	7.333	8.908	-1.874	0.515	0.000	780.400
2	01:05:46	2.800	6.870	7.468	8.276	-2.789	-0.804	0.000	786.100
3	01:06:28	2.563	5.903	6.849	7.434	-0.430	-0.763	0.000	786.800
x		2.561	6.265	7.217	8.206	-1.697	-0.351	0.000	784.400
σ		0.239	0.528	0.325	0.739	1.189	0.750	0.000	3.482
%RSD		9.329	8.419	4.510	9.010	70.060	213.900	0.000	0.444

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	65.963%	0.737	0.837	64.021%	0.017	0.006	0.023	-0.092
2	01:05:46	66.979%	0.767	0.904	65.466%	0.011	0.005	-0.096	-0.232
3	01:06:28	67.219%	0.538	0.664	65.469%	0.005	0.005	-0.100	-0.027
x		66.720%	0.681	0.801	64.985%	0.011	0.005	-0.058	-0.117
σ		0.667%	0.124	0.124	0.835%	0.006	0.000	0.070	0.104
%RSD		0.999	18.250	15.460	1.285	55.150	3.262	121.000	89.120

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	68.898%	4.933	0.275	0.232	179.300	175.600	76.125%	77.221%
2	01:05:46	69.961%	5.282	0.223	0.251	181.700	179.400	77.754%	79.862%
3	01:06:28	71.245%	4.808	0.254	0.201	180.300	177.900	78.985%	79.900%
x		70.035%	5.008	0.251	0.228	180.400	177.700	77.621%	78.994%
σ		1.175%	0.246	0.026	0.025	1.214	1.904	1.435%	1.536%
%RSD		1.678	4.906	10.550	11.120	0.673	1.072	1.849	1.944

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:05	0.194	0.214	0.502	0.663	0.568	74.837%
2	01:05:46	0.172	0.156	0.562	0.454	0.526	77.068%
3	01:06:28	0.176	0.144	0.550	0.479	0.517	78.191%
x		0.181	0.171	0.538	0.532	0.537	76.699%
σ		0.012	0.037	0.032	0.114	0.028	1.707%
%RSD		6.654	21.740	5.861	21.410	5.138	2.226

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	83.211%	-0.031	45.880	45.080	0.000	202200.000	50020.000	50410.000
2	01:10:04	82.763%	0.007	46.610	46.830	0.000	203000.000	51020.000	51330.000
3	01:10:46	85.376%	0.079	50.320	44.480	0.000	200000.000	50510.000	50940.000
x		83.783%	0.018	47.600	45.460	0.000	201700.000	50520.000	50890.000
σ		1.398%	0.055	2.383	1.221	0.000	1559.000	498.200	463.200
%RSD		1.668	304.100	5.005	2.686	0.000	0.773	0.986	0.910

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	154.600	9649.000	0.000	4035.000	64900.000	65760.000	65.059%	12.180
2	01:10:04	156.700	9771.000	0.000	4094.000	66340.000	66160.000	65.492%	11.070
3	01:10:46	152.600	9631.000	0.000	4098.000	67410.000	66410.000	66.083%	10.890
x		154.600	9684.000	0.000	4076.000	66220.000	66110.000	65.545%	11.380
σ		2.036	76.170	0.000	35.620	1256.000	326.000	0.514%	0.701
%RSD		1.317	0.787	0.000	0.874	1.897	0.493	0.785	6.160

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	-2.458	0.549	436.700	48310.000	49060.000	0.384	0.920	3.087
2	01:10:04	-2.581	0.690	442.700	48120.000	49720.000	0.312	0.584	3.179
3	01:10:46	-3.002	0.734	441.100	47820.000	49820.000	0.386	1.150	3.239
x		-2.680	0.657	440.200	48080.000	49530.000	0.361	0.884	3.168
σ		0.285	0.097	3.109	244.700	415.800	0.042	0.285	0.076
%RSD		10.640	14.680	0.706	0.509	0.840	11.760	32.170	2.410

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	2.656	3.970	3.928	12.200	0.258	-0.892	0.000	631.700
2	01:10:04	2.240	3.810	4.019	11.860	-1.092	-0.768	0.000	643.900
3	01:10:46	3.589	3.309	4.114	10.870	-0.135	-0.105	0.000	645.800
x		2.828	3.696	4.020	11.640	-0.323	-0.589	0.000	640.500
σ		0.691	0.345	0.093	0.689	0.695	0.423	0.000	7.668
%RSD		24.430	9.332	2.307	5.913	215.200	71.880	0.000	1.197

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	67.886%	0.486	0.414	65.288%	0.005	0.011	-0.078	-0.197
2	01:10:04	68.857%	0.313	0.428	66.972%	0.005	0.005	-0.053	-0.010
3	01:10:46	69.833%	0.384	0.439	67.629%	-0.001	-0.007	-0.006	-0.101
x		68.859%	0.395	0.427	66.630%	0.003	0.003	-0.046	-0.103
σ		0.974%	0.087	0.013	1.207%	0.003	0.009	0.036	0.094
%RSD		1.414	22.060	2.929	1.812	113.600	295.900	79.410	91.270

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	70.094%	4.756	0.193	0.144	226.200	220.600	77.339%	78.188%
2	01:10:04	72.515%	4.521	0.157	0.183	222.600	224.400	78.876%	81.357%
3	01:10:46	72.645%	4.054	0.139	0.182	230.600	222.000	79.976%	82.184%
x		71.751%	4.444	0.163	0.169	226.500	222.300	78.730%	80.576%
σ		1.437%	0.358	0.027	0.022	4.004	1.883	1.324%	2.109%
%RSD		2.003	8.045	16.780	13.190	1.768	0.847	1.682	2.618

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:09:23	0.082	0.087	0.797	0.761	0.730	74.217%
2	01:10:04	0.092	0.092	0.746	0.667	0.743	78.395%
3	01:10:46	0.047	0.069	0.697	0.696	0.726	79.532%
x		0.074	0.083	0.747	0.708	0.733	77.381%
σ		0.024	0.012	0.050	0.048	0.009	2.799%
%RSD		32.190	14.790	6.695	6.817	1.184	3.617

180-17288-A-10-A 12/30/2012 1:12:59 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	83.083%	0.081	122.600	120.400	0.000	114900.000	30100.000	30150.000
2	01:14:22	85.577%	0.187	118.600	116.700	0.000	113900.000	30280.000	30420.000
3	01:15:03	86.724%	0.113	127.900	113.600	0.000	113000.000	29910.000	30200.000
x		85.128%	0.127	123.100	116.900	0.000	113900.000	30090.000	30260.000
σ		1.862%	0.054	4.684	3.423	0.000	991.500	184.800	142.600
%RSD		2.187	42.800	3.807	2.928	0.000	0.870	0.614	0.471

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	81.860	10850.000	0.000	7220.000	78380.000	77290.000	66.037%	10.200
2	01:14:22	86.490	10950.000	0.000	7314.000	78940.000	78620.000	66.417%	10.290
3	01:15:03	85.030	10910.000	0.000	7349.000	79030.000	78740.000	66.974%	9.970
x		84.460	10900.000	0.000	7294.000	78780.000	78220.000	66.476%	10.150
σ		2.368	46.890	0.000	67.110	353.900	808.400	0.471%	0.164
%RSD		2.803	0.430	0.000	0.920	0.449	1.034	0.709	1.619

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	0.752	1.957	523.600	57300.000	58070.000	0.457	3.863	7.266
2	01:14:22	2.003	2.113	530.900	57340.000	59170.000	0.559	4.503	7.395
3	01:15:03	0.918	1.900	531.900	57070.000	59240.000	0.491	3.622	7.557
x		1.224	1.990	528.800	57240.000	58830.000	0.502	3.996	7.406
σ		0.680	0.110	4.527	146.900	658.100	0.052	0.455	0.146
%RSD		55.520	5.544	0.856	0.257	1.119	10.340	11.400	1.964

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	6.451	34.420	34.180	19.530	-0.513	-0.468	0.000	691.800
2	01:14:22	6.961	31.850	30.640	18.410	-0.424	0.499	0.000	701.300
3	01:15:03	6.970	33.340	36.480	20.660	-0.179	-0.039	0.000	698.500
x		6.794	33.200	33.770	19.530	-0.372	-0.003	0.000	697.200
σ		0.297	1.292	2.946	1.126	0.173	0.484	0.000	4.891
%RSD		4.374	3.892	8.726	5.763	46.600	18840.000	0.000	0.702

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	68.589%	0.519	0.495	67.177%	-0.001	0.011	0.022	0.040
2	01:14:22	69.839%	0.519	0.556	68.522%	0.054	0.022	0.005	-0.027
3	01:15:03	70.557%	0.495	0.538	69.301%	0.021	0.005	-0.010	-0.078
x		69.662%	0.511	0.530	68.333%	0.025	0.013	0.006	-0.022
σ		0.996%	0.014	0.031	1.075%	0.028	0.009	0.016	0.059
%RSD		1.429	2.744	5.901	1.573	112.300	70.830	279.700	271.700

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	71.831%	3.605	0.363	0.424	173.200	168.000	78.373%	80.756%
2	01:14:22	73.163%	4.010	0.417	0.509	171.200	172.000	81.888%	83.017%
3	01:15:03	73.742%	3.704	0.404	0.529	169.700	170.300	80.944%	83.495%
x		72.912%	3.773	0.395	0.487	171.400	170.100	80.402%	82.423%
σ		0.980%	0.212	0.028	0.056	1.778	1.981	1.820%	1.463%
%RSD		1.344	5.606	7.201	11.390	1.037	1.165	2.263	1.775

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:40	0.065	0.071	1.568	1.518	1.524	77.449%
2	01:14:22	0.089	0.088	1.528	1.465	1.524	80.467%
3	01:15:03	0.072	0.084	1.468	1.376	1.450	81.928%
x		0.076	0.081	1.522	1.453	1.499	79.948%
σ		0.013	0.009	0.050	0.072	0.042	2.284%
%RSD		16.720	10.810	3.300	4.938	2.834	2.857

CCV 664806 12/30/2012 1:20:06 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	76.065%	103.200	99.320	95.590	0.000	47810.000	40940.000	41030.000
2	01:21:30	77.297%	99.730	94.770	96.790	0.000	46840.000	40930.000	41150.000
3	01:22:11	77.878%	100.300	98.680	94.310	0.000	46580.000	40930.000	41230.000
x		77.080%	101.063%	97.590%	95.564%	0.000	94.154%	81.860%	82.270%
σ		0.926%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.201	1.840	2.520	1.297	0.000	1.369	0.015	0.249

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	457.100	4872.000	0.000	48620.000	47730.000	46680.000	72.992%	97.390
2	01:21:30	453.300	4851.000	0.000	48320.000	47740.000	47410.000	73.763%	98.090
3	01:22:11	468.600	4844.000	0.000	47960.000	47450.000	46880.000	74.761%	97.390
x		91.937%	97.113%	0.000	96.599%	95.280%	93.980%	73.838%	97.625%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.887%	n/a
%RSD		1.725	0.299	0.000	0.691	0.350	0.805	1.201	0.416

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	98.100	98.440	475.500	24750.000	24030.000	98.800	98.010	100.900
2	01:21:30	96.640	99.160	481.200	24540.000	24380.000	100.800	103.200	103.300
3	01:22:11	96.730	98.340	478.000	24320.000	24260.000	99.020	103.300	101.800
x		97.156%	98.647%	95.644%	98.139%	96.891%	99.545%	101.484%	101.998%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.842	0.455	0.597	0.869	0.733	1.110	2.963	1.227

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	102.500	99.370	102.700	100.000	96.440	97.170	0.000	97.940
2	01:21:30	101.400	99.300	102.600	100.400	96.620	102.300	0.000	96.370
3	01:22:11	105.200	102.400	103.100	97.710	92.220	98.460	0.000	97.880
x		103.047%	100.367%	102.791%	99.393%	95.092%	99.315%	0.000	97.398%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.866	1.782	0.251	1.480	2.622	2.695	0.000	0.912

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	73.136%	98.880	98.690	72.562%	97.610	98.680	96.940	94.860
2	01:21:30	75.823%	98.510	99.880	75.189%	97.810	98.620	98.810	97.830
3	01:22:11	76.007%	103.000	102.700	75.986%	98.900	97.550	98.110	95.540
x		74.989%	100.138%	100.420%	74.579%	98.110%	98.284%	97.953%	96.076%
σ		1.607%	n/a	n/a	1.791%	n/a	n/a	n/a	n/a
%RSD		2.143	2.503	2.043	2.402	0.710	0.652	0.966	1.619

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	75.077%	99.070	98.460	99.410	95.300	97.730	79.270%	80.212%
2	01:21:30	76.438%	99.860	99.810	100.900	96.950	98.610	81.587%	82.631%
3	01:22:11	78.464%	97.220	97.410	98.630	96.440	97.350	83.749%	84.881%
x		76.660%	98.717%	98.562%	99.661%	96.230%	97.896%	81.535%	82.574%
σ		1.704%	n/a	n/a	n/a	n/a	n/a	2.240%	2.335%
%RSD		2.223	1.370	1.221	1.179	0.876	0.660	2.748	2.828

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:20:48	101.000	101.000	103.900	101.400	102.600	76.239%
2	01:21:30	101.500	101.400	103.700	103.100	103.200	79.334%
3	01:22:11	101.200	100.800	101.600	101.900	102.000	81.278%
x		101.245%	101.095%	103.092%	102.141%	102.578%	78.950%
σ		n/a	n/a	n/a	n/a	n/a	2.542%
%RSD		0.257	0.304	1.253	0.858	0.575	3.219

CCB 10 12/30/2012 1:27:15 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	90.103%	0.003	0.934	1.943	0.000	-20.830	31.090	31.680
2	01:28:38	90.671%	0.104	0.924	1.881	0.000	26.030	51.910	52.730
3	01:29:20	90.866%	0.003	2.984	1.753	0.000	5.032	45.780	48.070
x		90.547%	0.037	1.614	1.859	0.000	3.412	42.930	44.160
σ		0.396%	0.058	1.187	0.097	0.000	23.470	10.700	11.050
%RSD		0.437	158.800	73.520	5.204	0.000	688.000	24.930	25.030

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	-0.575	1.698	0.000	8.713	105.500	60.650	86.927%	-0.027
2	01:28:38	3.126	3.571	0.000	26.180	105.800	114.500	86.710%	0.512
3	01:29:20	1.991	3.300	0.000	15.790	135.800	89.090	87.361%	0.091
x		1.514	2.856	0.000	16.890	115.700	88.070	87.000%	0.192
σ		1.896	1.012	0.000	8.785	17.420	26.930	0.331%	0.284
%RSD		125.200	35.450	0.000	52.000	15.050	30.570	0.381	147.700

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	0.197	0.047	0.606	24.050	36.220	0.093	0.008	0.408
2	01:28:38	0.091	0.173	1.353	31.800	48.810	0.120	0.068	0.620
3	01:29:20	0.123	0.074	1.039	26.590	34.910	0.130	0.147	0.499
x		0.137	0.098	0.999	27.480	39.980	0.114	0.074	0.509
σ		0.054	0.066	0.375	3.952	7.674	0.019	0.070	0.107
%RSD		39.530	67.580	37.570	14.380	19.190	16.690	93.680	20.940

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	0.401	0.484	0.608	-0.115	-0.748	-1.105	0.000	0.821
2	01:28:38	0.681	0.952	0.486	-0.222	-1.117	-0.526	0.000	1.501
3	01:29:20	0.657	0.879	0.878	0.130	-1.125	-0.660	0.000	1.116
x		0.579	0.772	0.657	-0.069	-0.997	-0.764	0.000	1.146
σ		0.155	0.252	0.201	0.180	0.215	0.303	0.000	0.341
%RSD		26.810	32.640	30.510	260.700	21.610	39.710	0.000	29.760

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	83.451%	0.164	0.238	86.575%	0.034	0.056	0.099	-0.036
2	01:28:38	84.275%	0.310	0.195	87.276%	0.091	0.084	-0.012	-0.013
3	01:29:20	84.344%	0.233	0.201	87.601%	0.073	0.026	0.061	0.004
x		84.023%	0.236	0.211	87.151%	0.066	0.056	0.049	-0.015
σ		0.497%	0.073	0.023	0.524%	0.029	0.029	0.057	0.020
%RSD		0.591	31.060	10.930	0.601	44.320	52.180	114.900	133.700

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	83.826%	0.725	0.104	0.065	0.386	0.545	82.725%	83.335%
2	01:28:38	85.266%	0.736	0.097	0.160	0.585	0.625	84.530%	85.430%
3	01:29:20	87.006%	0.638	0.070	0.119	0.294	0.466	84.677%	86.024%
x		85.366%	0.700	0.091	0.115	0.422	0.545	83.977%	84.930%
σ		1.592%	0.054	0.018	0.047	0.149	0.080	1.087%	1.413%
%RSD		1.865	7.685	19.640	41.350	35.240	14.600	1.295	1.663

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb
1	01:27:56	0.126	0.088	0.056	0.064	0.066	85.004%
2	01:28:38	0.108	0.103	0.072	0.127	0.099	86.509%
3	01:29:20	0.119	0.103	0.068	0.102	0.082	87.318%
x		0.118	0.098	0.066	0.098	0.083	86.277%
σ		0.009	0.009	0.008	0.031	0.016	1.174%
%RSD		7.354	9.265	12.750	32.160	19.860	1.361

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69294 Batch Start Date: 12/18/12 19:10 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 12/19/12 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXTCLPACETIC 00005	EXTCLPFILTERS 00012	EXTCLPHCLW 00018	EXTCLPNAOH 00010	AnalysisComment	
LB 240-69294/1		1311, 3010A, 6010B/DOD		1 mL	1	1 mL	1 g		
240-18735-C-5	070-0058-0001-IDW	1311, 3010A, 6010B/DOD	P	1 mL	1	1 mL	1 g	DOD - MS/MSD for Metals, MS for Herb	
240-18735-F-6	070-0059-0001-IDW	1311, 3010A, 6010B/DOD	P	1 mL	1	1 mL	1 g	DOD - MS for Pest, MS for BNAs	

Batch Notes	
Tumbler Rotations per Minute	A, B, C = 31rpm

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69405 Batch Start Date: 12/19/12 12:05 Batch Analyst: McGall, Lisa

Batch Method: 3010A Batch End Date: 12/19/12 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MT1to1HCL 00019	MTAGSPIKEW 00024	MTHNO3 00039	MTICP1 00019
LB 240-69294/1-A		3010A, 6010B/DOD		50 mL	50 mL	5 mL		3 mL	
MB 240-69405/2		3010A, 6010B/DOD		50 mL	50 mL	5 mL		3 mL	
LCS 240-69405/3		3010A, 6010B/DOD		50 mL	50 mL	5 mL	1 mL	3 mL	1 mL
240-18735-C-5-B	070-0058-0001-ID W	3010A, 6010B/DOD	P	50 mL	50 mL	5 mL		3 mL	
240-18735-C-5-B MS	070-0058-0001-ID W	3010A, 6010B/DOD	P	50 mL	50 mL	5 mL		3 mL	
240-18735-C-5-B MSD	070-0058-0001-ID W	3010A, 6010B/DOD	P	50 mL	50 mL	5 mL		3 mL	
240-18735-F-6-B	070-0059-0001-ID W	3010A, 6010B/DOD	P	12.5 mL	50 mL	5 mL		3 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTNONRCRA 00005	MTRCRA 00005	AnalysisComment			
LB 240-69294/1-A		3010A, 6010B/DOD							
MB 240-69405/2		3010A, 6010B/DOD							
LCS 240-69405/3		3010A, 6010B/DOD							
240-18735-C-5-B	070-0058-0001-ID W	3010A, 6010B/DOD	P						
240-18735-C-5-B MS	070-0058-0001-ID W	3010A, 6010B/DOD	P	1 mL	0.5 mL	spiked prior to preservation			
240-18735-C-5-B MSD	070-0058-0001-ID W	3010A, 6010B/DOD	P	1 mL	0.5 mL	spiked prior to preservation			
240-18735-F-6-B	070-0059-0001-ID W	3010A, 6010B/DOD	P			4x dilution due to matrix			

Batch Notes	
Filter Paper Lot Number	7027633
Pipette ID	383363-383364-383389
Digestion Tube/Cup Lot #	1205258

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69405 Batch Start Date: 12/19/12 12:05 Batch Analyst: McGall, Lisa

Batch Method: 3010A Batch End Date: 12/19/12 20:00

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69294 Batch Start Date: 12/18/12 19:10 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 12/19/12 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXTCLPACETIC 00005	EXTCLPFILTERS 00012	EXTCLPHCLW 00018	EXTCLPNAOH 00010	AnalysisComment	
LB 240-69294/1		1311, 7470A, 7470A/DOD		1 mL	1	1 mL	1 g		
240-18735-C-5	070-0058-0001-ID W	1311, 7470A, 7470A/DOD	P	1 mL	1	1 mL	1 g	DOD - MS/MSD for Metals, MS for Herb	
240-18735-F-6	070-0059-0001-ID W	1311, 7470A, 7470A/DOD	P	1 mL	1	1 mL	1 g	DOD - MS for Pest, MS for BNAs	

Batch Notes	
Tumbler Rotations per Minute	A, B, C = 31rpm

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69409 Batch Start Date: 12/20/12 11:20 Batch Analyst: McGall, Lisa

Batch Method: 7470A Batch End Date: 12/20/12 13:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00010	MTHGICVW 00452	MTHGICVW 00453	MTHNO3 00039
LB 240-69294/1-A		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
MB 240-69409/2		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
LCS 240-69409/3		7470A, 7470A/DOD		100 mL	100 mL	5 mL		1 mL	2.5 mL
240-18735-C-5-B	070-0058-0001-ID W	7470A, 7470A/DOD	P	100 mL	100 mL	5 mL			2.5 mL
240-18735-C-5-B MS	070-0058-0001-ID W	7470A, 7470A/DOD	P	100 mL	100 mL	5 mL	1 mL		2.5 mL
240-18735-C-5-B MSD	070-0058-0001-ID W	7470A, 7470A/DOD	P	100 mL	100 mL	5 mL	1 mL		2.5 mL
240-18735-F-6-B	070-0059-0001-ID W	7470A, 7470A/DOD	P	100 mL	100 mL	5 mL			2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTK2S208RGNT 00031	MTKMnO4Liq 00010	AnalysisComment			
LB 240-69294/1-A		7470A, 7470A/DOD		8 mL	15 mL				
MB 240-69409/2		7470A, 7470A/DOD		8 mL	15 mL				
LCS 240-69409/3		7470A, 7470A/DOD		8 mL	15 mL				
240-18735-C-5-B	070-0058-0001-ID W	7470A, 7470A/DOD	P	8 mL	15 mL				
240-18735-C-5-B MS	070-0058-0001-ID W	7470A, 7470A/DOD	P	8 mL	15 mL	spiked prior to preservation			
240-18735-C-5-B MSD	070-0058-0001-ID W	7470A, 7470A/DOD	P	8 mL	15 mL	spiked prior to preservation			
240-18735-F-6-B	070-0059-0001-ID W	7470A, 7470A/DOD	P	8 mL	15 mL				

Batch Notes	
Pipette ID	383364
Digestion Tube/Cup Lot #	00052865

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69493 Batch Start Date: 12/19/12 10:24 Batch Analyst: Heakin, David

Batch Method: 7470A Batch End Date: 12/19/12 12:24

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00010	MTHGCALW 00293	MTHGICVW 00452	MTHNO3 00039
ICV 240-69493/7		7470A, 7470A/DOD		100 mL	100 mL	5 mL		0.5 mL	2.5 mL
ICB 240-69493/8		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
CRA 240-69493/9		7470A, 7470A/DOD		100 mL	100 mL	5 mL	0.2 mL		2.5 mL
CCVL 240-69493/10		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCV 240-69493/11		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCB 240-69493/12		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTK2S208RGNT 00031	MTKMnO4Liq 00010				
ICV 240-69493/7		7470A, 7470A/DOD		8 mL	15 mL				
ICB 240-69493/8		7470A, 7470A/DOD		8 mL	15 mL				
CRA 240-69493/9		7470A, 7470A/DOD		8 mL	15 mL				
CCVL 240-69493/10		7470A, 7470A/DOD		8 mL	15 mL				
CCV 240-69493/11		7470A, 7470A/DOD		8 mL	15 mL				
CCB 240-69493/12		7470A, 7470A/DOD		8 mL	15 mL				

Batch Notes	
Pipette ID	383364, 383366
Digestion Tube/Cup Lot #	00052865

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 70255 Batch Start Date: 12/27/12 16:00 Batch Analyst: McGall, Lisa

Batch Method: 7470A Batch End Date: 12/27/12 18:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00011	MTHGICVW 00456	MTHNO3 00039	MTK2S2O8Liq 00017
MB 240-70255/1		7470A, 7470A/DOD		100 mL	100 mL	5 mL		2.5 mL	8 mL
LCS 240-70255/2		7470A, 7470A/DOD		100 mL	100 mL	5 mL	1 mL	2.5 mL	8 mL
240-18735-S-3	070-0056-0001-SOURCE WATER	7470A, 7470A/DOD	T	100 mL	100 mL	5 mL		2.5 mL	8 mL
240-18735-S-4	070-0057-0001-SOURCE WATER	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 00010					
MB 240-70255/1		7470A, 7470A/DOD		15 mL					
LCS 240-70255/2		7470A, 7470A/DOD		15 mL					
240-18735-S-3	070-0056-0001-SOURCE WATER	7470A, 7470A/DOD	T	15 mL					
240-18735-S-4	070-0057-0001-SOURCE WATER	7470A, 7470A/DOD	T	15 mL					

Batch Notes	
Pipette ID	432085 383364
Digestion Tube/Cup Lot #	00052609

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 70435 Batch Start Date: 12/28/12 09:20 Batch Analyst: Heakin, David

Batch Method: 7470A Batch End Date: 12/28/12 11:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTH2S04 00011	MTHGCALW 00295	MTHGICVW 00457	MTHNO3 00039
ICV 240-70435/7		7470A, 7470A/DOD		100 mL	100 mL	5 mL		0.5 mL	2.5 mL
ICB 240-70435/8		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL
CRA 240-70435/9		7470A, 7470A/DOD		100 mL	100 mL	5 mL	0.2 mL		2.5 mL
CCVL 240-70435/10		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCV 240-70435/11		7470A, 7470A/DOD		100 mL	100 mL	5 mL	5 mL		2.5 mL
CCB 240-70435/12		7470A, 7470A/DOD		100 mL	100 mL	5 mL			2.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTK2S2O8Liq 00017	MTKMnO4Liq 00010				
ICV 240-70435/7		7470A, 7470A/DOD		8 mL	15 mL				
ICB 240-70435/8		7470A, 7470A/DOD		8 mL	15 mL				
CRA 240-70435/9		7470A, 7470A/DOD		8 mL	15 mL				
CCVL 240-70435/10		7470A, 7470A/DOD		8 mL	15 mL				
CCV 240-70435/11		7470A, 7470A/DOD		8 mL	15 mL				
CCB 240-70435/12		7470A, 7470A/DOD		8 mL	15 mL				

Batch Notes	
Pipette ID	383364, 383366
Digestion Tube/Cup Lot #	00052609

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-18735-2

SDG No.:

Batch Number: 59308 Batch Start Date: 12/24/12 10:00 Batch Analyst: Haluck, Caitlyn

Batch Method: 3005A Batch End Date: 12/24/12 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAPITTICPMS 00010	MTAPITTMSA 00012	MTAPITTMSC 00016	
MB 180-59308/1		3005A, 6020/DOD		50 mL	50 mL				
LCS 180-59308/2		3005A, 6020/DOD		50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL	
LCSD 180-59308/3		3005A, 6020/DOD		50 mL	50 mL	0.5 mL	0.5 mL	0.5 mL	
240-18735-G-3	070-0056-0001-SOURCE WATER	3005A, 6020/DOD	R	50 mL	50 mL				
240-18735-G-4	070-0057-0001-SOURCE WATER	3005A, 6020/DOD	R	50 mL	50 mL				

Batch Notes	
Batch Comment	METALS D1
First End time	1400
Lot # of hydrochloric acid	2.5ML 574080
Lot # of Nitric Acid	1.0ML 683534
Hot Block ID number	#1
Oven, Bath or Block Temperature 1	95
Pipette ID	J1102764U
Person who witnessed spiking	CH
First Start time	1000
ID number of the thermometer	IP1 (0.0) D6
Digestion Tube/Cup Lot #	1207143
Uncorrected Temperature	95 Celsius

Basis	Basis Description
R	Total Recoverable

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
070-0058-0001-IDW	240-18735-5
070-0059-0001-IDW	240-18735-6

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-18735-2

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
070-0056-0001-SOURCE WATER	240-18735-3
070-0057-0001-SOURCE WATER	240-18735-4

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 070-0058-0001-IDW
Lab Sample ID: 240-18735-5
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Solid
Date Sampled: 12/12/2012 13:30
Reporting Basis: DRY
Date Received: 12/12/2012 17:07
% Solids: 87.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Sulfide	31	34	31	25	mg/Kg	U		1	9034
Cyanide, Total	0.28	0.57	0.28	0.11	mg/Kg	U		1	9012A/Do D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 070-0058-0001-IDW
Lab Sample ID: 240-18735-5
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Solid
Date Sampled: 12/12/2012 13:30
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Flashpoint	>180	1.00	1.00	1.00	Degrees F			1	1010
Corrosivity	7.68	0.100	0.100	0.100	SU			1	9045C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 070-0059-0001-IDW
Lab Sample ID: 240-18735-6
Lab Name: TestAmerica Canton
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:30
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Flashpoint	>180	1.00	1.00	1.00	Degrees F			1	1010
Sulfide	2.5	3.0	2.5	0.94	mg/L	U		1	9034
Corrosivity	8.27	0.100	0.100	0.100	SU		H	1	9040C
Cyanide, Total	0.010	0.010	0.010	0.0050	mg/L	U		1	9012A/Do D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 070-0056-0001-SOURCE WATER
Lab Sample ID: 240-18735-3
Lab Name: TestAmerica Sacramento
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:00
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.0	2.0	1.0	0.48	mg/L	U		1	WS-WC-0050

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: 070-0057-0001-SOURCE WATER
Lab Sample ID: 240-18735-4
Lab Name: TestAmerica Sacramento
Job No.: 240-18735-2
SDG ID.:
Matrix: Water
Date Sampled: 12/12/2012 13:15
Reporting Basis: WET
Date Received: 12/12/2012 17:07

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.0	2.0	1.0	0.48	mg/L	U		1	WS-WC-0050

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Analyst: LG Batch Start Date: 12/13/2012

Reporting Units: SU Analytical Batch No.: 68653

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	18:31	Corrosivity	7.020	7.00	100	99-101		WCPH7_00024
7	CCV	18:47	Corrosivity	7.030	7.00	100	99-101		WCPH7_00024

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Analyst: LG Batch Start Date: 12/14/2012

Reporting Units: SU Analytical Batch No.: 68809

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
41	CCV	17:06	Corrosivity	6.980	7.00	100	99-101		WCPH7_00024
52	CCV	17:35	Corrosivity	6.970	7.00	100	99-101		WCPH7_00024
59	CCV	17:54	Corrosivity	6.970	7.00	100	99-101		WCPH7_00024

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Analyst: CN Batch Start Date: 12/20/2012

Reporting Units: mg/L Analytical Batch No.: 69587

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
4	ICV	09:10	Cyanide, Total	0.0985	0.100	98	90-110		WCCN.1ICV2_00091
5	ICB	09:10	Cyanide, Total	0.010				U	
7	CCV	09:55	Cyanide, Total	0.0952	0.100	95	90-110		WCCN.1CCV1_00087
8	CCB	09:55	Cyanide, Total	0.010				U	
9	CCVH	09:55	Cyanide, Total	0.0945	0.100	94	90-110		WCCN10PPM1_00087
10	CCVL	09:55	Cyanide, Total	0.0261	0.0250	104	90-110		WCCN10PPM1_00087
17	CCV	09:59	Cyanide, Total	0.100	0.100	100	90-110		WCCN.1CCV1_00087
18	CCB	09:59	Cyanide, Total	0.010				U	
22	CCV	10:00	Cyanide, Total	0.103	0.100	103	90-110		WCCN.1CCV1_00087
23	CCB	10:00	Cyanide, Total	0.010				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Analyst: AM Batch Start Date: 12/24/2012

Reporting Units: mg/L Analytical Batch No.: 70054

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
4	ICV	11:20	Cyanide, Total	0.0999	0.100	100	90-110		WCCN.1ICV2_00092
5	ICB	11:20	Cyanide, Total	0.010				U	
28	CCVL	12:45	Cyanide, Total	0.0261	0.0250	105	90-110		WCCN10PPM1_00088
31	CCV	12:58	Cyanide, Total	0.101	0.100	101	90-110		WCCN.1CCV1_00088
32	CCB	12:58	Cyanide, Total	0.010				U	
42	CCV	13:11	Cyanide, Total	0.0931	0.100	93	90-110		WCCN.1CCV1_00088
43	CCB	13:11	Cyanide, Total	0.010				U	
49	CCV	13:45	Cyanide, Total	0.0945	0.100	95	90-110		WCCN.1CCV1_00088
50	CCB	13:45	Cyanide, Total	0.010				U	
52	CCVH	13:47	Cyanide, Total	0.105	0.100	105	90-110		WCCN10PPM1_00088
53	CCV	13:48	Cyanide, Total	0.0987	0.100	99	90-110		WCCN.1CCV1_00088
54	CCB	13:48	Cyanide, Total	0.010				U	
55	CCV	14:06	Cyanide, Total	0.0920	0.100	92	90-110		WCCN.1CCV1_00088
56	CCB	14:06	Cyanide, Total	0.010				U	
59	CCV	14:07	Cyanide, Total	0.0961	0.100	96	90-110		WCCN.1CCV1_00088
60	CCB	14:07	Cyanide, Total	0.010				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Analyst: JB Batch Start Date: 12/27/2012

Reporting Units: mg/L Analytical Batch No.: 8009

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
8	ICV	13:19	Nitrocellulose	8.41	8.40	100	90-110		WC-353.2-ICV_00015
9	ICB	13:21	Nitrocellulose	1.0				U	
21	CCV	13:45	Nitrocellulose	8.36	8.40	100	90-110		WC-353.2-L4_00010
22	CCB	13:47	Nitrocellulose	1.0				U	
32	CCV	14:07	Nitrocellulose	8.40	8.40	100	90-110		WC-353.2-L4_00010
33	CCB	14:09	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 Canton Job No.: 240-18735-2

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 69587	Date: 12/20/2012 09:55	Prep Batch: 69525	Date: 12/20/2012 08:25				
9012A/DoD	MB 240-69525/3-A	Cyanide, Total	0.25	U	mg/Kg	0.51	1
Batch ID: 70054	Date: 12/24/2012 13:11	Prep Batch: 69982	Date: 12/24/2012 09:16				
9012A/DoD	MB 240-69982/1-A	Cyanide, Total	0.010	U	mg/L	0.010	1
Batch ID: 69010	Date: 12/17/2012 09:31	Prep Batch: 68955	Date: 12/17/2012 09:31				
9034	MB 240-68955/1-A	Sulfide	2.5	U	mg/L	3.0	1
Batch ID: 69009	Date: 12/17/2012 12:32	Prep Batch: 68931	Date: 12/17/2012 08:28				
9034	MB 240-68931/1-A	Sulfide	27	U	mg/Kg	30	1

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 8009	Date: 12/27/2012 13:33	Prep Batch: 7878	Date: 12/27/2012 06:07				
WS-WC-0050	MB 320-7816/1-B	Nitrocellulose	1.0	U	mg/L	2.0	1
Batch ID: 8009	Date: 12/27/2012 13:55						
WS-WC-0050	MB 320-8009/26	Nitrocellulose	2.5	U	mg/L	5.0	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70054	Date: 12/24/2012 13:11		Prep Batch: 69982		Date: 12/24/2012 09:16						
9012A/DoD	240-18735-6	Cyanide, Total	0.010	U	mg/L						
9012A/DoD	240-18735-6 MS	Cyanide, Total	0.0316		mg/L	0.0400	79	42-140			

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 Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70054	Date: 12/24/2012 14:06		Prep Batch: 69982		Date: 12/24/2012 09:16						
9012A/D oD	240-18735-6 MSD	Cyanide, Total	0.0323		mg/L	0.0400	81	42-140	2	20	

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

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 68806 Date: 12/14/2012 10:08								
1010	070-0058-0001-IDW	240-18735-5	Flashpoint	>180	Degrees F			
1010	070-0058-0001-IDW	240-18735-5 DU	Flashpoint	>180	Degrees F	NC	20	

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68806	Date: 12/14/2012 09:30										
						LCS Source: WCP-XYLENE_00009					
1010	LCS 240-68806/1	Flashpoint	83.00		Degrees F	81.0	102	97-103			
Batch ID: 69587	Date: 12/20/2012 09:55	Prep Batch: 69525	Date: 12/20/2012 08:25								
						LCS Source: WCCNLCS_00016					
9012A/DoD	LCS 240-69525/4-A	Cyanide, Total	2.14		mg/Kg	2.49	86	68-123			
Batch ID: 69009	Date: 12/17/2012 12:36	Prep Batch: 68931	Date: 12/17/2012 08:28								
						LCS Source: WCSULFIDELCS_00315					
9034	LCS 240-68931/2-A	Sulfide	61.1		mg/Kg	82.8	74	70-130			
Batch ID: 68809	Date: 12/14/2012 17:08										
						LCS Source: WCWIBBYPHLCS_00006					
9045C	LCS 240-68809/42	Corrosivity	5.460		SU	5.52	99	97-103			

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

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69660	Date: 12/20/2012 07:00										
						LCS Source: WCP-XYLENE_00009					
1010	LCS 240-69660/1	Flashpoint	80.00		Degrees F	81.0	99	97-103			
Batch ID: 70054	Date: 12/24/2012 13:47	Prep Batch: 69982			Date: 12/24/2012 09:16						
						LCS Source: WCCNLCS_00016					
9012A/DoD	LCS 240-69982/2-A	Cyanide, Total	0.0423		mg/L	0.0498	85	69-118			
Batch ID: 69010	Date: 12/17/2012 09:31	Prep Batch: 68955			Date: 12/17/2012 09:31						
						LCS Source: WCSULFIDELCS_00315					
9034	LCS 240-68955/2-A	Sulfide	7.66		mg/L	8.20	93	70-130			
Batch ID: 68653	Date: 12/13/2012 18:33										
						LCS Source: WCWIBBYPHLCS_00006					
9040C	LCS 240-68653/2	Corrosivity	5.520		SU	5.52	100	97-103			

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 Canton Job No.: 240-18735-2

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 69587		Date: 12/20/2012 09:10									
						LCS Source:	WCCN.01MRL1_00072				
9012A/D oD	MRL 240-69587/6	Cyanide, Total	0.00945	J	mg/L	0.0100	95	70-130			
Batch ID: 69587		Date: 12/20/2012 10:17									
						LCS Source:	WCCN.01MRL1_00072				
9012A/D oD	MRL 240-69587/29	Cyanide, Total	0.0103		mg/L	0.0100	103	70-130			

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 Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 70054		Date: 12/24/2012 11:20									
						LCS Source:		WCCN.01MRL1_00073			
9012A/DoD	MRL 240-70054/6	Cyanide, Total	0.00952	J	mg/L	0.0100	95	70-130			

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

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 8009	Date: 12/27/2012 13:35		Prep Batch: 7878			Date: 12/27/2012 06:07					
						LCS Source: HPNCSP_00007					
WS-WC-0050	LCS 320-7816/2-B	Nitrocellulose	5.13		mg/L	5.10	101	26-144			
Batch ID: 8009	Date: 12/27/2012 13:57										
						LCS Source: WC-353.2-ICV_00015					
WS-WC-0050	LCS 320-8009/27	Nitrocellulose	8.33		mg/L	8.40	99	26-144			

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 Sacramento Job No.: 240-18735-2

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 8009	Date: 12/27/2012 13:23										
						LCS Source: WC-353.2-L1_00014					
WS-WC-0050	MRL 320-8009/10	Nitrocellulose	1.0	U	mg/L	0.420	94	70-130			
Batch ID: 8009	Date: 12/27/2012 13:43										
						LCS Source: WC-353.2-L1_00014					
WS-WC-0050	MRL 320-8009/20	Nitrocellulose	1.0	U	mg/L	0.420	104	70-130			
Batch ID: 8009	Date: 12/27/2012 14:05										
						LCS Source: WC-353.2-L1_00014					
WS-WC-0050	MRL 320-8009/31	Nitrocellulose	1.0	U	mg/L	0.420	94	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: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: WHITEY

Method: 1010 LOQ Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	LOQ (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: WHITEY

Method: 1010 XRL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: WHITEY

Method: 1010 LOQ Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	LOQ (Degrees	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: WHITEY

Method: 1010 XRL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	XRL (Degrees	
Flashpoint		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9034 DL Date: 01/27/2010 11:58

Prep Method: 9030B

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Sulfide		30	22

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9034 XMDL Date: 01/27/2010 11:59

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide		3	0.94

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9034 DL Date: 01/27/2010 12:17

Prep Method: 9030B

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (mg/L)
Sulfide		3	0.94

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: 9034 XMDL Date: 01/27/2010 12:18

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Sulfide		3	0.94

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: Randolph

Method: 9040C LOQ Date: 01/28/2010 09:54

Analyte	Wavelength/ Mass	LOQ (SU)	
Corrosivity		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: Randolph

Method: 9040C XRL Date: 01/28/2010 09:54

Analyte	Wavelength/ Mass	XRL (SU)	
Corrosivity		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: Randolph

Method: 9045C LOQ Date: 01/28/2010 09:54

Analyte	Wavelength/ Mass	LOQ (SU)	
Corrosivity		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: Randolph

Method: 9045C XRL Date: 01/28/2010 09:54

Analyte	Wavelength/ Mass	XRL (SU)	
Corrosivity		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

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: 240-18735-2

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 Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: SAURON

Method: 9012A/DoD DL Date: 01/28/2010 09:11

Prep Method: 9012A

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Cyanide, Total		0.5	0.1

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Solid Instrument ID: SAURON

Method: 9012A/DoD XMDL Date: 01/28/2010 09:12

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.005

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: SAURON

Method: 9012A/DoD DL Date: 01/28/2010 09:12

Prep Method: 9012A

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (mg/L)
Cyanide, Total		0.01	0.005

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: SAURON

Method: 9012A/DoD XMDL Date: 01/28/2010 09:13

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Cyanide, Total		0.01	0.005

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-18735-2

SDG Number:

Matrix: Water Instrument ID: FS4

Method: WS-WC-0050 DL Date: 03/15/2011 14:37

Prep Method: 353 (NCell-Hyd)

Analyte	Wavelength/ Mass	LOQ (mg/L)	DL (mg/L)
Nitrocellulose		2	0.475

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job Number: 240-18735-2

SDG Number:

Matrix: Water 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 Sacramento Job No: 240-18735-2

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 Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 9030B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-68931/1-A	12/17/2012 08:28	68931	4.99		50
LCS 240-68931/2-A	12/17/2012 08:28	68931	4.95		50
240-18735-5	12/17/2012 13:42	68931	4.97		50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 9030B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-68955/1-A	12/17/2012 09:31	68955		50	50
LCS 240-68955/2-A	12/17/2012 09:31	68955		50	50
240-18735-6	12/17/2012 09:31	68955		50	50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-69525/3-A	12/20/2012 08:25	69525	0.99		25
LCS 240-69525/4-A	12/20/2012 08:25	69525	1.00		25
240-18735-5	12/20/2012 08:25	69525	1.00		25

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Prep Method: 9012A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-69982/1-A	12/24/2012 09:16	69982		50	25
LCS 240-69982/2-A	12/24/2012 09:16	69982		50	25
240-18735-6	12/24/2012 09:16	69982		50	25
240-18735-6 MS	12/24/2012 09:16	69982		50	25
240-18735-6 MSD	12/24/2012 09:16	69982		50	25

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Prep Method: 353 (NCell-Hyd)

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 320-7816/1-B	12/27/2012 06:07	7878		45	40
LCS 320-7816/2-B	12/27/2012 06:07	7878		45	40
240-18735-3	12/27/2012 06:07	7878		45	40
240-18735-4	12/27/2012 06:07	7878		45	40

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: WHITEY Method: 1010

Start Date: 12/14/2012 09:30 End Date: 12/14/2012 14:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				FP																			
LCS 240-68806/1	1	T	09:30	X																			
240-18735-5 DU	1	T	10:08	X																			
240-18735-5	1	T	10:47	X																			
ZZZZZZ			11:26																				
ZZZZZZ			12:05																				
ZZZZZZ			12:43																				
ZZZZZZ			13:22																				
ZZZZZZ			14:01																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: WHITEY Method: 1010

Start Date: 12/20/2012 07:00 End Date: 12/20/2012 14:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				FP																			
LCS 240-69660/1	1	T	07:00	X																			
ZZZZZZ			07:34																				
ZZZZZZ			08:08																				
ZZZZZZ			08:42																				
ZZZZZZ			09:17																				
ZZZZZZ			09:51																				
ZZZZZZ			10:25																				
ZZZZZZ			10:59																				
ZZZZZZ			11:34																				
ZZZZZZ			12:08																				
ZZZZZZ			12:42																				
ZZZZZZ			13:17																				
ZZZZZZ			13:51																				
240-18735-6	1	T	14:25	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: 9034

Start Date: 12/17/2012 09:31 End Date: 12/17/2012 16:55

Lab Sample ID	D / F	Type	Time	Analytes																			
				S2																			
MB 240-68955/1-A	1	T	09:31	X																			
LCS 240-68955/2-A	1	T	09:31	X																			
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			09:31																				
ZZZZZZ			16:37																				
ZZZZZZ			16:43																				
ZZZZZZ			16:49																				
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
240-18735-6	1	T	16:55	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: 9034

Start Date: 12/17/2012 12:32 End Date: 12/17/2012 16:33

Lab Sample ID	D / F	Type	Time	Analytes																			
				S2																			
MB 240-68931/1-A	1	T	12:32	X																			
LCS 240-68931/2-A	1	T	12:36	X																			
ZZZZZZ			12:40																				
ZZZZZZ			12:44																				
ZZZZZZ			12:48																				
ZZZZZZ			12:52																				
ZZZZZZ			12:56																				
240-18735-5	1	T	16:33	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: Randolph Method: 9040C

Start Date: 12/13/2012 18:31 End Date: 12/13/2012 18:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Corr																			
CCV 240-68653/1	1		18:31	X																			
LCS 240-68653/2	1	T	18:33	X																			
ZZZZZZ			18:36																				
ZZZZZZ			18:39																				
ZZZZZZ			18:41																				
240-18735-6	1	T	18:44	X																			
CCV 240-68653/7	1		18:47	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: Randolph Method: 9045C

Start Date: 12/14/2012 15:19 End Date: 12/14/2012 18:15

Lab Sample ID	D / F	Type	Time	Analytes																				
				Corr																				
CCV 240-68809/1			15:19																					
ZZZZZZ			15:22																					
ZZZZZZ			15:25																					
ZZZZZZ			15:27																					
ZZZZZZ			15:30																					
ZZZZZZ			15:33																					
ZZZZZZ			15:35																					
ZZZZZZ			15:38																					
ZZZZZZ			15:41																					
ZZZZZZ			15:43																					
CCV 240-68809/11			15:46																					
ZZZZZZ			15:49																					
ZZZZZZ			15:51																					
ZZZZZZ			15:54																					
ZZZZZZ			15:57																					
ZZZZZZ			15:59																					
ZZZZZZ			16:02																					
ZZZZZZ			16:05																					
ZZZZZZ			16:07																					
ZZZZZZ			16:10																					
CCV 240-68809/21			16:13																					
ZZZZZZ			16:15																					
ZZZZZZ			16:18																					
ZZZZZZ			16:21																					
ZZZZZZ			16:23																					
ZZZZZZ			16:26																					
ZZZZZZ			16:29																					
ZZZZZZ			16:31																					
ZZZZZZ			16:34																					
ZZZZZZ			16:36																					
CCV 240-68809/31			16:39																					
ZZZZZZ			16:42																					
ZZZZZZ			16:44																					
ZZZZZZ			16:47																					
ZZZZZZ			16:50																					
ZZZZZZ			16:52																					
ZZZZZZ			16:55																					
ZZZZZZ			16:58																					
ZZZZZZ			17:00																					
ZZZZZZ			17:03																					
CCV 240-68809/41	1		17:06	X																				
LCS 240-68809/42	1	T	17:08	X																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: Randolph Method: 9045C

Start Date: 12/14/2012 15:19 End Date: 12/14/2012 18:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				Corr																			
ZZZZZZ			17:11																				
ZZZZZZ			17:14																				
ZZZZZZ			17:16																				
ZZZZZZ			17:19																				
ZZZZZZ			17:22																				
ZZZZZZ			17:24																				
ZZZZZZ			17:27																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
CCV 240-68809/52	1		17:35	X																			
ZZZZZZ			17:38																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
240-18735-5	1	T	17:46	X																			
ZZZZZZ			17:48																				
ZZZZZZ			17:51																				
CCV 240-68809/59	1		17:54	X																			
ZZZZZZ			17:56																				
ZZZZZZ			17:59																				
ZZZZZZ			18:02																				
ZZZZZZ			18:04																				
ZZZZZZ			18:07																				
ZZZZZZ			18:10																				
CCV 240-68809/66			18:12																				
ZZZZZZ			18:15																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
ZZZZZZ			12:13																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:13																					
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ZZZZZZ			12:13																					
240-18735-5	1	T	12:13	X	X																			
ZZZZZZ			12:13																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:13																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
ZZZZZZ			13:44																					
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ZZZZZZ			13:59																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/13/2012 12:13 End Date: 12/13/2012 14:13

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: SAURON Method: 9012A/DoD

Start Date: 12/20/2012 09:08 End Date: 12/20/2012 10:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ICV 240-69587/4	1		09:10	X																			
ICB 240-69587/5	1		09:10	X																			
MRL 240-69587/6	1	T	09:10	X																			
CCV 240-69587/7	1		09:55	X																			
CCB 240-69587/8	1		09:55	X																			
CCVH 240-69525/1-A	1		09:55	X																			
CCVL 240-69525/2-A	1		09:55	X																			
MB 240-69525/3-A	1	T	09:55	X																			
LCS 240-69525/4-A	1	T	09:55	X																			
CCV 240-69587/17	1		09:59	X																			
CCB 240-69587/18	1		09:59	X																			
240-18735-5	1	T	09:59	X																			
CCV 240-69587/22	1		10:00	X																			
CCB 240-69587/23	1		10:00	X																			
MRL 240-69587/29	1	T	10:17	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: SAURON Method: 9012A/DoD

Start Date: 12/24/2012 11:18 End Date: 12/24/2012 14:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				CN																			
ICV 240-70054/4	1		11:20	X																			
ICB 240-70054/5	1		11:20	X																			
MRL 240-70054/6	1	T	11:20	X																			
CCVL 240-69982/25-A	1		12:45	X																			
CCV 240-70054/31	1		12:58	X																			
CCB 240-70054/32	1		12:58	X																			
MB 240-69982/1-A	1	T	13:11	X																			
240-18735-6	1	T	13:11	X																			
240-18735-6 MS	1	T	13:11	X																			
CCV 240-70054/42	1		13:11	X																			
CCB 240-70054/43	1		13:11	X																			
CCV 240-70054/49	1		13:45	X																			
CCB 240-70054/50	1		13:45	X																			
LCS 240-69982/2-A	2	T	13:47	X																			
CCVH 240-69982/26-A	2		13:47	X																			
CCV 240-70054/53	1		13:48	X																			
CCB 240-70054/54	1		13:48	X																			
CCV 240-70054/55	1		14:06	X																			
CCB 240-70054/56	1		14:06	X																			
240-18735-6 MSD	1	T	14:06	X																			
CCV 240-70054/59	1		14:07	X																			
CCB 240-70054/60	1		14:07	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 12/27/2012 13:05 End Date: 12/27/2012 14:11

Lab Sample ID	D / F	Type	Time	Analytes																				
				NCL																				
ZZZZZZ			13:05																					
STDO 320-8009/2 IC			13:07	X																				
STD1 320-8009/3 IC			13:09	X																				
STD2 320-8009/4 IC			13:11	X																				
STD3 320-8009/5 IC			13:13	X																				
STD4 320-8009/6 IC			13:15	X																				
STD5 320-8009/7 IC			13:17	X																				
ICV 320-8009/8	1		13:19	X																				
ICB 320-8009/9	1		13:21	X																				
MRL 320-8009/10	1	T	13:23	X																				
ZZZZZZ			13:25																					
ZZZZZZ			13:27																					
ZZZZZZ			13:29																					
ZZZZZZ			13:31																					
MB 320-7816/1-B	1	T	13:33	X																				
LCS 320-7816/2-B	1	T	13:35	X																				
ZZZZZZ			13:37																					
ZZZZZZ			13:39																					
ZZZZZZ			13:41																					
MRL 320-8009/20	1	T	13:43	X																				
CCV 320-8009/21	1		13:45	X																				
CCB 320-8009/22	1		13:47	X																				
ZZZZZZ			13:49																					
240-18735-3	1	T	13:51	X																				
240-18735-4	1	T	13:53	X																				
MB 320-8009/26	1	T	13:55	X																				
LCS 320-8009/27	1	T	13:57	X																				
ZZZZZZ			13:59																					
ZZZZZZ			14:01																					
ZZZZZZ			14:03																					
MRL 320-8009/31	1	T	14:05	X																				
CCV 320-8009/32	1		14:07	X																				
CCB 320-8009/33	1		14:09	X																				
ZZZZZZ			14:11																					

Prep Types

T = Total/NA

TestAmerica, Canton
Sulfide Standardization

Na Thiosulfate Normality:	0.0252
mL of Iodine Used:	8
Blank 1:	9.00
Blank 2:	9.00
Blank 3:	9.00
Iodine Normality:	**0.028350**
Sample Volume:	50
Spike Amount:	0.25
LCS 1:	8.00
LCS 2:	8.00
LCS 3:	7.95
Sulfide Concentration:	**8.20**
LCS TV:	**1640**
Na Sulfide Concentration:	**0.1171200**

Analyst: BW
Date: 12/17/2012
Batch: 69009, 10

TestAmerica, Canton
Sulfide Standardization

Na Thiosulfate Normality:	0.0252
mL of Iodine Used:	8
Blank 1:	9.00
Blank 2:	9.00
Blank 3:	9.00
Iodine Normality:	**0.028350**
Sample Volume:	50
Spike Amount:	0.25
LCS 1:	8.00
LCS 2:	8.00
LCS 3:	7.95
Sulfide Concentration:	**8.20**
LCS TV:	**1640**
Na Sulfide Concentration:	**0.1171200**

Analyst: BW
Date: 12/17/2012
Batch: 69009, 10

TestAmerica Laboratory
Konelab 250 SAURON

Date : 2012-12-20
Time : 10.40

69587

SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

Test Cyanide
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
A-ICV	0.0985			0.106	2012-12-20 09.10
B-ICB	-0.0024			0.007	2012-12-20 09.10
C-MRL	0.0094			0.019	2012-12-20 09.10
CCV-CN	0.0952			0.102	2012-12-20 09.55
CCB-CN	0.0003			0.010	2012-12-20 09.55
CCVH 240-69525/1	0.1890			0.194	2012-12-20 09.55
CCVL 240-69525/2	0.0522			0.060	2012-12-20 09.55
MB 240-69525/3-A	0.0003			0.010	2012-12-20 09.55
LCS 240-69525/4-	0.0858			0.093	2012-12-20 09.55
240-18710-A-1-K	0.0032			0.012	2012-12-20 09.55
240-19000-C-11-A	0.0176			0.027	2012-12-20 09.55
240-19000-C-11-B	0.1055			0.112	2012-12-20 09.55
240-19000-C-11-C	0.1063			0.113	2012-12-20 09.55
CCV-CN	0.1003			0.107	2012-12-20 09.59
CCB-CN	0.0002			0.010	2012-12-20 09.59
240-18972-W-1-A	0.0050			0.014	2012-12-20 09.59
240-18972-Z-2-B	-0.0003			0.009	2012-12-20 09.59
240-18735-B-5-B	0.0021			0.011	2012-12-20 09.59
CCV-CN	0.1032			0.110	2012-12-20 10.00
CCB-CN	0.0001			0.009	2012-12-20 10.00
CCV-CN	0.0996			0.107	2012-12-20 10.17
CCB-CN	0.0004			0.010	2012-12-20 10.17
240-19000-C-12-A	0.0451			0.053	2012-12-20 10.17
240-19000-C-16-A	0.0806			0.088	2012-12-20 10.17
240-19000-C-17-A	0.0341			0.043	2012-12-20 10.17
CLOSING MRL	0.0103			0.019	2012-12-20 10.17
CCV-CN	0.0968			0.104	2012-12-20 10.19
CCB-CN	0.0001			0.009	2012-12-20 10.19

TestAmerica Laboratory
Konelab 250 SAURON
SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

20.12.2012 10:40

Test: Cyanide

Sample Id	Result	Dil. 1 +	Response	Errors
A-ICV	0.0985	0.0	0.106	
B-ICB	-0.0024	0.0	0.007	
C-MRL	0.0094	0.0	0.019	
CCV-CN	0.0952	0.0	0.102	
CCB-CN	0.0003	0.0	0.010	
CCVH 240-69525/1	0.1890	0.0	0.194	
CCVL 240-69525/2	0.0522	0.0	0.060	
MB 240-69525/3-A	0.0003	0.0	0.010	
LCS 240-69525/4-	0.0858	0.0	0.093	
240-18710-A-1-K	0.0032	0.0	0.012	
240-19000-C-11-A	0.0176	0.0	0.027	
240-19000-C-11-B	0.1055	0.0	0.112	
240-19000-C-11-C	0.1063	0.0	0.113	
240-19000-C-12-A	0.0444	0.0	0.053	
240-19000-C-16-A	0.0747	0.0	0.082	
CCV-CN	0.1003	0.0	0.107	
CCB-CN	0.0002	0.0	0.010	
240-19000-C-17-A	0.0341	0.0	0.043	
240-18972-W-1-A	0.0050	0.0	0.014	
240-18972-Z-2-B	-0.0003	0.0	0.009	
240-18735-B-5-B	0.0021	0.0	0.011	
CCV-CN	0.1032	0.0	0.110	
CCB-CN	0.0001	0.0	0.009	
CCV-CN	0.0996	0.0	0.107	
CCB-CN	0.0004	0.0	0.010	
240-19000-C-12-A	0.0451	0.0	0.053	
240-19000-C-16-A	0.0806	0.0	0.088	
240-19000-C-17-A	0.0341	0.0	0.043	
CLOSING MRL	0.0103	0.0	0.019	
CCV-CN	0.0968	0.0	0.104	
CCB-CN	0.0001	0.0	0.009	

N	18
Mean	0.0494
SD	0.05035
CV%	101.83

TestAmerica Laboratory
Konelab 250 SAURON
SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

20.12.2012 09:26

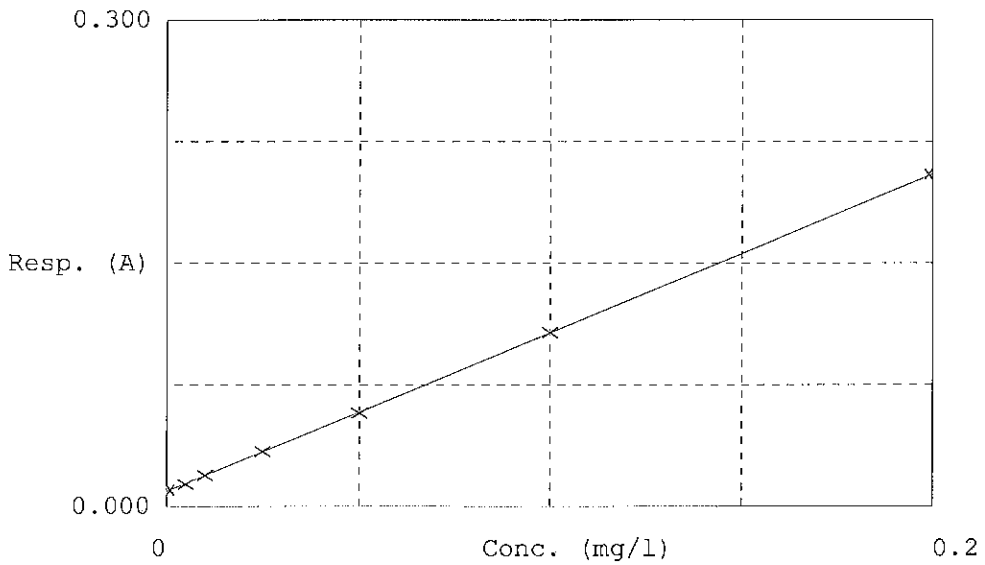
Test Cyanide

Accepted 20.12.2012 09:26

Factor 1.024
Bias 0.009

Coeff. of det. 0.999955

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	CN-0	0.010	0.00072	0.00000	
2	CN-0.2	0.014	0.00444	0.00500	
3	CN-0.2	0.019	0.01010	0.01000	
4	CN-0.2	0.034	0.02515	0.02500	
5	CN-0.2	0.058	0.04929	0.05000	
6	CN-0.2	0.107	0.10025	0.10000	
7	CN-0.2	0.205	0.20004	0.20000	
8	A-ICV(control)	0.106	0.09846	0.10000	
9	B-ICB(control)	0.007	-0.00243	0.00000	
10	C-MRL(control)	0.019	0.00945	0.01000	

70054

Calibration results AquaKem 6.5 Page: 1

TestAmerica Laboratory
Konelab 250 SAURON
SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

24.12.2012 11:25

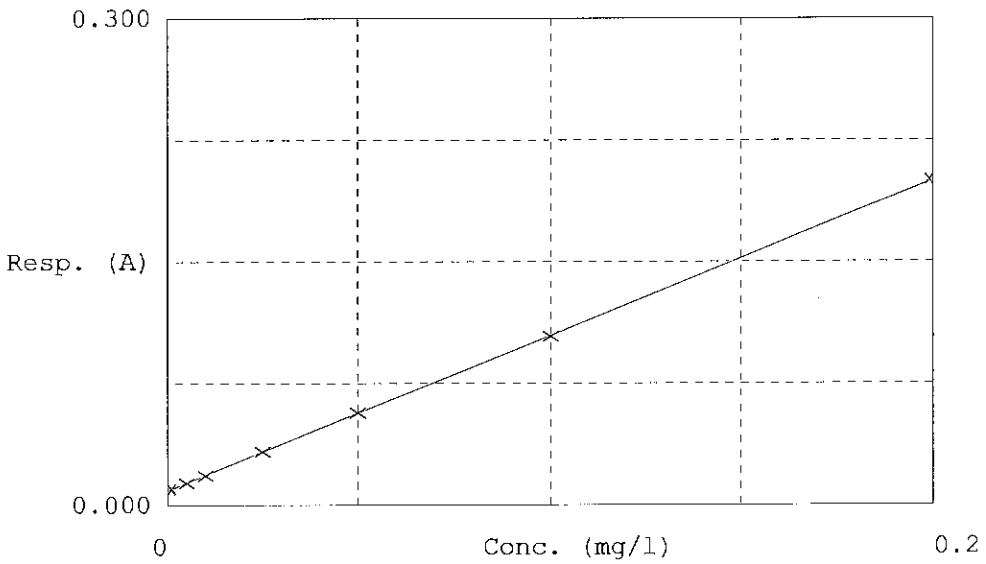
Test Cyanide

Accepted 24.12.2012 11:25

Factor 1.048
Bias 0.009

Coeff. of det. 0.999952

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	CN-0	0.010	0.00088	0.00000	
2	CN-0.2	0.014	0.00477	0.00500	
3	CN-0.2	0.018	0.00957	0.01000	
4	CN-0.2	0.033	0.02499	0.02500	
5	CN-0.2	0.057	0.05010	0.05000	
6	CN-0.2	0.104	0.09937	0.10000	
7	CN-0.2	0.200	0.20032	0.20000	
8	A-ICV(control)	0.105	0.09992	0.10000	
9	B-ICB(control)	0.009	-0.00014	0.00000	
10	C-MRL(control)	0.018	0.00952	0.01000	

TestAmerica Laboratory
Konelab 250 SAURON

Date : 2012-12-24
Time : 16.31

SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

Test Cyanide
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
A-ICV	0.0999			0.105	2012-12-24 11.20
B-ICB	-0.0001			0.009	2012-12-24 11.20
C-MRL	0.0095			0.018	2012-12-24 11.20
CCV-CN	0.0977			0.102	2012-12-24 12.39
CCB-CN	0.0009			0.010	2012-12-24 12.39
240-18957-A-3-B	0.0064			0.015	2012-12-24 12.39
240-18957-A-3-B	0.0064			0.015	2012-12-24 12.39
240-18957-A-4-B	0.0136			0.022	2012-12-24 12.39
240-18957-A-5-B	0.0066			0.016	2012-12-24 12.39
240-19064-A-6-B	0.1915			0.192	2012-12-24 12.39
240-18827-K-1-A	0.0083			0.017	2012-12-24 12.39
240-18827-K-2-A	0.0024			0.012	2012-12-24 12.39
240-18827-K-3-A	0.0093			0.018	2012-12-24 12.39
240-18827-K-4-A	0.0022			0.011	2012-12-24 12.39
240-18827-K-5-A	0.0033			0.012	2012-12-24 12.39
CCV-CN	0.0935			0.098	2012-12-24 12.45
CCB-CN	0.0010			0.010	2012-12-24 12.45
240-18957-A-4-B	0.0136			0.022	2012-12-24 12.45
240-18957-A-5-B	0.0068			0.016	2012-12-24 12.45
240-19064-A-6-B	0.1953			0.196	2012-12-24 12.45
240-18827-K-2-A	0.0058			0.015	2012-12-24 12.45
240-18827-K-3-A	0.0035			0.013	2012-12-24 12.45
240-18827-K-4-A	0.0024			0.012	2012-12-24 12.45
240-18827-K-5-A	0.0380			0.045	2012-12-24 12.45
240-18827-K-6-A	0.0053			0.014	2012-12-24 12.45
CCVL 240-69982/2	0.0522			0.059	2012-12-24 12.45
CCV-CN	0.0944			0.099	2012-12-24 12.51
CCB-CN	0.0005			0.010	2012-12-24 12.51
CCV-CN	0.1005			0.105	2012-12-24 12.58
CCB-CN	0.0005			0.010	2012-12-24 12.58
MB 240-69982/1-A	0.0014			0.011	2012-12-24 13.11
240-18735-A-6-A	0.0028			0.012	2012-12-24 13.11
240-18735-A-6-B	0.0631			0.069	2012-12-24 13.11
240-18850-F-1-A	0.0039			0.013	2012-12-24 13.11
240-18850-F-2-A	0.0012			0.010	2012-12-24 13.11
240-18850-F-3-A	0.0012			0.010	2012-12-24 13.11
240-18850-F-4-A	0.0009			0.010	2012-12-24 13.11
240-18850-F-5-A	0.0018			0.011	2012-12-24 13.11
240-18850-F-6-A	0.0024			0.012	2012-12-24 13.11
CCV-CN	0.0931			0.098	2012-12-24 13.11
CCB-CN	0.0009			0.010	2012-12-24 13.11
240-18850-F-8-A	0.0010			0.010	2012-12-24 13.13
240-18908-A-1-A	0.0045			0.014	2012-12-24 13.13
240-18957-A-2-B	0.0083			0.017	2012-12-24 13.13
CCV-CN	0.0965			0.101	2012-12-24 13.15
CCB-CN	0.0012			0.010	2012-12-24 13.15
CCV-CN	0.0945			0.099	2012-12-24 13.45
CCB-CN	0.0001			0.009	2012-12-24 13.45
LCS 240-69982/2-	0.0846	1+1.0		0.050	2012-12-24 13.47
CCVH 240-69982/2	0.2092	1+1.0		0.109	2012-12-24 13.47
CCV-CN	0.0987			0.103	2012-12-24 13.48

TestAmerica Laboratory
Konelab 250 SAURON

Date : 2012-12-24
Time : 16.31

SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

Test Cyanide
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
CCB-CN	0.0004			0.010	2012-12-24 13.48
CCV-CN	0.0920			0.097	2012-12-24 14.06
CCB-CN	0.0003			0.010	2012-12-24 14.06
240-18735-A-6-C	0.0646			0.071	2012-12-24 14.06
mrl2	0.0102			0.019	2012-12-24 14.06
CCV-CN	0.0961			0.101	2012-12-24 14.07
CCB-CN	0.0005			0.010	2012-12-24 14.07

TestAmerica Laboratory
Konelab 250 SAURON
SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

24.12.2012 14:29

Test: Cyanide

Sample Id	Result	Dil. 1 +	Response	Errors
A-ICV	0.0999	0.0	0.105	
B-ICB	-0.0001	0.0	0.009	
C-MRL	0.0095	0.0	0.018	
CCV-CN	0.0977	0.0	0.102	
CCB-CN	0.0009	0.0	0.010	
240-18957-A-3-B	0.0064	0.0	0.015	
240-18957-A-3-B	0.0064	0.0	0.015	
240-18957-A-4-B	0.0136	0.0	0.022	
240-18957-A-5-B	0.0066	0.0	0.016	
240-19064-A-6-B	0.1915	0.0	0.192	
240-18827-K-1-A	0.0083	0.0	0.017	
240-18827-K-2-A	0.0024	0.0	0.012	
240-18827-K-3-A	0.0093	0.0	0.018	
240-18827-K-4-A	0.0022	0.0	0.011	
240-18827-K-5-A	0.0033	0.0	0.012	
CCV-CN	0.0935	0.0	0.098	
CCB-CN	0.0010	0.0	0.010	
240-18957-A-4-B	0.0136	0.0	0.022	
240-18957-A-5-B	0.0068	0.0	0.016	
240-19064-A-6-B	0.1953	0.0	0.196	
240-18827-K-1-A	-0.0041	0.0	0.005	
240-18827-K-2-A	0.0058	0.0	0.015	
240-18827-K-3-A	0.0035	0.0	0.013	
240-18827-K-4-A	0.0024	0.0	0.012	
240-18827-K-5-A	0.0380	0.0	0.045	
240-18827-K-6-A	0.0053	0.0	0.014	
CCVL 240-69982/2	0.0522	0.0	0.059	
CCV-CN	0.0944	0.0	0.099	
CCB-CN	0.0005	0.0	0.010	
MB 240-69982/1-A	0.0011	0.0	0.010	
240-18735-A-6-A	0.0029	0.0	0.012	
240-18735-A-6-B	0.0675	0.0	0.074	
240-18735-A-6-C	0.0598	0.0	0.066	
240-18850-F-1-A	0.0034	0.0	0.012	
240-18850-F-2-A	0.0011	0.0	0.010	
240-18850-F-3-A	0.0015	0.0	0.011	
240-18850-F-4-A	0.0008	0.0	0.010	
240-18850-F-5-A	0.0015	0.0	0.011	
240-18850-F-6-A	0.0020	0.0	0.011	
CCV-CN	0.0955	0.0	0.100	
CCB-CN	0.0175	0.0	0.026	Rule 1 violated
240-18850-F-8-A	0.0014	0.0	0.011	
240-18908-A-1-A	0.0039	0.0	0.013	
240-18957-A-2-B	0.0084	0.0	0.017	
LCS 240-69982/2-	0.0824	1.0	0.049	
CCVH 240-69982/2	0.2036	1.0	0.106	
CCV-CN	0.1005	0.0	0.105	
CCB-CN	0.0005	0.0	0.010	
MB 240-69982/1-A	0.0014	0.0	0.011	
240-18735-A-6-A	0.0028	0.0	0.012	
240-18735-A-6-B	0.0631	0.0	0.069	
240-18735-A-6-C	0.0581	0.0	0.065	
240-18850-F-1-A	0.0039	0.0	0.013	
240-18850-F-2-A	0.0012	0.0	0.010	
240-18850-F-3-A	0.0012	0.0	0.010	

TestAmerica Laboratory
Konelab 250 SAURON
SW846-9012A,335.2,335.4,335.2CLPM,4500CNE,I,G
365.1,365,2,4500PE,325.2,4500CLE,SW846-9251,375.

24.12.2012 14:29

Test: Cyanide

Sample Id	Result	Dil. 1 +	Response	Errors
240-18850-F-4-A	0.0009	0.0	0.010	
240-18850-F-5-A	0.0018	0.0	0.011	
240-18850-F-6-A	0.0024	0.0	0.012	
CCV-CN	0.0931	0.0	0.098	
CCB-CN	0.0009	0.0	0.010	
240-18850-F-8-A	0.0010	0.0	0.010	
240-18908-A-1-A	0.0045	0.0	0.014	
240-18957-A-2-B	0.0083	0.0	0.017	
CCV-CN	0.0965	0.0	0.101	
CCB-CN	0.0012	0.0	0.010	
LCS 240-69982/2-	0.0870	1.0	0.051	
CCVH 240-69982/2	0.2559	1.0	0.131	
CCV-CN	0.0986	0.0	0.103	
CCB-CN	0.0113	0.0	0.020	Rule 1 violated
CCV-CN	0.0945	0.0	0.099	
CCB-CN	0.0001	0.0	0.009	
240-18735-A-6-C	0.0494	0.0	0.056	
mrl2	0.0104	0.0	0.019	
LCS 240-69982/2-	0.0846	1.0	0.050	
CCVH 240-69982/2	0.2092	1.0	0.109	
CCV-CN	0.0987	0.0	0.103	
CCB-CN	0.0004	0.0	0.010	
CCV-CN	0.0920	0.0	0.097	
CCB-CN	0.0003	0.0	0.010	
240-18735-A-6-C	0.0646	0.0	0.071	
mrl2	0.0102	0.0	0.019	
CCV-CN	0.0961	0.0	0.101	
CCB-CN	0.0005	0.0	0.010	

N	56
Mean	0.0345
SD	0.06149
CV%	178.23

Peak Table:Nitrate/Nitrite

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\122712A.RST
Date: 27-Dec-12
Operator: JB

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	105	Sync	1	SYNC	1	1	126535	0.994448	
B	0	Baseline	1	RB	1	1	0	-0.008587	BL
3	0	Cal 0	1	C	1	1	-65	-0.009101	LO
4	102	Cal 1	1	C	1	1	8294	0.057159	
5	103	Cal 2	1	C	1	1	26707	0.203121	
6	104	Cal 3	1	C	1	1	51236	0.397558	
7	105	Cal 4	1	C	1	1	127555	1.002533	
8	106	Cal 5	1	C	1	1	253228	1.998731	
9	107	ICV	1	U	1	1	127315	1.000627	
10	0	BLANK/ICB	1	BLNK	1	1	219	-0.006853	LO
11	102	MRL	1	U	1	1	7034	0.047168	
12	108	NO2 1PPM	1	U	1	1	127518	1.002237	
13	109	NO3 1PPM	1	U	1	1	126350	0.992981	
14	0	Blank	1	BLNK	1	1	-23	-0.008772	LO
B	0	Baseline	1	RB	1	1	0	-0.008587	BL
16	113	mb 320-7816/1-b	1	U	1	1	5036	0.031336	
17	114	lcs 320-7816/2-b	1	U	1	1	193406	1.524529	
18	115	240-18703-s-24-g	1	U	1	1	5086	0.031730	
19	116	240-18703-s-24-h ms	1	U	1	1	188812	1.488111	
20	117	240-18703-s-24-i msd	1	U	1	1	190655	1.502721	
21	102	MRL	1	U	1	1	7631	0.051901	
22	105	CCV	1	U	1	1	126549	0.994556	
23	0	Blank	1	BLNK	1	1	-115	-0.009501	LO
B	0	Baseline	1	RB	1	1	0	-0.008587	BL
25	118	240-18735-q-3-c	1	U	1	1	3286	0.017461	
26	119	240-18735-q-4-c	1	U	1	1	6143	0.040106	
27	120	MB	1	U	1	1	42	-0.008254	LO
28	121	LCS	1	U	1	1	126110	0.991075	
29	122	320-1301-c-1	1	U	1	1	105799	0.830072	
30	123	MS 320-1301-c-1	1	U	1	1	206937	1.631782	
31	124	MSD 320-1301-c-1	1	U	1	1	208023	1.640392	
32	102	MRL	1	U	1	1	6955	0.046542	
33	105	CCV	1	U	1	1	127273	1.000294	
34	0	BLANK	1	BLNK	1	1	2	-0.008573	LO
B	0	Baseline	1	RB	1	1	0	-0.008587	BL

Report Results by Sample
Result path: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\122712A.RST
Sample table path: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\122712a.tbl
Method path: Y:\no3_no2.mth
Date acquired: 27-Dec-12
Time acquired: 14:16

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	13:05:43	-0.01	[C]
0	Cal 0	C	13:07:43	-0.01	[C]
102	Cal 1	C	13:09:43	0.06	[C]
103	Cal 2	C	13:11:44	0.20	[C]
104	Cal 3	C	13:13:44	0.40	[C]
105	Cal 4	C	13:15:44	1.00	[C]
106	Cal 5	C	13:17:44	2.00	[C]
107	ICV	-	13:19:44	1.00	[-]
0	BLANK/ICB	C	13:21:44	-0.01	[C]
102	MRL	-	13:23:45	0.05	[-]
108	NO2 1PPM	-	13:25:45	1.00	[-]
109	NO3 1PPM	-	13:27:45	0.99	[-]
0	Blank	C	13:29:45	-0.01	[C]
0	Baseline	C	13:31:45	-0.01	[C]
113	mb 320-7816/1-b	-	13:33:45	0.03	[-]
114	lcs 320-7816/2-b	-	13:35:46	1.52	[-]
115	240-18703-s-24-g	-	13:37:46	0.03	[-]
116	240-18703-s-24-h ms	-	13:39:46	1.49	[-]
117	240-18703-s-24-i msd	-	13:41:46	1.50	[-]
102	MRL	-	13:43:46	0.05	[-]
105	CCV	-	13:45:46	0.99	[-]
0	Blank	C	13:47:47	-0.01	[C]
0	Baseline	C	13:49:47	-0.01	[C]
118	240-18735-q-3-c	-	13:51:47	0.02	[-]
119	240-18735-q-4-c	-	13:53:47	0.04	[-]
120	MB	-	13:55:47	-0.01	[-]
121	LCS	-	13:57:47	0.99	[-]
122	320-1301-c-1	-	13:59:48	0.83	[-]
123	MS 320-1301-c-1	-	14:01:48	1.63	[-]
124	MSD 320-1301-c-1	-	14:03:48	1.64	[-]
102	MRL	-	14:05:48	0.05	[-]
105	CCV	-	14:07:48	1.00	[-]
0	BLANK	C	14:09:49	-0.01	[C]
0	Baseline	C	14:11:49	-0.01	[C]

Nitrate/Nitrite:Calibration 1: Peak 3-35

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\122712A.RST
Date: 27-Dec-12
Operator: JB

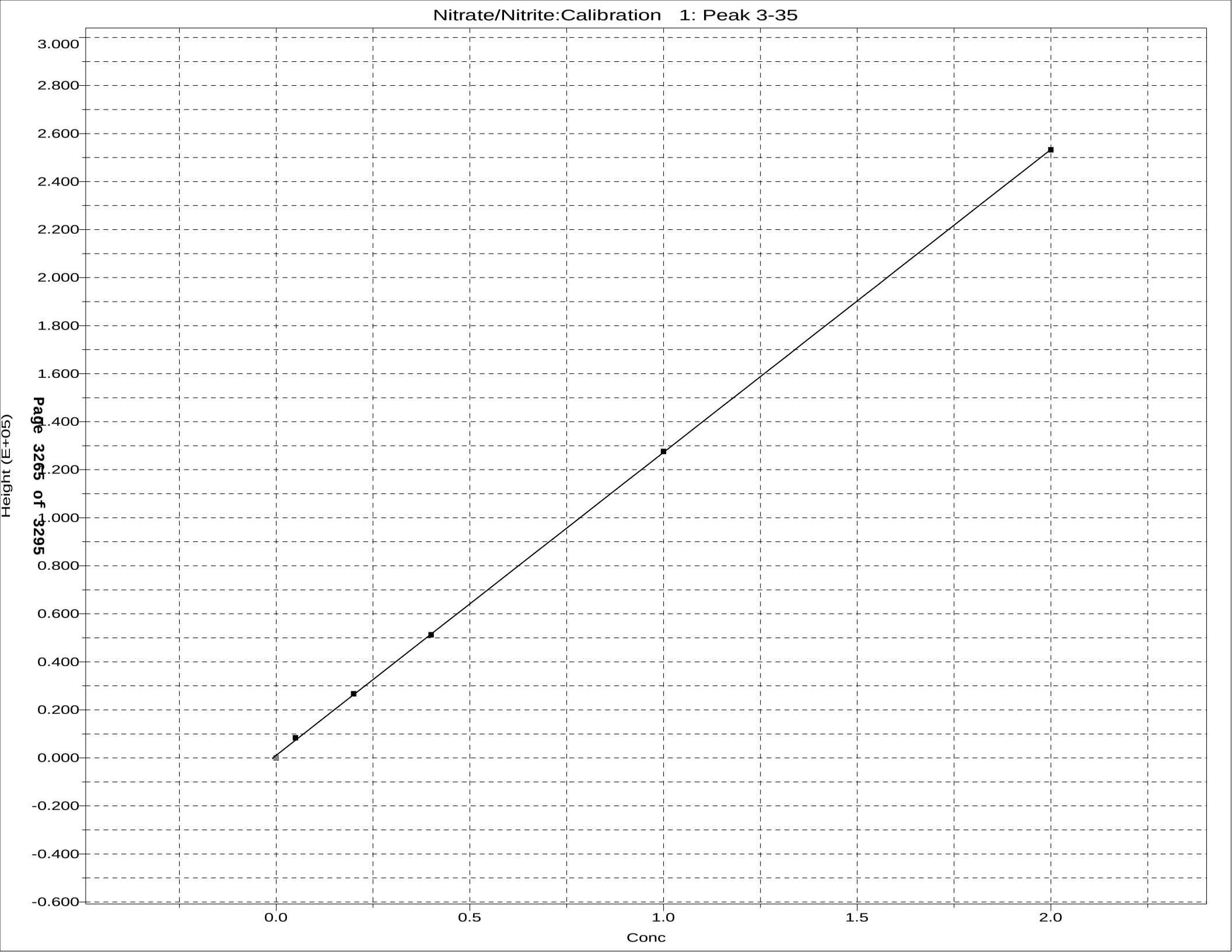
*	Name	Conc	Height
*	Cal 0	0.000000	-64.945419
*	Cal 1	0.050000	8293.914062
*	Cal 2	0.200000	26707.492188
*	Cal 3	0.400000	51236.093750
*	Cal 4	1.000000	127555.218750
*	Cal 5	2.000000	253228.000000

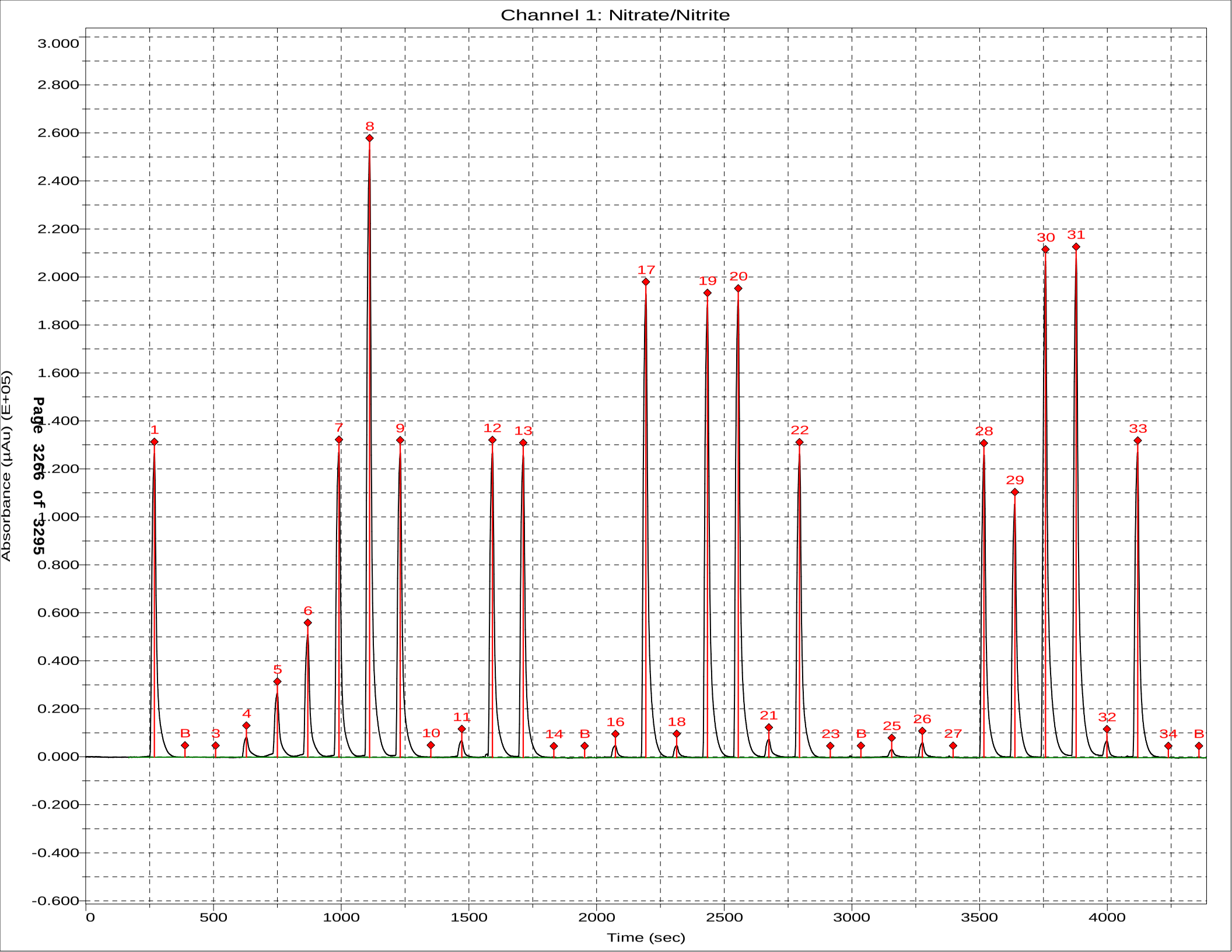
Calib Coef:
y=bx+a
a: (intercept) 1.0832e+03
b: 1.2615e+05

Corr Coef: 0.999973

Carryover: n/a

No Drift Peaks


Nitrate/Nitrite:Calibration 1: Peak 3-35
Height (E+05)
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
0.0
0.5
1.0
1.5
2.0
Conc


Channel 1: Nitrate/Nitrite
Absorbance (µAu) (E+05)
Time (sec)
Page 3266 of 3295
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
500
1000
1500
2000
2500
3000
3500
4000
1
B
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10
11
12
13
14
B
16
17
18
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32
33
34
B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Level I and Level II Review Checklist
General Chemistry

Instrument ID FS4		WS-WC-0050	
Batch 8009	File # 122712A	Date 12/27/12	Analyst JB

Lot Numbers 240-18735, 240-18763	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 tracking #'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			✓

COMMENTS: _____

REVIEWED BY: BMC DATE: 12/31/12

DATA ENTERED BY: JB DATE: 12/28/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Level I and Level II Review Checklist
General Chemistry

Instrument ID F54		WS-WC-0050 EPA 353.2	
Batch 8009	File # 122712A	Date 12/27/12	Analyst

Lot Numbers 320-1301, ~~240-18735, 240-18763~~ AmC 12/28/12	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)	✓	~~✓~~	~~✓~~ AmC 12/28/12
7. Calculations checked	✓		
8. QAS/QAPP consulted for client specific requirements	✓		
9. Standard tracking #'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	✓		

COMMENTS: _____

REVIEWED BY: AmC
DATE: 12/28/12

DATA ENTERED BY: JT 12/28/12
DATE:

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68806 Batch Start Date: 12/14/12 09:30 Batch Analyst: Harshman, Tom

Batch Method: 1010 Batch End Date: 12/14/12 14:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	InitialTemp	WCP-XYLENE 00009			
LCS 240-68806/1		1010		70 mL	58 Degrees F	70 mL			
240-18735-C-5 DU	070-0058-0001-ID W	1010	T	70 g	62 Degrees F				
240-18735-C-5	070-0058-0001-ID W	1010	T	70 g	68 Degrees F				

Batch Notes	
Equipment ID	Whitey

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69660 Batch Start Date: 12/20/12 07:00 Batch Analyst: Harshman, Tom

Batch Method: 1010 Batch End Date: 12/20/12 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	InitialTemp	WCP-XYLENE 00009			
LCS 240-69660/1		1010		70 mL	68 Degrees F	70 mL			
240-18735-G-6	070-0059-0001-IDW	1010	T	70 mL	75 Degrees F				

Batch Notes	
Equipment ID	Whitey

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68931 Batch Start Date: 12/17/12 08:28 Batch Analyst: Woodward, Bruce

Batch Method: 9030B Batch End Date: 12/17/12 13:42

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WCSULFIDELCS 00315			
MB 240-68931/1		9030B, 9034		4.99 g	50 mL				
LCS 240-68931/2		9030B, 9034		4.95 g	50 mL	0.25 mL			
240-18735-B-5	070-0058-0001-ID W	9030B, 9034	T	4.97 g	50 mL				

Batch Notes	
Batch Comment	sand 398740
Distillation Temperature	70 Degrees C
Pipette ID	377822
Sulfuric Acid Reagent ID Number	787798
Zinc Acetate Buffer Reagent ID Number	741150

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68955 Batch Start Date: 12/17/12 09:31 Batch Analyst: Woodward, Bruce

Batch Method: 9030B Batch End Date: 12/17/12 15:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WCSULFIDELCS 00315			
MB 240-68955/1		9030B, 9034		50 mL	50 mL				
LCS 240-68955/2		9030B, 9034		50 mL	50 mL	0.25 mL			
240-18735-B-6	070-0059-0001-IDW	9030B, 9034	T	50 mL	50 mL				

Batch Notes	
Distillation Temperature	70 Degrees C
Pipette ID	377822
Sulfuric Acid Reagent ID Number	787798
Zinc Acetate Buffer Reagent ID Number	741150

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69009 Batch Start Date: 12/17/12 12:32 Batch Analyst: Woodward, Bruce

Batch Method: 9034 Batch End Date: 12/17/12 14:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	IodineAmount	TitrantVolume1	CalcMsg		
MB 240-68931/1-A		9034		50 mL	8 mL	9.05 mL	OK		
LCS 240-68931/2-A		9034		50 mL	8 mL	8.25 mL	OK		
240-18735-B-5-A	070-0058-0001-ID W	9034	T	50 mL	8 mL	8.75 mL	OK		

Batch Notes	
HCl Concentration	1:1
Lot # of hydrochloric acid	760754
Iodine Lot Number	792238
Normality of Iodine Solution	0.028350 N
Sodium Thiosulfate Reagent ID Number	669841
Perform Calculation (0=No, 1=Yes)	1
Starch Lot Number	755038
Normality of first Titrant	0.0252 N
Zinc Acetate Buffer Reagent ID Number	741150

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69010 Batch Start Date: 12/17/12 12:34 Batch Analyst: Woodward, Bruce

Batch Method: 9034 Batch End Date: 12/17/12 16:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	IodineAmount	TitrantVolume1	CalcMsg		
MB 240-68955/1-A		9034		50 mL	8 mL	9.10 mL	OK		
LCS 240-68955/2-A		9034		50 mL	8 mL	8.05 mL	OK		
240-18735-B-6-A	070-0059-0001-IDW	9034	T	50 mL	8 mL	9.05 mL	OK		

Batch Notes	
HCl Concentration	1:1
Lot # of hydrochloric acid	760754
Iodine Lot Number	792238
Normality of Iodine Solution	0.028350 N
Sodium Thiosulfate Reagent ID Number	669841
Perform Calculation (0=No, 1=Yes)	1
Starch Lot Number	755038
Normality of first Titrant	0.0252 N
Zinc Acetate Buffer Reagent ID Number	741150

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68653 Batch Start Date: 12/13/12 18:31 Batch Analyst: Grossman, Lucas

Batch Method: 9040C Batch End Date: 12/13/12 18:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	pHread1	pHRead2	CalcMsg	WCPH7 00024	WCWIBBYPHLCS 00006
CCV 240-68653/1		9040C		10 mL	7.02 SU		pH = Read 1	10 mL	
LCS 240-68653/2		9040C		10 mL	5.52 SU		pH = Read 1		10 mL
240-18735-H-6	070-0059-0001-ID W	9040C	T	10 mL	8.28 SU	8.27 SU	Read 2 Pass		
CCV 240-68653/7		9040C		10 mL	7.03 SU		pH = Read 1	10 mL	

Batch Notes	
Batch Comment	5 point calibration
pH Buffer 1 ID	7-660922
pH Buffer 2 ID	4-420355
pH Buffer 3 ID	10-710412
pH Buffer 4 ID	12-562275
pH Buffer 5 ID	2-580422
Electronic Slope	99.3
Probe ID	wcp82

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68809 Batch Start Date: 12/14/12 15:19 Batch Analyst: Grossman, Lucas

Batch Method: 9045C Batch End Date: 12/14/12 18:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	pHread1	CalcMsg	WCPH7 00024	WCWIBBYPHLCS 00006	
CCV 240-68809/41		9045C		10 mL	6.98 SU	pH = Read 1	10 mL		
LCS 240-68809/42		9045C		10 mL	5.46 SU	pH = Read 1		10 mL	
CCV 240-68809/52		9045C		10 mL	6.97 SU	pH = Read 1	10 mL		
240-18735-C-5	070-0058-0001-ID W	9045C	T	10 mL	7.68 SU	pH = Read 1			
CCV 240-68809/59		9045C		10 mL	6.97 SU	pH = Read 1	10 mL		

Batch Notes	
Batch Comment	5 point calibration
pH Buffer 1 ID	7-660922
pH Buffer 2 ID	10-710412
pH Buffer 3 ID	4-420355
pH Buffer 4 ID	12-562275
pH Buffer 5 ID	2-580422
Electronic Slope	99.6
Probe ID	wcp82
Sufficient volume for sample dup	y

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68573 Batch Start Date: 12/13/12 12:13 Batch Analyst: Harshman, Tom

Batch Method: Moisture Batch End Date: 12/14/12 10:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-18735-A-5	070-0058-0001-ID W	Moisture	T	4.3988 g	13.0549 g	12.0083 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	12/13/12
Oven Temp when samples are put in oven	103.5 Degrees C
Time samples were place in the oven	15:30
Date samples were removed from oven	12/14/12
Oven Temp when samples removed from oven	103.9 Degrees C
Time Samples were removed from oven	05:10
Oven ID	002
ID number of the thermometer	Tempguard Box C #6

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69525 Batch Start Date: 12/20/12 08:25 Batch Analyst: Nicholas, Courtney

Batch Method: 9012A Batch End Date: 12/20/12 09:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ChlorineCheck	SulfideCheck	DigestBlockID	DigestBlockPos
CCVH 240-69525/1		9012A, 9012A/DoD		50 mL	25 mL			A	1
CCVL 240-69525/2		9012A, 9012A/DoD		50 mL	25 mL			A	2
MB 240-69525/3		9012A, 9012A/DoD		0.99 g	25 mL			A	3
LCS 240-69525/4		9012A, 9012A/DoD		1.00 g	25 mL			A	4
240-18735-B-5	070-0058-0001-ID W	9012A, 9012A/DoD	T	1.00 g	25 mL	no	no	B	4

Lab Sample ID	Client Sample ID	Method Chain	Basis	WCCN10PPM1 00087	WCCNLCS 00016				
CCVH 240-69525/1		9012A, 9012A/DoD		0.5 mL					
CCVL 240-69525/2		9012A, 9012A/DoD		0.125 mL					
MB 240-69525/3		9012A, 9012A/DoD							
LCS 240-69525/4		9012A, 9012A/DoD			5 mL				
240-18735-B-5	070-0058-0001-ID W	9012A, 9012A/DoD	T						

Batch Notes	
Batch Comment	beakers 714538, traps 725471
Magnesium Chloride Lot Number	775829
Sodium Hydroxide Reagent ID Number	673114
Pipette ID	377856, 380195
Sulfamic Acid Reagent ID Number	732142
Sulfuric Acid Reagent ID Number	787798
Uncorrected Distill Temperature	125 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69587 Batch Start Date: 12/20/12 09:08 Batch Analyst: Nicholas, Courtney

Batch Method: 9012A/DoD Batch End Date: 12/20/12 10:19

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WCCN.01MRL1 00072	WCCN.1CCV1 00087	WCCN.1ICV2 00091	
ICV 240-69587/4		9012A/DoD		2 mL	2 mL			2 mL	
ICB 240-69587/5		9012A/DoD		2 mL	2 mL				
MRL 240-69587/6		9012A/DoD		2 mL	2 mL	2 mL			
CCV 240-69587/7		9012A/DoD		2 mL	2 mL		2 mL		
CCB 240-69587/8		9012A/DoD		2 mL	2 mL				
CCVH 240-69525/1-A		9012A/DoD		2 mL	2 mL				
CCVL 240-69525/2-A		9012A/DoD		2 mL	2 mL				
MB 240-69525/3-A		9012A/DoD		2 mL	2 mL				
LCS 240-69525/4-A		9012A/DoD		2 mL	2 mL				
CCV 240-69587/17		9012A/DoD		2 mL	2 mL		2 mL		
CCB 240-69587/18		9012A/DoD		2 mL	2 mL				
240-18735-B-5-B	070-0058-0001-IDW	9012A/DoD	T	2 mL	2 mL				
CCV 240-69587/22		9012A/DoD		2 mL	2 mL		2 mL		
CCB 240-69587/23		9012A/DoD		2 mL	2 mL				
MRL 240-69587/29		9012A/DoD		2 mL	2 mL	2 mL			

Batch Notes	
Batch Comment	NaOH=673114
Buffer Reagent ID Number	556042
Chloramine-T Reagent ID Number	609470
Pyridine-Barbituric Acid Reagent ID	555981, 556020

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69982 Batch Start Date: 12/24/12 10:50 Batch Analyst: Martin, Aaron

Batch Method: 9012A Batch End Date: 12/24/12 11:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ChlorineCheck	SulfideCheck	DistillpHCheck	DigestBlockID
MB 240-69982/1		9012A, 9012A/DoD		50 mL	25 mL				A
LCS 240-69982/2		9012A, 9012A/DoD		50 mL	25 mL				A
240-18735-A-6	070-0059-0001-IDW	9012A, 9012A/DoD	T	50 mL	25 mL	N	N	10	A
240-18735-A-6 MS	070-0059-0001-IDW	9012A, 9012A/DoD	T	50 mL	25 mL	N	N	10	A
240-18735-A-6 MSD	070-0059-0001-IDW	9012A, 9012A/DoD	T	50 mL	25 mL	N	N	10	A
CCVL 240-69982/25		9012A, 9012A/DoD		50 mL	25 mL				C
CCVH 240-69982/26		9012A, 9012A/DoD		50 mL	25 mL				C

Lab Sample ID	Client Sample ID	Method Chain	Basis	DigestBlockPos	WCCN10PPM1 00088	WCCN1PPMMSD2 00098	WCCNLCS 00016		
MB 240-69982/1		9012A, 9012A/DoD		1					
LCS 240-69982/2		9012A, 9012A/DoD		2			5 mL		
240-18735-A-6	070-0059-0001-IDW	9012A, 9012A/DoD	T	3					
240-18735-A-6 MS	070-0059-0001-IDW	9012A, 9012A/DoD	T	4		2 mL			
240-18735-A-6 MSD	070-0059-0001-IDW	9012A, 9012A/DoD	T	5		2 mL			
CCVL 240-69982/25		9012A, 9012A/DoD		5	0.125 mL				
CCVH 240-69982/26		9012A, 9012A/DoD		6	0.5 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 69982 Batch Start Date: 12/24/12 10:50 Batch Analyst: Martin, Aaron

Batch Method: 9012A Batch End Date: 12/24/12 11:50

Batch Notes	
Batch Comment	beakers 714538, traps 725471
Magnesium Chloride Lot Number	775829
Sodium Hydroxide Reagent ID Number	673114
Pipette ID	377856, 380195
Sulfamic Acid Reagent ID Number	732142
Sulfuric Acid Reagent ID Number	787798
Uncorrected Distill Temperature	125 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 70054 Batch Start Date: 12/24/12 11:18 Batch Analyst: Martin, Aaron

Batch Method: 9012A/DoD Batch End Date: 12/24/12 14:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC0.25NAOH 00012	WCCN.01MRL1 00073	WCCN.1CCV1 00088	WCCN.1ICV2 00092
ICV 240-70054/4		9012A/DoD		2 mL	2 mL				2 mL
ICB 240-70054/5		9012A/DoD		2 mL	2 mL	2 mL			
MRL 240-70054/6		9012A/DoD		2 mL	2 mL		2 mL		
CCVL 240-69982/25-A		9012A/DoD		2 mL	2 mL				
CCV 240-70054/31		9012A/DoD		2 mL	2 mL			2 mL	
CCB 240-70054/32		9012A/DoD		2 mL	2 mL				
MB 240-69982/1-A		9012A/DoD		2 mL	2 mL				
240-18735-A-6-A	070-0059-0001-IDW	9012A/DoD	T	2 mL	2 mL				
240-18735-A-6-BMS	070-0059-0001-IDW	9012A/DoD	T	2 mL	2 mL				
CCV 240-70054/42		9012A/DoD		2 mL	2 mL			2 mL	
CCB 240-70054/43		9012A/DoD		2 mL	2 mL				
CCV 240-70054/49		9012A/DoD		2 mL	2 mL			2 mL	
CCB 240-70054/50		9012A/DoD		2 mL	2 mL				
LCS 240-69982/2-A		9012A/DoD		2 mL	2 mL				
CCVH 240-69982/26-A		9012A/DoD		2 mL	2 mL				
CCV 240-70054/53		9012A/DoD		2 mL	2 mL			2 mL	
CCB 240-70054/54		9012A/DoD		2 mL	2 mL				
CCV 240-70054/55		9012A/DoD		2 mL	2 mL			2 mL	
CCB 240-70054/56		9012A/DoD		2 mL	2 mL				
240-18735-A-6-CMSD	070-0059-0001-IDW	9012A/DoD	T	2 mL	2 mL				
CCV 240-70054/59		9012A/DoD		2 mL	2 mL			2 mL	
CCB 240-70054/60		9012A/DoD		2 mL	2 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 70054 Batch Start Date: 12/24/12 11:18 Batch Analyst: Martin, Aaron

Batch Method: 9012A/DoD Batch End Date: 12/24/12 14:07

Batch Notes	
Batch Comment	NaOH 673114
Buffer Reagent ID Number	528652
Chloramine-T Reagent ID Number	609500
Pyridine-Barbituric Acid Reagent ID	556033

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Batch Number: 7816 Batch Start Date: 12/26/12 06:53 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 12/26/12 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00007			
MB 320-7816/1		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		100 mL	45 mL				
LCS 320-7816/2		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		100 mL	45 mL	1 mL			
240-18735-Q-3	070-0056-0001-SOURCE WATER	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	100 mL	45 mL				
240-18735-Q-4	070-0057-0001-SOURCE WATER	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	100 mL	45 mL				

Batch Notes	
Acetone Lot #	Acetone_00006
Centrifuge Tube	2223568
Membrane Filter	MILLIPORE R2JA47614
Millipore Water Dispense Date	12/13/12

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Batch Number: 7878 Batch Start Date: 12/27/12 05:45 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 12/27/12 07:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 320-7816/1-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
LCS 320-7816/2-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
240-18735-Q-3-B	070-0056-0001-SOURCE WATER	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-18735-Q-4-B	070-0057-0001-SOURCE WATER	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				

Batch Notes	
0.45 Filter Vendor/Lot	MILLIPORE LOT R2DA02309
Centrifuge Tube	2223568
Sulfuric Acid Lot Number	SULFURIC ACID_00001
Millipore Water Dispense Date	12/13/12
NaOH Lot #	SODIUM HYDROX_00001

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18735-2

SDG No.:

Batch Number: 8009 Batch Start Date: 12/27/12 13:05 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 00015	WC-353.2-L1 00014	WC-353.2-L4 00010			
ICV 320-8009/8		WS-WC-0050		# mL					
MRL 320-8009/10		WS-WC-0050			# mL				
MRL 320-8009/20		WS-WC-0050			# mL				
CCV 320-8009/21		WS-WC-0050				# mL			
LCS 320-8009/27		WS-WC-0050		# mL					
MRL 320-8009/31		WS-WC-0050			# mL				
CCV 320-8009/32		WS-WC-0050				# mL			

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-WC-16-3 e. 3/17/13
NO2/NO3 Indicator ID #	4525-WC-16-7 e. 12/27/13

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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: A. EASTGARD	Site Contact: J. DONOVAN	Lab Contact: M. LOEB	COC No: 050743
Address: 33 BOSTON POST RD	Telephone:	Telephone:	Telephone: REACTIVITY, CORROSIVITY, IGNITIBILITY	1 of 3 COCs
City/State/Zip: MARLBORO MA	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client: ☐ Lab pickup: ☐ Lab sampling: ☐ Job/SDG No:
Project Name:	Method of Shipment/Carrier: DEL. TO LAB			
Project Number:	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: UNPRES	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: 01	Filtered Sample (Y/N)	Composite C / Grab G	VOC (MTBE)	GRO	DRO (TAL METALS)	PEST / PCB	HERBICIDES	EXPLOSIVES	PRODUCTANTS	O/G SOLID	SVOC (PAH)	TCLP ICP/MS	Sample Specific Notes / Special Instructions:
070SB-0042M-0001-SO	12-12-12	1030				X		X					X	X				X						X			
070SB-0042M-0002-SO		1030				X		X					X	X				X						X			MS/MSD
070SB-0055-0001-TB		0800		X						X				X				X									TRIP BLK
070-0056-0001-SOURCE WATER		1300		X					X	X			X				X	X	X	X	X	X	X		X		SOURCE WATER DRILLER
070-0057-0001-SOURCE WATER		1315		X					X	X			X				X	X	X	X	X	X	X		X		SOURCE WATER ECC
070-0058-0001-IDW		1330				X							X												X	X	IDW TCLP SOLID
070-0059-0001-IDW		1330		X						X	X						X									X	IDW TCLP LIQUIDS
070-0060-0001-TB	↓	0800																									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:
ANY QUES ON TCLP ANALYSIS CALL JACKSON KIKER AT ECC

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	ECC	12-12-12 1702			12-12-12
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TAL	Date/Time: 12/12/12 1702

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: KCL	Client Project Manager: AL FASTRAM	Site Contact: J. DONOVAN	Lab Contact: MARK LOEB	COC No: 050742
Address: 33 BOSTON POST RD WEST	Telephone:	Telephone:	Telephone:	2 of 3 COCs
City/State/Zip: MARLBORO MA 01752	Email:	Analysis Turnaround Time (in BUS days): TAT if different from below _____ STANDARD: ☐ 5 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	Analyses: 1,2,4 CHROM	For lab use only: ☐ Walk-in client ☐ Lab picking ☐ Lab sampling Job/SDG No.:
Phone:				
Project Name:	Method of Shipment/Carrier: DEL. TO LAB			
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite (C) / Grab (G)	Sample Specific Notes / Special Instructions:
07658-0119-0001-SO	12-11-12	0910				X							X			X	
07658-0120-0001-SO	↓	1120				↓							↓			↓	
07658-0121-0001-SO		1050															
07658-0122-0001-SO		0930															
07658-0123-0001-SO		0950															
07658-0124-0001-SO	↓	1015															
07658-0125-0001-SO	12-12-12	1015															
07658-0125-0002-SO	12-12-12	1015															MS/MSD
07658-0126-0001-SO	12-11-12	1555															
07658-0127-0001-SO	↓	1555				↓							↓			↓	

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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:
DISCRETE SAMPLES, DO NOT DRY

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	KCL	12-12-12 1707			12-12-12
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TVA	12/12/12 1707

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 BASTIAN	Site Contact: J. DONOVAN	Lab Contact: MARK LOHR	COC No: 049454
Address: 33 BOSTON POST ROAD W.	Telephone:	Telephone:	Telephone:	3 of 3 COCs
City/State/Zip: MARLBORO MA	Email:	Analysis Turnaround Time (calendar days)	Analyses	For lab use only
Phone:		TAT if different from below: STANDARD		Walk-in client ☐
Project Name:	Method of Shipment/Carrier: DEL. TO LAB	☐ 3 weeks		Lab pickup ☐
Project Number:	Shipping/Tracking No:	☐ 2 weeks		Lab sampling ☐
PO #		☐ 1 week		Job/SDG No:
		☐ 2 days		
		☐ 1 day		

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composites / Grabs	HEX. CHROM	Sample Specific Notes / Special Instructions:
0765B-0128-0001-SO	12-11-12	1520				X											X	
0765B-0129-0001-SO	↓	1450																
0765B-0130-0001-SO	12-12-12	1049																
0765B-0131-0001-SO	↓	1124																
0765B-0132-0001-SO	12-11-12	1225																
0765B-0133-0001-SO		1225																
0765B-0134-0001-SO		1315																
0765B-0135-0001-SO		1340																
0765B-0136-0001-SO	↓	1410				↓											↓	

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:
DISCRETE, DO NOT DRY

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ECC	12-12-12 1707			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TAL	12/12/12 1707

TAL 0018- 1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 18735**

Client ECC Site Name _____ By: _____

Cooler Received on 12-12-12 Opened on 12-12-12 (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	☐ Multiple on Back
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	

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)? CSL 12/12/12	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 MJL Date 12/12/12 by CSL via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

58-0001-FOW recvd soil and water, but did not get 59-0001-FOW will log 58 water ~~in place of~~ as 59. Will log per COC.

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# 051012-H2SO4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)?

Client ID	pH	Date	Initials
56	12	12/12/12	CSL
57	12	1	1

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
TA Nott	4.2	4.2	46	Ice
Client	3.8	3.8	1	1
1	4.6	4.6		
	4.0	4.0		

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-18735-2

Login Number: 18735
List Number: 1
Creator: Gamber, Tom

List Source: TestAmerica Pittsburgh
List Creation: 12/20/12 05:53 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	False	
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.	True	
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	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-18735-2

Login Number: 18735
List Number: 1
Creator: Sadler, William

List Source: TestAmerica Sacramento
List Creation: 12/14/12 10:07 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	1.5
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?	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	