

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICV 320-3377/11 Calibration Date: 09/01/2012 17:51
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: A-000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	129.4		514	500	2.8	20.0
RDX	Ave	88.99	86.72		487	500	-2.5	20.0
Ethylene glycol dinitrate	Ave	96.86	112.1		579	500	15.7	20.0
1,3,5-Trinitrobenzene	Ave	162.7	158.6		488	500	-2.5	20.0
1,3-Dinitrobenzene	Ave	161.7	155.7		481	500	-3.7	20.0
3,5-Dinitroaniline	Ave	103.9	108.4		522	500	4.3	20.0
Tetryl	Ave	86.55	92.08		532	500	6.4	20.0
Nitrobenzene	Ave	73.74	71.77		487	500	-2.7	20.0
Nitroglycerin	Ave	64.89	64.13		494	500	-1.2	20.0
2,4,6-Trinitrotoluene	Ave	92.79	94.76		511	500	2.1	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	72.57		479	500	-4.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	81.12		485	500	-3.0	20.0
2,6-Dinitrotoluene	Ave	59.58	57.45		482	500	-3.6	20.0
2,4-Dinitrotoluene	Ave	95.97	94.66		493	500	-1.4	20.0
2-Nitrotoluene	Ave	44.56	40.14		450	500	-9.9	20.0
4-Nitrotoluene	Ave	53.43	49.54		464	500	-7.3	20.0
3-Nitrotoluene	Ave	53.94	48.54		450	500	-10.0	20.0
PETN	Ave	36.72	35.94		489	500	-2.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICV 320-3377/11 Calibration Date: 09/01/2012 17:51
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: A-000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.24	4.99	5.49
RDX	7.58	7.33	7.83
Ethylene glycol dinitrate	8.30	8.06	8.56
1,3,5-Trinitrobenzene	9.99	9.74	10.24
1,3-Dinitrobenzene	12.68	12.43	12.93
3,5-Dinitroaniline	13.44	13.20	13.70
Tetryl	13.94	13.69	14.19
Nitrobenzene	14.49	14.25	14.75
Nitroglycerin	15.19	14.95	15.45
2,4,6-Trinitrotoluene	16.07	15.82	16.32
4-Amino-2,6-dinitrotoluene	16.61	16.37	16.87
2-Amino-4,6-dinitrotoluene	17.59	17.35	17.85
2,6-Dinitrotoluene	19.29	19.04	19.54
2,4-Dinitrotoluene	19.92	19.68	20.18
2-Nitrotoluene	23.39	23.17	23.67
4-Nitrotoluene	25.08	24.85	25.35
3-Nitrotoluene	27.04	26.80	27.30
PETN	29.65	29.40	29.90

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000015.D
 Lims ID: ICV Client ID:
 Inject. Date: 01-Sep-2012 17:51:02 Dil. Factor: 1.0000
 Sample Type: ICV
 Sample ID: ICV HP8330IC_00005 500ng/mL;2
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 19
 Lims Batch ID: 3377 Lims Sample ID: 11
 Sublist:

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
 Last Update: 13-Sep-2012 10:19:58 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK003

First Level Reviewer: noonanr

Date: 12-Sep-2012 13:53:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.238	5.235	0.003	64694	514.2	
19 RDX						
1	7.584	7.579	0.005	43361	487.3	
3 Ethylene glycol dinitrate						
2	8.304	8.305	-0.001	56056	578.7	
10 2,4,6-Trinitrophenol						
2	8.611	8.685	-0.074	118451	961.8	
1	8.611	8.685	-0.074	78800	953.2	
27 1,3,5-Trinitrobenzene						
1	9.991	9.992	-0.001	79307	487.5	
24 1,3-Dinitrobenzene						
1	12.684	12.682	0.002	77842	481.5	
9 3,5-Dinitroaniline						
1	13.438	13.449	-0.011	54213	521.7	
20 Tetryl						
1	13.938	13.939	-0.001	46038	531.9	
5 Nitrobenzene						
1	14.488	14.495	-0.007	35885	486.6	
7 Nitroglycerin						
2	15.194	15.202	-0.008	32066	494.2	
25 2,4,6-Trinitrotoluene						
1	16.071	16.069	0.002	47381	510.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.611	16.619	-0.008	36286	479.1	
6 2-Amino-4,6-dinitrotoluene						
1	17.591	17.595	-0.004	40559	485.2	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12	2,6-Dinitrotoluene					
1	19.288	19.285	0.003	28726	482.1	
23	2,4-Dinitrotoluene					
1	19.918	19.925	-0.007	47332	493.2	
16	o-Nitrotoluene					
1	23.391	23.415	-0.024	20070	450.5	
15	p-Nitrotoluene					
1	25.084	25.102	-0.018	24769	463.6	
8	m-Nitrotoluene					
1	27.038	27.052	-0.014	24271	450.0	
21	PETN					
2	29.648	29.649	-0.001	17969	489.3	

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000015.D

Injection Date: 01-Sep-2012 17:51:02

Limit Group: LC 8330B ICAL

Client ID:

Instrument ID: LC10

Lims Batch ID: 3377

Lims Sample ID: 11

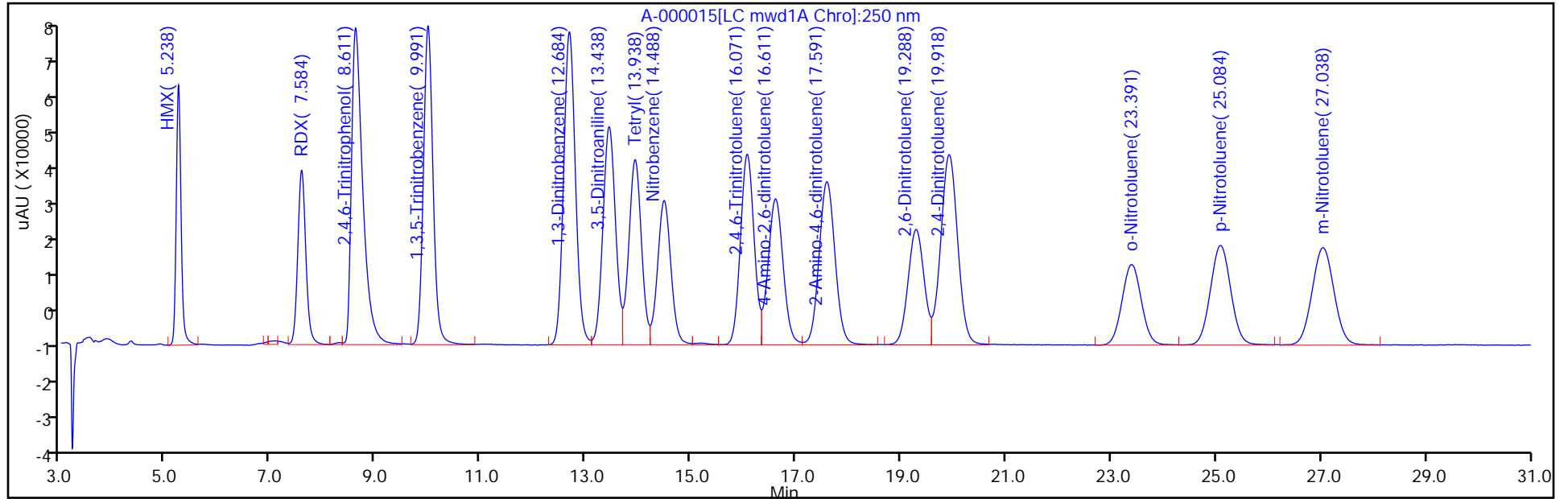
Operator ID: RN

Injection Vol: 500.0 ul

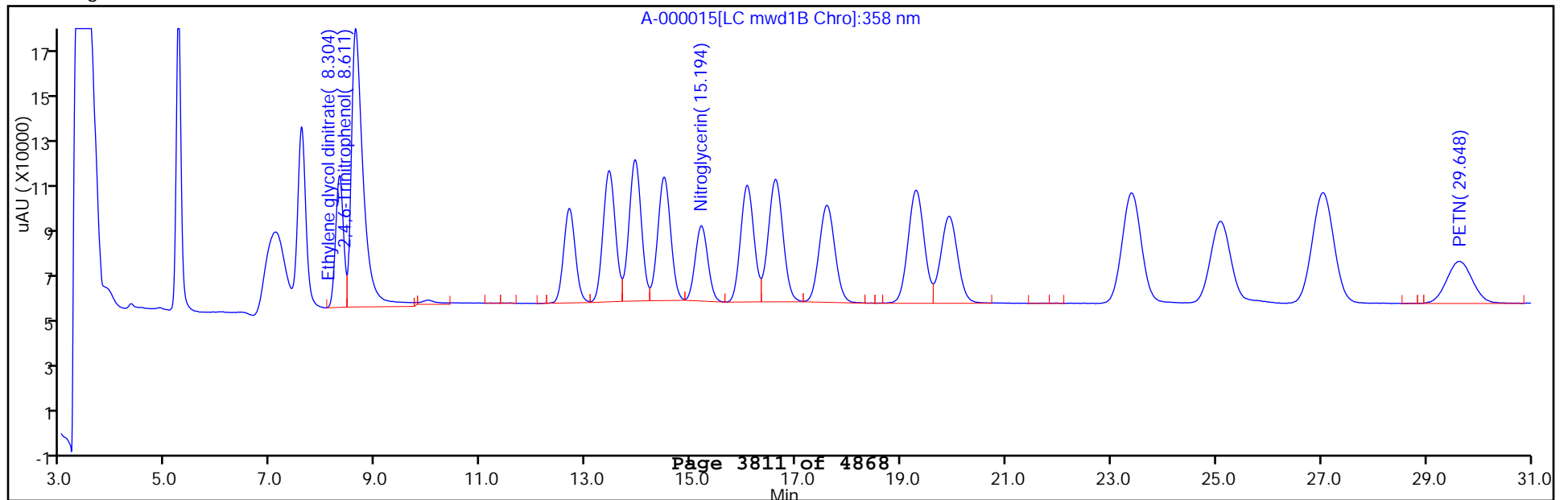
Column Type: Synergi Hydro-RP C18

Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: LODV 320-3377/13 Calibration Date: 09/01/2012 19:11
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: A-000017.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	123.8		4.92	5.00	-1.6	
RDX	Ave	88.99	99.40		5.59	5.00	11.7	
1,3,5-Trinitrobenzene	Ave	162.7	165.0		5.07	5.00	1.4	
1,3-Dinitrobenzene	Ave	161.7	168.6		5.21	5.00	4.3	
3,5-Dinitroaniline	Ave	103.9	110.0		5.29	5.00	5.9	
Tetryl	Ave	86.55	76.60		4.43	5.00	-11.5	
Nitrobenzene	Ave	73.74	77.80		5.28	5.00	5.5	
Nitroglycerin	Ave	64.89	84.10		25.9	20.0	29.6	
2,4,6-Trinitrotoluene	Ave	92.79	89.60		4.83	5.00	-3.4	
4-Amino-2,6-dinitrotoluene	Ave	75.73	92.20		6.09	5.00	21.7	
2-Amino-4,6-dinitrotoluene	Ave	83.59	91.20		5.46	5.00	9.1	
2,6-Dinitrotoluene	Ave	59.58	63.20		5.30	5.00	6.1	
2,4-Dinitrotoluene	Ave	95.97	108.0		5.63	5.00	12.5	
2-Nitrotoluene	Ave	44.56	55.20		6.19	5.00	23.9	
4-Nitrotoluene	Ave	53.43	69.20		6.48	5.00	29.5	
3-Nitrotoluene	Ave	53.94	62.60		5.80	5.00	16.1	
PETN	Ave	36.72	36.40		19.8	20.0	-0.9	
3,4-Dinitrotoluene	Ave	56.32	52.85		18.8	20.0	-6.2	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: LODV 320-3377/13 Calibration Date: 09/01/2012 19:11
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: A-000017.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.25	4.99	5.49
RDX	7.57	7.33	7.83
1,3,5-Trinitrobenzene	10.01	9.74	10.24
1,3-Dinitrobenzene	12.70	12.43	12.93
3,5-Dinitroaniline	13.46	13.20	13.70
Tetryl	13.90	13.69	14.19
Nitrobenzene	14.53	14.25	14.75
Nitroglycerin	15.19	14.95	15.45
2,4,6-Trinitrotoluene	16.09	15.82	16.32
4-Amino-2,6-dinitrotoluene	16.61	16.37	16.87
2-Amino-4,6-dinitrotoluene	17.57	17.35	17.85
2,6-Dinitrotoluene	19.30	19.04	19.54
2,4-Dinitrotoluene	19.97	19.68	20.18
2-Nitrotoluene	23.32	23.17	23.67
4-Nitrotoluene	25.07	24.85	25.35
3-Nitrotoluene	27.00	26.80	27.30
PETN	29.57	29.40	29.90
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	17.07	16.82	17.32

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D
 Lims ID: LODV 5-20ng/mL Client ID:
 Inject. Date: 01-Sep-2012 19:11:04 Dil. Factor: 1.0000
 Sample Type: LODV
 Sample ID: MRL HP8330ICL_00002 5-50ng/mL;2
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 21
 Lims Batch ID: 3377 Lims Sample ID: 13
 Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
 Last Update: 13-Sep-2012 13:28:32 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK036

First Level Reviewer: noonanr Date: 12-Sep-2012 14:27:02

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.245	5.235	0.010	619	4.92	
19 RDX						
1	7.565	7.579	-0.014	497	5.59	
27 1,3,5-Trinitrobenzene						
1	10.005	9.992	0.013	825	5.07	
24 1,3-Dinitrobenzene						
1	12.702	12.682	0.020	843	5.21	
9 3,5-Dinitroaniline						
1	13.459	13.449	0.010	550	5.29	
20 Tetryl						
1	13.902	13.939	-0.037	383	4.43	
5 Nitrobenzene						
1	14.532	14.495	0.037	389	5.28	
7 Nitroglycerin						
2	15.186	15.202	-0.016	1682	25.9	
25 2,4,6-Trinitrotoluene						
1	16.092	16.069	0.023	448	4.83	
26 4-Amino-2,6-dinitrotoluene						
1	16.609	16.619	-0.010	461	6.09	
\$ 30 3,4-Dinitrotoluene						
1	17.069	17.072	-0.003	1057	18.8	
2	17.109	17.082	0.027	2127	20.6	
6 2-Amino-4,6-dinitrotoluene						
1	17.569	17.595	-0.026	456	5.46	
12 2,6-Dinitrotoluene						
1	19.299	19.285	0.014	316	5.30	
23 2,4-Dinitrotoluene						
1	19.966	19.925	0.041	540	5.63	

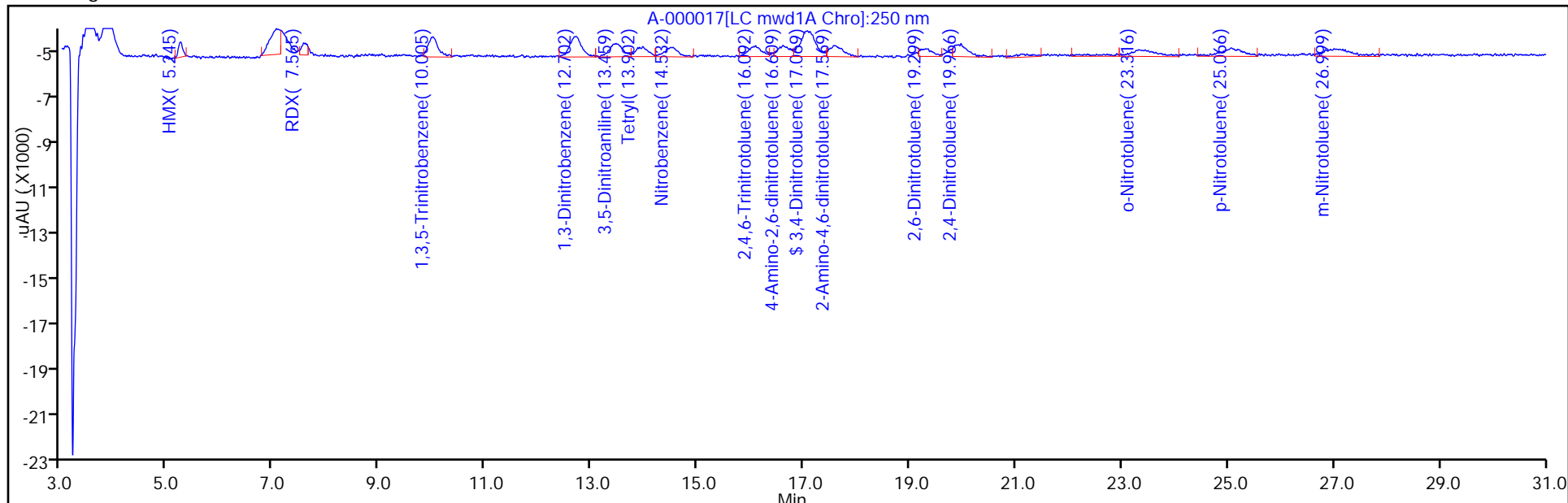
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D

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	

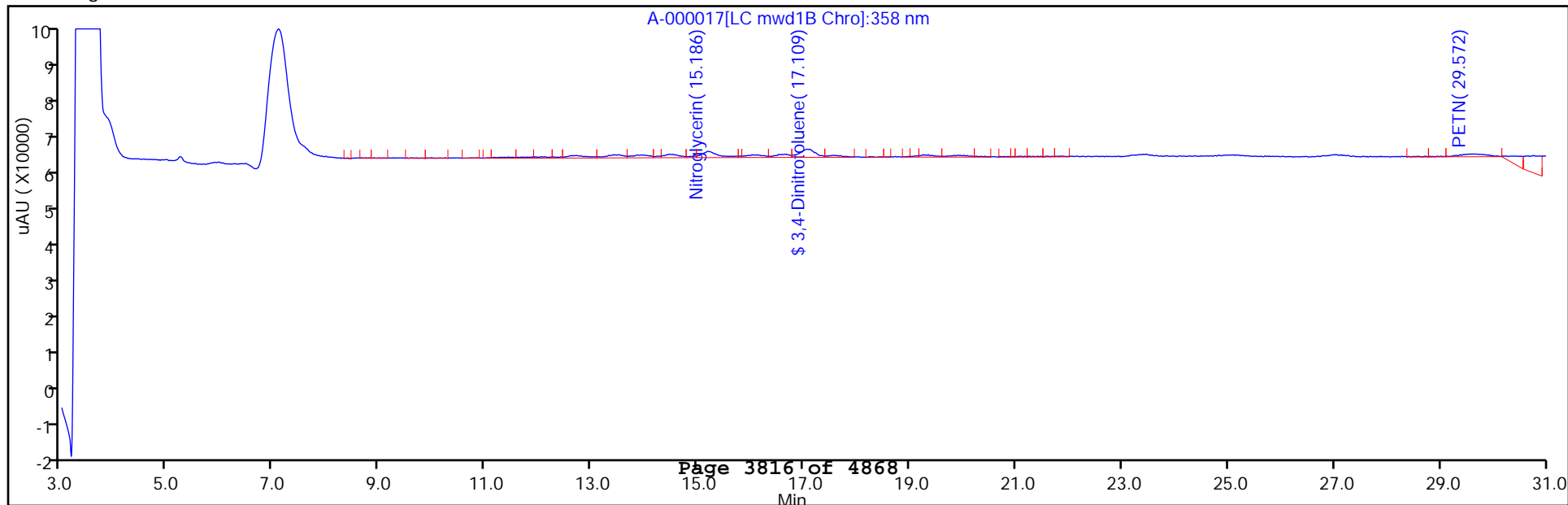
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D
Injection Date: 01-Sep-2012 19:11:04 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC10
Lims Batch ID: 3377 Lims Sample ID: 13
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD06 320-6177/12 Calibration Date: 11/20/2012 21:01
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	126.3		201	200	0.4	20.0
RDX	Ave	88.99	85.81		193	200	-3.6	20.0
Ethylene glycol dinitrate	Ave	96.86	105.9		219	200	9.4	20.0
1,3,5-Trinitrobenzene	Ave	162.7	161.2		198	200	-0.9	20.0
1,3-Dinitrobenzene	Ave	161.7	160.5		199	200	-0.7	20.0
3,5-Dinitroaniline	Ave	103.9	103.2		199	200	-0.7	20.0
Tetryl	Ave	86.55	86.37		200	200	-0.2	20.0
Nitrobenzene	Ave	73.74	71.96		195	200	-2.4	20.0
Nitroglycerin	Ave	64.89	63.78		197	200	-1.7	20.0
2,4,6-Trinitrotoluene	Ave	92.79	91.69		198	200	-1.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	76.18		201	200	0.6	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.48		197	200	-1.3	20.0
2,6-Dinitrotoluene	Ave	59.58	57.71		194	200	-3.1	20.0
2,4-Dinitrotoluene	Ave	95.97	95.22		198	200	-0.8	20.0
2-Nitrotoluene	Ave	44.56	41.28		185	200	-7.4	20.0
4-Nitrotoluene	Ave	53.43	50.81		190	200	-4.9	20.0
3-Nitrotoluene	Ave	53.94	51.32		190	200	-4.8	20.0
PETN	Ave	36.72	37.11		202	200	1.0	20.0
3,4-Dinitrotoluene	Ave	56.32	54.22		193	200	-3.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD06 320-6177/12 Calibration Date: 11/20/2012 21:01
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.20	4.95	5.45
RDX	7.49	7.24	7.74
Ethylene glycol dinitrate	8.20	7.95	8.45
1,3,5-Trinitrobenzene	9.85	9.60	10.10
1,3-Dinitrobenzene	12.48	12.23	12.73
3,5-Dinitroaniline	13.21	12.96	13.46
Tetryl	13.64	13.39	13.89
Nitrobenzene	14.23	13.98	14.48
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.75	15.50	16.00
4-Amino-2,6-dinitrotoluene	16.28	16.03	16.53
2-Amino-4,6-dinitrotoluene	17.24	16.99	17.49
2,6-Dinitrotoluene	18.88	18.63	19.13
2,4-Dinitrotoluene	19.51	19.26	19.76
2-Nitrotoluene	22.88	22.63	23.13
4-Nitrotoluene	24.54	24.29	24.79
3-Nitrotoluene	26.42	26.17	26.67
PETN	28.78	28.53	29.03
3,4-Dinitrotoluene	16.72	16.47	16.97

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000012.D
 Lims ID: STD06 Client ID:
 Inject. Date: 20-Nov-2012 21:01:22 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 320-0001479-012
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 3
 Lims Batch ID: 6177 Lims Sample ID: 12
 Sublist: chrom-8330_LC10*sub1
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:00:33 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:00:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.200	5.200	0.0	25260	200.8	
19 RDX						
1	7.494	7.494	0.0	17162	192.9	
3 Ethylene glycol dinitrate						
2	8.200	8.200	0.0	21186	218.7	
10 2,4,6-Trinitrophenol						
2	8.560	8.560	0.0	59728	485.0	
1	8.560	8.560	0.0	41397	500.8	
27 1,3,5-Trinitrobenzene						
1	9.847	9.847	0.0	32245	198.2	
24 1,3-Dinitrobenzene						
1	12.477	12.477	0.0	32096	198.5	
9 3,5-Dinitroaniline						
1	13.214	13.214	0.0	20635	198.6	
20 Tetryl						
1	13.644	13.644	0.0	17274	199.6	
5 Nitrobenzene						
1	14.230	14.230	0.0	14392	195.2	
7 Nitroglycerin						
2	14.877	14.877	0.0	12755	196.6	
25 2,4,6-Trinitrotoluene						
1	15.750	15.750	0.0	18338	197.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.280	16.280	0.0	15236	201.2	
\$ 30 3,4-Dinitrotoluene						
1	16.720	16.720	0.0	10843	192.5	
2	16.720	16.720	0.0	20030	193.9	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000012.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6	2-Amino-4,6-dinitrotoluene					
1	17.237	17.237	0.0	16496	197.3	
12	2,6-Dinitrotoluene					
1	18.877	18.877	0.0	11541	193.7	
23	2,4-Dinitrotoluene					
1	19.507	19.507	0.0	19044	198.4	
16	o-Nitrotoluene					
1	22.877	22.877	0.0	8256	185.3	
15	p-Nitrotoluene					
1	24.537	24.537	0.0	10161	190.2	
8	m-Nitrotoluene					
1	26.417	26.417	0.0	10264	190.3	
21	PETN					
2	28.784	28.784	0.0	7421	202.1	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000012.D

Injection Date: 20-Nov-2012 21:01:22 Limit Group: LC 8330B ICAL

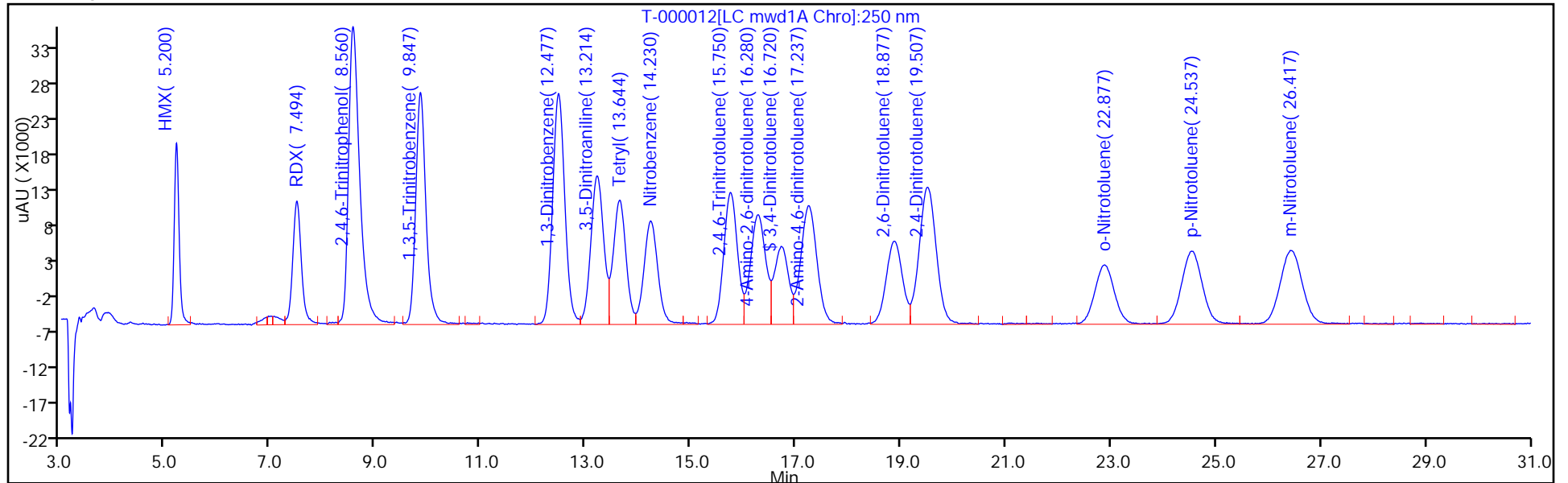
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 12

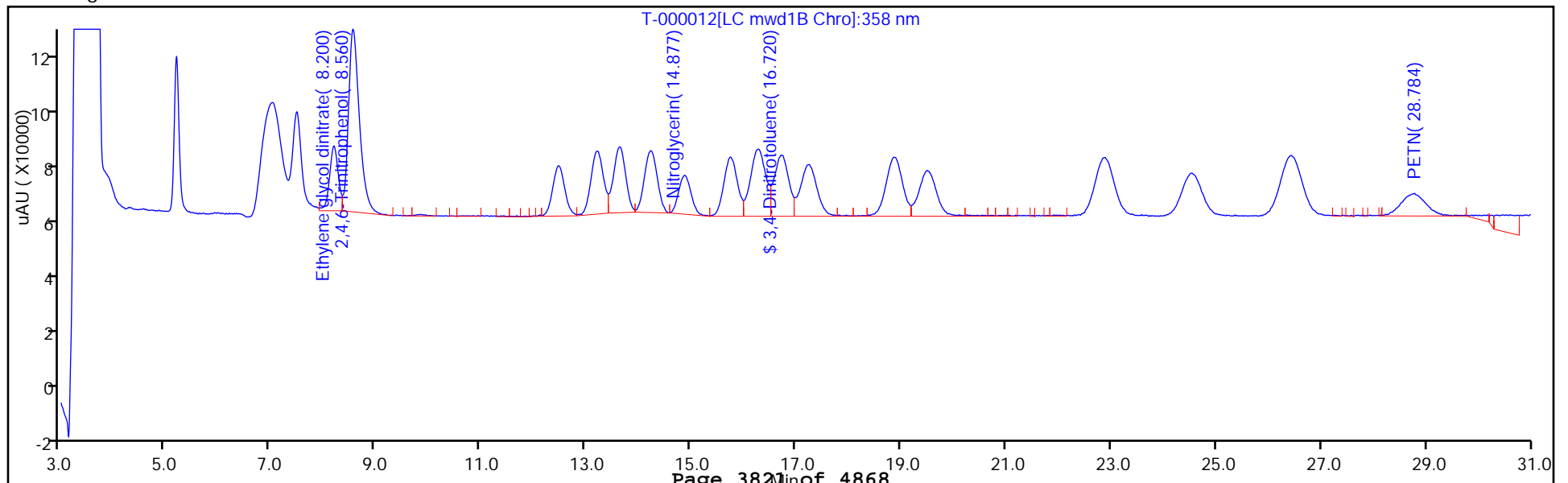
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6177/13 Calibration Date: 11/20/2012 21:41
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000013.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	134.8		5.36	5.00	7.1	30.0
RDX	Ave	88.99	114.0		6.41	5.00	28.1	30.0
1,3,5-Trinitrobenzene	Ave	162.7	180.2		5.54	5.00	10.8	30.0
1,3-Dinitrobenzene	Ave	161.7	185.0		5.72	5.00	14.4	30.0
3,5-Dinitroaniline	Ave	103.9	118.6		5.71	5.00	14.1	30.0
Tetryl	Ave	86.55	88.60		5.12	5.00	2.4	30.0
Nitrobenzene	Ave	73.74	101.6		6.89	5.00	37.8*	30.0
Nitroglycerin	Ave	64.89	76.15		23.5	20.0	17.4	30.0
2,4,6-Trinitrotoluene	Ave	92.79	107.0		5.77	5.00	15.3	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	86.80		5.73	5.00	14.6	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	90.60		5.42	5.00	8.4	30.0
2,6-Dinitrotoluene	Ave	59.58	71.40		5.99	5.00	19.8	30.0
2,4-Dinitrotoluene	Ave	95.97	104.2		5.43	5.00	8.6	30.0
2-Nitrotoluene	Ave	44.56	60.00		6.73	5.00	34.7*	30.0
4-Nitrotoluene	Ave	53.43	75.00		7.02	5.00	40.4*	30.0
3-Nitrotoluene	Ave	53.94	53.60		4.97	5.00	-0.6	30.0
PETN	Ave	36.72	40.60		22.1	20.0	10.6	30.0
3,4-Dinitrotoluene	Ave	56.32	60.65		21.5	20.0	7.7	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6177/13 Calibration Date: 11/20/2012 21:41
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000013.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.20	4.95	5.45
RDX	7.47	7.22	7.72
1,3,5-Trinitrobenzene	9.85	9.60	10.10
1,3-Dinitrobenzene	12.49	12.24	12.74
3,5-Dinitroaniline	13.24	12.99	13.49
Tetryl	13.59	13.34	13.84
Nitrobenzene	14.20	13.95	14.45
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.73	15.48	15.98
4-Amino-2,6-dinitrotoluene	16.19	15.94	16.44
2-Amino-4,6-dinitrotoluene	17.15	16.90	17.40
2,6-Dinitrotoluene	18.89	18.64	19.14
2,4-Dinitrotoluene	19.38	19.13	19.63
2-Nitrotoluene	22.82	22.57	23.07
4-Nitrotoluene	24.56	24.31	24.81
3-Nitrotoluene	26.26	26.01	26.51
PETN	28.65	28.40	28.90
3,4-Dinitrotoluene	16.73	16.48	16.98

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D
 Lims ID: CCVL Client ID:
 Inject. Date: 20-Nov-2012 21:41:45 Dil. Factor: 1.0000
 Sample Type: CCVL
 Sample ID: 320-0001479-013
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 10
 Lims Batch ID: 6177 Lims Sample ID: 13
 Sublist: chrom-8330_LC10*sub2
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:04:23 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:04:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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11 HMX						
1	5.196	5.196	0.0	674	5.36	
19 RDX						
1	7.466	7.466	0.0	570	6.41	
27 1,3,5-Trinitrobenzene						
1	9.849	9.849	0.0	901	5.54	
24 1,3-Dinitrobenzene						
1	12.490	12.490	0.0	925	5.72	
9 3,5-Dinitroaniline						
1	13.243	13.243	0.0	593	5.71	
20 Tetryl						
1	13.593	13.593	0.0	443	5.12	
5 Nitrobenzene						
1	14.203	14.203	0.0	508	6.89	
7 Nitroglycerin						
2	14.880	14.880	0.0	1523	23.5	
25 2,4,6-Trinitrotoluene						
1	15.730	15.730	0.0	535	5.77	
26 4-Amino-2,6-dinitrotoluene						
1	16.190	16.190	0.0	434	5.73	
\$ 30 3,4-Dinitrotoluene						
1	16.726	16.726	0.0	1213	21.5	
2	16.693	16.693	0.0	2211	21.4	
6 2-Amino-4,6-dinitrotoluene						
1	17.153	17.153	0.0	453	5.42	
12 2,6-Dinitrotoluene						
1	18.890	18.890	0.0	357	5.99	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23	2,4-Dinitrotoluene					
1	19.383	19.383	0.0	521	5.43	
16	o-Nitrotoluene					
1	22.823	22.823	0.0	300	6.73	
15	p-Nitrotoluene					
1	24.556	24.556	0.0	375	7.02	
8	m-Nitrotoluene					
1	26.256	26.256	0.0	268	4.97	
21	PETN					
2	28.653	28.653	0.0	812	22.1	M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D

Injection Date: 20-Nov-2012 21:41:45 Limit Group: LC 8330B ICAL

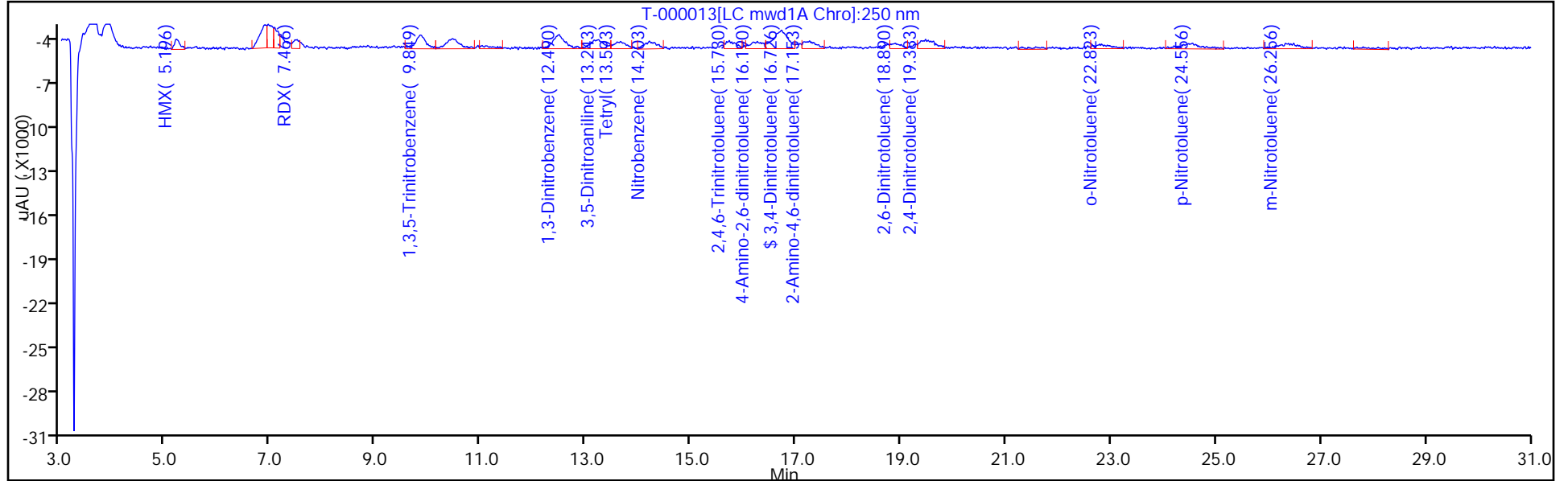
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 13

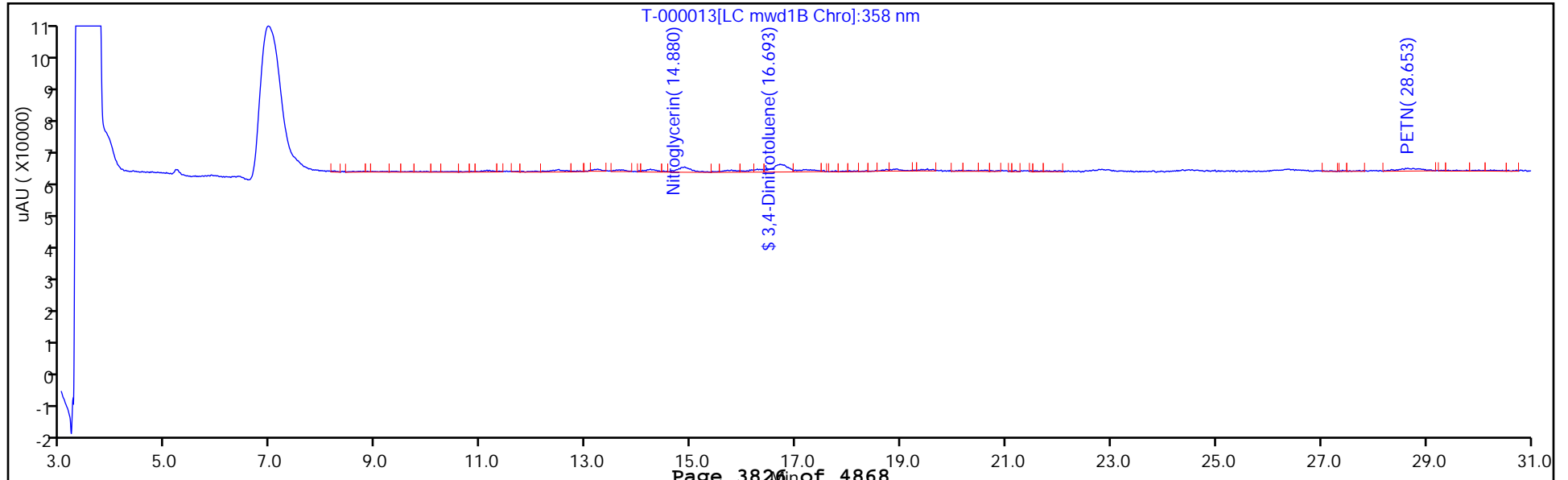
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



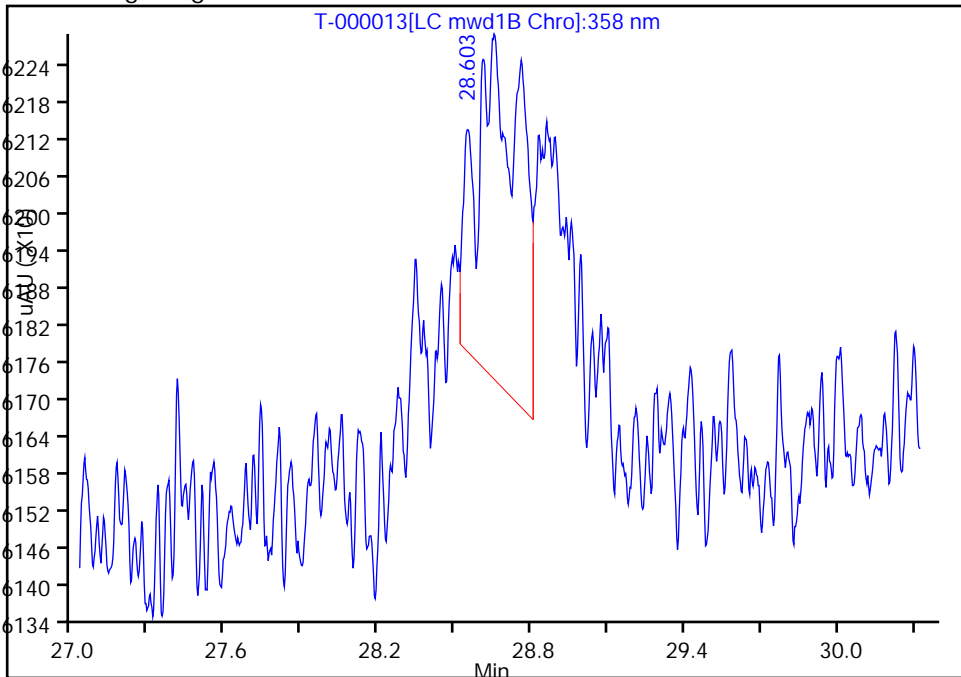
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000013.D
Injection Date: 20-Nov-2012 21:41:45 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC10
Lims Batch ID: 6177 Lims Sample ID: 13
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.65, Det: LC mwd1B

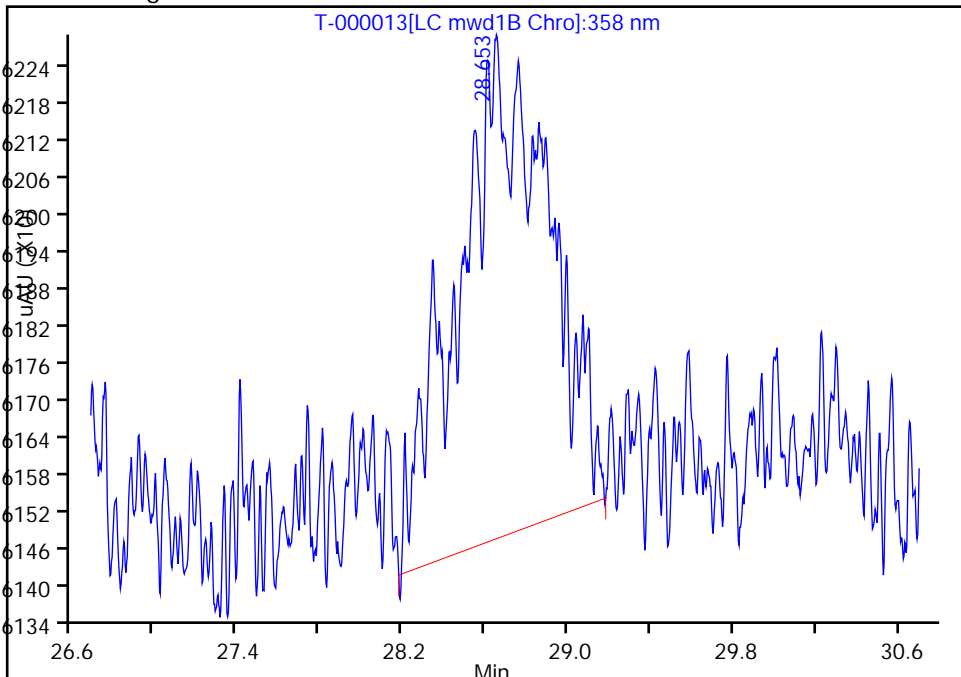
RT: 28.60
Response: 460
Amount: 12.525641

Processing Integration Results



RT: 28.65
Response: 812
Amount: 22.110480

Manual Integration Results



Reviewer: noonanr, 21-Nov-2012 12:04:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD06 320-6177/24 Calibration Date: 11/21/2012 05:06
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000024.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	127.2		202	200	1.1	20.0
RDX	Ave	88.99	85.39		192	200	-4.0	20.0
Ethylene glycol dinitrate	Ave	96.86	105.6		218	200	9.0	20.0
1,3,5-Trinitrobenzene	Ave	162.7	162.5		200	200	-0.0	20.0
1,3-Dinitrobenzene	Ave	161.7	161.5		200	200	-0.1	20.0
3,5-Dinitroaniline	Ave	103.9	102.9		198	200	-1.0	20.0
Tetryl	Ave	86.55	85.54		198	200	-1.2	20.0
Nitrobenzene	Ave	73.74	69.42		188	200	-5.9	20.0
Nitroglycerin	Ave	64.89	63.83		197	200	-1.6	20.0
2,4,6-Trinitrotoluene	Ave	92.79	92.10		199	200	-0.7	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	75.57		200	200	-0.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.40		197	200	-1.4	20.0
2,6-Dinitrotoluene	Ave	59.58	57.03		191	200	-4.3	20.0
2,4-Dinitrotoluene	Ave	95.97	95.55		199	200	-0.4	20.0
2-Nitrotoluene	Ave	44.56	40.45		182	200	-9.2	20.0
4-Nitrotoluene	Ave	53.43	50.05		187	200	-6.3	20.0
3-Nitrotoluene	Ave	53.94	50.33		187	200	-6.7	20.0
PETN	Ave	36.72	37.43		204	200	1.9	20.0
3,4-Dinitrotoluene	Ave	56.32	53.18		189	200	-5.6	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD06 320-6177/24 Calibration Date: 11/21/2012 05:06
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000024.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.20	4.95	5.45
RDX	7.49	7.24	7.74
Ethylene glycol dinitrate	8.19	7.94	8.44
1,3,5-Trinitrobenzene	9.85	9.60	10.10
1,3-Dinitrobenzene	12.47	12.22	12.72
3,5-Dinitroaniline	13.20	12.95	13.45
Tetryl	13.64	13.39	13.89
Nitrobenzene	14.22	13.97	14.47
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.74	15.49	15.99
4-Amino-2,6-dinitrotoluene	16.25	16.00	16.50
2-Amino-4,6-dinitrotoluene	17.21	16.96	17.46
2,6-Dinitrotoluene	18.85	18.60	19.10
2,4-Dinitrotoluene	19.48	19.23	19.73
2-Nitrotoluene	22.85	22.60	23.10
4-Nitrotoluene	24.50	24.25	24.75
3-Nitrotoluene	26.38	26.13	26.63
PETN	28.73	28.48	28.98
3,4-Dinitrotoluene	16.70	16.45	16.95

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000024.D
 Lims ID: STD06 Client ID:
 Inject. Date: 21-Nov-2012 05:06:09 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 320-0001479-024
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 3
 Lims Batch ID: 6177 Lims Sample ID: 24
 Sublist: chrom-8330_LC10*sub1
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:27:08 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:27:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.198	5.198	0.0	25445	202.3	
19 RDX						
1	7.488	7.488	0.0	17077	191.9	
3 Ethylene glycol dinitrate						
2	8.192	8.192	0.0	21115	218.0	
10 2,4,6-Trinitrophenol						
2	8.555	8.555	0.0	60526	491.4	
1	8.552	8.552	0.0	41657	503.9	
27 1,3,5-Trinitrobenzene						
1	9.845	9.845	0.0	32507	199.8	
24 1,3-Dinitrobenzene						
1	12.465	12.465	0.0	32293	199.7	
9 3,5-Dinitroaniline						
1	13.195	13.195	0.0	20582	198.1	
20 Tetryl						
1	13.635	13.635	0.0	17107	197.7	
5 Nitrobenzene						
1	14.218	14.218	0.0	13884	188.3	
7 Nitroglycerin						
2	14.875	14.875	0.0	12765	196.7	
25 2,4,6-Trinitrotoluene						
1	15.738	15.738	0.0	18419	198.5	
26 4-Amino-2,6-dinitrotoluene						
1	16.245	16.245	0.0	15114	199.6	
\$ 30 3,4-Dinitrotoluene						
1	16.702	16.702	0.0	10635	188.8	
2	16.708	16.708	0.0	20186	195.4	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000024.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6	2-Amino-4,6-dinitrotoluene					
1	17.212	17.212	0.0	16479	197.1	
12	2,6-Dinitrotoluene					
1	18.852	18.852	0.0	11405	191.4	
23	2,4-Dinitrotoluene					
1	19.475	19.475	0.0	19109	199.1	
16	o-Nitrotoluene					
1	22.852	22.852	0.0	8090	181.6	
15	p-Nitrotoluene					
1	24.502	24.502	0.0	10010	187.4	
8	m-Nitrotoluene					
1	26.378	26.378	0.0	10065	186.6	
21	PETN					
2	28.728	28.728	0.0	7485	203.8	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000024.D

Injection Date: 21-Nov-2012 05:06:09 Limit Group: LC 8330B ICAL

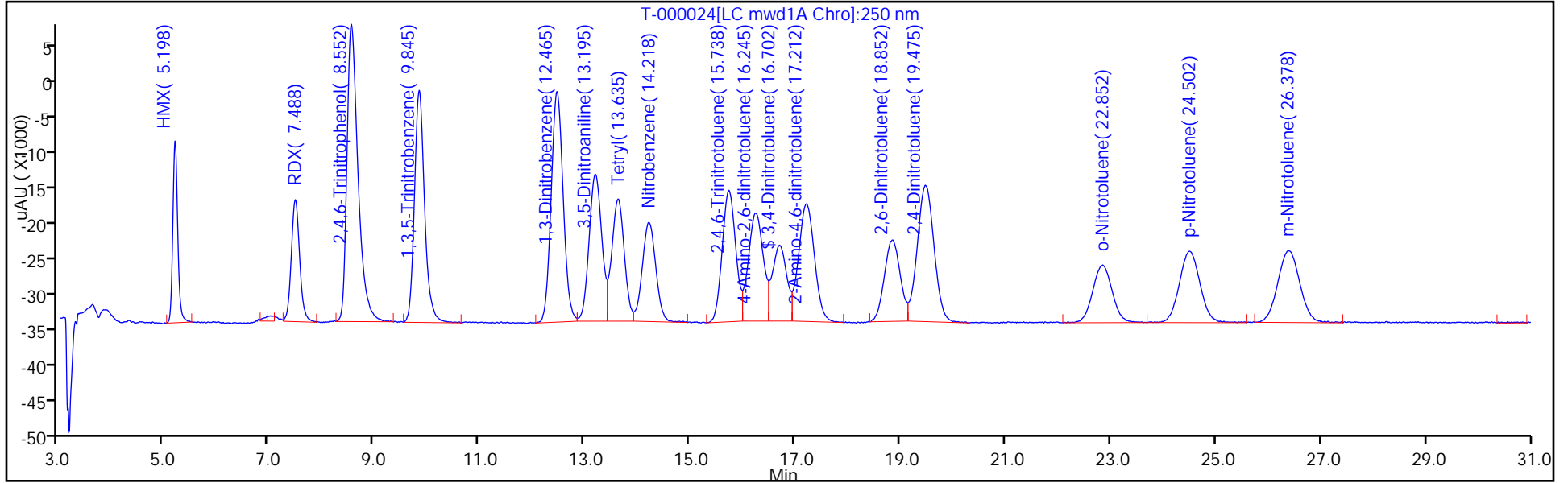
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 24

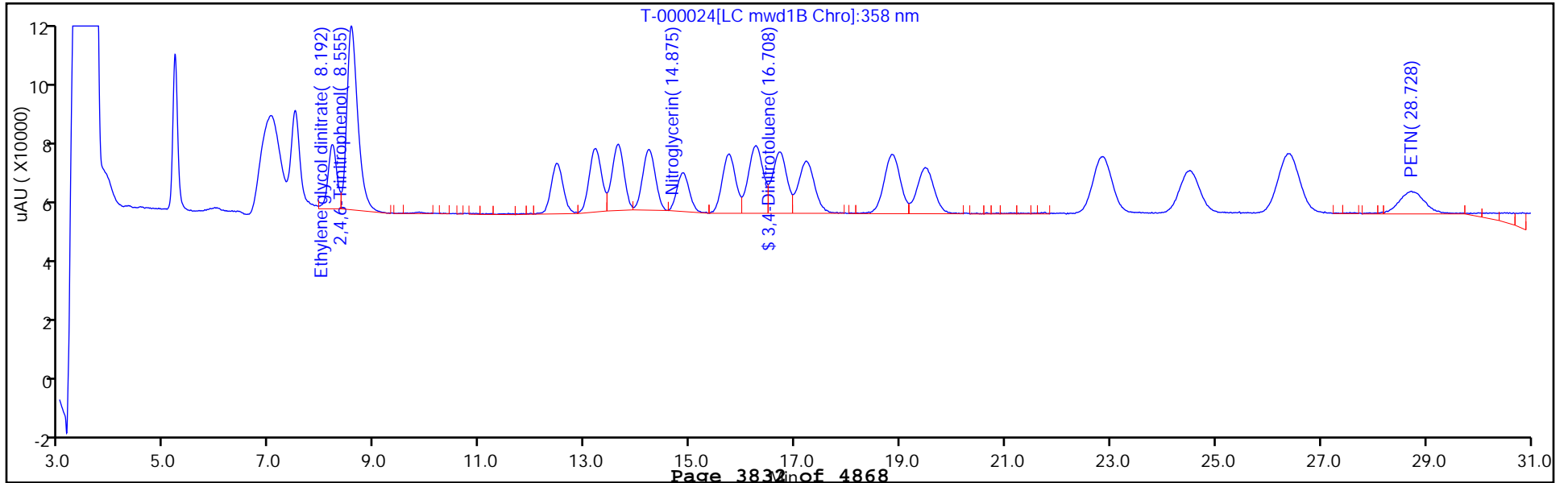
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD06 320-6177/34 Calibration Date: 11/21/2012 11:51
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000034.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	127.8		203	200	1.6	20.0
RDX	Ave	88.99	86.25		194	200	-3.1	20.0
Ethylene glycol dinitrate	Ave	96.86	106.5		220	200	10.0	20.0
1,3,5-Trinitrobenzene	Ave	162.7	162.8		200	200	0.0	20.0
1,3-Dinitrobenzene	Ave	161.7	161.8		200	200	0.0	20.0
3,5-Dinitroaniline	Ave	103.9	105.0		202	200	1.0	20.0
Tetryl	Ave	86.55	87.46		202	200	1.1	20.0
Nitrobenzene	Ave	73.74	72.82		197	200	-1.3	20.0
Nitroglycerin	Ave	64.89	64.17		198	200	-1.1	20.0
2,4,6-Trinitrotoluene	Ave	92.79	93.32		201	200	0.6	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	77.19		204	200	1.9	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	83.56		200	200	-0.0	20.0
2,6-Dinitrotoluene	Ave	59.58	58.76		197	200	-1.4	20.0
2,4-Dinitrotoluene	Ave	95.97	96.50		201	200	0.6	20.0
2-Nitrotoluene	Ave	44.56	41.69		187	200	-6.4	20.0
4-Nitrotoluene	Ave	53.43	51.32		192	200	-3.9	20.0
3-Nitrotoluene	Ave	53.94	51.92		193	200	-3.7	20.0
PETN	Ave	36.72	37.76		206	200	2.8	20.0
3,4-Dinitrotoluene	Ave	56.32	55.05		195	200	-2.3	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD06 320-6177/34 Calibration Date: 11/21/2012 11:51
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000034.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.19	4.94	5.44
RDX	7.47	7.22	7.72
Ethylene glycol dinitrate	8.18	7.93	8.43
1,3,5-Trinitrobenzene	9.83	9.58	10.08
1,3-Dinitrobenzene	12.45	12.20	12.70
3,5-Dinitroaniline	13.18	12.93	13.43
Tetryl	13.61	13.36	13.86
Nitrobenzene	14.19	13.94	14.44
Nitroglycerin	14.84	14.59	15.09
2,4,6-Trinitrotoluene	15.71	15.46	15.96
4-Amino-2,6-dinitrotoluene	16.23	15.98	16.48
2-Amino-4,6-dinitrotoluene	17.19	16.94	17.44
2,6-Dinitrotoluene	18.81	18.56	19.06
2,4-Dinitrotoluene	19.44	19.19	19.69
2-Nitrotoluene	22.79	22.54	23.04
4-Nitrotoluene	24.45	24.20	24.70
3-Nitrotoluene	26.32	26.07	26.57
PETN	28.63	28.38	28.88
3,4-Dinitrotoluene	16.68	16.43	16.93

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000034.D
 Lims ID: STD06 Client ID:
 Inject. Date: 21-Nov-2012 11:51:39 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 320-0001479-034
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 4
 Lims Batch ID: 6177 Lims Sample ID: 34
 Sublist: chrom-8330_LC10*sub1
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:52:52 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr

Date: 21-Nov-2012 12:52:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.191	5.191	0.0	25567	203.2	
19 RDX						
1	7.471	7.471	0.0	17250	193.8	
3 Ethylene glycol dinitrate						
2	8.181	8.181	0.0	21303	219.9	
10 2,4,6-Trinitrophenol						
2	8.534	8.534	0.0	60010	487.3	
1	8.534	8.534	0.0	41812	505.8	
27 1,3,5-Trinitrobenzene						
1	9.828	9.828	0.0	32552	200.1	
24 1,3-Dinitrobenzene						
1	12.448	12.448	0.0	32362	200.2	
9 3,5-Dinitroaniline						
1	13.178	13.178	0.0	20996	202.1	
20 Tetryl						
1	13.608	13.608	0.0	17492	202.1	
5 Nitrobenzene						
1	14.191	14.191	0.0	14563	197.5	
7 Nitroglycerin						
2	14.844	14.844	0.0	12834	197.8	
25 2,4,6-Trinitrotoluene						
1	15.711	15.711	0.0	18664	201.1	
26 4-Amino-2,6-dinitrotoluene						
1	16.228	16.228	0.0	15437	203.8	
\$ 30 3,4-Dinitrotoluene						
1	16.681	16.681	0.0	11009	195.5	
2	16.684	16.684	0.0	20286	196.3	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000034.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6	2-Amino-4,6-dinitrotoluene					
1	17.188	17.188	0.0	16712	199.9	
12	2,6-Dinitrotoluene					
1	18.814	18.814	0.0	11751	197.2	
23	2,4-Dinitrotoluene					
1	19.441	19.441	0.0	19300	201.1	
16	o-Nitrotoluene					
1	22.791	22.791	0.0	8337	187.1	
15	p-Nitrotoluene					
1	24.454	24.454	0.0	10264	192.1	
8	m-Nitrotoluene					
1	26.324	26.324	0.0	10383	192.5	
21	PETN					
2	28.634	28.634	0.0	7551	205.6	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000034.D

Injection Date: 21-Nov-2012 11:51:39 Limit Group: LC 8330B ICAL

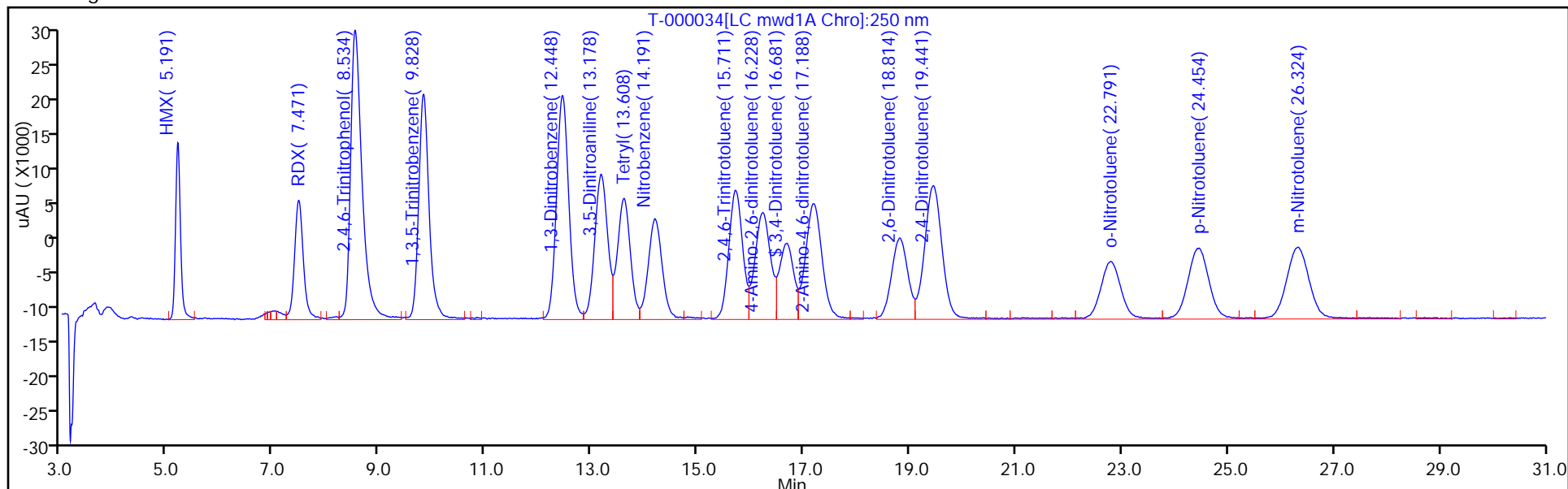
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 34

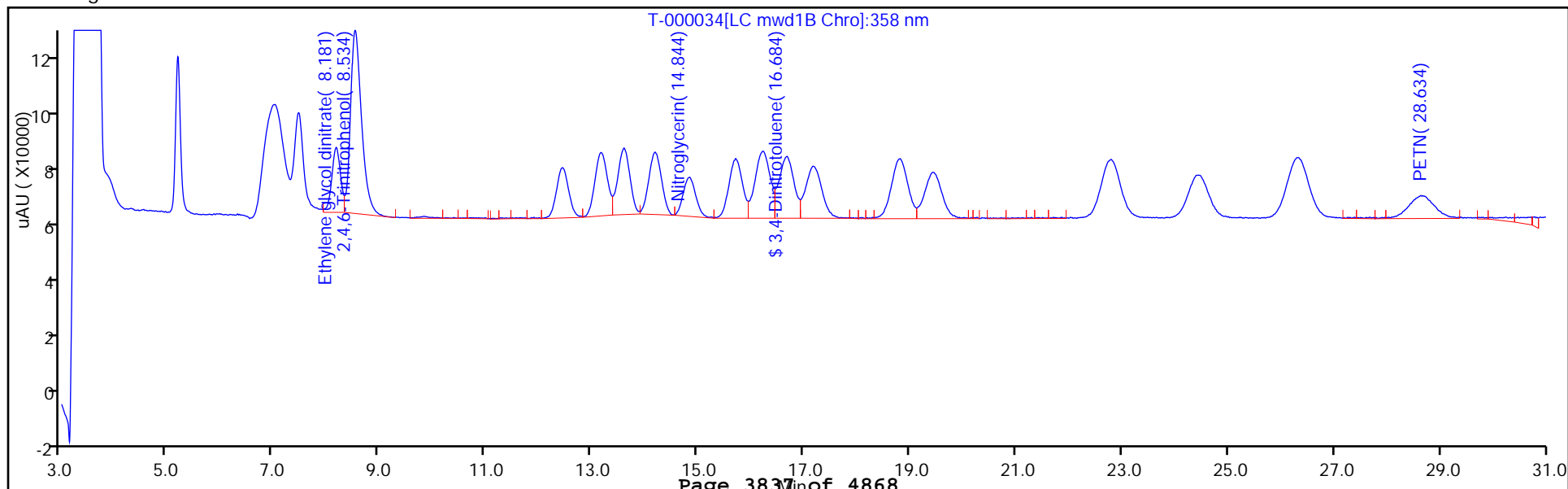
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6177/43 Calibration Date: 11/21/2012 17:56
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000043.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	151.8		6.03	5.00	20.7	30.0
RDX	Ave	88.99	124.6		7.00	5.00	40.0*	30.0
1,3,5-Trinitrobenzene	Ave	162.7	169.8		5.22	5.00	4.4	30.0
1,3-Dinitrobenzene	Ave	161.7	179.0		5.54	5.00	10.7	30.0
3,5-Dinitroaniline	Ave	103.9	113.6		5.47	5.00	9.3	30.0
Tetryl	Ave	86.55	86.00		4.97	5.00	-0.6	30.0
Nitrobenzene	Ave	73.74	101.0		6.85	5.00	37.0*	30.0
Nitroglycerin	Ave	64.89	78.70		24.3	20.0	21.3	30.0
2,4,6-Trinitrotoluene	Ave	92.79	92.40		4.98	5.00	-0.4	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	97.80		6.46	5.00	29.1	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	86.00		5.14	5.00	2.9	30.0
2,6-Dinitrotoluene	Ave	59.58	80.00		6.71	5.00	34.3*	30.0
2,4-Dinitrotoluene	Ave	95.97	120.0		6.25	5.00	25.0	30.0
2-Nitrotoluene	Ave	44.56	47.40		5.32	5.00	6.4	30.0
4-Nitrotoluene	Ave	53.43	62.80		5.88	5.00	17.5	30.0
3-Nitrotoluene	Ave	53.94	58.40		5.41	5.00	8.3	30.0
PETN	Ave	36.72	43.35		23.6	20.0	18.0	30.0
3,4-Dinitrotoluene	Ave	56.32	58.50		20.8	20.0	3.9	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6177/43 Calibration Date: 11/21/2012 17:56
 Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50
 GC Column: Synergi C18 ID: 4.60 (mm) Calib End Date: 09/01/2012 16:31
 Lab File ID: T-000043.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.21	4.96	5.46
RDX	7.52	7.27	7.77
1,3,5-Trinitrobenzene	9.86	9.61	10.11
1,3-Dinitrobenzene	12.50	12.25	12.75
3,5-Dinitroaniline	13.17	12.92	13.42
Tetryl	13.59	13.34	13.84
Nitrobenzene	14.24	13.99	14.49
Nitroglycerin	14.81	14.56	15.06
2,4,6-Trinitrotoluene	15.72	15.47	15.97
4-Amino-2,6-dinitrotoluene	16.20	15.95	16.45
2-Amino-4,6-dinitrotoluene	17.09	16.84	17.34
2,6-Dinitrotoluene	18.76	18.51	19.01
2,4-Dinitrotoluene	19.48	19.23	19.73
2-Nitrotoluene	22.75	22.50	23.00
4-Nitrotoluene	24.37	24.12	24.62
3-Nitrotoluene	26.33	26.08	26.58
PETN	28.67	28.42	28.92
3,4-Dinitrotoluene	16.67	16.42	16.92

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D
 Lims ID: CCVL Client ID:
 Inject. Date: 21-Nov-2012 17:56:36 Dil. Factor: 1.0000
 Sample Type: CCVL
 Sample ID: 320-0001479-043
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 10
 Lims Batch ID: 6177 Lims Sample ID: 43
 Sublist: chrom-8330_LC10*sub2
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 26-Nov-2012 08:47:24 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK020

First Level Reviewer: noonanr

Date: 26-Nov-2012 08:47:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.206	5.206	0.0	759	6.03	
19 RDX						M
1	7.516	7.516	0.0	623	7.00	M
27 1,3,5-Trinitrobenzene						
1	9.860	9.860	0.0	849	5.22	
24 1,3-Dinitrobenzene						
1	12.503	12.503	0.0	895	5.54	
9 3,5-Dinitroaniline						
1	13.170	13.170	0.0	568	5.47	
20 Tetryl						
1	13.590	13.590	0.0	430	4.97	
5 Nitrobenzene						
1	14.240	14.240	0.0	505	6.85	
7 Nitroglycerin						
2	14.813	14.813	0.0	1574	24.3	
25 2,4,6-Trinitrotoluene						
1	15.717	15.717	0.0	462	4.98	
26 4-Amino-2,6-dinitrotoluene						
1	16.203	16.203	0.0	489	6.46	
\$ 30 3,4-Dinitrotoluene						
1	16.670	16.670	0.0	1170	20.8	
2	16.673	16.673	0.0	2202	21.3	
6 2-Amino-4,6-dinitrotoluene						
1	17.090	17.090	0.0	430	5.14	
12 2,6-Dinitrotoluene						
1	18.763	18.763	0.0	400	6.71	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23	2,4-Dinitrotoluene					
1	19.483	19.483	0.0	600	6.25	
16	o-Nitrotoluene					
1	22.753	22.753	0.0	237	5.32	
15	p-Nitrotoluene					
1	24.367	24.367	0.0	314	5.88	
8	m-Nitrotoluene					
1	26.333	26.333	0.0	292	5.41	
21	PETN					
2	28.673	28.673	0.0	867	23.6	M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D

Injection Date: 21-Nov-2012 17:56:36 Limit Group: LC 8330B ICAL

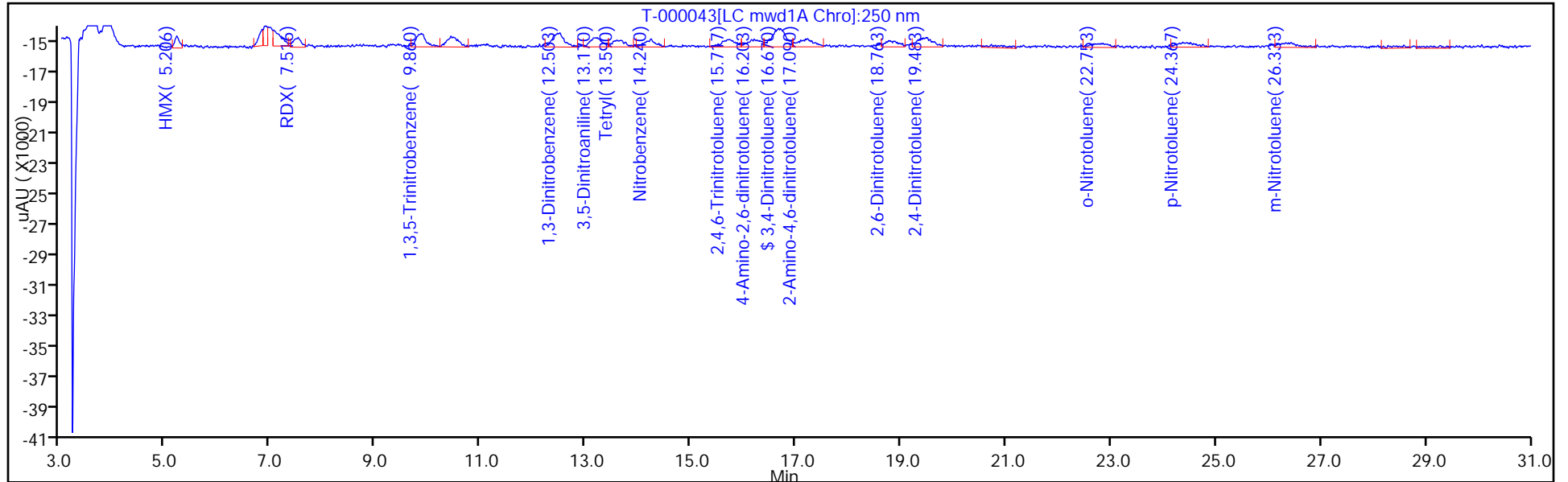
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 43

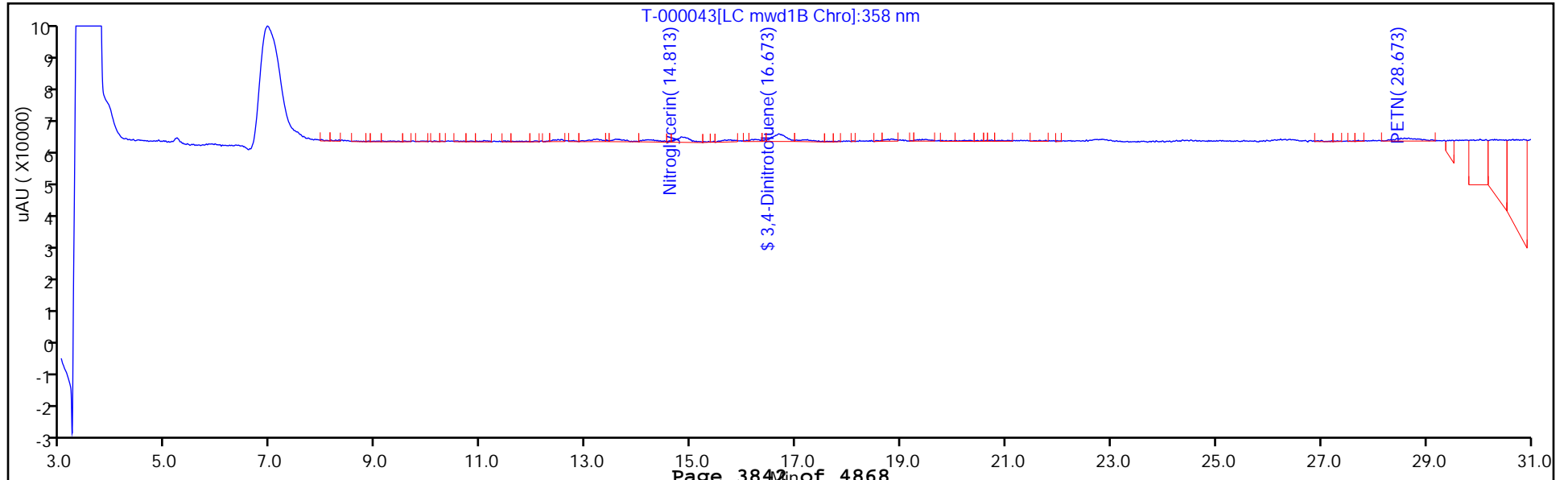
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



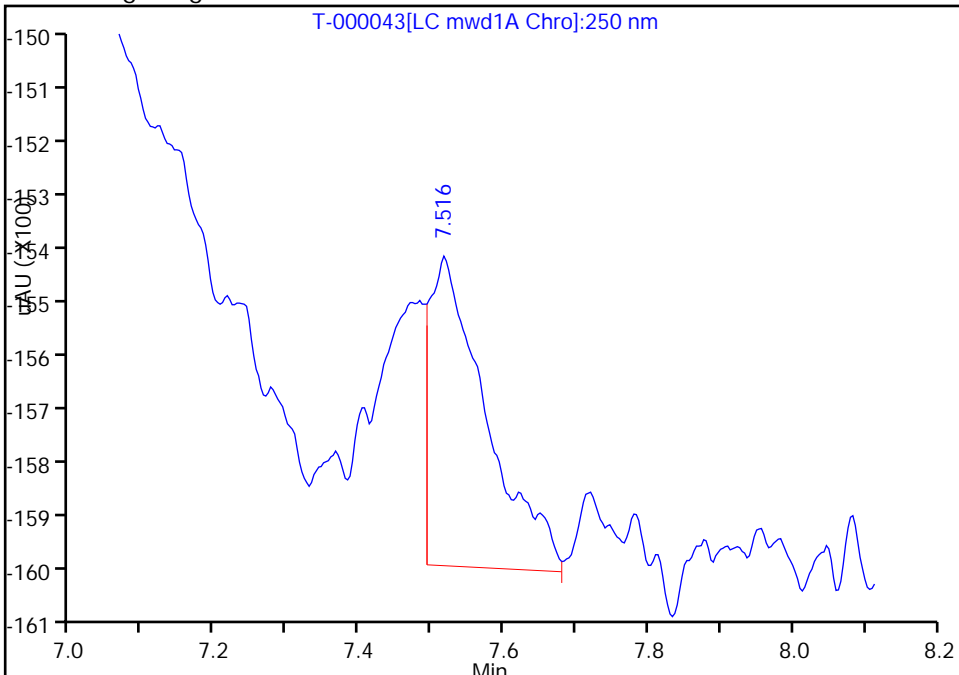
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D
Injection Date: 21-Nov-2012 17:56:36 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC10
Lims Batch ID: 6177 Lims Sample ID: 43
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

19 RDX, Signal: 1, Type: quant, RT: 7.52, Det: LC mwd1A

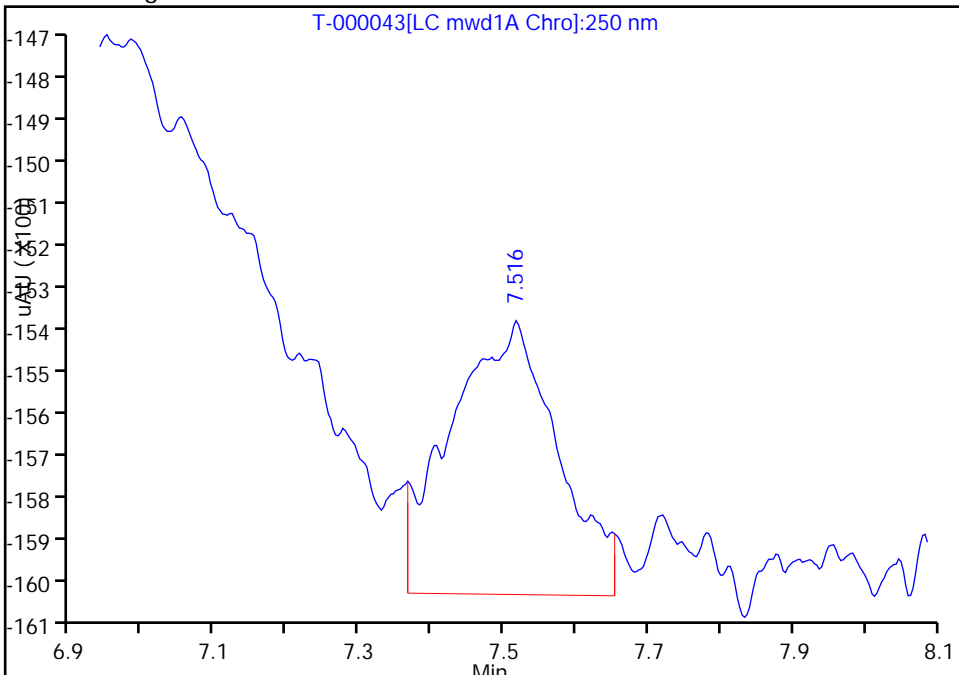
RT: 7.52
Response: 579
Amount: 6.506605

Processing Integration Results



RT: 7.52
Response: 623
Amount: 7.001062

Manual Integration Results



Reviewer: noonanr, 26-Nov-2012 08:47:24
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

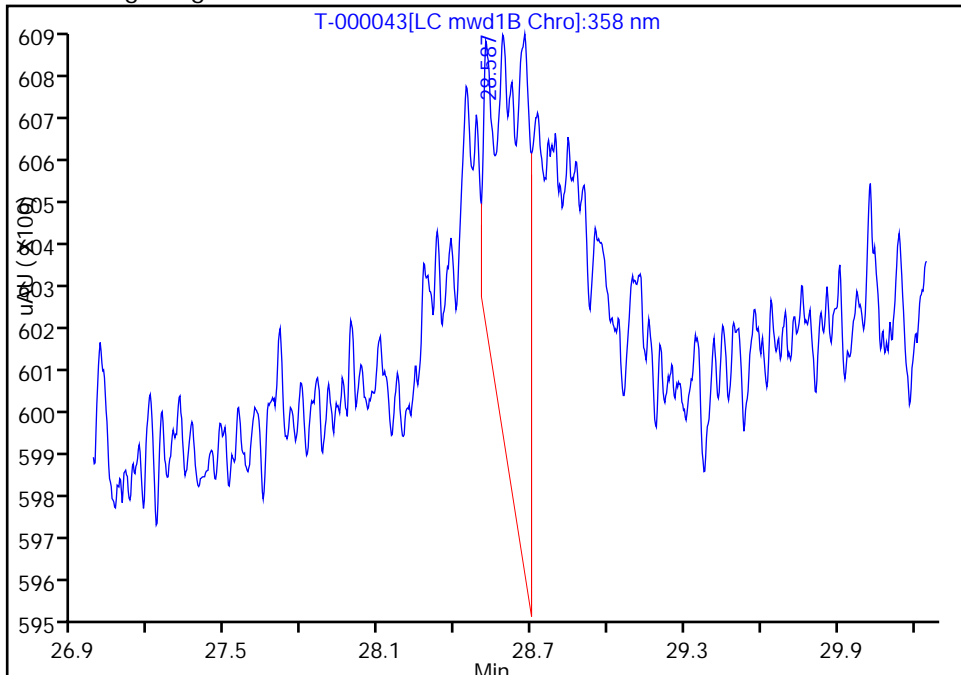
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000043.D
Injection Date: 21-Nov-2012 17:56:36 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC10
Lims Batch ID: 6177 Lims Sample ID: 43
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.67, Det: LC mwd1B

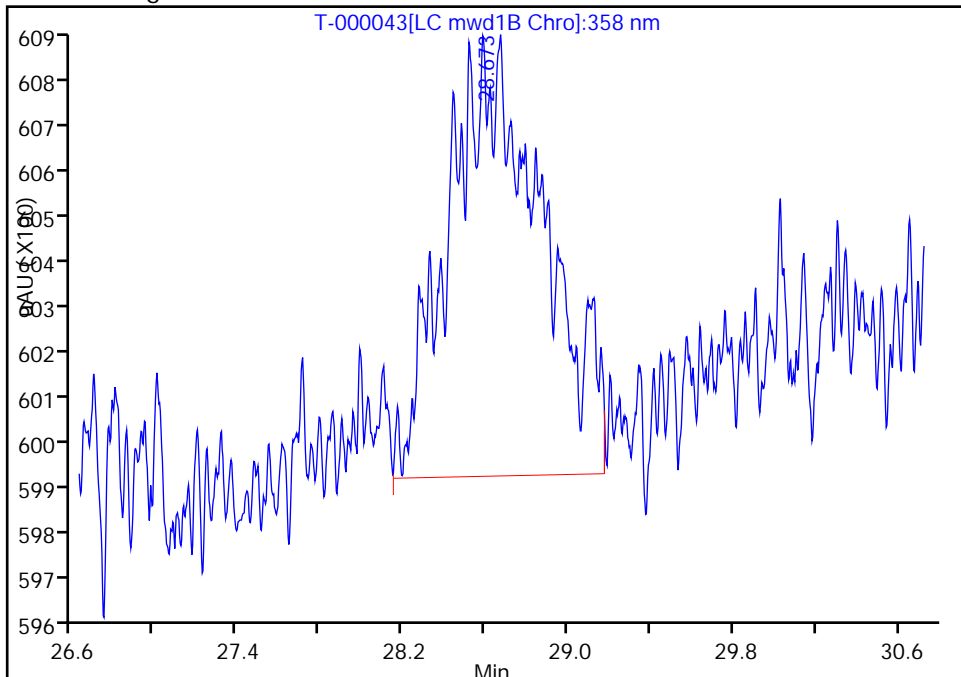
RT: 28.59
Response: 856
Amount: 23.308585

Processing Integration Results



RT: 28.67
Response: 867
Amount: 23.608111

Manual Integration Results



Reviewer: noonanr, 26-Nov-2012 08:47:24
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICV 320-4221/12 Calibration Date: 10/01/2012 23:24
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: C-000014.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	46.99		515	500	3.1	20.0
Ethylene glycol dinitrate	Ave	21.09	23.66		561	500	12.2	20.0
1,3-Dinitrobenzene	Ave	100.4	99.30		495	500	-1.1	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.75		494	500	-1.3	20.0
2-Nitrotoluene	Ave	60.89	58.73		482	500	-3.6	20.0
4-Nitrotoluene	Ave	60.89	58.73		482	500	-3.6	20.0
3-Nitrotoluene	Ave	40.52	38.86		480	500	-4.1	20.0
3,5-Dinitroaniline	Ave	79.66	85.27		535	500	7.0	20.0
RDX	Ave	47.24	47.29		501	500	0.1	20.0
2,4-Dinitrotoluene	Ave	92.07	91.17		495	500	-1.0	20.0
2,6-Dinitrotoluene	Ave	54.36	54.14		498	500	-0.4	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.17		489	500	-2.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	61.58		488	500	-2.5	20.0
2,4,6-Trinitrotoluene	Ave	73.84	77.95		528	500	5.6	20.0
HMX	Ave	62.43	61.60		493	500	-1.3	20.0
Nitroglycerin	Ave	86.52	85.85		496	500	-0.8	20.0
Tetryl	Ave	117.1	125.2		535	500	6.9	20.0
PETN	Ave	151.5	154.2		509	500	1.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICV 320-4221/12 Calibration Date: 10/01/2012 23:24
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: C-000014.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	21.49	21.17	21.67
Ethylene glycol dinitrate	22.41	22.10	22.60
1,3-Dinitrobenzene	24.42	24.11	24.61
1,3,5-Trinitrobenzene	26.92	26.63	27.13
2-Nitrotoluene	28.50	28.18	28.68
4-Nitrotoluene	28.50	28.18	28.68
3-Nitrotoluene	29.07	28.74	29.24
3,5-Dinitroaniline	30.56	30.23	30.73
RDX	31.22	30.88	31.38
2,4-Dinitrotoluene	32.14	31.81	32.31
2,6-Dinitrotoluene	33.12	32.78	33.28
2-Amino-4,6-dinitrotoluene	35.31	34.94	35.44
4-Amino-2,6-dinitrotoluene	35.89	35.52	36.02
2,4,6-Trinitrotoluene	39.66	39.31	39.81
HMX	41.84	41.49	41.99
Nitroglycerin	44.24	43.88	44.38
Tetryl	46.05	45.67	46.17
PETN	52.75	52.38	52.88

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000014.D
 Lims ID: ICV Client ID:
 Inject. Date: 01-Oct-2012 23:24:29 Dil. Factor: 1.0000
 Sample Type: ICV
 Sample ID: ICV HP8330IC_00005;2;320-0000975-012
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 19
 Lims Batch ID: 4221 Lims Sample ID: 12
 Sublist:

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
 Last Update: 02-Oct-2012 13:09:34 Calib Date: 01-Oct-2012 20:08:22
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK005

First Level Reviewer: noonanr

Date: 02-Oct-2012 09:17:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.487	21.424	0.063	23494	515.3	
3 Ethylene glycol dinitrate						
2	22.410	22.354	0.056	11829	560.8	
24 1,3-Dinitrobenzene						
1	24.420	24.360	0.060	49649	494.6	
27 1,3,5-Trinitrobenzene						
1	26.920	26.877	0.043	38874	493.6	
16 o-Nitrotoluene						
1	28.504	28.430	0.074	29363	482.2	
15 p-Nitrotoluene						
1	28.504	28.430	0.074	29363	482.2	
8 m-Nitrotoluene						
1	29.070	28.994	0.076	19432	479.5	
9 3,5-Dinitroaniline						
1	30.564	30.480	0.084	42633	535.2	
19 RDX						
1	31.217	31.134	0.083	23645	500.5	
23 2,4-Dinitrotoluene						
1	32.140	32.060	0.080	45585	495.1	
12 2,6-Dinitrotoluene						
1	33.120	33.030	0.090	27068	498.0	
6 2-Amino-4,6-dinitrotoluene						
1	35.307	35.194	0.113	37086	488.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.894	35.774	0.120	30788	487.6	
25 2,4,6-Trinitrotoluene						
1	39.660	39.560	0.100	38974	527.8	

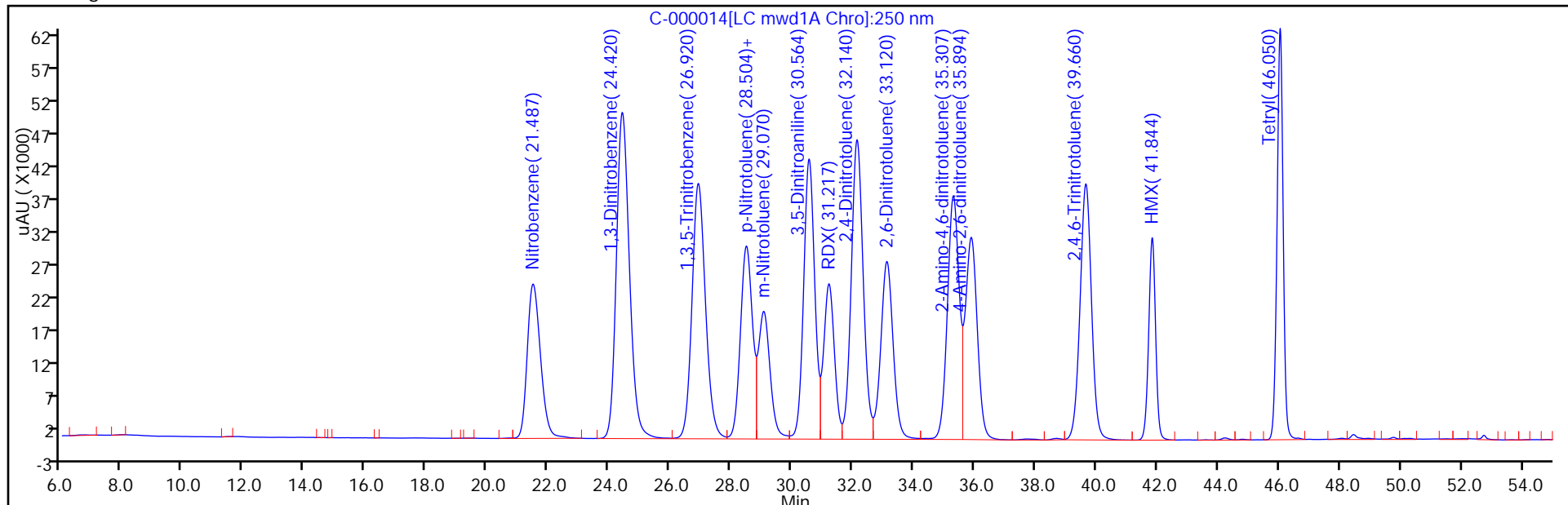
Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000014.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	41.844	41.740	0.104	30798	493.3	
7 Nitroglycerin						
2	44.244	44.130	0.114	42925	496.1	
20 Tetryl						
1	46.050	45.920	0.130	62583	534.6	
21 PETN						
2	52.750	52.630	0.120	77089	508.7	

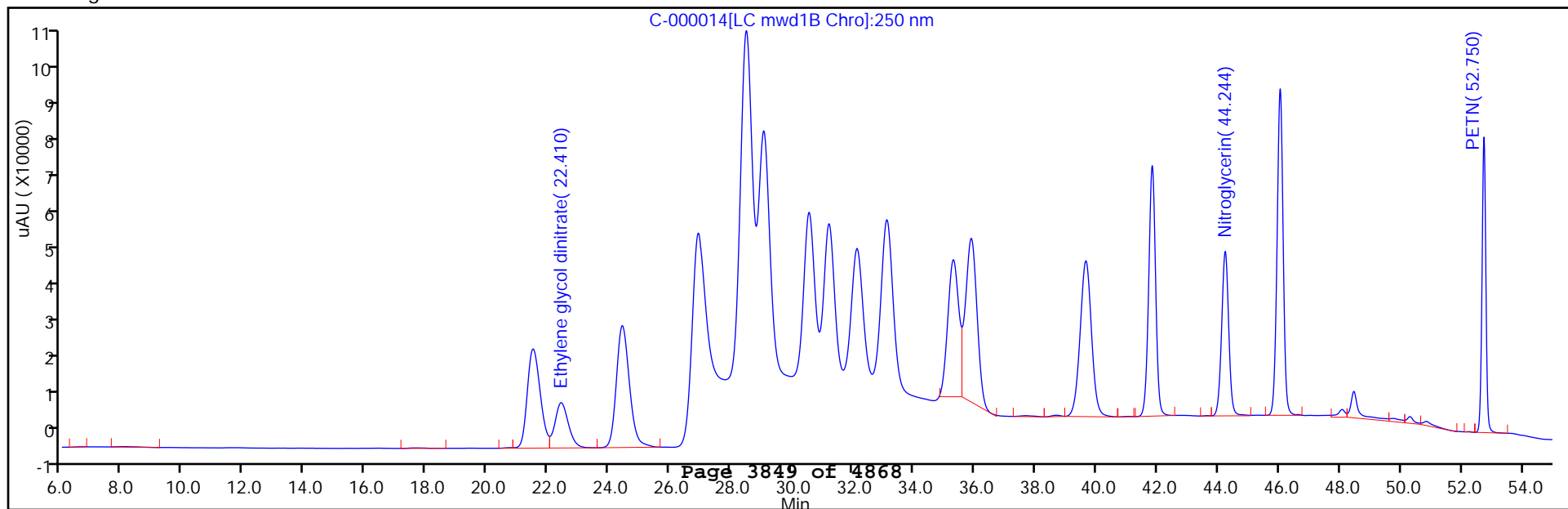
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\IC-000014.D
Injection Date: 01-Oct-2012 23:24:29 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC12
Lims Batch ID: 4221 Lims Sample ID: 12
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: LODV 320-4221/13 Calibration Date: 10/02/2012 00:29
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: C-000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	51.20		5.61	5.00	12.3	
1,3-Dinitrobenzene	Ave	100.4	105.0		5.23	5.00	4.6	
1,3,5-Trinitrobenzene	Ave	78.76	79.20		5.03	5.00	0.6	
2-Nitrotoluene	Ave	60.89	62.60		5.14	5.00	2.8	
4-Nitrotoluene	Ave	60.89	62.60		5.14	5.00	2.8	
3-Nitrotoluene	Ave	40.52	38.60		4.76	5.00	-4.7	
3,5-Dinitroaniline	Ave	79.66	85.60		5.37	5.00	7.5	
RDX	Ave	47.24	52.40		5.55	5.00	10.9	
2,4-Dinitrotoluene	Ave	92.07	100.6		5.46	5.00	9.3	
2,6-Dinitrotoluene	Ave	54.36	60.00		5.52	5.00	10.4	
2-Amino-4,6-dinitrotoluene	Ave	75.88	82.20		5.42	5.00	8.3	
4-Amino-2,6-dinitrotoluene	Ave	63.14	68.20		5.40	5.00	8.0	
2,4,6-Trinitrotoluene	Ave	73.84	58.60		3.97	5.00	-20.6	
HMX	Ave	62.43	66.80		5.35	5.00	7.0	
Nitroglycerin	Ave	86.52	84.55		19.5	20.0	-2.3	
Tetryl	Ave	117.1	101.6		4.34	5.00	-13.2	
PETN	Ave	151.5	135.2		17.8	20.0	-10.8	
3,4-Dinitrotoluene	Ave	48.31	49.00		20.3	20.0	1.4	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: LODV 320-4221/13 Calibration Date: 10/02/2012 00:29
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: C-000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	21.49	21.17	21.67
1,3-Dinitrobenzene	24.42	24.11	24.61
1,3,5-Trinitrobenzene	26.90	26.63	27.13
2-Nitrotoluene	28.53	28.18	28.68
4-Nitrotoluene	28.53	28.18	28.68
3-Nitrotoluene	29.12	28.74	29.24
3,5-Dinitroaniline	30.58	30.23	30.73
RDX	31.20	30.88	31.38
2,4-Dinitrotoluene	32.17	31.81	32.31
2,6-Dinitrotoluene	33.15	32.78	33.28
2-Amino-4,6-dinitrotoluene	35.30	34.94	35.44
4-Amino-2,6-dinitrotoluene	35.93	35.52	36.02
2,4,6-Trinitrotoluene	39.68	39.31	39.81
HMX	41.83	41.49	41.99
Nitroglycerin	44.24	43.88	44.38
Tetryl	46.05	45.67	46.17
PETN	52.75	52.38	52.88
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	37.71	37.35	37.85

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D
 Lims ID: LODV 5-20ng/mL Client ID:
 Inject. Date: 02-Oct-2012 00:29:51 Dil. Factor: 1.0000
 Sample Type: LODV
 Sample ID: LODV HP8330ICL_00002;2;320-0000975-013
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 20
 Lims Batch ID: 4221 Lims Sample ID: 13
 Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
 Last Update: 02-Oct-2012 13:57:03 Calib Date: 01-Oct-2012 20:08:22
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK005

First Level Reviewer: noonanr

Date: 02-Oct-2012 13:57:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
	5 Nitrobenzene					
1	21.489	21.424	0.065	256	5.61	
	24 1,3-Dinitrobenzene					
1	24.419	24.360	0.059	525	5.23	
	27 1,3,5-Trinitrobenzene					
1	26.895	26.877	0.018	396	5.03	
	16 o-Nitrotoluene					
1	28.532	28.430	0.102	313	5.14	
	15 p-Nitrotoluene					
1	28.532	28.430	0.102	313	5.14	
	8 m-Nitrotoluene					
1	29.115	28.994	0.121	193	4.76	
	9 3,5-Dinitroaniline					
1	30.575	30.480	0.095	428	5.37	
	19 RDX					
1	31.195	31.134	0.061	262	5.55	
	23 2,4-Dinitrotoluene					
1	32.169	32.060	0.109	503	5.46	
	12 2,6-Dinitrotoluene					
1	33.149	33.030	0.119	300	5.52	
	6 2-Amino-4,6-dinitrotoluene					
1	35.302	35.194	0.108	411	5.42	
	26 4-Amino-2,6-dinitrotoluene					
1	35.932	35.774	0.158	341	5.40	
\$	30 3,4-Dinitrotoluene					
1	37.705	37.604	0.101	980	20.3	
	25 2,4,6-Trinitrotoluene					
1	39.679	39.560	0.119	293	3.97	

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	41.832	41.740	0.092	334	5.35	
7 Nitroglycerin						
2	44.242	44.130	0.112	1691	19.5	
20 Tetryl						
1	46.052	45.920	0.132	508	4.34	
21 PETN						M
2	52.752	52.630	0.122	2703	17.8	M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\IC-000015.D

Injection Date: 02-Oct-2012 00:29:51

Limit Group: LC 8330B ICAL

Client ID:

Instrument ID: LC12

Lims Batch ID: 4221

Lims Sample ID: 13

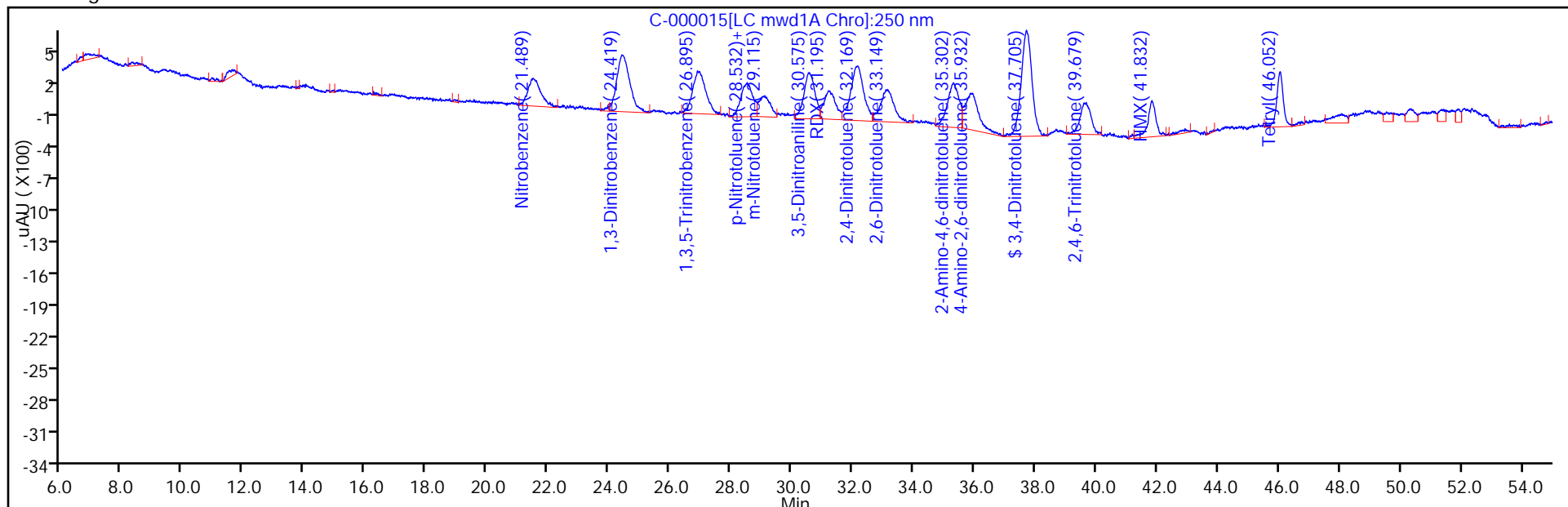
Operator ID: RN

Injection Vol: 500.0 ul

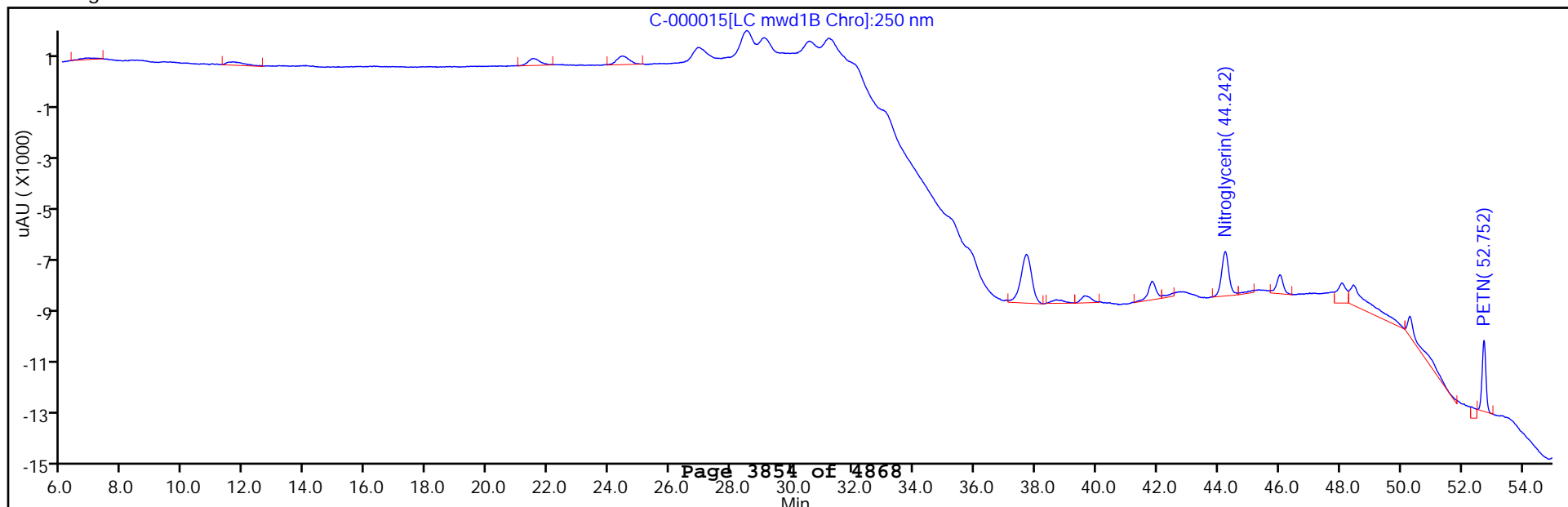
Column Type: Zorbax Cyano CN

Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



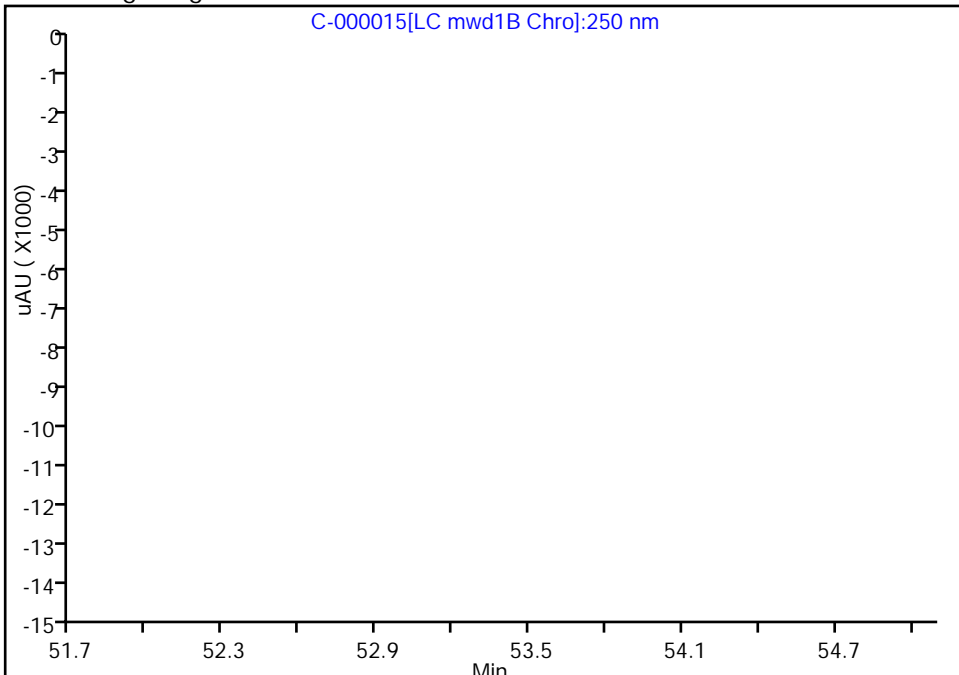
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D
Injection Date: 02-Oct-2012 00:29:51 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC12
Lims Batch ID: 4221 Lims Sample ID: 13
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 52.63, Det: LC mwd1B

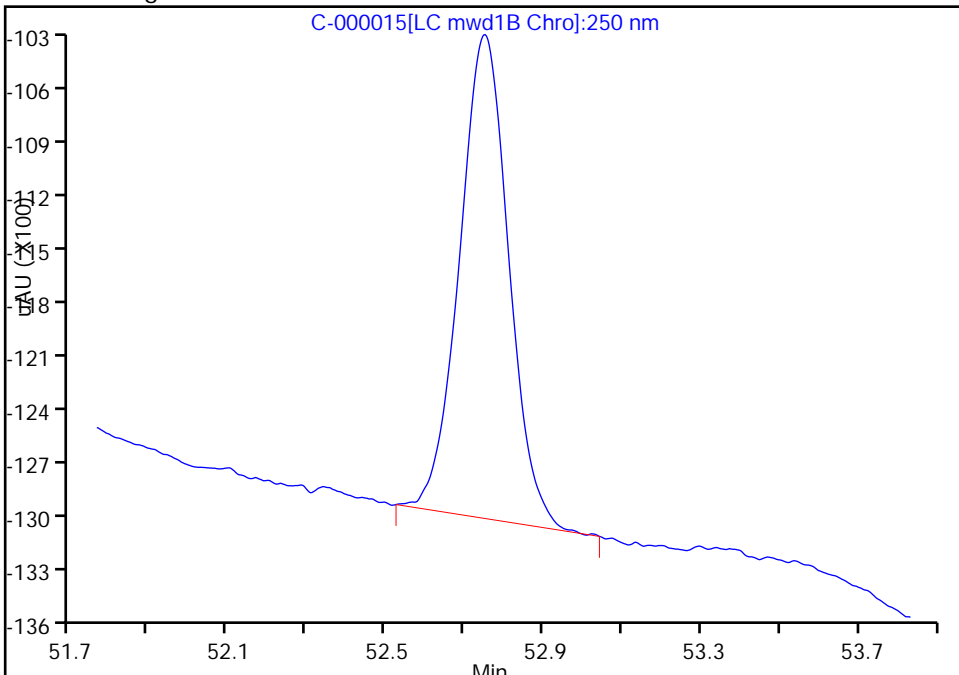
RT: 52.75
Response: 3116
Amount: 20.562748

Processing Integration Results



RT: 52.75
Response: 2703
Amount: 17.837326

Manual Integration Results



Reviewer: noonanr, 02-Oct-2012 09:20:32
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD5 320-6234/3 Calibration Date: 11/21/2012 15:48
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000003.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	47.45		104	100	4.1	20.0
Ethylene glycol dinitrate	Ave	21.09	23.61		112	100	11.9	20.0
1,3-Dinitrobenzene	Ave	100.4	101.9		102	100	1.5	20.0
1,3,5-Trinitrobenzene	Ave	78.76	78.19		99.3	100	-0.7	20.0
2-Nitrotoluene	Ave	60.89	58.47		96.0	100	-4.0	20.0
4-Nitrotoluene	Ave	60.89	58.47		96.0	100	-4.0	20.0
3-Nitrotoluene	Ave	40.52	39.21		96.8	100	-3.2	20.0
3,5-Dinitroaniline	Ave	79.66	78.53		98.6	100	-1.4	20.0
RDX	Ave	47.24	45.87		97.1	100	-2.9	20.0
2,4-Dinitrotoluene	Ave	92.07	94.33		102	100	2.5	20.0
2,6-Dinitrotoluene	Ave	54.36	56.73		104	100	4.4	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.54		98.2	100	-1.8	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	63.01		99.8	100	-0.2	20.0
2,4,6-Trinitrotoluene	Ave	73.84	65.02		88.0	100	-12.0	20.0
HMX	Ave	62.43	55.71		89.2	100	-10.8	20.0
Nitroglycerin	Ave	86.52	77.28		89.3	100	-10.7	20.0
Tetryl	Ave	117.1	108.9		93.1	100	-6.9	20.0
PETN	Ave	151.5	148.6		98.0	100	-2.0	20.0
3,4-Dinitrotoluene	Ave	48.31	41.08		85.0	100	-15.0	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD5 320-6234/3 Calibration Date: 11/21/2012 15:48
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.73	20.48	20.98
Ethylene glycol dinitrate	21.44	21.19	21.69
1,3-Dinitrobenzene	23.45	23.20	23.70
1,3,5-Trinitrobenzene	25.69	25.44	25.94
2-Nitrotoluene	27.51	27.26	27.76
4-Nitrotoluene	27.51	27.26	27.76
3-Nitrotoluene	28.06	27.81	28.31
3,5-Dinitroaniline	29.45	29.20	29.70
RDX	30.13	29.88	30.38
2,4-Dinitrotoluene	31.00	30.75	31.25
2,6-Dinitrotoluene	31.90	31.65	32.15
2-Amino-4,6-dinitrotoluene	34.05	33.80	34.30
4-Amino-2,6-dinitrotoluene	34.59	34.34	34.84
2,4,6-Trinitrotoluene	38.26	38.01	38.51
HMX	41.02	40.77	41.27
Nitroglycerin	43.37	43.12	43.62
Tetryl	45.34	45.09	45.59
PETN	52.31	52.06	52.56
3,4-Dinitrotoluene	36.50	36.25	36.75

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000003.D
 Lims ID: STD5 Client ID:
 Inject. Date: 21-Nov-2012 15:48:04 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 320-0001492-003
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 2
 Lims Batch ID: 6234 Lims Sample ID: 3
 Sublist: chrom-LC12_Conf_8330*sub1
 Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
 Last Update: 26-Nov-2012 08:52:14 Calib Date: 19-Nov-2012 14:12:43
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK020

First Level Reviewer: noonanr

Date: 26-Nov-2012 08:52:14

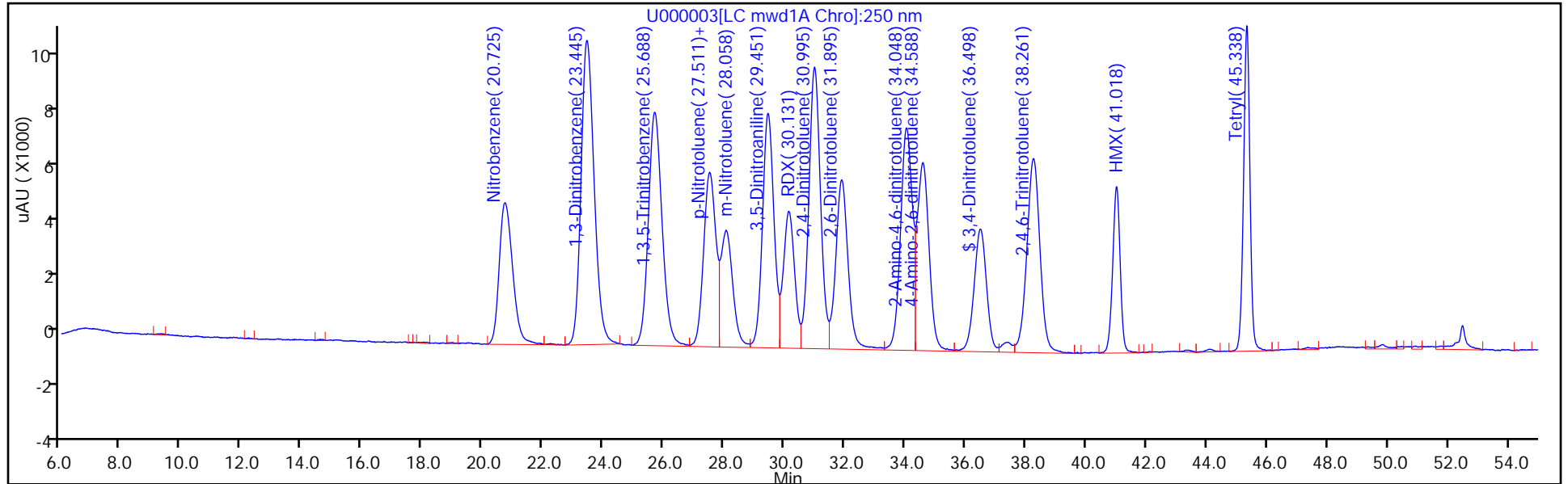
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.725	20.725	0.0	4745	104.1	
3 Ethylene glycol dinitrate						
2	21.435	21.435	0.0	2361	111.9	
24 1,3-Dinitrobenzene						
1	23.445	23.445	0.0	10190	101.5	
27 1,3,5-Trinitrobenzene						
1	25.688	25.688	0.0	7819	99.3	
16 o-Nitrotoluene						
1	27.511	27.511	0.0	5847	96.0	
15 p-Nitrotoluene						
1	27.511	27.511	0.0	5847	96.0	
8 m-Nitrotoluene						
1	28.058	28.058	0.0	3921	96.8	
9 3,5-Dinitroaniline						
1	29.451	29.451	0.0	7853	98.6	
19 RDX						
1	30.131	30.131	0.0	4587	97.1	
23 2,4-Dinitrotoluene						
1	30.995	30.995	0.0	9433	102.5	
12 2,6-Dinitrotoluene						
1	31.895	31.895	0.0	5673	104.4	
6 2-Amino-4,6-dinitrotoluene						
1	34.048	34.048	0.0	7454	98.2	
26 4-Amino-2,6-dinitrotoluene						
1	34.588	34.588	0.0	6301	99.8	
\$ 30 3,4-Dinitrotoluene						
1	36.498	36.498	0.0	4108	85.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25	2,4,6-Trinitrotoluene					
1	38.261	38.261	0.0	6502	88.0	
11	HMX					
1	41.018	41.018	0.0	5571	89.2	
7	Nitroglycerin					
2	43.368	43.368	0.0	7728	89.3	
20	Tetryl					
1	45.338	45.338	0.0	10894	93.1	
21	PETN					
2	52.305	52.305	0.0	14856	98.0	

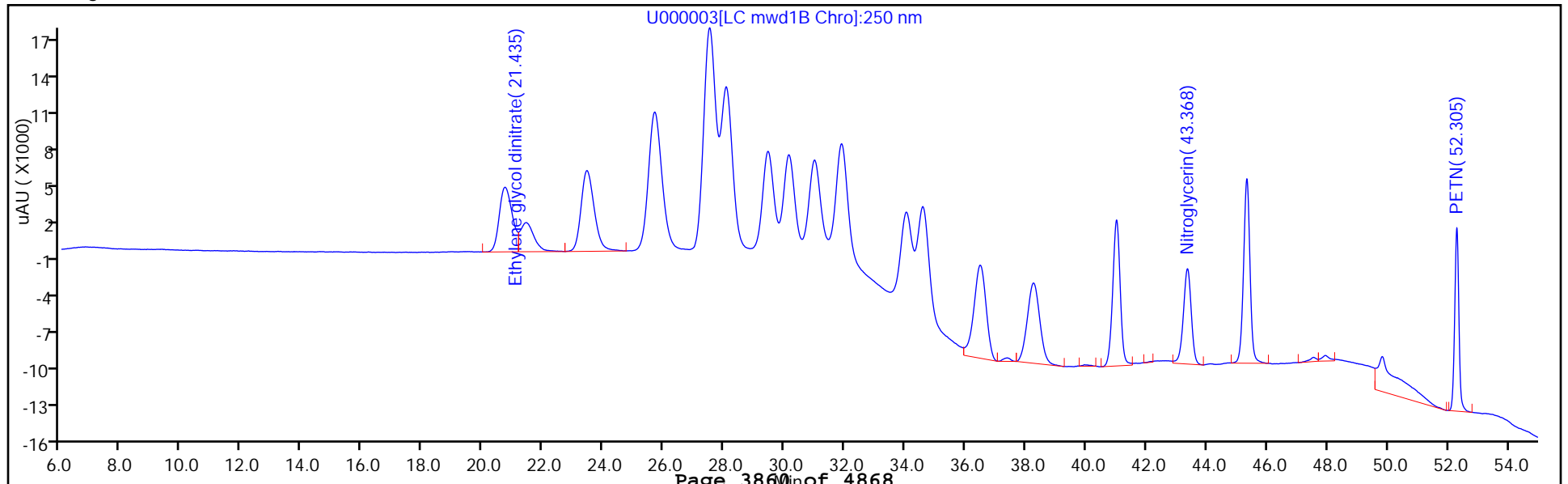
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000003.D
 Injection Date: 21-Nov-2012 15:48:04
 Client ID:
 Lims Batch ID: 6234
 Operator ID: RN
 Column Type: Zorbax Cyano CN
 Y Scaling:

Limit Group: LC 8330B ICAL
 Instrument ID: LC12
 Lims Sample ID: 3
 Injection Vol: 500.0 ul
 Column Dia: 4.60 mm



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6234/4 Calibration Date: 11/21/2012 16:53
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000004.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	50.40		5.53	5.00	10.5	30.0
1,3-Dinitrobenzene	Ave	100.4	107.2		5.34	5.00	6.8	30.0
1,3,5-Trinitrobenzene	Ave	78.76	78.80		5.00	5.00	0.0	30.0
2-Nitrotoluene	Ave	60.89	64.20		5.27	5.00	5.4	30.0
4-Nitrotoluene	Ave	60.89	64.20		5.27	5.00	5.4	30.0
3-Nitrotoluene	Ave	40.52	41.00		5.06	5.00	1.2	30.0
3,5-Dinitroaniline	Ave	79.66	79.80		5.01	5.00	0.2	30.0
RDX	Ave	47.24	49.00		5.19	5.00	3.7	30.0
2,4-Dinitrotoluene	Ave	92.07	99.40		5.40	5.00	8.0	30.0
2,6-Dinitrotoluene	Ave	54.36	67.60		6.22	5.00	24.4	30.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	79.60		5.24	5.00	4.9	30.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	70.40		5.57	5.00	11.5	30.0
2,4,6-Trinitrotoluene	Ave	73.84	51.20		3.47	5.00	-30.7*	30.0
HMX	Ave	62.43	52.40		4.20	5.00	-16.1	30.0
Nitroglycerin	Ave	86.52	74.80		17.3	20.0	-13.6	30.0
Tetryl	Ave	117.1	97.00		4.14	5.00	-17.1	30.0
PETN	Ave	151.5	129.3		17.1	20.0	-14.7	30.0
3,4-Dinitrotoluene	Ave	48.31	41.50		17.2	20.0	-14.1	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6234/4 Calibration Date: 11/21/2012 16:53
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000004.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.68	20.43	20.93
1,3-Dinitrobenzene	23.39	23.14	23.64
1,3,5-Trinitrobenzene	25.66	25.41	25.91
2-Nitrotoluene	27.50	27.25	27.75
4-Nitrotoluene	27.50	27.25	27.75
3-Nitrotoluene	27.99	27.74	28.24
3,5-Dinitroaniline	29.39	29.14	29.64
RDX	30.08	29.83	30.33
2,4-Dinitrotoluene	30.91	30.66	31.16
2,6-Dinitrotoluene	31.81	31.56	32.06
2-Amino-4,6-dinitrotoluene	33.93	33.68	34.18
4-Amino-2,6-dinitrotoluene	34.47	34.22	34.72
2,4,6-Trinitrotoluene	38.14	37.89	38.39
HMX	40.90	40.65	41.15
Nitroglycerin	43.22	42.97	43.47
Tetryl	45.17	44.92	45.42
PETN	52.18	51.93	52.43
3,4-Dinitrotoluene	36.36	36.11	36.61

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D
 Lims ID: CCVL Client ID:
 Inject. Date: 21-Nov-2012 16:53:36 Dil. Factor: 1.0000
 Sample Type: CCVL
 Sample ID: 320-0001492-004
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 10
 Lims Batch ID: 6234 Lims Sample ID: 4
 Sublist: chrom-LC12_Conf_8330*sub4
 Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
 Last Update: 26-Nov-2012 08:51:00 Calib Date: 19-Nov-2012 14:12:43
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\PO00007.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK020

First Level Reviewer: noonanr Date: 26-Nov-2012 08:51:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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5 Nitrobenzene						
1	20.675	20.675	0.0	252	5.53	
24 1,3-Dinitrobenzene						
1	23.388	23.388	0.0	536	5.34	M
27 1,3,5-Trinitrobenzene						
1	25.655	25.655	0.0	394	5.00	
16 o-Nitrotoluene						
1	27.498	27.498	0.0	321	5.27	
15 p-Nitrotoluene						
1	27.498	27.498	0.0	321	5.27	
8 m-Nitrotoluene						
1	27.985	27.985	0.0	205	5.06	
9 3,5-Dinitroaniline						
1	29.391	29.391	0.0	399	5.01	
19 RDX						
1	30.075	30.075	0.0	245	5.19	
23 2,4-Dinitrotoluene						
1	30.908	30.908	0.0	497	5.40	
12 2,6-Dinitrotoluene						
1	31.811	31.811	0.0	338	6.22	
6 2-Amino-4,6-dinitrotoluene						
1	33.931	33.931	0.0	398	5.24	
26 4-Amino-2,6-dinitrotoluene						
1	34.471	34.471	0.0	352	5.57	
\$ 30 3,4-Dinitrotoluene						
1	36.361	36.361	0.0	830	17.2	
25 2,4,6-Trinitrotoluene						
1	38.141	38.141	0.0	256	3.47	

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	40.895	40.895	0.0	262	4.20	
7 Nitroglycerin						
2	43.221	43.221	0.0	1496	17.3	
20 Tetryl						
1	45.171	45.171	0.0	485	4.14	
21 PETN						
2	52.175	52.175	0.0	2586	17.1	

QC Flag Legend

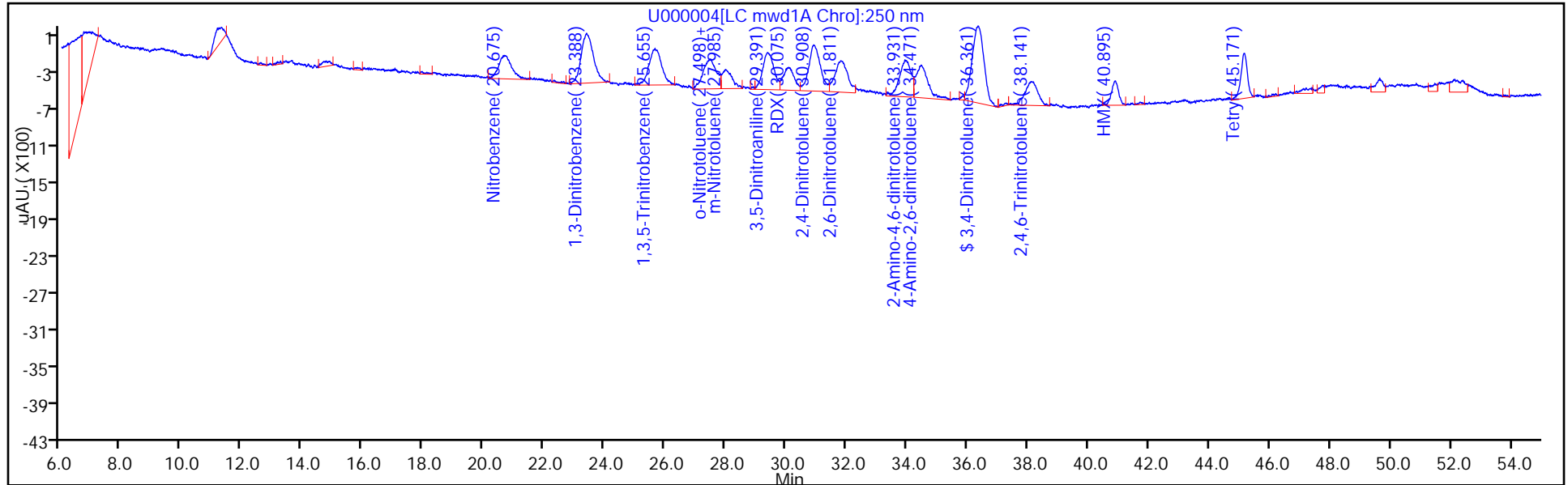
Review Flags

M - Manually Integrated

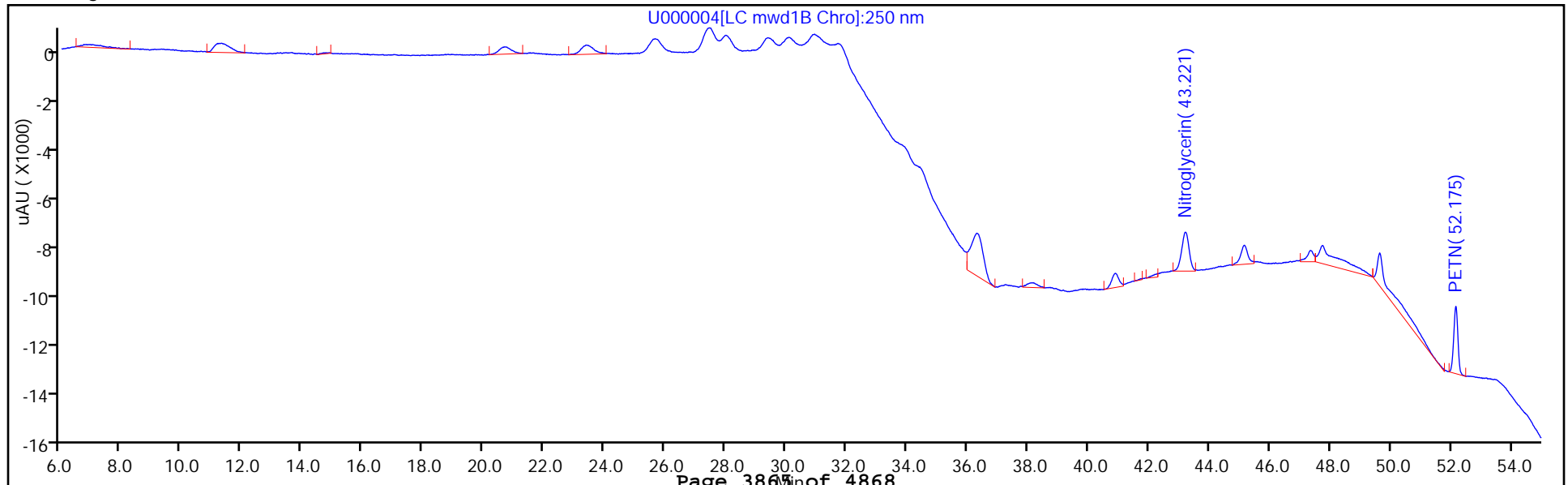
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D
 Injection Date: 21-Nov-2012 16:53:36 Limit Group: LC 8330B ICAL
 Client ID: Instrument ID: LC12
 Lims Batch ID: 6234 Lims Sample ID: 4
 Operator ID: RN Injection Vol: 500.0 ul
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



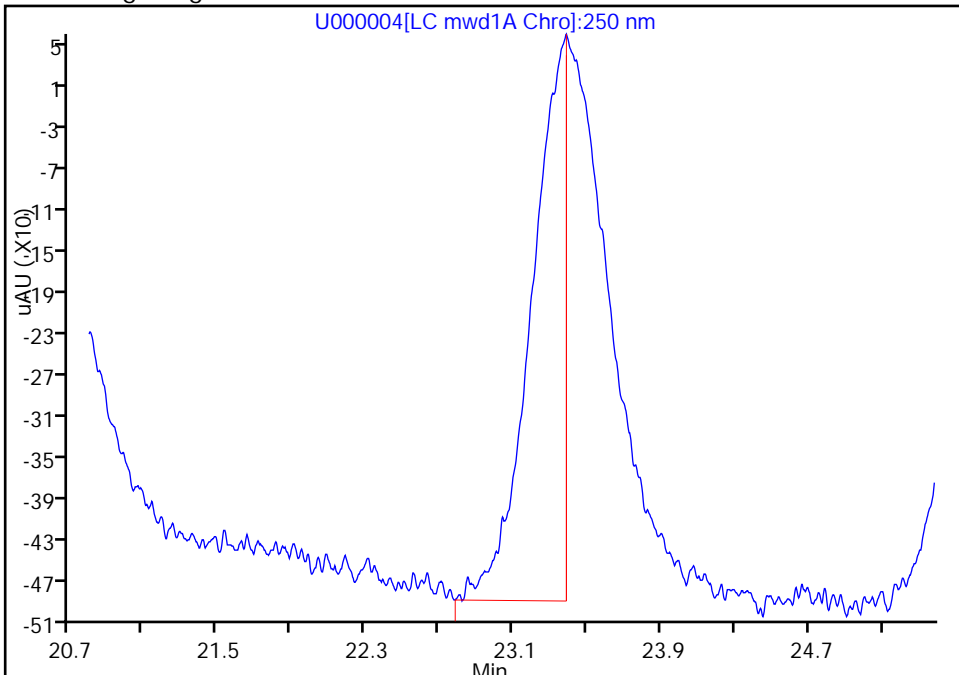
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000004.D
Injection Date: 21-Nov-2012 16:53:36 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC12
Lims Batch ID: 6234 Lims Sample ID: 4
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

24 1,3-Dinitrobenzene, Signal: 1, Type: quant, RT: 23.39, Det: LC mwd1A

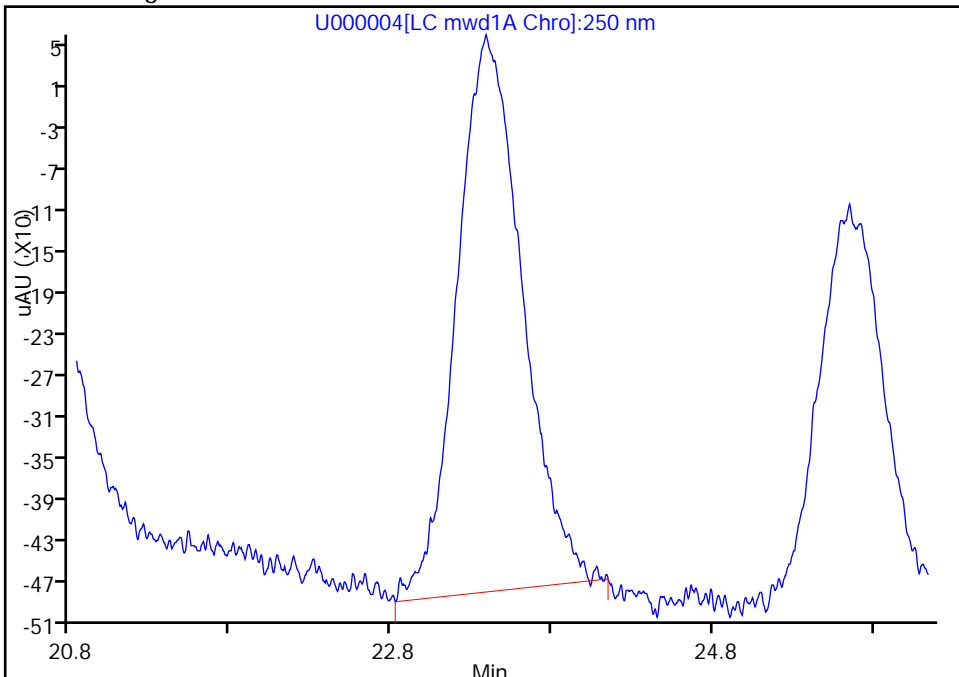
RT: 23.39
Response: 546
Amount: 5.439060

Processing Integration Results



RT: 23.39
Response: 536
Amount: 5.339443

Manual Integration Results



Reviewer: noonanr, 26-Nov-2012 08:51:00
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD6 320-6234/14 Calibration Date: 11/22/2012 03:49
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000014.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	45.28		199	200	-0.7	20.0
Ethylene glycol dinitrate	Ave	21.09	22.30		211	200	5.7	20.0
1,3-Dinitrobenzene	Ave	100.4	99.24		198	200	-1.1	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.58		197	200	-1.5	20.0
2-Nitrotoluene	Ave	60.89	57.14		188	200	-6.2	20.0
4-Nitrotoluene	Ave	60.89	57.14		188	200	-6.2	20.0
3-Nitrotoluene	Ave	40.52	38.25		189	200	-5.6	20.0
3,5-Dinitroaniline	Ave	79.66	77.70		195	200	-2.5	20.0
RDX	Ave	47.24	45.13		191	200	-4.5	20.0
2,4-Dinitrotoluene	Ave	92.07	93.77		204	200	1.8	20.0
2,6-Dinitrotoluene	Ave	54.36	56.08		206	200	3.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.91		197	200	-1.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	63.95		203	200	1.3	20.0
2,4,6-Trinitrotoluene	Ave	73.84	64.96		176	200	-12.0	20.0
HMX	Ave	62.43	55.60		178	200	-10.9	20.0
Nitroglycerin	Ave	86.52	79.12		183	200	-8.6	20.0
Tetryl	Ave	117.1	110.4		189	200	-5.7	20.0
PETN	Ave	151.5	146.5		193	200	-3.3	20.0
3,4-Dinitrotoluene	Ave	48.31	40.53		168	200	-16.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD6 320-6234/14 Calibration Date: 11/22/2012 03:49
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000014.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.71	20.46	20.96
Ethylene glycol dinitrate	21.42	21.17	21.67
1,3-Dinitrobenzene	23.47	23.22	23.72
1,3,5-Trinitrobenzene	25.72	25.47	25.97
2-Nitrotoluene	27.55	27.30	27.80
4-Nitrotoluene	27.55	27.30	27.80
3-Nitrotoluene	28.09	27.84	28.34
3,5-Dinitroaniline	29.47	29.22	29.72
RDX	30.15	29.90	30.40
2,4-Dinitrotoluene	31.01	30.76	31.26
2,6-Dinitrotoluene	31.91	31.66	32.16
2-Amino-4,6-dinitrotoluene	34.02	33.77	34.27
4-Amino-2,6-dinitrotoluene	34.55	34.30	34.80
2,4,6-Trinitrotoluene	38.20	37.95	38.45
HMX	40.91	40.66	41.16
Nitroglycerin	43.25	43.00	43.50
Tetryl	45.20	44.95	45.45
PETN	52.18	51.93	52.43
3,4-Dinitrotoluene	36.43	36.18	36.68

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000014.D
 Lims ID: STD6 Client ID:
 Inject. Date: 22-Nov-2012 03:49:08 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 320-0001492-014
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 3
 Lims Batch ID: 6234 Lims Sample ID: 14
 Sublist: chrom-LC12_Conf_8330*sub1
 Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
 Last Update: 26-Nov-2012 08:53:57 Calib Date: 19-Nov-2012 14:12:43
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK020

First Level Reviewer: noonanr Date: 26-Nov-2012 08:53:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.713	20.713	0.0	9056	198.6	
3 Ethylene glycol dinitrate						
2	21.417	21.417	0.0	4459	211.4	
24 1,3-Dinitrobenzene						
1	23.467	23.467	0.0	19848	197.7	
27 1,3,5-Trinitrobenzene						
1	25.723	25.723	0.0	15515	197.0	
16 o-Nitrotoluene						
1	27.550	27.550	0.0	11428	187.7	
15 p-Nitrotoluene						
1	27.550	27.550	0.0	11428	187.7	
8 m-Nitrotoluene						
1	28.093	28.093	0.0	7649	188.8	
9 3,5-Dinitroaniline						
1	29.470	29.470	0.0	15540	195.1	
19 RDX						
1	30.153	30.153	0.0	9026	191.1	
23 2,4-Dinitrotoluene						
1	31.010	31.010	0.0	18753	203.7	
12 2,6-Dinitrotoluene						
1	31.910	31.910	0.0	11216	206.3	
6 2-Amino-4,6-dinitrotoluene						
1	34.020	34.020	0.0	14982	197.4	
26 4-Amino-2,6-dinitrotoluene						
1	34.550	34.550	0.0	12790	202.6	
\$ 30 3,4-Dinitrotoluene						
1	36.427	36.427	0.0	8106	167.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25	2,4,6-Trinitrotoluene					
1	38.197	38.197	0.0	12991	175.9	
11	HMX					
1	40.913	40.913	0.0	11119	178.1	
7	Nitroglycerin					
2	43.253	43.253	0.0	15823	182.9	
20	Tetryl					
1	45.203	45.203	0.0	22072	188.5	
21	PETN					
2	52.180	52.180	0.0	29302	193.4	

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000014.D

Injection Date: 22-Nov-2012 03:49:08 Limit Group: LC 8330B ICAL

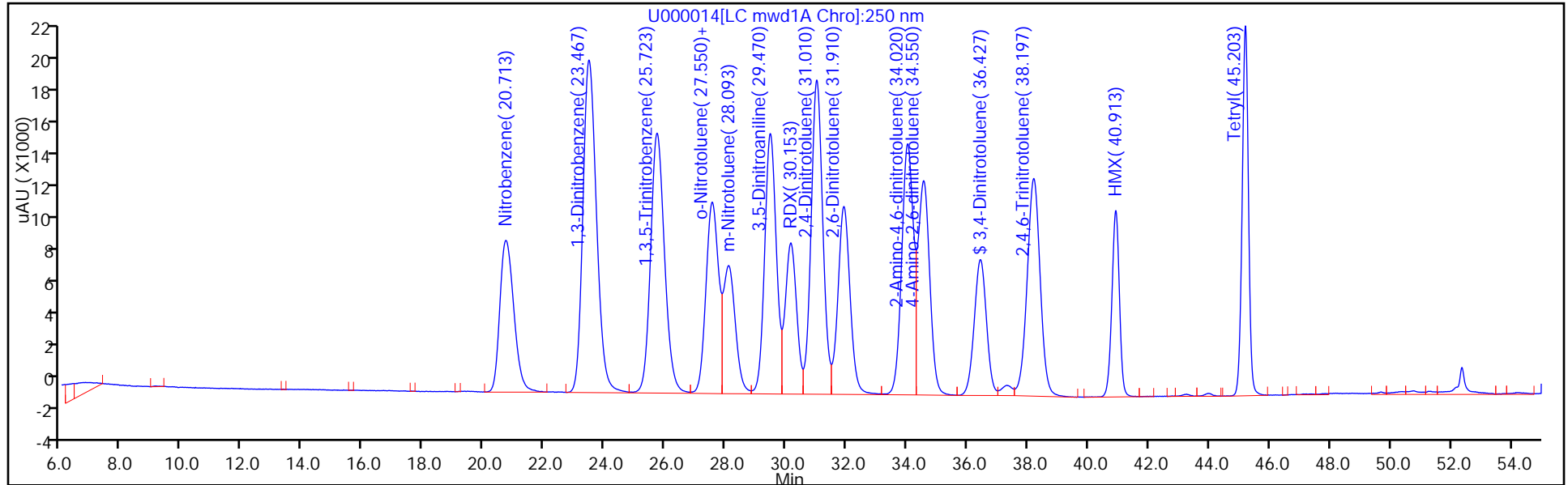
Client ID: Instrument ID: LC12

Lims Batch ID: 6234 Lims Sample ID: 14

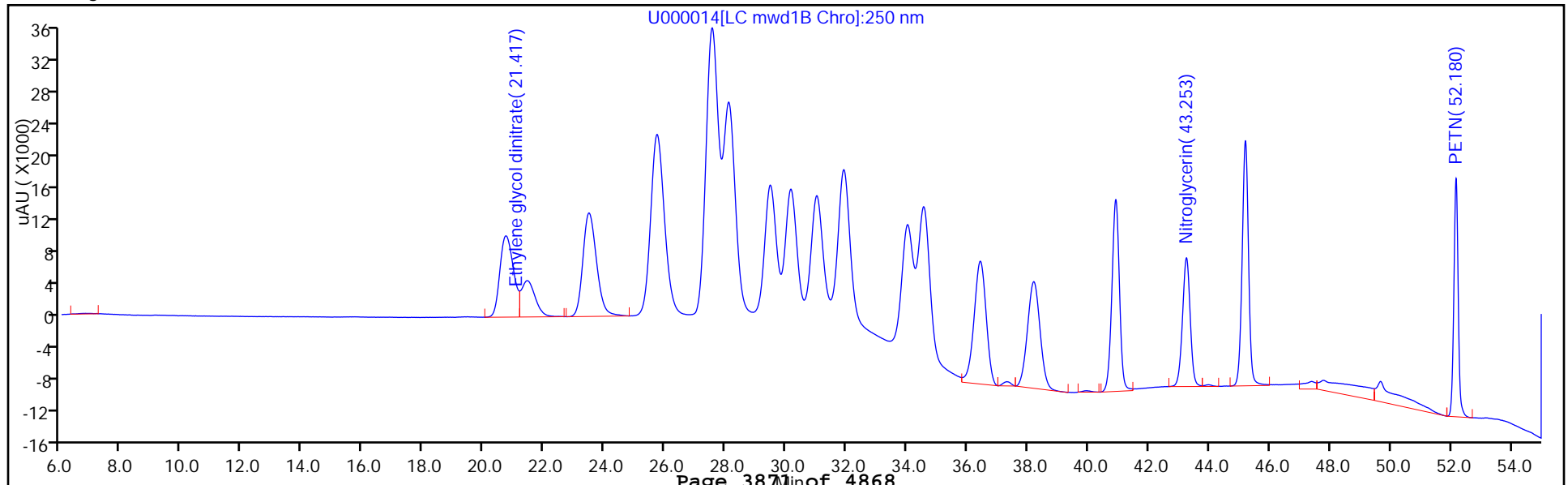
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6234/21 Calibration Date: 11/22/2012 11:27
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000021.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	50.60		5.55	5.00	11.0	30.0
1,3-Dinitrobenzene	Ave	100.4	106.8		5.32	5.00	6.4	30.0
1,3,5-Trinitrobenzene	Ave	78.76	80.60		5.12	5.00	2.3	30.0
2-Nitrotoluene	Ave	60.89	64.60		5.30	5.00	6.1	30.0
4-Nitrotoluene	Ave	60.89	64.60		5.30	5.00	6.1	30.0
3-Nitrotoluene	Ave	40.52	39.80		4.91	5.00	-1.8	30.0
3,5-Dinitroaniline	Ave	79.66	81.60		5.12	5.00	2.4	30.0
RDX	Ave	47.24	52.40		5.55	5.00	10.9	30.0
2,4-Dinitrotoluene	Ave	92.07	102.2		5.55	5.00	11.0	30.0
2,6-Dinitrotoluene	Ave	54.36	74.80		6.88	5.00	37.6*	30.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	80.40		5.30	5.00	6.0	30.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	68.40		5.42	5.00	8.3	30.0
2,4,6-Trinitrotoluene	Ave	73.84	51.40		3.48	5.00	-30.4*	30.0
HMX	Ave	62.43	53.40		4.28	5.00	-14.5	30.0
Nitroglycerin	Ave	86.52	75.35		17.4	20.0	-12.9	30.0
Tetryl	Ave	117.1	97.80		4.18	5.00	-16.5	30.0
PETN	Ave	151.5	128.4		16.9	20.0	-15.3	30.0
3,4-Dinitrotoluene	Ave	48.31	42.80		17.7	20.0	-11.4	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: CCVL 320-6234/21 Calibration Date: 11/22/2012 11:27
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000021.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.64	20.39	20.89
1,3-Dinitrobenzene	23.33	23.08	23.58
1,3,5-Trinitrobenzene	25.61	25.36	25.86
2-Nitrotoluene	27.36	27.11	27.61
4-Nitrotoluene	27.36	27.11	27.61
3-Nitrotoluene	27.89	27.64	28.14
3,5-Dinitroaniline	29.27	29.02	29.52
RDX	29.94	29.69	30.19
2,4-Dinitrotoluene	30.84	30.59	31.09
2,6-Dinitrotoluene	31.66	31.41	31.91
2-Amino-4,6-dinitrotoluene	33.76	33.51	34.01
4-Amino-2,6-dinitrotoluene	34.32	34.07	34.57
2,4,6-Trinitrotoluene	37.98	37.73	38.23
HMX	40.73	40.48	40.98
Nitroglycerin	43.11	42.86	43.36
Tetryl	45.09	44.84	45.34
PETN	52.16	51.91	52.41
3,4-Dinitrotoluene	36.21	35.96	36.46

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000021.D
 Lims ID: CCVL Client ID:
 Inject. Date: 22-Nov-2012 11:27:49 Dil. Factor: 1.0000
 Sample Type: CCVL
 Sample ID: 320-0001492-021
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 10
 Lims Batch ID: 6234 Lims Sample ID: 21
 Sublist: chrom-LC12_Conf_8330*sub4
 Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
 Last Update: 26-Nov-2012 09:45:04 Calib Date: 19-Nov-2012 14:12:43
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\PO00007.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK020

First Level Reviewer: noonanr Date: 26-Nov-2012 09:45:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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5 Nitrobenzene						
1	20.639	20.639	0.0	253	5.55	
24 1,3-Dinitrobenzene						
1	23.333	23.333	0.0	534	5.32	
27 1,3,5-Trinitrobenzene						
1	25.609	25.609	0.0	403	5.12	
16 o-Nitrotoluene						
1	27.356	27.356	0.0	323	5.30	
15 p-Nitrotoluene						
1	27.356	27.356	0.0	323	5.30	
8 m-Nitrotoluene						
1	27.893	27.893	0.0	199	4.91	
9 3,5-Dinitroaniline						
1	29.266	29.266	0.0	408	5.12	
19 RDX						
1	29.939	29.939	0.0	262	5.55	
23 2,4-Dinitrotoluene						
1	30.843	30.843	0.0	511	5.55	
12 2,6-Dinitrotoluene						
1	31.663	31.663	0.0	374	6.88	M
6 2-Amino-4,6-dinitrotoluene						
1	33.759	33.759	0.0	402	5.30	
26 4-Amino-2,6-dinitrotoluene						
1	34.319	34.319	0.0	342	5.42	
\$ 30 3,4-Dinitrotoluene						
1	36.206	36.206	0.0	856	17.7	
25 2,4,6-Trinitrotoluene						
1	37.976	37.976	0.0	257	3.48	

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000021.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	40.729	40.729	0.0	267	4.28	
7 Nitroglycerin						
2	43.112	43.112	0.0	1507	17.4	
20 Tetryl						
1	45.089	45.089	0.0	489	4.18	
21 PETN						
2	52.156	52.156	0.0	2567	16.9	

QC Flag Legend

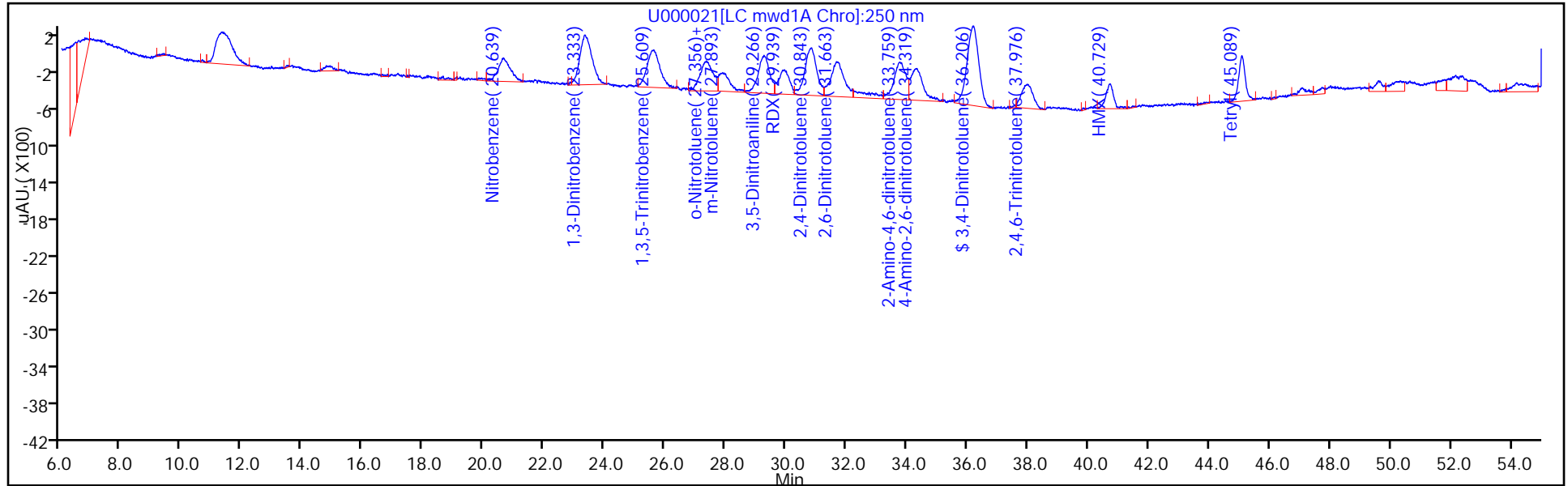
Review Flags

M - Manually Integrated

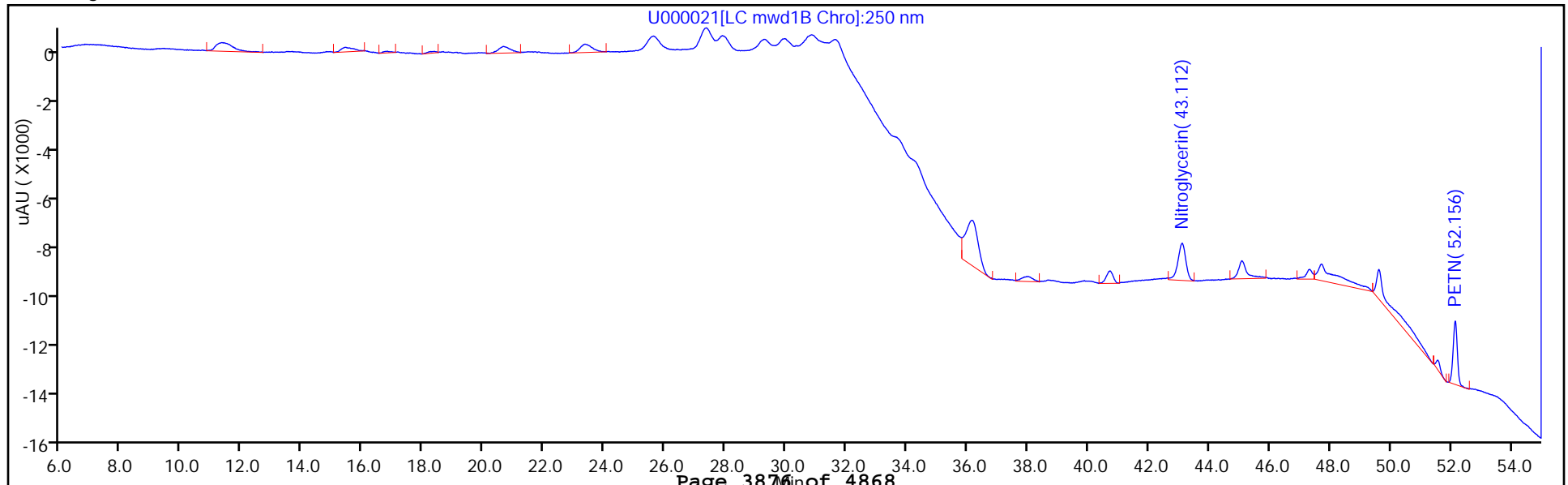
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000021.D
 Injection Date: 22-Nov-2012 11:27:49 Limit Group: LC 8330B ICAL
 Client ID: Instrument ID: LC12
 Lims Batch ID: 6234 Lims Sample ID: 21
 Operator ID: RN Injection Vol: 500.0 ul
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



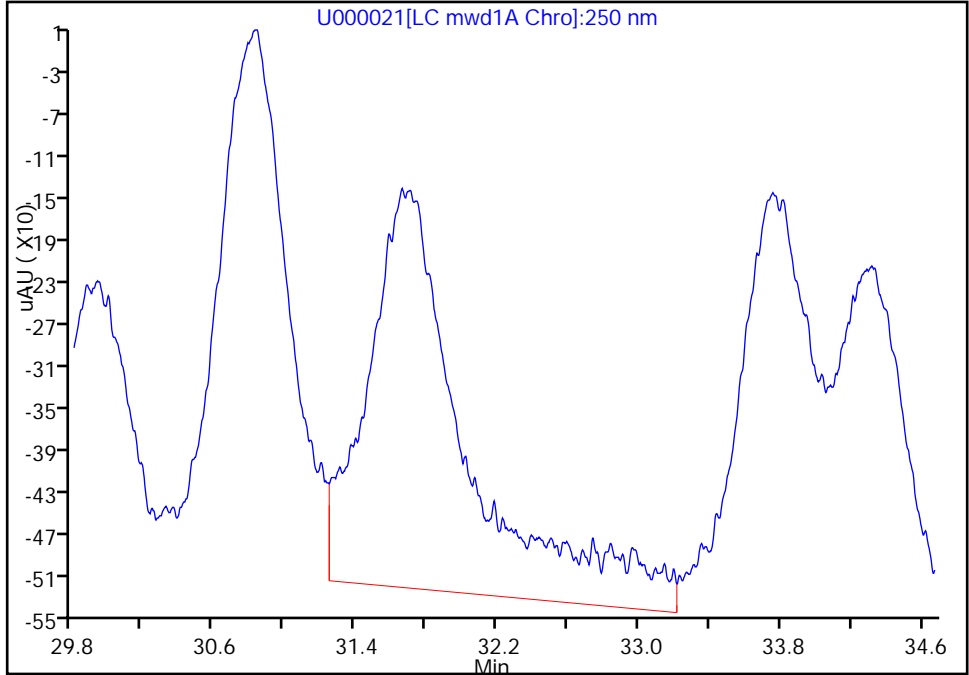
TestAmerica West Sacramento

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Injection Date: 22-Nov-2012 11:27:49 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC12
Lims Batch ID: 6234 Lims Sample ID: 21
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

12,2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 31.66, Det: LC mwd1A

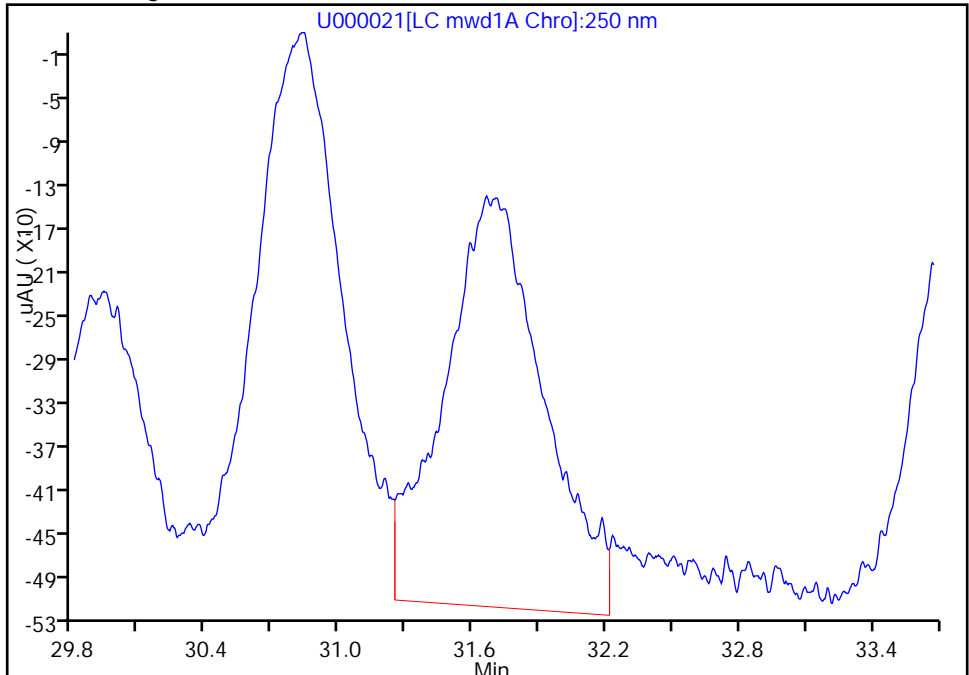
RT: 31.66
Response: 375
Amount: 6.898709

Processing Integration Results



RT: 31.66
Response: 374
Amount: 6.880312

Manual Integration Results



Reviewer: noonanr, 26-Nov-2012 09:45:04
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD6 320-6234/22 Calibration Date: 11/22/2012 12:33
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000022.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	44.37		195	200	-2.7	20.0
Ethylene glycol dinitrate	Ave	21.09	22.48		213	200	6.6	20.0
1,3-Dinitrobenzene	Ave	100.4	98.84		197	200	-1.5	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.08		196	200	-2.1	20.0
2-Nitrotoluene	Ave	60.89	55.78		183	200	-8.4	20.0
4-Nitrotoluene	Ave	60.89	55.78		183	200	-8.4	20.0
3-Nitrotoluene	Ave	40.52	37.39		185	200	-7.7	20.0
3,5-Dinitroaniline	Ave	79.66	77.90		196	200	-2.2	20.0
RDX	Ave	47.24	45.40		192	200	-3.9	20.0
2,4-Dinitrotoluene	Ave	92.07	94.03		204	200	2.1	20.0
2,6-Dinitrotoluene	Ave	54.36	56.28		207	200	3.5	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	76.77		202	200	1.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	65.12		206	200	3.1	20.0
2,4,6-Trinitrotoluene	Ave	73.84	64.70		175	200	-12.4	20.0
HMX	Ave	62.43	54.80		176	200	-12.2	20.0
Nitroglycerin	Ave	86.52	77.88		180	200	-10.0	20.0
Tetryl	Ave	117.1	109.1		186	200	-6.8	20.0
PETN	Ave	151.5	145.4		192	200	-4.1	20.0
3,4-Dinitrotoluene	Ave	48.31	40.92		169	200	-15.3	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: STD6 320-6234/22 Calibration Date: 11/22/2012 12:33
 Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30
 GC Column: Zorbax CN ID: 4.60 (mm) Calib End Date: 10/01/2012 20:08
 Lab File ID: U000022.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.72	20.47	20.97
Ethylene glycol dinitrate	21.40	21.15	21.65
1,3-Dinitrobenzene	23.46	23.21	23.71
1,3,5-Trinitrobenzene	25.70	25.45	25.95
2-Nitrotoluene	27.57	27.32	27.82
4-Nitrotoluene	27.57	27.32	27.82
3-Nitrotoluene	28.11	27.86	28.36
3,5-Dinitroaniline	29.48	29.23	29.73
RDX	30.16	29.91	30.41
2,4-Dinitrotoluene	31.00	30.75	31.25
2,6-Dinitrotoluene	31.89	31.64	32.14
2-Amino-4,6-dinitrotoluene	33.97	33.72	34.22
4-Amino-2,6-dinitrotoluene	34.49	34.24	34.74
2,4,6-Trinitrotoluene	38.08	37.83	38.33
HMX	40.80	40.55	41.05
Nitroglycerin	43.16	42.91	43.41
Tetryl	45.13	44.88	45.38
PETN	52.15	51.90	52.40
3,4-Dinitrotoluene	36.34	36.09	36.59

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000022.D
 Lims ID: STD6 Client ID:
 Inject. Date: 22-Nov-2012 12:33:22 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 320-0001492-022
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 3
 Lims Batch ID: 6234 Lims Sample ID: 22
 Sublist: chrom-LC12_Conf_8330*sub1
 Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
 Last Update: 26-Nov-2012 09:49:01 Calib Date: 19-Nov-2012 14:12:43
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK020

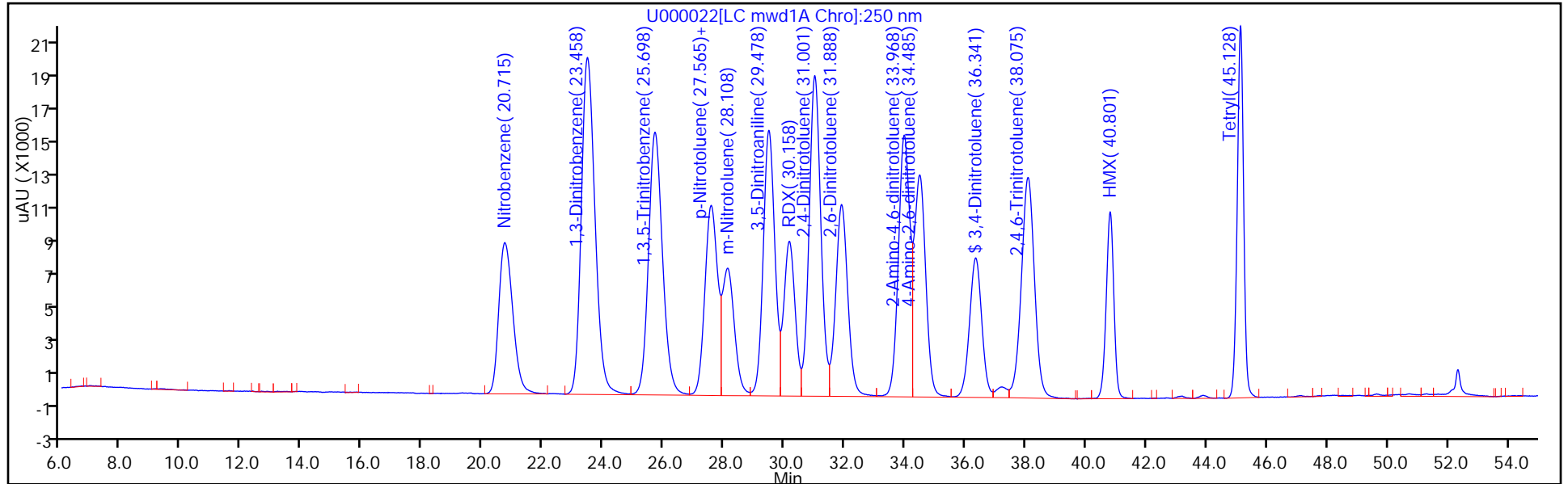
First Level Reviewer: noonanr Date: 26-Nov-2012 09:49:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.715	20.715	0.0	8874	194.6	
3 Ethylene glycol dinitrate						
2	21.398	21.398	0.0	4495	213.1	
24 1,3-Dinitrobenzene						
1	23.458	23.458	0.0	19767	196.9	
27 1,3,5-Trinitrobenzene						
1	25.698	25.698	0.0	15416	195.7	
16 o-Nitrotoluene						
1	27.565	27.565	0.0	11155	183.2	
15 p-Nitrotoluene						
1	27.565	27.565	0.0	11155	183.2	
8 m-Nitrotoluene						
1	28.108	28.108	0.0	7477	184.5	
9 3,5-Dinitroaniline						
1	29.478	29.478	0.0	15579	195.6	
19 RDX						
1	30.158	30.158	0.0	9080	192.2	
23 2,4-Dinitrotoluene						
1	31.001	31.001	0.0	18805	204.2	
12 2,6-Dinitrotoluene						
1	31.888	31.888	0.0	11255	207.1	
6 2-Amino-4,6-dinitrotoluene						
1	33.968	33.968	0.0	15353	202.3	
26 4-Amino-2,6-dinitrotoluene						
1	34.485	34.485	0.0	13024	206.3	
\$ 30 3,4-Dinitrotoluene						
1	36.341	36.341	0.0	8184	169.4	

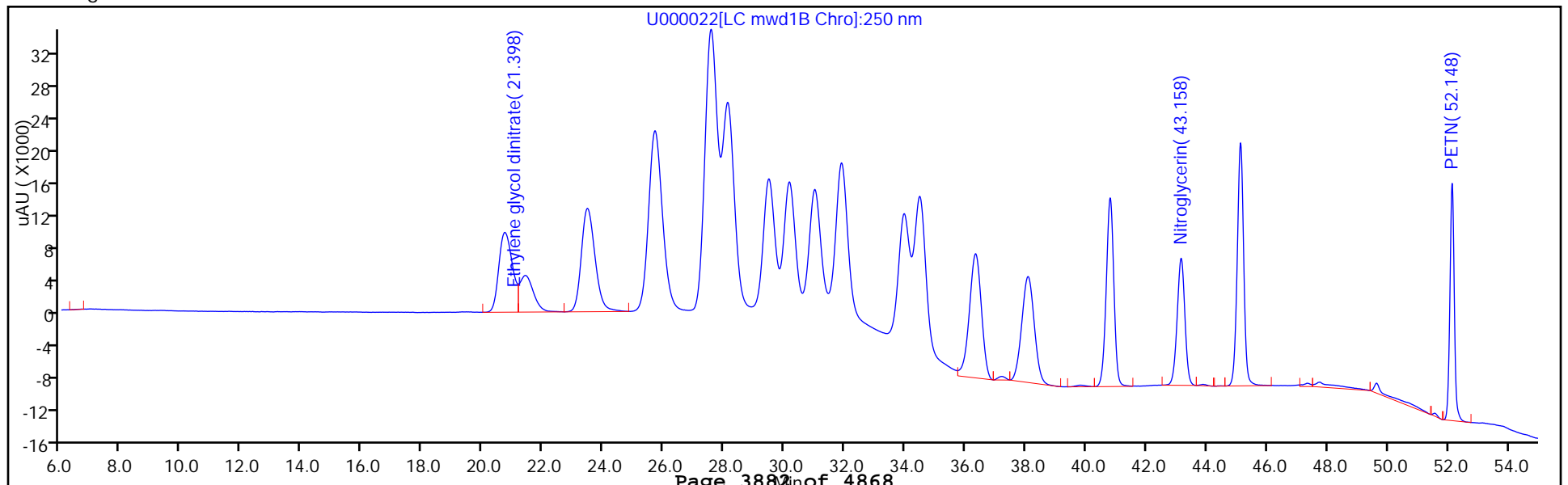
Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000022.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25	2,4,6-Trinitrotoluene					
1	38.075	38.075	0.0	12939	175.2	
11	HMX					
1	40.801	40.801	0.0	10959	175.5	
7	Nitroglycerin					
2	43.158	43.158	0.0	15576	180.0	
20	Tetryl					
1	45.128	45.128	0.0	21816	186.4	
21	PETN					
2	52.148	52.148	0.0	29075	191.9	

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000022.D
 Injection Date: 22-Nov-2012 12:33:22 Limit Group: LC 8330B ICAL
 Client ID: Instrument ID: LC12
 Lims Batch ID: 6234 Lims Sample ID: 22
 Operator ID: RN Injection Vol: 500.0 ul
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 320-6026/1-A
 Matrix: Solid Lab File ID: T-000014.D
 Analysis Method: 8330B Date Collected: _____
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.00 (g) Date Analyzed: 11/20/2012 22:21
 Con. Extract Vol.: 80 (mL) Dilution Factor: 1
 Injection Volume: 500 (uL) GC Column: Synergi C18 ID: 4.6 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000014.D
 Lims ID: MB 320-6026/1-A Client ID:
 Inject. Date: 20-Nov-2012 22:21:59 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: 320-0001479-014
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 21
 Lims Batch ID: 6177 Lims Sample ID: 14
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:06:00 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:06:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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\$ 30 3,4-Dinitrotoluene

1	16.719	16.726	-0.007	3475	61.7	
2	16.716	16.693	0.023	6538	63.3	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000014.D

Injection Date: 20-Nov-2012 22:21:59 Limit Group: LC 8330B ICAL

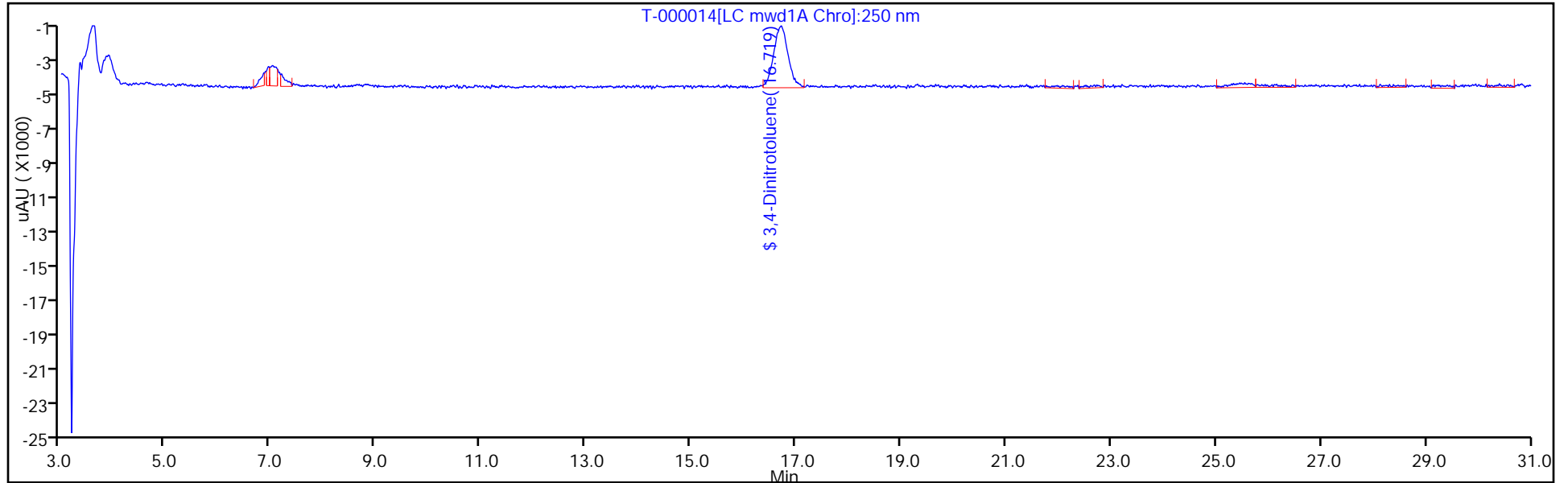
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 14

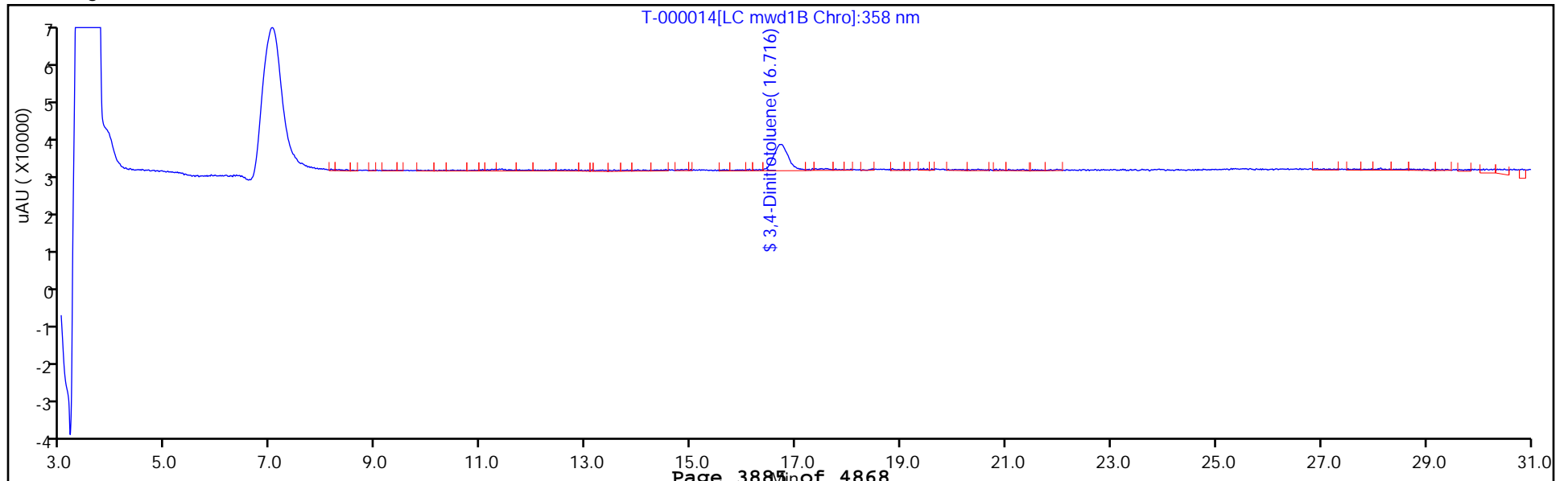
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 320-6026/1-A
 Matrix: Solid Lab File ID: U000005.D
 Analysis Method: 8330B Date Collected: _____
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.00 (g) Date Analyzed: 11/21/2012 17:59
 Con. Extract Vol.: 80 (mL) Dilution Factor: 1
 Injection Volume: 500 (uL) GC Column: Zorbax CN ID: 4.6 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6234 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.0189	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	75	Q	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000005.D
 Lims ID: MB 320-6026/1-A Client ID:
 Inject. Date: 21-Nov-2012 17:59:09 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: 320-0001492-005
 Misc. Info.:
 Operator: RN Instrument ID: LC12
 Injection Vol: 500.0 ul ALS Bottle#: 11
 Lims Batch ID: 6234 Lims Sample ID: 5
 Method: \\SACChrom\ChromData\LC12\20121121-1492.b\LC12_Conf_8330.m
 Last Update: 26-Nov-2012 10:03:00 Calib Date: 19-Nov-2012 14:12:43
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\IP000007.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
 Process Host: XAWRK020

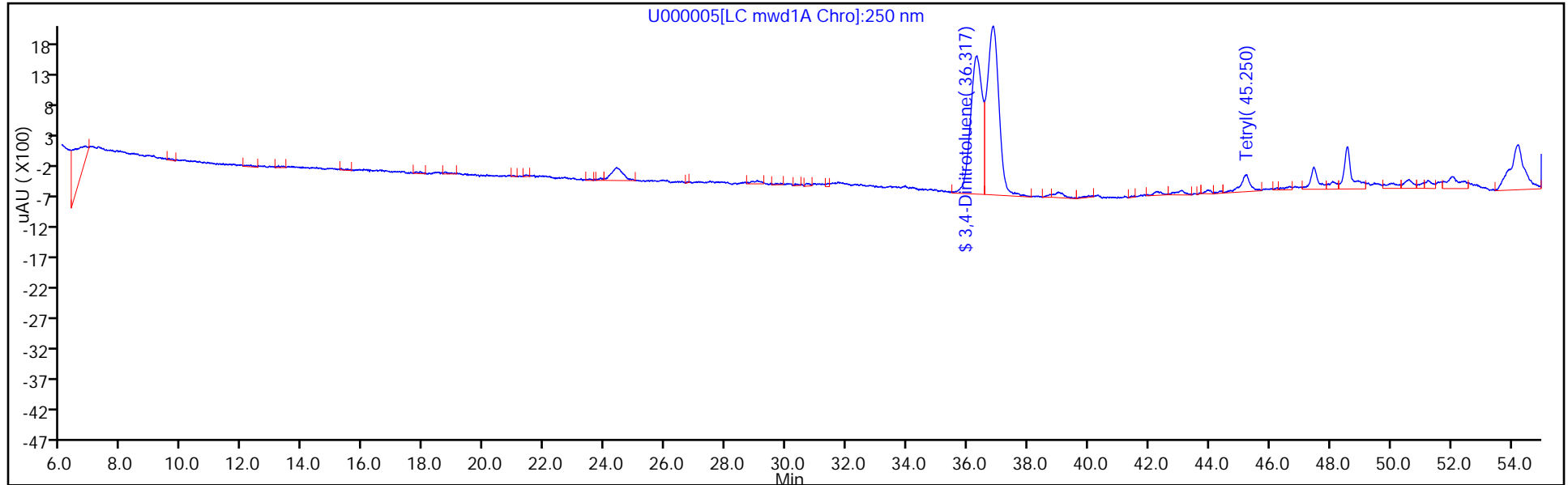
First Level Reviewer: noonanr Date: 26-Nov-2012 10:04:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.117	0.117	0.0	72	0	
1	0.117	0.117	0.0	64	0	
\$ 30 3,4-Dinitrotoluene						
1	36.317	36.534	-0.217	2267	46.9	
20 Tetryl						
1	45.250	45.264	-0.014	277	2.37	

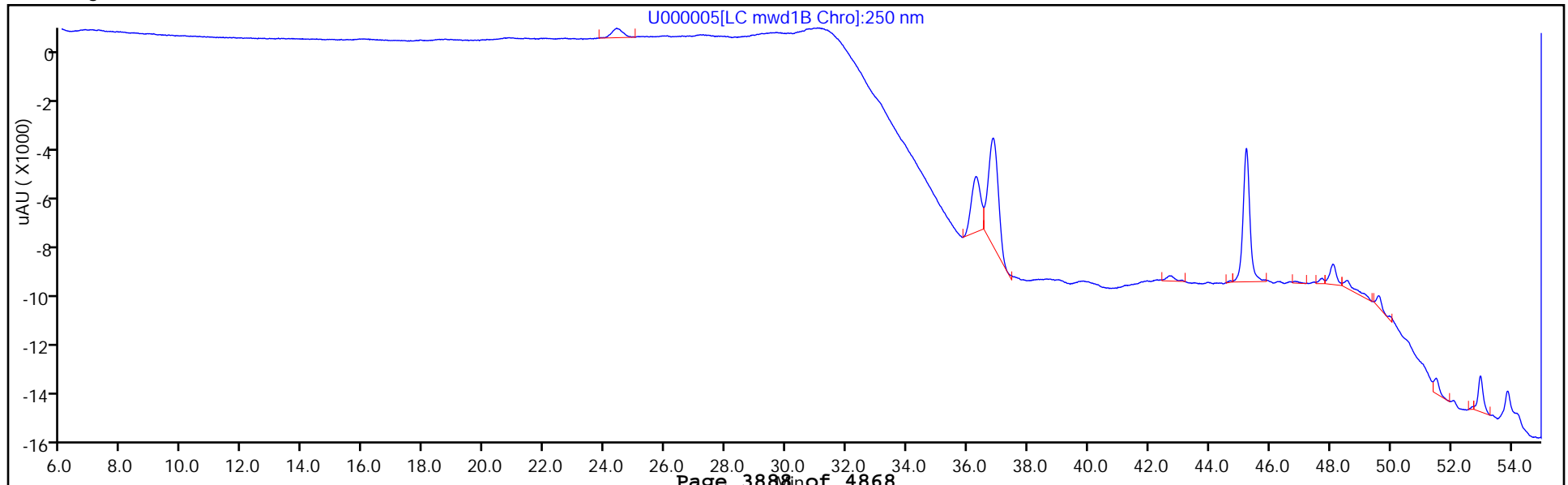
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC12\20121121-1492.b\U000005.D
Injection Date: 21-Nov-2012 17:59:09 Limit Group: LC 8330B ICAL
Client ID: Instrument ID: LC12
Lims Batch ID: 6234 Lims Sample ID: 5
Operator ID: RN Injection Vol: 500.0 ul
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 320-6026/2-A
 Matrix: Solid Lab File ID: T-000015.D
 Analysis Method: 8330B Date Collected: _____
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.00 (g) Date Analyzed: 11/20/2012 23:02
 Con. Extract Vol.: 80 (mL) Dilution Factor: 1
 Injection Volume: 500 (uL) GC Column: Synergi C18 ID: 4.6 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.494		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.519		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.508		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.503		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.483		0.25	0.050	0.0073
2691-41-0	HMX	0.512		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.497		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.973		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.472		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.493		0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.481		0.25	0.050	0.018
78-11-5	PETN	0.995		0.50	0.25	0.025
121-82-4	RDX	0.503		0.25	0.050	0.012
479-45-8	Tetryl	0.425		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.505		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.421		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000015.D
 Lims ID: LCS 320-6026/2-A Client ID:
 Inject. Date: 20-Nov-2012 23:02:20 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: 320-0001479-015
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 22
 Lims Batch ID: 6177 Lims Sample ID: 15
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:07:41 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr

Date: 21-Nov-2012 12:07:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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11 HMX						
1	5.208	5.196	0.012	8049	64.0	
19 RDX						
1	7.501	7.466	0.035	5593	62.9	
27 1,3,5-Trinitrobenzene						
1	9.851	9.849	0.002	10267	63.1	
24 1,3-Dinitrobenzene						
1	12.468	12.490	-0.022	10270	63.5	
9 3,5-Dinitroaniline						
1	13.208	13.243	-0.035	6599	63.5	
20 Tetryl						
1	13.625	13.593	0.032	4594	53.1	
5 Nitrobenzene						
1	14.208	14.203	0.005	4583	62.2	
7 Nitroglycerin						
2	14.855	14.880	-0.025	7890	121.6	
25 2,4,6-Trinitrotoluene						
1	15.731	15.730	0.001	4885	52.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.265	16.190	0.075	4913	64.9	
\$ 30 3,4-Dinitrotoluene						
1	16.708	16.726	-0.018	3488	61.9	
2	16.711	16.693	0.018	6439	62.3	
6 2-Amino-4,6-dinitrotoluene						
1	17.198	17.153	0.045	5164	61.8	
12 2,6-Dinitrotoluene						
1	18.825	18.890	-0.065	3594	60.3	
23 2,4-Dinitrotoluene						
1	19.471	19.383	0.088	6035	62.9	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000015.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16	o-Nitrotoluene					
1	22.831	22.823	0.008	2630	59.0	
15	p-Nitrotoluene					
1	24.468	24.556	-0.088	3210	60.1	
8	m-Nitrotoluene					
1	26.331	26.256	0.075	3322	61.6	
21	PETN					
2	28.648	28.653	-0.005	4567	124.4	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000015.D

Injection Date: 20-Nov-2012 23:02:20 Limit Group: LC 8330B ICAL

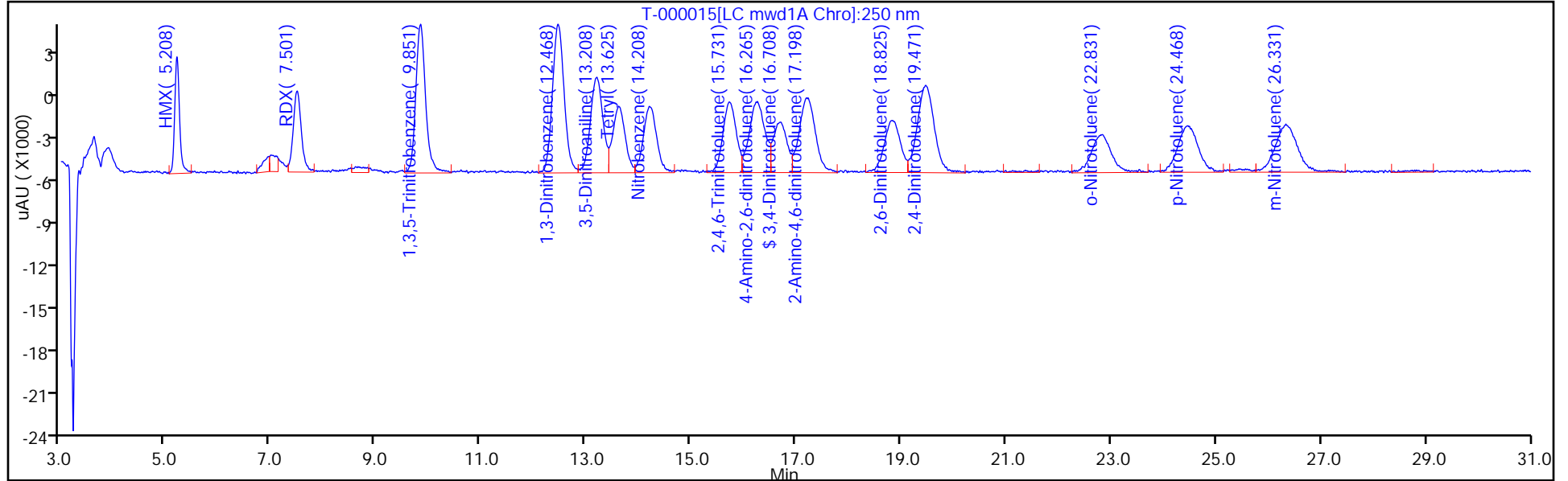
Client ID: Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 15

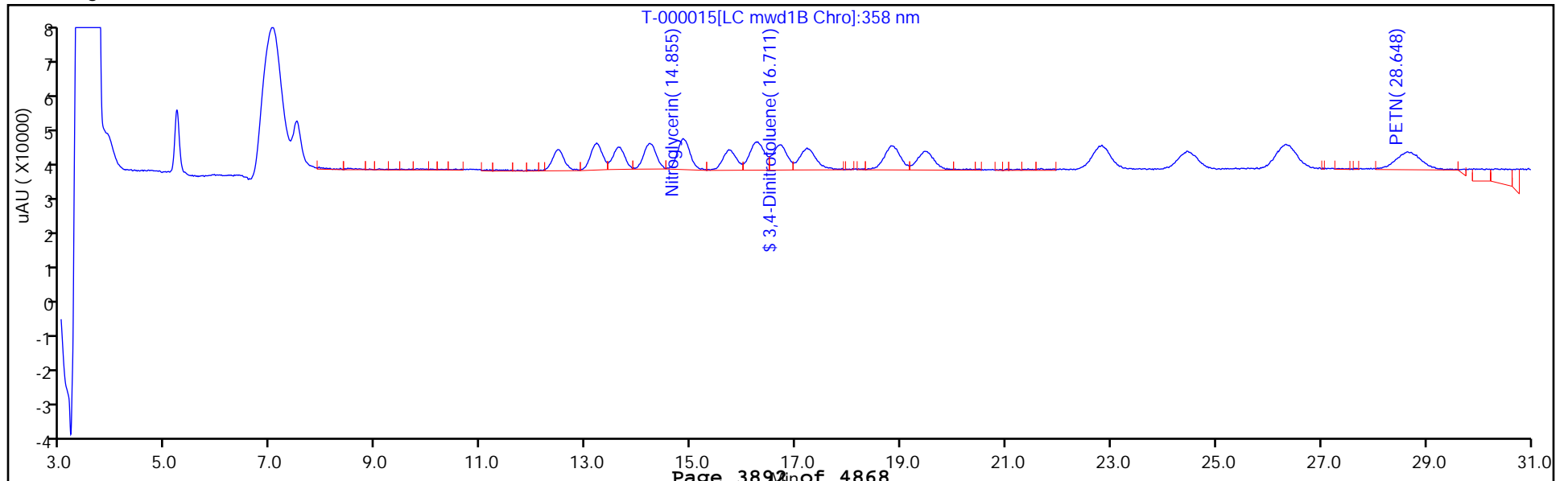
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: 068SS-0003M-0001-SO MS Lab Sample ID: 240-17317-7 MS
 Matrix: Solid Lab File ID: T-000022.D
 Analysis Method: 8330B Date Collected: 11/06/2012 12:00
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.10(g) Date Analyzed: 11/21/2012 03:45
 Con. Extract Vol.: 80(mL) Dilution Factor: 1
 Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.477		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.493		0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.506		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.485		0.25	0.050	0.0052
606-20-2	2,6-Dinitrotoluene	0.469		0.25	0.050	0.0072
2691-41-0	HMX	0.496		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.494		0.25	0.050	0.017
55-63-0	Nitroglycerin	0.961		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.465		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.479		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.465		0.25	0.050	0.018
78-11-5	PETN	0.871		0.50	0.25	0.025
121-82-4	RDX	0.441		0.25	0.050	0.012
479-45-8	Tetryl	0.406		0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.496		0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.410		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000022.D
 Lims ID: 240-17317-P-7-D MS Client ID: 068SS-0003M-0002-SO
 Inject. Date: 21-Nov-2012 03:45:13 Dil. Factor: 1.0000
 Sample Type: MS
 Sample ID: 320-0001479-022
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 29
 Lims Batch ID: 6177 Lims Sample ID: 22
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:19:37 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:19:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.209	5.196	0.013	7877	62.6	
19 RDX						
1	7.499	7.466	0.033	4957	55.7	
3 Ethylene glycol dinitrate						
2	8.169	8.200	-0.031	194	2.00	
10 2,4,6-Trinitrophenol						
2	8.659	8.560	0.099	191	1.55	
1	8.676	8.560	0.116	331	4.00	
27 1,3,5-Trinitrobenzene						
1	9.849	9.849	0.0	10177	62.6	
24 1,3-Dinitrobenzene						
1	12.483	12.490	-0.007	10328	63.9	
9 3,5-Dinitroaniline						
1	13.216	13.243	-0.027	6338	61.0	
20 Tetryl						
1	13.649	13.593	0.056	4432	51.2	
5 Nitrobenzene						
1	14.226	14.203	0.023	4599	62.4	
7 Nitroglycerin						
2	14.886	14.880	0.006	7869	121.3	
25 2,4,6-Trinitrotoluene						
1	15.753	15.730	0.023	4807	51.8	
26 4-Amino-2,6-dinitrotoluene						
1	16.283	16.190	0.093	4717	62.3	
\$ 30 3,4-Dinitrotoluene						
1	16.706	16.726	-0.020	3367	59.8	
2	16.733	16.693	0.040	6621	64.1	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000022.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6	2-Amino-4,6-dinitrotoluene					
1	17.229	17.153	0.076	5031	60.2	
12	2,6-Dinitrotoluene					
1	18.873	18.890	-0.017	3531	59.3	
23	2,4-Dinitrotoluene					
1	19.516	19.383	0.133	5879	61.3	
16	o-Nitrotoluene					
1	22.886	22.823	0.063	2616	58.7	
15	p-Nitrotoluene					
1	24.519	24.556	-0.037	3136	58.7	
8	m-Nitrotoluene					
1	26.436	26.256	0.180	3264	60.5	
21	PETN					
2	28.706	28.653	0.053	4037	109.9	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000022.D

Injection Date: 21-Nov-2012 03:45:13 Limit Group: LC 8330B ICAL

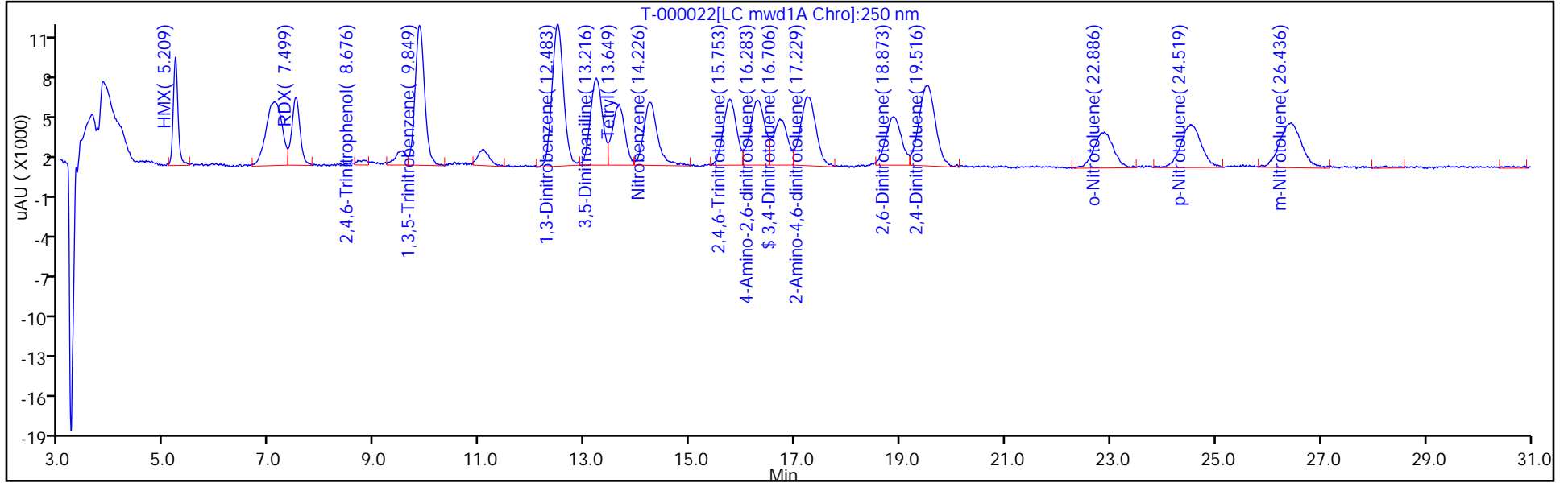
Client ID: 068SS-0003M-0002-SO Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 22

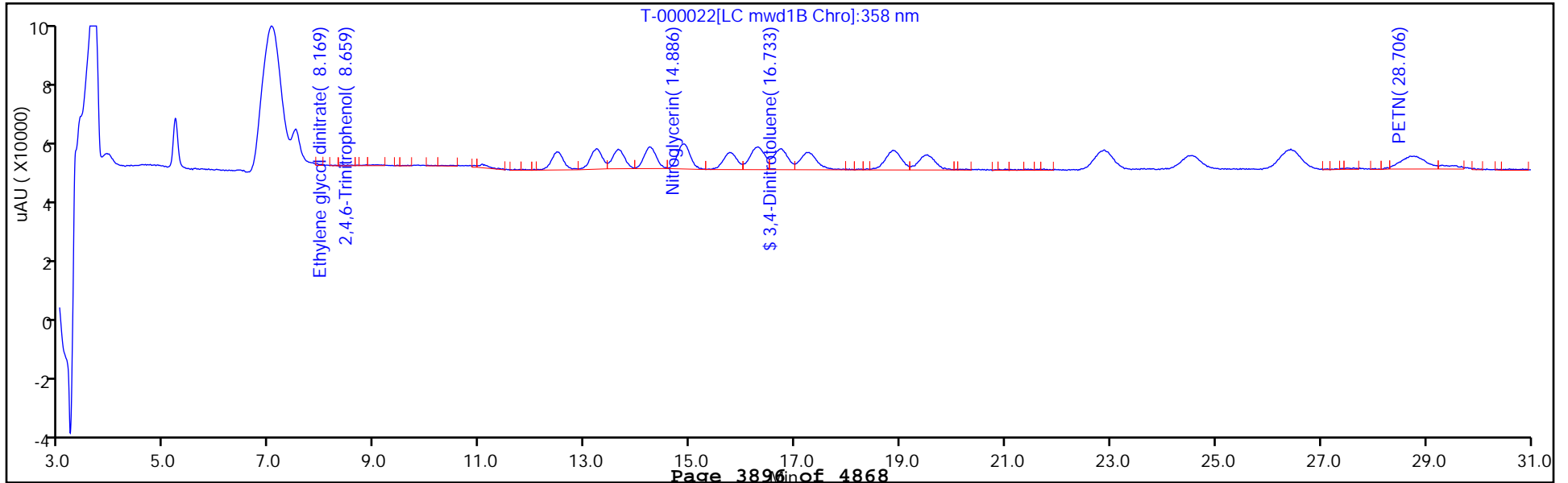
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: 076SD-0009-0001-SO MS Lab Sample ID: 240-17317-19 MS
 Matrix: Solid Lab File ID: T-000028.D
 Analysis Method: 8330B Date Collected: 11/06/2012 18:15
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.07(g) Date Analyzed: 11/21/2012 07:48
 Con. Extract Vol.: 80(mL) Dilution Factor: 1
 Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.486		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.496		0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.506		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.494		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.481		0.25	0.050	0.0072
2691-41-0	HMX	0.512		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.496		0.25	0.050	0.017
55-63-0	Nitroglycerin	0.954		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.464	M	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.468		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.472		0.25	0.050	0.018
78-11-5	PETN	0.952		0.50	0.25	0.025
121-82-4	RDX	0.485		0.25	0.050	0.012
479-45-8	Tetryl	0.395		0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.506		0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.432		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000028.D
 Lims ID: 240-17317-E-19-D MS Client ID: 076SD-0009-0001-SO
 Inject. Date: 21-Nov-2012 07:48:53 Dil. Factor: 1.0000
 Sample Type: MS
 Sample ID: 320-0001479-028
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 34
 Lims Batch ID: 6177 Lims Sample ID: 28
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:44:17 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:44:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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11 HMX						
1	5.201	5.198	0.003	8114	64.5	
19 RDX						
1	7.478	7.488	-0.010	5428	61.0	
27 1,3,5-Trinitrobenzene						
1	9.834	9.845	-0.011	10361	63.7	
24 1,3-Dinitrobenzene						
1	12.448	12.465	-0.017	10292	63.7	
9 3,5-Dinitroaniline						
1	13.175	13.195	-0.020	6314	60.8	
20 Tetryl						
1	13.611	13.635	-0.024	4308	49.8	
5 Nitrobenzene						
1	14.208	14.218	-0.010	4601	62.4	
7 Nitroglycerin						
2	14.831	14.875	-0.044	7793	120.1	
25 2,4,6-Trinitrotoluene						
1	15.708	15.738	-0.030	5045	54.4	
26 4-Amino-2,6-dinitrotoluene						
1	16.225	16.245	-0.020	4729	62.4	
\$ 30 3,4-Dinitrotoluene						
1	16.691	16.702	-0.011	3413	60.6	
2	16.698	16.708	-0.010	6599	63.9	
6 2-Amino-4,6-dinitrotoluene						
1	17.178	17.212	-0.034	5114	61.2	
12 2,6-Dinitrotoluene						
1	18.811	18.852	-0.041	3606	60.5	
23 2,4-Dinitrotoluene						
1	19.448	19.475	-0.027	5963	62.1	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000028.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16	o-Nitrotoluene					M
1	22.788	22.852	-0.064	2601	58.4	M
15	p-Nitrotoluene					
1	24.498	24.502	-0.004	3175	59.4	
8	m-Nitrotoluene					
1	26.381	26.378	0.003	3179	58.9	
21	PETN					
2	28.701	28.728	-0.027	4401	119.8	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000028.D

Injection Date: 21-Nov-2012 07:48:53 Limit Group: LC 8330B ICAL

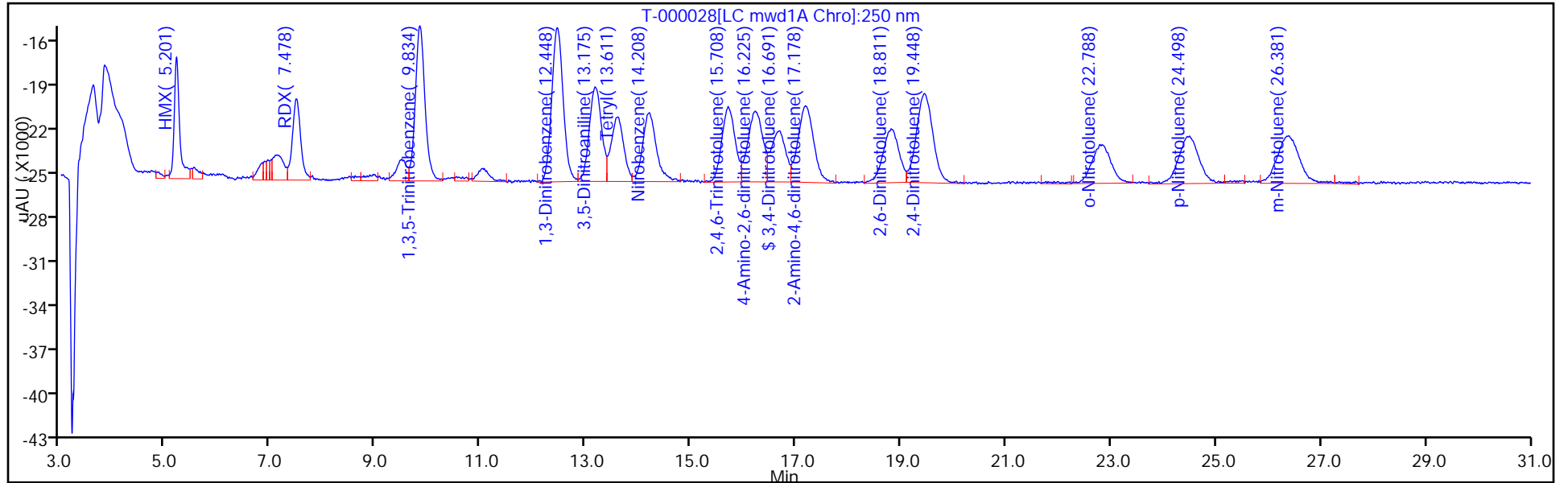
Client ID: 076SD-0009-0001-SO Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 28

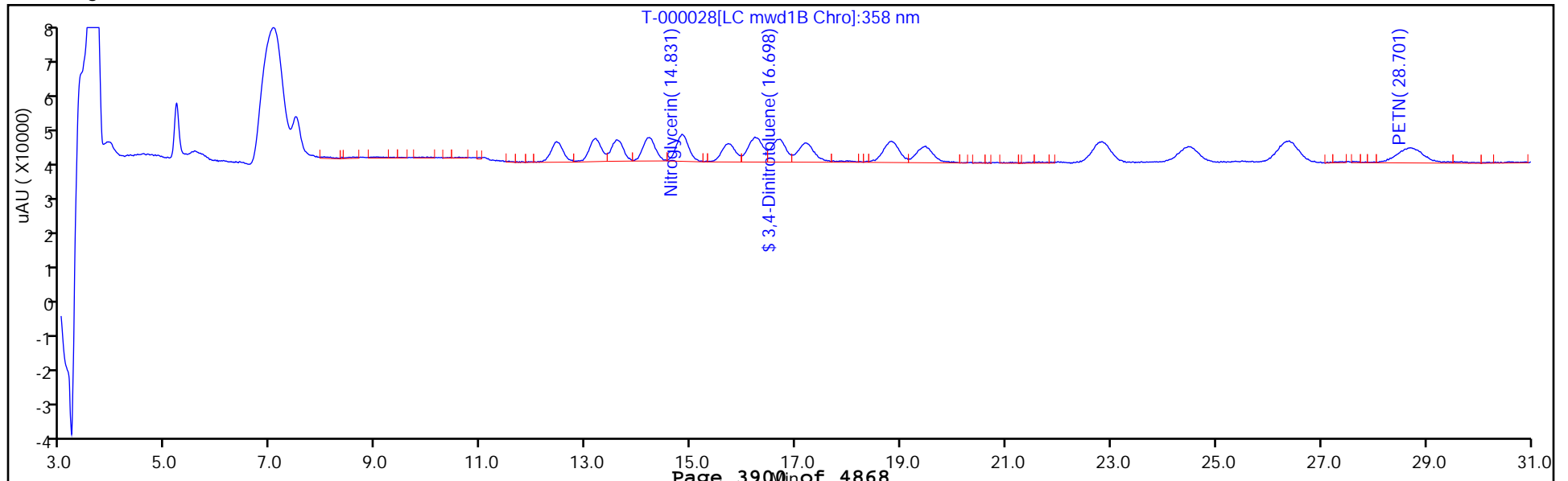
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



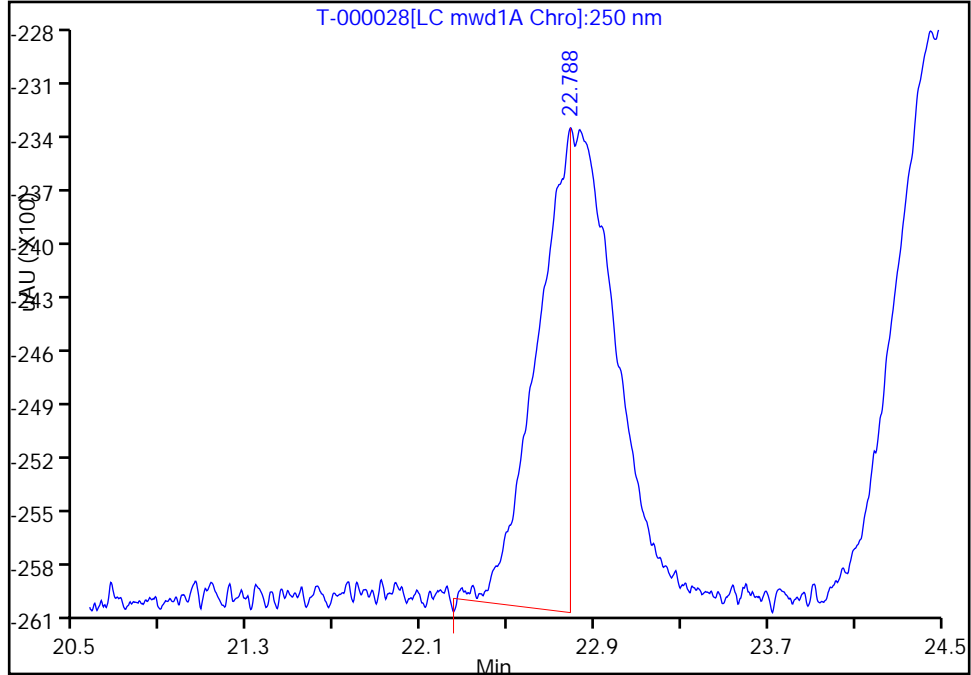
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000028.D
Injection Date: 21-Nov-2012 07:48:53 Limit Group: LC 8330B ICAL
Client ID: 076SD-0009-0001-SO Instrument ID: LC10
Lims Batch ID: 6177 Lims Sample ID: 28
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: 22.85, Det: LC mwd1A

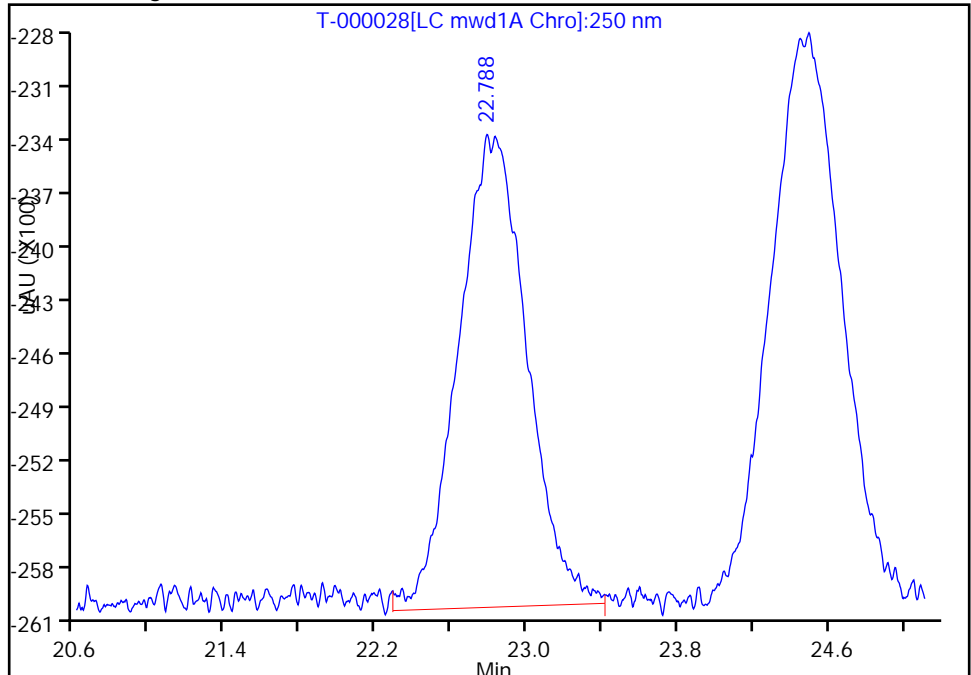
RT: 22.79
Response: 2645
Amount: 59.364830

Processing Integration Results



RT: 22.79
Response: 2601
Amount: 58.377286

Manual Integration Results



Reviewer: noonanr, 21-Nov-2012 12:43:50
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: 068SS-0003M-0001-SO MSD Lab Sample ID: 240-17317-7 MSD
 Matrix: Solid Lab File ID: T-000023.D
 Analysis Method: 8330B Date Collected: 11/06/2012 12:00
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.07(g) Date Analyzed: 11/21/2012 04:25
 Con. Extract Vol.: 80(mL) Dilution Factor: 1
 Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.483		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.488		0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.507		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.488		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.468		0.25	0.050	0.0072
2691-41-0	HMX	0.486		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.492		0.25	0.050	0.017
55-63-0	Nitroglycerin	0.980		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.470		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.495		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.476		0.25	0.050	0.018
78-11-5	PETN	0.962		0.50	0.25	0.025
121-82-4	RDX	0.432		0.25	0.050	0.012
479-45-8	Tetryl	0.392		0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.500		0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.409		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	94		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000023.D
 Lims ID: 240-17317-P-7-E MSD Client ID: 068SS-0003M-0002-SO
 Inject. Date: 21-Nov-2012 04:25:48 Dil. Factor: 1.0000
 Sample Type: MSD
 Sample ID: 320-0001479-023
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 30
 Lims Batch ID: 6177 Lims Sample ID: 23
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:25:57 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: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:25:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.208	5.196	0.012	7704	61.2	
19 RDX						
1	7.491	7.466	0.025	4835	54.3	
27 1,3,5-Trinitrobenzene						
1	9.845	9.849	-0.004	10241	63.0	
24 1,3-Dinitrobenzene						
1	12.478	12.490	-0.012	10311	63.8	
9 3,5-Dinitroaniline						
1	13.211	13.243	-0.032	6233	60.0	
20 Tetryl						
1	13.645	13.593	0.052	4274	49.4	
5 Nitrobenzene						
1	14.218	14.203	0.015	4571	62.0	
7 Nitroglycerin						
2	14.861	14.880	-0.019	8003	123.3	
25 2,4,6-Trinitrotoluene						
1	15.745	15.730	0.015	4772	51.4	
26 4-Amino-2,6-dinitrotoluene						
1	16.258	16.190	0.068	4649	61.4	
\$ 30 3,4-Dinitrotoluene						
1	16.695	16.726	-0.031	3305	58.7	
2	16.721	16.693	0.028	6464	62.6	
6 2-Amino-4,6-dinitrotoluene						
1	17.215	17.153	0.062	5085	60.8	
12 2,6-Dinitrotoluene						
1	18.838	18.890	-0.052	3513	59.0	
23 2,4-Dinitrotoluene						
1	19.465	19.383	0.082	5891	61.4	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000023.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.828	22.823	0.005	2635	59.1	
15 p-Nitrotoluene						
1	24.481	24.556	-0.075	3203	59.9	
8 m-Nitrotoluene						
1	26.385	26.256	0.129	3364	62.4	
21 PETN						
2	28.741	28.653	0.088	4446	121.1	

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000023.D

Injection Date: 21-Nov-2012 04:25:48 Limit Group: LC 8330B ICAL

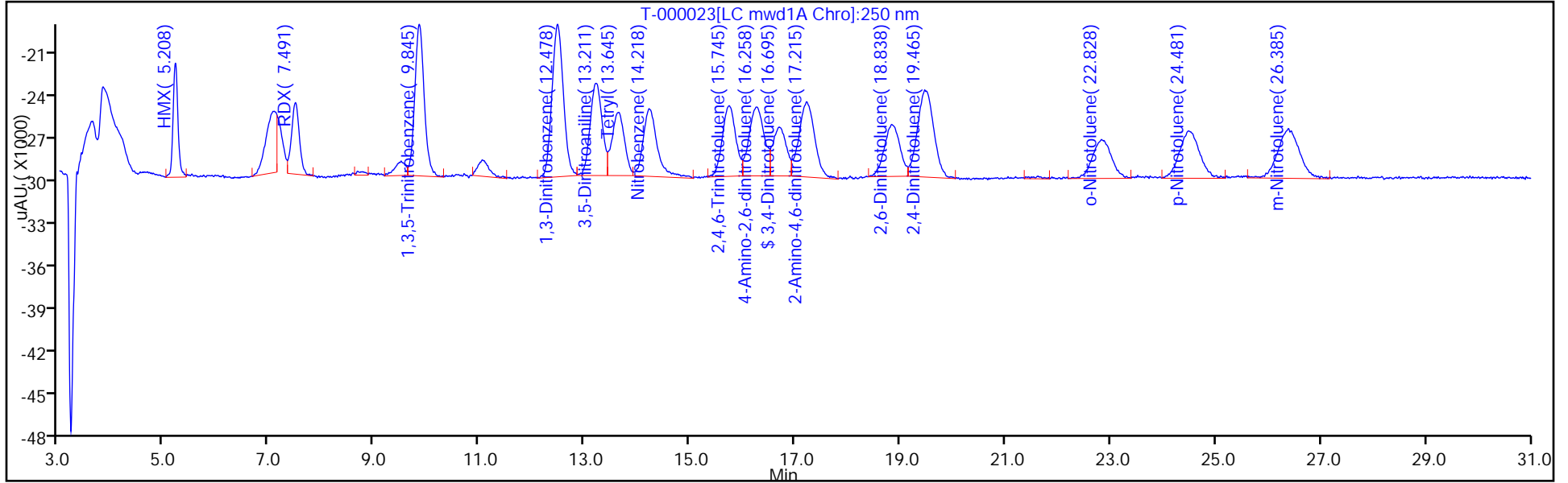
Client ID: 068SS-0003M-0002-SO Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 23

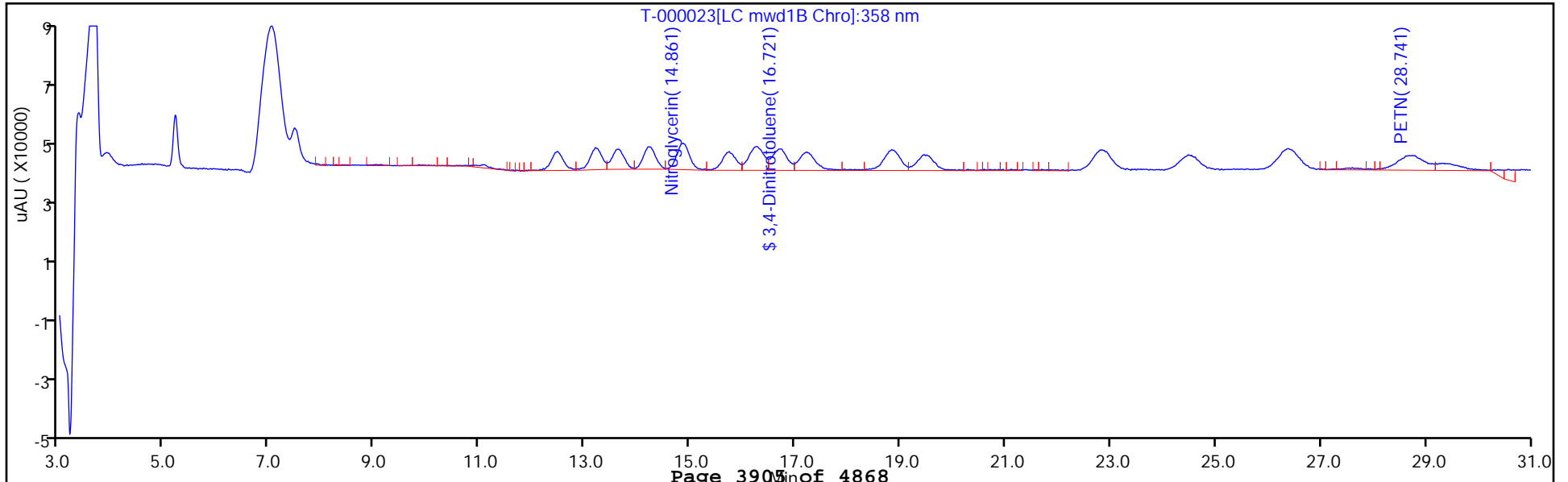
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Client Sample ID: 076SD-0009-0001-SO MSD Lab Sample ID: 240-17317-19 MSD
 Matrix: Solid Lab File ID: T-000029.D
 Analysis Method: 8330B Date Collected: 11/06/2012 18:15
 Extraction Method: 8330B Date Extracted: 11/16/2012 10:46
 Sample wt/vol: 10.00 (g) Date Analyzed: 11/21/2012 08:29
 Con. Extract Vol.: 80 (mL) Dilution Factor: 1
 Injection Volume: 500 (uL) GC Column: Synergi C18 ID: 4.6 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 6177 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.467		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.462		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.506		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.483		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.466		0.25	0.050	0.0073
2691-41-0	HMX	0.500		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.482		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.939		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.482		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.485		0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.469		0.25	0.050	0.018
78-11-5	PETN	0.930	M	0.50	0.25	0.025
121-82-4	RDX	0.462		0.25	0.050	0.012
479-45-8	Tetryl	0.351	J	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.501		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.410		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	87		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000029.D
 Lims ID: 240-17317-E-19-E MSD Client ID: 076SD-0009-0001-SO
 Inject. Date: 21-Nov-2012 08:29:20 Dil. Factor: 1.0000
 Sample Type: MSD
 Sample ID: 320-0001479-029
 Misc. Info.:
 Operator: RN Instrument ID: LC10
 Injection Vol: 500.0 ul ALS Bottle#: 35
 Lims Batch ID: 6177 Lims Sample ID: 29
 Method: \\SACChrom\ChromData\LC10\20121120-1479.b\8330_LC10.m
 Last Update: 21-Nov-2012 12:45:13 Calib Date: 01-Sep-2012 16:31:00
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
 Limit Group: LC 8330B ICAL
 Integrator: Falcon
 Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
 Process Host: XAWRK006

First Level Reviewer: noonanr Date: 21-Nov-2012 12:45:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
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11 HMX						
1	5.200	5.198	0.002	7863	62.5	
19 RDX						
1	7.480	7.488	-0.008	5138	57.7	
27 1,3,5-Trinitrobenzene						
1	9.826	9.845	-0.019	10183	62.6	
24 1,3-Dinitrobenzene						
1	12.447	12.465	-0.018	10234	63.3	
9 3,5-Dinitroaniline						
1	13.157	13.195	-0.038	6089	58.6	
20 Tetryl						
1	13.567	13.635	-0.068	3798	43.9	
5 Nitrobenzene						
1	14.187	14.218	-0.031	4442	60.2	
7 Nitroglycerin						
2	14.830	14.875	-0.045	7618	117.4	
25 2,4,6-Trinitrotoluene						
1	15.697	15.738	-0.041	4758	51.3	
26 4-Amino-2,6-dinitrotoluene						
1	16.203	16.245	-0.042	4378	57.8	
\$ 30 3,4-Dinitrotoluene						
1	16.677	16.702	-0.025	3048	54.1	
2	16.650	16.708	-0.058	6655	64.4	
6 2-Amino-4,6-dinitrotoluene						
1	17.163	17.212	-0.049	4881	58.4	
12 2,6-Dinitrotoluene						
1	18.803	18.852	-0.049	3469	58.2	
23 2,4-Dinitrotoluene						
1	19.443	19.475	-0.032	5790	60.3	

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000029.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.800	22.852	-0.052	2683	60.2	
15 p-Nitrotoluene						
1	24.430	24.502	-0.072	3131	58.6	
8 m-Nitrotoluene						
1	26.370	26.378	-0.008	3268	60.6	
21 PETN						M
2	28.713	28.728	-0.015	4271	116.3	M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000029.D

Injection Date: 21-Nov-2012 08:29:20 Limit Group: LC 8330B ICAL

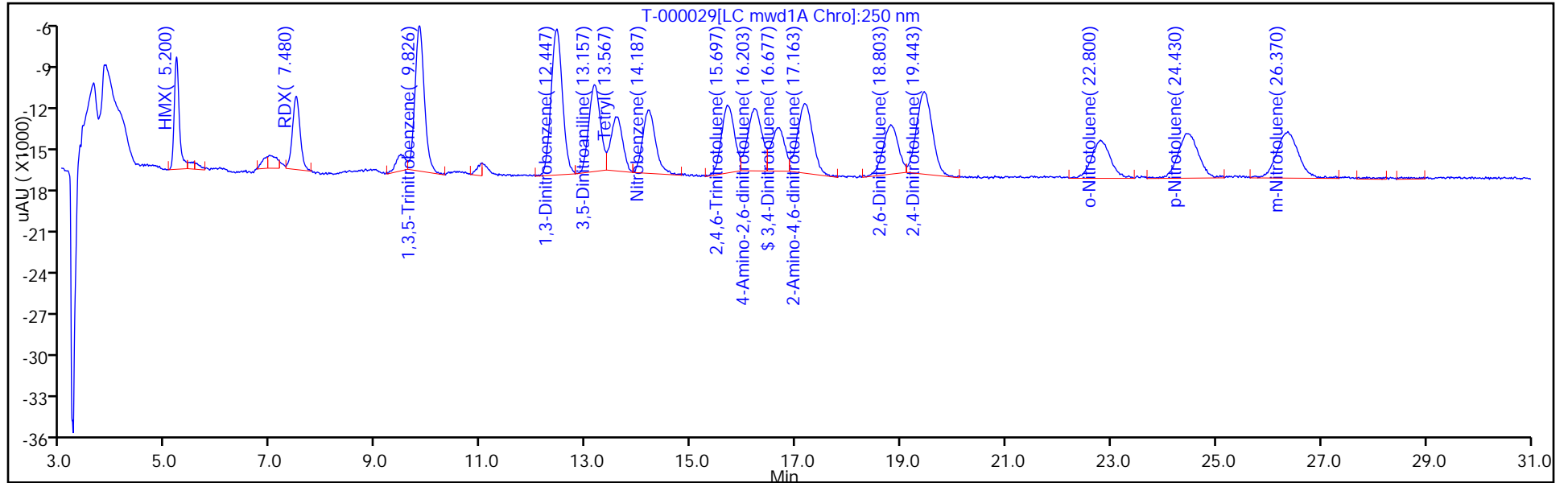
Client ID: 076SD-0009-0001-SO Instrument ID: LC10

Lims Batch ID: 6177 Lims Sample ID: 29

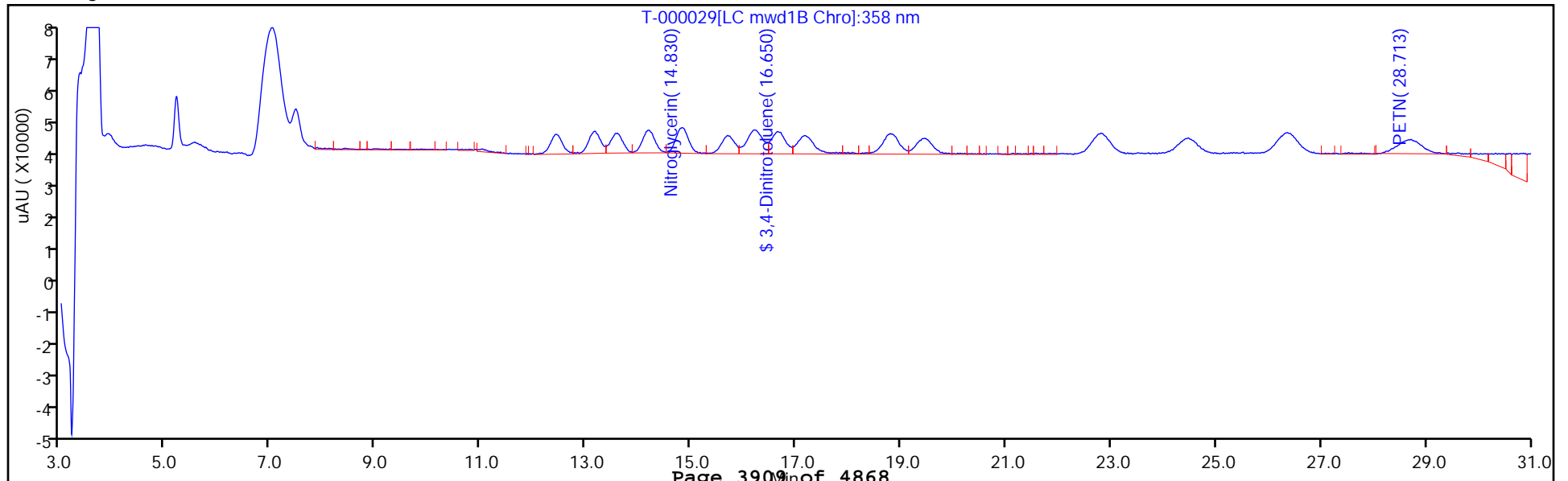
Operator ID: RN Injection Vol: 500.0 ul

Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm

Y Scaling:



Y Scaling:



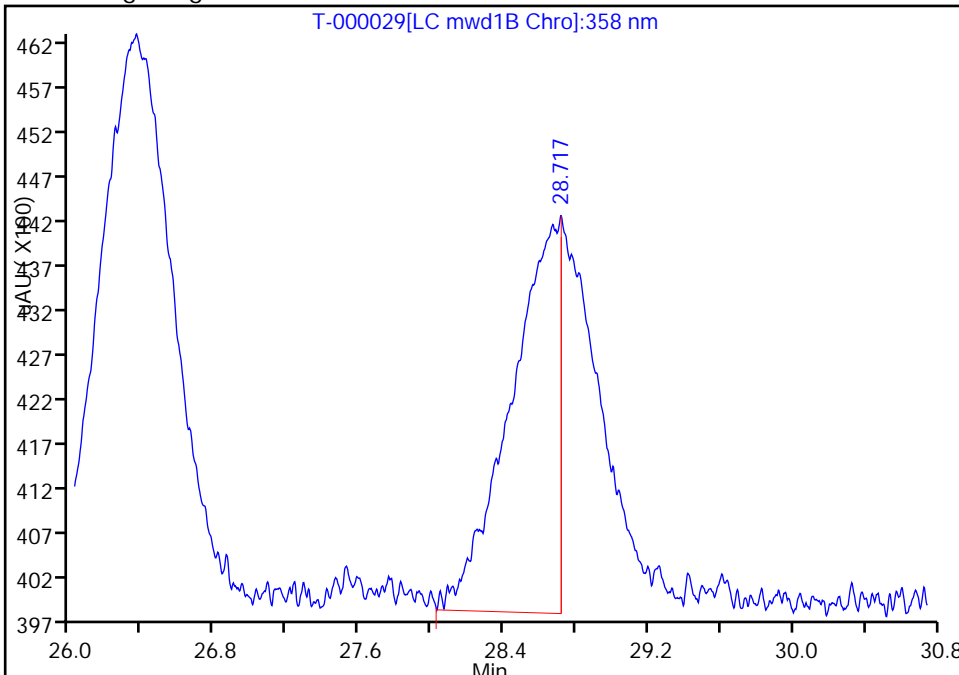
TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\LC10\20121120-1479.b\T-000029.D
Injection Date: 21-Nov-2012 08:29:20 Limit Group: LC 8330B ICAL
Client ID: 076SD-0009-0001-SO Instrument ID: LC10
Lims Batch ID: 6177 Lims Sample ID: 29
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: 28.73, Det: LC mwd1B

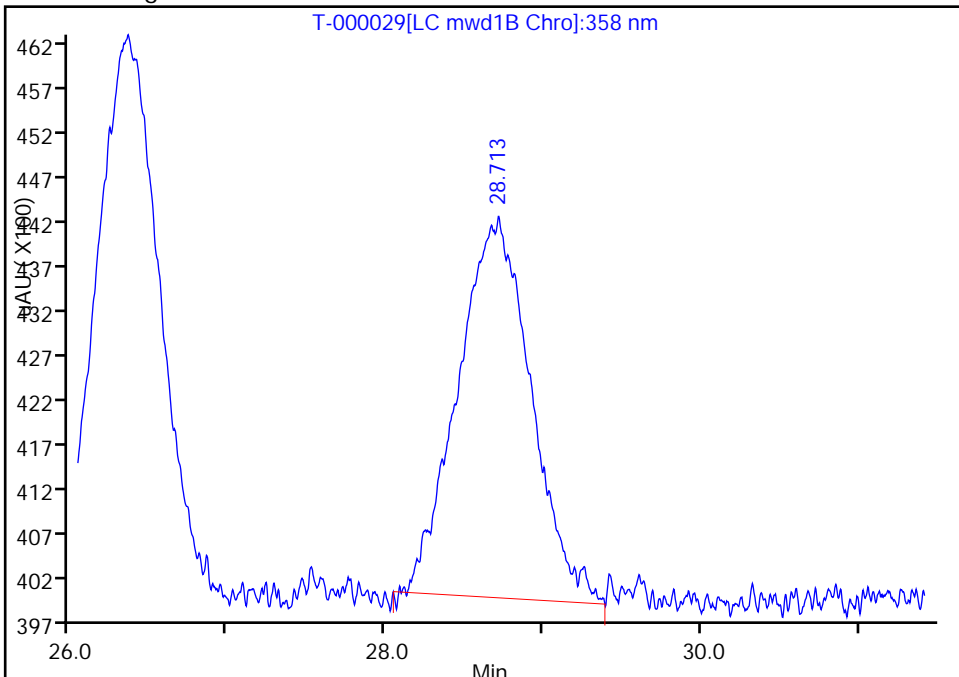
RT: 28.72
Response: 4455
Amount: 121.3081

Processing Integration Results



RT: 28.71
Response: 4271
Amount: 116.2979

Manual Integration Results



Reviewer: noonanr, 21-Nov-2012 12:44:12
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Instrument ID: LC10 Start Date: 09/01/2012 11:10

Analysis Batch Number: 3377 End Date: 09/01/2012 19:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/01/2012 11:10	1		Synergi C18 4.6 (mm)
STD01 320-3377/2 IC		09/01/2012 11:50	1	A-000006.D	Synergi C18 4.6 (mm)
STD02 320-3377/3 IC		09/01/2012 12:30	1	A-000007.D	Synergi C18 4.6 (mm)
STD03 320-3377/4 IC		09/01/2012 13:10	1	A-000008.D	Synergi C18 4.6 (mm)
STD04 320-3377/5 IC		09/01/2012 13:50	1	A-000009.D	Synergi C18 4.6 (mm)
STD05 320-3377/6 IC		09/01/2012 14:30	1	A-000010.D	Synergi C18 4.6 (mm)
STD06 320-3377/7 IC		09/01/2012 15:10	1	A-000011.D	Synergi C18 4.6 (mm)
STD07 320-3377/8 IC		09/01/2012 15:50	1	A-000012.D	Synergi C18 4.6 (mm)
STD08 320-3377/9 IC		09/01/2012 16:31	1	A-000013.D	Synergi C18 4.6 (mm)
ZZZZZ		09/01/2012 17:10	1		Synergi C18 4.6 (mm)
ICV 320-3377/11		09/01/2012 17:51	1	A-000015.D	Synergi C18 4.6 (mm)
ICV 320-3377/12		09/01/2012 18:31	1		
LODV 320-3377/13		09/01/2012 19:11	1	A-000017.D	Synergi C18 4.6 (mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica West SacramentoJob No.: 240-17317-1

SDG No.: _____

Instrument ID: LC10Start Date: 11/20/2012 21:01Analysis Batch Number: 6177End Date: 11/21/2012 17:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD06 320-6177/12 CCVRT		11/20/2012 21:01	1	T-000012.D	Synergi C18 4.6 (mm)
CCVL 320-6177/13		11/20/2012 21:41	1	T-000013.D	Synergi C18 4.6 (mm)
MB 320-6026/1-A		11/20/2012 22:21	1	T-000014.D	Synergi C18 4.6 (mm)
LCS 320-6026/2-A		11/20/2012 23:02	1	T-000015.D	Synergi C18 4.6 (mm)
ZZZZZ		11/20/2012 23:42	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 00:22	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 01:03	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 01:43	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 02:23	1		Synergi C18 4.6 (mm)
240-17317-7	068SS-0003M-0001-SO	11/21/2012 03:04	1	T-000021.D	Synergi C18 4.6 (mm)
240-17317-7 MS	068SS-0003M-0001-SO MS	11/21/2012 03:45	1	T-000022.D	Synergi C18 4.6 (mm)
240-17317-7 MSD	068SS-0003M-0001-SO MSD	11/21/2012 04:25	1	T-000023.D	Synergi C18 4.6 (mm)
STD06 320-6177/24 CCVRT		11/21/2012 05:06	1	T-000024.D	Synergi C18 4.6 (mm)
240-17317-8	068SS-0004M-0001-SO	11/21/2012 05:46	1	T-000025.D	Synergi C18 4.6 (mm)
240-17317-18	076SD-0008-0001-SO	11/21/2012 06:27	1	T-000026.D	Synergi C18 4.6 (mm)
240-17317-19	076SD-0009-0001-SO	11/21/2012 07:08	1	T-000027.D	Synergi C18 4.6 (mm)
240-17317-19 MS	076SD-0009-0001-SO MS	11/21/2012 07:48	1	T-000028.D	Synergi C18 4.6 (mm)
240-17317-19 MSD	076SD-0009-0001-SO MSD	11/21/2012 08:29	1	T-000029.D	Synergi C18 4.6 (mm)
240-17317-20	076SD-0010-0001-SO	11/21/2012 09:09	1	T-000030.D	Synergi C18 4.6 (mm)
240-17317-21	076SD-0011-0001-SO	11/21/2012 09:50	1	T-000031.D	Synergi C18 4.6 (mm)
240-17317-22	076SD-0012-0001-SO	11/21/2012 10:30	1	T-000032.D	Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 11:11	1		Synergi C18 4.6 (mm)
STD06 320-6177/34 CCVRT		11/21/2012 11:51	1	T-000034.D	Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 12:33	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 13:14	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 13:54	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 14:34	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 15:15	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 15:55	1		Synergi C18 4.6 (mm)
ZZZZZ		11/21/2012 16:35	1		Synergi C18 4.6 (mm)
STD06 320-6177/42 CCVRT		11/21/2012 17:16	1		Synergi C18 4.6 (mm)
CCVL 320-6177/43		11/21/2012 17:56	1	T-000043.D	Synergi C18 4.6 (mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Instrument ID: LC12 Start Date: 10/01/2012 12:30

Analysis Batch Number: 4221 End Date: 10/03/2012 00:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD01 320-4221/2 IC		10/01/2012 12:30	1	C-000004.D	Zorbax CN 4.6 (mm)
STD02 320-4221/3 IC		10/01/2012 13:36	1	C-000005.D	Zorbax CN 4.6 (mm)
STD03 320-4221/4 IC		10/01/2012 14:41	1	C-000006.D	Zorbax CN 4.6 (mm)
STD04 320-4221/5 IC		10/01/2012 15:46	1	C-000007.D	Zorbax CN 4.6 (mm)
STD05 320-4221/6 IC		10/01/2012 16:52	1	C-000008.D	Zorbax CN 4.6 (mm)
STD06 320-4221/7 IC		10/01/2012 17:57	1	C-000009.D	Zorbax CN 4.6 (mm)
STD07 320-4221/8 IC		10/01/2012 19:03	1	C-000010.D	Zorbax CN 4.6 (mm)
STD08 320-4221/9 IC		10/01/2012 20:08	1	C-000011.D	Zorbax CN 4.6 (mm)
ZZZZZ		10/01/2012 21:13	1		Zorbax CN 4.6 (mm)
ZZZZZ		10/01/2012 22:19	1		Zorbax CN 4.6 (mm)
ICV 320-4221/12		10/01/2012 23:24	1	C-000014.D	Zorbax CN 4.6 (mm)
LODV 320-4221/13		10/02/2012 00:29	1	C-000015.D	Zorbax CN 4.6 (mm)
CCV 320-4221/22		10/02/2012 10:17	1		Zorbax CN 4.6 (mm)
CCV 320-4221/32		10/02/2012 21:11	1		Zorbax CN 4.6 (mm)
CCV 320-4221/35		10/03/2012 00:27	1		Zorbax CN 4.6 (mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Instrument ID: LC12 Start Date: 11/21/2012 15:48

Analysis Batch Number: 6234 End Date: 11/22/2012 12:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD5 320-6234/3 CCVRT		11/21/2012 15:48	1	U000003.D	Zorbax CN 4.6 (mm)
CCVL 320-6234/4		11/21/2012 16:53	1	U000004.D	Zorbax CN 4.6 (mm)
MB 320-6026/1-A		11/21/2012 17:59	1	U000005.D	Zorbax CN 4.6 (mm)
ZZZZZ		11/21/2012 19:04	1		Zorbax CN 4.6 (mm)
ZZZZZ		11/21/2012 20:10	1		Zorbax CN 4.6 (mm)
ZZZZZ		11/21/2012 21:15	1		Zorbax CN 4.6 (mm)
240-17317-7	068SS-0003M-0001-SO	11/21/2012 22:21	1	U000009.D	Zorbax CN 4.6 (mm)
240-17317-8	068SS-0004M-0001-SO	11/21/2012 23:26	1	U000010.D	Zorbax CN 4.6 (mm)
240-17317-18	076SD-0008-0001-SO	11/22/2012 00:32	1	U000011.D	Zorbax CN 4.6 (mm)
240-17317-19	076SD-0009-0001-SO	11/22/2012 01:37	1	U000012.D	Zorbax CN 4.6 (mm)
240-17317-20	076SD-0010-0001-SO	11/22/2012 02:43	1	U000013.D	Zorbax CN 4.6 (mm)
STD6 320-6234/14 CCVRT		11/22/2012 03:49	1	U000014.D	Zorbax CN 4.6 (mm)
240-17317-21	076SD-0011-0001-SO	11/22/2012 04:54	1	U000015.D	Zorbax CN 4.6 (mm)
240-17317-22	076SD-0012-0001-SO	11/22/2012 06:00	1	U000016.D	Zorbax CN 4.6 (mm)
ZZZZZ		11/22/2012 07:05	1		Zorbax CN 4.6 (mm)
ZZZZZ		11/22/2012 08:11	1		Zorbax CN 4.6 (mm)
ZZZZZ		11/22/2012 09:16	1		Zorbax CN 4.6 (mm)
ZZZZZ		11/22/2012 10:22	1		Zorbax CN 4.6 (mm)
CCVL 320-6234/21		11/22/2012 11:27	1	U000021.D	Zorbax CN 4.6 (mm)
STD6 320-6234/22 CCVRT		11/22/2012 12:33	1	U000022.D	Zorbax CN 4.6 (mm)

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6026 Batch Start Date: 11/16/12 10:46 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 11/19/12 14:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HP34DNTSU 00007	HP8330SP 00008	HPNGSP 00006	HPPETNSP 00005
MB 320-6026/1		8330B, 8330B		10.00 g	80 mL	100 uL			
LCS 320-6026/2		8330B, 8330B		10.00 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17317-P-7	068SS-0003M-0001 -SO	8330B, 8330B	T	10.00 g	80 mL	100 uL			
240-17317-P-7 MS	068SS-0003M-0001 -SO	8330B, 8330B	T	10.10 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17317-P-7 MSD	068SS-0003M-0001 -SO	8330B, 8330B	T	10.07 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17317-F-8	068SS-0004M-0001 -SO	8330B, 8330B	T	10.01 g	80 mL	100 uL			
240-17317-C-18	076SD-0008-0001- SO	8330B, 8330B	T	10.00 g	80 mL	100 uL			
240-17317-E-19	076SD-0009-0001- SO	8330B, 8330B	T	10.07 g	80 mL	100 uL			
240-17317-E-19 MS	076SD-0009-0001- SO	8330B, 8330B	T	10.07 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17317-E-19 MSD	076SD-0009-0001- SO	8330B, 8330B	T	10.00 g	80 mL	100 uL	100 uL	200 uL	200 uL
240-17317-C-20	076SD-0010-0001- SO	8330B, 8330B	T	10.03 g	80 mL	100 uL			
240-17317-C-21	076SD-0011-0001- SO	8330B, 8330B	T	10.35 g	80 mL	100 uL			
240-17317-C-22	076SD-0012-0001- SO	8330B, 8330B	T	10.26 g	80 mL	100 uL			

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6026 Batch Start Date: 11/16/12 10:46 Batch Analyst: Phan, Tuan

Batch Method: 8330B Batch End Date: 11/19/12 14:35

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	CaCL2_00003
Person's name who did the concentration	HA
Date of Clean up	11-19-12
Analyst performed Clean Up	HA
Diluting Solvent Lot #	1.3G/L CaCL2
Date Dilution Performed	11-19-12
Analyst performing Dilution	HA
Filter Lot #	R2DA02309
Filter Type	.45 FILTER MILLIPORE
Minumum Temperature	0
Prep Solvent Volume Used	20 mL
Person's name who witnessed reagent drop	JR
Blank Sand Lot #	FISHER 120571
Solvent Lot #	HPHOAC/ACN_00002
Solvent Name	0.1% HOAC/ACN
Sonication Start Time	13:30 11-16-12
Sonication Stop Time	07:30 11-17-12
SOP Number	WS-LC-0009
Maximum Temperature	35

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Canton

Job Number: 240-17317-1

SDG No.: _____

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
<u>076SS-0002M-0001-SO</u>	<u>240-17317-1</u>
<u>076SS-0001M-0001-SO</u>	<u>240-17317-2</u>
<u>076SS-0005M-0001-SO</u>	<u>240-17317-3</u>
<u>076SS-0006M-0001-SO</u>	<u>240-17317-4</u>
<u>068SS-0001M-0001-SO</u>	<u>240-17317-5</u>
<u>068SS-0002M-0001-SO</u>	<u>240-17317-6</u>
<u>068SS-0003M-0001-SO</u>	<u>240-17317-7</u>
<u>068SS-0004M-0001-SO</u>	<u>240-17317-8</u>
<u>076SS-0004M-0001-SO</u>	<u>240-17317-9</u>
<u>076SS-0003M-0001-SO</u>	<u>240-17317-10</u>
<u>068SS-0005M-0001-SO</u>	<u>240-17317-14</u>
<u>068SS-0006M-0001-SO</u>	<u>240-17317-15</u>
<u>068SS-0007M-0001-SO</u>	<u>240-17317-16</u>
<u>068SS-0008M-0001-SO</u>	<u>240-17317-17</u>
<u>076SD-0008-0001-SO</u>	<u>240-17317-18</u>
<u>076SD-0009-0001-SO</u>	<u>240-17317-19</u>
<u>076SD-0010-0001-SO</u>	<u>240-17317-20</u>
<u>076SD-0011-0001-SO</u>	<u>240-17317-21</u>
<u>076SD-0012-0001-SO</u>	<u>240-17317-22</u>
<u>079SS-0002M-0001-SO</u>	<u>240-17317-23</u>
<u>079SS-0001M-0001-SO</u>	<u>240-17317-24</u>

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0002M-0001-SO

Lab Sample ID: 240-17317-1

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 08:40

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	8900	9.5	3.8	2.4	mg/Kg			1	6020/DOD
Antimony	0.43	0.95	0.71	0.30	mg/Kg	J	D	5	6020/DOD
Arsenic	15	0.48	0.14	0.050	mg/Kg			1	6020/DOD
Barium	62	2.4	1.4	0.62	mg/Kg		D	5	6020/DOD
Beryllium	0.66	0.095	0.0095	0.0033	mg/Kg			1	6020/DOD
Cadmium	0.33	0.19	0.0095	0.0030	mg/Kg			1	6020/DOD
Calcium	4500	190	95	38	mg/Kg			1	6020/DOD
Chromium	17	0.48	0.43	0.15	mg/Kg			1	6020/DOD
Cobalt	7.5	0.095	0.014	0.0043	mg/Kg			1	6020/DOD
Copper	20	0.38	0.29	0.10	mg/Kg			1	6020/DOD
Iron	20000	48	29	10	mg/Kg			1	6020/DOD
Lead	37	1.4	0.95	0.34	mg/Kg		D	5	6020/DOD
Magnesium	2400	95	24	8.5	mg/Kg			1	6020/DOD
Manganese	460	0.48	0.38	0.15	mg/Kg			1	6020/DOD
Nickel	24	0.48	0.24	0.082	mg/Kg			1	6020/DOD
Potassium	650	95	9.5	3.6	mg/Kg			1	6020/DOD
Selenium	0.71	0.48	0.057	0.020	mg/Kg			1	6020/DOD
Silver	0.046	0.095	0.048	0.015	mg/Kg	J		1	6020/DOD
Sodium	47	95	38	13	mg/Kg	J		1	6020/DOD
Thallium	0.71	0.95	0.71	0.27	mg/Kg	U		5	6020/DOD
Vanadium	15	0.48	0.095	0.041	mg/Kg			1	6020/DOD
Zinc	61	3.8	1.9	0.95	mg/Kg			1	6020/DOD
Hg	0.099	0.11	0.036	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

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

Lab Sample ID: 240-17317-2

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 09:23

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	13000	8.2	3.3	2.0	mg/Kg			1	6020/DOD
Antimony	0.31	0.16	0.12	0.051	mg/Kg			1	6020/DOD
Arsenic	12	0.41	0.12	0.043	mg/Kg			1	6020/DOD
Barium	130	0.41	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	1.7	0.082	0.0082	0.0029	mg/Kg			1	6020/DOD
Cadmium	1.1	0.16	0.0082	0.0025	mg/Kg			1	6020/DOD
Calcium	44000	820	410	160	mg/Kg		D	5	6020/DOD
Chromium	27	0.41	0.37	0.13	mg/Kg			1	6020/DOD
Cobalt	6.1	0.082	0.012	0.0037	mg/Kg			1	6020/DOD
Copper	17	0.33	0.25	0.090	mg/Kg			1	6020/DOD
Iron	20000	41	25	8.9	mg/Kg			1	6020/DOD
Lead	55	0.25	0.16	0.058	mg/Kg			1	6020/DOD
Magnesium	7400	82	20	7.3	mg/Kg			1	6020/DOD
Manganese	1300	2.0	1.6	0.66	mg/Kg		D	5	6020/DOD
Nickel	27	0.41	0.20	0.071	mg/Kg			1	6020/DOD
Potassium	840	82	8.2	3.1	mg/Kg			1	6020/DOD
Selenium	0.87	0.41	0.049	0.017	mg/Kg			1	6020/DOD
Silver	0.047	0.082	0.041	0.013	mg/Kg	J		1	6020/DOD
Sodium	180	82	33	11	mg/Kg			1	6020/DOD
Thallium	0.17	0.16	0.12	0.046	mg/Kg			1	6020/DOD
Vanadium	14	0.41	0.082	0.035	mg/Kg			1	6020/DOD
Zinc	86	3.3	1.6	0.82	mg/Kg			1	6020/DOD
Hg	0.084	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0005M-0001-SO

Lab Sample ID: 240-17317-3

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:30

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	17000	8.5	3.4	2.1	mg/Kg			1	6020/DOD
Antimony	0.23	0.17	0.13	0.053	mg/Kg			1	6020/DOD
Arsenic	7.8	0.43	0.13	0.045	mg/Kg			1	6020/DOD
Barium	170	0.43	0.26	0.11	mg/Kg			1	6020/DOD
Beryllium	2.1	0.085	0.0085	0.0030	mg/Kg			1	6020/DOD
Cadmium	0.30	0.17	0.0085	0.0026	mg/Kg			1	6020/DOD
Calcium	78000	1700	850	340	mg/Kg		D	10	6020/DOD
Chromium	24	0.43	0.38	0.14	mg/Kg			1	6020/DOD
Cobalt	5.3	0.085	0.013	0.0038	mg/Kg			1	6020/DOD
Copper	10	0.34	0.26	0.094	mg/Kg			1	6020/DOD
Iron	15000	43	26	9.3	mg/Kg			1	6020/DOD
Lead	63	0.26	0.17	0.060	mg/Kg			1	6020/DOD
Magnesium	11000	850	210	76	mg/Kg		D	10	6020/DOD
Manganese	1900	4.3	3.4	1.4	mg/Kg		D	10	6020/DOD
Nickel	16	0.43	0.21	0.074	mg/Kg			1	6020/DOD
Potassium	1100	85	8.5	3.2	mg/Kg			1	6020/DOD
Selenium	1.2	0.43	0.051	0.018	mg/Kg			1	6020/DOD
Silver	0.037	0.085	0.043	0.014	mg/Kg	J		1	6020/DOD
Sodium	330	85	34	12	mg/Kg			1	6020/DOD
Thallium	0.14	0.17	0.13	0.048	mg/Kg	J		1	6020/DOD
Vanadium	16	0.43	0.085	0.037	mg/Kg			1	6020/DOD
Zinc	70	3.4	1.7	0.85	mg/Kg			1	6020/DOD
Hg	0.071	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0006M-0001-SO

Lab Sample ID: 240-17317-4

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:00

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	11000	7.8	3.1	1.9	mg/Kg			1	6020/DOD
Antimony	0.16	0.16	0.12	0.048	mg/Kg			1	6020/DOD
Arsenic	8.7	0.39	0.12	0.040	mg/Kg			1	6020/DOD
Barium	140	0.39	0.23	0.10	mg/Kg			1	6020/DOD
Beryllium	1.8	0.078	0.0078	0.0027	mg/Kg			1	6020/DOD
Cadmium	0.33	0.16	0.0078	0.0024	mg/Kg			1	6020/DOD
Calcium	57000	1600	780	310	mg/Kg		D	10	6020/DOD
Chromium	27	0.39	0.35	0.12	mg/Kg			1	6020/DOD
Cobalt	3.7	0.078	0.012	0.0035	mg/Kg			1	6020/DOD
Copper	11	0.31	0.23	0.085	mg/Kg			1	6020/DOD
Iron	12000	39	23	8.5	mg/Kg			1	6020/DOD
Lead	46	0.23	0.16	0.055	mg/Kg			1	6020/DOD
Magnesium	6600	78	19	6.9	mg/Kg			1	6020/DOD
Manganese	1500	3.9	3.1	1.2	mg/Kg		D	10	6020/DOD
Nickel	19	0.39	0.19	0.067	mg/Kg			1	6020/DOD
Potassium	840	78	7.8	2.9	mg/Kg			1	6020/DOD
Selenium	1.0	0.39	0.047	0.016	mg/Kg			1	6020/DOD
Silver	0.039	0.078	0.039	0.012	mg/Kg	J		1	6020/DOD
Sodium	280	78	31	11	mg/Kg			1	6020/DOD
Thallium	0.12	0.16	0.12	0.044	mg/Kg	J		1	6020/DOD
Vanadium	8.5	0.39	0.078	0.033	mg/Kg			1	6020/DOD
Zinc	54	3.1	1.6	0.78	mg/Kg			1	6020/DOD
Hg	0.048	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0001M-0001-SO

Lab Sample ID: 240-17317-5

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 12:40

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	13000	9.3	3.7	2.3	mg/Kg			1	6020/DOD
Antimony	0.22	0.19	0.14	0.058	mg/Kg			1	6020/DOD
Arsenic	9.3	0.47	0.14	0.049	mg/Kg			1	6020/DOD
Barium	95	0.47	0.28	0.12	mg/Kg			1	6020/DOD
Beryllium	0.90	0.093	0.0093	0.0033	mg/Kg			1	6020/DOD
Cadmium	0.28	0.19	0.0093	0.0029	mg/Kg			1	6020/DOD
Calcium	29000	370	190	75	mg/Kg			2	6020/DOD
Chromium	21	0.47	0.42	0.15	mg/Kg			1	6020/DOD
Cobalt	7.8	0.093	0.014	0.0042	mg/Kg			1	6020/DOD
Copper	16	0.37	0.28	0.10	mg/Kg			1	6020/DOD
Iron	23000	47	28	10	mg/Kg			1	6020/DOD
Lead	21	0.28	0.19	0.066	mg/Kg			1	6020/DOD
Magnesium	4700	93	23	8.3	mg/Kg			1	6020/DOD
Manganese	820	0.93	0.75	0.30	mg/Kg			2	6020/DOD
Nickel	22	0.47	0.23	0.081	mg/Kg			1	6020/DOD
Potassium	1100	93	9.3	3.5	mg/Kg			1	6020/DOD
Selenium	0.60	0.47	0.056	0.019	mg/Kg			1	6020/DOD
Silver	0.033	0.093	0.047	0.015	mg/Kg	J		1	6020/DOD
Sodium	96	93	37	13	mg/Kg			1	6020/DOD
Thallium	0.15	0.19	0.14	0.053	mg/Kg	J		1	6020/DOD
Vanadium	19	0.47	0.093	0.040	mg/Kg			1	6020/DOD
Zinc	90	3.7	1.9	0.93	mg/Kg			1	6020/DOD
Hg	0.13	0.11	0.035	0.015	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0002M-0001-SO

Lab Sample ID: 240-17317-6

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 12:10

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	11000	8.5	3.4	2.1	mg/Kg			1	6020/DOD
Antimony	0.12	0.17	0.13	0.053	mg/Kg	J		1	6020/DOD
Arsenic	11	0.42	0.13	0.044	mg/Kg			1	6020/DOD
Barium	84	0.42	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	0.80	0.085	0.0085	0.0030	mg/Kg			1	6020/DOD
Cadmium	0.19	0.17	0.0085	0.0026	mg/Kg			1	6020/DOD
Calcium	35000	850	420	170	mg/Kg		D	5	6020/DOD
Chromium	18	0.42	0.38	0.14	mg/Kg			1	6020/DOD
Cobalt	7.4	0.085	0.013	0.0038	mg/Kg			1	6020/DOD
Copper	14	0.34	0.25	0.093	mg/Kg			1	6020/DOD
Iron	20000	42	25	9.2	mg/Kg			1	6020/DOD
Lead	17	0.25	0.17	0.060	mg/Kg			1	6020/DOD
Magnesium	4000	85	21	7.5	mg/Kg			1	6020/DOD
Manganese	690	2.1	1.7	0.68	mg/Kg		D	5	6020/DOD
Nickel	24	0.42	0.21	0.073	mg/Kg			1	6020/DOD
Potassium	850	85	8.5	3.2	mg/Kg			1	6020/DOD
Selenium	0.64	0.42	0.051	0.018	mg/Kg			1	6020/DOD
Silver	0.031	0.085	0.042	0.014	mg/Kg	J		1	6020/DOD
Sodium	82	85	34	12	mg/Kg	J		1	6020/DOD
Thallium	0.15	0.17	0.13	0.048	mg/Kg	J		1	6020/DOD
Vanadium	16	0.42	0.085	0.037	mg/Kg			1	6020/DOD
Zinc	74	3.4	1.7	0.85	mg/Kg			1	6020/DOD
Hg	0.13	0.11	0.036	0.015	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0003M-0001-SO

Lab Sample ID: 240-17317-7

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 12:00

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	13000	8.5	3.4	2.1	mg/Kg		J	1	6020/DOD
Antimony	0.64	0.85	0.64	0.26	mg/Kg	U	J	5	6020/DOD
Arsenic	12	0.43	0.13	0.045	mg/Kg			1	6020/DOD
Barium	95	2.1	1.3	0.56	mg/Kg		D J	5	6020/DOD
Beryllium	0.87	0.085	0.0085	0.0030	mg/Kg			1	6020/DOD
Cadmium	0.12	0.17	0.0085	0.0026	mg/Kg	J		1	6020/DOD
Calcium	3900	170	85	34	mg/Kg		J	1	6020/DOD
Chromium	22	0.43	0.38	0.14	mg/Kg			1	6020/DOD
Cobalt	13	0.085	0.013	0.0038	mg/Kg			1	6020/DOD
Copper	18	0.34	0.26	0.094	mg/Kg			1	6020/DOD
Iron	31000	210	130	47	mg/Kg		D J	5	6020/DOD
Lead	18	1.3	0.85	0.30	mg/Kg		D	5	6020/DOD
Magnesium	3700	85	21	7.6	mg/Kg			1	6020/DOD
Manganese	520	2.1	1.7	0.68	mg/Kg		D J	5	6020/DOD
Nickel	28	0.43	0.21	0.074	mg/Kg			1	6020/DOD
Potassium	1200	85	8.5	3.2	mg/Kg		J	1	6020/DOD
Selenium	0.57	0.43	0.051	0.018	mg/Kg			1	6020/DOD
Silver	0.029	0.085	0.043	0.014	mg/Kg	J		1	6020/DOD
Sodium	52	85	34	12	mg/Kg	J		1	6020/DOD
Thallium	0.64	0.85	0.64	0.24	mg/Kg	U		5	6020/DOD
Vanadium	21	0.43	0.085	0.037	mg/Kg			1	6020/DOD
Zinc	63	3.4	1.7	0.85	mg/Kg			1	6020/DOD
Hg	0.046	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0004M-0001-SO

Lab Sample ID: 240-17317-8

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 12:00

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	16000	40	16	9.9	mg/Kg		D	5	6020/DOD
Antimony	0.60	0.79	0.60	0.25	mg/Kg	U		5	6020/DOD
Arsenic	11	0.40	0.12	0.041	mg/Kg			1	6020/DOD
Barium	83	2.0	1.2	0.52	mg/Kg		D	5	6020/DOD
Beryllium	0.83	0.079	0.0079	0.0028	mg/Kg			1	6020/DOD
Cadmium	0.10	0.16	0.0079	0.0025	mg/Kg	J		1	6020/DOD
Calcium	3900	160	79	32	mg/Kg			1	6020/DOD
Chromium	24	2.0	1.8	0.63	mg/Kg		D	5	6020/DOD
Cobalt	11	0.40	0.060	0.018	mg/Kg		D	5	6020/DOD
Copper	22	1.6	1.2	0.44	mg/Kg		D	5	6020/DOD
Iron	29000	200	120	43	mg/Kg		D	5	6020/DOD
Lead	16	1.2	0.79	0.28	mg/Kg		D	5	6020/DOD
Magnesium	4500	400	99	35	mg/Kg		D	5	6020/DOD
Manganese	280	0.40	0.32	0.13	mg/Kg			1	6020/DOD
Nickel	33	2.0	0.99	0.34	mg/Kg		D	5	6020/DOD
Potassium	1600	79	7.9	3.0	mg/Kg			1	6020/DOD
Selenium	0.56	0.40	0.048	0.016	mg/Kg			1	6020/DOD
Silver	0.030	0.079	0.040	0.013	mg/Kg	J		1	6020/DOD
Sodium	72	400	160	56	mg/Kg	J	D	5	6020/DOD
Thallium	0.26	0.79	0.60	0.22	mg/Kg	J	D	5	6020/DOD
Vanadium	24	2.0	0.40	0.17	mg/Kg		D	5	6020/DOD
Zinc	74	16	7.9	4.0	mg/Kg		D	5	6020/DOD
Hg	0.048	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0004M-0001-SO

Lab Sample ID: 240-17317-9

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 10:00

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	9800	9.9	4.0	2.5	mg/Kg			1	6020/DOD
Antimony	0.21	0.20	0.15	0.061	mg/Kg			1	6020/DOD
Arsenic	15	0.50	0.15	0.052	mg/Kg			1	6020/DOD
Barium	73	0.50	0.30	0.13	mg/Kg			1	6020/DOD
Beryllium	0.82	0.099	0.0099	0.0035	mg/Kg			1	6020/DOD
Cadmium	0.59	0.20	0.0099	0.0031	mg/Kg			1	6020/DOD
Calcium	9700	200	99	40	mg/Kg			1	6020/DOD
Chromium	22	0.50	0.45	0.16	mg/Kg			1	6020/DOD
Cobalt	7.0	0.099	0.015	0.0045	mg/Kg			1	6020/DOD
Copper	18	0.40	0.30	0.11	mg/Kg			1	6020/DOD
Iron	22000	50	30	11	mg/Kg			1	6020/DOD
Lead	33	0.30	0.20	0.070	mg/Kg			1	6020/DOD
Magnesium	3000	99	25	8.8	mg/Kg			1	6020/DOD
Manganese	690	2.5	2.0	0.79	mg/Kg		D	5	6020/DOD
Nickel	22	0.50	0.25	0.086	mg/Kg			1	6020/DOD
Potassium	710	99	9.9	3.7	mg/Kg			1	6020/DOD
Selenium	0.65	0.50	0.059	0.020	mg/Kg			1	6020/DOD
Silver	0.051	0.099	0.050	0.016	mg/Kg	J		1	6020/DOD
Sodium	74	99	40	14	mg/Kg	J		1	6020/DOD
Thallium	0.18	0.20	0.15	0.056	mg/Kg	J		1	6020/DOD
Vanadium	16	0.50	0.099	0.043	mg/Kg			1	6020/DOD
Zinc	97	4.0	2.0	0.99	mg/Kg			1	6020/DOD
Hg	0.060	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SS-0003M-0001-SO

Lab Sample ID: 240-17317-10

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 09:20

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	9100	8.9	3.6	2.2	mg/Kg			1	6020/DOD
Antimony	0.24	0.18	0.13	0.055	mg/Kg			1	6020/DOD
Arsenic	13	0.45	0.13	0.047	mg/Kg			1	6020/DOD
Barium	98	0.45	0.27	0.12	mg/Kg			1	6020/DOD
Beryllium	0.64	0.089	0.0089	0.0031	mg/Kg			1	6020/DOD
Cadmium	0.47	0.18	0.0089	0.0028	mg/Kg			1	6020/DOD
Calcium	6800	180	89	36	mg/Kg			1	6020/DOD
Chromium	22	0.45	0.40	0.14	mg/Kg			1	6020/DOD
Cobalt	7.3	0.089	0.013	0.0040	mg/Kg			1	6020/DOD
Copper	17	0.36	0.27	0.098	mg/Kg			1	6020/DOD
Iron	22000	45	27	9.7	mg/Kg			1	6020/DOD
Lead	34	0.27	0.18	0.063	mg/Kg			1	6020/DOD
Magnesium	2700	89	22	7.9	mg/Kg			1	6020/DOD
Manganese	580	2.2	1.8	0.71	mg/Kg		D	5	6020/DOD
Nickel	24	0.45	0.22	0.077	mg/Kg			1	6020/DOD
Potassium	690	89	8.9	3.4	mg/Kg			1	6020/DOD
Selenium	0.57	0.45	0.054	0.018	mg/Kg			1	6020/DOD
Silver	0.052	0.089	0.045	0.014	mg/Kg	J		1	6020/DOD
Sodium	54	89	36	13	mg/Kg	J		1	6020/DOD
Thallium	0.15	0.18	0.13	0.050	mg/Kg	J		1	6020/DOD
Vanadium	16	0.45	0.089	0.039	mg/Kg			1	6020/DOD
Zinc	96	3.6	1.8	0.89	mg/Kg			1	6020/DOD
Hg	0.062	0.11	0.036	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0005M-0001-SO

Lab Sample ID: 240-17317-14

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 13:50

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	11000	7.8	3.1	1.9	mg/Kg			1	6020/DOD
Antimony	0.088	0.16	0.12	0.048	mg/Kg	J		1	6020/DOD
Arsenic	16	0.39	0.12	0.041	mg/Kg			1	6020/DOD
Barium	81	0.39	0.23	0.10	mg/Kg			1	6020/DOD
Beryllium	0.79	0.078	0.0078	0.0027	mg/Kg			1	6020/DOD
Cadmium	0.18	0.16	0.0078	0.0024	mg/Kg			1	6020/DOD
Calcium	22000	160	78	31	mg/Kg			1	6020/DOD
Chromium	18	0.39	0.35	0.13	mg/Kg			1	6020/DOD
Cobalt	7.5	0.078	0.012	0.0035	mg/Kg			1	6020/DOD
Copper	13	0.31	0.23	0.086	mg/Kg			1	6020/DOD
Iron	23000	39	23	8.5	mg/Kg			1	6020/DOD
Lead	12	0.23	0.16	0.055	mg/Kg			1	6020/DOD
Magnesium	3100	78	20	7.0	mg/Kg			1	6020/DOD
Manganese	990	3.9	3.1	1.3	mg/Kg		D	10	6020/DOD
Nickel	18	0.39	0.20	0.068	mg/Kg			1	6020/DOD
Potassium	760	78	7.8	2.9	mg/Kg			1	6020/DOD
Selenium	0.53	0.39	0.047	0.016	mg/Kg			1	6020/DOD
Silver	0.025	0.078	0.039	0.013	mg/Kg	J		1	6020/DOD
Sodium	66	78	31	11	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.16	0.12	0.044	mg/Kg	J		1	6020/DOD
Vanadium	18	0.39	0.078	0.034	mg/Kg			1	6020/DOD
Zinc	210	31	16	7.8	mg/Kg		D	10	6020/DOD
Hg	0.049	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0006M-0001-SO

Lab Sample ID: 240-17317-15

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 15:45

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	10000	8.4	3.4	2.1	mg/Kg			1	6020/DOD
Antimony	0.11	0.17	0.13	0.052	mg/Kg	J		1	6020/DOD
Arsenic	12	0.42	0.13	0.044	mg/Kg			1	6020/DOD
Barium	73	0.42	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	0.62	0.084	0.0084	0.0029	mg/Kg			1	6020/DOD
Cadmium	0.24	0.17	0.0084	0.0026	mg/Kg			1	6020/DOD
Calcium	6100	170	84	34	mg/Kg			1	6020/DOD
Chromium	18	0.42	0.38	0.13	mg/Kg			1	6020/DOD
Cobalt	9.7	0.084	0.013	0.0038	mg/Kg			1	6020/DOD
Copper	24	0.34	0.25	0.092	mg/Kg			1	6020/DOD
Iron	21000	42	25	9.2	mg/Kg			1	6020/DOD
Lead	15	0.25	0.17	0.059	mg/Kg			1	6020/DOD
Magnesium	2500	84	21	7.5	mg/Kg			1	6020/DOD
Manganese	1300	4.2	3.4	1.3	mg/Kg		D	10	6020/DOD
Nickel	22	0.42	0.21	0.073	mg/Kg			1	6020/DOD
Potassium	750	84	8.4	3.2	mg/Kg			1	6020/DOD
Selenium	0.59	0.42	0.050	0.017	mg/Kg			1	6020/DOD
Silver	0.033	0.084	0.042	0.013	mg/Kg	J		1	6020/DOD
Sodium	46	84	34	12	mg/Kg	J		1	6020/DOD
Thallium	0.16	0.17	0.13	0.047	mg/Kg	J		1	6020/DOD
Vanadium	18	0.42	0.084	0.036	mg/Kg			1	6020/DOD
Zinc	110	3.4	1.7	0.84	mg/Kg			1	6020/DOD
Hg	0.059	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0007M-0001-SO

Lab Sample ID: 240-17317-16

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 16:15

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	12000	8.2	3.3	2.0	mg/Kg			1	6020/DOD
Antimony	0.095	0.16	0.12	0.051	mg/Kg	J		1	6020/DOD
Arsenic	10	0.41	0.12	0.043	mg/Kg			1	6020/DOD
Barium	79	0.41	0.25	0.11	mg/Kg			1	6020/DOD
Beryllium	0.65	0.082	0.0082	0.0029	mg/Kg			1	6020/DOD
Cadmium	0.13	0.16	0.0082	0.0025	mg/Kg	J		1	6020/DOD
Calcium	4600	160	82	33	mg/Kg			1	6020/DOD
Chromium	17	0.41	0.37	0.13	mg/Kg			1	6020/DOD
Cobalt	9.4	0.082	0.012	0.0037	mg/Kg			1	6020/DOD
Copper	11	0.33	0.25	0.090	mg/Kg			1	6020/DOD
Iron	22000	41	25	8.9	mg/Kg			1	6020/DOD
Lead	14	0.25	0.16	0.058	mg/Kg			1	6020/DOD
Magnesium	2500	82	20	7.3	mg/Kg			1	6020/DOD
Manganese	1100	4.1	3.3	1.3	mg/Kg		D	10	6020/DOD
Nickel	16	0.41	0.20	0.071	mg/Kg			1	6020/DOD
Potassium	790	82	8.2	3.1	mg/Kg			1	6020/DOD
Selenium	0.58	0.41	0.049	0.017	mg/Kg			1	6020/DOD
Silver	0.044	0.082	0.041	0.013	mg/Kg	J		1	6020/DOD
Sodium	42	82	33	11	mg/Kg	J		1	6020/DOD
Thallium	0.16	0.16	0.12	0.046	mg/Kg			1	6020/DOD
Vanadium	22	0.41	0.082	0.035	mg/Kg			1	6020/DOD
Zinc	53	3.3	1.6	0.82	mg/Kg			1	6020/DOD
Hg	0.068	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 068SS-0008M-0001-SO

Lab Sample ID: 240-17317-17

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 15:10

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	13000	8.0	3.2	2.0	mg/Kg			1	6020/DOD
Antimony	0.60	0.80	0.60	0.25	mg/Kg	U		5	6020/DOD
Arsenic	13	0.40	0.12	0.042	mg/Kg			1	6020/DOD
Barium	89	2.0	1.2	0.52	mg/Kg		D	5	6020/DOD
Beryllium	1.0	0.080	0.0080	0.0028	mg/Kg			1	6020/DOD
Cadmium	0.29	0.16	0.0080	0.0025	mg/Kg			1	6020/DOD
Calcium	7300	160	80	32	mg/Kg			1	6020/DOD
Chromium	21	0.40	0.36	0.13	mg/Kg			1	6020/DOD
Cobalt	9.9	0.080	0.012	0.0036	mg/Kg			1	6020/DOD
Copper	20	0.32	0.24	0.088	mg/Kg			1	6020/DOD
Iron	23000	40	24	8.7	mg/Kg			1	6020/DOD
Lead	28	1.2	0.80	0.28	mg/Kg		D	5	6020/DOD
Magnesium	3600	80	20	7.1	mg/Kg			1	6020/DOD
Manganese	640	2.0	1.6	0.64	mg/Kg		D	5	6020/DOD
Nickel	22	0.40	0.20	0.069	mg/Kg			1	6020/DOD
Potassium	1200	80	8.0	3.0	mg/Kg			1	6020/DOD
Selenium	0.90	0.40	0.048	0.017	mg/Kg			1	6020/DOD
Silver	0.039	0.080	0.040	0.013	mg/Kg	J		1	6020/DOD
Sodium	76	80	32	11	mg/Kg	J		1	6020/DOD
Thallium	0.60	0.80	0.60	0.22	mg/Kg	U		5	6020/DOD
Vanadium	20	0.40	0.080	0.035	mg/Kg			1	6020/DOD
Zinc	120	3.2	1.6	0.80	mg/Kg			1	6020/DOD
Hg	0.088	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SD-0008-0001-SO

Lab Sample ID: 240-17317-18

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:10

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	9100	8.7	3.5	2.2	mg/Kg			1	6020/DOD
Antimony	0.65	0.87	0.65	0.27	mg/Kg	U		5	6020/DOD
Arsenic	9.4	0.43	0.13	0.045	mg/Kg			1	6020/DOD
Barium	65	2.2	1.3	0.57	mg/Kg		D	5	6020/DOD
Beryllium	0.54	0.087	0.0087	0.0030	mg/Kg			1	6020/DOD
Cadmium	0.21	0.17	0.0087	0.0027	mg/Kg			1	6020/DOD
Calcium	1600	170	87	35	mg/Kg			1	6020/DOD
Chromium	15	0.43	0.39	0.14	mg/Kg			1	6020/DOD
Cobalt	9.6	0.087	0.013	0.0039	mg/Kg			1	6020/DOD
Copper	15	0.35	0.26	0.096	mg/Kg			1	6020/DOD
Iron	17000	43	26	9.5	mg/Kg			1	6020/DOD
Lead	29	1.3	0.87	0.31	mg/Kg		D	5	6020/DOD
Magnesium	1900	87	22	7.7	mg/Kg			1	6020/DOD
Manganese	330	0.43	0.35	0.14	mg/Kg			1	6020/DOD
Nickel	18	0.43	0.22	0.075	mg/Kg			1	6020/DOD
Potassium	790	87	8.7	3.3	mg/Kg			1	6020/DOD
Selenium	0.65	0.43	0.052	0.018	mg/Kg			1	6020/DOD
Silver	0.039	0.087	0.043	0.014	mg/Kg	J		1	6020/DOD
Sodium	42	87	35	12	mg/Kg	J		1	6020/DOD
Thallium	0.65	0.87	0.65	0.24	mg/Kg	U		5	6020/DOD
Vanadium	16	0.43	0.087	0.038	mg/Kg			1	6020/DOD
Zinc	58	3.5	1.7	0.87	mg/Kg			1	6020/DOD
Hg	0.061	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SD-0009-0001-SO

Lab Sample ID: 240-17317-19

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:15

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	7500	9.6	3.8	2.4	mg/Kg		J	1	6020/DOD
Antimony	0.72	0.96	0.72	0.30	mg/Kg	U	J	5	6020/DOD
Arsenic	9.5	0.48	0.14	0.050	mg/Kg			1	6020/DOD
Barium	57	2.4	1.4	0.63	mg/Kg		D	5	6020/DOD
Beryllium	0.45	0.096	0.0096	0.0034	mg/Kg			1	6020/DOD
Cadmium	0.16	0.19	0.0096	0.0030	mg/Kg	J		1	6020/DOD
Calcium	1800	190	96	39	mg/Kg		J	1	6020/DOD
Chromium	44	0.48	0.43	0.15	mg/Kg			1	6020/DOD
Cobalt	7.3	0.096	0.014	0.0043	mg/Kg			1	6020/DOD
Copper	15	0.38	0.29	0.11	mg/Kg			1	6020/DOD
Iron	19000	48	29	10	mg/Kg		J	1	6020/DOD
Lead	19	1.4	0.96	0.34	mg/Kg		D	5	6020/DOD
Magnesium	1800	96	24	8.6	mg/Kg			1	6020/DOD
Manganese	310	0.48	0.38	0.15	mg/Kg			1	6020/DOD
Nickel	30	0.48	0.24	0.083	mg/Kg			1	6020/DOD
Potassium	590	96	9.6	3.6	mg/Kg			1	6020/DOD
Selenium	0.52	0.48	0.058	0.020	mg/Kg			1	6020/DOD
Silver	0.029	0.096	0.048	0.015	mg/Kg	J		1	6020/DOD
Sodium	49	96	38	13	mg/Kg	J		1	6020/DOD
Thallium	0.72	0.96	0.72	0.27	mg/Kg	U		5	6020/DOD
Vanadium	14	0.48	0.096	0.042	mg/Kg			1	6020/DOD
Zinc	49	3.8	1.9	0.96	mg/Kg			1	6020/DOD
Hg	0.053	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SD-0010-0001-SO

Lab Sample ID: 240-17317-20

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:15

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	8500	49	19	12	mg/Kg		D	5	6020/DOD
Antimony	0.73	0.97	0.73	0.30	mg/Kg	U		5	6020/DOD
Arsenic	9.7	0.49	0.15	0.051	mg/Kg			1	6020/DOD
Barium	58	2.4	1.5	0.63	mg/Kg		D	5	6020/DOD
Beryllium	0.46	0.097	0.0097	0.0034	mg/Kg			1	6020/DOD
Cadmium	0.16	0.19	0.0097	0.0030	mg/Kg	J		1	6020/DOD
Calcium	2100	970	490	190	mg/Kg		D	5	6020/DOD
Chromium	25	2.4	2.2	0.78	mg/Kg		D	5	6020/DOD
Cobalt	8.0	0.49	0.073	0.022	mg/Kg		D	5	6020/DOD
Copper	16	1.9	1.5	0.53	mg/Kg		D	5	6020/DOD
Iron	21000	240	150	53	mg/Kg		D	5	6020/DOD
Lead	19	1.5	0.97	0.34	mg/Kg		D	5	6020/DOD
Magnesium	2000	490	120	43	mg/Kg		D	5	6020/DOD
Manganese	360	2.4	1.9	0.78	mg/Kg		D	5	6020/DOD
Nickel	22	2.4	1.2	0.42	mg/Kg		D	5	6020/DOD
Potassium	670	490	49	18	mg/Kg		D	5	6020/DOD
Selenium	0.54	0.49	0.058	0.020	mg/Kg			1	6020/DOD
Silver	0.029	0.097	0.049	0.016	mg/Kg	J		1	6020/DOD
Sodium	190	490	190	68	mg/Kg	U		5	6020/DOD
Thallium	0.73	0.97	0.73	0.27	mg/Kg	U		5	6020/DOD
Vanadium	15	2.4	0.49	0.21	mg/Kg		D	5	6020/DOD
Zinc	59	19	9.7	4.9	mg/Kg		D	5	6020/DOD
Hg	0.059	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SD-0011-0001-SO

Lab Sample ID: 240-17317-21

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:25

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	9800	9.6	3.8	2.4	mg/Kg			1	6020/DOD
Antimony	0.99	0.19	0.14	0.060	mg/Kg			1	6020/DOD
Arsenic	7.8	0.48	0.14	0.050	mg/Kg			1	6020/DOD
Barium	190	0.48	0.29	0.13	mg/Kg			1	6020/DOD
Beryllium	0.49	0.096	0.0096	0.0034	mg/Kg			1	6020/DOD
Cadmium	1.9	0.19	0.0096	0.0030	mg/Kg			1	6020/DOD
Calcium	3000	190	96	39	mg/Kg			1	6020/DOD
Chromium	23	0.48	0.43	0.15	mg/Kg			1	6020/DOD
Cobalt	6.1	0.096	0.014	0.0043	mg/Kg			1	6020/DOD
Copper	32	0.38	0.29	0.11	mg/Kg			1	6020/DOD
Iron	22000	48	29	10	mg/Kg			1	6020/DOD
Lead	100	0.29	0.19	0.068	mg/Kg			1	6020/DOD
Magnesium	1500	96	24	8.6	mg/Kg			1	6020/DOD
Manganese	330	0.48	0.38	0.15	mg/Kg			1	6020/DOD
Nickel	23	0.48	0.24	0.083	mg/Kg			1	6020/DOD
Potassium	830	96	9.6	3.6	mg/Kg			1	6020/DOD
Selenium	0.74	0.48	0.058	0.020	mg/Kg			1	6020/DOD
Silver	0.16	0.096	0.048	0.015	mg/Kg			1	6020/DOD
Sodium	110	96	38	13	mg/Kg			1	6020/DOD
Thallium	0.21	0.19	0.14	0.054	mg/Kg			1	6020/DOD
Vanadium	17	0.48	0.096	0.042	mg/Kg			1	6020/DOD
Zinc	390	3.8	1.9	0.96	mg/Kg			1	6020/DOD
Hg	0.097	0.094	0.031	0.013	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SD-0012-0001-SO

Lab Sample ID: 240-17317-22

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:30

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	8200	9.8	3.9	2.4	mg/Kg			1	6020/DOD
Antimony	0.46	0.20	0.15	0.061	mg/Kg			1	6020/DOD
Arsenic	7.1	0.49	0.15	0.051	mg/Kg			1	6020/DOD
Barium	63	0.49	0.29	0.13	mg/Kg			1	6020/DOD
Beryllium	0.40	0.098	0.0098	0.0034	mg/Kg			1	6020/DOD
Cadmium	0.41	0.20	0.0098	0.0030	mg/Kg			1	6020/DOD
Calcium	1700	200	98	39	mg/Kg			1	6020/DOD
Chromium	16	0.49	0.44	0.16	mg/Kg			1	6020/DOD
Cobalt	5.1	0.098	0.015	0.0044	mg/Kg			1	6020/DOD
Copper	16	0.39	0.29	0.11	mg/Kg			1	6020/DOD
Iron	17000	49	29	11	mg/Kg			1	6020/DOD
Lead	49	0.29	0.20	0.069	mg/Kg			1	6020/DOD
Magnesium	1500	98	25	8.7	mg/Kg			1	6020/DOD
Manganese	270	0.49	0.39	0.16	mg/Kg			1	6020/DOD
Nickel	12	0.49	0.25	0.085	mg/Kg			1	6020/DOD
Potassium	460	98	9.8	3.7	mg/Kg			1	6020/DOD
Selenium	0.45	0.49	0.059	0.020	mg/Kg	J		1	6020/DOD
Silver	0.064	0.098	0.049	0.016	mg/Kg	J		1	6020/DOD
Sodium	65	98	39	14	mg/Kg	J		1	6020/DOD
Thallium	0.19	0.20	0.15	0.055	mg/Kg	J		1	6020/DOD
Vanadium	16	0.49	0.098	0.042	mg/Kg			1	6020/DOD
Zinc	69	3.9	2.0	0.98	mg/Kg			1	6020/DOD
Hg	0.063	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SS-0002M-0001-SO

Lab Sample ID: 240-17317-23

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/07/2012 13:25

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	7700	7.8	3.1	1.9	mg/Kg			1	6020/DOD
Antimony	0.24	0.16	0.12	0.048	mg/Kg			1	6020/DOD
Arsenic	7.2	0.39	0.12	0.041	mg/Kg			1	6020/DOD
Barium	110	0.39	0.23	0.10	mg/Kg			1	6020/DOD
Beryllium	1.1	0.078	0.0078	0.0027	mg/Kg			1	6020/DOD
Cadmium	0.55	0.16	0.0078	0.0024	mg/Kg			1	6020/DOD
Calcium	57000	1600	780	310	mg/Kg		D	10	6020/DOD
Chromium	19	0.39	0.35	0.13	mg/Kg			1	6020/DOD
Cobalt	2.8	0.078	0.012	0.0035	mg/Kg			1	6020/DOD
Copper	170	0.31	0.23	0.086	mg/Kg			1	6020/DOD
Iron	16000	39	23	8.5	mg/Kg			1	6020/DOD
Lead	95	0.23	0.16	0.055	mg/Kg			1	6020/DOD
Magnesium	4500	78	20	7.0	mg/Kg			1	6020/DOD
Manganese	1300	7.8	6.3	2.5	mg/Kg		D	20	6020/DOD
Nickel	25	0.39	0.20	0.068	mg/Kg			1	6020/DOD
Potassium	670	78	7.8	2.9	mg/Kg			1	6020/DOD
Selenium	0.72	0.39	0.047	0.016	mg/Kg			1	6020/DOD
Silver	0.039	0.078	0.039	0.013	mg/Kg	J		1	6020/DOD
Sodium	180	78	31	11	mg/Kg			1	6020/DOD
Thallium	0.13	0.16	0.12	0.044	mg/Kg	J		1	6020/DOD
Vanadium	6.2	0.39	0.078	0.034	mg/Kg			1	6020/DOD
Zinc	1200	31	16	7.8	mg/Kg		D	10	6020/DOD
Hg	0.034	0.091	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 079SS-0001M-0001-SO

Lab Sample ID: 240-17317-24

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/07/2012 12:30

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Aluminum	4300	7.9	3.1	2.0	mg/Kg			1	6020/DOD
Antimony	0.21	0.16	0.12	0.049	mg/Kg			1	6020/DOD
Arsenic	8.6	0.39	0.12	0.041	mg/Kg			1	6020/DOD
Barium	66	0.39	0.24	0.10	mg/Kg			1	6020/DOD
Beryllium	0.51	0.079	0.0079	0.0028	mg/Kg			1	6020/DOD
Cadmium	0.34	0.16	0.0079	0.0024	mg/Kg			1	6020/DOD
Calcium	52000	1600	790	320	mg/Kg		D	10	6020/DOD
Chromium	11	0.39	0.35	0.13	mg/Kg			1	6020/DOD
Cobalt	2.6	0.079	0.012	0.0035	mg/Kg			1	6020/DOD
Copper	610	0.31	0.24	0.087	mg/Kg			1	6020/DOD
Iron	14000	39	24	8.6	mg/Kg			1	6020/DOD
Lead	25	0.24	0.16	0.056	mg/Kg			1	6020/DOD
Magnesium	2300	79	20	7.0	mg/Kg			1	6020/DOD
Manganese	650	0.39	0.31	0.13	mg/Kg			1	6020/DOD
Nickel	14	0.39	0.20	0.068	mg/Kg			1	6020/DOD
Potassium	470	79	7.9	3.0	mg/Kg			1	6020/DOD
Selenium	0.47	0.39	0.047	0.016	mg/Kg			1	6020/DOD
Silver	0.066	0.079	0.039	0.013	mg/Kg	J		1	6020/DOD
Sodium	87	79	31	11	mg/Kg			1	6020/DOD
Thallium	0.13	0.16	0.12	0.044	mg/Kg	J		1	6020/DOD
Vanadium	6.1	0.39	0.079	0.034	mg/Kg			1	6020/DOD
Zinc	81	3.1	1.6	0.79	mg/Kg			1	6020/DOD
Hg	0.041	0.088	0.029	0.012	mg/Kg	J		1	7471/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	ICV 240-65867/5 11/20/2012 10:00				CCV 240-65867/24 11/20/2012 12:08				CCV 240-65867/36 11/20/2012 13:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	411		400	103	520		500	104	530		500	106
Antimony	81.7		80.0	102	103		100	103	99.8		100	100
Arsenic	80.4		80.0	101	101		100	101	101		100	101
Barium	80.9		80.0	101	101		100	101	101		100	101
Beryllium	82.8		80.0	104	104		100	104	104		100	104
Cadmium	82.8		80.0	104	104		100	104	103		100	103
Calcium	40400		40000	101	50100		50000	100	50200		50000	100
Chromium	80.3		80.0	100	101		100	101	101		100	101
Cobalt	80.6		80.0	101	101		100	101	101		100	101
Copper	82.0		80.0	103	104		100	104	103		100	103
Iron	20200		20000	101	25400		25000	102	25600		25000	102
Lead	80.2		80.0	100	101		100	101	100		100	100
Magnesium	41200		40000	103	51500		50000	103	51400		50000	103
Manganese	408		400	102	506		500	101	512		500	102
Nickel	81.4		80.0	102	103		100	103	103		100	103
Potassium	40400		40000	101	50500		50000	101	50900		50000	102
Selenium	81.1		80.0	101	103		100	103	102		100	102
Silver	84.5		80.0	106	104		100	104	104		100	104
Sodium	40700		40000	102	50700		50000	101	50800		50000	102
Thallium	81.5		80.0	102	102		100	102	102		100	102
Vanadium	79.9		80.0	100	99.4		100	99	101		100	101
Zinc	84.4		80.0	106	105		100	105	106		100	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	CCV 240-65867/48 11/20/2012 14:19				CCV 240-65867/60 11/20/2012 15:23							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	518		500	104	530		500	106				
Antimony	100		100	100	102		100	102				
Arsenic	102		100	102	101		100	101				
Barium	101		100	101	102		100	102				
Beryllium	105		100	105	106		100	106				
Cadmium	104		100	104	104		100	104				
Calcium	50200		50000	100	50000		50000	100				
Chromium	101		100	101	100		100	100				
Cobalt	101		100	101	100		100	100				
Copper	102		100	102	101		100	101				
Iron	25700		25000	103	25900		25000	104				
Lead	100		100	100	102		100	102				
Magnesium	50800		50000	102	51200		50000	102				
Manganese	517		500	103	512		500	102				
Nickel	103		100	103	101		100	101				
Potassium	50900		50000	102	51100		50000	102				
Selenium	102		100	102	102		100	102				
Silver	103		100	103	103		100	103				
Sodium	50400		50000	101	50200		50000	100				
Thallium	102		100	102	101		100	101				
Vanadium	101		100	101	100		100	100				
Zinc	106		100	106	105		100	105				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	ICV 240-66205/5 11/23/2012 09:52				CCV 240-66205/24 11/23/2012 11:48				CCV 240-66205/36 11/23/2012 12:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	414		400	103	508		500	102	506		500	101
Antimony	82.5		80.0	103	102		100	102	103		100	103
Arsenic	79.8		80.0	100	99.0		100	99	99.4		100	99
Barium	80.3		80.0	100	101		100	101	101		100	101
Beryllium	82.5		80.0	103	103		100	103	103		100	103
Cadmium	83.4		80.0	104	105		100	105	105		100	105
Calcium	40000		40000	100	48800		50000	98	48500		50000	97
Chromium	80.2		80.0	100	99.5		100	99	100		100	100
Cobalt	79.9		80.0	100	99.5		100	99	99.3		100	99
Copper	82.3		80.0	103	100		100	100	100		100	100
Iron	20300		20000	101	26100		25000	104	26300		25000	105
Lead	80.4		80.0	101	101		100	101	104		100	104
Magnesium	41300		40000	103	51800		50000	104	51400		50000	103
Manganese	405		400	101	502		500	100	501		500	100
Nickel	81.0		80.0	101	100		100	100	100		100	100
Potassium	40000		40000	100	51100		50000	102	51400		50000	103
Selenium	82.2		80.0	103	101		100	101	102		100	102
Silver	83.7		80.0	105	103		100	103	105		100	105
Sodium	40900		40000	102	51800		50000	104	51400		50000	103
Thallium	84.4		80.0	105	104		100	104	104		100	104
Vanadium	79.5		80.0	99	98.3		100	98	99.4		100	99
Zinc	86.5		80.0	108	103		100	103	103		100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	CCV 240-66205/48 11/23/2012 13:56				CCV 240-66205/58 11/23/2012 14:48				CCV 240-66205/70 11/23/2012 15:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	506		500	101	517		500	103	521		500	104
Antimony	104		100	104	104		100	104	106		100	106
Arsenic	98.7		100	99	98.9		100	99	98.4		100	98
Barium	102		100	102	101		100	101	101		100	101
Beryllium	103		100	103	102		100	102	101		100	101
Cadmium	106		100	106	107		100	107	106		100	106
Calcium	48400		50000	97	48700		50000	97	48300		50000	97
Chromium	100		100	100	99.8		100	100	98.3		100	98
Cobalt	100		100	100	99.4		100	99	97.8		100	98
Copper	102		100	102	101		100	101	99.4		100	99
Iron	26400		25000	106	26300		25000	105	26300		25000	105
Lead	105		100	105	105		100	105	105		100	105
Magnesium	51600		50000	103	52200		50000	104	52000		50000	104
Manganese	498		500	100	499		500	100	490		500	98
Nickel	101		100	101	99.0		100	99	99.0		100	99
Potassium	52200		50000	104	51900		50000	104	52300		50000	105
Selenium	102		100	102	102		100	102	101		100	101
Silver	105		100	105	105		100	105	104		100	104
Sodium	51500		50000	103	52000		50000	104	51700		50000	103
Thallium	104		100	104	104		100	104	103		100	103
Vanadium	99.0		100	99	99.0		100	99	97.1		100	97
Zinc	104		100	104	104		100	104	103		100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	CCV 240-66205/82 11/23/2012 17:00											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	520		500	104								
Antimony	104		100	104								
Arsenic	98.7		100	99								
Barium	102		100	102								
Beryllium	104		100	104								
Cadmium	106		100	106								
Calcium	48400		50000	97								
Chromium	98.3		100	98								
Cobalt	98.1		100	98								
Copper	99.5		100	99								
Iron	26200		25000	105								
Lead	106		100	106								
Magnesium	51400		50000	103								
Manganese	501		500	100								
Nickel	98.3		100	98								
Potassium	52100		50000	104								
Selenium	100		100	100								
Silver	105		100	105								
Sodium	51400		50000	103								
Thallium	103		100	103								
Vanadium	97.7		100	98								
Zinc	103		100	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00053

Analyte	ICV 240-66869/5 11/29/2012 10:23				CCV 240-66869/190 11/30/2012 04:30				CCV 240-66869/202 11/30/2012 05:38			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	40500		40000	101	53700		50000	107	53700		50000	107
Zinc	82.3		80.0	103	107		100	107	106		100	106
<i>Aluminum</i>	402		400	101	537		500	107	549		500	110
<i>Antimony</i>	82.0		80.0	103	107		100	107	108		100	108
<i>Arsenic</i>	78.6		80.0	98	94.6		100	95	94.9		100	95
<i>Barium</i>	79.5		80.0	99	100		100	100	101		100	101
<i>Beryllium</i>	81.4		80.0	102	114		100	114	112		100	112
<i>Cadmium</i>	81.7		80.0	102	103		100	103	105		100	105
<i>Chromium</i>	79.5		80.0	99	96.9		100	97	96.8		100	97
<i>Cobalt</i>	79.8		80.0	100	94.0		100	94	94.1		100	94
<i>Copper</i>	82.7		80.0	103	92.4		100	92	92.9		100	93
<i>Iron</i>	19800		20000	99	27200		25000	109	27000		25000	108
<i>Lead</i>	79.5		80.0	99	101		100	101	102		100	102
<i>Magnesium</i>	40900		40000	102	56400		50000	113	56500		50000	113
<i>Manganese</i>	403		400	101	556		500	111	559		500	112
<i>Nickel</i>	80.7		80.0	101	92.4		100	92	93.2		100	93
<i>Potassium</i>	40100		40000	100	56600		50000	113	57300		50000	115
<i>Selenium</i>	78.7		80.0	98	102		100	102	100		100	100
<i>Silver</i>	83.3		80.0	104	97.9		100	98	99.7		100	100
<i>Sodium</i>	40200		40000	100	50800		50000	102	50800		50000	102
<i>Thallium</i>	73.9		80.0	92	91.5		100	91	90.7		100	91
<i>Vanadium</i>	78.9		80.0	99	96.1		100	96	95.6		100	96

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.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	ICV 240-66869/5 11/29/2012 10:23				CCV 240-66869/209 11/30/2012 06:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	40500		40000	101	51900		50000	104				
Zinc	82.3		80.0	103	98.6		100	99				
<i>Aluminum</i>	402		400	101	513		500	103				
<i>Antimony</i>	82.0		80.0	103	104		100	104				
<i>Arsenic</i>	78.6		80.0	98	91.9		100	92				
<i>Barium</i>	79.5		80.0	99	98.1		100	98				
<i>Beryllium</i>	81.4		80.0	102	109		100	109				
<i>Cadmium</i>	81.7		80.0	102	102		100	102				
<i>Chromium</i>	79.5		80.0	99	94.7		100	95				
<i>Cobalt</i>	79.8		80.0	100	91.6		100	92				
<i>Copper</i>	82.7		80.0	103	90.3		100	90				
<i>Iron</i>	19800		20000	99	26700		25000	107				
<i>Lead</i>	79.5		80.0	99	98.2		100	98				
<i>Magnesium</i>	40900		40000	102	55500		50000	111				
<i>Manganese</i>	403		400	101	544		500	109				
<i>Nickel</i>	80.7		80.0	101	90.0		100	90				
<i>Potassium</i>	40100		40000	100	55900		50000	112				
<i>Selenium</i>	78.7		80.0	98	97.8		100	98				
<i>Silver</i>	83.3		80.0	104	96.7		100	97				
<i>Sodium</i>	40200		40000	100	49700		50000	99				
<i>Thallium</i>	73.9		80.0	92	88.7		100	89				
<i>Vanadium</i>	78.9		80.0	99	93.6		100	94				

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.: 240-17317-1

SDG No.: _____

ICV Source: MTMSICVW_00017 Concentration Units: ug/L

CCV Source: MTMSCAL2CCVW_00054

Analyte	ICV 240-67023/5 11/30/2012 09:51				CCV 240-67023/19 11/30/2012 11:11				CCV 240-67023/30 11/30/2012 12:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	39900		40000	100	49800		50000	100	49700		50000	99
Manganese	407		400	102	498		500	100	502		500	100
<i>Aluminum</i>	407		400	102	496		500	99	493		500	99
<i>Antimony</i>	81.9		80.0	102	99.7		100	100	102		100	102
<i>Arsenic</i>	78.9		80.0	99	98.6		100	99	98.2		100	98
<i>Barium</i>	79.1		80.0	99	97.1		100	97	96.7		100	97
<i>Beryllium</i>	80.9		80.0	101	97.7		100	98	96.0		100	96
<i>Cadmium</i>	81.3		80.0	102	100		100	100	99.7		100	100
<i>Chromium</i>	79.9		80.0	100	99.0		100	99	99.4		100	99
<i>Cobalt</i>	79.9		80.0	100	99.6		100	100	99.8		100	100
<i>Copper</i>	81.5		80.0	102	100		100	100	102		100	102
<i>Iron</i>	20000		20000	100	24900		25000	99	25200		25000	101
<i>Lead</i>	82.8		80.0	104	101		100	101	102		100	102
<i>Magnesium</i>	40600		40000	102	50500		50000	101	51000		50000	102
<i>Nickel</i>	80.3		80.0	100	101		100	101	101		100	101
<i>Potassium</i>	39600		40000	99	49900		50000	100	50200		50000	100
<i>Selenium</i>	81.2		80.0	102	99.2		100	99	98.6		100	99
<i>Silver</i>	82.0		80.0	102	101		100	101	100		100	100
<i>Sodium</i>	40600		40000	101	50200		50000	100	51100		50000	102
<i>Thallium</i>	74.1		80.0	93	91.0		100	91	92.6		100	93
<i>Vanadium</i>	78.9		80.0	99	97.6		100	98	97.7		100	98
<i>Zinc</i>	82.3		80.0	103	102		100	102	101		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTHGICVW_00428 Concentration Units: ug/L

CCV Source: MTHGCALW_00280

Analyte	ICV 240-65225/7-A 11/16/2012 09:12				CCV 240-65225/10-A 11/16/2012 18:08				CCV 240-65225/10-A 11/16/2012 18:26			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	2.38		2.50	95	4.94		5.00	99	5.05		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICV Source: MTHGICVW_00428 Concentration Units: ug/L

CCV Source: MTHGCALW_00280

Analyte	CCV 240-65225/10-A 11/16/2012 18:44				CCV 240-65225/10-A 11/16/2012 19:01				CCV 240-65225/10-A 11/16/2012 19:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.05		5.00	101	5.03		5.00	101	5.06		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.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1
 SDG No.: _____
 Method: 6020/DOD Instrument ID: I8
 Lab Sample ID: CRI 240-65867/8 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	51.1	J	102	80-120
Antimony	2.00	1.92	J	96	80-120
Arsenic	2.00	1.78	J	89	80-120
Barium	1.00	3.0	U	104	80-120
Beryllium	1.00	1.07		107	80-120
Cadmium	0.500	0.516	J	103	80-120
Calcium	1000	985	J	98	80-120
Chromium	2.00	1.91	J	95	80-120
Cobalt	1.00	1.01		101	80-120
Copper	2.00	2.28	J	114	80-120
Iron	50.0	49.4	J	99	80-120
Lead	1.00	0.994	J	99	80-120
Magnesium	1000	1030		103	80-120
Manganese	1.00	3.0	U	102	80-120
Nickel	2.00	2.03	J	101	80-120
Potassium	1000	998	J	100	80-120
Selenium	2.00	1.90	J	95	80-120
Silver	0.500	0.543	J	109	80-120
Sodium	1000	1020		102	80-120
Thallium	1.00	1.04	J	104	80-120
Vanadium	5.00	4.72	J	94	80-120
Zinc	10.0	11.0	J	110	80-120

Lab Sample ID: CRI 240-65867/62 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	48.9	J	98	80-120
Antimony	2.00	2.04		102	80-120
Arsenic	2.00	1.85	J	93	80-120
Barium	1.00	3.0	U	107	80-120
Beryllium	1.00	1.03		103	80-120
Cadmium	0.500	0.537	J	107	80-120
Calcium	1000	960	J	96	80-120
Chromium	2.00	1.68	J	84	80-120

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

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-65867/62 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	1.00	1.02		102	80-120
Copper	2.00	2.21	J	111	80-120
Iron	50.0	54.2	J	108	80-120
Lead	1.00	1.02		102	80-120
Magnesium	1000	1020		102	80-120
Manganese	1.00	3.0	U	101	80-120
Nickel	2.00	2.00	J	100	80-120
Potassium	1000	1010		101	80-120
Selenium	2.00	1.85	J	92	80-120
Silver	0.500	0.549	J	110	80-120
Sodium	1000	992	J	99	80-120
Thallium	1.00	1.14	J	114	80-120
Vanadium	5.00	4.74	J	95	80-120
Zinc	10.0	11.0	J	110	80-120

Lab Sample ID: CRI 240-66205/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	53.7	J	107	70-130
Antimony	2.00	2.04		102	70-130
Arsenic	2.00	2.02	J	101	70-130
Barium	1.00	3.0	U	114	70-130
Beryllium	1.00	0.986	J	99	70-130
Cadmium	0.500	0.507	J	101	70-130
Calcium	1000	990	J	99	70-130
Chromium	2.00	1.95	J	98	70-130
Cobalt	1.00	1.02		102	70-130
Copper	2.00	2.23	J	112	70-130
Iron	50.0	57.4	J	115	70-130
Lead	1.00	0.974	J	97	70-130
Magnesium	1000	1050		105	70-130
Manganese	1.00	3.0	U	107	70-130
Nickel	2.00	2.08	J	104	70-130
Potassium	1000	1030		103	70-130

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.: 240-17317-1

SDG No.: _____

Method: 6020/DOD Instrument ID: I8

Lab Sample ID: CRI 240-66205/7 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Selenium	2.00	2.03	J	101	70-130
Silver	0.500	0.551	J	110	70-130
Sodium	1000	1070		107	70-130
Thallium	1.00	1.21	J	121	70-130
Vanadium	5.00	5.00		100	70-130
Zinc	10.0	10.7	J	107	70-130

Lab Sample ID: CRI 240-66205/101 Concentration Units: ug/L

CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	53.2	J	106	70-130
Antimony	2.00	2.16		108	70-130
Arsenic	2.00	2.03	J	101	70-130
Barium	1.00	3.0	U	103	70-130
Beryllium	1.00	1.11		111	70-130
Cadmium	0.500	0.577	J	115	70-130
Calcium	1000	967	J	97	70-130
Chromium	2.00	1.85	J	93	70-130
Cobalt	1.00	1.01		101	70-130
Copper	2.00	2.27	J	113	70-130
Iron	50.0	70.5	J	141	70-130
Lead	1.00	1.09		109	70-130
Magnesium	1000	1100		110	70-130
Manganese	1.00	1.28	J	128	70-130
Nickel	2.00	1.98	J	99	70-130
Potassium	1000	1080		108	70-130
Selenium	2.00	2.09	J	105	70-130
Silver	0.500	0.588	J	118	70-130
Sodium	1000	1080		108	70-130
Thallium	1.00	1.20	J	120	70-130
Vanadium	5.00	4.77	J	95	70-130
Zinc	10.0	11.1	J	111	70-130

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.: 240-17317-1
 SDG No.: _____
 Method: 6020/DOD Instrument ID: I8
 Lab Sample ID: CRI 240-66869/7 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	50.9	J	102	70-130
Antimony	2.00	2.02		101	70-130
Arsenic	2.00	1.57	J	79	70-130
Barium	1.00	3.0	U	105	70-130
Beryllium	1.00	1.08		108	70-130
Cadmium	0.500	0.509	J	102	70-130
Calcium	1000	984	J	98	70-130
Chromium	2.00	1.74	J	87	70-130
Cobalt	1.00	1.00		100	70-130
Copper	2.00	2.26	J	113	70-130
Iron	50.0	49.7	J	99	70-130
Lead	1.00	0.944	J	94	70-130
Magnesium	1000	1030		103	70-130
Manganese	1.00	3.0	U	100	70-130
Nickel	2.00	2.02	J	101	70-130
Potassium	1000	995	J	99	70-130
Selenium	2.00	2.19	J	110	70-130
Silver	0.500	0.584	J	117	70-130
Sodium	1000	918	J	92	70-130
Thallium	1.00	0.991	J	99	70-130
Vanadium	5.00	4.20	J	84	70-130
Zinc	10.0	10.1	J	101	70-130

Lab Sample ID: CRI 240-66869/211 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	58.8	J	118	70-130
Antimony	2.00	2.13		107	70-130
Arsenic	2.00	1.51	J	75	70-130
Barium	1.00	3.0	U	113	70-130
Beryllium	1.00	1.18		118	70-130
Cadmium	0.500	0.601	J	120	70-130
Calcium	1000	1060	J	106	70-130
Chromium	2.00	1.55	J	78	70-130

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

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1
 SDG No.: _____
 Method: 6020/DOD Instrument ID: I8
 Lab Sample ID: CRI 240-66869/211 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	1.00	0.926	J	93	70-130
Copper	2.00	2.08	J	104	70-130
Iron	50.0	68.5	J	137	70-130
Lead	1.00	0.996	J	100	70-130
Magnesium	1000	1160		116	70-130
Manganese	1.00	1.30	J	130	70-130
Nickel	2.00	1.94	J	97	70-130
Potassium	1000	1020		102	70-130
Selenium	2.00	2.19	J	110	70-130
Silver	0.500	0.570	J	114	70-130
Sodium	1000	905	J	91	70-130
Thallium	1.00	0.991	J	99	70-130
Vanadium	5.00	4.11	J	82	70-130
Zinc	10.0	10.7	J	107	70-130

Lab Sample ID: CRI 240-67023/7 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	48.6	J	97	70-130
Antimony	2.00	1.94	J	97	70-130
Arsenic	2.00	1.90	J	95	70-130
Barium	1.00	3.0	U	100	70-130
Beryllium	1.00	1.07		107	70-130
Cadmium	0.500	0.476	J	95	70-130
Calcium	1000	979	J	98	70-130
Chromium	2.00	1.79	J	90	70-130
Cobalt	1.00	1.03		103	70-130
Copper	2.00	2.16	J	108	70-130
Iron	50.0	47.9	J	96	70-130
Lead	1.00	1.08		108	70-130
Magnesium	1000	1020		102	70-130
Manganese	1.00	3.0	U	90	70-130
Nickel	2.00	2.05	J	102	70-130
Potassium	1000	866	J	87	70-130

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.: 240-17317-1
 SDG No.: _____
 Method: 6020/DOD Instrument ID: I8
 Lab Sample ID: CRI 240-67023/7 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Selenium	2.00	1.99	J	99	70-130
Silver	0.500	0.539	J	108	70-130
Sodium	1000	891	J	89	70-130
Thallium	1.00	1.12	J	112	70-130
Vanadium	5.00	4.49	J	90	70-130
Zinc	10.0	9.75	J	97	70-130

Lab Sample ID: CRI 240-67023/33 Concentration Units: ug/L
 CRQL Check Standard Source: MTMSCRIW_00028

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	50.0	55.6	J	111	70-130
Antimony	2.00	3.58		179	70-130
Arsenic	2.00	1.64	J	82	70-130
Barium	1.00	3.0	U	107	70-130
Beryllium	1.00	0.991	J	99	70-130
Cadmium	0.500	0.461	J	92	70-130
Calcium	1000	977	J	98	70-130
Chromium	2.00	1.80	J	90	70-130
Cobalt	1.00	1.01		101	70-130
Copper	2.00	2.17	J	108	70-130
Iron	50.0	61.5	J	123	70-130
Lead	1.00	1.11		111	70-130
Magnesium	1000	1060		106	70-130
Manganese	1.00	3.0	U	106	70-130
Nickel	2.00	2.02	J	101	70-130
Potassium	1000	894	J	89	70-130
Selenium	2.00	2.14	J	107	70-130
Silver	0.500	0.527	J	105	70-130
Sodium	1000	916	J	92	70-130
Thallium	1.00	1.03	J	103	70-130
Vanadium	5.00	4.81	J	96	70-130
Zinc	10.0	10.6	J	106	70-130

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

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Method: 7471/DOD Instrument ID: H1

Lab Sample ID: CRA 240-65225/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00280

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

Lab Sample ID: CRA 240-65225/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00280

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.208		104	

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

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-65867/6 11/20/2012 10:07		CCB 240-65867/25 11/20/2012 12:15		CCB 240-65867/37 11/20/2012 13:23		CCB 240-65867/49 11/20/2012 14:26	
		Found	C	Found	C	Found	C	Found	C
Aluminum	60	40	U	40	U	40	U	40	U
Antimony	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Arsenic	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Barium	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Beryllium	1.0	0.10	U	0.0370	J	0.0410	J	0.10	U
Cadmium	2.0	0.070	U	0.070	U	0.0310	J	0.0400	J
Calcium	2000	1000	U	1000	U	1000	U	1000	U
Chromium	2.0	1.5	U	1.5	U	1.5	U	1.5	U
Cobalt	1.0	0.090	U	0.090	U	0.0370	J	0.0380	J
Copper	4.0	3.0	U	3.0	U	3.0	U	3.0	U
Iron	150	100	U	100	U	100	U	100	U
Lead	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Magnesium	1000	250	U	250	U	250	U	250	U
Manganese	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Nickel	5.0	1.5	U	1.5	U	1.5	U	1.5	U
Potassium	1000	50	U	50	U	50	U	50	U
Selenium	5.0	0.50	U	0.50	U	0.50	U	0.50	U
Silver	1.0	0.25	U	0.25	U	0.25	U	0.25	U
Sodium	1000	400	U	400	U	400	U	400	U
Thallium	2.0	0.339	J	0.444	J	0.361	J	0.337	J
Vanadium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	40	20	U	20	U	20	U	20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-65867/61 11/20/2012 15:30							
		Found	C	Found	C	Found	C	Found	C
Aluminum	60	40	U						
Antimony	2.0	0.50	U						
Arsenic	5.0	1.0	U						
Barium	5.0	3.0	U						
Beryllium	1.0	0.0490	J						
Cadmium	2.0	0.0360	J						
Calcium	2000	1000	U						
Chromium	2.0	1.5	U						
Cobalt	1.0	0.0510	J						
Copper	4.0	3.0	U						
Iron	150	100	U						
Lead	1.0	0.50	U						
Magnesium	1000	250	U						
Manganese	5.0	3.0	U						
Nickel	5.0	1.5	U						
Potassium	1000	21.2	J						
Selenium	5.0	0.50	U						
Silver	1.0	0.25	U						
Sodium	1000	400	U						
Thallium	2.0	0.336	J						
Vanadium	5.0	1.0	U						
Zinc	40	20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-66205/6 11/23/2012 09:59		CCB 240-66205/25 11/23/2012 11:55		CCB 240-66205/37 11/23/2012 13:00		CCB 240-66205/49 11/23/2012 14:03	
		Found	C	Found	C	Found	C	Found	C
Aluminum	60	40	U	40	U	40	U	40	U
Antimony	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Arsenic	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Barium	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Beryllium	1.0	0.10	U	0.0540	J	0.0650	J	0.0470	J
Cadmium	2.0	0.070	U	0.0270	J	0.0280	J	0.0350	J
Calcium	2000	1000	U	1000	U	1000	U	1000	U
Chromium	2.0	1.5	U	1.5	U	1.5	U	1.5	U
Cobalt	1.0	0.090	U	0.0360	J	0.0350	J	0.0550	J
Copper	4.0	3.0	U	3.0	U	3.0	U	3.0	U
Iron	150	100	U	100	U	100	U	100	U
Lead	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Magnesium	1000	250	U	250	U	250	U	250	U
Manganese	5.0	3.0	U	3.0	U	3.0	U	3.0	U
Nickel	5.0	1.5	U	1.5	U	1.5	U	1.5	U
Potassium	1000	50	U	50	U	16.2	J	19.4	J
Selenium	5.0	0.50	U	0.50	U	0.50	U	0.50	U
Silver	1.0	0.25	U	0.25	U	0.25	U	0.25	U
Sodium	1000	400	U	400	U	400	U	400	U
Thallium	2.0	0.350	J	0.376	J	0.344	J	0.360	J
Vanadium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	40	20	U	20	U	20	U	20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-66205/59 11/23/2012 14:55		CCB 240-66205/71 11/23/2012 16:04		CCB 240-66205/83 11/23/2012 17:08		Found	C
		Found	C	Found	C	Found	C		
Aluminum	60	40	U	40	U	40	U		
Antimony	2.0	0.50	U	0.342	J	0.50	U		
Arsenic	5.0	1.0	U	1.0	U	1.0	U		
Barium	5.0	3.0	U	3.0	U	3.0	U		
Beryllium	1.0	0.0500	J	0.0670	J	0.0660	J		
Cadmium	2.0	0.0270	J	0.0470	J	0.0380	J		
Calcium	2000	1000	U	1000	U	1000	U		
Chromium	2.0	1.5	U	1.5	U	1.5	U		
Cobalt	1.0	0.0380	J	0.0430	J	0.0420	J		
Copper	4.0	3.0	U	3.0	U	3.0	U		
Iron	150	100	U	100	U	100	U		
Lead	1.0	0.50	U	0.50	U	0.50	U		
Magnesium	1000	250	U	250	U	250	U		
Manganese	5.0	3.0	U	3.0	U	3.0	U		
Nickel	5.0	1.5	U	1.5	U	1.5	U		
Potassium	1000	20.8	J	27.8	J	28.3	J		
Selenium	5.0	0.50	U	0.50	U	0.50	U		
Silver	1.0	0.25	U	0.25	U	0.25	U		
Sodium	1000	400	U	400	U	400	U		
Thallium	2.0	0.346	J	0.448	J	0.396	J		
Vanadium	5.0	1.0	U	1.0	U	1.0	U		
Zinc	40	20	U	20	U	20	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-66869/6 11/29/2012 10:30		CCB 240-66869/191 11/30/2012 04:36		CCB 240-66869/203 11/30/2012 05:44		CCB 240-66869/210 11/30/2012 06:24	
		Found	C	Found	C	Found	C	Found	C
Calcium	2000	1000	U	1000	U	1000	U	1000	U
Zinc	40	20	U	20	U	20	U	20	U
<i>Aluminum</i>	60	40	U	40	U	40	U	40	U
<i>Antimony</i>	2.0	0.50	U	0.228	J	0.233	J	0.50	U
<i>Arsenic</i>	5.0	1.0	U	1.0	U	1.0	U	1.0	U
<i>Barium</i>	5.0	3.0	U	3.0	U	3.0	U	3.0	U
<i>Beryllium</i>	1.0	0.10	U	0.218	J	0.217	J	0.10	U
<i>Cadmium</i>	2.0	0.070	U	0.185	J	0.183	J	0.0600	J
<i>Chromium</i>	2.0	1.5	U	1.5	U	1.5	U	1.5	U
<i>Cobalt</i>	1.0	0.090	U	0.182	J	0.213	J	0.0550	J
<i>Copper</i>	4.0	3.0	U	3.0	U	3.0	U	3.0	U
<i>Iron</i>	150	100	U	52.2	J	55.2	J	45.5	J
<i>Lead</i>	1.0	0.50	U	0.50	U	0.218	J	0.50	U
<i>Magnesium</i>	1000	250	U	250	U	250	U	250	U
<i>Manganese</i>	5.0	3.0	U	1.13	J	1.62	J	3.0	U
<i>Nickel</i>	5.0	1.5	U	1.5	U	1.5	U	1.5	U
<i>Potassium</i>	1000	50	U	76.2	J	79.9	J	26.7	J
<i>Selenium</i>	5.0	0.50	U	0.50	U	0.50	U	0.50	U
<i>Silver</i>	1.0	0.25	U	0.112	J	0.128	J	0.25	U
<i>Sodium</i>	1000	400	U	400	U	400	U	400	U
<i>Thallium</i>	2.0	1.0	U	0.374	J	0.363	J	1.0	U
<i>Vanadium</i>	5.0	1.0	U	1.0	U	1.0	U	1.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-67023/6 11/30/2012 09:58		CCB 240-67023/20 11/30/2012 11:18		CCB 240-67023/31 11/30/2012 12:20		Found	C
		Found	C	Found	C	Found	C		
Calcium	2000	1000	U	1000	U	1000	U		
Manganese	5.0	3.0	U	3.0	U	3.0	U		
<i>Aluminum</i>	60	40	U	40	U	40	U		
<i>Antimony</i>	2.0	0.50	U	0.50	U	1.68	J		
<i>Arsenic</i>	5.0	1.0	U	1.0	U	1.0	U		
<i>Barium</i>	5.0	3.0	U	3.0	U	3.0	U		
<i>Beryllium</i>	1.0	0.10	U	0.10	U	0.0400	J		
<i>Cadmium</i>	2.0	0.070	U	0.070	U	0.070	U		
<i>Chromium</i>	2.0	1.5	U	1.5	U	1.5	U		
<i>Cobalt</i>	1.0	0.090	U	0.090	U	0.090	U		
<i>Copper</i>	4.0	3.0	U	3.0	U	3.0	U		
<i>Iron</i>	150	100	U	100	U	100	U		
<i>Lead</i>	1.0	0.50	U	0.50	U	0.50	U		
<i>Magnesium</i>	1000	250	U	250	U	250	U		
<i>Nickel</i>	5.0	1.5	U	1.5	U	1.5	U		
<i>Potassium</i>	1000	50	U	50	U	50	U		
<i>Selenium</i>	5.0	0.50	U	0.50	U	0.50	U		
<i>Silver</i>	1.0	0.25	U	0.25	U	0.25	U		
<i>Sodium</i>	1000	400	U	400	U	400	U		
<i>Thallium</i>	2.0	1.0	U	1.0	U	1.0	U		
<i>Vanadium</i>	5.0	1.0	U	1.0	U	1.0	U		
<i>Zinc</i>	40	20	U	20	U	20	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-65225/8-A 11/16/2012 09:14		CCB 240-65225/11-A 11/16/2012 18:10		CCB 240-65225/11-A 11/16/2012 18:28		CCB 240-65225/11-A 11/16/2012 18:45	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-65225/11-A 11/16/2012 19:03		CCB 240-65225/11-A 11/16/2012 19:20		Found	C	Found	C
		Found	C	Found	C				
Hg	0.20	0.20	U	0.20	U				

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 240-65145/1-A

Instrument Code: I8 Batch No.: 65867

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	4.0	U		6020_DoD
7440-36-0	Antimony	0.15	U		6020_DoD
7440-38-2	Arsenic	0.15	U		6020_DoD
7440-39-3	Barium	0.30	U		6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-43-9	Cadmium	0.010	U		6020_DoD
7440-70-2	Calcium	100	U		6020_DoD
7440-47-3	Chromium	0.45	U		6020_DoD
7440-48-4	Cobalt	0.015	U		6020_DoD
7440-50-8	Copper	0.30	U		6020_DoD
7439-89-6	Iron	30	U		6020_DoD
7439-92-1	Lead	0.20	U		6020_DoD
7439-95-4	Magnesium	25	U		6020_DoD
7439-96-5	Manganese	0.40	U		6020_DoD
7440-02-0	Nickel	0.25	U		6020_DoD
7440-09-7	Potassium	4.74	J		6020_DoD
7782-49-2	Selenium	0.060	U		6020_DoD
7440-22-4	Silver	0.050	U		6020_DoD
7440-23-5	Sodium	40	U		6020_DoD
7440-28-0	Thallium	0.15	U		6020_DoD
7440-62-2	Vanadium	0.10	U		6020_DoD
7440-66-6	Zinc	2.0	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 240-65198/1-A

Instrument Code: I8 Batch No.: 66205

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	4.0	U		6020_DoD
7440-36-0	Antimony	0.15	U		6020_DoD
7440-38-2	Arsenic	0.15	U		6020_DoD
7440-39-3	Barium	0.30	U		6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-43-9	Cadmium	0.010	U		6020_DoD
7440-70-2	Calcium	100	U		6020_DoD
7440-47-3	Chromium	0.45	U		6020_DoD
7440-48-4	Cobalt	0.015	U		6020_DoD
7440-50-8	Copper	0.30	U		6020_DoD
7439-89-6	Iron	30	U		6020_DoD
7439-92-1	Lead	0.20	U		6020_DoD
7439-95-4	Magnesium	25	U		6020_DoD
7439-96-5	Manganese	0.40	U		6020_DoD
7440-02-0	Nickel	0.25	U		6020_DoD
7440-09-7	Potassium	4.92	J		6020_DoD
7782-49-2	Selenium	0.060	U		6020_DoD
7440-22-4	Silver	0.050	U		6020_DoD
7440-23-5	Sodium	40	U		6020_DoD
7440-28-0	Thallium	0.15	U		6020_DoD
7440-62-2	Vanadium	0.10	U		6020_DoD
7440-66-6	Zinc	2.0	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 240-65191/1-A

Instrument Code: H1 Batch No.: 65450

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Hg	0.0245	J		7471_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 240-65204/1-A

Instrument Code: H1 Batch No.: 65450

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Hg	0.0276	J		7471_DOD

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICSA 240-65867/9 Instrument ID: I8
 Lab File ID: I8112012A.csv ICS Source: MTMSICSAW_00019
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Aluminum	50000	49910	100
Antimony		0.149	
Arsenic		0.178	
Barium		0.125	
Beryllium		0.0020	
Cadmium		0.0590	
Calcium	50000	51010	102
Chromium		0.501	
Cobalt		0.0810	
Copper		0.334	
Iron	50000	49840	100
Lead		0.151	
Magnesium	50000	51380	103
Manganese		1.46	
Nickel		0.423	
Potassium	50000	50110	100
Selenium		0.0040	
Silver		0.0370	
Sodium	50000	50720	101
Thallium		0.0580	
Vanadium		-0.0230	
Zinc		2.06	
<i>Boron</i>		<i>0.220</i>	
<i>Molybdenum</i>	<i>1000</i>	<i>978</i>	<i>98</i>
<i>Tin</i>		<i>0.159</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSAB 240-65867/10

Instrument ID: I8

Lab File ID: I8112012A.csv

ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	50000	50450	101
Antimony	100	101	101
Arsenic	100	98.9	99
Barium	100	103	103
Beryllium	100	105	105
Cadmium	100	103	103
Calcium	50000	51290	103
Chromium	100	102	102
Cobalt	100	99.8	100
Copper	100	99.2	99
Iron	50000	50850	102
Lead	100	102	102
Magnesium	50000	51790	104
Manganese	100	105	105
Nickel	100	101	101
Potassium	50000	51040	102
Selenium	100	99.9	100
Silver	100	102	102
Sodium	50000	51070	102
Thallium	100	103	103
Vanadium	100	102	102
Zinc	100	104	104
<i>Boron</i>	<i>100</i>	<i>97.6</i>	<i>98</i>
<i>Molybdenum</i>	<i>1100</i>	<i>1100</i>	<i>100</i>
<i>Tin</i>	<i>100</i>	<i>103</i>	<i>103</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSA 240-66205/8

Instrument ID: I8

Lab File ID: I8112312A.csv

ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	50000	50100	100
Antimony		0.195	
Arsenic		0.353	
Barium		0.0430	
Beryllium		0.0070	
Cadmium		-0.0790	
Calcium	50000	50380	101
Chromium		0.513	
Cobalt		0.0890	
Copper		0.321	
Iron	50000	50610	101
Lead		0.167	
Magnesium	50000	51640	103
Manganese		0.0820	
Nickel		0.345	
Potassium	50000	50000	100
Selenium		-0.0360	
Silver		0.0270	
Sodium	50000	51410	103
Thallium		0.189	
Vanadium		-0.0340	
Zinc		0.870	
<i>Boron</i>		<i>0.418</i>	
<i>Molybdenum</i>	<i>1000</i>	<i>986</i>	<i>99</i>
<i>Strontium</i>		<i>0.167</i>	
<i>Tin</i>		<i>0.0560</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSAB 240-66205/9

Instrument ID: I8

Lab File ID: I8112312A.csv

ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	50000	50540	101
Antimony	100	100	100
Arsenic	100	97.9	98
Barium	100	102	102
Beryllium	100	103	103
Cadmium	100	102	102
Calcium	50000	50300	101
Chromium	100	101	101
Cobalt	100	99.6	100
Copper	100	99.0	99
Iron	50000	50840	102
Lead	100	100	100
Magnesium	50000	52270	105
Manganese	100	107	107
Nickel	100	99.7	100
Potassium	50000	50040	100
Selenium	100	100	100
Silver	100	102	102
Sodium	50000	51700	103
Thallium	100	105	105
Vanadium	100	101	101
Zinc	100	104	104
<i>Boron</i>	<i>100</i>	<i>99.3</i>	<i>99</i>
<i>Molybdenum</i>	<i>1100</i>	<i>1093</i>	<i>99</i>
<i>Strontium</i>	<i>100</i>	<i>97.0</i>	<i>97</i>
<i>Tin</i>	<i>100</i>	<i>102</i>	<i>102</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICSA 240-66869/9 Instrument ID: I8
 Lab File ID: I8112912A.csv ICS Source: MTMSICSAW_00020
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Calcium	50000	56080	112
Zinc		0.917	
<i>Aluminum</i>	<i>50000</i>	<i>52950</i>	<i>106</i>
<i>Antimony</i>		<i>0.197</i>	
<i>Arsenic</i>		<i>0.0860</i>	
<i>Barium</i>		<i>0.0700</i>	
<i>Beryllium</i>		<i>0.0020</i>	
<i>Boron</i>		<i>0.0490</i>	
<i>Cadmium</i>		<i>0.115</i>	
<i>Chromium</i>		<i>0.339</i>	
<i>Cobalt</i>		<i>0.0610</i>	
<i>Copper</i>		<i>0.288</i>	
<i>Iron</i>	<i>50000</i>	<i>49290</i>	<i>99</i>
<i>Lead</i>		<i>0.138</i>	
<i>Magnesium</i>	<i>50000</i>	<i>50800</i>	<i>102</i>
<i>Manganese</i>		<i>0.163</i>	
<i>Molybdenum</i>	<i>1000</i>	<i>997</i>	<i>100</i>
<i>Nickel</i>		<i>0.374</i>	
<i>Potassium</i>	<i>50000</i>	<i>56250</i>	<i>113</i>
<i>Selenium</i>		<i>0.103</i>	
<i>Silver</i>		<i>0.0370</i>	
<i>Sodium</i>	<i>50000</i>	<i>49980</i>	<i>100</i>
<i>Strontium</i>		<i>0.166</i>	
<i>Thallium</i>		<i>0.0990</i>	
<i>Tin</i>		<i>0.0880</i>	
<i>Vanadium</i>		<i>-0.465</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSAB 240-66869/10

Instrument ID: I8

Lab File ID: I8112912A.csv

ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Calcium	50000	54280	109
Zinc	100	101	101
<i>Aluminum</i>	<i>50000</i>	<i>52870</i>	<i>106</i>
<i>Antimony</i>	<i>100</i>	<i>99.6</i>	<i>100</i>
<i>Arsenic</i>	<i>100</i>	<i>98.8</i>	<i>99</i>
<i>Barium</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Beryllium</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Boron</i>	<i>100</i>	<i>95.9</i>	<i>96</i>
<i>Cadmium</i>	<i>100</i>	<i>99.1</i>	<i>99</i>
<i>Chromium</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Cobalt</i>	<i>100</i>	<i>99.2</i>	<i>99</i>
<i>Copper</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Iron</i>	<i>50000</i>	<i>49760</i>	<i>100</i>
<i>Lead</i>	<i>100</i>	<i>98.8</i>	<i>99</i>
<i>Magnesium</i>	<i>50000</i>	<i>50860</i>	<i>102</i>
<i>Manganese</i>	<i>100</i>	<i>98.9</i>	<i>99</i>
<i>Molybdenum</i>	<i>1100</i>	<i>1104</i>	<i>100</i>
<i>Nickel</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Potassium</i>	<i>50000</i>	<i>54160</i>	<i>108</i>
<i>Selenium</i>	<i>100</i>	<i>99.9</i>	<i>100</i>
<i>Silver</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Sodium</i>	<i>50000</i>	<i>49890</i>	<i>100</i>
<i>Strontium</i>	<i>100</i>	<i>95.8</i>	<i>96</i>
<i>Thallium</i>	<i>100</i>	<i>91.7</i>	<i>92</i>
<i>Tin</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Vanadium</i>	<i>100</i>	<i>99.7</i>	<i>100</i>

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.: 240-17317-1
 SDG No.: _____
 Lab Sample ID: ICSA 240-66869/108 Instrument ID: I8
 Lab File ID: I8112912A.csv ICS Source: MTMSICSAW_00020
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Calcium	50000	54460	109
Zinc		1.37	
<i>Aluminum</i>	<i>50000</i>	<i>50940</i>	<i>102</i>
<i>Antimony</i>		<i>0.197</i>	
<i>Arsenic</i>		<i>0.484</i>	
<i>Barium</i>		<i>0.112</i>	
<i>Beryllium</i>		<i>0.0080</i>	
<i>Boron</i>		<i>2.10</i>	
<i>Cadmium</i>		<i>0.0430</i>	
<i>Chromium</i>		<i>0.463</i>	
<i>Cobalt</i>		<i>0.0640</i>	
<i>Copper</i>		<i>0.351</i>	
<i>Iron</i>	<i>50000</i>	<i>51110</i>	<i>102</i>
<i>Lead</i>		<i>0.148</i>	
<i>Magnesium</i>	<i>50000</i>	<i>54010</i>	<i>108</i>
<i>Manganese</i>		<i>0.272</i>	
<i>Molybdenum</i>	<i>1000</i>	<i>979</i>	<i>98</i>
<i>Nickel</i>		<i>0.370</i>	
<i>Potassium</i>	<i>50000</i>	<i>52940</i>	<i>106</i>
<i>Selenium</i>		<i>0.0400</i>	
<i>Silver</i>		<i>0.0420</i>	
<i>Sodium</i>	<i>50000</i>	<i>50960</i>	<i>102</i>
<i>Strontium</i>		<i>0.251</i>	
<i>Thallium</i>		<i>0.156</i>	
<i>Tin</i>		<i>0.182</i>	
<i>Vanadium</i>		<i>-0.275</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSAB 240-66869/109

Instrument ID: I8

Lab File ID: I8112912A.csv

ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Calcium	50000	54860	110
Zinc	100	103	103
<i>Aluminum</i>	<i>50000</i>	<i>50640</i>	<i>101</i>
<i>Antimony</i>	<i>100</i>	<i>106</i>	<i>106</i>
<i>Arsenic</i>	<i>100</i>	<i>95.0</i>	<i>95</i>
<i>Barium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Beryllium</i>	<i>100</i>	<i>115</i>	<i>115</i>
<i>Boron</i>	<i>100</i>	<i>109</i>	<i>109</i>
<i>Cadmium</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Chromium</i>	<i>100</i>	<i>98.0</i>	<i>98</i>
<i>Cobalt</i>	<i>100</i>	<i>94.1</i>	<i>94</i>
<i>Copper</i>	<i>100</i>	<i>92.2</i>	<i>92</i>
<i>Iron</i>	<i>50000</i>	<i>51430</i>	<i>103</i>
<i>Lead</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Magnesium</i>	<i>50000</i>	<i>54190</i>	<i>108</i>
<i>Manganese</i>	<i>100</i>	<i>99.8</i>	<i>100</i>
<i>Molybdenum</i>	<i>1100</i>	<i>1094</i>	<i>99</i>
<i>Nickel</i>	<i>100</i>	<i>93.2</i>	<i>93</i>
<i>Potassium</i>	<i>50000</i>	<i>53890</i>	<i>108</i>
<i>Selenium</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Silver</i>	<i>100</i>	<i>98.8</i>	<i>99</i>
<i>Sodium</i>	<i>50000</i>	<i>50750</i>	<i>102</i>
<i>Strontium</i>	<i>100</i>	<i>99.6</i>	<i>100</i>
<i>Thallium</i>	<i>100</i>	<i>91.9</i>	<i>92</i>
<i>Tin</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Vanadium</i>	<i>100</i>	<i>97.7</i>	<i>98</i>

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSA 240-67023/8

Instrument ID: I8

Lab File ID: I8113012B.csv

ICS Source: MTMSICSAW_00020

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Calcium	50000	50990	102
Manganese		0.0720	
<i>Aluminum</i>	<i>50000</i>	<i>49130</i>	<i>98</i>
<i>Antimony</i>		<i>0.160</i>	
<i>Arsenic</i>		<i>0.313</i>	
<i>Barium</i>		<i>0.0820</i>	
<i>Beryllium</i>		<i>-0.0010</i>	
<i>Boron</i>		<i>0.132</i>	
<i>Cadmium</i>		<i>-0.0060</i>	
<i>Chromium</i>		<i>0.411</i>	
<i>Cobalt</i>		<i>0.0640</i>	
<i>Copper</i>		<i>0.286</i>	
<i>Iron</i>	<i>50000</i>	<i>50120</i>	<i>100</i>
<i>Lead</i>		<i>0.153</i>	
<i>Magnesium</i>	<i>50000</i>	<i>50470</i>	<i>101</i>
<i>Molybdenum</i>	<i>1000</i>	<i>999</i>	<i>100</i>
<i>Nickel</i>		<i>0.395</i>	
<i>Potassium</i>	<i>50000</i>	<i>49960</i>	<i>100</i>
<i>Selenium</i>		<i>0.0700</i>	
<i>Silver</i>		<i>0.0370</i>	
<i>Sodium</i>	<i>50000</i>	<i>50600</i>	<i>101</i>
<i>Strontium</i>		<i>0.169</i>	
<i>Thallium</i>		<i>0.105</i>	
<i>Tin</i>		<i>0.0890</i>	
<i>Vanadium</i>		<i>-0.0880</i>	
<i>Zinc</i>		<i>0.436</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Lab Sample ID: ICSAB 240-67023/9

Instrument ID: I8

Lab File ID: I8113012B.csv

ICS Source: MTMSICSABW_00019

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Calcium	50000	51060	102
Manganese	100	90.5	90
<i>Aluminum</i>	<i>50000</i>	<i>49540</i>	<i>99</i>
<i>Antimony</i>	<i>100</i>	<i>99.4</i>	<i>99</i>
<i>Arsenic</i>	<i>100</i>	<i>99.7</i>	<i>100</i>
<i>Barium</i>	<i>100</i>	<i>99.4</i>	<i>99</i>
<i>Beryllium</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Boron</i>	<i>100</i>	<i>97.5</i>	<i>98</i>
<i>Cadmium</i>	<i>100</i>	<i>98.7</i>	<i>99</i>
<i>Chromium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Cobalt</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Copper</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Iron</i>	<i>50000</i>	<i>50480</i>	<i>101</i>
<i>Lead</i>	<i>100</i>	<i>104</i>	<i>104</i>
<i>Magnesium</i>	<i>50000</i>	<i>50860</i>	<i>102</i>
<i>Molybdenum</i>	<i>1100</i>	<i>1108</i>	<i>101</i>
<i>Nickel</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Potassium</i>	<i>50000</i>	<i>50310</i>	<i>101</i>
<i>Selenium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Silver</i>	<i>100</i>	<i>99.2</i>	<i>99</i>
<i>Sodium</i>	<i>50000</i>	<i>51020</i>	<i>102</i>
<i>Strontium</i>	<i>100</i>	<i>96.7</i>	<i>97</i>
<i>Thallium</i>	<i>100</i>	<i>94.3</i>	<i>94</i>
<i>Tin</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Vanadium</i>	<i>100</i>	<i>99.9</i>	<i>100</i>
<i>Zinc</i>	<i>100</i>	<i>103</i>	<i>103</i>

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

5A-IN
 MATRIX SPIKE SAMPLE RECOVERY
 METALS

Client ID: 068SS-0003M-0001-SO MS

Lab ID: 240-17317-7 MS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	14700	13000	855	233	70-130	D 4	6020/DOD
Antimony	2.16	0.64 U	8.55	25	75-125	D J	6020/DOD
Arsenic	21.2	12	8.55	112	23-131	D	6020/DOD
Barium	90.5	95	8.55	-52	10-199	D 4	6020/DOD
Beryllium	9.42	0.87	8.55	100	58-112	D	6020/DOD
Cadmium	8.60	0.12 J	8.55	99	58-110	D	6020/DOD
Calcium	5750	3900	855	221	70-130	D 4	6020/DOD
Chromium	31.5	22	8.55	110	10-199	D	6020/DOD
Cobalt	20.7	13	8.55	92	55-110	D	6020/DOD
Copper	28.2	18	8.55	121	10-199	D	6020/DOD
Iron	29800	31000	855	-160	70-130	D 4	6020/DOD
Lead	26.3	18	8.55	94	10-199	D	6020/DOD
Magnesium	5030	3700	855	161	70-130	D 4	6020/DOD
Manganese	386	520	8.55	-1520	10-199	D 4	6020/DOD
Nickel	39.3	28	8.55	134	10-176	D	6020/DOD
Potassium	1990	1200	855	90	70-130	D	6020/DOD
Selenium	8.05	0.57	8.55	87	39-116	D	6020/DOD
Silver	8.66	0.029 J	8.55	101	75-125	D	6020/DOD
Sodium	898	52 J	855	99	70-130	D	6020/DOD
Thallium	7.97	0.64 U	8.55	93	82-110	D	6020/DOD
Vanadium	29.6	21	8.55	95	39-129	D	6020/DOD
Zinc	81.2	63	8.55	209	10-199	D 4	6020/DOD
Hg	0.187	0.046 J	0.164	85	80-120		7471/DOD

SSR = Spiked Sample Result

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

5A-IN
 MATRIX SPIKE SAMPLE RECOVERY
 METALS

Client ID: 076SD-0009-0001-SO MS

Lab ID: 240-17317-19 MS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	10700	7500	962	338	70-130	4	6020/DOD
Antimony	2.88	0.72 U	9.62	30	75-125	D J	6020/DOD
Arsenic	19.2	9.5	9.62	101	23-131		6020/DOD
Barium	69.6	57	9.62	135	10-199	D 4	6020/DOD
Beryllium	9.66	0.45	9.62	96	58-112		6020/DOD
Cadmium	8.92	0.16 J	9.62	91	58-110		6020/DOD
Calcium	3130	1800	962	143	70-130	J	6020/DOD
Chromium	48.8	44	9.62	52	10-199	4	6020/DOD
Cobalt	16.1	7.3	9.62	91	55-110		6020/DOD
Copper	23.8	15	9.62	90	10-199		6020/DOD
Iron	20500	19000	962	192	70-130	4	6020/DOD
Lead	28.2	19	9.62	97	10-199	D	6020/DOD
Magnesium	2910	1800	962	119	70-130		6020/DOD
Manganese	327	310	9.62	189	10-199	4	6020/DOD
Nickel	36.5	30	9.62	71	10-176		6020/DOD
Potassium	1770	590	962	123	70-130		6020/DOD
Selenium	8.58	0.52	9.62	84	39-116		6020/DOD
Silver	8.86	0.029 J	9.62	92	75-125		6020/DOD
Sodium	902	49 J	962	89	70-130		6020/DOD
Thallium	9.13	0.72 U	9.62	95	82-110	D	6020/DOD
Vanadium	25.4	14	9.62	122	39-129		6020/DOD
Zinc	65.5	49	9.62	176	10-199	4	6020/DOD
Hg	0.191	0.053 J	0.159	87	80-120		7471/DOD

SSR = Spiked Sample Result

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

6-IN
 DUPLICATES
 METALS

Client ID: 068SS-0003M-0001-SO DU

Lab ID: 240-17317-7 DU

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	8.5	13000	11700	9		6020/DOD
Antimony	0.85	0.64 U	0.64 U	NC		6020/DOD
Arsenic	0.43	12	11.2	4		6020/DOD
Barium	2.1	95	83.7	13	D	6020/DOD
Beryllium	0.085	0.87	0.790	9		6020/DOD
Cadmium	0.17	0.12 J	0.116 J	4		6020/DOD
Calcium	170	3900	4560	17		6020/DOD
Chromium	0.43	22	21.1	5		6020/DOD
Cobalt	0.085	13	11.0	16		6020/DOD
Copper	0.34	18	17.2	4		6020/DOD
Iron	210	31000	29000	7	D	6020/DOD
Lead	1.3	18	18.0	2	D	6020/DOD
Magnesium	85	3700	3670	0.5		6020/DOD
Manganese	2.1	520	372	33	D J	6020/DOD
Nickel	0.43	28	26.8	4		6020/DOD
Potassium	85	1200	1060	15		6020/DOD
Selenium	0.43	0.57	0.543	6		6020/DOD
Silver	0.085	0.029 J	0.0282 J	4		6020/DOD
Sodium	85	52 J	54.1 J	3		6020/DOD
Thallium	0.85	0.64 U	0.64 U	NC		6020/DOD
Vanadium	0.43	21	19.6	9		6020/DOD
Zinc	3.4	63	57.4	10		6020/DOD
Hg	0.098	0.046 J	0.0485 J	4		7471/DOD

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

6-IN
DUPLICATES
METALS

Client ID: 076SD-0009-0001-SO DU

Lab ID: 240-17317-19 DU

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	9.6	7500	8220	10		6020/DOD
Antimony	0.96	0.72 U	1.87	NC	D	6020/DOD
Arsenic	0.48	9.5	10.7	12		6020/DOD
Barium	2.4	57	60.3	6	D	6020/DOD
Beryllium	0.096	0.45	0.494	10		6020/DOD
Cadmium	0.19	0.16 J	0.180 J	10		6020/DOD
Calcium	190	1800	1860	6		6020/DOD
Chromium	0.48	44	34.7	23	J	6020/DOD
Cobalt	0.096	7.3	7.60	4		6020/DOD
Copper	0.38	15	15.8	4		6020/DOD
Iron	48	19000	19400	4		6020/DOD
Lead	1.4	19	20.5	8	D	6020/DOD
Magnesium	96	1800	1860	5		6020/DOD
Manganese	0.48	310	321	4		6020/DOD
Nickel	0.48	30	25.8	14		6020/DOD
Potassium	96	590	672	14		6020/DOD
Selenium	0.48	0.52	0.583	12		6020/DOD
Silver	0.096	0.029 J	0.0286 J	3		6020/DOD
Sodium	96	49 J	51.9 J	6		6020/DOD
Thallium	0.96	0.72 U	0.72 U	NC		6020/DOD
Vanadium	0.48	14	15.4	12		6020/DOD
Zinc	3.8	49	53.2	9		6020/DOD
Hg	0.095	0.053 J	0.0548 J	2		7471/DOD

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

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-65145/2-A

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

Sample Matrix: Solid

LCS Source: MTICPMS2_00009

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	1000	940		94	80	120		6020/DOD
Antimony	10.0	9.23		92	68	113		6020/DOD
Arsenic	100	90.1		90	73	110		6020/DOD
Barium	100	93.3		93	70	110		6020/DOD
Beryllium	100	99.8		100	79	110		6020/DOD
Cadmium	100	96.1		96	74	110		6020/DOD
Calcium	1000	930		93	80	120		6020/DOD
Chromium	100	94.8		95	70	110		6020/DOD
Cobalt	100	92.7		93	74	110		6020/DOD
Copper	100	95.9		96	73	110		6020/DOD
Iron	1000	939		94	80	120		6020/DOD
Lead	100	89.1		89	75	110		6020/DOD
Magnesium	1000	964		96	80	120		6020/DOD
Manganese	100	95.9		96	80	120		6020/DOD
Nickel	100	94.5		95	75	110		6020/DOD
Potassium	1000	937		94	80	120		6020/DOD
Selenium	100	89.7		90	65	110		6020/DOD
Silver	10.0	9.99		100	60	114		6020/DOD
Sodium	1000	940		94	80	120		6020/DOD
Thallium	25.0	22.2		89	71	110		6020/DOD
Vanadium	100	91.0		91	72	110		6020/DOD
Zinc	100	97.1		97	72	113		6020/DOD

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-65198/2-A

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

Sample Matrix: Solid

LCS Source: MTICPMS2_00009

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	1000	936		94	80	120		6020/DOD
Antimony	10.0	9.31		93	68	113		6020/DOD
Arsenic	100	86.3		86	73	110		6020/DOD
Barium	100	93.6		94	70	110		6020/DOD
Beryllium	100	93.4		93	79	110		6020/DOD
Cadmium	100	97.4		97	74	110		6020/DOD
Calcium	1000	902		90	80	120		6020/DOD
Chromium	100	93.0		93	70	110		6020/DOD
Cobalt	100	91.9		92	74	110		6020/DOD
Copper	100	94.5		95	73	110		6020/DOD
Iron	1000	984		98	80	120		6020/DOD
Lead	100	91.9		92	75	110		6020/DOD
Magnesium	1000	986		99	80	120		6020/DOD
Manganese	100	94.5		94	80	120		6020/DOD
Nickel	100	93.4		93	75	110		6020/DOD
Potassium	1000	966		97	80	120		6020/DOD
Selenium	100	85.5		85	65	110		6020/DOD
Silver	10.0	10.2		102	60	114		6020/DOD
Sodium	1000	994		99	80	120		6020/DOD
Thallium	25.0	22.3		89	71	110		6020/DOD
Vanadium	100	89.0		89	72	110		6020/DOD
Zinc	100	93.3		93	72	113		6020/DOD

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-65191/2-A

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

Sample Matrix: Solid

LCS Source: MTHGICVW_00428

Analyte	Solid(mg/Kg)						
	True	Found	C	%R	Limits	Q	Method
Hg	0.833	0.689		83	80 120		7471/DOD

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-65204/2-A

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

Sample Matrix: Solid

LCS Source: MTHGICVW_00428

Analyte	Solid(mg/Kg)						
	True	Found	C	%R	Limits	Q	Method
Hg	0.833	0.705		85	80 120		7471/DOD

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

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17317-1
 SDG Number: _____
 Matrix: Solid Instrument ID: I8
 Method: 6020/DOD DL Date: 02/22/2010 11:00
 Prep Method: 3050B
 Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Aluminum	27.00	10	2.49
Antimony	121.00	0.2	0.062
Arsenic	75.00	0.5	0.0522
Barium	137.00	0.5	0.13
Beryllium	9.00	0.1	0.1
Cadmium	111.00	0.2	0.0031
Calcium	43.00	200	40.05
Chromium	52.00	0.5	0.16
Cobalt	59.00	0.1	0.0045
Copper	65.00	0.4	0.11
Iron	56.00	50	10.91
Lead	208.00	0.3	0.0705
Magnesium	25.00	100	8.9
Manganese	55.00	0.5	0.16
Nickel	60.00	0.5	0.0864
Potassium	39.00	100	3.76
Selenium	78.00	0.5	0.0207
Silver	107.00	0.1	0.016
Sodium	23.00	100	14.01
Thallium	205.00	0.2	0.0562
Vanadium	51.00	0.5	0.0432
Zinc	66.00	4	1

9-IN
 CALIBRATION BLANK DETECTION LIMITS
 METALS

Lab Name: TestAmerica Canton Job Number: 240-17317-1
 SDG Number: _____
 Matrix: Solid Instrument ID: I8
 Method: 6020/DOD XMDL Date: 07/15/2011 16:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27.00	60	20.2
Antimony	121.00	2	0.21
Arsenic	75.00	5	0.44
Barium	137.00	5	1.3
Beryllium	9.00	1	0.033
Cadmium	111.00	2	0.023
Calcium	43.00	2000	400.5
Chromium	52.00	2	0.53
Cobalt	59.00	1	0.03
Copper	65.00	4	1.1
Iron	56.00	150	43.7
Lead	208.00	1	0.2
Magnesium	25.00	1000	89
Manganese	55.00	5	1.05
Nickel	60.00	5	0.62
Potassium	39.00	1000	15.69
Selenium	78.00	5	0.199
Silver	107.00	1	0.08
Sodium	23.00	1000	140.1
Thallium	205.00	2	0.32
Vanadium	51.00	5	0.432
Zinc	66.00	40	8.84

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17317-1
SDG Number: _____
Matrix: Solid Instrument ID: H1
Method: 7471/DOD DL Date: 02/16/2010 09:46
Prep Method: 7471A
Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Hg	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17317-1
SDG Number: _____
Matrix: Solid Instrument ID: H1
Method: 7471/DOD XMDL Date: 02/16/2010 09:47

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

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-65145/1-A	11/15/2012 10:09	65145	1.00		100
LCS 240-65145/2-A	11/15/2012 10:09	65145	1.00		100
240-17317-1	11/15/2012 10:09	65145	1.05		100
240-17317-2	11/15/2012 10:09	65145	1.22		100
240-17317-3	11/15/2012 10:09	65145	1.17		100
240-17317-4	11/15/2012 10:09	65145	1.29		100
240-17317-5	11/15/2012 10:09	65145	1.07		100
240-17317-6	11/15/2012 10:09	65145	1.18		100
240-17317-7	11/15/2012 10:09	65145	1.17		100
240-17317-7 DU	11/15/2012 10:09	65145	1.17		100
240-17317-7 MS	11/15/2012 10:09	65145	1.17		100
240-17317-8	11/15/2012 10:09	65145	1.26		100
240-17317-9	11/15/2012 10:09	65145	1.01		100
240-17317-10	11/15/2012 10:09	65145	1.12		100
240-17317-14	11/15/2012 10:09	65145	1.28		100
240-17317-15	11/15/2012 10:09	65145	1.19		100
240-17317-16	11/15/2012 10:09	65145	1.22		100
240-17317-17	11/15/2012 10:09	65145	1.25		100
240-17317-18	11/15/2012 10:09	65145	1.15		100
240-17317-19	11/15/2012 10:09	65145	1.04		100
240-17317-19 DU	11/15/2012 10:09	65145	1.04		100
240-17317-19 MS	11/15/2012 10:09	65145	1.04		100
240-17317-20	11/15/2012 10:09	65145	1.03		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-65198/1-A	11/15/2012 12:19	65198	1.00		100
LCS 240-65198/2-A	11/15/2012 12:19	65198	1.00		100
240-17317-21	11/15/2012 12:19	65198	1.04		100
240-17317-22	11/15/2012 12:19	65198	1.02		100
240-17317-23	11/15/2012 12:19	65198	1.28		100
240-17317-24	11/15/2012 12:19	65198	1.27		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17317-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-65191/1-A	11/15/2012 14:40	65191	0.60		100
LCS 240-65191/2-A	11/15/2012 14:40	65191	0.60		100
240-17317-1	11/15/2012 14:40	65191	0.55		100
240-17317-2	11/15/2012 14:40	65191	0.57		100
240-17317-3	11/15/2012 14:40	65191	0.67		100
240-17317-4	11/15/2012 14:40	65191	0.58		100
240-17317-5	11/15/2012 14:40	65191	0.56		100
240-17317-6	11/15/2012 14:40	65191	0.55		100
240-17317-7	11/15/2012 14:40	65191	0.61		100
240-17317-7 DU	11/15/2012 14:40	65191	0.61		100
240-17317-7 MS	11/15/2012 14:40	65191	0.61		100
240-17317-8	11/15/2012 14:40	65191	0.53		100
240-17317-9	11/15/2012 14:40	65191	0.62		100
240-17317-10	11/15/2012 14:40	65191	0.55		100
240-17317-14	11/15/2012 14:40	65191	0.59		100
240-17317-15	11/15/2012 14:40	65191	0.65		100
240-17317-16	11/15/2012 14:40	65191	0.63		100
240-17317-17	11/15/2012 14:40	65191	0.61		100
240-17317-18	11/15/2012 14:40	65191	0.62		100
240-17317-19	11/15/2012 14:40	65191	0.63		100
240-17317-19 DU	11/15/2012 14:40	65191	0.63		100
240-17317-19 MS	11/15/2012 14:40	65191	0.63		100
240-17317-20	11/15/2012 14:40	65191	0.56		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-65204/1-A	11/15/2012 14:40	65204	0.60		100
LCS 240-65204/2-A	11/15/2012 14:40	65204	0.60		100
240-17317-21	11/15/2012 14:40	65204	0.64		100
240-17317-22	11/15/2012 14:40	65204	0.65		100
240-17317-23	11/15/2012 14:40	65204	0.66		100
240-17317-24	11/15/2012 14:40	65204	0.68		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				A	A	A	B	B	C	C	C	C	C	F	K	M	M	N	N	P	S	S	T
				g	l	s	a	e	a	d	o	r	u	e		g	n	a	i	b	b	e	l
ICIS 240-65867/1	1		09:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 240-65867/2 IC	1		09:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 240-65867/3 IC	1		09:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD4 240-65867/4 IC	1		09:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 240-65867/5	1		10:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 240-65867/6	1		10:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:12																				
CRI 240-65867/8	1		10:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 240-65867/9	1		10:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 240-65867/10	1		10:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-65867/11			10:54																				
CCB 240-65867/12			11:01																				
ZZZZZZ			11:07																				
ZZZZZZ			11:14																				
ZZZZZZ			11:19																				
ZZZZZZ			11:24																				
CCV 240-65867/17			11:29																				
CCB 240-65867/18			11:36																				
ZZZZZZ			11:41																				
ZZZZZZ			11:46																				
ZZZZZZ			11:51																				
ZZZZZZ			11:56																				
ZZZZZZ			12:03																				
CCV 240-65867/24	1		12:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-65867/25	1		12:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 240-65145/1-A	1	T	12:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 240-65145/2-A	1	T	12:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:32																				
ZZZZZZ			12:37																				
ZZZZZZ			12:42																				
ZZZZZZ			12:47																				
ZZZZZZ			12:54																				
ZZZZZZ			13:01																				
ZZZZZZ			13:06																				
240-17317-1	1	T	13:11	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	
CCV 240-65867/36	1		13:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-65867/37	1		13:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-2	1	T	13:28	X	X	X	X	X		X	X	X	X	X	X			X	X	X	X	X	X
240-17317-3	1	T	13:33	X	X	X	X	X		X	X	X	X	X	X			X	X	X	X	X	X
240-17317-4	1	T	13:37	X	X	X	X	X		X	X	X	X	X	X			X	X	X	X	X	X
240-17317-5	1	T	13:42	X	X	X	X	X		X	X	X	X	X	X			X	X	X	X	X	X
240-17317-6	1	T	13:47	X	X	X	X	X		X	X	X	X	X	X			X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
240-17317-7	1	T	13:52	X	X	X		X	X	X	X	X	X	X	X	X	X	X			X		
240-17317-7 DU	1	T	13:57	X	X	X		X	X	X	X	X	X	X	X	X	X	X			X		
ZZZZZZ			14:02																				
240-17317-8	1	T	14:09	X		X		X	X	X				X		X							X
240-17317-9	1	T	14:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-65867/48	1		14:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-65867/49	1		14:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-10	1	T	14:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-14	1	T	14:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-15	1	T	14:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-16	1	T	14:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-17	1	T	14:51	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	
240-17317-18	1	T	14:56	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	
240-17317-19	1	T	15:01	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	
240-17317-19 DU	1	T	15:06	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	
240-17317-19 MS	1	T	15:11	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	
240-17317-20	1	T	15:18	X		X		X		X													X
CCV 240-65867/60	1		15:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-65867/61	1		15:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 240-65867/62	1		15:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:40																				
ZZZZZZ			15:45																				
CCV 240-65867/65			15:52																				
CCB 240-65867/66			15:59																				
ZZZZZZ			16:04																				
ZZZZZZ			16:09																				
ZZZZZZ			16:14																				
ZZZZZZ			16:19																				
ZZZZZZ			16:26																				
ZZZZZZ			16:31																				
ZZZZZZ			16:36																				
ZZZZZZ			16:43																				
ZZZZZZ			16:51																				
ZZZZZZ			16:58																				
CCV 240-65867/77			17:03																				
CCB 240-65867/78			17:10																				
ZZZZZZ			17:15																				
ZZZZZZ			17:20																				
ZZZZZZ			17:25																				
ZZZZZZ			17:30																				
ZZZZZZ			17:35																				
ZZZZZZ			17:40																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			17:45																				
ZZZZZZ			17:50																				
ZZZZZZ			17:55																				
CCV 240-65867/88			18:00																				
CCB 240-65867/89			18:06																				
ICSA 240-65867/90			18:11																				
ICSAB 240-65867/91			18:16																				
CCV 240-65867/92			18:24																				
CCB 240-65867/93			18:31																				
ZZZZZZ			18:36																				
ZZZZZZ			18:41																				
ZZZZZZ			18:46																				
ZZZZZZ			18:53																				
ZZZZZZ			19:00																				
ZZZZZZ			19:05																				
ZZZZZZ			19:10																				
ZZZZZZ			19:15																				
ZZZZZZ			19:20																				
ZZZZZZ			19:25																				
CCV 240-65867/104			19:30																				
CCB 240-65867/105			19:37																				
ZZZZZZ			19:42																				
ZZZZZZ			19:47																				
ZZZZZZ			19:52																				
ZZZZZZ			19:57																				
ZZZZZZ			20:02																				
ZZZZZZ			20:07																				
ZZZZZZ			20:12																				
ZZZZZZ			20:17																				
ZZZZZZ			20:22																				
ZZZZZZ			20:27																				
CCV 240-65867/116			20:32																				
CCB 240-65867/117			20:39																				
ZZZZZZ			20:44																				
ZZZZZZ			20:48																				
ZZZZZZ			20:53																				
ZZZZZZ			20:58																				
ZZZZZZ			21:03																				
ZZZZZZ			21:08																				
ZZZZZZ			21:13																				
ZZZZZZ			21:18																				
ZZZZZZ			21:23																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			21:29																				
CCV 240-65867/128			21:33																				
CCB 240-65867/129			21:40																				
ZZZZZZ			21:45																				
ZZZZZZ			21:50																				
ZZZZZZ			21:55																				
ZZZZZZ			22:00																				
CCV 240-65867/134			22:07																				
CCB 240-65867/135			22:14																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
ICIS 240-65867/1	1		09:36	X	X														
STD2 240-65867/2 IC	1		09:41	X	X														
STD3 240-65867/3 IC	1		09:48	X	X														
STD4 240-65867/4 IC	1		09:55	X	X														
ICV 240-65867/5	1		10:00	X	X														
ICB 240-65867/6	1		10:07	X	X														
ZZZZZZ			10:12																
CRI 240-65867/8	1		10:27	X	X														
ICSA 240-65867/9	1		10:41	X	X														
ICSAB 240-65867/10	1		10:47	X	X														
CCV 240-65867/11			10:54																
CCB 240-65867/12			11:01																
ZZZZZZ			11:07																
ZZZZZZ			11:14																
ZZZZZZ			11:19																
ZZZZZZ			11:24																
CCV 240-65867/17			11:29																
CCB 240-65867/18			11:36																
ZZZZZZ			11:41																
ZZZZZZ			11:46																
ZZZZZZ			11:51																
ZZZZZZ			11:56																
ZZZZZZ			12:03																
CCV 240-65867/24	1		12:08	X	X														
CCB 240-65867/25	1		12:15	X	X														
MB 240-65145/1-A	1	T	12:20	X	X														
LCS 240-65145/2-A	1	T	12:25	X	X														
ZZZZZZ			12:32																
ZZZZZZ			12:37																
ZZZZZZ			12:42																
ZZZZZZ			12:47																
ZZZZZZ			12:54																
ZZZZZZ			13:01																
ZZZZZZ			13:06																
240-17317-1	1	T	13:11	X	X														
CCV 240-65867/36	1		13:16	X	X														
CCB 240-65867/37	1		13:23	X	X														
240-17317-2	1	T	13:28	X	X														
240-17317-3	1	T	13:33	X	X														
240-17317-4	1	T	13:37	X	X														
240-17317-5	1	T	13:42	X	X														
240-17317-6	1	T	13:47	X	X														

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
240-17317-7	1	T	13:52	X	X														
240-17317-7 DU	1	T	13:57	X	X														
ZZZZZZ			14:02																
240-17317-8	1	T	14:09																
240-17317-9	1	T	14:14	X	X														
CCV 240-65867/48	1		14:19	X	X														
CCB 240-65867/49	1		14:26	X	X														
240-17317-10	1	T	14:31	X	X														
240-17317-14	1	T	14:36	X															
240-17317-15	1	T	14:41	X	X														
240-17317-16	1	T	14:46	X	X														
240-17317-17	1	T	14:51	X	X														
240-17317-18	1	T	14:56	X	X														
240-17317-19	1	T	15:01	X	X														
240-17317-19 DU	1	T	15:06	X	X														
240-17317-19 MS	1	T	15:11	X	X														
240-17317-20	1	T	15:18																
CCV 240-65867/60	1		15:23	X	X														
CCB 240-65867/61	1		15:30	X	X														
CRI 240-65867/62	1		15:35	X	X														
ZZZZZZ			15:40																
ZZZZZZ			15:45																
CCV 240-65867/65			15:52																
CCB 240-65867/66			15:59																
ZZZZZZ			16:04																
ZZZZZZ			16:09																
ZZZZZZ			16:14																
ZZZZZZ			16:19																
ZZZZZZ			16:26																
ZZZZZZ			16:31																
ZZZZZZ			16:36																
ZZZZZZ			16:43																
ZZZZZZ			16:51																
ZZZZZZ			16:58																
CCV 240-65867/77			17:03																
CCB 240-65867/78			17:10																
ZZZZZZ			17:15																
ZZZZZZ			17:20																
ZZZZZZ			17:25																
ZZZZZZ			17:30																
ZZZZZZ			17:35																
ZZZZZZ			17:40																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/20/2012 09:36 End Date: 11/20/2012 22:14

Lab Sample ID	D / F	Type	Time	Analytes															
				V	Zn														
ZZZZZZ			17:45																
ZZZZZZ			17:50																
ZZZZZZ			17:55																
CCV 240-65867/88			18:00																
CCB 240-65867/89			18:06																
ICSA 240-65867/90			18:11																
ICSAB 240-65867/91			18:16																
CCV 240-65867/92			18:24																
CCB 240-65867/93			18:31																
ZZZZZZ			18:36																
ZZZZZZ			18:41																
ZZZZZZ			18:46																
ZZZZZZ			18:53																
ZZZZZZ			19:00																
ZZZZZZ			19:05																
ZZZZZZ			19:10																
ZZZZZZ			19:15																
ZZZZZZ			19:20																
ZZZZZZ			19:25																
CCV 240-65867/104			19:30																
CCB 240-65867/105			19:37																
ZZZZZZ			19:42																
ZZZZZZ			19:47																
ZZZZZZ			19:52																
ZZZZZZ			19:57																
ZZZZZZ			20:02																
ZZZZZZ			20:07																
ZZZZZZ			20:12																
ZZZZZZ			20:17																
ZZZZZZ			20:22																
ZZZZZZ			20:27																
CCV 240-65867/116			20:32																
CCB 240-65867/117			20:39																
ZZZZZZ			20:44																
ZZZZZZ			20:48																
ZZZZZZ			20:53																
ZZZZZZ			20:58																
ZZZZZZ			21:03																
ZZZZZZ			21:08																
ZZZZZZ			21:13																
ZZZZZZ			21:18																
ZZZZZZ			21:23																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ICIS 240-66205/1	1		09:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 240-66205/2 IC	1		09:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 240-66205/3 IC	1		09:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD4 240-66205/4 IC	1		09:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 240-66205/5	1		09:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 240-66205/6	1		09:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 240-66205/7	1		10:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 240-66205/8	1		10:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 240-66205/9	1		10:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-66205/10			10:25																				
CCB 240-66205/11			10:32																				
ZZZZZZ			10:37																				
ZZZZZZ			10:45																				
ZZZZZZ			10:51																				
ZZZZZZ			10:58																				
ZZZZZZ			11:04																				
ZZZZZZ			11:09																				
ZZZZZZ			11:14																				
CCV 240-66205/19			11:21																				
CCB 240-66205/20			11:28																				
ZZZZZZ			11:33																				
ZZZZZZ			11:38																				
ZZZZZZ			11:43																				
CCV 240-66205/24	1		11:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/25	1		11:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:02																				
ZZZZZZ			12:07																				
ZZZZZZ			12:12																				
ZZZZZZ			12:17																				
ZZZZZZ			12:22																				
ZZZZZZ			12:28																				
240-17317-1	5	T	12:33				X													X	X		X
240-17317-2	5	T	12:38					X									X						
240-17317-3	10	T	12:43					X								X	X						
240-17317-4	10	T	12:48					X									X						
CCV 240-66205/36	1		12:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/37	1		13:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-5	2	T	13:05					X									X						
240-17317-6	5	T	13:10					X									X						
240-17317-7	5	T	13:15				X						X				X			X	X		X
240-17317-7 DU	5	T	13:20				X						X				X			X	X		X
240-17317-7 MS	5	T	13:25				X						X				X			X	X		X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
240-17317-7 MS	5	T	13:31	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
240-17317-8	5	T	13:36		X		X				X	X	X	X		X		X	X	X	X		X
240-17317-9	5	T	13:41													X							
240-17317-10	5	T	13:46													X							
240-17317-14	10	T	13:51													X							
CCV 240-66205/48	1		13:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/49	1		14:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-15	10	T	14:08													X							
240-17317-16	10	T	14:13													X							
240-17317-17	5	T	14:18				X									X			X	X		X	
240-17317-18	5	T	14:23				X												X	X		X	
240-17317-19	5	T	14:28				X												X	X		X	
240-17317-19 DU	5	T	14:33				X												X	X		X	
240-17317-19 MS	5	T	14:38				X												X	X		X	
240-17317-20	5	T	14:43		X		X		X		X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-66205/58	1		14:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/59	1		14:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:00																				
ZZZZZZ			15:05																				
MB 240-65198/1-A	1	T	15:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 240-65198/2-A	1	T	15:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:22																				
ZZZZZZ			15:27																				
ZZZZZZ			15:32																				
ZZZZZZ			15:37																				
ZZZZZZ			15:44																				
240-17317-21	1	T	15:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 240-66205/70	1		15:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/71	1		16:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-22	1	T	16:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17317-23	1	T	16:14	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X	X	X	X
240-17317-24	1	T	16:18	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:23																				
ZZZZZZ			16:28																				
ZZZZZZ			16:33																				
ZZZZZZ			16:38																				
ZZZZZZ			16:43																				
ZZZZZZ			16:48																				
ZZZZZZ			16:53																				
CCV 240-66205/82	1		17:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 240-66205/83	1		17:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			17:18																				
ZZZZZZ			17:22																				
ZZZZZZ			17:27																				
ZZZZZZ			17:32																				
ZZZZZZ			17:39																				
ZZZZZZ			17:44																				
ZZZZZZ			17:49																				
ZZZZZZ			17:54																				
ZZZZZZ			17:59																				
CCV 240-66205/94			18:04																				
CCB 240-66205/95			18:11																				
ZZZZZZ			18:16																				
ZZZZZZ			18:21																				
ZZZZZZ			18:28																				
CCV 240-66205/99			18:33																				
CCB 240-66205/100			18:41																				
CRI 240-66205/101	1		18:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:51																				
ICSA 240-66205/103			18:56																				
ICSA B 240-66205/104			19:01																				
CCV 240-66205/105			19:08																				
CCB 240-66205/106			19:15																				
ZZZZZZ			19:20																				
ZZZZZZ			19:25																				
ZZZZZZ			19:32																				
ZZZZZZ			19:37																				
ZZZZZZ			19:42																				
ZZZZZZ			19:49																				
ZZZZZZ			19:55																				
ZZZZZZ			20:02																				
CCV 240-66205/115			20:07																				
CCB 240-66205/116			20:14																				
ZZZZZZ			20:19																				
ZZZZZZ			20:24																				
ZZZZZZ			20:29																				
ZZZZZZ			20:34																				
ZZZZZZ			20:39																				
ZZZZZZ			20:44																				
ZZZZZZ			20:49																				
ZZZZZZ			20:54																				
ZZZZZZ			20:59																				
ZZZZZZ			21:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
CCV 240-66205/127			21:11																				
CCB 240-66205/128			21:18																				
ZZZZZZ			21:23																				
ZZZZZZ			21:28																				
ZZZZZZ			21:33																				
ZZZZZZ			21:41																				
ZZZZZZ			21:48																				
ZZZZZZ			21:55																				
ZZZZZZ			22:00																				
ZZZZZZ			22:05																				
ZZZZZZ			22:10																				
ZZZZZZ			22:15																				
CCV 240-66205/139			22:20																				
CCB 240-66205/140			22:27																				
ZZZZZZ			22:32																				
ZZZZZZ			22:37																				
ZZZZZZ			22:42																				
ZZZZZZ			22:47																				
ZZZZZZ			22:52																				
ZZZZZZ			22:57																				
ZZZZZZ			23:02																				
ZZZZZZ			23:07																				
ZZZZZZ			23:12																				
ZZZZZZ			23:17																				
CCV 240-66205/151			23:25																				
CCB 240-66205/152			23:32																				
ZZZZZZ			23:37																				
ZZZZZZ			23:42																				
ZZZZZZ			23:47																				
ZZZZZZ			23:52																				
ZZZZZZ			23:57																				
ZZZZZZ			00:02																				
ZZZZZZ			00:07																				
ZZZZZZ			00:12																				
ZZZZZZ			00:17																				
CCV 240-66205/162			00:22																				
CCB 240-66205/163			00:29																				
ZZZZZZ			00:34																				
ZZZZZZ			00:39																				
ZZZZZZ			00:44																				
ZZZZZZ			00:49																				
ZZZZZZ			00:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			01:01																				
CCV 240-66205/170			01:06																				
CCB 240-66205/171			01:13																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes															
				V	Zn														
ICIS 240-66205/1	1		09:28	X	X														
STD2 240-66205/2 IC	1		09:33	X	X														
STD3 240-66205/3 IC	1		09:40	X	X														
STD4 240-66205/4 IC	1		09:47	X	X														
ICV 240-66205/5	1		09:52	X	X														
ICB 240-66205/6	1		09:59	X	X														
CRI 240-66205/7	1		10:04	X	X														
ICSA 240-66205/8	1		10:09	X	X														
ICSAB 240-66205/9	1		10:18	X	X														
CCV 240-66205/10			10:25																
CCB 240-66205/11			10:32																
ZZZZZZ			10:37																
ZZZZZZ			10:45																
ZZZZZZ			10:51																
ZZZZZZ			10:58																
ZZZZZZ			11:04																
ZZZZZZ			11:09																
ZZZZZZ			11:14																
CCV 240-66205/19			11:21																
CCB 240-66205/20			11:28																
ZZZZZZ			11:33																
ZZZZZZ			11:38																
ZZZZZZ			11:43																
CCV 240-66205/24	1		11:48	X	X														
CCB 240-66205/25	1		11:55	X	X														
ZZZZZZ			12:02																
ZZZZZZ			12:07																
ZZZZZZ			12:12																
ZZZZZZ			12:17																
ZZZZZZ			12:22																
ZZZZZZ			12:28																
240-17317-1	5	T	12:33																
240-17317-2	5	T	12:38																
240-17317-3	10	T	12:43																
240-17317-4	10	T	12:48																
CCV 240-66205/36	1		12:53	X	X														
CCB 240-66205/37	1		13:00	X	X														
240-17317-5	2	T	13:05																
240-17317-6	5	T	13:10																
240-17317-7	5	T	13:15																
240-17317-7 DU	5	T	13:20																
240-17317-7 MS	5	T	13:25																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes															
				V	Zn														
240-17317-7 MS	5	T	13:31	X	X														
240-17317-8	5	T	13:36	X	X														
240-17317-9	5	T	13:41																
240-17317-10	5	T	13:46																
240-17317-14	10	T	13:51		X														
CCV 240-66205/48	1		13:56	X	X														
CCB 240-66205/49	1		14:03	X	X														
240-17317-15	10	T	14:08																
240-17317-16	10	T	14:13																
240-17317-17	5	T	14:18																
240-17317-18	5	T	14:23																
240-17317-19	5	T	14:28																
240-17317-19 DU	5	T	14:33																
240-17317-19 MS	5	T	14:38																
240-17317-20	5	T	14:43	X	X														
CCV 240-66205/58	1		14:48	X	X														
CCB 240-66205/59	1		14:55	X	X														
ZZZZZZ			15:00																
ZZZZZZ			15:05																
MB 240-65198/1-A	1	T	15:10	X	X														
LCS 240-65198/2-A	1	T	15:15	X	X														
ZZZZZZ			15:22																
ZZZZZZ			15:27																
ZZZZZZ			15:32																
ZZZZZZ			15:37																
ZZZZZZ			15:44																
240-17317-21	1	T	15:52	X	X														
CCV 240-66205/70	1		15:56	X	X														
CCB 240-66205/71	1		16:04	X	X														
240-17317-22	1	T	16:09	X	X														
240-17317-23	1	T	16:14	X															
240-17317-24	1	T	16:18	X	X														
ZZZZZZ			16:23																
ZZZZZZ			16:28																
ZZZZZZ			16:33																
ZZZZZZ			16:38																
ZZZZZZ			16:43																
ZZZZZZ			16:48																
ZZZZZZ			16:53																
CCV 240-66205/82	1		17:00	X	X														
CCB 240-66205/83	1		17:08	X	X														
ZZZZZZ			17:13																

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes															
				V	Zn														
ZZZZZZ			17:18																
ZZZZZZ			17:22																
ZZZZZZ			17:27																
ZZZZZZ			17:32																
ZZZZZZ			17:39																
ZZZZZZ			17:44																
ZZZZZZ			17:49																
ZZZZZZ			17:54																
ZZZZZZ			17:59																
CCV 240-66205/94			18:04																
CCB 240-66205/95			18:11																
ZZZZZZ			18:16																
ZZZZZZ			18:21																
ZZZZZZ			18:28																
CCV 240-66205/99			18:33																
CCB 240-66205/100			18:41																
CRI 240-66205/101	1		18:46	X	X														
ZZZZZZ			18:51																
ICSA 240-66205/103			18:56																
ICSAB 240-66205/104			19:01																
CCV 240-66205/105			19:08																
CCB 240-66205/106			19:15																
ZZZZZZ			19:20																
ZZZZZZ			19:25																
ZZZZZZ			19:32																
ZZZZZZ			19:37																
ZZZZZZ			19:42																
ZZZZZZ			19:49																
ZZZZZZ			19:55																
ZZZZZZ			20:02																
CCV 240-66205/115			20:07																
CCB 240-66205/116			20:14																
ZZZZZZ			20:19																
ZZZZZZ			20:24																
ZZZZZZ			20:29																
ZZZZZZ			20:34																
ZZZZZZ			20:39																
ZZZZZZ			20:44																
ZZZZZZ			20:49																
ZZZZZZ			20:54																
ZZZZZZ			20:59																
ZZZZZZ			21:04																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	Type	Time	Analytes															
				V	Zn														
CCV 240-66205/127			21:11																
CCB 240-66205/128			21:18																
ZZZZZZ			21:23																
ZZZZZZ			21:28																
ZZZZZZ			21:33																
ZZZZZZ			21:41																
ZZZZZZ			21:48																
ZZZZZZ			21:55																
ZZZZZZ			22:00																
ZZZZZZ			22:05																
ZZZZZZ			22:10																
ZZZZZZ			22:15																
CCV 240-66205/139			22:20																
CCB 240-66205/140			22:27																
ZZZZZZ			22:32																
ZZZZZZ			22:37																
ZZZZZZ			22:42																
ZZZZZZ			22:47																
ZZZZZZ			22:52																
ZZZZZZ			22:57																
ZZZZZZ			23:02																
ZZZZZZ			23:07																
ZZZZZZ			23:12																
ZZZZZZ			23:17																
CCV 240-66205/151			23:25																
CCB 240-66205/152			23:32																
ZZZZZZ			23:37																
ZZZZZZ			23:42																
ZZZZZZ			23:47																
ZZZZZZ			23:52																
ZZZZZZ			23:57																
ZZZZZZ			00:02																
ZZZZZZ			00:07																
ZZZZZZ			00:12																
ZZZZZZ			00:17																
CCV 240-66205/162			00:22																
CCB 240-66205/163			00:29																
ZZZZZZ			00:34																
ZZZZZZ			00:39																
ZZZZZZ			00:44																
ZZZZZZ			00:49																
ZZZZZZ			00:56																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/23/2012 09:28 End Date: 11/24/2012 01:13

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				V	Z n																		
ZZZZZZ			01:01																				
CCV 240-66205/170			01:06																				
CCB 240-66205/171			01:13																				

Prep Types
T = Total/NA

13-IN
 ANALYSIS RUN LOG
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				C a	Z n																		
ICIS 240-66869/1	1		09:58	X	X																		
STD2 240-66869/2 IC	1		10:03	X	X																		
STD3 240-66869/3 IC	1		10:10	X	X																		
STD4 240-66869/4 IC	1		10:17	X	X																		
ICV 240-66869/5	1		10:23	X	X																		
ICB 240-66869/6	1		10:30	X	X																		
CRI 240-66869/7	1		10:35	X	X																		
CRI 240-66869/8			10:41																				
ICSA 240-66869/9	1		10:46	X	X																		
ICSAB 240-66869/10	1		10:52	X	X																		
CCV 240-66869/11			10:59																				
CCB 240-66869/12			11:06																				
ZZZZZZ			11:12																				
ZZZZZZ			11:17																				
ZZZZZZ			11:22																				
ZZZZZZ			11:30																				
ZZZZZZ			11:35																				
ZZZZZZ			11:40																				
ZZZZZZ			11:48																				
ZZZZZZ			11:55																				
ZZZZZZ			12:02																				
CCV 240-66869/22			12:07																				
CCB 240-66869/23			12:15																				
CRI 240-66869/24			12:20																				
ZZZZZZ			12:26																				
ZZZZZZ			12:31																				
ZZZZZZ			12:38																				
ZZZZZZ			12:44																				
ZZZZZZ			12:49																				
ZZZZZZ			12:55																				
ZZZZZZ			13:00																				
ZZZZZZ			13:06																				
ZZZZZZ			13:11																				
CCV 240-66869/34			13:17																				
CCB 240-66869/35			13:24																				
ZZZZZZ			13:29																				
ZZZZZZ			13:35																				
ZZZZZZ			13:41																				
ZZZZZZ			13:46																				
ZZZZZZ			13:51																				
ZZZZZZ			13:57																				
ZZZZZZ			14:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes															
				C	Z														
ZZZZZZ			14:10																
ZZZZZZ			14:15																
ZZZZZZ			14:22																
CCV 240-66869/46			14:30																
CCB 240-66869/47			14:37																
ZZZZZZ			14:42																
ZZZZZZ			14:48																
ZZZZZZ			14:53																
ZZZZZZ			14:59																
ZZZZZZ			15:04																
ZZZZZZ			15:10																
ZZZZZZ			15:15																
ZZZZZZ			15:21																
ZZZZZZ			15:26																
ZZZZZZ			15:32																
CCV 240-66869/58			15:37																
CCB 240-66869/59			15:44																
ZZZZZZ			15:50																
ZZZZZZ			15:55																
ZZZZZZ			16:01																
ZZZZZZ			16:06																
ZZZZZZ			16:12																
ZZZZZZ			16:19																
ZZZZZZ			16:24																
ZZZZZZ			16:30																
ZZZZZZ			16:37																
ZZZZZZ			16:45																
CCV 240-66869/70			16:50																
CCB 240-66869/71			16:57																
ZZZZZZ			17:03																
ZZZZZZ			17:08																
ZZZZZZ			17:14																
ZZZZZZ			17:19																
ZZZZZZ			17:25																
ZZZZZZ			17:30																
ZZZZZZ			17:36																
ZZZZZZ			17:41																
ZZZZZZ			17:47																
ZZZZZZ			17:52																
CCV 240-66869/82			17:58																
CCB 240-66869/83			18:04																
ZZZZZZ			18:10																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C a	Z n														
ZZZZZZ			18:15																
ZZZZZZ			18:21																
ZZZZZZ			18:26																
ZZZZZZ			18:34																
ZZZZZZ			18:39																
ZZZZZZ			18:45																
ZZZZZZ			18:52																
ZZZZZZ			18:59																
ZZZZZZ			19:04																
CCV 240-66869/94			19:10																
CCB 240-66869/95			19:17																
ZZZZZZ			19:22																
ZZZZZZ			19:28																
ZZZZZZ			19:33																
ZZZZZZ			19:39																
ZZZZZZ			19:44																
ZZZZZZ			19:50																
ZZZZZZ			19:56																
ZZZZZZ			20:01																
ZZZZZZ			20:07																
ZZZZZZ			20:12																
CCV 240-66869/106			20:18																
CCB 240-66869/107			20:24																
ICSA 240-66869/108	1		20:30	X	X														
ICSAB 240-66869/109	1		20:35	X	X														
CCV 240-66869/110			20:42																
CCB 240-66869/111			20:50																
ZZZZZZ			20:55																
ZZZZZZ			21:01																
ZZZZZZ			21:08																
ZZZZZZ			21:14																
ZZZZZZ			21:19																
ZZZZZZ			21:26																
CCV 240-66869/118			21:34																
CCB 240-66869/119			21:41																
ZZZZZZ			21:46																
ZZZZZZ			21:52																
ZZZZZZ			21:57																
ZZZZZZ			22:03																
ZZZZZZ			22:08																
ZZZZZZ			22:14																
ZZZZZZ			22:20																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C a	Z n														
ZZZZZZ			22:25																
ZZZZZZ			22:31																
ZZZZZZ			22:36																
CCV 240-66869/130			22:42																
CCB 240-66869/131			22:48																
ZZZZZZ			22:54																
ZZZZZZ			22:59																
ZZZZZZ			23:05																
ZZZZZZ			23:10																
ZZZZZZ			23:16																
ZZZZZZ			23:22																
ZZZZZZ			23:27																
ZZZZZZ			23:33																
ZZZZZZ			23:38																
ZZZZZZ			23:44																
CCV 240-66869/142			23:49																
CCB 240-66869/143			23:55																
ZZZZZZ			00:01																
ZZZZZZ			00:08																
ZZZZZZ			00:14																
ZZZZZZ			00:19																
ZZZZZZ			00:26																
ZZZZZZ			00:34																
ZZZZZZ			00:39																
ZZZZZZ			00:45																
ZZZZZZ			00:50																
ZZZZZZ			00:56																
CCV 240-66869/154			01:01																
CCB 240-66869/155			01:08																
ZZZZZZ			01:13																
ZZZZZZ			01:19																
ZZZZZZ			01:25																
ZZZZZZ			01:30																
ZZZZZZ			01:36																
ZZZZZZ			01:41																
ZZZZZZ			01:47																
ZZZZZZ			01:52																
ZZZZZZ			01:58																
ZZZZZZ			02:03																
CCV 240-66869/166			02:09																
CCB 240-66869/167			02:16																
ZZZZZZ			02:21																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	Type	Time	Analytes															
				C	Z														
ZZZZZZ			02:27																
ZZZZZZ			02:32																
ZZZZZZ			02:38																
ZZZZZZ			02:43																
ZZZZZZ			02:49																
ZZZZZZ			02:56																
ZZZZZZ			03:02																
ZZZZZZ			03:07																
ZZZZZZ			03:14																
CCV 240-66869/178			03:22																
CCB 240-66869/179			03:29																
ZZZZZZ			03:34																
ZZZZZZ			03:40																
ZZZZZZ			03:45																
ZZZZZZ			03:51																
ZZZZZZ			03:57																
ZZZZZZ			04:02																
ZZZZZZ			04:08																
ZZZZZZ			04:13																
ZZZZZZ			04:19																
ZZZZZZ			04:24																
CCV 240-66869/190	1		04:30	X	X														
CCB 240-66869/191	1		04:36	X	X														
ZZZZZZ			04:42																
ZZZZZZ			04:48																
ZZZZZZ			04:53																
ZZZZZZ			04:59																
ZZZZZZ			05:04																
ZZZZZZ			05:10																
ZZZZZZ			05:15																
ZZZZZZ			05:21																
240-17317-23	10	T	05:27	X	X														
ZZZZZZ			05:32																
CCV 240-66869/202	1		05:38	X	X														
CCB 240-66869/203	1		05:44	X	X														
ZZZZZZ			05:50																
ZZZZZZ			05:55																
ZZZZZZ			06:01																
ZZZZZZ			06:06																
ZZZZZZ			06:12																
CCV 240-66869/209	1		06:17	X	X														
CCB 240-66869/210	1		06:24	X	X														

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/29/2012 09:58 End Date: 11/30/2012 06:36

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C a	Z n														
CRI 240-66869/211	1		06:30	X	X														
ZZZZZZ			06:36																

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C a	M n														
ICIS 240-67023/1	1		09:27	X	X														
STD2 240-67023/2 IC	1		09:33	X	X														
STD3 240-67023/3 IC	1		09:39	X	X														
STD4 240-67023/4 IC	1		09:46	X	X														
ICV 240-67023/5	1		09:51	X	X														
ICB 240-67023/6	1		09:58	X	X														
CRI 240-67023/7	1		10:03	X	X														
ICSA 240-67023/8	1		10:09	X	X														
ICSAB 240-67023/9	1		10:14	X	X														
CCV 240-67023/10			10:21																
CCB 240-67023/11			10:28																
ZZZZZZ			10:33																
ZZZZZZ			10:39																
ZZZZZZ			10:44																
ZZZZZZ			10:50																
ZZZZZZ			10:55																
ZZZZZZ			11:00																
ZZZZZZ			11:06																
CCV 240-67023/19	1		11:11	X	X														
CCB 240-67023/20	1		11:18	X	X														
ZZZZZZ			11:24																
ZZZZZZ			11:29																
ZZZZZZ			11:35																
ZZZZZZ			11:40																
240-17317-23	20	T	11:46		X														
240-17317-24	10	T	11:51	X															
ZZZZZZ			11:56																
ZZZZZZ			12:02																
ZZZZZZ			12:08																
CCV 240-67023/30	1		12:13	X	X														
CCB 240-67023/31	1		12:20	X	X														
ZZZZZZ			12:25																
CRI 240-67023/33	1		12:31	X	X														
ZZZZZZ			12:36																
ZZZZZZ			12:42																
ZZZZZZ			12:47																
ZZZZZZ			12:53																
CCV 240-67023/38			12:58																
CCB 240-67023/39			13:04																
ZZZZZZ			13:10																
ZZZZZZ			13:15																
ZZZZZZ			13:23																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C a	M n														
ZZZZZZ			13:28																
ZZZZZZ			13:34																
ZZZZZZ			13:41																
ZZZZZZ			13:48																
ZZZZZZ			13:54																
ZZZZZZ			13:59																
ZZZZZZ			14:04																
CCV 240-67023/50			14:10																
CCB 240-67023/51			14:17																
ZZZZZZ			14:22																
ZZZZZZ			14:28																
ZZZZZZ			14:33																
ZZZZZZ			14:39																
ZZZZZZ			14:45																
ZZZZZZ			14:50																
ZZZZZZ			14:56																
ZZZZZZ			15:01																
ZZZZZZ			15:07																
ZZZZZZ			15:12																
CCV 240-67023/62			15:18																
CCB 240-67023/63			15:24																
ZZZZZZ			15:30																
ZZZZZZ			15:35																
ZZZZZZ			15:41																
ZZZZZZ			15:46																
ZZZZZZ			15:52																
ZZZZZZ			15:57																
ZZZZZZ			16:03																
ZZZZZZ			16:10																
ZZZZZZ			16:15																
ZZZZZZ			16:21																
CCV 240-67023/74			16:28																
CCB 240-67023/75			16:36																
ZZZZZZ			16:41																
ZZZZZZ			16:48																
ZZZZZZ			16:54																
ZZZZZZ			16:59																
ZZZZZZ			17:05																
ZZZZZZ			17:10																
ZZZZZZ			17:16																
ZZZZZZ			17:21																
ZZZZZZ			17:27																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	Type	Time	Analytes																
				C	M															
ZZZZZZ			17:32																	
CCV 240-67023/86			17:38																	
CCB 240-67023/87			17:45																	
ZZZZZZ			17:50																	
ZZZZZZ			17:56																	
ZZZZZZ			18:01																	
ZZZZZZ			18:07																	
ZZZZZZ			18:12																	
ZZZZZZ			18:18																	
ZZZZZZ			18:23																	
ZZZZZZ			18:29																	
ZZZZZZ			18:34																	
ZZZZZZ			18:40																	
CCV 240-67023/98			18:45																	
CCB 240-67023/99			18:52																	
ZZZZZZ			18:57																	
ZZZZZZ			19:03																	
ZZZZZZ			19:10																	
ZZZZZZ			19:15																	
ZZZZZZ			19:21																	
ZZZZZZ			19:28																	
ZZZZZZ			19:35																	
ZZZZZZ			19:41																	
ZZZZZZ			19:46																	
ZZZZZZ			19:52																	
CCV 240-67023/110			19:58																	
CCB 240-67023/111			20:04																	
ZZZZZZ			20:10																	
ZZZZZZ			20:15																	
ZZZZZZ			20:21																	
ICSA 240-67023/115			20:26																	
ICSAB 240-67023/116			20:32																	
ZZZZZZ			20:39																	
ZZZZZZ			20:44																	
ZZZZZZ			20:51																	
ZZZZZZ			20:57																	
ZZZZZZ			21:02																	
CCV 240-67023/122			21:10																	
CCB 240-67023/123			21:17																	
ZZZZZZ			21:22																	
ZZZZZZ			21:30																	
ZZZZZZ			21:35																	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C a	M n														
ZZZZZZ			21:41																
ZZZZZZ			21:46																
ZZZZZZ			21:52																
ZZZZZZ			21:57																
ZZZZZZ			22:03																
ZZZZZZ			22:08																
ZZZZZZ			22:14																
CCV 240-67023/134			22:19																
CCB 240-67023/135			22:26																
ZZZZZZ			22:31																
ZZZZZZ			22:37																
ZZZZZZ			22:42																
ZZZZZZ			22:48																
ZZZZZZ			22:53																
ZZZZZZ			22:59																
ZZZZZZ			23:04																
ZZZZZZ			23:10																
ZZZZZZ			23:15																
ZZZZZZ			23:21																
CCV 240-67023/146			23:27																
CCB 240-67023/147			23:33																
ZZZZZZ			23:39																
ZZZZZZ			23:44																
ZZZZZZ			23:52																
ZZZZZZ			23:57																
ZZZZZZ			00:03																
ZZZZZZ			00:10																
ZZZZZZ			00:17																
ZZZZZZ			00:23																
ZZZZZZ			00:28																
ZZZZZZ			00:34																
CCV 240-67023/158			00:39																
CCB 240-67023/159			00:45																
ZZZZZZ			00:51																
ZZZZZZ			00:56																
ZZZZZZ			01:02																
ZZZZZZ			01:08																
ZZZZZZ			01:13																
ZZZZZZ			01:19																
ZZZZZZ			01:24																
ZZZZZZ			01:30																
ZZZZZZ			01:35																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: I8 Method: 6020/DOD

Start Date: 11/30/2012 09:27 End Date: 12/01/2012 02:29

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				C a	M n																		
CCV 240-67023/169			01:41																				
CCB 240-67023/170			01:47																				
ZZZZZZ			01:52																				
ZZZZZZ			01:59																				
ZZZZZZ			02:07																				
ZZZZZZ			02:14																				
CCV 240-67023/175			02:21																				
CCB 240-67023/176			02:29																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/16/2012 09:03 End Date: 11/16/2012 19:52

Lab Sample ID	D / F	Type	Time	Analytes															
				H	g														
IC 240-65225/1-A			09:03	X															
IC 240-65225/2-A			09:05	X															
IC 240-65225/3-A			09:06	X															
IC 240-65225/4-A			09:07	X															
IC 240-65225/5-A			09:09	X															
IC 240-65225/6-A			09:10	X															
ICV 240-65225/7-A	1		09:12	X															
ICB 240-65225/8-A	1		09:14	X															
CRA 240-65225/9-A	1		09:16	X															
CCV 240-65225/10-A			09:25																
CCB 240-65225/11-A			09:26																
ZZZZZZ			09:28																
ZZZZZZ			09:29																
ZZZZZZ			09:31																
ZZZZZZ			09:33																
ZZZZZZ			09:34																
ZZZZZZ			09:36																
CCV 240-65225/10-A			09:37																
CCB 240-65225/11-A			09:38																
CCV 240-65225/10-A	1		18:08	X															
CCB 240-65225/11-A	1		18:10	X															
MB 240-65191/1-A	1	T	18:11	X															
LCS 240-65191/2-A	1	T	18:13	X															
ZZZZZZ			18:15																
ZZZZZZ			18:16																
ZZZZZZ			18:18																
ZZZZZZ			18:19																
ZZZZZZ			18:21																
240-17317-1	1	T	18:22	X															
240-17317-2	1	T	18:23	X															
240-17317-3	1	T	18:25	X															
CCV 240-65225/10-A	1		18:26	X															
CCB 240-65225/11-A	1		18:28	X															
240-17317-4	1	T	18:30	X															
240-17317-5	1	T	18:31	X															
240-17317-6	1	T	18:32	X															
240-17317-7	1	T	18:34	X															
240-17317-7 DU	1	T	18:35	X															
240-17317-7 MS	1	T	18:36	X															
240-17317-8	1	T	18:38	X															
240-17317-9	1	T	18:39	X															
240-17317-10	1	T	18:41	X															

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/16/2012 09:03 End Date: 11/16/2012 19:52

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
240-17317-14	1	T	18:42	X															
CCV 240-65225/10-A	1		18:44	X															
CCB 240-65225/11-A	1		18:45	X															
240-17317-15	1	T	18:47	X															
240-17317-16	1	T	18:48	X															
240-17317-17	1	T	18:50	X															
240-17317-18	1	T	18:52	X															
240-17317-19	1	T	18:53	X															
240-17317-19 DU	1	T	18:54	X															
240-17317-19 MS	1	T	18:56	X															
240-17317-20	1	T	18:57	X															
MB 240-65204/1-A	1	T	18:59	X															
LCS 240-65204/2-A	1	T	19:00	X															
CCV 240-65225/10-A	1		19:01	X															
CCB 240-65225/11-A	1		19:03	X															
ZZZZZZ			19:04																
ZZZZZZ			19:05																
ZZZZZZ			19:07																
240-17317-21	1	T	19:08	X															
240-17317-22	1	T	19:10	X															
240-17317-23	1	T	19:11	X															
240-17317-24	1	T	19:12	X															
ZZZZZZ			19:14																
ZZZZZZ			19:15																
ZZZZZZ			19:16																
CCV 240-65225/10-A	1		19:18	X															
CCB 240-65225/11-A	1		19:20	X															
ZZZZZZ			19:21																
ZZZZZZ			19:22																
ZZZZZZ			19:24																
ZZZZZZ			19:26																
ZZZZZZ			19:28																
ZZZZZZ			19:29																
ZZZZZZ			19:30																
ZZZZZZ			19:32																
ZZZZZZ			19:33																
ZZZZZZ			19:35																
CCV 240-65225/10-A			19:36																
CCB 240-65225/11-A			19:38																
ZZZZZZ			19:40																
ZZZZZZ			19:41																
ZZZZZZ			19:42																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/16/2012 09:03 End Date: 11/16/2012 19:52

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			19:44																
ZZZZZZ			19:45																
ZZZZZZ			19:46																
ZZZZZZ			19:48																
CRA 240-65225/9-A	1		19:49	X															
CCV 240-65225/10-A			19:51																
CCB 240-65225/11-A			19:52																

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/20/2012 End Date: 11/20/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-65867/1	09:36	100		100		100		100		100	
STD2 240-65867/2 IC	09:41	92		94		100		97		98	
STD3 240-65867/3 IC	09:48	89		94		99		94		98	
STD4 240-65867/4 IC	09:55	80		84		88		91		93	
ICV 240-65867/5	10:00	89		92		95		93		95	
ICB 240-65867/6	10:07	80		85		90		90		93	
CRI 240-65867/8	10:27	77		82		85		84		88	
ICSA 240-65867/9	10:41	76		79		87		87		90	
ICSAB 240-65867/10	10:47	82		85		90		90		92	
CCV 240-65867/24	12:08	81		84		90		88		90	
CCB 240-65867/25	12:15	73		78		80		82		85	
MB 240-65145/1-A	12:20	72		78		78		80		83	
LCS 240-65145/2-A	12:25	69		74		78		79		84	
240-17317-1	13:11	99		114		120		115		115	
CCV 240-65867/36	13:16	86		90		97		95		98	
CCB 240-65867/37	13:23	77		83		87		88		92	
240-17317-2	13:28	65		75		84		78		86	
240-17317-3	13:33	65		75		83		77		86	
240-17317-4	13:37	63		74		80		75		84	
240-17317-5	13:42	60		68		76		73		81	
240-17317-6	13:47	58		67		73		71		80	
240-17317-7	13:52	82		100		113		109		109	
240-17317-7 DU	13:57	91		109		119		114		114	
240-17317-7 MS	14:02	93		111		123	Q	117		117	
240-17317-8	14:09	93		114		124	Q	119		118	
240-17317-9	14:14	84		99		103		100		105	
CCV 240-65867/48	14:19	78		85		92		90		95	
CCB 240-65867/49	14:26	70		78		82		84		88	
240-17317-10	14:31	76		92		101		99		103	
240-17317-14	14:36	62		71		79		75		84	
240-17317-15	14:41	81		96		105		102		105	
240-17317-16	14:46	92		107		115		112		113	
240-17317-17	14:51	88		106		114		111		110	
240-17317-18	14:56	98		116		120		118		116	
240-17317-19	15:01	98		115		119		115		116	
240-17317-19 DU	15:06	95		114		117		114		114	
240-17317-19 MS	15:11	95		109		116		113		112	
240-17317-20	15:18	101		120		123	Q	118		118	
CCV 240-65867/60	15:23	77		84		87		86		90	
CCB 240-65867/61	15:30	71		79		81		83		87	
CRI 240-65867/62	15:35	72		81		81		82		86	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/20/2012 End Date: 11/20/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-65867/1	09:36			100		100					
STD2 240-65867/2 IC	09:41			100		94					
STD3 240-65867/3 IC	09:48			99		89					
STD4 240-65867/4 IC	09:55			94		97					
ICV 240-65867/5	10:00			97		92					
ICB 240-65867/6	10:07			94		96					
CRI 240-65867/8	10:27			90		92					
ICSA 240-65867/9	10:41			90		87					
ICSAB 240-65867/10	10:47			92		89					
CCV 240-65867/24	12:08			93		88					
CCB 240-65867/25	12:15			87		90					
MB 240-65145/1-A	12:20			86		88					
LCS 240-65145/2-A	12:25			88		87					
240-17317-1	13:11			125	Q	107					
CCV 240-65867/36	13:16			100		95					
CCB 240-65867/37	13:23			93		97					
240-17317-2	13:28			104		84					
240-17317-3	13:33			111		81					
240-17317-4	13:37			106		81					
240-17317-5	13:42			93		85					
240-17317-6	13:47			92		85					
240-17317-7	13:52			125	Q	106					
240-17317-7 DU	13:57			127	Q	108					
240-17317-7 MS	14:02			130	Q	111					
240-17317-8	14:09			127	Q	114					
240-17317-9	14:14			113		100					
CCV 240-65867/48	14:19			98		93					
CCB 240-65867/49	14:26			91		95					
240-17317-10	14:31			113		102					
240-17317-14	14:36			94		87					
240-17317-15	14:41			116		103					
240-17317-16	14:46			117		108					
240-17317-17	14:51			124	Q	106					
240-17317-18	14:56			129	Q	111					
240-17317-19	15:01			123	Q	109					
240-17317-19 DU	15:06			122	Q	106					
240-17317-19 MS	15:11			120		108					
240-17317-20	15:18			124	Q	110					
CCV 240-65867/60	15:23			94		89					
CCB 240-65867/61	15:30			90		92					
CRI 240-65867/62	15:35			90		92					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/23/2012 End Date: 11/23/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-66205/1	09:28	100		100		100		100		100	
STD2 240-66205/2 IC	09:33	94		96		95		92		94	
STD3 240-66205/3 IC	09:40	96		99		106		99		101	
STD4 240-66205/4 IC	09:47	93		93		94		95		95	
ICV 240-66205/5	09:52	93		94		97		93		94	
ICB 240-66205/6	09:59	89		90		91		90		92	
CRI 240-66205/7	10:04	88		87		89		87		90	
ICSA 240-66205/8	10:09	87		85		91		90		92	
ICSAB 240-66205/9	10:18	92		93		95		95		97	
CCV 240-66205/24	11:48	91		92		90		87		89	
CCB 240-66205/25	11:55	88		90		90		89		90	
240-17317-1	12:33	89		96		98		96		97	
240-17317-2	12:38	80		83		84		83		85	
240-17317-3	12:43	79		83		86		85		88	
240-17317-4	12:48	79		82		86		84		87	
CCV 240-66205/36	12:53	85		88		92		90		90	
CCB 240-66205/37	13:00	84		87		86		87		88	
240-17317-5	13:05	75		79		83		81		84	
240-17317-6	13:10	75		78		82		81		84	
240-17317-7	13:15	85		92		96		96		96	
240-17317-7 DU	13:20	87		96		96		96		96	
240-17317-7 MS	13:25	88		96		97		95		95	
240-17317-7 MS	13:31	89		96		96		95		95	
240-17317-8	13:36	90		97		97		96		95	
240-17317-9	13:41	88		94		95		93		93	
240-17317-10	13:46	88		95		95		95		94	
240-17317-14	13:51	85		92		93		91		92	
CCV 240-66205/48	13:56	84		89		90		88		89	
CCB 240-66205/49	14:03	85		88		89		89		90	
240-17317-15	14:08	81		84		90		89		91	
240-17317-16	14:13	86		92		94		93		93	
240-17317-17	14:18	87		94		95		95		94	
240-17317-18	14:23	90		97		96		96		95	
240-17317-19	14:28	88		93		92		91		92	
240-17317-19 DU	14:33	85		87		82		81		82	
240-17317-19 MS	14:38	81		81		82		81		82	
240-17317-20	14:43	80		79		80		78		80	
CCV 240-66205/58	14:48	80		80		84		82		84	
CCB 240-66205/59	14:55	80		82		83		83		84	
MB 240-65198/1-A	15:10	77		77		80		81		81	
LCS 240-65198/2-A	15:15	77		78		82		81		83	
240-17317-21	15:52	88		91		88		87		87	

15-IN
 ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/23/2012 End Date: 11/23/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
CCV 240-66205/70	15:56	93		92		92		89		89	
CCB 240-66205/71	16:04	88		88		87		87		87	
240-17317-22	16:09	92		95		94		91		91	
240-17317-23	16:14	71		76		81		76		81	
240-17317-24	16:18	74		80		83		79		84	
CCV 240-66205/82	17:00	83		88		90		88		88	
CCB 240-66205/83	17:08	78		82		84		84		86	
CRI 240-66205/101	18:46	75		76		80		78		81	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/23/2012 End Date: 11/23/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-66205/1	09:28			100		100					
STD2 240-66205/2 IC	09:33			96		89					
STD3 240-66205/3 IC	09:40			100		88					
STD4 240-66205/4 IC	09:47			94		98					
ICV 240-66205/5	09:52			95		90					
ICB 240-66205/6	09:59			92		95					
CRI 240-66205/7	10:04			90		93					
ICSA 240-66205/8	10:09			91		88					
ICSAB 240-66205/9	10:18			95		92					
CCV 240-66205/24	11:48			93		87					
CCB 240-66205/25	11:55			93		95					
240-17317-1	12:33			102		98					
240-17317-2	12:38			94		87					
240-17317-3	12:43			95		89					
240-17317-4	12:48			94		89					
CCV 240-66205/36	12:53			96		87					
CCB 240-66205/37	13:00			92		92					
240-17317-5	13:05			93		85					
240-17317-6	13:10			92		88					
240-17317-7	13:15			103		97					
240-17317-7 DU	13:20			103		96					
240-17317-7 MS	13:25			102		95					
240-17317-7 MS	13:31			102		95					
240-17317-8	13:36			101		95					
240-17317-9	13:41			100		95					
240-17317-10	13:46			101		95					
240-17317-14	13:51			98		94					
CCV 240-66205/48	13:56			96		87					
CCB 240-66205/49	14:03			94		94					
240-17317-15	14:08			97		94					
240-17317-16	14:13			99		96					
240-17317-17	14:18			102		95					
240-17317-18	14:23			102		97					
240-17317-19	14:28			99		94					
240-17317-19 DU	14:33			91		88					
240-17317-19 MS	14:38			91		88					
240-17317-20	14:43			89		86					
CCV 240-66205/58	14:48			91		83					
CCB 240-66205/59	14:55			89		90					
MB 240-65198/1-A	15:10			89		88					
LCS 240-65198/2-A	15:15			91		87					
240-17317-21	15:52			96		91					

15-IN
 ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
 METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/23/2012 End Date: 11/23/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
CCV 240-66205/70	15:56			96		87					
CCB 240-66205/71	16:04			93		92					
240-17317-22	16:09			101		90					
240-17317-23	16:14			96		77					
240-17317-24	16:18			96		78					
CCV 240-66205/82	17:00			96		87					
CCB 240-66205/83	17:08			92		91					
CRI 240-66205/101	18:46			87		87					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/29/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q
ICIS 240-66869/1	09:58	100		100		100		100		100	
STD2 240-66869/2 IC	10:03	86		87		87		87		90	
STD3 240-66869/3 IC	10:10	83		88		87		85		90	
STD4 240-66869/4 IC	10:17	90		95		90		94		97	
ICV 240-66869/5	10:23	89		92		88		88		92	
ICB 240-66869/6	10:30	92		94		90		93		96	
CRI 240-66869/7	10:35	91		94		91		93		96	
ICSA 240-66869/9	10:46	80		74		85		86		89	
ICSAB 240-66869/10	10:52	83		79		86		87		91	
ICSA 240-66869/108	20:30	65		74		58		61		70	
ICSAB 240-66869/109	20:35	69		76		60		63		71	
CCV 240-66869/190	04:30	57		65		52		55		67	
CCB 240-66869/191	04:36	56		64		48		54		65	
240-17317-23	05:27	48		57		45		49		61	
240-17317-24	05:32	50		58		46		50		63	
CCV 240-66869/202	05:38	58		64		53		56		66	
CCB 240-66869/203	05:44	56		64		48		55		65	
CCV 240-66869/209	06:17	55		60		51		54		64	
CCB 240-66869/210	06:24	54		60		46		52		62	
CRI 240-66869/211	06:30	52		59		45		51		62	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/29/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-66869/1	09:58			100		100					
STD2 240-66869/2 IC	10:03			96		90					
STD3 240-66869/3 IC	10:10			95		87					
STD4 240-66869/4 IC	10:17			99		103					
ICV 240-66869/5	10:23			97		93					
ICB 240-66869/6	10:30			98		102					
CRI 240-66869/7	10:35			98		102					
ICSA 240-66869/9	10:46			92		88					
ICSAB 240-66869/10	10:52			93		89					
ICSA 240-66869/108	20:30			82		83					
ICSAB 240-66869/109	20:35			84		86					
CCV 240-66869/190	04:30			84		88					
CCB 240-66869/191	04:36			81		93					
240-17317-23	05:27			80		88					
240-17317-24	05:32			82		88					
CCV 240-66869/202	05:38			84		88					
CCB 240-66869/203	05:44			81		94					
CCV 240-66869/209	06:17			82		86					
CCB 240-66869/210	06:24			79		91					
CRI 240-66869/211	06:30			78		90					

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/30/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:											
		Element Li	Q	Element Sc	Q	Element Sc	Q	Element Ge	Q	Element In	Q		
ICIS 240-67023/1	09:27	100		100		100		100		100			
STD2 240-67023/2 IC	09:33	92		92		95		91		94			
STD3 240-67023/3 IC	09:39	88		94		94		91		94			
STD4 240-67023/4 IC	09:46	84		90		87		91		93			
ICV 240-67023/5	09:51	88		91		91		89		92			
ICB 240-67023/6	09:58	88		92		93		93		96			
CRI 240-67023/7	10:03	90		92		93		92		95			
ICSA 240-67023/8	10:09	81		82		87		86		90			
ICSAB 240-67023/9	10:14	82		84		87		86		91			
CCV 240-67023/19	11:11	87		84		90		87		90			
CCB 240-67023/20	11:18	85		84		89		89		92			
240-17317-23	11:46	77		75		80		80		86			
240-17317-24	11:51	76		75		80		81		87			
CCV 240-67023/30	12:13	80		76		86		85		88			
CCB 240-67023/31	12:20	80		78		85		86		90			
CRI 240-67023/33	12:31	78		76		80		81		87			

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

ICP-MS Instrument ID: I8 Start Date: 11/30/2012 End Date: 11/30/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
ICIS 240-67023/1	09:27			100							
STD2 240-67023/2 IC	09:33			96							
STD3 240-67023/3 IC	09:39			96							
STD4 240-67023/4 IC	09:46			95							
ICV 240-67023/5	09:51			95							
ICB 240-67023/6	09:58			95							
CRI 240-67023/7	10:03			95							
ICSA 240-67023/8	10:09			91							
ICSAB 240-67023/9	10:14			92							
CCV 240-67023/19	11:11			94							
CCB 240-67023/20	11:18			93							
240-17317-23	11:46			90							
240-17317-24	11:51			90							
CCV 240-67023/30	12:13			92							
CCB 240-67023/31	12:20			91							
CRI 240-67023/33	12:31			89							

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-20-12 Analyst: ngj Instrument: 18

Review Items

	Yes	No	N/A	2nd Level
A. Tune/Daily performance				
1. Resolution ≤ 0.9 AMU full width at 10% peak height, and within ± 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be > 8000 cps) (In > 300,000 cps) (Pb > 100,000 cps) (Co > 100,000) (Mg > 10,000) (CeO/Ce < 0.03) (Ba++/Ba < 0.03) (Background < 30 cps @ Mass 220) CCT Performance Check (In > 75000) (Se < 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (ICV: = 90 - 110%) (CCV: 90 - 110%, 200.8 = 85 - 115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within \pm RL?	✓			✓
3. CRI run and recovered within QC limits ($\pm 50\%$) or project limits?	✓			✓
4. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?	✓			✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie J. Joth Date: 11-21-12 Time: 09:36-22:14
 Level I Analyst: _____ Date: _____ Time: _____
 Level II Reviewer: Angela K. Joth Date: 11-21-12 Time: 09:36-22:14
 Level II Reviewer: _____ Date: _____ Time: _____

Comments: _____

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020 QSM DoD 4.2.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	11/20/2012 09:34:09
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

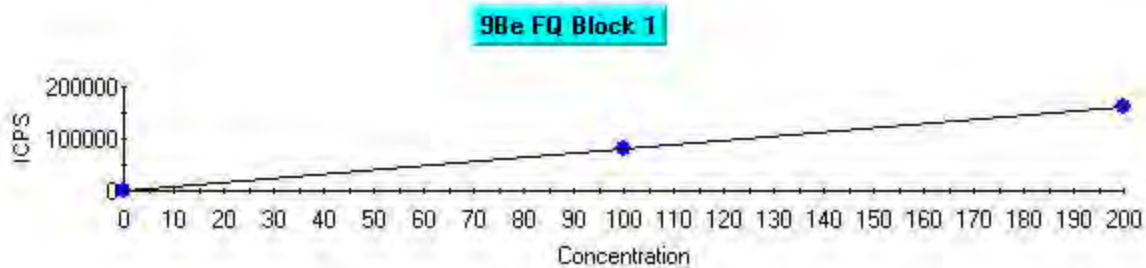
Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.

Underlining indicates that a data warning flag is set.

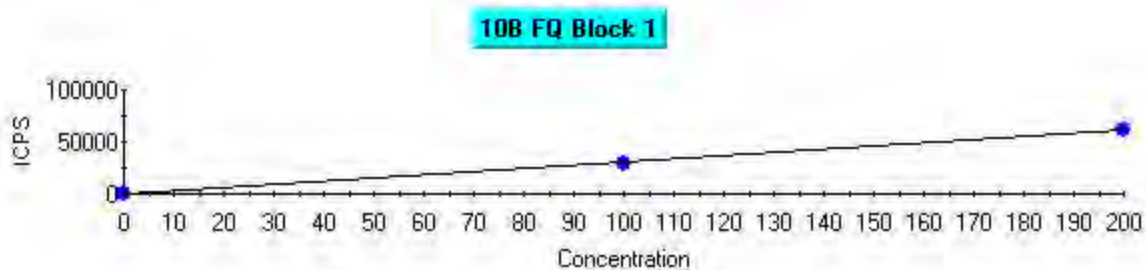
Column headings	Result cells	Data warning flags
No flag	Internal Standard	I - Invalid calibration
Semi Quant	Excluded	T - Tripped
Standard Addition	QC Warning	F - Interference correction failed
Multi Element	QC Failure	M - Result over max
	Transient TRA only:	V - Valley integration failed
	Peak Not Found	D - Different method used
	Manually Edited	
	Merged Peak	

Fully Quant Calibration



Intercept CPS=10.370615 Intercept Conc=0.012836
Sensitivity=807.954528 Correlation Coeff=0.999913

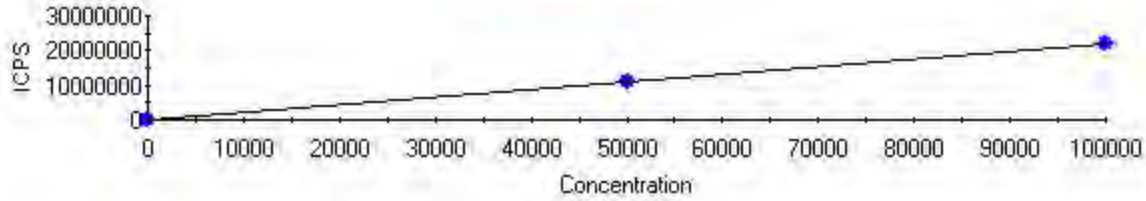
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	10.37	0.00
STD2-727016,	100.000	101.823	1.823	82278.96	1.82
STD3-664982,	200.000	199.088	0.912	160864.71	0.46



Intercept CPS=440.937004 Intercept Conc=1.449277
Sensitivity=304.246248 Correlation Coeff=0.999679

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	440.94	0.00
STD2-727016,	100.000	96.460	3.540	29788.47	3.54
STD4-664981,	200.000	201.770	1.770	61828.73	0.89

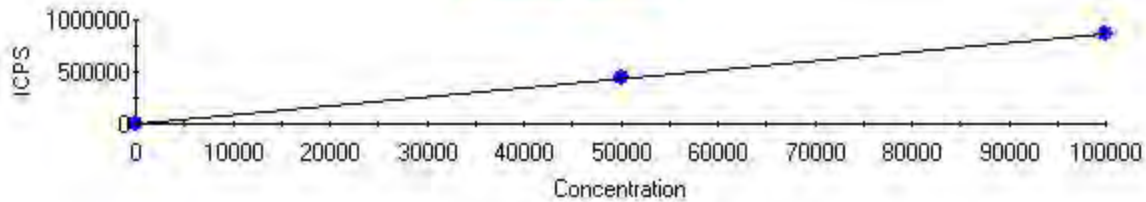
23Na FQ Block 1



Intercept CPS=2287.844041 Intercept Conc=10.544829
Sensitivity=216.963602 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2287.84	0.00
STD2-727016,	50000.000	50274.371	274.371	10909996.57	0.55
STD3-664982,	100000.000	99862.814	137.186	21668883.76	0.14

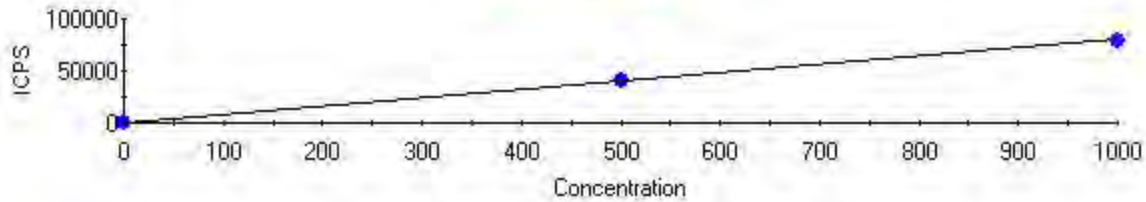
25Mg FQ Block 1



Intercept CPS=3.328908 Intercept Conc=0.381134
Sensitivity=8.734226 Correlation Coeff=0.999951

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	3.33	0.00
STD2-727016,	50000.000	50686.211	686.211	442708.13	1.37
STD3-664982,	100000.000	99656.895	343.105	870429.13	0.34

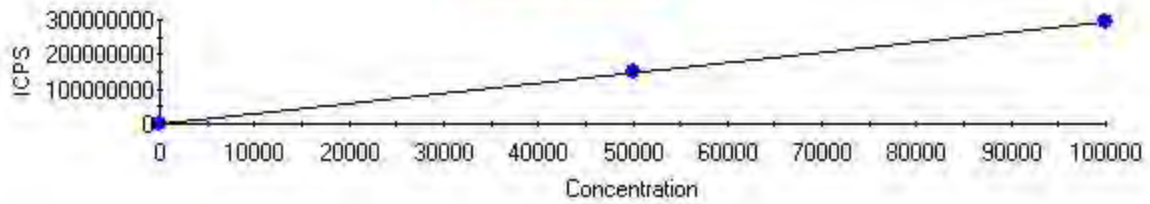
27Al FQ Block 1



Intercept CPS=56.669655 Intercept Conc=0.709854
Sensitivity=79.832838 Correlation Coeff=0.999980

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	56.67	0.00
STD2-727016,	500.000	504.383	4.383	40322.96	0.88
STD3-664982,	1000.000	997.809	2.191	79714.57	0.22

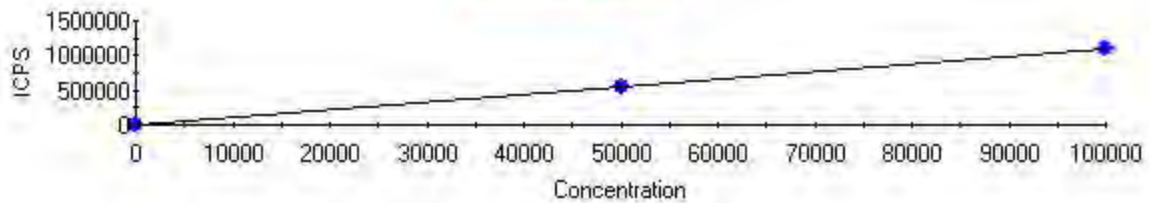
39K FQ Block 1



Intercept CPS=45314.507003 Intercept Conc=15.464557
Sensitivity=2930.216954 Correlation Coeff=0.999957

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	45314.51	0.00
STD2-727016,	50000.000	50643.150	643.150	148440732.33	1.29
STD3-664982,	100000.000	99678.425	321.575	292124724.90	0.32

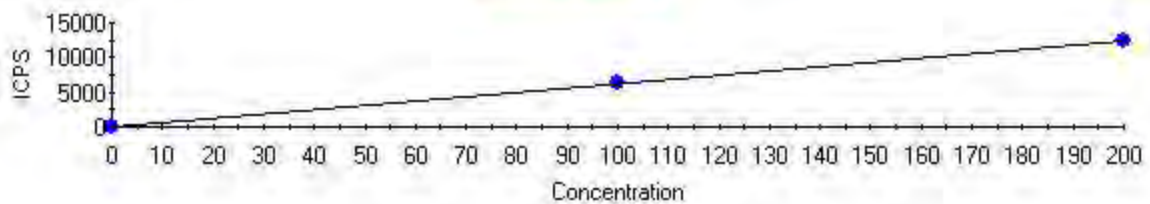
43Ca FQ Block 1



Intercept CPS=163.236069 Intercept Conc=14.752796
Sensitivity=11.064754 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	163.24	0.00
STD2-727016,	50000.000	50015.898	15.898	553576.86	0.03
STD3-664982,	100000.000	99992.051	7.949	1106550.72	0.01

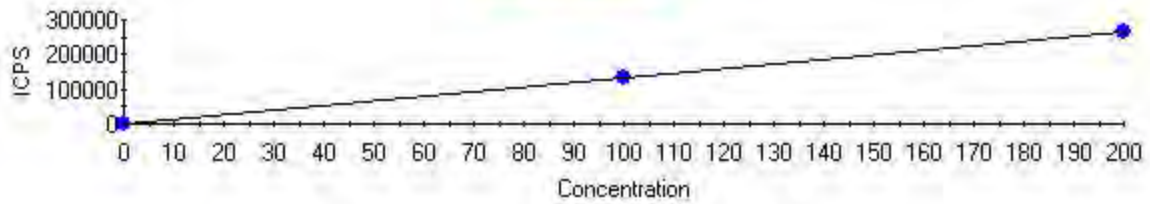
47Ti FQ Block 1



Intercept CPS=4.442800 Intercept Conc=0.071810
Sensitivity=61.868598 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	4.44	0.00
STD2-727016,	100.000	100.896	0.896	6246.75	0.90
STD4-664981,	200.000	199.552	0.448	12350.44	0.22

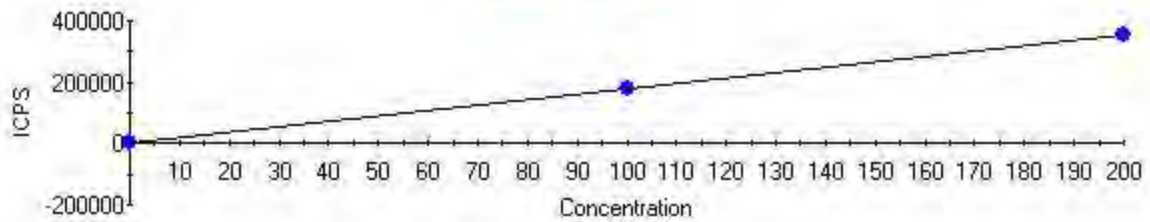
51V FQ Block 1



Intercept CPS=95.255887 Intercept Conc=0.072279
Sensitivity=1317.895488 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	95.26	0.00
STD2-727016,	100.000	99.697	0.303	131485.59	0.30
STD3-664982,	200.000	200.151	0.151	263873.96	0.08

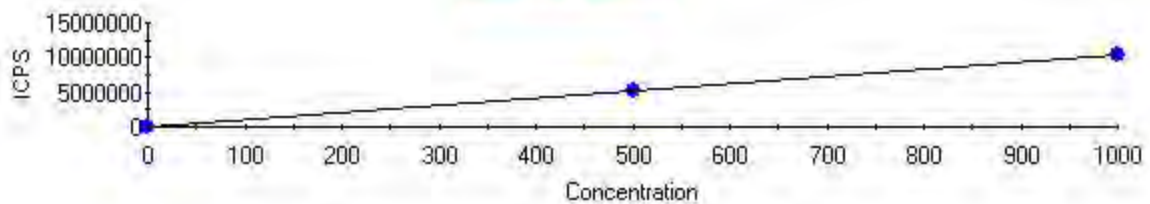
52Cr FQ Block 1



Intercept CPS=-516.577082 Intercept Conc=-0.289802
Sensitivity=1782.518306 Correlation Coeff=0.999997

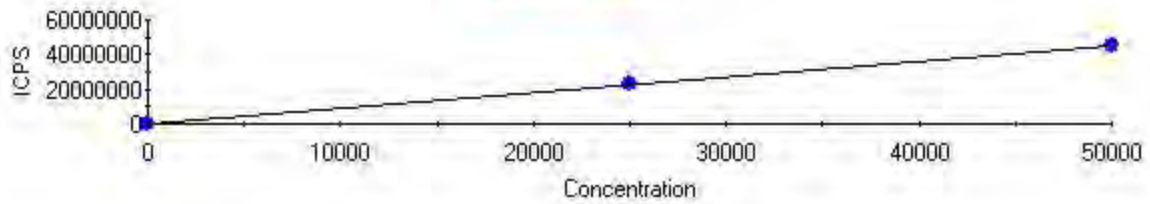
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	-516.58	0.00
STD2-727016,	100.000	100.340	0.340	178340.79	0.34
STD3-664982,	200.000	199.830	0.170	355684.32	0.08

55Mn FQ Block 1



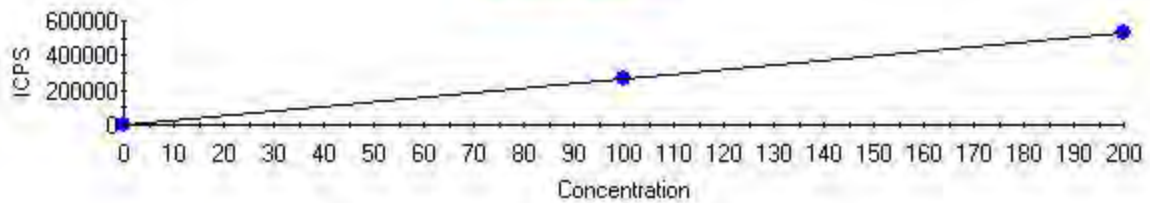
Intercept CPS=1425.770545 Intercept Conc=0.138105
Sensitivity=10323.798229 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1425.77	0.00
STD2-727016,	500.000	498.189	1.811	5144627.56	0.36
STD3-664982,	1000.000	1000.906	0.906	10334572.66	0.09

56Fe FQ Block 1

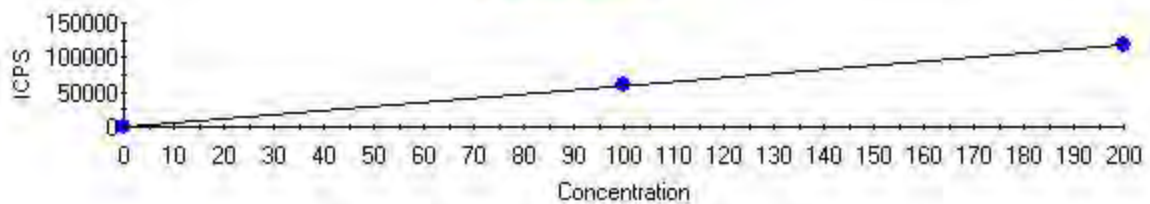
Intercept CPS=5444.480428 Intercept Conc=6.035698
Sensitivity=902.046480 Correlation Coeff=0.999995

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	5444.48	0.00
STD2-727016,	25000.000	25113.317	113.317	22658823.49	0.45
STD3-664982,	50000.000	49943.342	56.658	45056659.97	0.11

59Co FQ Block 1

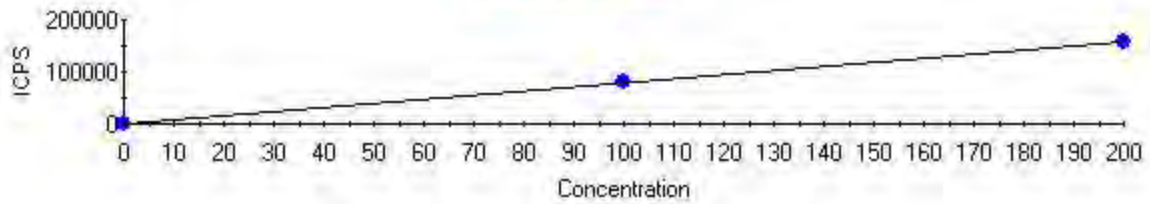
Intercept CPS=3.333253 Intercept Conc=0.001264
Sensitivity=2636.719802 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	3.33	0.00
STD2-727016,	100.000	100.999	0.999	266308.10	1.00
STD3-664982,	200.000	199.501	0.499	526030.90	0.25

60Ni FQ Block 1

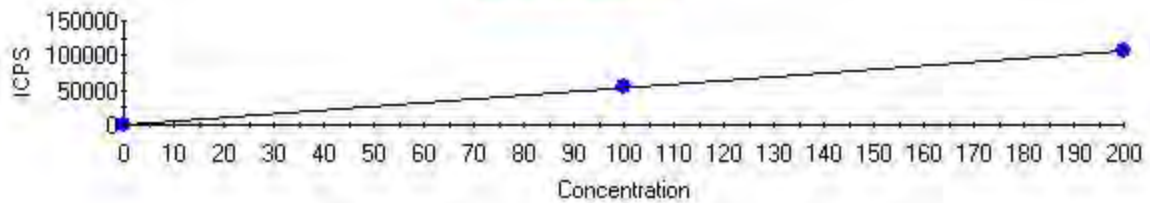
Intercept CPS=13.334401 Intercept Conc=0.022438
Sensitivity=594.264688 Correlation Coeff=0.999888

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	13.33	0.00
STD2-727016,	100.000	102.068	2.068	60668.54	2.07
STD3-664982,	200.000	198.966	1.034	118251.90	0.52

65Cu FQ Block 1

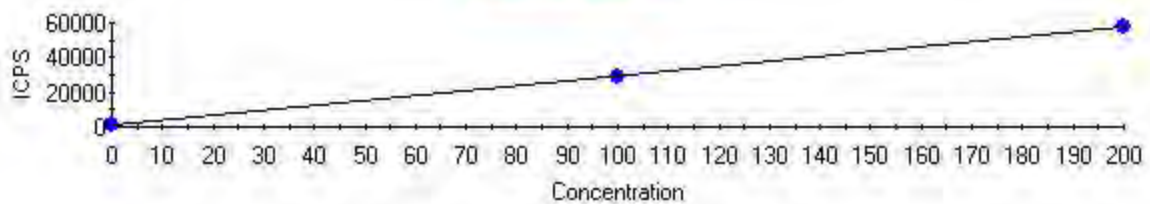
Intercept CPS=26.658760 Intercept Conc=0.033468
Sensitivity=796.543257 Correlation Coeff=0.999806

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	26.66	0.00
STD2-727016,	100.000	102.708	2.708	81838.17	2.71
STD3-664982,	200.000	198.646	1.354	158256.72	0.68

66Zn FQ Block 1

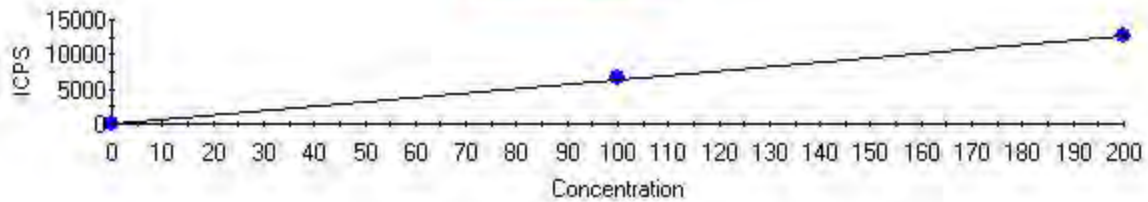
Intercept CPS=385.547724 Intercept Conc=0.715944
Sensitivity=538.516964 Correlation Coeff=0.999691

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	385.55	0.00
STD2-727016,	100.000	103.414	3.414	56075.86	3.41
STD3-664982,	200.000	198.293	1.707	107169.63	0.85

75As FQ Block 1

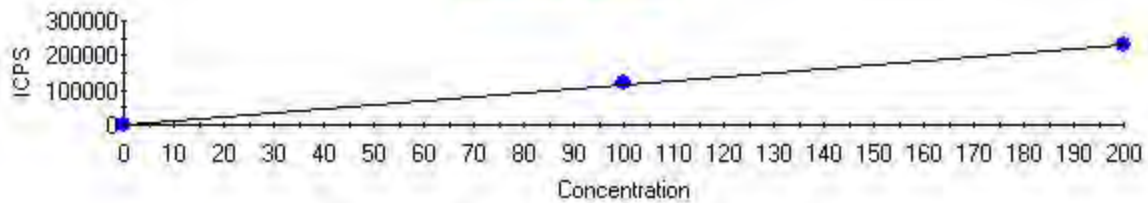
Intercept CPS=605.773331 Intercept Conc=2.120886
Sensitivity=285.622778 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	605.77	0.00
STD2-727016,	100.000	100.644	0.644	29351.98	0.64
STD3-664982,	200.000	199.678	0.322	57638.36	0.16

78Se FQ Block 1

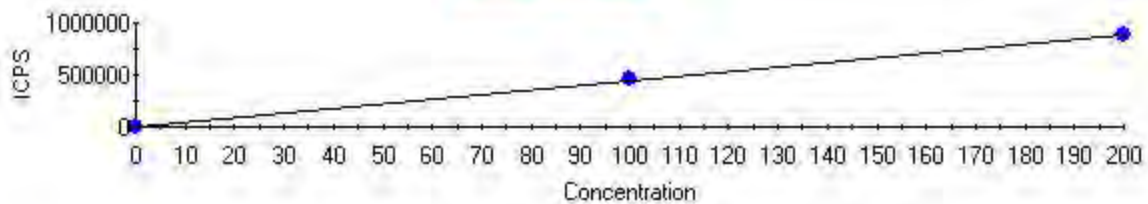
Intercept CPS=9.273518 Intercept Conc=0.144913
Sensitivity=63.993660 Correlation Coeff=0.999950

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	9.27	0.00
STD2-727016,	100.000	101.383	1.383	6497.12	1.38
STD3-664982,	200.000	199.309	0.691	12763.77	0.35

95Mo FQ Block 1

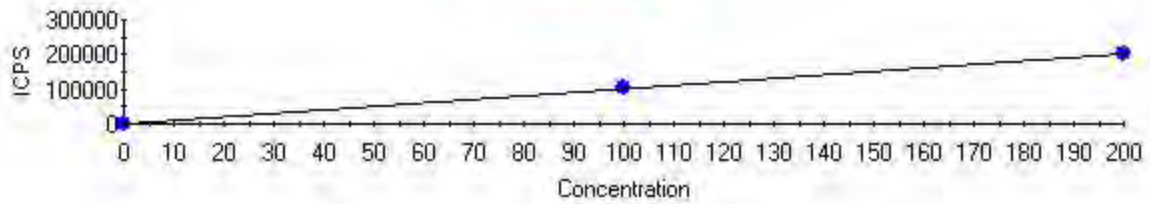
Intercept CPS=484.464090 Intercept Conc=0.419854
Sensitivity=1153.887642 Correlation Coeff=0.999596

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	484.46	0.00
STD2-727016,	100.000	103.899	3.899	120372.40	3.90
STD4-664981,	200.000	198.050	1.950	229012.41	0.97

107Ag FQ Block 1

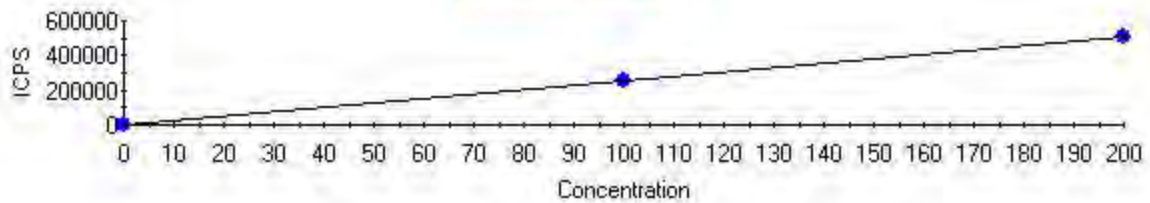
Intercept CPS=6.672708 Intercept Conc=0.001500
Sensitivity=4448.324508 Correlation Coeff=0.999667

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	6.67	0.00
STD2-727016,	100.000	103.544	3.544	460602.51	3.54
STD3-664982,	200.000	198.228	1.772	881789.88	0.89

111Cd FQ Block 1

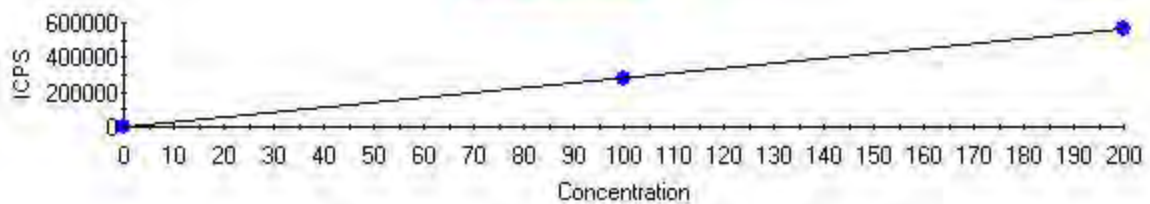
Intercept CPS=6.270508 Intercept Conc=0.006135
Sensitivity=1022.048673 Correlation Coeff=0.999893

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	6.27	0.00
STD2-727016,	100.000	102.014	2.014	104269.21	2.01
STD3-664982,	200.000	198.993	1.007	203386.97	0.50

118Sn FQ Block 1

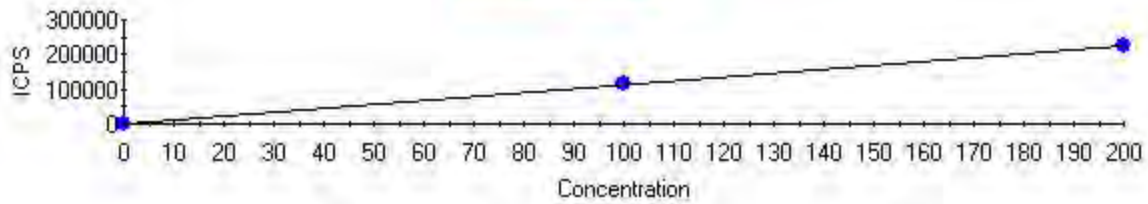
Intercept CPS=167.767146 Intercept Conc=0.065511
Sensitivity=2560.915348 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	167.77	0.00
STD2-727016,	100.000	100.495	0.495	257526.47	0.49
STD4-664981,	200.000	199.753	0.247	511717.25	0.12

121Sb FQ Block 1

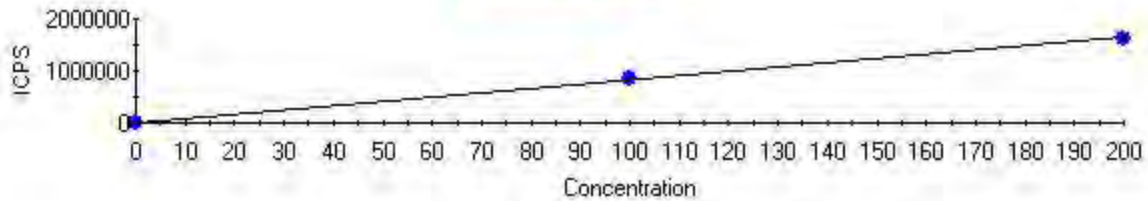
Intercept CPS=39.987993 Intercept Conc=0.014256
Sensitivity=2805.080989 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	39.99	0.00
STD2-727016,	100.000	100.563	0.563	282127.24	0.56
STD4-664981,	200.000	199.719	0.281	560266.61	0.14

137Ba FQ Block 1

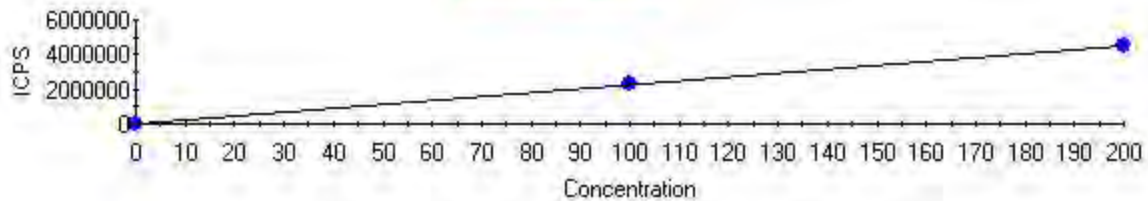
Intercept CPS=153.381707 Intercept Conc=0.134776
Sensitivity=1138.049832 Correlation Coeff=0.999960

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	153.38	0.00
STD2-727016,	100.000	101.234	1.234	115363.11	1.23
STD3-664982,	200.000	199.383	0.617	227060.97	0.31

182W FQ Block 1

Intercept CPS=231.037228 Intercept Conc=0.028210
Sensitivity=8189.790158 Correlation Coeff=0.999536

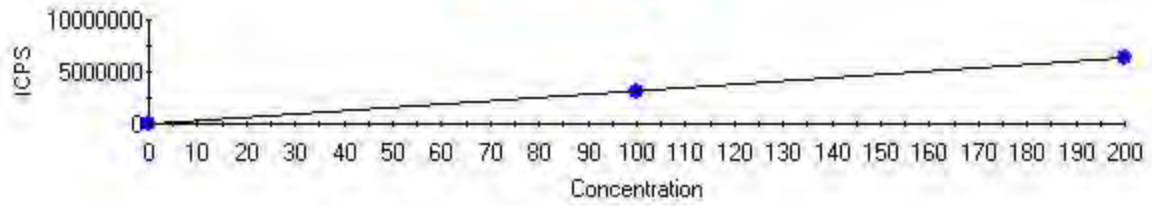
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	231.04	0.00
STD2-727016,	100.000	104.177	4.177	853420.45	4.18
STD4-664981,	200.000	197.911	2.089	1621083.87	1.04

205Tl FQ Block 1

Intercept CPS=754.183690 Intercept Conc=0.033431
Sensitivity=22559.561950 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	754.18	0.00
STD2-727016,	100.000	100.585	0.585	2269915.66	0.59
STD3-664982,	200.000	199.707	0.293	4506063.93	0.15

208Pb FQ Block 1



Intercept CPS=845.568456 Intercept Conc=0.026622
 Sensitivity=31761.446756 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	845.57	0.00
STD2-727016,	100.000	99.464	0.536	3159963.62	0.54
STD3-664982,	200.000	200.268	0.268	6361648.23	0.13

Dilution Corrected Concentrations

ICISM=6020 11/20/2012 09:36:14

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		100.000%	-0.000	-0.000
%RSD		0.352	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.000%	100.000%	-0.000
%RSD		0.352	0.257	0.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		100.000%	0.000	-0.000
%RSD		0.299	0.000	0.000
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		100.000%	0.000	0.000
%RSD		0.207	0.000	0.000
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		-0.000	0.000	100.000%
%RSD		0.000	0.000	0.604
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	209Bi		
		ppb		
X		100.000%		
%RSD		0.589		

STD2-727016, 11/20/2012 09:41:09

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		92.386%	101.800	96.460
%RSD		0.246	0.422	1.200
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±50270.000	50690.000	504.400
%RSD		±0.692	0.321	0.806
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±50640.000	50020.000
%RSD		±0.000	±0.272	0.368
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.123%	100.029%	100.900
%RSD		0.458	1.068	2.195
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.700	100.300	-9.747
%RSD		0.390	1.001	21.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±498.200	±25110.000	101.000
%RSD		±0.147	±0.444	0.943
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.100	102.700	103.400
%RSD		0.922	1.169	1.603
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		96.587%	100.600	-0.843
%RSD		1.194	1.340	26.020
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.400	103.900	0.000
%RSD		1.350	0.335	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		103.500	49.680	102.000
%RSD		0.070	49.020	0.871
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		98.330%	100.500	100.600
%RSD		0.588	0.197	0.523
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		101.200	0.000	99.953%
%RSD		0.404	0.000	0.982
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.200	100.600	99.460
%RSD		0.697	0.429	0.429
Run	Time	209Bi		
		ppb		
X		93.479%		
%RSD		1.032		

STD3-664982, 11/20/2012 09:48:07

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.857%	M199.100	0.586
%RSD		0.735	M0.547	30.060
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM99860.000	M99660.000	M997.800
%RSD		TM0.442	M0.644	M1.275
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T99680.000	M99990.000
%RSD		T0.000	T0.418	M0.377
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.083%	98.471%	0.276
%RSD		0.368	0.699	41.960
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M200.200	M199.800	-0.165
%RSD		M0.650	M0.768	2863.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1001.000	TM49940.000	M199.500
%RSD		TM0.048	TM0.710	M0.541
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		199.000	198.600	198.300
%RSD		0.325	0.295	0.772
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.031%	M199.700	-0.893
%RSD		1.302	M0.994	69.200
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M199.300	0.718	0.000
%RSD		M1.545	12.650	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		198.200	94.770	M199.000
%RSD		0.425	34.610	M0.600
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		97.507%	0.124	0.225
%RSD		1.027	21.960	6.343
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		199.400	0.000	98.914%
%RSD		0.289	0.000	1.616
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.635	T199.700	M200.300
%RSD		12.320	T0.087	M0.279
Run	Time	209Bi		
		ppb		
X		88.833%		
%RSD		1.003		

STD4-664981, 11/20/2012 09:55:17

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.528%	0.102	<u>M</u> 201.800
%RSD		0.310	11.650	<u>M</u> 0.691
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		45.480	42.040	5.133
%RSD		1.012	7.931	5.663
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	45.720	41.080
%RSD		<u>I</u> 0.000	0.999	16.350
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.962%	88.124%	<u>M</u> 199.600
%RSD		0.192	1.333	<u>M</u> 2.539
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.296	-0.047	-23.390
%RSD		81.510	57.330	5.181
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.826	28.630	0.096
%RSD		1.651	4.798	18.680
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.246	0.384	0.852
%RSD		18.710	10.210	7.454
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.071%	-0.111	0.297
%RSD		0.896	48.640	17.300
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.212	<u>M</u> 198.100	0.000
%RSD		23.520	<u>M</u> 1.109	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.099	17.680	0.075
%RSD		3.689	21.710	25.590
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		92.808%	<u>M</u> 199.800	<u>M</u> 199.700
%RSD		1.142	<u>M</u> 0.954	<u>M</u> 0.588
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.235	0.000	93.571%
%RSD		26.630	0.000	1.171
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		197.900	0.523	0.180
%RSD		0.790	8.132	2.272
Run	Time	209Bi		
		ppb		
X		96.568%		
%RSD		0.611		

ICV-665060, 11/20/2012 10:00:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.671%	103.498%	99.747%
%RSD		0.365	0.695	0.824
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.645%	103.024%	102.764%
%RSD		0.298	0.926	1.167
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.918%	100.984%
%RSD		0.000	0.725	0.546
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.303%	94.906%	101.241%
%RSD		0.212	0.692	4.843
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.821%	100.355%	-15.640
%RSD		0.416	0.721	4.182
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.915%	100.891%	100.765%
%RSD		0.579	0.343	0.507
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.724%	102.525%	105.519%
%RSD		1.423	0.237	1.391
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.495%	100.522%	-0.231
%RSD		1.214	0.775	10.980
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.417%	104.957%	0.000
%RSD		1.505	1.167	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		105.562%	44.140	103.515%
%RSD		0.568	50.240	0.830
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		94.624%	100.546%	102.129%
%RSD		0.609	0.298	0.406
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		101.059%	0.000	96.853%
%RSD		0.813	0.000	0.513
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		106.349%	101.906%	100.206%
%RSD		0.839	0.479	0.152
Run	Time	209Bi		
		ppb		
X		91.730%		
%RSD		0.716		

ICB 11/20/2012 10:07:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.358%	0.011	0.647
%RSD		0.705	8.741	33.710
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2.296	0.472	0.298
%RSD		13.910	180.900	77.360
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1.564	5.204
%RSD		±0.000	25.800	58.890
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.423%	89.697%	0.169
%RSD		0.703	0.341	36.080
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.180	-0.257	-20.720
%RSD		55.170	9.587	4.856
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.049	2.973	0.003
%RSD		18.220	36.490	47.130
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.000	0.060	0.561
%RSD		2065.000	13.040	13.360
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.857%	-0.120	-0.017
%RSD		0.350	49.550	258.000
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.005	0.476	0.000
%RSD		256.700	17.550	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.007	-0.982	0.014
%RSD		56.830	10.760	24.270
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		93.090%	0.123	0.111
%RSD		0.142	7.948	10.210
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.005	0.000	93.822%
%RSD		352.600	0.000	0.812
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.756	0.339	0.046
%RSD		7.541	7.860	10.100
Run	Time	209Bi		
		ppb		
X		95.851%		
%RSD		0.313		

DONOTUSECRI -723510, 11/20/2012 10:12:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.264%	108.335%	104.830%
%RSD		1.168	1.595	4.256
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.286%	103.733%	103.528%
%RSD		0.539	1.864	3.627
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	100.794%	99.114%
%RSD		±0.000	0.363	3.001
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.508%	87.751%	103.556%
%RSD		1.020	0.706	3.257
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		95.793%	93.449%	-20.750
%RSD		3.660	3.764	5.015
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		145.063%	101.521%	102.611%
%RSD		1.172	2.013	10.730
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		103.042%	116.094%	111.250%
%RSD		4.955	2.574	3.047
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.136%	86.528%	0.423
%RSD		0.798	4.303	24.610
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		99.798%	100.090%	0.000
%RSD		4.131	2.420	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		114.835%	0.644	99.286%
%RSD		5.776	209.700	13.450
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		91.756%	178.440%	103.278%
%RSD		0.238	1.053	0.367
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		109.087%	0.000	92.732%
%RSD		5.049	0.000	0.881
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		100.252%	117.787%	117.900%
%RSD		1.041	1.665	1.604
Run	Time	209Bi		
		ppb		
X		94.837%		
%RSD		0.451		

CRI -751770 11/20/2012 10:27:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.691%	107.252%	104.802%
%RSD		0.352	6.717	1.466
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.603%	102.629%	102.272%
%RSD		0.319	1.195	2.597
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	99.812%	98.471%
%RSD		±0.000	0.278	2.057
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.246%	84.578%	100.789%
%RSD		0.767	0.792	2.318
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		94.452%	95.412%	-18.320
%RSD		5.508	4.482	3.772
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.731%	98.825%	101.422%
%RSD		2.048	1.058	4.712
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.237%	113.855%	109.475%
%RSD		2.923	9.056	4.441
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.391%	88.961%	-0.055
%RSD		0.766	2.945	261.700
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		94.847%	94.686%	0.000
%RSD		9.724	2.943	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		108.634%	-3.367	103.217%
%RSD		3.141	65.560	6.153
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		88.426%	100.856%	96.114%
%RSD		0.273	0.882	1.987
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		104.350%	0.000	90.107%
%RSD		4.486	0.000	0.550
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		98.544%	104.037%	99.372%
%RSD		1.005	1.086	1.501
Run	Time	209Bi		
		ppb		
X		92.103%		
%RSD		0.514		

ICSA-680933, 11/20/2012 10:41:17 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.498%	0.002	0.220
%RSD		0.961	237.500	83.390
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		50720.000	51380.000	49910.000
%RSD		0.238	0.582	0.067
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	50110.000	51010.000
%RSD		0.000	0.123	0.460
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.593%	86.576%	1032.000
%RSD		1.268	1.367	0.696
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.023	0.501	-21.100
%RSD		1609.000	8.247	7.059
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.458	49840.000	0.081
%RSD		2.346	0.747	4.777
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.424	0.334	2.055
%RSD		11.950	8.486	8.521
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.035%	0.178	0.350
%RSD		1.243	34.270	7.322
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.004	977.600	0.000
%RSD		633.400	1.042	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.037	113.600	0.059
%RSD		11.860	5.040	151.500
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		89.763%	0.159	0.149
%RSD		1.741	6.710	6.542
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.125	0.000	89.927%
%RSD		35.230	0.000	1.702
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.173	0.058	0.151
%RSD		5.146	9.301	1.928
Run	Time	209Bi		
		ppb		
X		87.029%		
%RSD		0.990		

ICSAB-723527, 11/20/2012 10:47:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.998%	104.958%	97.557%
%RSD		0.173	0.234	1.287
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.139%	103.573%	100.891%
%RSD		0.737	0.642	0.374
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		100.000	102.084%	102.585%
%RSD		0.000	0.288	0.129
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.594%	89.853%	104.698%
%RSD		0.277	1.050	0.613
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		101.716%	101.514%	-4.020
%RSD		0.512	0.348	66.150
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		104.834%	101.698%	99.825%
%RSD		0.195	0.662	0.454
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.772%	99.237%	103.982%
%RSD		0.696	0.764	0.708
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.855%	98.928%	-0.483
%RSD		1.593	0.568	81.900
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		99.847%	1100.000	0.000
%RSD		1.832	1.212	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.422%	172.200	102.660%
%RSD		0.559	22.470	0.571
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		92.424%	102.530%	101.148%
%RSD		0.761	0.580	0.669
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		102.963%	0.000	92.318%
%RSD		0.780	0.000	0.726
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.747%	102.939%	101.653%
%RSD		0.767	0.728	0.397
Run	Time	209Bi		
		ppb		
X		88.689%		
%RSD		1.033		

CCV 11/20/2012 10:54:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.296%	105.398%	98.841%
%RSD		0.048	0.116	0.277
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.112%	101.880%	104.110%
%RSD		0.530	0.238	0.375
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	99.616%	100.685%
%RSD		0.000	0.150	0.421
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.604%	95.996%	103.541%
%RSD		0.295	1.098	3.237
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.426%	100.789%	-11.880
%RSD		0.679	0.912	6.904
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.643%	100.962%	101.400%
%RSD		0.139	0.413	0.664
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.222%	101.787%	103.898%
%RSD		0.677	1.443	0.628
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.631%	101.391%	-0.961
%RSD		0.800	0.624	31.440
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.013%	117.081%	0.000
%RSD		1.177	1.479	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		103.209%	70.760	102.620%
%RSD		0.129	28.050	0.583
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		95.350%	100.536%	101.449%
%RSD		1.020	0.879	0.711
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		100.718%	0.000	97.278%
%RSD		0.682	0.000	0.597
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.898%	101.917%	99.847%
%RSD		0.265	0.387	0.567
Run	Time	209Bi		
		ppb		
X		91.309%		
%RSD		0.481		

CCB 11/20/2012 11:01:58 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.909%	0.010	0.291
%RSD		0.878	107.200	69.190
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4.026	2.231	0.403
%RSD		3.929	57.630	101.300
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	3.455	6.780
%RSD		±0.000	15.350	23.180
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.866%	87.339%	0.156
%RSD		0.188	1.248	123.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.333	-0.237	-19.500
%RSD		53.670	10.940	3.184
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.053	4.704	0.011
%RSD		15.480	22.900	30.600
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.005	0.093	0.640
%RSD		312.500	6.111	21.860
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.800%	-0.191	-0.091
%RSD		1.326	57.200	125.200
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.036	2.126	0.000
%RSD		129.800	10.030	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.014	-0.687	0.020
%RSD		27.740	42.610	98.840
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		91.128%	0.128	0.153
%RSD		0.509	13.510	11.180
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.020	0.000	92.061%
%RSD		55.160	0.000	0.691
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.783	0.370	0.037
%RSD		9.258	4.992	11.350
Run	Time	209Bi		
		ppb		
X		94.827%		
%RSD		0.620		

2XLCS HIGH 11/20/2012 11:07:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.303%	M 2120.000	197.900
%RSD		0.496	M 0.338	0.692
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 19700.000	20400.000	M 19910.000
%RSD		T 0.668	0.799	M 0.676
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 19770.000	18980.000
%RSD		T 0.000	T 0.516	0.690
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.450%	88.131%	M 199.900
%RSD		0.142	1.001	M 1.095
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1939.000	TM 1970.000	327.600
%RSD		M 0.355	TM 1.037	6.676
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 2024.000	T 19940.000	TM 1898.000
%RSD		TM 0.199	T 0.358	TM 0.175
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1895.000	M 1995.000	M 2074.000
%RSD		M 1.102	M 0.316	M 0.252
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.559%	M 1957.000	-16.010
%RSD		0.277	M 0.224	3.481
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M 2007.000	195.100	0.000
%RSD		M 0.389	1.229	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		M 205.200	1234.000	M 2050.000
%RSD		M 0.803	6.726	M 0.695
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		92.400%	198.200	M 199.400
%RSD		0.013	0.718	M 0.928
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M 1984.000	0.000	93.905%
%RSD		M 0.328	0.000	0.698
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		197.000	TM 473.800	TM 1875.000
%RSD		0.797	TM 0.437	TM 0.459
Run	Time	209Bi		
		ppb		
X		92.556%		
%RSD		0.748		

MISC HIGH 11/20/2012 11:14:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.110%	0.058	1.450
%RSD		0.262	8.769	7.391
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12.340	4.187	<u>TM 304100.000</u>
%RSD		5.997	52.990	<u>TM 0.493</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	8.994	<u>M 309900.000</u>
%RSD		<u>TM 0.000</u>	4.392	<u>M 0.249</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.120%	86.541%	1.519
%RSD		0.332	0.822	13.280
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>TM 4881.000</u>	<u>TM 4953.000</u>	881.100
%RSD		<u>TM 0.444</u>	<u>TM 0.189</u>	2.668
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 5284.000</u>	<u>TM 304000.000</u>	<u>TM 4705.000</u>
%RSD		<u>TM 0.164</u>	<u>TM 0.613</u>	<u>TM 0.171</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 4691.000</u>	<u>TM 4342.000</u>	<u>TM 4433.000</u>
%RSD		<u>M 0.255</u>	<u>TM 0.303</u>	<u>TM 1.464</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.644%	<u>M 4529.000</u>	0.230
%RSD		0.400	<u>M 0.672</u>	64.000
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.217	1.755	0.000
%RSD		32.640	6.429	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.031	0.845	1.004
%RSD		8.050	493.700	2.521
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		95.670%	0.437	1.377
%RSD		0.505	15.930	3.307
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>TM 4853.000</u>	0.000	84.159%
%RSD		<u>TM 0.225</u>	0.000	0.953
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		2.094	0.808	<u>TM 4673.000</u>
%RSD		9.529	7.005	<u>TM 0.843</u>
Run	Time	209Bi		
		ppb		
X		87.072%		
%RSD		0.330		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		92.536%	0.033	0.232
%RSD		0.114	18.390	48.340
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-0.776	-0.118	9.027
%RSD		29.960	385.900	13.900
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1.397	19.150
%RSD		±0.000	21.830	30.200
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		99.483%	96.467%	0.133
%RSD		0.182	0.258	87.470
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.052	-0.034	-16.720
%RSD		365.700	142.400	3.182
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.274	21.190	0.142
%RSD		6.521	26.860	10.320
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.124	0.266	1.259
%RSD		22.220	4.755	1.320
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		97.244%	0.671	-0.092
%RSD		0.223	19.930	59.270
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.099	0.534	0.000
%RSD		59.780	13.050	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		-0.000	-0.142	0.004
%RSD		185.000	1395.000	127.400
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		99.250%	0.134	0.265
%RSD		0.041	5.966	9.314
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.143	0.000	98.620%
%RSD		20.460	0.000	0.289
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.744	0.354	0.287
%RSD		4.208	1.748	3.058
Run	Time	209Bi		
		ppb		
X		100.866%		
%RSD		0.123		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.172%	0.013	0.179
%RSD		0.311	19.480	39.410
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-1.269	0.037	1.255
%RSD		48.600	1.304	19.440
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	0.030	1.533
%RSD		±0.000	2370.000	58.660
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.286%	91.377%	0.184
%RSD		0.336	0.114	80.670
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.174	-0.131	-18.390
%RSD		131.800	16.860	5.151
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.016	-0.448	0.017
%RSD		41.400	82.970	5.016
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.035	0.108	0.394
%RSD		66.470	8.012	18.390
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.137%	0.086	-0.020
%RSD		1.096	41.110	305.400
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.062	0.151	0.000
%RSD		46.650	17.430	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		-0.000	-0.761	0.007
%RSD		702.100	123.600	220.700
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		94.567%	0.072	0.145
%RSD		0.321	12.200	20.480
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.007	0.000	95.206%
%RSD		339.200	0.000	0.170
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.371	0.237	0.100
%RSD		3.859	4.035	7.165
Run	Time	209Bi		
		ppb		
X		96.778%		
%RSD		0.455		

CCV 1 11/20/2012 11:29:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.225%	105.017%	97.246%
%RSD		0.267	0.441	1.311
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.842%	102.305%	103.632%
%RSD		0.465	0.866	1.631
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.805%	100.153%
%RSD		0.000	0.286	0.519
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.708%	91.859%	102.895%
%RSD		0.846	0.820	2.280
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		101.136%	101.245%	-12.030
%RSD		0.429	0.094	8.094
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.347%	101.334%	100.263%
%RSD		0.203	0.839	0.732
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.474%	102.011%	105.144%
%RSD		0.925	0.773	0.613
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.883%	101.711%	-0.786
%RSD		1.319	0.219	30.480
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		102.635%	105.746%	0.000
%RSD		0.623	1.494	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		104.094%	85.070	103.694%
%RSD		0.479	14.270	0.106
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		92.738%	101.204%	102.047%
%RSD		0.963	0.616	0.022
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		101.341%	0.000	94.869%
%RSD		0.962	0.000	1.026
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.463%	101.776%	100.563%
%RSD		1.115	0.942	1.086
Run	Time	209Bi		
		ppb		
X		89.159%		
%RSD		0.363		

CCB 1 11/20/2012 11:36:43 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.278%	0.034	0.233
%RSD		0.458	12.680	92.850
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4.745	7.047	1.090
%RSD		15.390	51.030	48.820
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	6.894	12.300
%RSD		±0.000	7.377	52.850
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.331%	80.432%	0.174
%RSD		0.274	0.516	89.110
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.173	-0.306	-24.150
%RSD		182.300	9.763	4.328
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.092	5.505	0.014
%RSD		7.403	27.710	10.430
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.012	0.138	0.829
%RSD		205.000	27.920	8.851
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.732%	-0.118	-0.082
%RSD		0.545	55.350	33.750
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.076	0.396	0.000
%RSD		36.420	25.280	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.016	-1.043	0.018
%RSD		33.230	0.000	34.540
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		85.165%	0.124	0.168
%RSD		1.053	22.350	9.253
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.042	0.000	87.183%
%RSD		115.500	0.000	0.593
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.698	0.394	0.075
%RSD		9.782	4.092	0.786
Run	Time	209Bi		
		ppb		
X		90.823%		
%RSD		0.068		

mb 240-65600/1 -a, 11/20/2012 11:41:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.732%	0.014	0.162
%RSD		0.853	33.580	93.560
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4.276	2.453	3.285
%RSD		7.092	33.690	0.544
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	12.230	97.890
%RSD		±0.000	2.503	4.872
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.390%	80.828%	0.061
%RSD		0.712	0.340	108.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.156	-0.271	-22.870
%RSD		296.300	6.993	6.349
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.171	3.445	0.004
%RSD		1.151	6.440	45.990
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.113	0.190	4.263
%RSD		46.680	9.604	3.916
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.246%	-0.063	0.472
%RSD		0.475	68.910	7.471
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.015	-0.005	0.000
%RSD		379.900	1084.000	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	-1.223	0.005
%RSD		660.900	25.460	203.000
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		85.540%	0.937	0.118
%RSD		0.301	2.070	5.638
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.039	0.000	87.288%
%RSD		107.700	0.000	0.667
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.328	0.261	0.061
%RSD		7.314	1.981	2.862
Run	Time	209Bi		
		ppb		
X		90.715%		
%RSD		0.175		

240-16945 -a-3-b, 11/20/2012 11:46:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.616%	0.013	0.246
%RSD		0.616	65.070	29.860
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4.875	0.885	1.803
%RSD		8.709	81.800	36.320
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	3.175	59.280
%RSD		±0.000	13.730	13.290
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.026%	80.281%	0.174
%RSD		0.397	0.378	58.650
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.194	-0.267	-21.520
%RSD		99.350	9.530	1.854
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.402	-0.478	0.003
%RSD		1.486	17.460	204.200
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.024	0.319	2.534
%RSD		34.420	5.552	2.540
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.956%	-0.234	0.523
%RSD		0.611	33.470	12.660
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.042	-0.172	0.000
%RSD		142.400	5.794	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.001	-0.474	0.004
%RSD		150.200	105.900	147.300
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.857%	10.340	0.093
%RSD		0.398	0.402	24.060
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.020	0.000	87.038%
%RSD		28.080	0.000	0.247
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.177	0.179	0.046
%RSD		3.087	4.050	10.440
Run	Time	209Bi		
		ppb		
X		89.596%		
%RSD		0.250		

mb 240-65560/1 -a, 11/20/2012 11:51:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.797%	0.011	0.233
%RSD		0.262	69.440	7.928
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		45.780	48.640	1.623
%RSD		1.577	3.810	25.960
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	17.290	213.800
%RSD		±0.000	4.074	4.371
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.046%	78.115%	0.157
%RSD		0.278	0.539	66.330
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.130	-0.193	-21.470
%RSD		98.080	6.611	2.013
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.412	5.833	0.002
%RSD		3.171	3.991	163.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.053	0.751	9.833
%RSD		7.515	18.950	0.860
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.285%	-0.173	0.459
%RSD		0.703	64.720	12.470
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		-0.036	-0.165	0.000
%RSD		26.800	17.460	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	-0.791	0.004
%RSD		10100.000	55.060	54.080
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.206%	0.819	0.052
%RSD		0.309	6.515	20.790
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.723	0.000	85.892%
%RSD		7.507	0.000	0.482
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.146	0.136	0.093
%RSD		2.038	2.270	3.282
Run	Time	209Bi		
		ppb		
X		88.763%		
%RSD		0.399		

Ics 240-65560/3-a, 11/20/2012 11:56:21 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.801%	M975.800	91.050
%RSD		0.465	M0.916	2.952
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T44900.000	9495.000	M9125.000
%RSD		T0.889	0.551	M0.478
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T9170.000	8906.000
%RSD		T0.000	T0.445	0.311
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.212%	81.187%	92.660
%RSD		0.466	0.806	1.753
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M894.200	M912.200	111.000
%RSD		M0.503	M0.325	6.679
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T920.400	T9140.000	M896.100
%RSD		T0.423	T0.975	M0.510
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M914.500	M925.800	M975.400
%RSD		M0.646	M0.496	M0.574
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.277%	M909.400	-6.567
%RSD		0.933	M0.379	10.040
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M931.000	91.070	0.000
%RSD		M0.860	1.307	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		97.510	485.800	M959.600
%RSD		1.355	37.300	M0.628
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		84.405%	92.710	93.090
%RSD		0.630	0.924	1.373
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M912.100	0.000	88.381%
%RSD		M0.821	0.000	0.937
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		91.340	TM216.100	TM866.600
%RSD		1.129	TM0.449	TM0.855
Run	Time	209Bi		
		ppb		
X		86.471%		
%RSD		0.446		

450-7753-b-1-b, 11/20/2012 12:03:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		71.357%	0.091	10.480
%RSD		0.354	22.540	2.709
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		41450.000	8279.000	4.001
%RSD		0.887	0.893	18.530
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1435.000	109500.000
%RSD		0.000	0.295	0.544
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.261%	79.266%	0.154
%RSD		0.797	1.099	66.280
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.018	-0.217	-23.390
%RSD		247.600	5.225	1.743
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		11.640	-18.500	0.109
%RSD		0.253	1.688	3.609
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.959	0.740	8.284
%RSD		13.260	8.603	2.685
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.031%	0.492	0.330
%RSD		1.047	46.830	16.190
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.248	0.334	0.000
%RSD		16.750	8.499	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.004	-0.930	0.102
%RSD		29.560	351.700	37.780
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.412%	2.828	0.359
%RSD		0.395	1.943	6.981
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		134.200	0.000	87.140%
%RSD		0.461	0.000	1.007
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.815	0.542	0.136
%RSD		5.976	6.851	3.199
Run	Time	209Bi		
		ppb		
X		84.096%		
%RSD		0.354		

CCV 2 11/20/2012 12:08:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.343%	104.327%	98.242%
%RSD		0.385	0.174	1.277
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.449%	102.915%	103.927%
%RSD		0.912	0.973	0.747
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.983%	100.252%
%RSD		0.000	0.160	0.157
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.241%	89.683%	104.416%
%RSD		0.921	1.037	2.217
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.432%	100.691%	-9.704
%RSD		0.697	0.093	31.910
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.163%	101.639%	100.865%
%RSD		0.137	0.559	0.485
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.781%	103.545%	105.254%
%RSD		0.792	1.052	0.150
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.851%	101.373%	-0.775
%RSD		1.567	0.652	23.570
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		102.497%	105.431%	0.000
%RSD		1.495	0.694	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		104.404%	51.140	104.011%
%RSD		1.141	94.770	0.862
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		89.677%	101.957%	102.642%
%RSD		0.662	0.382	0.515
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		101.357%	0.000	92.653%
%RSD		0.634	0.000	0.842
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		106.457%	101.948%	101.128%
%RSD		0.608	0.422	0.592
Run	Time	209Bi		
		ppb		
X		87.711%		
%RSD		0.628		

CCB 2 11/20/2012 12:15:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.178%	0.037	0.392
%RSD		0.964	47.020	30.590
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9.176	7.234	1.147
%RSD		4.081	56.940	27.210
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	8.713	14.280
%RSD		±0.000	6.419	10.020
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.735%	80.175%	0.063
%RSD		0.698	0.351	108.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.116	-0.265	-23.230
%RSD		124.100	8.885	1.734
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.114	7.133	0.020
%RSD		7.808	16.180	5.293
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.021	0.183	0.662
%RSD		80.780	34.630	23.560
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.465%	-0.199	-0.072
%RSD		0.930	14.580	63.490
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.019	0.315	0.000
%RSD		63.860	29.450	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.021	-1.339	0.018
%RSD		9.911	38.290	92.250
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		85.032%	0.146	0.168
%RSD		0.756	5.935	12.620
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.008	0.000	87.134%
%RSD		65.760	0.000	0.626
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.696	0.444	0.069
%RSD		10.300	6.000	5.656
Run	Time	209Bi		
		ppb		
X		90.004%		
%RSD		0.282		

mb 240-65145/1 -a, 11/20/2012 12:20:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.255%	0.014	0.426
%RSD		0.238	42.170	42.340
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		45.090	40.990	5.854
%RSD		1.937	7.577	14.560
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	47.410	201.400
%RSD		±0.000	0.394	2.110
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.230%	77.805%	0.275
%RSD		0.647	0.514	87.560
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.220	0.118	-24.940
%RSD		149.400	38.210	4.340
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.691	62.010	0.017
%RSD		2.767	1.844	33.490
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.350	0.656	7.188
%RSD		17.480	2.576	1.677
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.654%	-0.302	0.511
%RSD		0.372	21.120	9.370
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		-0.011	-0.070	0.000
%RSD		201.900	86.300	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.001	-1.159	0.028
%RSD		205.500	17.320	46.300
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.430%	22.600	0.096
%RSD		0.486	2.140	5.022
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.621	0.000	86.134%
%RSD		10.470	0.000	0.035
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.350	0.310	0.260
%RSD		2.630	4.001	4.229
Run	Time	209Bi		
		ppb		
X		87.665%		
%RSD		0.598		

Ics 240-65145/2-a, 11/20/2012 12:25:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.013%	<u>M998.300</u>	89.610
%RSD		0.543	<u>M0.440</u>	0.739
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9401.000	9642.000	<u>M9398.000</u>
%RSD		0.446	1.215	<u>M0.741</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T0.000</u>	<u>T9374.000</u>	9295.000
%RSD		<u>T0.000</u>	<u>T0.437</u>	0.790
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.447%	78.044%	95.080
%RSD		0.340	1.205	1.864
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M909.900</u>	<u>M947.600</u>	109.100
%RSD		<u>M0.572</u>	<u>M0.297</u>	6.482
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T959.300</u>	<u>T9390.000</u>	<u>M926.700</u>
%RSD		<u>T0.255</u>	<u>T0.367</u>	<u>M0.389</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M945.000</u>	<u>M958.700</u>	<u>M970.700</u>
%RSD		<u>M0.549</u>	<u>M0.405</u>	<u>M0.409</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.636%	<u>M900.500</u>	-5.786
%RSD		0.270	<u>M0.902</u>	2.417
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		<u>M896.900</u>	91.680	0.000
%RSD		<u>M0.736</u>	0.769	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		99.940	679.600	<u>M961.100</u>
%RSD		0.909	16.080	<u>M0.681</u>
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.696%	106.200	92.270
%RSD		0.272	0.740	1.147
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M932.700</u>	0.000	87.647%
%RSD		<u>M0.439</u>	0.000	1.091
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		91.440	<u>TM222.200</u>	<u>TM890.800</u>
%RSD		0.766	<u>TM0.389</u>	<u>TM0.652</u>
Run	Time	209Bi		
		ppb		
X		86.803%		
%RSD		0.218		

240-17230 -a-6-k, 11/20/2012 12:32:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.965%	8.109	41.320
%RSD		0.406	2.469	3.749
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		588.700	29970.000	<u>TM</u> 105400.000
%RSD		0.574	0.810	<u>TM</u> 0.696
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 10130.000	75500.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.422	0.174
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.243%	98.405%	<u>M</u> 737.500
%RSD		0.678	2.146	<u>M</u> 1.226
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		168.700	<u>M</u> 372.900	28.880
%RSD		0.276	<u>M</u> 0.722	14.360
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5190.000	<u>TM</u> 249100.000	92.340
%RSD		<u>TM</u> 0.128	<u>TM</u> 0.254	0.534
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 325.200	<u>M</u> 246.500	<u>M</u> 1182.000
%RSD		<u>M</u> 0.716	<u>M</u> 1.155	<u>M</u> 0.276
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		96.942%	197.700	1.125
%RSD		2.399	0.267	14.760
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		10.660	32.740	0.000
%RSD		1.147	0.811	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.371	-73.060	4.917
%RSD		10.620	5.769	1.464
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		98.954%	17.000	16.050
%RSD		1.923	0.242	1.681
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 771.200	0.000	110.467%
%RSD		<u>M</u> 0.698	0.000	2.000
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		16.080	2.568	<u>TM</u> 674.700
%RSD		0.942	0.983	<u>TM</u> 0.399
Run	Time	209Bi		
		ppb		
X		99.197%		
%RSD		1.404		

SD 240-17230 -a-6-k@5, 11/20/2012 12:37:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.411%	1.847	9.359
%RSD		0.457	5.063	6.047
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		128.200	6571.000	<u>M</u> 22730.000
%RSD		0.985	0.620	<u>M</u> 0.213
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 2202.000	16100.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.135	0.299
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.056%	98.846%	153.200
%RSD		0.128	0.448	1.141
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		35.890	80.370	-11.070
%RSD		1.028	1.145	8.277
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1111.000	<u>TM</u> 53500.000	19.990
%RSD		<u>TM</u> 0.274	<u>TM</u> 0.716	0.729
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		72.510	56.680	<u>M</u> 278.400
%RSD		0.693	0.857	<u>M</u> 0.749
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		98.757%	44.160	0.234
%RSD		0.558	1.172	24.990
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		2.580	6.910	0.000
%RSD		10.550	2.365	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.083	-10.820	1.060
%RSD		19.390	85.410	3.017
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		99.851%	3.728	3.698
%RSD		0.494	2.036	1.773
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		166.100	0.000	103.616%
%RSD		0.134	0.000	0.379
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		3.800	0.736	151.200
%RSD		1.108	1.039	0.278
Run	Time	209Bi		
		ppb		
X		99.960%		
%RSD		0.273		

240-17230 -a-6-aa du, 11/20/2012 12:42:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.879%	7.462	38.160
%RSD		0.569	0.735	1.886
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		593.500	29320.000	<u>TM</u> 101900.000
%RSD		0.444	1.017	<u>TM</u> 0.494
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 10010.000	64970.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.093	0.489
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		102.678%	110.204%	<u>M</u> 773.400
%RSD		0.600	1.741	<u>M</u> 0.403
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		161.600	<u>M</u> 570.100	58.400
%RSD		0.759	<u>M</u> 0.297	11.240
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4920.000	<u>TM</u> 252700.000	96.910
%RSD		<u>TM</u> 0.297	<u>TM</u> 0.359	1.582
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 340.400	<u>M</u> 299.500	<u>M</u> 1116.000
%RSD		<u>M</u> 1.024	<u>M</u> 0.944	<u>M</u> 0.876
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		107.468%	<u>M</u> 200.500	1.012
%RSD		1.719	<u>M</u> 0.099	11.520
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		9.604	35.910	0.000
%RSD		2.944	1.575	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.375	-57.530	3.236
%RSD		3.317	3.723	1.130
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		107.566%	159.500	14.570
%RSD		0.838	0.676	1.774
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 746.400	0.000	117.634%
%RSD		<u>M</u> 0.665	0.000	0.984
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		13.810	2.384	<u>TM</u> 1880.000
%RSD		0.377	0.408	<u>TM</u> 0.664
Run	Time	209Bi		
		ppb		
X		105.395%		
%RSD		0.893		

240-17230 -a-6-q ms, 11/20/2012 12:47:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		92.216%	101.200	128.700
%RSD		1.082	0.438	1.559
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9226.000	40580.000	<u>TM</u> 138200.000
%RSD		0.706	0.209	<u>TM</u> 0.369
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 23690.000	77510.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.213	0.306
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		105.825%	114.657%	<u>M</u> 924.300
%RSD		0.647	1.808	<u>M</u> 1.357
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 298.300	<u>M</u> 444.800	39.040
%RSD		<u>M</u> 0.411	<u>M</u> 0.329	15.340
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5431.000	<u>TM</u> 275200.000	185.400
%RSD		<u>TM</u> 0.141	<u>TM</u> 0.508	0.225
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 412.700	<u>M</u> 330.600	<u>M</u> 1305.000
%RSD		<u>M</u> 1.119	<u>M</u> 0.329	<u>M</u> 0.426
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		112.229%	<u>M</u> 291.300	0.499
%RSD		1.380	<u>M</u> 0.219	50.170
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		89.310	112.900	0.000
%RSD		1.005	0.573	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		89.410	-103.100	92.260
%RSD		0.491	26.920	0.771
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		110.853%	91.160	35.140
%RSD		1.397	0.342	0.714
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 927.800	0.000	119.954%
%RSD		<u>M</u> 0.571	0.000	1.572
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		61.940	85.980	<u>TM</u> 701.600
%RSD		1.202	0.347	<u>TM</u> 0.084
Run	Time	209Bi		
		ppb		
X		106.667%		
%RSD		1.406		

PDS 240-17230 -a-6-k, 11/20/2012 12:54:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.114%	<u>M</u> 982.500	135.100
%RSD		0.774	<u>M</u> 0.788	0.176
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10120.000	39140.000	<u>TM</u> 112100.000
%RSD		0.562	0.357	<u>TM</u> 0.310
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 19860.000	83040.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.249	0.116
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		101.332%	108.942%	<u>M</u> 806.400
%RSD		0.451	1.350	<u>M</u> 0.583
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 1103.000	<u>M</u> 1309.000	186.200
%RSD		<u>M</u> 0.671	<u>M</u> 0.444	2.103
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 6010.000	<u>TM</u> 254000.000	<u>M</u> 1015.000
%RSD		<u>TM</u> 0.152	<u>TM</u> 0.448	<u>M</u> 0.457
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 1243.000	<u>M</u> 1151.000	<u>M</u> 2030.000
%RSD		<u>M</u> 0.346	<u>M</u> 0.208	<u>M</u> 0.455
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		106.043%	<u>M</u> 1090.000	-4.983
%RSD		1.436	<u>M</u> 0.731	12.220
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		<u>M</u> 875.300	130.100	0.000
%RSD		<u>M</u> 0.940	0.217	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		97.160	417.600	<u>M</u> 932.200
%RSD		0.230	20.790	<u>M</u> 0.307
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		108.248%	112.500	106.000
%RSD		0.661	0.478	1.244
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 1688.000	0.000	118.887%
%RSD		<u>M</u> 0.363	0.000	1.389
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		107.400	<u>TM</u> 226.200	<u>TM</u> 1522.000
%RSD		0.484	<u>TM</u> 0.180	<u>TM</u> 0.381
Run	Time	209Bi		
		ppb		
X		105.512%		
%RSD		0.896		

240-17230 -a-3-b, 11/20/2012 13:01:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		66.894%	9.321	80.310
%RSD		0.254	1.708	1.146
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1345.000	43360.000	<u>TM</u> 91550.000
%RSD		0.521	0.807	<u>TM</u> 0.261
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 7586.000	<u>M</u> 326400.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.090	<u>M</u> 0.203
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.234%	81.402%	<u>M</u> 1110.000
%RSD		0.316	0.986	<u>M</u> 1.802
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		123.800	<u>M</u> 267.400	6.669
%RSD		0.117	<u>M</u> 0.275	24.990
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9201.000	<u>TM</u> 191100.000	75.680
%RSD		<u>TM</u> 0.241	<u>TM</u> 0.632	0.251
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 291.400	<u>M</u> 217.700	<u>M</u> 778.300
%RSD		<u>M</u> 0.812	<u>M</u> 0.230	<u>M</u> 0.306
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.698%	111.700	0.895
%RSD		1.442	0.861	14.340
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.667	21.370	0.000
%RSD		4.963	1.774	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.358	-92.370	2.697
%RSD		8.857	18.990	1.626
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		84.841%	16.520	4.185
%RSD		0.869	0.754	4.428
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 947.000	0.000	98.510%
%RSD		<u>M</u> 0.160	0.000	1.129
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		2.309	1.691	<u>TM</u> 454.300
%RSD		7.777	2.438	<u>TM</u> 1.197
Run	Time	209Bi		
		ppb		
X		84.195%		
%RSD		2.046		

240-17230 -a-7-e, 11/20/2012 13:06:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.231%	7.467	35.090
%RSD		0.896	0.398	1.747
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		507.100	25120.000	<u>TM</u> 101200.000
%RSD		0.289	0.319	<u>TM</u> 0.075
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 10390.000	46740.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.012	0.188
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		105.180%	114.031%	<u>M</u> 708.900
%RSD		0.439	1.404	<u>M</u> 1.574
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		169.000	<u>M</u> 217.100	5.143
%RSD		0.439	<u>M</u> 0.671	42.830
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4449.000	<u>TM</u> 228500.000	85.440
%RSD		<u>TM</u> 0.232	<u>TM</u> 1.405	1.245
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 282.400	<u>M</u> 232.500	<u>M</u> 1114.000
%RSD		<u>M</u> 1.474	<u>M</u> 0.672	<u>M</u> 0.684
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		114.661%	196.400	1.042
%RSD		1.100	0.421	5.351
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		12.750	26.340	0.000
%RSD		2.157	1.815	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.380	-57.960	3.228
%RSD		1.744	13.770	4.375
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		112.952%	15.330	11.180
%RSD		1.423	0.425	0.469
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 694.400	0.000	119.337%
%RSD		<u>M</u> 0.437	0.000	1.589
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		3.634	2.015	<u>TM</u> 432.800
%RSD		0.953	0.419	<u>TM</u> 0.681
Run	Time	209Bi		
		ppb		
X		112.094%		
%RSD		0.767		

240-17317 -a-1-c, 11/20/2012 13:11:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		98.635%	6.940	34.690
%RSD		0.197	0.378	0.891
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		493.300	24780.000	<u>TM 93780.000</u>
%RSD		1.952	0.883	<u>TM 0.700</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 6828.000</u>	47590.000
%RSD		<u>TM 0.000</u>	<u>TM 0.056</u>	0.117
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>TM 113.626%</u>	119.874%	<u>M 841.200</u>
%RSD		<u>TM 0.784</u>	1.265	<u>M 0.325</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		156.300	183.300	5.789
%RSD		0.303	0.327	52.220
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 4850.000</u>	<u>TM 215200.000</u>	78.590
%RSD		<u>TM 0.372</u>	<u>TM 0.844</u>	1.436
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 248.200</u>	<u>M 206.200</u>	<u>M 639.100</u>
%RSD		<u>M 0.701</u>	<u>M 0.131</u>	<u>M 0.649</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		114.931%	158.600	1.083
%RSD		0.983	0.832	6.662
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.442	12.520	0.000
%RSD		0.287	3.410	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.482	-96.610	3.482
%RSD		3.881	4.645	3.225
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		115.276%	23.870	2.939
%RSD		1.593	0.512	2.981
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 606.800</u>	0.000	125.193%
%RSD		<u>M 1.054</u>	0.000	0.776
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.015	1.815	<u>TM 347.300</u>
%RSD		3.730	1.403	<u>TM 1.233</u>
Run	Time	209Bi		
		ppb		
X		107.241%		
%RSD		2.172		

CCV 3 11/20/2012 13:16:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.636%	104.430%	100.731%
%RSD		0.823	0.280	0.839
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.544%	102.725%	106.054%
%RSD		0.708	1.008	0.810
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	101.732%	100.413%
%RSD		0.000	0.797	0.541
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.402%	96.774%	103.943%
%RSD		0.539	1.147	0.913
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.884%	101.121%	-12.690
%RSD		0.658	0.638	11.490
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.447%	102.357%	101.367%
%RSD		0.524	1.052	0.646
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.653%	102.710%	105.466%
%RSD		1.125	1.804	2.565
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.713%	100.875%	-0.935
%RSD		1.581	1.112	21.680
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		102.049%	104.965%	0.000
%RSD		3.084	1.245	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		103.741%	63.750	102.829%
%RSD		0.964	80.910	1.063
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		98.083%	100.303%	99.782%
%RSD		0.367	1.080	0.808
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		100.845%	0.000	99.890%
%RSD		0.951	0.000	0.749
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.088%	101.715%	100.442%
%RSD		0.758	0.367	0.628
Run	Time	209Bi		
		ppb		
X		94.598%		
%RSD		0.220		

CCB 3 11/20/2012 13:23:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.255%	0.041	0.636
%RSD		0.211	33.360	31.380
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		11.810	11.820	1.525
%RSD		11.430	18.880	9.423
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	11.180	16.880
%RSD		±0.000	0.917	55.740
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.113%	86.565%	0.301
%RSD		0.490	0.497	20.660
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.067	-0.308	-25.540
%RSD		217.300	3.811	1.284
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.160	13.070	0.037
%RSD		8.132	11.150	18.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.031	0.099	0.774
%RSD		83.270	36.800	7.046
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.955%	-0.238	-0.072
%RSD		0.322	35.460	50.190
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.121	0.307	0.000
%RSD		13.640	28.160	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.028	-0.916	0.031
%RSD		21.640	130.400	69.730
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		91.869%	0.142	0.204
%RSD		0.390	12.780	14.650
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.038	0.000	93.183%
%RSD		33.490	0.000	0.673
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.696	0.361	0.104
%RSD		13.720	4.073	3.573
Run	Time	209Bi		
		ppb		
X		96.754%		
%RSD		0.447		

240-17317 -a-2-c, 11/20/2012 13:28:08 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.770%	20.350	135.600
%RSD		0.079	0.627	0.513
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2247.000	90040.000	<u>TM</u> 153500.000
%RSD		0.882	0.248	<u>TM</u> 0.093
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 10220.000	<u>TM</u> 510000.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.429	<u>TM</u> 0.427
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 75.168%	84.216%	<u>M</u> 2557.000
%RSD		<u>T</u> 0.732	1.175	<u>M</u> 1.009
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		166.100	<u>M</u> 329.400	17.610
%RSD		0.752	<u>M</u> 0.148	15.940
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 14690.000	<u>TM</u> 238900.000	74.260
%RSD		<u>TM</u> 0.454	<u>TM</u> 0.317	0.514
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 334.200	<u>M</u> 205.000	<u>M</u> 1049.000
%RSD		<u>M</u> 1.094	<u>M</u> 0.740	<u>M</u> 0.633
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.473%	142.400	1.011
%RSD		1.722	0.691	18.350
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		10.630	15.300	0.000
%RSD		4.772	2.607	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.579	-187.800	12.900
%RSD		1.085	14.470	0.578
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		86.404%	17.350	3.756
%RSD		1.829	0.349	1.176
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 1588.000	0.000	104.263%
%RSD		<u>M</u> 0.283	0.000	1.672
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		3.002	2.025	<u>TM</u> 666.800
%RSD		0.728	0.714	<u>TM</u> 0.457
Run	Time	209Bi		
		ppb		
X		84.299%		
%RSD		0.856		

240-17317 -a-3-c, 11/20/2012 13:33:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.700%	24.840	169.200
%RSD		0.968	1.313	1.561
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3805.000	<u>M</u> 109100.000	<u>TM</u> 195300.000
%RSD		0.262	<u>M</u> 1.108	<u>TM</u> 1.023
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 12820.000	<u>TM</u> 854000.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.647	<u>TM</u> 0.364
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.831%	82.506%	<u>M</u> 3925.000
%RSD		0.199	1.459	<u>M</u> 0.149
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		183.700	<u>M</u> 284.900	7.049
%RSD		0.696	<u>M</u> 0.237	45.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 20940.000	<u>TM</u> 172600.000	61.710
%RSD		<u>TM</u> 0.378	<u>TM</u> 0.991	0.863
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		183.800	122.100	<u>M</u> 822.100
%RSD		1.263	0.839	<u>M</u> 0.960
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.079%	90.940	1.316
%RSD		0.692	0.570	11.500
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		14.020	10.990	0.000
%RSD		4.220	1.368	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.435	-148.000	3.508
%RSD		10.130	2.800	5.048
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		86.144%	25.060	2.636
%RSD		0.843	0.324	1.424
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 2044.000	0.000	110.543%
%RSD		<u>M</u> 0.232	0.000	1.261
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.889	1.669	<u>TM</u> 738.900
%RSD		3.990	1.883	<u>TM</u> 0.515
Run	Time	209Bi		
		ppb		
X		80.822%		
%RSD		0.994		

240-17317 -a-4-c, 11/20/2012 13:37:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.422%	23.640	181.900
%RSD		0.164	0.497	0.220
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3662.000	85770.000	<u>TM</u> 145400.000
%RSD		0.807	0.288	<u>TM</u> 0.410
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 10810.000	<u>TM</u> 689400.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.163	<u>TM</u> 0.308
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.542%	79.638%	<u>M</u> 4464.000
%RSD		0.192	1.129	<u>M</u> 0.065
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		109.900	<u>M</u> 346.300	19.060
%RSD		0.570	<u>M</u> 0.531	9.960
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 17750.000	<u>TM</u> 154800.000	47.310
%RSD		<u>TM</u> 0.191	<u>TM</u> 0.303	0.806
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 239.300	140.000	<u>M</u> 700.700
%RSD		<u>M</u> 0.525	0.853	<u>M</u> 0.414
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.020%	111.700	1.192
%RSD		1.140	0.567	2.816
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		13.170	14.780	0.000
%RSD		2.925	1.899	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.499	-252.100	4.215
%RSD		2.511	6.446	2.383
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.464%	21.780	2.060
%RSD		0.651	0.458	3.979
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 1761.000	0.000	106.135%
%RSD		<u>M</u> 0.306	0.000	1.061
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.228	1.610	<u>TM</u> 594.400
%RSD		2.580	0.500	<u>TM</u> 0.948
Run	Time	209Bi		
		ppb		
X		80.573%		
%RSD		0.237		

240-17317 -a-5-b, 11/20/2012 13:42:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.770%	9.638	58.500
%RSD		0.351	1.089	3.474
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1030.000	50420.000	<u>TM 134600.000</u>
%RSD		0.337	0.397	<u>TM 0.467</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 11830.000</u>	<u>M 304200.000</u>
%RSD		<u>TM 0.000</u>	<u>TM 0.680</u>	<u>M 0.175</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.859%	75.611%	<u>M 813.200</u>
%RSD		0.355	1.605	<u>M 2.013</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 200.500</u>	<u>M 223.300</u>	1.300
%RSD		<u>M 1.504</u>	<u>M 1.041</u>	188.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8607.000</u>	<u>TM 241200.000</u>	83.200
%RSD		<u>TM 0.491</u>	<u>TM 0.475</u>	0.054
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 238.500</u>	173.500	<u>M 958.700</u>
%RSD		<u>M 1.409</u>	0.300	<u>M 0.694</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.751%	99.970	1.045
%RSD		1.856	0.475	9.026
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.463	14.230	0.000
%RSD		5.966	1.632	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.352	-110.900	3.032
%RSD		8.255	6.897	3.875
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		80.930%	12.160	2.327
%RSD		0.596	0.173	1.731
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 1020.000</u>	0.000	93.143%
%RSD		<u>M 0.470</u>	0.000	1.101
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.783	1.621	<u>TM 222.100</u>
%RSD		3.494	0.733	<u>TM 0.680</u>
Run	Time	209Bi		
		ppb		
X		84.935%		
%RSD		0.802		

240-17317 -a-6-b, 11/20/2012 13:47:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.208%	9.426	41.540
%RSD		0.348	1.185	1.610
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		969.500	46860.000	<u>TM</u> 125800.000
%RSD		0.373	0.625	<u>TM</u> 0.278
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 10060.000	<u>M</u> 390100.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.313	<u>M</u> 0.206
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.799%	73.107%	<u>M</u> 608.600
%RSD		0.732	0.678	<u>M</u> 0.827
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		185.100	<u>M</u> 210.600	-2.093
%RSD		0.825	<u>M</u> 0.091	112.500
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7721.000	<u>TM</u> 241200.000	87.660
%RSD		<u>TM</u> 0.386	<u>TM</u> 0.572	0.299
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 281.300	167.400	<u>M</u> 874.300
%RSD		<u>M</u> 0.256	0.444	<u>M</u> 0.704
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.402%	132.000	0.963
%RSD		0.483	1.324	19.990
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.526	14.310	0.000
%RSD		2.888	1.276	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.364	-76.820	2.284
%RSD		6.155	19.440	4.948
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		79.650%	11.190	1.394
%RSD		0.461	2.381	3.883
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 985.900	0.000	91.938%
%RSD		<u>M</u> 0.725	0.000	0.467
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.674	1.734	<u>M</u> 199.500
%RSD		0.282	1.178	<u>M</u> 0.420
Run	Time	209Bi		
		ppb		
X		84.557%		
%RSD		1.179		

240-17317 -a-7-e, 11/20/2012 13:52:54 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.128%	10.160	39.960
%RSD		0.664	0.318	2.290
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		612.300	42760.000	<u>TM</u> 148900.000
%RSD		0.991	0.534	<u>TM</u> 0.613
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 14340.000	45110.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.522	0.495
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.417%	112.685%	<u>M</u> 707.300
%RSD		1.236	1.291	<u>M</u> 1.927
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 251.300	<u>M</u> 258.200	9.443
%RSD		<u>M</u> 0.198	<u>M</u> 0.182	13.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5545.000	<u>TM</u> 320800.000	151.000
%RSD		<u>TM</u> 0.452	<u>TM</u> 0.814	0.569
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 326.400	<u>M</u> 208.800	<u>M</u> 742.000
%RSD		<u>M</u> 0.547	<u>M</u> 0.839	<u>M</u> 0.931
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		109.059%	136.200	1.266
%RSD		1.652	0.308	3.958
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.725	18.300	0.000
%RSD		3.384	1.793	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.344	-122.300	1.411
%RSD		7.195	5.256	5.431
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		109.468%	10.400	1.418
%RSD		1.002	0.503	2.328
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 1009.000	0.000	125.016%
%RSD		<u>M</u> 0.231	0.000	1.326
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.608	1.994	<u>T</u> 188.100
%RSD		0.562	1.102	<u>T</u> 0.484
Run	Time	209Bi		
		ppb		
X		105.765%		
%RSD		1.138		

240-17317 -a-7-1 du, 11/20/2012 13:57:50 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.337%	9.243	30.860
%RSD		0.414	0.838	1.192
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		633.500	42990.000	<u>TM</u> 136600.000
%RSD		0.312	0.463	<u>TM</u> 0.310
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 12390.000	53400.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.508	0.095
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		109.087%	119.279%	<u>M</u> 646.500
%RSD		0.239	1.289	<u>M</u> 1.220
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 228.800	<u>M</u> 246.400	16.730
%RSD		<u>M</u> 0.679	<u>M</u> 0.788	4.150
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3944.000	<u>TM</u> 297600.000	129.000
%RSD		<u>TM</u> 0.066	<u>TM</u> 1.004	0.243
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 313.900	<u>M</u> 201.100	<u>M</u> 671.300
%RSD		<u>M</u> 0.732	<u>M</u> 0.679	<u>M</u> 0.460
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		114.107%	130.900	1.011
%RSD		0.550	0.297	9.608
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.356	15.630	0.000
%RSD		6.683	2.582	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.330	-129.200	1.355
%RSD		5.612	4.725	2.223
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		114.323%	9.846	1.191
%RSD		1.197	0.866	1.516
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 880.100	0.000	127.261%
%RSD		<u>M</u> 0.275	0.000	1.356
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.538	1.842	<u>T</u> 184.000
%RSD		3.305	1.051	<u>T</u> 0.526
Run	Time	209Bi		
		ppb		
X		107.860%		
%RSD		0.447		

240-17317 -a-7-h ms, 11/20/2012 14:02:48 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		93.352%	96.800	89.830
%RSD		0.158	0.139	0.450
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8995.000	52250.000	<u>TM</u> 153200.000
%RSD		0.616	0.426	<u>TM</u> 0.085
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 21270.000	62730.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.146	0.124
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		111.078%	123.289%	<u>M</u> 771.700
%RSD		0.513	1.387	<u>M</u> 1.161
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 325.600	<u>M</u> 340.200	30.280
%RSD		<u>M</u> 0.434	<u>M</u> 0.538	16.640
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4120.000	<u>TM</u> 306700.000	<u>M</u> 220.900
%RSD		<u>TM</u> 0.120	<u>TM</u> 0.686	<u>M</u> 0.352
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 405.700	<u>M</u> 284.700	<u>M</u> 764.700
%RSD		<u>M</u> 0.107	<u>M</u> 0.598	<u>M</u> 0.534
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		116.861%	<u>M</u> 216.600	0.814
%RSD		1.798	<u>M</u> 0.620	17.520
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		73.910	98.450	0.000
%RSD		0.943	0.579	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		88.170	-183.400	84.220
%RSD		0.096	6.140	0.239
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		116.750%	86.150	21.620
%RSD		1.409	0.397	0.717
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 957.500	0.000	129.979%
%RSD		<u>M</u> 0.737	0.000	1.066
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		49.510	84.550	<u>TM</u> 263.600
%RSD		0.437	0.431	<u>TM</u> 0.645
Run	Time	209Bi		
		ppb		
X		110.840%		
%RSD		0.903		

240-17317 -a-8-b, 11/20/2012 14:09:32 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		92.602%	10.470	55.790
%RSD		0.325	1.298	0.811
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		778.300	49990.000	<u>TM</u> 186100.000
%RSD		1.256	1.112	<u>TM</u> 0.585
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 20110.000	49420.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.288	0.557
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 114.343%	124.029%	<u>M</u> 747.500
%RSD		<u>T</u> 0.860	1.549	<u>M</u> 0.233
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 284.800	<u>M</u> 280.500	14.860
%RSD		<u>M</u> 0.364	<u>M</u> 0.883	9.529
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3572.000	<u>TM</u> 324400.000	127.600
%RSD		<u>TM</u> 0.435	<u>TM</u> 0.537	0.107
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 359.500	<u>M</u> 232.300	<u>M</u> 791.100
%RSD		<u>M</u> 0.290	<u>M</u> 0.210	<u>M</u> 0.333
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		119.358%	137.800	1.393
%RSD		1.838	0.329	3.161
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.068	15.210	0.000
%RSD		3.881	1.700	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.384	-127.400	1.277
%RSD		3.141	2.836	4.478
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		117.939%	16.010	1.189
%RSD		0.984	0.934	4.140
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 963.500	0.000	127.194%
%RSD		<u>M</u> 0.400	0.000	1.379
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.873	2.336	<u>T</u> 165.900
%RSD		5.561	0.200	<u>T</u> 0.914
Run	Time	209Bi		
		ppb		
X		113.785%		
%RSD		0.822		

240-17317 -a-9-c, 11/20/2012 14:14:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.083%	8.268	44.930
%RSD		0.168	1.526	2.396
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		751.100	30280.000	<u>TM 99410.000</u>
%RSD		0.094	0.113	<u>TM 0.133</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 7124.000</u>	98370.000
%RSD		<u>TM 0.000</u>	<u>TM 0.523</u>	0.214
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		99.327%	102.935%	<u>M 888.600</u>
%RSD		0.297	0.905	<u>M 0.327</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		165.500	<u>M 222.100</u>	4.828
%RSD		1.658	<u>M 0.515</u>	64.640
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 6586.000</u>	<u>TM 221800.000</u>	70.820
%RSD		<u>TM 0.192</u>	<u>TM 0.716</u>	0.491
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 224.100</u>	177.600	<u>M 979.600</u>
%RSD		<u>M 0.407</u>	0.640	<u>M 0.521</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		100.377%	149.400	0.891
%RSD		0.734	1.087	11.640
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.610	14.300	0.000
%RSD		3.294	1.491	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.518	-116.400	5.970
%RSD		8.053	17.640	0.172
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		105.281%	18.290	2.111
%RSD		0.672	0.575	3.563
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 738.100</u>	0.000	113.050%
%RSD		<u>M 0.634</u>	0.000	1.170
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.444	1.865	<u>TM 337.700</u>
%RSD		1.577	1.255	<u>TM 1.251</u>
Run	Time	209Bi		
		ppb		
X		100.365%		
%RSD		1.493		

CCV 4 11/20/2012 14:19:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.178%	105.233%	102.053%
%RSD		0.594	0.721	1.373
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.857%	101.645%	103.581%
%RSD		0.411	0.192	1.241
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	101.868%	100.410%
%RSD		0.000	0.151	0.410
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.651%	91.823%	101.980%
%RSD		0.403	0.959	1.570
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.747%	100.697%	-13.820
%RSD		0.676	0.271	14.060
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		103.343%	102.765%	101.246%
%RSD		0.144	0.586	0.357
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.748%	102.366%	105.531%
%RSD		0.095	1.235	1.282
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.374%	101.757%	-0.954
%RSD		1.028	0.323	37.970
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.552%	104.711%	0.000
%RSD		0.440	0.885	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		103.371%	-16.510	104.131%
%RSD		0.810	312.000	0.295
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		94.638%	101.125%	100.238%
%RSD		0.837	0.396	0.362
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		101.254%	0.000	97.919%
%RSD		0.748	0.000	1.032
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.941%	102.049%	100.406%
%RSD		0.889	0.291	0.632
Run	Time	209Bi		
		ppb		
X		93.210%		
%RSD		0.405		

CCB 4 11/20/2012 14:26:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.700%	0.031	1.323
%RSD		0.684	25.460	13.230
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13.610	13.370	2.740
%RSD		3.098	18.820	16.610
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	14.560	23.310
%RSD		±0.000	3.139	18.250
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.745%	82.241%	0.627
%RSD		0.550	0.982	22.770
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.320	-0.327	-23.880
%RSD		33.880	7.057	1.870
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.282	18.630	0.038
%RSD		0.616	7.624	15.030
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.065	0.121	0.809
%RSD		10.000	16.690	37.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.472%	-0.151	-0.133
%RSD		0.590	30.360	31.680
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.112	0.350	0.000
%RSD		45.830	20.450	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.029	-0.740	0.040
%RSD		23.870	70.790	27.660
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		88.286%	0.158	0.147
%RSD		0.741	6.684	11.970
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.068	0.000	90.965%
%RSD		12.030	0.000	0.652
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.663	0.337	0.108
%RSD		10.090	7.202	5.342
Run	Time	209Bi		
		ppb		
X		95.294%		
%RSD		0.239		

240-17317 -a-10-b, 11/20/2012 14:31:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.625%	7.173	34.200
%RSD		1.355	1.220	1.762
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		600.400	30610.000	<u>TM 102200.000</u>
%RSD		0.705	0.744	<u>TM 0.296</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 7736.000</u>	76350.000
%RSD		<u>T 0.000</u>	<u>T 0.554</u>	0.208
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.230%	100.664%	<u>M 813.100</u>
%RSD		0.792	1.619	<u>M 0.405</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		183.500	<u>M 251.600</u>	7.363
%RSD		0.416	<u>M 0.891</u>	35.770
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 6110.000</u>	<u>TM 241400.000</u>	81.250
%RSD		<u>TM 0.324</u>	<u>TM 1.053</u>	0.422
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 271.100</u>	193.700	<u>M 1075.000</u>
%RSD		<u>M 1.148</u>	0.623	<u>M 0.477</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		98.517%	141.000	1.066
%RSD		2.283	0.871	3.668
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.372	13.630	0.000
%RSD		4.651	1.751	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.587	-61.930	5.279
%RSD		4.619	7.072	2.378
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		102.996%	12.940	2.637
%RSD		1.546	0.549	1.566
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 1102.000</u>	0.000	112.595%
%RSD		<u>M 0.358</u>	0.000	1.489
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.073	1.694	<u>TM 382.200</u>
%RSD		1.885	1.328	<u>TM 0.502</u>
Run	Time	209Bi		
		ppb		
X		101.893%		
%RSD		1.662		

240-17317 -a-14-b, 11/20/2012 14:36:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.686%	10.060	43.680
%RSD		0.410	1.679	0.437
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		841.000	39170.000	<u>M 146700.000</u>
%RSD		0.571	0.081	<u>M 0.352</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 9676.000</u>	<u>M 281500.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.297</u>	<u>M 0.202</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.914%	78.490%	<u>M 838.200</u>
%RSD		0.161	1.193	<u>M 0.764</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 227.600</u>	<u>M 236.400</u>	2.195
%RSD		<u>M 0.554</u>	<u>M 0.298</u>	268.100
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 11670.000</u>	<u>TM 294200.000</u>	95.510
%RSD		<u>TM 0.141</u>	<u>TM 0.454</u>	0.735
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 236.500</u>	170.800	<u>M 2051.000</u>
%RSD		<u>M 2.243</u>	1.154	<u>M 0.428</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.971%	<u>M 200.400</u>	1.016
%RSD		0.927	<u>M 0.423</u>	6.599
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.769	15.570	0.000
%RSD		7.776	2.013	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.322	-73.770	2.326
%RSD		10.500	34.270	2.129
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.692%	9.717	1.130
%RSD		0.447	2.357	4.866
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 1037.000</u>	0.000	93.831%
%RSD		<u>M 0.279</u>	0.000	1.282
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.492	1.838	150.500
%RSD		0.940	0.777	0.370
Run	Time	209Bi		
		ppb		
X		86.665%		
%RSD		1.123		

240-17317 -a-15-b, 11/20/2012 14:41:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.812%	7.373	36.440
%RSD		0.231	0.864	2.415
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		550.200	29820.000	<u>TM</u> 120500.000
%RSD		0.846	0.575	<u>TM</u> 0.263
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 8977.000	73160.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.473	0.242
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		96.439%	104.946%	<u>M</u> 724.300
%RSD		0.270	1.246	<u>M</u> 0.408
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 216.500	<u>M</u> 215.900	2.502
%RSD		<u>M</u> 0.284	<u>M</u> 0.271	10.710
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 14100.000	<u>TM</u> 244800.000	115.100
%RSD		<u>TM</u> 0.217	<u>TM</u> 0.381	0.469
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 265.100	<u>M</u> 288.400	<u>M</u> 1262.000
%RSD		<u>M</u> 0.746	<u>M</u> 0.324	<u>M</u> 0.113
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		102.253%	138.900	1.113
%RSD		1.151	0.349	9.109
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.994	16.470	0.000
%RSD		4.822	0.830	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.395	-58.360	2.896
%RSD		2.871	12.940	2.483
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		105.428%	9.104	1.363
%RSD		1.017	0.744	2.673
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 868.200	0.000	116.357%
%RSD		<u>M</u> 0.533	0.000	1.402
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.707	1.894	178.000
%RSD		2.895	1.631	0.347
Run	Time	209Bi		
		ppb		
X		103.450%		
%RSD		0.749		

240-17317 -a-16-b, 11/20/2012 14:46:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.845%	7.977	30.390
%RSD		0.037	0.509	1.492
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		509.400	30470.000	<u>TM</u> 146500.000
%RSD		0.890	0.785	<u>TM</u> 0.753
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 9666.000	55580.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.644	0.340
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		106.792%	115.184%	<u>M</u> 743.900
%RSD		0.131	0.977	<u>M</u> 0.271
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 271.200	<u>M</u> 207.700	7.855
%RSD		<u>M</u> 0.374	<u>M</u> 0.680	9.866
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 12490.000	<u>TM</u> 271800.000	114.800
%RSD		<u>TM</u> 0.230	<u>TM</u> 1.004	1.181
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		198.600	133.900	<u>M</u> 646.900
%RSD		0.761	0.649	<u>M</u> 0.594
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		112.110%	128.000	0.989
%RSD		0.884	0.554	9.047
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.084	14.200	0.000
%RSD		1.544	0.319	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.542	-56.800	1.620
%RSD		2.750	12.070	5.583
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		112.508%	10.620	1.162
%RSD		1.107	1.678	3.415
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 962.900	0.000	117.037%
%RSD		<u>M</u> 0.052	0.000	1.281
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.554	1.991	<u>±</u> 174.900
%RSD		2.811	0.387	<u>±</u> 0.786
Run	Time	209Bi		
		ppb		
X		107.941%		
%RSD		0.718		

240-17317 -a-17-b, 11/20/2012 14:51:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.324%	12.700	57.600
%RSD		0.340	0.676	0.476
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		952.200	45280.000	<u>TM 168300.000</u>
%RSD		0.845	0.403	<u>TM 0.664</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 15500.000</u>	91350.000
%RSD		<u>T 0.000</u>	<u>T 0.498</u>	0.242
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		105.966%	113.972%	<u>M 1008.000</u>
%RSD		0.465	1.600	<u>M 0.666</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 244.000</u>	<u>M 268.000</u>	11.700
%RSD		<u>M 0.746</u>	<u>M 0.460</u>	25.080
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7435.000</u>	<u>TM 283400.000</u>	124.300
%RSD		<u>TM 0.219</u>	<u>TM 0.092</u>	0.276
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 275.400</u>	<u>M 246.600</u>	<u>M 1482.000</u>
%RSD		<u>M 0.231</u>	<u>M 0.624</u>	<u>M 0.544</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		111.078%	156.800	1.155
%RSD		1.283	0.557	9.147
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		11.200	12.540	0.000
%RSD		4.073	0.815	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.488	-83.500	3.655
%RSD		9.989	13.960	3.910
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		109.838%	12.530	1.990
%RSD		0.714	1.378	2.542
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 1022.000</u>	0.000	123.889%
%RSD		<u>M 0.515</u>	0.000	1.207
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.710	2.077	<u>TM 299.100</u>
%RSD		3.077	1.892	<u>TM 0.645</u>
Run	Time	209Bi		
		ppb		
X		106.341%		
%RSD		0.972		

240-17317 -a-18-b, 11/20/2012 14:56:19 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		98.196%	6.180	44.640
%RSD		0.465	2.682	1.583
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		485.100	21520.000	<u>TM</u> 104100.000
%RSD		0.698	0.249	<u>TM</u> 0.518
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 9038.000	18510.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.436	0.315
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 116.237%	120.330%	<u>M</u> 673.300
%RSD		<u>T</u> 0.659	1.198	<u>M</u> 1.562
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		189.000	177.000	-0.703
%RSD		0.338	0.381	181.800
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3750.000	<u>TM</u> 191100.000	110.700
%RSD		<u>TM</u> 0.273	<u>TM</u> 0.692	0.596
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 207.700	168.500	<u>M</u> 666.900
%RSD		<u>M</u> 0.406	0.545	<u>M</u> 0.094
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		118.278%	107.800	1.230
%RSD		1.041	0.964	5.149
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.418	11.330	0.000
%RSD		4.232	0.644	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.450	-75.650	2.457
%RSD		5.417	5.027	3.064
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		116.315%	11.430	1.617
%RSD		0.907	0.474	1.104
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 697.200	0.000	128.912%
%RSD		<u>M</u> 0.172	0.000	1.088
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.581	1.648	<u>TM</u> 295.200
%RSD		2.787	1.641	<u>TM</u> 0.831
Run	Time	209Bi		
		ppb		
X		111.489%		
%RSD		0.967		

240-17317 -a-19-d, 11/20/2012 15:01:16 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		98.193%	4.662	26.140
%RSD		0.787	2.522	2.506
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		508.400	18420.000	TM 77490.000
%RSD		1.260	0.989	TM 0.618
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		^U 0.000	^U 6093.000	18270.000
%RSD		^U 0.000	^U 0.432	0.169
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		^U 115.439%	118.516%	^M 552.100
%RSD		^U 0.169	0.452	^M 0.643
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		142.400	^M 455.300	44.650
%RSD		0.689	^M 0.857	4.844
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 3211.000	TM 193800.000	75.980
%RSD		TM 0.301	TM 1.022	0.445
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		^M 308.400	158.500	^M 504.400
%RSD		^M 0.471	0.126	^M 0.555
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		115.333%	98.860	0.941
%RSD		1.389	1.329	9.752
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.369	14.970	0.000
%RSD		2.907	2.355	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.305	-63.140	1.692
%RSD		5.528	7.218	4.189
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		115.512%	11.030	1.269
%RSD		0.510	0.812	6.180
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		^M 555.200	0.000	123.407%
%RSD		^M 0.285	0.000	1.284
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.115	1.232	^U 176.200
%RSD		1.939	0.453	^U 1.207
Run	Time	209Bi		
		ppb		
X		108.513%		
%RSD		0.500		

240-17317 -a-19-k du, 11/20/2012 15:06:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		94.730%	5.137	28.880
%RSD		0.160	0.652	1.907
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		539.600	19370.000	<u>TM 85510.000</u>
%RSD		0.863	0.705	<u>TM 0.410</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 6989.000</u>	19390.000
%RSD		<u>TM 0.000</u>	<u>TM 0.594</u>	1.083
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>TM 113.861%</u>	116.749%	<u>M 517.200</u>
%RSD		<u>TM 0.751</u>	1.341	<u>M 1.050</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		159.900	<u>M 360.600</u>	22.860
%RSD		1.031	<u>M 0.780</u>	29.370
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 3341.000</u>	<u>TM 201800.000</u>	79.070
%RSD		<u>TM 0.675</u>	<u>TM 1.420</u>	1.090
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 268.400</u>	164.700	<u>M 553.700</u>
%RSD		<u>M 0.571</u>	0.173	<u>M 0.463</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		114.450%	111.000	1.014
%RSD		1.231	0.983	10.270
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.062	13.560	0.000
%RSD		1.403	0.387	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.297	-62.370	1.868
%RSD		5.130	7.875	5.706
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		114.101%	12.540	17.320
%RSD		0.731	0.950	1.372
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 593.300</u>	0.000	122.015%
%RSD		<u>M 0.405</u>	0.000	1.443
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.911	1.329	<u>TM 192.800</u>
%RSD		0.280	0.306	<u>TM 0.545</u>
Run	Time	209Bi		
		ppb		
X		106.086%		
%RSD		0.821		

240-17317 -a-19-g ms, 11/20/2012 15:11:10 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		95.355%	100.500	101.600
%RSD		0.287	0.440	2.379
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9381.000	30300.000	<u>TM</u> 111300.000
%RSD		0.382	0.250	<u>TM</u> 0.378
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 18360.000	32520.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.453	0.535
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		108.885%	116.123%	<u>M</u> 678.400
%RSD		0.105	1.373	<u>M</u> 0.494
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 264.500	<u>M</u> 507.700	45.470
%RSD		<u>M</u> 0.653	<u>M</u> 0.125	4.736
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3400.000	<u>TM</u> 213000.000	167.300
%RSD		<u>TM</u> 0.289	<u>TM</u> 0.440	0.285
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 379.400	<u>M</u> 248.000	<u>M</u> 680.800
%RSD		<u>M</u> 0.531	<u>M</u> 0.581	<u>M</u> 0.271
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		113.224%	<u>M</u> 199.400	0.456
%RSD		0.890	<u>M</u> 0.956	13.290
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		89.270	96.610	0.000
%RSD		0.721	1.695	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		92.130	-89.510	92.780
%RSD		0.424	43.370	0.565
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		112.428%	87.780	27.010
%RSD		0.975	0.441	0.265
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 679.800	0.000	120.342%
%RSD		<u>M</u> 0.517	0.000	1.493
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		55.510	87.520	<u>TM</u> 257.900
%RSD		1.014	0.312	<u>TM</u> 0.589
Run	Time	209Bi		
		ppb		
X		107.987%		
%RSD		0.724		

240-17317 -a-20-b, 11/20/2012 15:18:21 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		101.239%	4.713	27.900
%RSD		0.394	3.713	0.952
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		465.900	18280.000	TM 79750.000
%RSD		1.118	0.213	TM 0.180
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		^U 0.000	^U 6116.000	19870.000
%RSD		^U 0.000	^U 0.735	0.392
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		^U 119.702%	123.489%	^M 528.100
%RSD		^U 0.268	1.094	^M 0.961
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		152.300	^M 242.500	16.100
%RSD		0.436	^M 0.270	13.040
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 3442.000	TM 193200.000	79.090
%RSD		TM 0.447	TM 0.203	0.722
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		^M 208.800	153.100	^M 494.300
%RSD		^M 0.512	0.755	^M 0.540
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		118.371%	99.830	0.924
%RSD		1.181	0.793	10.390
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.601	12.270	0.000
%RSD		1.471	3.100	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.297	-72.660	1.663
%RSD		5.937	4.824	7.962
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		117.883%	13.150	1.240
%RSD		0.838	1.150	0.933
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		^M 565.400	0.000	124.309%
%RSD		^M 0.584	0.000	1.228
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.167	1.499	^U 172.600
%RSD		7.998	1.535	^U 0.541
Run	Time	209Bi		
		ppb		
X		109.660%		
%RSD		0.397		

CCV 5 11/20/2012 15:23:18 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.748%	105.753%	101.744%
%RSD		0.339	0.840	0.705
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.388%	102.295%	105.998%
%RSD		0.797	0.614	2.204
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.274%	99.945%
%RSD		0.000	0.148	0.543
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.347%	87.316%	101.965%
%RSD		0.458	0.656	2.579
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.398%	100.120%	-14.260
%RSD		0.637	0.922	13.330
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.348%	103.508%	100.318%
%RSD		0.215	0.608	0.200
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.623%	101.074%	104.738%
%RSD		1.274	1.372	0.702
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.725%	100.627%	-0.927
%RSD		1.365	1.232	42.030
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		102.443%	104.393%	0.000
%RSD		0.418	0.636	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		103.351%	59.130	103.981%
%RSD		0.190	41.620	0.590
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		89.919%	101.637%	102.039%
%RSD		0.198	0.304	0.376
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		102.158%	0.000	94.425%
%RSD		0.529	0.000	0.691
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.976%	100.913%	101.578%
%RSD		0.299	0.126	0.094
Run	Time	209Bi		
		ppb		
X		89.171%		
%RSD		0.938		

CCB 5 11/20/2012 15:30:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.663%	0.049	0.959
%RSD		0.951	6.244	8.391
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		17.650	17.200	5.044
%RSD		4.378	25.530	5.701
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	21.180	25.450
%RSD		±0.000	1.996	13.070
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.828%	81.032%	0.216
%RSD		0.432	0.130	71.250
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.000	-0.247	-25.270
%RSD		55840.000	16.840	3.991
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.381	24.680	0.051
%RSD		6.425	6.459	1.409
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.057	0.109	0.773
%RSD		45.690	16.800	5.801
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.693%	-0.154	-0.033
%RSD		0.809	60.390	96.040
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.125	0.257	0.000
%RSD		51.420	38.960	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.050	-0.603	0.036
%RSD		5.704	112.300	47.370
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		86.786%	0.133	0.155
%RSD		0.306	10.570	4.753
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.084	0.000	89.637%
%RSD		22.060	0.000	0.688
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.645	0.336	0.109
%RSD		11.870	6.447	5.042
Run	Time	209Bi		
		ppb		
X		92.445%		
%RSD		0.364		

CRI -751770 11/20/2012 15:35:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		71.481%	103.015%	112.068%
%RSD		0.690	4.837	1.546
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.165%	101.867%	97.874%
%RSD		0.891	2.728	2.100
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	100.605%	96.013%
%RSD		±0.000	0.533	2.462
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.747%	81.275%	85.906%
%RSD		0.513	0.809	5.039
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		94.694%	83.892%	-21.720
%RSD		5.024	2.423	3.857
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.051%	108.432%	102.211%
%RSD		3.839	2.133	2.781
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.958%	110.573%	110.403%
%RSD		5.260	2.123	2.427
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.456%	92.712%	-0.132
%RSD		0.642	5.112	46.060
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		92.244%	96.525%	0.000
%RSD		8.049	2.726	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		109.850%	2.028	107.505%
%RSD		2.243	278.200	8.541
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		86.438%	100.750%	102.005%
%RSD		0.562	1.935	0.451
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		106.523%	0.000	89.580%
%RSD		4.029	0.000	0.317
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		98.065%	114.204%	102.119%
%RSD		1.617	0.744	0.983
Run	Time	209Bi		
		ppb		
X		91.521%		
%RSD		0.355		

MDLV 11/20/2012 15:40:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.978%	1.080	31.950
%RSD		0.293	2.282	0.769
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		416.800	263.000	47.060
%RSD		0.597	0.393	4.236
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	108.900	1012.000
%RSD		±0.000	0.536	2.639
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.792%	77.275%	2.085
%RSD		0.524	0.213	11.650
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.669	4.352	-21.660
%RSD		37.250	1.930	4.083
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		6.694	335.400	0.175
%RSD		0.467	1.070	15.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.627	3.203	21.820
%RSD		6.958	1.751	3.173
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.873%	1.270	-0.130
%RSD		1.405	16.260	17.480
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.650	3.894	0.000
%RSD		11.300	3.327	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.090	-1.004	0.109
%RSD		18.240	152.300	32.570
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		82.696%	103.400	1.668
%RSD		0.336	0.442	5.212
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		3.274	0.000	86.473%
%RSD		6.674	0.000	0.234
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.275	1.575	2.051
%RSD		5.789	0.593	1.049
Run	Time	209Bi		
		ppb		
X		88.887%		
%RSD		0.276		

PDS 240-17361 -f-1-a, 11/20/2012 15:45:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		66.370%	M1099.000	107.200
%RSD		1.064	M0.643	1.233
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		14580.000	13270.000	M9836.000
%RSD		0.279	0.661	M0.664
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T10310.000	12270.000
%RSD		T0.000	T0.417	0.952
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.550%	77.394%	97.810
%RSD		0.518	1.001	1.699
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M987.100	M1011.000	130.800
%RSD		M0.655	M0.475	2.132
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1274.000	T15690.000	M994.100
%RSD		TM0.117	T0.600	M0.380
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M1011.000	M1017.000	M1068.000
%RSD		M0.545	M0.593	M0.168
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.452%	M984.800	-7.417
%RSD		1.280	M0.262	9.303
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M1011.000	96.700	0.000
%RSD		M0.199	0.016	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		104.700	621.200	M1064.000
%RSD		0.108	26.250	M0.336
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		82.135%	101.200	99.480
%RSD		0.982	0.878	0.437
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M1042.000	0.000	86.780%
%RSD		M0.625	0.000	1.141
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		99.120	TM242.300	TM980.200
%RSD		0.946	TM0.365	TM0.688
Run	Time	209Bi		
		ppb		
X		86.028%		
%RSD		0.671		

CCV 11/20/2012 15:52:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.721%	107.120%	101.965%
%RSD		1.228	0.778	0.682
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.201%	100.930%	104.737%
%RSD		0.131	0.679	1.166
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.264%	100.310%
%RSD		0.000	1.217	0.929
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.992%	78.855%	103.949%
%RSD		1.333	1.795	2.982
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.567%	99.753%	-14.230
%RSD		0.724	0.729	13.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.535%	100.786%	99.440%
%RSD		0.681	0.963	0.699
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.004%	99.918%	103.633%
%RSD		0.580	0.431	1.347
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.408%	99.814%	-0.881
%RSD		2.634	0.645	25.060
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.625%	104.383%	0.000
%RSD		0.523	0.353	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.502%	72.110	103.196%
%RSD		0.209	85.180	0.249
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		82.541%	101.143%	102.014%
%RSD		1.517	0.103	0.530
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		100.486%	0.000	87.297%
%RSD		0.962	0.000	1.386
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.824%	101.697%	101.619%
%RSD		0.548	0.460	0.896
Run	Time	209Bi		
		ppb		
X		82.323%		
%RSD		0.926		

CCB 11/20/2012 15:59:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.411%	0.046	1.442
%RSD		0.485	23.840	13.420
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10.900	12.010	3.719
%RSD		4.199	14.120	18.060
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	14.200	16.520
%RSD		±0.000	3.411	32.720
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.159%	72.902%	0.150
%RSD		0.391	0.196	85.780
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.432	-0.291	-24.140
%RSD		12.400	9.645	3.036
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.253	15.180	0.034
%RSD		3.321	9.141	18.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.008	0.123	0.708
%RSD		251.600	10.930	9.640
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.398%	-0.241	-0.081
%RSD		0.653	11.230	154.900
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.173	0.298	0.000
%RSD		5.648	17.190	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.028	-1.555	0.051
%RSD		31.930	82.140	14.180
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		79.140%	0.179	0.253
%RSD		0.146	2.278	6.390
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.046	0.000	83.652%
%RSD		75.380	0.000	0.358
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.782	0.435	0.089
%RSD		6.680	6.292	6.152
Run	Time	209Bi		
		ppb		
X		86.150%		
%RSD		0.111		

240-17578 -j-1-a, 11/20/2012 16:04:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.797%	5.004	M 4299.000
%RSD		0.840	2.362	M 1.092
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 29910.000	87110.000	M 36390.000
%RSD		T 0.532	1.160	M 0.522
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 16600.000	TM 974000.000
%RSD		T 0.000	T 0.384	TM 0.120
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.296%	74.355%	M 1331.000
%RSD		0.547	0.732	M 1.170
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		189.100	109.700	-10.220
%RSD		0.587	0.876	20.690
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 749.100	T 40150.000	20.740
%RSD		T 0.418	T 0.469	1.162
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		104.700	91.130	M 3588.000
%RSD		0.885	1.199	M 0.218
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.307%	50.660	-0.534
%RSD		1.474	0.751	36.190
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		163.700	57.790	0.000
%RSD		1.449	1.285	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.202	-29.670	2.563
%RSD		7.553	56.250	7.075
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		76.990%	5.010	5.317
%RSD		1.226	2.576	2.580
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M 535.700	0.000	87.642%
%RSD		M 0.621	0.000	1.367
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		4.547	3.911	83.110
%RSD		2.324	0.447	0.970
Run	Time	209Bi		
		ppb		
X		75.116%		
%RSD		1.249		

240-17578 -j-1-a@5, 11/20/2012 16:09:48 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.403%	1.160	<u>M</u> 962.800
%RSD		0.362	5.828	<u>M</u> 0.309
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		6506.000	19350.000	<u>M</u> 7981.000
%RSD		0.324	0.123	<u>M</u> 0.424
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 3539.000	<u>M</u> 204200.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.203	<u>M</u> 0.197
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.773%	67.166%	<u>M</u> 278.100
%RSD		0.436	0.452	<u>M</u> 3.978
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		39.150	23.130	-18.010
%RSD		1.116	0.454	12.040
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		160.400	<u>T</u> 8528.000	4.528
%RSD		0.322	<u>T</u> 0.414	3.334
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		23.180	21.050	<u>M</u> 871.000
%RSD		0.478	1.804	<u>M</u> 0.369
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.290%	10.510	-0.087
%RSD		0.474	0.730	255.900
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		35.590	12.170	0.000
%RSD		2.054	1.402	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.046	-8.154	0.608
%RSD		8.077	72.630	7.767
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		73.123%	1.097	1.255
%RSD		0.028	8.565	5.776
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		110.100	0.000	81.940%
%RSD		0.614	0.000	0.703
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.140	0.939	17.140
%RSD		3.312	0.970	0.318
Run	Time	209Bi		
		ppb		
X		78.704%		
%RSD		0.501		

mb 240-65591/1-a, 11/20/2012 16:14:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.757%	0.012	18.090
%RSD		0.152	48.660	1.507
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		43.230	40.640	8.312
%RSD		3.787	18.640	19.160
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	39.790	206.000
%RSD		±0.000	1.000	7.542
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.402%	67.291%	1.342
%RSD		0.571	0.353	54.040
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.216	0.140	-20.990
%RSD		37.790	14.620	1.183
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.267	36.120	0.022
%RSD		1.543	2.184	12.260
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.121	0.496	7.965
%RSD		33.730	17.770	3.601
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.304%	-0.263	0.398
%RSD		0.599	8.377	2.994
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.116	0.145	0.000
%RSD		20.290	33.120	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	-0.112	0.008
%RSD		54.390	1428.000	127.100
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		74.796%	26.400	0.120
%RSD		0.941	1.684	13.490
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		1.015	0.000	82.082%
%RSD		5.386	0.000	0.905
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.255	0.255	1.167
%RSD		3.331	6.409	1.075
Run	Time	209Bi		
		ppb		
X		82.979%		
%RSD		0.106		

Ics 240-65591/3-a, 11/20/2012 16:19:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.431%	<u>M</u> 934.600	99.430
%RSD		0.371	<u>M</u> 0.807	1.274
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9575.000	9697.000	<u>M</u> 9389.000
%RSD		1.158	2.285	<u>M</u> 1.009
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 9503.000	9115.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.547	1.640
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.830%	65.994%	94.900
%RSD		0.342	1.312	6.183
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 901.600	<u>M</u> 938.100	111.800
%RSD		<u>M</u> 0.853	<u>M</u> 0.337	3.810
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> 973.300	<u>T</u> 9667.000	<u>M</u> 926.200
%RSD		<u>T</u> 0.485	<u>T</u> 0.402	<u>M</u> 0.489
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 929.600	<u>M</u> 939.500	<u>M</u> 895.500
%RSD		<u>M</u> 0.034	<u>M</u> 0.503	<u>M</u> 0.345
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.927%	<u>M</u> 838.000	-5.934
%RSD		0.468	<u>M</u> 0.672	12.840
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		<u>M</u> 797.100	92.750	0.000
%RSD		<u>M</u> 0.761	0.747	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		99.050	476.900	<u>M</u> 917.800
%RSD		1.126	33.720	<u>M</u> 0.893
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		73.680%	110.600	87.490
%RSD		0.165	1.135	0.434
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 930.500	0.000	81.403%
%RSD		<u>M</u> 1.040	0.000	1.441
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		92.790	<u>TM</u> 227.800	<u>TM</u> 921.400
%RSD		0.579	<u>TM</u> 0.313	<u>TM</u> 0.063
Run	Time	209Bi		
		ppb		
X		79.809%		
%RSD		0.487		

240-17770 -b-3-a, 11/20/2012 16:26:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.838%	5.603	46.040
%RSD		0.510	0.870	2.508
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		229.800	22140.000	TM 74000.000
%RSD		1.187	1.024	TM 0.560
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		^U 0.000	^U 12310.000	30970.000
%RSD		^U 0.000	^U 0.239	0.470
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.323%	95.259%	^M 492.900
%RSD		0.507	1.297	^M 0.911
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		133.500	109.700	-7.008
%RSD		0.565	0.401	23.160
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 8712.000	TM 160300.000	89.960
%RSD		TM 0.141	TM 0.412	0.259
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		145.100	194.000	^M 467.800
%RSD		0.663	0.980	^M 0.298
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.390%	42.130	0.948
%RSD		1.878	1.232	1.966
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.469	6.758	0.000
%RSD		8.044	1.778	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.445	-68.540	1.896
%RSD		2.900	11.030	8.177
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		96.649%	14.080	18.290
%RSD		1.684	0.334	0.437
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		^M 743.300	0.000	111.882%
%RSD		^M 0.171	0.000	1.559
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.147	1.744	TM 4474.000
%RSD		8.207	2.805	TM 0.818
Run	Time	209Bi		
		ppb		
X		104.799%		
%RSD		1.338		

SD 240-17770 -b-3-a@5, 11/20/2012 16:31:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.581%	1.350	14.110
%RSD		0.524	5.056	4.159
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		48.510	4804.000	<u>M</u> 16010.000
%RSD		2.844	1.660	<u>M</u> 0.508
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 2655.000	6633.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.748	0.694
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.823%	89.185%	107.400
%RSD		0.395	0.725	4.146
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		28.130	23.180	-19.630
%RSD		0.464	0.983	5.275
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1867.000	<u>T</u> 34080.000	19.260
%RSD		<u>TM</u> 0.219	<u>T</u> 0.585	0.764
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		31.670	43.610	112.600
%RSD		1.352	0.652	0.955
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.014%	9.359	0.099
%RSD		0.567	1.311	24.070
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		1.350	1.213	0.000
%RSD		16.100	2.276	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.105	-9.293	0.486
%RSD		12.710	104.200	5.631
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		93.756%	3.059	4.290
%RSD		0.354	1.120	1.632
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		158.700	0.000	100.048%
%RSD		0.552	0.000	0.232
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.323	0.509	<u>TM</u> 993.600
%RSD		1.169	3.440	<u>TM</u> 0.095
Run	Time	209Bi		
		ppb		
X		99.740%		
%RSD		0.224		

240-17770 -b-3-d ms, 11/20/2012 16:36:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.714%	M 841.500	114.900
%RSD		0.804	M 0.896	2.698
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8504.000	29270.000	TM 83410.000
%RSD		0.890	1.025	TM 0.732
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 20950.000	36500.000
%RSD		T 0.000	T 0.222	0.530
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.741%	95.386%	M 468.900
%RSD		0.899	1.221	M 0.806
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 931.000	M 934.200	109.600
%RSD		M 0.171	M 0.069	8.028
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 8477.000	TM 154000.000	M 901.400
%RSD		TM 0.552	TM 0.534	M 0.320
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 951.900	M 990.700	M 1191.000
%RSD		M 0.196	M 0.634	M 0.367
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.719%	M 793.600	-4.548
%RSD		1.677	M 1.199	2.533
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M 701.900	88.960	0.000
%RSD		M 0.895	0.869	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		87.640	426.400	M 811.100
%RSD		0.629	11.400	M 0.689
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		97.171%	90.080	39.680
%RSD		0.935	0.822	0.680
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M 1507.000	0.000	111.292%
%RSD		M 0.349	0.000	1.332
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		55.370	T 187.700	TM 4672.000
%RSD		0.474	T 0.315	TM 0.689
Run	Time	209Bi		
		ppb		
X		105.569%		
%RSD		0.778		

240-17770 -b-3-e msd, 11/20/2012 16:43:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.713%	M 913.700	124.900
%RSD		0.877	M 0.911	1.452
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9047.000	31990.000	TM 94950.000
%RSD		0.710	1.123	TM 0.638
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 23890.000	38010.000
%RSD		T 0.000	T 0.445	0.330
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.530%	100.796%	M 496.200
%RSD		0.483	0.933	M 0.350
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 984.600	M 992.800	127.400
%RSD		M 0.192	M 0.234	0.066
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 9177.000	TM 164600.000	M 953.400
%RSD		TM 0.082	TM 0.207	M 0.520
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1009.000	M 1057.000	M 1314.000
%RSD		M 0.200	M 0.391	M 0.730
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		97.857%	M 858.900	-4.918
%RSD		2.265	M 0.537	17.360
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M 780.000	91.770	0.000
%RSD		M 1.304	0.550	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		91.540	417.500	M 865.200
%RSD		0.168	27.440	M 0.177
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		101.769%	95.460	42.210
%RSD		1.198	0.917	0.884
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M 1609.000	0.000	114.270%
%RSD		M 0.297	0.000	0.854
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		54.940	T 197.400	TM 5072.000
%RSD		0.429	T 0.164	TM 0.623
Run	Time	209Bi		
		ppb		
X		108.635%		
%RSD		0.830		

PDS 240-17770 -b-3-a, 11/20/2012 16:51:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.004%	<u>M</u> 1002.000	137.900
%RSD		0.169	<u>M</u> 0.032	0.940
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10070.000	31880.000	<u>TM</u> 82680.000
%RSD		1.244	0.980	<u>TM</u> 1.095
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 22450.000	39910.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.201	0.078
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		97.085%	105.457%	<u>M</u> 594.000
%RSD		0.098	1.661	<u>M</u> 1.848
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 1103.000	<u>M</u> 1092.000	148.400
%RSD		<u>M</u> 0.362	<u>M</u> 0.516	2.251
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9458.000	<u>TM</u> 168700.000	<u>M</u> 1054.000
%RSD		<u>TM</u> 0.185	<u>TM</u> 0.498	<u>M</u> 0.829
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 1108.000	<u>M</u> 1145.000	<u>M</u> 1339.000
%RSD		<u>M</u> 0.565	<u>M</u> 0.522	<u>M</u> 0.443
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		101.384%	<u>M</u> 935.300	-5.041
%RSD		1.317	<u>M</u> 0.689	11.230
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		<u>M</u> 835.500	109.700	0.000
%RSD		<u>M</u> 0.550	0.786	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.200	452.400	<u>M</u> 942.200
%RSD		0.554	9.755	<u>M</u> 0.176
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		105.185%	113.700	111.000
%RSD		1.058	0.763	0.830
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 1699.000	0.000	118.631%
%RSD		<u>M</u> 0.553	0.000	1.173
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		95.370	<u>TM</u> 225.400	<u>TM</u> 5259.000
%RSD		0.259	<u>TM</u> 0.222	<u>TM</u> 0.563
Run	Time	209Bi		
		ppb		
X		109.654%		
%RSD		0.631		

240-17770 -b-4-a, 11/20/2012 16:58:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.526%	6.200	38.000
%RSD		0.652	1.605	0.787
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		251.100	24140.000	<u>TM 82820.000</u>
%RSD		2.421	0.254	<u>TM 0.797</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>10.000</u>	<u>12390.000</u>	26810.000
%RSD		<u>10.000</u>	<u>10.137</u>	0.080
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		104.878%	111.887%	<u>M 393.600</u>
%RSD		0.474	1.523	<u>M 0.199</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		141.300	113.200	-11.890
%RSD		0.394	0.507	17.120
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7639.000</u>	<u>TM 172000.000</u>	94.000
%RSD		<u>TM 0.151</u>	<u>TM 0.840</u>	0.640
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		149.500	159.900	<u>M 438.300</u>
%RSD		0.995	0.598	<u>M 0.187</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		109.534%	37.560	1.071
%RSD		0.676	1.130	21.310
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.605	6.012	0.000
%RSD		7.228	0.587	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.348	-56.090	1.625
%RSD		3.925	11.700	1.789
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		111.344%	11.530	16.820
%RSD		0.991	1.283	1.032
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 651.800</u>	0.000	124.365%
%RSD		<u>M 0.780</u>	0.000	1.669
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.733	1.624	<u>TM 3584.000</u>
%RSD		5.449	1.427	<u>TM 0.610</u>
Run	Time	209Bi		
		ppb		
X		113.910%		
%RSD		0.627		

CCV 6 11/20/2012 17:03:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.879%	104.671%	102.176%
%RSD		1.189	0.676	0.995
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		199.904%	100.911%	102.409%
%RSD		0.401	0.634	1.254
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.245%	99.889%
%RSD		0.000	0.150	0.708
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.655%	78.894%	98.022%
%RSD		0.596	0.968	2.346
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.912%	99.098%	-12.190
%RSD		1.102	0.306	26.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.582%	101.984%	98.612%
%RSD		0.547	0.369	0.536
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.274%	99.782%	103.450%
%RSD		1.710	1.370	0.781
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.355%	99.024%	-0.856
%RSD		0.391	0.760	24.390
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		103.498%	103.435%	0.000
%RSD		1.314	0.524	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.071%	53.350	102.889%
%RSD		0.284	81.940	0.470
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		83.671%	101.269%	102.061%
%RSD		1.029	0.189	0.399
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		99.432%	0.000	90.582%
%RSD		0.499	0.000	0.915
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.930%	101.138%	101.454%
%RSD		0.622	0.449	0.605
Run	Time	209Bi		
		ppb		
X		86.022%		
%RSD		0.219		

CCB 6 11/20/2012 17:10:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.063%	0.057	2.984
%RSD		0.570	17.080	7.180
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12.240	13.590	4.057
%RSD		0.696	30.910	21.010
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	13.270	17.400
%RSD		±0.000	1.199	32.250
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.796%	70.127%	0.287
%RSD		0.281	0.643	41.470
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.158	-0.281	-26.010
%RSD		39.340	6.045	1.817
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.358	22.020	0.050
%RSD		12.550	5.317	12.780
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.049	0.113	0.766
%RSD		58.410	15.370	8.577
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.636%	-0.282	-0.025
%RSD		0.596	19.700	340.500
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.058	0.218	0.000
%RSD		103.600	56.440	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.037	-1.220	0.039
%RSD		17.020	105.100	12.230
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		77.445%	0.169	0.290
%RSD		0.323	23.250	7.986
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.079	0.000	82.666%
%RSD		12.120	0.000	0.227
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.673	0.419	0.240
%RSD		7.665	6.757	9.016
Run	Time	209Bi		
		ppb		
X		86.858%		
%RSD		0.108		

240-17770 -b-5-a, 11/20/2012 17:15:23 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.375%	8.268	58.290
%RSD		1.123	2.136	1.494
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		431.500	45310.000	<u>TM</u> 130100.000
%RSD		1.000	0.400	<u>TM</u> 0.455
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 18060.000	45190.000
%RSD		<u>T</u> 0.000	<u>T</u> 1.014	0.532
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.208%	108.167%	<u>M</u> 543.800
%RSD		0.891	2.950	<u>M</u> 0.737
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 216.700	180.400	6.567
%RSD		<u>M</u> 0.411	0.101	16.420
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8005.000	<u>TM</u> 286500.000	132.800
%RSD		<u>TM</u> 0.444	<u>TM</u> 0.648	0.603
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 247.700	169.400	<u>M</u> 536.300
%RSD		<u>M</u> 0.829	0.530	<u>M</u> 0.267
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		100.323%	36.680	1.256
%RSD		2.310	0.187	1.898
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.308	6.168	0.000
%RSD		2.721	2.596	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.288	-112.800	0.724
%RSD		5.461	12.760	5.557
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		103.534%	12.480	3.171
%RSD		1.498	0.802	1.701
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 688.400	0.000	128.228%
%RSD		<u>M</u> 0.200	0.000	2.149
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.565	1.542	<u>TM</u> 565.800
%RSD		5.033	1.413	<u>TM</u> 0.887
Run	Time	209Bi		
		ppb		
X		101.693%		
%RSD		1.233		

240-17770 -b-6-a, 11/20/2012 17:20:21 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.902%	10.860	87.980
%RSD		0.240	1.176	1.257
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		697.300	58480.000	<u>TM 165600.000</u>
%RSD		0.509	0.765	<u>TM 0.575</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 24530.000</u>	75770.000
%RSD		<u>T 0.000</u>	<u>T 0.426</u>	0.216
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		103.901%	114.312%	<u>M 406.900</u>
%RSD		0.456	1.137	<u>M 2.651</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 268.300</u>	<u>M 231.200</u>	4.815
%RSD		<u>M 0.467</u>	<u>M 0.122</u>	54.420
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8716.000</u>	<u>TM 354300.000</u>	151.800
%RSD		<u>TM 0.170</u>	<u>TM 0.435</u>	0.134
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 304.200</u>	195.400	<u>M 660.400</u>
%RSD		<u>M 0.309</u>	0.444	<u>M 0.774</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		106.227%	45.180	1.472
%RSD		0.855	0.859	7.512
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		6.348	6.130	0.000
%RSD		4.544	1.990	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.329	-155.800	0.938
%RSD		0.876	13.960	7.244
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		106.417%	13.300	3.685
%RSD		1.425	0.205	1.410
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 819.600</u>	0.000	138.210%
%RSD		<u>M 0.176</u>	0.000	1.112
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.500	1.608	<u>TM 630.300</u>
%RSD		4.080	0.620	<u>TM 0.373</u>
Run	Time	209Bi		
		ppb		
X		106.645%		
%RSD		1.175		

240-17770 -b-7-a, 11/20/2012 17:25:23 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		95.278%	5.875	36.700
%RSD		1.040	2.503	1.183
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		260.400	26810.000	<u>TM 88830.000</u>
%RSD		1.079	0.684	<u>TM 0.428</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>10.000</u>	<u>13330.000</u>	26150.000
%RSD		<u>10.000</u>	<u>10.242</u>	0.342
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		111.655%	117.482%	<u>M 416.000</u>
%RSD		0.391	0.744	<u>M 1.220</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		150.000	119.600	-9.570
%RSD		0.446	0.690	8.943
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7880.000</u>	<u>TM 186000.000</u>	98.000
%RSD		<u>TM 0.145</u>	<u>TM 0.585</u>	0.250
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		153.000	145.100	<u>M 412.600</u>
%RSD		0.895	0.771	<u>M 0.781</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		112.953%	33.010	1.210
%RSD		1.094	1.146	10.240
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		4.533	5.159	0.000
%RSD		6.464	0.718	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.316	-75.810	0.908
%RSD		3.893	15.530	7.830
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		113.089%	11.430	9.031
%RSD		1.255	1.825	0.191
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 614.400</u>	0.000	128.737%
%RSD		<u>M 0.683</u>	0.000	0.944
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.358	1.259	<u>TM 1799.000</u>
%RSD		3.626	2.319	<u>TM 0.807</u>
Run	Time	209Bi		
		ppb		
X		111.512%		
%RSD		0.758		

240-17770 -f-8-a, 11/20/2012 17:30:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		98.198%	11.080	20.700
%RSD		0.393	1.024	2.876
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		425.900	25380.000	<u>TM</u> 169100.000
%RSD		0.390	0.735	<u>TM</u> 0.195
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 9676.000	30050.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.729	0.503
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 116.558%	123.321%	<u>M</u> 743.000
%RSD		<u>T</u> 0.295	0.967	<u>M</u> 0.195
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 362.400	198.700	9.742
%RSD		<u>M</u> 0.509	0.584	28.070
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1934.000	<u>TM</u> 244900.000	86.510
%RSD		<u>TM</u> 0.145	<u>TM</u> 0.294	0.157
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		163.100	171.400	<u>M</u> 426.800
%RSD		0.446	0.599	<u>M</u> 0.300
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		113.760%	154.000	1.499
%RSD		0.768	0.392	10.660
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.745	13.600	0.000
%RSD		1.005	1.148	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.440	-120.100	0.568
%RSD		2.684	5.711	3.802
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		112.722%	13.990	2.498
%RSD		0.754	0.870	1.192
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 1176.000	0.000	134.597%
%RSD		<u>M</u> 0.471	0.000	1.342
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.799	2.893	<u>T</u> 173.600
%RSD		1.354	0.802	<u>T</u> 0.431
Run	Time	209Bi		
		ppb		
X		108.785%		
%RSD		1.008		

240-17770 -f-9-a, 11/20/2012 17:35:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.670%	4.574	69.010
%RSD		0.595	0.570	1.003
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1059.000	<u>M 103500.000</u>	<u>TM 75600.000</u>
%RSD		0.530	<u>M 0.369</u>	<u>TM 0.314</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 12690.000</u>	<u>TM 692600.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.314</u>	<u>TM 0.097</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.799%	81.765%	<u>M 605.100</u>
%RSD		0.127	0.899	<u>M 0.588</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		169.700	120.900	-12.130
%RSD		0.320	0.768	17.210
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8847.000</u>	<u>TM 241100.000</u>	80.220
%RSD		<u>TM 0.249</u>	<u>TM 0.401</u>	0.866
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 198.900</u>	176.300	<u>M 491.900</u>
%RSD		<u>M 0.933</u>	0.086	<u>M 1.144</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.933%	78.890	1.397
%RSD		1.068	0.698	8.578
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		3.339	25.750	0.000
%RSD		7.766	0.581	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.232	-126.400	1.916
%RSD		5.942	6.297	4.512
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		84.037%	12.020	1.481
%RSD		1.150	1.229	3.975
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 645.300</u>	0.000	104.021%
%RSD		<u>M 0.322</u>	0.000	0.885
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.350	2.587	119.600
%RSD		2.409	0.731	0.361
Run	Time	209Bi		
		ppb		
X		82.383%		
%RSD		0.685		

240-17770 -b-10 -a, 11/20/2012 17:40:13 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.226%	7.723	53.330
%RSD		0.849	3.024	3.232
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		296.800	26910.000	<u>TM 95280.000</u>
%RSD		0.249	0.162	<u>TM 0.299</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 16730.000</u>	43070.000
%RSD		<u>T 0.000</u>	<u>T 0.244</u>	0.426
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		98.770%	110.094%	<u>M 416.000</u>
%RSD		0.508	1.647	<u>M 0.909</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		176.100	143.100	-9.794
%RSD		0.250	0.033	11.500
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 12050.000</u>	<u>TM 223700.000</u>	110.100
%RSD		<u>TM 0.220</u>	<u>TM 0.189</u>	0.280
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		174.500	<u>M 357.000</u>	<u>M 995.100</u>
%RSD		0.554	<u>M 0.474</u>	<u>M 0.260</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		108.352%	86.450	1.084
%RSD		1.615	1.044	7.669
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		7.935	21.540	0.000
%RSD		3.375	0.828	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.599	-124.100	2.923
%RSD		2.434	6.128	1.808
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		109.941%	26.400	18.180
%RSD		2.065	0.418	0.923
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 1031.000</u>	0.000	129.627%
%RSD		<u>M 0.279</u>	0.000	1.250
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.656	1.784	<u>TM 5644.000</u>
%RSD		0.792	1.394	<u>TM 0.190</u>
Run	Time	209Bi		
		ppb		
X		123.315%		
%RSD		0.737		

240-17770 -b-11 -a, 11/20/2012 17:45:09 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.462%	6.225	43.630
%RSD		0.696	1.782	1.545
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		286.700	22020.000	<u>TM 83370.000</u>
%RSD		0.847	1.185	<u>TM 0.422</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 14080.000</u>	29080.000
%RSD		<u>TM 0.000</u>	<u>TM 0.237</u>	0.419
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		107.105%	114.004%	<u>M 393.300</u>
%RSD		0.595	1.057	<u>M 1.461</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		146.300	111.900	-12.890
%RSD		0.875	0.268	27.540
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 9628.000</u>	<u>TM 177900.000</u>	89.810
%RSD		<u>TM 0.152</u>	<u>TM 0.472</u>	0.699
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		140.800	166.700	<u>M 531.300</u>
%RSD		0.809	1.064	<u>M 0.288</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		111.184%	42.930	1.172
%RSD		1.906	0.214	8.394
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.972	6.388	0.000
%RSD		7.392	3.156	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.336	-65.410	1.711
%RSD		1.650	19.990	5.874
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		112.350%	15.560	14.780
%RSD		0.687	0.879	0.995
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 771.900</u>	0.000	130.354%
%RSD		<u>M 0.057</u>	0.000	1.451
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.435	1.438	<u>TM 3051.000</u>
%RSD		1.772	0.540	<u>TM 0.304</u>
Run	Time	209Bi		
		ppb		
X		115.632%		
%RSD		0.619		

240-17770 -b-12 -a, 11/20/2012 17:50:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.121%	8.568	61.490
%RSD		0.847	0.532	0.640
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		406.800	35780.000	<u>TM</u> 126100.000
%RSD		0.474	0.406	<u>TM</u> 0.151
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 20380.000	47290.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.591	0.349
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		105.938%	115.891%	<u>M</u> 444.400
%RSD		0.287	0.789	<u>M</u> 1.720
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 212.300	164.900	-2.099
%RSD		<u>M</u> 0.412	0.553	49.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 12680.000	<u>TM</u> 275200.000	121.300
%RSD		<u>TM</u> 0.282	<u>TM</u> 0.146	0.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 215.300	134.200	<u>M</u> 517.700
%RSD		<u>M</u> 0.457	0.074	<u>M</u> 0.646
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		108.439%	41.090	1.460
%RSD		1.168	1.042	18.060
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.778	7.938	0.000
%RSD		4.486	2.469	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.349	-108.600	1.288
%RSD		3.199	4.131	7.543
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		109.511%	13.340	4.982
%RSD		0.809	1.330	2.627
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 845.200	0.000	135.831%
%RSD		<u>M</u> 0.221	0.000	1.008
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.398	1.615	<u>TM</u> 357.800
%RSD		3.710	1.798	<u>TM</u> 1.695
Run	Time	209Bi		
		ppb		
X		104.131%		
%RSD		0.562		

240-17770 -b-13 -a, 11/20/2012 17:55:05 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.338%	8.963	82.110
%RSD		0.953	1.353	0.742
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		532.100	48550.000	<u>TM</u> 142300.000
%RSD		0.406	0.168	<u>TM</u> 0.472
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 22790.000	56390.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.628	0.084
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		111.144%	123.056%	<u>M</u> 543.200
%RSD		0.071	1.265	<u>M</u> 1.623
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 237.900	188.700	5.536
%RSD		<u>M</u> 0.674	0.692	33.160
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 10470.000	<u>TM</u> 313400.000	136.500
%RSD		<u>TM</u> 0.273	<u>TM</u> 0.778	0.851
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 257.100	143.100	<u>M</u> 542.600
%RSD		<u>M</u> 0.483	0.912	<u>M</u> 0.414
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		112.439%	39.910	1.469
%RSD		1.226	1.522	6.026
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		5.428	7.348	0.000
%RSD		3.238	1.601	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.261	-118.400	0.876
%RSD		2.564	13.360	6.012
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		112.038%	13.310	1.992
%RSD		0.612	0.552	3.096
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 723.800	0.000	139.663%
%RSD		<u>M</u> 0.768	0.000	1.233
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.293	1.568	126.600
%RSD		1.755	0.642	0.512
Run	Time	209Bi		
		ppb		
X		107.247%		
%RSD		0.459		

CCV 7 11/20/2012 18:00:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.768%	105.315%	101.164%
%RSD		0.891	1.239	1.273
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.448%	102.633%	106.072%
%RSD		0.451	0.321	1.553
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	103.787%	99.687%
%RSD		0.000	0.131	0.337
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.728%	84.066%	100.582%
%RSD		0.049	0.497	1.077
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.272%	99.821%	-13.020
%RSD		2.048	1.022	29.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.932%	103.071%	99.209%
%RSD		0.209	0.826	0.713
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.411%	99.840%	104.135%
%RSD		1.210	0.982	1.179
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.173%	100.072%	-0.921
%RSD		0.698	0.424	35.140
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		103.213%	104.562%	0.000
%RSD		1.502	1.208	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		103.609%	38.420	103.949%
%RSD		0.348	93.930	0.552
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		87.413%	102.400%	102.309%
%RSD		0.026	0.118	0.220
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		102.059%	0.000	93.998%
%RSD		0.435	0.000	0.413
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.117%	101.388%	102.976%
%RSD		0.888	0.420	0.075
Run	Time	209Bi		
		ppb		
X		88.328%		
%RSD		0.528		

CCB 7 11/20/2012 18:06:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.955%	0.081	2.211
%RSD		0.488	15.780	10.140
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		14.560	22.590	5.840
%RSD		6.382	10.390	10.440
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	19.270	34.050
%RSD		±0.000	3.015	3.010
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.504%	75.875%	0.354
%RSD		0.620	0.481	35.360
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.186	-0.266	-25.260
%RSD		142.700	7.032	2.900
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.690	27.550	0.066
%RSD		5.487	5.789	13.790
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.118	0.185	0.653
%RSD		23.250	8.534	8.477
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.903%	-0.225	-0.009
%RSD		0.721	66.940	671.500
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.054	0.326	0.000
%RSD		61.080	29.490	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.040	-1.203	0.075
%RSD		15.550	191.500	25.160
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		82.550%	0.160	0.200
%RSD		0.465	23.140	16.490
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.142	0.000	87.618%
%RSD		7.379	0.000	0.793
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.658	0.312	0.269
%RSD		12.250	8.834	2.096
Run	Time	209Bi		
		ppb		
X		90.697%		
%RSD		0.173		

ICSA-680933 11/20/2012 18:11:55 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.143%	0.029	2.231
%RSD		0.600	7.605	15.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>50340.000</u>	51420.000	<u>M 49140.000</u>
%RSD		<u>0.307</u>	0.489	<u>M 0.504</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>51350.000</u>	50790.000
%RSD		<u>0.000</u>	<u>0.123</u>	0.070
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.190%	73.551%	<u>M 1032.000</u>
%RSD		0.562	1.152	<u>M 1.321</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.028	0.322	-23.010
%RSD		546.300	6.827	3.584
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.152	<u>TM 50680.000</u>	0.090
%RSD		3.556	<u>TM 0.377</u>	9.679
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.468	0.422	3.204
%RSD		14.430	13.840	4.458
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.005%	0.177	0.404
%RSD		1.348	31.160	16.760
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.032	<u>M 978.900</u>	0.000
%RSD		162.600	<u>M 1.092</u>	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.041	110.300	0.081
%RSD		5.665	9.384	145.200
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		78.878%	0.279	0.235
%RSD		0.981	3.892	11.630
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.133	0.000	84.169%
%RSD		41.570	0.000	1.220
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.275	0.173	0.251
%RSD		5.233	1.156	2.216
Run	Time	209Bi		
		ppb		
X		81.675%		
%RSD		0.856		

ICSAB-723527 11/20/2012 18:16:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.687%	106.608%	103.958%
%RSD		0.244	0.392	1.187
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>100.814%</u>	103.595%	<u>M 98.840%</u>
%RSD		<u>0.388</u>	0.333	<u>M 0.532</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>103.389%</u>	102.060%
%RSD		<u>0.000</u>	<u>0.091</u>	0.402
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.570%	74.787%	<u>M 103.699%</u>
%RSD		0.976	0.631	<u>M 0.933</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.574%	100.556%	-10.630
%RSD		1.660	0.385	24.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		105.533%	<u>TM 102.665%</u>	97.538%
%RSD		0.369	<u>TM 0.542</u>	0.772
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		97.362%	97.062%	105.305%
%RSD		0.593	1.422	0.715
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.631%	97.927%	-0.307
%RSD		1.475	0.985	46.280
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.299%	<u>M 1104.000</u>	0.000
%RSD		2.394	<u>M 0.635</u>	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.242%	137.200	103.840%
%RSD		0.278	26.390	0.394
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		79.923%	104.365%	103.338%
%RSD		0.511	0.145	0.271
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		104.082%	0.000	85.183%
%RSD		0.493	0.000	0.646
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.785%	102.658%	103.483%
%RSD		0.943	0.104	0.558
Run	Time	209Bi		
		ppb		
X		82.395%		
%RSD		0.228		

CCV 8 11/20/2012 18:24:09 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.557%	106.009%	101.615%
%RSD		0.179	0.598	1.217
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.279%	100.957%	104.650%
%RSD		0.879	0.491	0.579
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.668%	100.332%
%RSD		0.000	0.797	0.643
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.089%	77.738%	103.098%
%RSD		0.348	1.509	0.653
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.381%	98.986%	-11.980
%RSD		0.251	0.382	9.800
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.817%	101.065%	98.764%
%RSD		0.287	0.692	0.254
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.896%	98.896%	103.315%
%RSD		1.037	1.243	1.223
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.958%	98.609%	-1.049
%RSD		0.948	1.544	34.230
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.927%	117.018%	0.000
%RSD		1.821	0.776	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.478%	37.430	104.044%
%RSD		0.523	100.700	0.138
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		81.455%	101.522%	101.704%
%RSD		0.640	0.696	0.764
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		100.980%	0.000	87.510%
%RSD		0.927	0.000	1.202
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.636%	101.421%	101.637%
%RSD		0.872	0.575	0.725
Run	Time	209Bi		
		ppb		
X		83.512%		
%RSD		0.409		

CCB 8 11/20/2012 18:31:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.855%	0.083	2.432
%RSD		0.589	19.360	13.740
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		18.250	18.510	8.782
%RSD		8.365	4.665	6.733
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	21.650	26.850
%RSD		±0.000	2.741	8.185
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.882%	72.725%	0.545
%RSD		0.539	0.276	21.010
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.142	-0.235	-23.550
%RSD		197.800	9.623	4.327
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.954	30.200	0.086
%RSD		3.257	6.298	13.290
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.085	0.179	0.819
%RSD		15.260	22.770	10.630
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.750%	-0.221	-0.055
%RSD		0.749	24.280	122.000
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.125	2.340	0.000
%RSD		40.380	11.810	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.041	-0.685	0.067
%RSD		5.001	166.100	59.760
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		79.270%	0.174	0.231
%RSD		0.486	12.860	0.774
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.125	0.000	83.115%
%RSD		10.900	0.000	0.214
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.834	0.425	0.254
%RSD		11.470	5.495	1.249
Run	Time	209Bi		
		ppb		
X		87.265%		
%RSD		0.575		

240-17628 -g-6-a, 11/20/2012 18:36:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.968%	0.015	5.232
%RSD		0.266	16.530	6.030
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		109.300	105.300	6.852
%RSD		1.044	11.440	9.339
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	60.630	255.400
%RSD		±0.000	1.708	3.898
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.993%	70.300%	0.387
%RSD		0.389	0.353	59.050
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.098	-0.175	-22.350
%RSD		486.000	18.770	6.745
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.191	25.760	0.041
%RSD		2.424	2.466	26.250
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.397	1.200	2.868
%RSD		22.060	11.510	7.231
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.128%	-0.235	0.515
%RSD		0.205	37.070	6.039
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		-0.022	0.849	0.000
%RSD		259.000	14.420	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.005	-2.161	0.007
%RSD		54.660	28.130	155.300
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		77.415%	12.460	0.145
%RSD		0.591	1.173	11.070
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.619	0.000	82.221%
%RSD		4.413	0.000	0.472
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.351	0.241	0.105
%RSD		4.507	4.519	0.847
Run	Time	209Bi		
		ppb		
X		85.412%		
%RSD		0.792		

SD 240-17628 -g-6-a@5, 11/20/2012 18:41:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.164%	0.017	2.585
%RSD		0.711	28.470	12.320
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		25.480	27.720	2.792
%RSD		7.551	18.150	17.640
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	12.830	62.580
%RSD		±0.000	2.959	3.303
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.497%	68.773%	0.137
%RSD		0.230	0.433	87.490
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.075	-0.277	-21.120
%RSD		258.800	10.130	3.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.238	5.382	0.013
%RSD		8.569	11.510	30.070
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.063	0.297	1.195
%RSD		62.620	27.580	6.774
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.182%	-0.192	0.065
%RSD		0.655	29.860	117.000
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.010	0.317	0.000
%RSD		726.900	18.330	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.007	-0.968	0.019
%RSD		22.450	75.000	44.840
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		75.661%	2.662	0.093
%RSD		0.272	1.218	17.140
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.179	0.000	80.905%
%RSD		20.240	0.000	0.575
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.198	0.168	0.062
%RSD		10.780	5.830	7.001
Run	Time	209Bi		
		ppb		
X		84.609%		
%RSD		0.066		

240-17628 -g-6-d ms, 11/20/2012 18:46:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.774%	M 1044.000	104.100
%RSD		0.754	M 0.425	2.280
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 48840.000	9983.000	M 9643.000
%RSD		T 0.630	0.871	M 0.499
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9712.000	9435.000
%RSD		T 0.000	T 0.416	0.323
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.271%	68.408%	97.890
%RSD		0.399	0.578	1.864
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 936.900	M 957.400	120.000
%RSD		M 0.947	M 0.840	2.852
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 996.400	T 9735.000	M 942.000
%RSD		T 0.201	T 1.128	M 0.778
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 952.200	M 968.500	M 1021.000
%RSD		M 0.736	M 0.802	M 0.303
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.601%	M 954.200	-7.195
%RSD		0.442	M 0.938	10.950
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M 983.400	97.070	0.000
%RSD		M 0.203	0.962	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		101.900	552.000	M 1008.000
%RSD		0.776	19.050	M 0.856
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		74.446%	98.020	98.210
%RSD		0.602	1.198	1.608
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M 966.100	0.000	80.793%
%RSD		M 0.771	0.000	1.404
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		97.740	TM 232.100	TM 934.900
%RSD		0.496	TM 0.337	TM 0.337
Run	Time	209Bi		
		ppb		
X		80.259%		
%RSD		0.498		

240-17628 -g-6-e msd, 11/20/2012 18:53:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.912%	<u>M 1050.000</u>	103.400
%RSD		0.371	<u>M 0.544</u>	1.414
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>T 48530.000</u>	9801.000	<u>M 9594.000</u>
%RSD		<u>T 0.475</u>	0.117	<u>M 0.402</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 9559.000</u>	9322.000
%RSD		<u>T 0.000</u>	<u>T 0.513</u>	1.291
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.128%	67.954%	95.700
%RSD		0.477	1.410	1.032
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 933.000</u>	<u>M 952.600</u>	117.300
%RSD		<u>M 0.536</u>	<u>M 1.007</u>	16.850
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T 986.000</u>	<u>T 9630.000</u>	<u>M 934.800</u>
%RSD		<u>T 0.160</u>	<u>T 1.327</u>	<u>M 1.230</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 943.600</u>	<u>M 959.200</u>	<u>M 1014.000</u>
%RSD		<u>M 0.963</u>	<u>M 0.633</u>	<u>M 0.931</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.096%	<u>M 940.400</u>	-6.998
%RSD		1.315	<u>M 0.863</u>	10.640
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		<u>M 980.300</u>	95.720	0.000
%RSD		<u>M 0.701</u>	1.473	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		100.300	595.600	<u>M 991.500</u>
%RSD		0.298	6.813	<u>M 0.651</u>
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		74.596%	96.890	96.540
%RSD		1.338	0.927	1.228
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 953.000</u>	0.000	80.311%
%RSD		<u>M 0.552</u>	0.000	1.123
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		97.040	<u>TM 230.500</u>	<u>TM 917.900</u>
%RSD		0.405	<u>TM 0.125</u>	<u>TM 0.484</u>
Run	Time	209Bi		
		ppb		
X		80.179%		
%RSD		0.301		

240-17628 -g-7-a, 11/20/2012 19:00:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.362%	0.051	<u>M 1523.000</u>
%RSD		0.262	38.580	<u>M 0.336</u>
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>T 67160.000</u>	85020.000	6.066
%RSD		<u>T 0.804</u>	0.928	2.258
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 44320.000</u>	<u>M 156900.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.480</u>	<u>M 0.440</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.311%	73.733%	1.344
%RSD		0.437	0.404	24.850
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.057	0.406	-19.500
%RSD		34.210	1.914	3.815
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		315.000	<u>T 6074.000</u>	0.828
%RSD		0.292	<u>T 1.154</u>	1.298
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.230	0.345	2.257
%RSD		2.110	14.990	9.921
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.206%	0.878	0.291
%RSD		1.056	18.080	8.427
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.405	0.616	0.000
%RSD		18.730	4.575	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	-3.537	0.003
%RSD		144.700	32.150	308.500
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		77.617%	0.654	0.500
%RSD		0.889	2.959	10.570
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 478.300</u>	0.000	83.371%
%RSD		<u>M 0.558</u>	0.000	1.173
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.066	0.683	0.089
%RSD		9.775	7.833	4.969
Run	Time	209Bi		
		ppb		
X		77.931%		
%RSD		0.907		

240-17632 -d-6-a, 11/20/2012 19:05:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		66.390%	0.041	61.690
%RSD		0.486	30.850	2.560
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		43130.000	19460.000	7.429
%RSD		0.475	0.059	19.520
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	2504.000	72900.000
%RSD		0.000	0.050	0.043
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.528%	71.156%	0.332
%RSD		0.070	0.207	26.150
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.257	42.530	-6.783
%RSD		26.590	0.784	13.060
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		92.210	1367.000	0.372
%RSD		0.108	0.785	17.200
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		11.310	1.448	1.613
%RSD		0.975	2.619	14.170
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.607%	5.411	0.579
%RSD		0.269	2.183	4.366
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.082	2.443	0.000
%RSD		130.100	5.323	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.004	-1.650	0.043
%RSD		84.910	36.790	80.270
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		75.708%	0.128	0.278
%RSD		0.863	26.670	8.163
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		120.300	0.000	81.337%
%RSD		1.862	0.000	0.519
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.454	0.411	0.478
%RSD		7.378	2.620	5.489
Run	Time	209Bi		
		ppb		
X		80.345%		
%RSD		0.436		

240-17632 -d-7-a, 11/20/2012 19:10:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.432%	0.026	58.790
%RSD		0.332	36.330	1.474
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		42050.000	18230.000	3.628
%RSD		0.715	0.953	19.970
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3381.000	76470.000
%RSD		0.000	0.443	0.080
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.214%	67.071%	0.196
%RSD		0.034	0.405	47.620
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-4.783	168.100	8.779
%RSD		3.575	0.463	3.739
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		32.780	735.400	1.323
%RSD		0.551	1.154	3.002
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		41.530	4.905	2.589
%RSD		2.036	4.915	5.349
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.766%	0.384	0.540
%RSD		0.801	34.320	16.660
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.962	2.273	0.000
%RSD		9.206	5.066	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	-0.648	0.067
%RSD		247.800	244.800	23.480
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		72.547%	1.480	0.226
%RSD		0.175	3.740	8.983
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		56.680	0.000	78.751%
%RSD		1.359	0.000	0.205
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.330	0.290	0.055
%RSD		1.499	3.204	2.467
Run	Time	209Bi		
		ppb		
X		77.171%		
%RSD		1.025		

240-17632 -d-8-a, 11/20/2012 19:15:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.797%	0.026	57.090
%RSD		0.543	40.070	1.760
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		42210.000	18340.000	2.610
%RSD		0.305	0.720	17.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3364.000	76510.000
%RSD		0.000	0.122	0.116
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.901%	64.161%	0.208
%RSD		0.302	0.307	23.560
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-4.246	118.800	6.082
%RSD		20.370	0.292	48.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		30.520	606.000	1.063
%RSD		0.506	0.156	2.732
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		38.000	4.871	2.101
%RSD		0.341	3.351	3.338
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.932%	0.501	0.515
%RSD		0.268	29.940	7.263
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		1.294	1.919	0.000
%RSD		9.586	8.337	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	-0.053	0.007
%RSD		549.700	1735.000	129.600
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		70.204%	0.152	0.185
%RSD		0.756	0.856	10.710
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		56.970	0.000	76.961%
%RSD		1.200	0.000	0.368
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.264	0.230	0.052
%RSD		4.415	1.160	8.289
Run	Time	209Bi		
		ppb		
X		75.766%		
%RSD		0.280		

240-17646 -j-1-a, 11/20/2012 19:20:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.385%	0.049	M 212.400
%RSD		0.236	36.650	M 1.710
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		± 28250.000	47960.000	3.718
%RSD		± 0.605	1.163	26.330
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 3115.000	95900.000
%RSD		± 0.000	± 0.995	0.483
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.324%	64.719%	0.316
%RSD		0.218	0.470	60.550
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.187	-0.016	-6.469
%RSD		63.060	370.900	18.340
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		19.390	2991.000	0.142
%RSD		0.622	0.176	10.120
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.616	0.197	2.709
%RSD		9.279	15.130	5.832
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.789%	20.390	0.590
%RSD		0.714	1.488	18.950
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.038	42.750	0.000
%RSD		243.100	1.060	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		-0.000	3.651	0.006
%RSD		1219.000	45.900	125.900
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		69.999%	0.127	0.107
%RSD		0.307	8.205	11.510
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		34.800	0.000	76.323%
%RSD		1.955	0.000	0.751
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.136	0.178	0.049
%RSD		7.541	1.243	4.486
Run	Time	209Bi		
		ppb		
X		74.857%		
%RSD		0.143		

240-17646 -j-3-a, 11/20/2012 19:25:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.040%	0.007	M 661.500
%RSD		0.411	159.100	M 0.578
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 65420.000	39140.000	34.040
%RSD		T 0.309	0.751	4.583
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 3608.000	M 145200.000
%RSD		T 0.000	T 0.690	M 0.420
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.237%	64.310%	0.320
%RSD		0.324	0.610	55.380
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.425	-0.118	-12.220
%RSD		72.450	39.760	8.725
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		138.800	4193.000	0.831
%RSD		0.517	0.587	9.342
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.353	0.160	3.572
%RSD		10.840	2.494	6.538
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.377%	1.517	0.542
%RSD		0.492	10.660	1.984
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.005	65.620	0.000
%RSD		1533.000	2.104	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	5.849	0.224
%RSD		510.800	69.140	13.170
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		69.562%	0.176	0.092
%RSD		0.224	13.520	23.710
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		26.820	0.000	76.773%
%RSD		2.192	0.000	0.729
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.114	0.180	0.092
%RSD		2.793	2.850	3.976
Run	Time	209Bi		
		ppb		
X		73.508%		
%RSD		0.621		

CCV 9 11/20/2012 19:30:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.129%	104.245%	104.607%
%RSD		0.339	0.952	1.174
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.316%	100.051%	103.978%
%RSD		0.838	0.553	1.560
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	99.471%	100.568%
%RSD		0.000	0.328	0.435
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.196%	66.930%	96.320%
%RSD		0.576	1.407	2.093
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.819%	98.933%	-10.570
%RSD		0.348	0.238	18.330
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		103.439%	99.862%	98.306%
%RSD		0.399	0.363	0.536
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.775%	98.668%	104.511%
%RSD		1.249	0.516	2.300
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.841%	99.334%	-1.226
%RSD		1.383	0.438	17.290
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.534%	103.255%	0.000
%RSD		0.498	0.467	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		101.691%	83.370	103.071%
%RSD		0.629	72.820	0.613
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		72.206%	100.045%	100.942%
%RSD		1.333	0.335	0.339
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		100.271%	0.000	78.325%
%RSD		0.723	0.000	1.351
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.682%	101.687%	100.145%
%RSD		0.630	0.789	0.930
Run	Time	209Bi		
		ppb		
X		76.317%		
%RSD		0.491		

CCB 9 11/20/2012 19:37:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.462%	0.083	5.068
%RSD		0.947	9.958	4.230
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		23.070	24.160	10.300
%RSD		10.530	7.967	11.920
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	20.800	36.940
%RSD		±0.000	2.855	9.736
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.619%	60.662%	0.283
%RSD		0.756	0.251	54.290
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.044	-0.208	-23.170
%RSD		239.000	19.900	2.871
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.845	30.450	0.076
%RSD		1.622	6.244	19.340
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.048	0.208	0.636
%RSD		96.710	9.673	23.320
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.155%	-0.143	-0.099
%RSD		0.293	35.630	26.680
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.118	0.444	0.000
%RSD		79.650	23.090	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.050	-0.484	0.111
%RSD		10.580	177.600	15.210
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		69.013%	0.171	0.207
%RSD		0.172	15.890	20.000
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.151	0.000	73.873%
%RSD		43.670	0.000	0.284
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.687	0.415	0.221
%RSD		6.028	6.908	1.709
Run	Time	209Bi		
		ppb		
X		79.262%		
%RSD		0.141		

240-17646 -j-2-a, 11/20/2012 19:42:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.682%	0.039	M 642.900
%RSD		0.862	48.840	M 0.641
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 161500.000	M 130100.000	224.700
%RSD		M 0.379	M 1.104	6.335
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 6002.000	M 466400.000
%RSD		T 0.000	T 0.599	M 0.524
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 62.579%	66.608%	3.640
%RSD		T 0.455	0.995	29.040
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.568	0.103	-12.360
%RSD		30.700	30.660	4.438
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 661.100	T 8342.000	0.259
%RSD		T 0.575	T 1.305	12.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.220	0.854	2.886
%RSD		10.010	6.797	7.322
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.915%	11.180	0.826
%RSD		0.814	0.511	13.190
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.096	54.190	0.000
%RSD		22.250	2.284	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	4.856	0.139
%RSD		101.000	31.900	14.200
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		71.327%	0.186	0.171
%RSD		0.300	6.041	17.760
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		9.295	0.000	77.208%
%RSD		2.410	0.000	1.322
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.279	0.243	0.434
%RSD		5.831	3.779	1.022
Run	Time	209Bi		
		ppb		
X		70.130%		
%RSD		1.207		

240-17646 -j-4-a, 11/20/2012 19:47:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.035%	0.098	M 579.500
%RSD		0.346	16.160	M 0.255
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 196800.000	M 135600.000	M 1453.000
%RSD		M 0.966	M 0.183	M 1.029
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 7031.000	M 432600.000
%RSD		T 0.000	T 0.224	M 0.403
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.724%	67.110%	26.760
%RSD		0.285	1.268	12.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		3.922	2.121	-11.380
%RSD		0.779	1.803	3.359
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		M 1446.000	T 6483.000	2.636
%RSD		M 0.509	T 0.357	5.110
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.901	5.722	23.910
%RSD		2.484	2.933	2.817
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.191%	7.655	0.766
%RSD		1.490	3.055	8.174
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.148	60.100	0.000
%RSD		44.530	1.212	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.013	5.191	0.358
%RSD		15.150	22.890	13.610
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		72.503%	0.163	0.254
%RSD		1.067	8.057	2.232
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		18.080	0.000	78.179%
%RSD		1.509	0.000	0.721
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.182	0.282	2.379
%RSD		3.887	2.144	1.169
Run	Time	209Bi		
		ppb		
X		70.487%		
%RSD		0.722		

240-17646 -j-5-a, 11/20/2012 19:52:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.554%	0.034	M 620.200
%RSD		0.967	22.800	M 1.370
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 102500.000	97900.000	587.200
%RSD		TM 0.713	0.633	1.167
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 5403.000	TM 454400.000
%RSD		T 0.000	T 0.706	TM 1.199
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.284%	65.960%	8.839
%RSD		0.392	0.693	9.809
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.584	0.845	-11.710
%RSD		17.130	16.780	9.982
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 713.200	2733.000	1.141
%RSD		T 0.188	0.797	4.086
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.022	2.283	18.050
%RSD		5.773	2.786	0.496
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.402%	3.622	0.924
%RSD		0.613	2.226	6.775
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.109	46.260	0.000
%RSD		98.310	0.962	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.004	3.273	0.121
%RSD		38.930	167.100	30.120
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		70.856%	0.700	0.159
%RSD		0.161	6.087	10.700
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		11.100	0.000	77.520%
%RSD		1.253	0.000	0.762
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.133	0.217	0.637
%RSD		1.703	2.648	3.271
Run	Time	209Bi		
		ppb		
X		71.026%		
%RSD		0.054		

240-17646 -j-6-a, 11/20/2012 19:57:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.268%	0.070	M 633.800
%RSD		1.001	32.890	M 1.863
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 62850.000	93950.000	M 1343.000
%RSD		T 0.817	0.078	M 0.745
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 4724.000	M 406000.000
%RSD		T 0.000	T 0.355	M 0.562
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.505%	59.195%	27.110
%RSD		0.213	0.824	26.070
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		3.318	1.805	-15.530
%RSD		5.648	7.498	3.893
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		161.000	T 11390.000	0.997
%RSD		0.394	T 0.503	4.805
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.857	2.831	14.490
%RSD		0.720	2.498	2.607
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.149%	3.217	0.814
%RSD		0.920	7.812	6.758
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.160	32.200	0.000
%RSD		32.030	0.863	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.008	1.609	0.015
%RSD		58.970	225.600	166.500
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		65.290%	0.125	0.151
%RSD		0.713	15.840	1.521
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		19.100	0.000	73.060%
%RSD		0.723	0.000	0.529
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.111	0.172	1.189
%RSD		5.072	5.725	1.877
Run	Time	209Bi		
		ppb		
X		67.606%		
%RSD		0.323		

240-17646 -j-7-a, 11/20/2012 20:02:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.479%	0.058	M 669.700
%RSD		0.739	24.510	M 0.132
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		† 98080.000	23450.000	893.700
%RSD		† 1.135	0.359	1.307
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		† 0.000	† 3013.000	M 131500.000
%RSD		† 0.000	† 0.432	M 0.412
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		55.544%	56.010%	14.160
%RSD		0.174	1.416	10.180
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.566	1.004	-16.030
%RSD		9.407	0.918	4.882
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		155.900	2315.000	0.537
%RSD		0.164	1.169	6.074
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.587	1.763	11.730
%RSD		8.444	6.842	2.396
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.841%	1.669	0.538
%RSD		0.629	6.085	15.820
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.112	126.700	0.000
%RSD		91.190	1.672	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.005	13.800	-0.009
%RSD		37.490	37.630	526.400
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		63.640%	0.332	0.124
%RSD		0.225	6.150	8.462
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		18.750	0.000	71.273%
%RSD		2.975	0.000	0.468
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.102	0.114	0.460
%RSD		6.452	3.507	2.052
Run	Time	209Bi		
		ppb		
X		68.979%		
%RSD		0.506		

240-17646 -j-8-a, 11/20/2012 20:07:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.398%	0.007	M 685.800
%RSD		0.579	123.000	M 0.491
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 133700.000	M 132600.000	203.500
%RSD		M 0.970	M 0.581	2.092
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 4809.000	M 488500.000
%RSD		T 0.000	T 0.157	M 0.539
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 59.250%	60.704%	3.103
%RSD		T 1.097	1.502	10.250
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.320	0.210	-9.904
%RSD		43.700	28.500	7.319
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 820.700	2440.000	1.007
%RSD		T 0.643	0.250	0.999
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.027	0.870	4.442
%RSD		10.160	7.102	4.358
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.196%	3.971	0.911
%RSD		0.542	0.467	4.558
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.015	74.040	0.000
%RSD		437.400	0.553	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	6.177	0.311
%RSD		96.950	46.680	3.951
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		66.007%	0.310	0.132
%RSD		0.505	5.369	23.220
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		8.323	0.000	72.646%
%RSD		1.270	0.000	1.012
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.081	0.182	0.248
%RSD		6.010	2.379	2.006
Run	Time	209Bi		
		ppb		
X		65.741%		
%RSD		0.871		

240-17655 -j-1-a, 11/20/2012 20:12:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.793%	0.015	M 692.800
%RSD		0.506	29.900	M 0.248
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 265300.000	M 115900.000	66.480
%RSD		M 0.045	M 0.352	4.403
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 10430.000	M 359600.000
%RSD		T 0.000	T 0.552	M 0.396
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.840%	62.390%	0.708
%RSD		0.185	0.862	21.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.130	0.008	-10.600
%RSD		267.100	390.300	11.960
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		409.000	281.100	0.180
%RSD		0.457	2.048	5.343
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.757	0.734	2.260
%RSD		7.508	8.036	6.744
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.393%	2.813	0.768
%RSD		0.860	2.909	10.330
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.041	14.460	0.000
%RSD		80.270	0.963	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	1.553	0.007
%RSD		432.300	176.400	80.870
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		67.514%	0.102	0.057
%RSD		0.731	21.830	14.190
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		7.634	0.000	73.664%
%RSD		1.579	0.000	1.325
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.078	0.091	0.100
%RSD		9.395	4.833	6.158
Run	Time	209Bi		
		ppb		
X		65.842%		
%RSD		1.059		

240-17655 -j-2-a, 11/20/2012 20:17:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.027%	0.018	M 656.900
%RSD		1.847	48.300	M 2.502
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 239500.000	M 109000.000	71.090
%RSD		M 0.555	M 0.048	1.432
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 7410.000	M 364300.000
%RSD		T 0.000	T 0.643	M 0.336
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.006%	60.209%	1.005
%RSD		0.325	0.531	23.220
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.022	0.066	-12.200
%RSD		2105.000	86.480	8.448
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		318.800	3212.000	0.224
%RSD		0.383	0.326	21.090
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.594	0.390	1.759
%RSD		17.620	6.210	3.352
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.743%	11.760	0.762
%RSD		0.435	2.559	18.090
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.062	26.300	0.000
%RSD		9.201	1.621	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.000	0.781	0.016
%RSD		150.300	227.200	57.500
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		65.491%	0.171	0.070
%RSD		0.965	4.333	25.250
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		8.053	0.000	71.425%
%RSD		3.238	0.000	0.987
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.156	0.080	0.153
%RSD		8.607	2.338	5.542
Run	Time	209Bi		
		ppb		
X		64.317%		
%RSD		0.573		

240-17655 -j-3-a, 11/20/2012 20:22:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.089%	0.010	<u>M 779.500</u>
%RSD		0.844	23.210	<u>M 0.437</u>
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>TM 317600.000</u>	<u>M 126200.000</u>	184.000
%RSD		<u>TM 0.342</u>	<u>M 0.594</u>	2.041
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 12270.000</u>	<u>M 336400.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.168</u>	<u>M 0.435</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.101%	60.715%	5.470
%RSD		0.650	0.428	64.490
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.154	0.080	-7.404
%RSD		317.300	34.110	20.840
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		106.200	789.800	0.214
%RSD		0.464	0.513	5.951
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.549	0.643	2.898
%RSD		11.890	5.087	10.080
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.143%	2.725	0.846
%RSD		1.079	1.785	13.890
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.076	22.530	0.000
%RSD		32.530	2.451	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	0.478	0.019
%RSD		64.780	713.900	4.253
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		65.320%	0.089	0.097
%RSD		0.842	29.300	15.050
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		7.133	0.000	70.881%
%RSD		4.114	0.000	0.728
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.101	0.074	0.256
%RSD		10.530	7.020	2.502
Run	Time	209Bi		
		ppb		
X		63.584%		
%RSD		0.139		

240-17655 -j-4-a, 11/20/2012 20:27:18 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.995%	0.076	M 672.600
%RSD		0.698	32.230	M 1.394
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 130000.000	M 112800.000	735.600
%RSD		M 0.925	M 0.873	1.284
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 5920.000	M 469500.000
%RSD		T 0.000	T 0.803	M 0.123
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 62.039%	55.522%	11.930
%RSD		T 0.115	1.332	4.242
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.343	0.456	-11.150
%RSD		16.260	13.340	5.081
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		368.200	3653.000	0.464
%RSD		0.036	0.894	3.204
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.308	0.633	3.763
%RSD		10.730	19.030	4.518
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.613%	20.610	1.097
%RSD		1.268	2.599	7.006
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.006	48.640	0.000
%RSD		929.500	0.328	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	5.025	0.012
%RSD		23.930	55.300	90.150
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		61.913%	0.234	0.090
%RSD		0.281	1.480	17.050
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		11.650	0.000	67.393%
%RSD		2.300	0.000	0.592
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.058	0.068	1.154
%RSD		5.868	5.552	0.553
Run	Time	209Bi		
		ppb		
X		61.098%		
%RSD		0.921		

CCV 10 11/20/2012 20:32:16 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.161%	110.478%	115.889%
%RSD		0.582	0.999	0.929
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.271%	98.654%	108.458%
%RSD		0.261	0.197	1.051
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	95.607%	100.674%
%RSD		0.000	0.147	0.219
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.641%	55.815%	106.862%
%RSD		0.551	1.187	5.717
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.810%	100.404%	-9.087
%RSD		1.328	0.485	16.500
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.093%	100.543%	99.693%
%RSD		0.968	0.233	0.609
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.158%	97.370%	103.606%
%RSD		0.608	0.397	1.172
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.930%	99.914%	-0.788
%RSD		0.966	0.099	39.140
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		103.723%	103.804%	0.000
%RSD		1.896	0.969	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		100.584%	76.520	101.925%
%RSD		0.472	52.950	1.546
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		62.470%	101.141%	102.389%
%RSD		1.071	0.351	0.619
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		102.996%	0.000	66.771%
%RSD		0.545	0.000	0.998
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		104.555%	102.299%	100.542%
%RSD		0.173	0.735	0.112
Run	Time	209Bi		
		ppb		
X		65.300%		
%RSD		0.867		

CCB 10 11/20/2012 20:39:02 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.537%	0.103	9.286
%RSD		0.431	13.170	1.881
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		29.620	27.330	11.660
%RSD		2.382	13.980	16.360
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	24.730	39.000
%RSD		±0.000	1.448	10.620
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.973%	56.024%	0.248
%RSD		0.698	0.234	22.180
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.057	-0.187	-19.690
%RSD		433.000	24.330	4.581
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.867	31.980	0.093
%RSD		1.806	2.024	10.890
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.095	0.146	0.731
%RSD		27.420	12.440	23.890
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.267%	0.070	-0.140
%RSD		0.159	224.500	87.440
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.081	0.481	0.000
%RSD		3.540	22.800	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.057	-0.625	0.070
%RSD		3.091	115.700	33.780
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		64.628%	0.177	0.175
%RSD		0.151	15.080	3.641
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.165	0.000	67.416%
%RSD		55.530	0.000	0.056
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.687	0.377	0.209
%RSD		11.930	4.860	4.041
Run	Time	209Bi		
		ppb		
X		72.057%		
%RSD		0.324		

240-17655 -j-5-a, 11/20/2012 20:44:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.113%	0.021	M 841.100
%RSD		0.230	44.810	M 0.261
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 460000.000	96380.000	63.620
%RSD		M 0.586	0.273	2.039
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9604.000	M 283800.000
%RSD		T 0.000	T 0.132	M 0.485
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.407%	55.317%	1.034
%RSD		0.475	1.510	60.170
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.004	-0.058	-13.010
%RSD		10680.000	89.210	11.750
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		116.600	1900.000	0.118
%RSD		0.424	0.636	13.720
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.424	0.392	1.629
%RSD		17.580	6.767	13.200
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.851%	7.455	0.593
%RSD		1.661	3.543	25.550
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.080	20.460	0.000
%RSD		69.600	2.242	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.003	0.233	0.025
%RSD		27.110	1519.000	88.450
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		60.460%	0.169	0.092
%RSD		0.641	2.688	12.390
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		5.871	0.000	65.159%
%RSD		2.920	0.000	0.718
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.239	0.197	0.108
%RSD		3.354	5.311	8.361
Run	Time	209Bi		
		ppb		
X		58.114%		
%RSD		0.518		

240-17655 -j-6-a, 11/20/2012 20:48:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.029%	0.168	M 735.700
%RSD		0.214	13.490	M 0.884
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 233800.000	M 104900.000	M 2358.000
%RSD		M 0.993	M 0.947	M 0.160
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 8299.000	M 367300.000
%RSD		T 0.000	T 0.346	M 0.400
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.433%	54.380%	35.520
%RSD		0.738	0.901	4.390
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		6.340	2.702	-12.690
%RSD		6.320	2.783	2.490
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		415.000	5044.000	1.316
%RSD		0.236	0.411	5.333
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.408	2.191	18.150
%RSD		1.650	3.204	2.088
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.767%	17.040	0.771
%RSD		0.753	2.096	15.430
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.045	17.940	0.000
%RSD		191.000	1.644	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.005	1.370	0.033
%RSD		68.980	159.100	29.930
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		60.413%	5.950	0.111
%RSD		0.441	1.493	7.903
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		25.960	0.000	65.141%
%RSD		2.445	0.000	0.820
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.270	0.164	2.151
%RSD		5.627	4.627	1.091
Run	Time	209Bi		
		ppb		
X		59.924%		
%RSD		0.404		

240-17583 -c-1-a@5, 11/20/2012 20:53:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.153%	1.151	33.610
%RSD		0.426	6.712	2.823
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		359.500	8344.000	<u>M</u> 14320.000
%RSD		1.341	0.891	<u>M</u> 0.553
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	963.900	26790.000
%RSD		<u>T</u> 0.000	0.942	0.610
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.540%	57.147%	<u>M</u> 1141.000
%RSD		0.241	0.958	<u>M</u> 0.456
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		62.660	165.100	-3.765
%RSD		1.201	0.334	81.180
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1677.000	<u>TM</u> 130400.000	20.150
%RSD		<u>TM</u> 0.286	<u>TM</u> 0.035	0.852
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		103.600	153.400	<u>M</u> 570.200
%RSD		0.722	1.272	<u>M</u> 0.315
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.944%	13.610	0.033
%RSD		0.587	1.100	328.100
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		1.029	49.250	0.000
%RSD		15.490	0.972	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.136	-10.400	6.929
%RSD		5.825	108.700	2.505
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		66.161%	14.390	1.657
%RSD		0.541	2.195	4.096
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 259.700	0.000	71.472%
%RSD		<u>M</u> 0.621	0.000	1.035
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.716	0.185	183.600
%RSD		3.289	2.230	0.823
Run	Time	209Bi		
		ppb		
X		93.112%		
%RSD		0.602		

240-17583 -c-1-a@10, 11/20/2012 20:58:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.682%	0.611	19.290
%RSD		1.030	5.441	4.994
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		183.200	4337.000	M 7229.000
%RSD		0.674	0.207	M 0.822
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	498.500	13470.000
%RSD		T 0.000	1.088	0.382
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.495%	54.776%	M 581.600
%RSD		0.149	1.396	M 0.624
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		30.910	83.120	-14.970
%RSD		1.844	0.994	7.121
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 848.700	TM 66040.000	10.030
%RSD		T 0.157	TM 0.744	2.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		51.940	78.480	M 297.500
%RSD		1.363	2.289	M 0.837
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.795%	6.891	-0.045
%RSD		0.492	4.121	232.100
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.636	24.760	0.000
%RSD		23.870	1.329	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.060	7.978	3.702
%RSD		9.684	212.600	2.929
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		64.478%	7.166	0.846
%RSD		0.915	1.458	4.028
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		129.600	0.000	69.569%
%RSD		0.163	0.000	0.448
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.425	0.120	104.200
%RSD		2.256	5.924	0.340
Run	Time	209Bi		
		ppb		
X		82.826%		
%RSD		0.868		

240-17583 -b-5-a@5, 11/20/2012 21:03:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.025%	0.865	17.760
%RSD		0.121	4.646	1.086
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		445.200	7764.000	<u>M</u> 12840.000
%RSD		1.817	0.132	<u>M</u> 0.612
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	840.800	11730.000
%RSD		<u>I</u> 0.000	0.688	0.873
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.644%	56.945%	<u>M</u> 955.900
%RSD		0.154	0.535	<u>M</u> 0.964
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		58.140	86.050	-16.780
%RSD		1.639	0.362	10.930
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1023.000	<u>TM</u> 77780.000	16.120
%RSD		<u>TM</u> 0.336	<u>TM</u> 0.534	1.320
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		66.120	109.700	<u>M</u> 301.200
%RSD		1.436	0.866	<u>M</u> 0.416
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.701%	8.047	0.149
%RSD		1.050	4.583	38.710
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.701	22.310	0.000
%RSD		9.191	1.302	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.126	-9.827	0.967
%RSD		11.290	150.300	7.872
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		66.277%	9.876	0.774
%RSD		0.758	0.981	5.894
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		92.700	0.000	72.274%
%RSD		0.905	0.000	0.938
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.500	0.188	98.630
%RSD		4.554	2.062	0.671
Run	Time	209Bi		
		ppb		
X		80.949%		
%RSD		0.830		

240-17583 -c-6-a@10, 11/20/2012 21:08:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.890%	0.759	21.470
%RSD		0.955	6.632	2.143
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		212.800	8446.000	<u>M</u> 7886.000
%RSD		1.036	0.781	<u>M</u> 0.362
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	601.500	26190.000
%RSD		<u>T</u> 0.000	0.405	0.265
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		54.518%	49.923%	<u>M</u> 672.300
%RSD		0.055	0.654	<u>M</u> 1.981
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		60.950	<u>M</u> 225.000	5.121
%RSD		1.800	<u>M</u> 0.697	86.110
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7105.000	<u>TM</u> 99520.000	10.950
%RSD		<u>TM</u> 0.219	<u>TM</u> 0.546	2.170
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		50.950	181.000	<u>M</u> 356.400
%RSD		3.413	0.806	<u>M</u> 0.324
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.747%	8.172	0.008
%RSD		0.151	5.415	123.100
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.572	17.820	0.000
%RSD		33.780	2.848	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.203	-10.380	1.737
%RSD		3.450	130.100	2.438
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		59.926%	18.970	1.098
%RSD		0.418	0.941	4.121
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		77.550	0.000	66.419%
%RSD		1.732	0.000	1.144
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		5.025	0.151	140.400
%RSD		2.061	2.253	0.609
Run	Time	209Bi		
		ppb		
X		76.288%		
%RSD		0.408		

240-17583 -c-7-a@5, 11/20/2012 21:13:56 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		38.670%	2.117	88.890
%RSD		0.787	4.943	1.906
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		380.300	63720.000	<u>M 16360.000</u>
%RSD		1.057	1.105	<u>M 1.156</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±0.000</u>	697.800	<u>M 272300.000</u>
%RSD		<u>±0.000</u>	0.688	<u>M 0.542</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		43.922%	45.414%	<u>M 2670.000</u>
%RSD		0.239	0.791	<u>M 1.933</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 526.000</u>	<u>M 2624.000</u>	392.100
%RSD		<u>M 1.111</u>	<u>M 0.771</u>	5.312
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 107500.000</u>	<u>TM 461100.000</u>	4.822
%RSD		<u>TM 0.214</u>	<u>TM 1.053</u>	1.602
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		14.080	101.600	96.500
%RSD		2.822	0.857	2.439
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		47.142%	6.086	0.149
%RSD		1.293	4.007	91.500
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		1.025	2.610	0.000
%RSD		16.480	10.520	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.055	-23.150	0.399
%RSD		6.892	17.660	19.620
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		55.803%	24.920	0.812
%RSD		1.706	1.429	3.614
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M 225.300</u>	0.000	63.682%
%RSD		<u>M 0.883</u>	0.000	1.671
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		54.450	0.095	26.760
%RSD		1.286	7.346	0.020
Run	Time	209Bi		
		ppb		
X		60.890%		
%RSD		1.217		

240-17516 -d-2-a@10, 11/20/2012 21:18:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		48.963%	0.498	12.080
%RSD		0.288	3.899	2.359
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		153.000	3984.000	<u>M</u> 6179.000
%RSD		0.961	1.616	<u>M</u> 0.344
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	632.400	13910.000
%RSD		<u>T</u> 0.000	0.850	0.382
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.900%	63.541%	<u>M</u> 376.300
%RSD		0.566	0.693	<u>M</u> 0.448
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		23.600	68.100	-19.430
%RSD		1.895	0.733	7.586
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1149.000	<u>TM</u> 129900.000	12.790
%RSD		<u>TM</u> 0.513	<u>TM</u> 0.959	0.111
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		53.540	<u>M</u> 302.700	<u>M</u> 827.500
%RSD		1.789	<u>M</u> 0.552	<u>M</u> 0.444
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.233%	19.590	0.086
%RSD		1.346	1.572	153.300
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.456	8.655	0.000
%RSD		24.000	0.560	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.197	-10.170	1.382
%RSD		9.108	59.290	2.271
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		74.778%	110.900	13.260
%RSD		0.256	1.066	1.277
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		<u>M</u> 767.800	0.000	79.557%
%RSD		<u>M</u> 0.808	0.000	1.055
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		2.369	0.107	<u>TM</u> 211.700
%RSD		10.830	5.060	<u>TM</u> 0.332
Run	Time	209Bi		
		ppb		
X		105.703%		
%RSD		0.761		

240-17516 -d-2-a@100, 11/20/2012 21:23:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.692%	0.063	5.840
%RSD		0.345	20.570	7.390
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		16.620	399.400	667.300
%RSD		0.974	8.315	0.955
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	73.720	1478.000
%RSD		±0.000	0.326	2.167
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.808%	62.135%	41.040
%RSD		0.356	0.844	9.395
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.953	6.787	-26.860
%RSD		17.130	3.899	3.628
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		122.900	±13850.000	1.322
%RSD		0.419	±0.819	1.887
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		5.770	33.470	91.610
%RSD		2.434	0.863	1.343
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.702%	1.686	-0.085
%RSD		0.499	9.506	33.210
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.043	0.869	0.000
%RSD		262.500	7.577	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.026	-0.543	0.132
%RSD		12.860	259.900	18.940
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		72.808%	11.810	1.524
%RSD		0.059	1.009	3.231
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		79.940	0.000	77.587%
%RSD		0.372	0.000	0.448
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.452	0.049	27.790
%RSD		2.548	5.585	0.800
Run	Time	209Bi		
		ppb		
X		85.418%		
%RSD		0.198		

240-17516 -e-3-a@10, 11/20/2012 21:29:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.100%	0.576	9.615
%RSD		1.580	2.089	6.186
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		142.200	3992.000	M 6696.000
%RSD		0.834	2.136	M 0.768
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	711.200	8586.000
%RSD		10.000	0.329	1.024
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.740%	62.784%	M 434.400
%RSD		0.445	0.498	M 1.396
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		31.780	40.460	-23.980
%RSD		0.981	0.724	11.980
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1990.400	M 88520.000	11.060
%RSD		10.411	M 0.430	1.114
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		39.710	157.000	M 918.100
%RSD		0.816	0.943	M 0.195
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.128%	9.676	-0.040
%RSD		0.401	4.253	190.700
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.339	3.393	0.000
%RSD		11.760	5.109	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.114	-4.458	0.851
%RSD		3.079	188.200	3.251
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		73.281%	44.550	5.573
%RSD		0.274	1.140	0.895
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		55.160	0.000	78.396%
%RSD		0.494	0.000	0.456
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.650	0.154	86.550
%RSD		2.349	3.487	0.723
Run	Time	209Bi		
		ppb		
X		89.958%		
%RSD		0.306		

CCV 11 11/20/2012 21:33:59 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		42.701%	111.194%	104.720%
%RSD		0.269	0.698	1.526
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.908%	99.910%	105.869%
%RSD		0.793	0.211	1.880
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	98.390%	101.143%
%RSD		0.000	0.403	0.381
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		49.114%	53.022%	100.051%
%RSD		0.667	1.193	1.682
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.507%	100.572%	-14.080
%RSD		1.735	1.058	14.710
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		105.763%	101.278%	99.275%
%RSD		0.495	0.700	0.339
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.547%	100.262%	105.302%
%RSD		0.955	2.011	1.730
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.945%	99.263%	-0.980
%RSD		1.682	0.625	27.860
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		101.713%	104.146%	0.000
%RSD		2.122	1.529	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		102.048%	30.260	104.214%
%RSD		0.815	134.300	1.768
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		61.174%	101.827%	102.504%
%RSD		1.021	0.558	0.110
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		101.164%	0.000	68.706%
%RSD		0.310	0.000	0.950
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		105.823%	103.145%	101.191%
%RSD		0.926	0.139	0.077
Run	Time	209Bi		
		ppb		
X		68.184%		
%RSD		0.575		

CCB 11 11/20/2012 21:40:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		42.859%	0.098	4.525
%RSD		0.632	1.180	5.601
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		37.860	38.830	12.110
%RSD		1.954	16.220	7.148
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	23.090	53.300
%RSD		±0.000	2.812	14.620
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		48.987%	50.914%	0.315
%RSD		0.200	0.480	102.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.055	-0.274	-27.030
%RSD		385.300	16.700	1.401
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.964	35.780	0.093
%RSD		4.030	3.156	12.320
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.106	0.175	0.570
%RSD		29.420	11.810	31.730
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.558%	-0.337	-0.095
%RSD		1.358	22.220	41.630
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.061	0.444	0.000
%RSD		112.100	30.890	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.058	-1.554	0.093
%RSD		11.890	28.490	27.390
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		60.959%	0.194	0.196
%RSD		0.490	12.100	3.473
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.174	0.000	66.546%
%RSD		14.680	0.000	0.905
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.774	0.378	0.252
%RSD		10.480	2.613	2.659
Run	Time	209Bi		
		ppb		
X		72.691%		
%RSD		0.149		

240-17516 -d-5-a@5, 11/20/2012 21:45:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.716%	1.554	14.630
%RSD		0.556	4.328	2.010
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		430.000	9998.000	<u>M</u> 18660.000
%RSD		1.648	0.510	<u>M</u> 0.262
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 1908.000	17740.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.058	0.804
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.358%	61.850%	<u>M</u> 1243.000
%RSD		0.657	1.183	<u>M</u> 0.921
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.400	52.930	-19.150
%RSD		0.709	0.177	6.376
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 2323.000	<u>TM</u> 109800.000	20.310
%RSD		<u>TM</u> 0.180	<u>TM</u> 0.388	1.250
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		50.390	104.200	<u>M</u> 628.900
%RSD		1.157	1.424	<u>M</u> 0.667
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.428%	11.980	0.162
%RSD		0.855	2.780	63.730
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.962	4.072	0.000
%RSD		8.741	1.301	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.279	-26.640	1.750
%RSD		9.652	23.140	8.355
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		71.865%	13.050	1.011
%RSD		0.530	2.635	4.647
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		148.600	0.000	79.356%
%RSD		0.900	0.000	1.181
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.270	0.512	142.200
%RSD		0.895	1.107	0.629
Run	Time	209Bi		
		ppb		
X		85.334%		
%RSD		0.419		

240-17516 -e-6-a@5, 11/20/2012 21:50:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.119%	1.613	17.770
%RSD		1.042	2.655	5.244
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		428.100	6992.000	<u>M</u> 17140.000
%RSD		0.538	1.718	<u>M</u> 0.699
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 3088.000	15040.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.102	1.195
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.198%	65.029%	<u>M</u> 935.500
%RSD		0.190	0.426	<u>M</u> 2.270
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		76.580	55.760	-21.060
%RSD		0.496	0.703	3.500
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4446.000	<u>TM</u> 176800.000	19.410
%RSD		<u>TM</u> 0.253	<u>TM</u> 0.813	0.762
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		39.970	80.250	<u>M</u> 595.900
%RSD		1.714	2.411	<u>M</u> 0.803
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.427%	15.140	0.142
%RSD		1.653	2.656	52.790
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.758	5.699	0.000
%RSD		8.086	1.141	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.422	-14.400	1.644
%RSD		6.421	49.320	4.848
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		76.135%	19.340	1.364
%RSD		0.877	0.994	1.428
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		122.100	0.000	81.676%
%RSD		0.099	0.000	1.209
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		1.334	0.755	196.800
%RSD		2.345	0.950	0.684
Run	Time	209Bi		
		ppb		
X		86.851%		
%RSD		0.821		

240-17516 -d-7-a@5, 11/20/2012 21:55:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.802%	1.170	10.920
%RSD		0.738	0.717	8.305
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		396.800	8426.000	M 16220.000
%RSD		0.949	1.188	M 0.270
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±2540.000	12320.000
%RSD		±0.000	±0.177	0.110
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.251%	63.973%	M 969.800
%RSD		0.181	0.308	M 1.135
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		64.650	40.580	-20.400
%RSD		0.956	0.846	8.463
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1374.000	TM 66710.000	15.650
%RSD		TM 0.318	TM 0.755	0.785
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		42.040	67.040	M 386.200
%RSD		1.447	0.829	M 0.417
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.366%	7.613	0.117
%RSD		0.457	2.243	42.860
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.644	1.549	0.000
%RSD		16.870	12.160	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.365	-13.010	1.244
%RSD		6.334	41.930	7.658
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		73.738%	9.520	0.958
%RSD		0.474	0.417	8.871
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		110.700	0.000	80.216%
%RSD		0.282	0.000	0.505
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.506	0.286	82.580
%RSD		4.280	2.998	0.732
Run	Time	209Bi		
		ppb		
X		88.060%		
%RSD		0.109		

PDS 240-17516 -c-13 -a, 11/20/2012 22:00:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		38.161%	M 985.500	150.100
%RSD		0.181	M 0.247	1.983
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		11370.000	55900.000	TM 94430.000
%RSD		0.316	1.114	TM 0.426
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 15160.000	M 197100.000
%RSD		T 0.000	T 0.564	M 0.339
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		46.543%	51.222%	M 6214.000
%RSD		0.325	0.951	M 0.546
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1299.000	M 1298.000	168.000
%RSD		M 0.376	M 0.131	3.216
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 10290.000	TM 402800.000	M 1022.000
%RSD		TM 0.146	TM 0.447	M 0.356
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1085.000	M 1282.000	M 2767.000
%RSD		M 0.268	M 0.213	M 0.549
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.006%	M 909.400	-6.512
%RSD		2.148	M 1.005	22.830
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		M 837.500	113.300	0.000
%RSD		M 1.294	1.494	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		95.560	558.500	M 952.600
%RSD		0.315	12.300	M 0.076
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		60.195%	125.900	97.620
%RSD		0.980	0.130	0.287
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		M 2262.000	0.000	74.193%
%RSD		M 0.293	0.000	1.073
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		99.790	TM 235.300	TM 2248.000
%RSD		1.123	TM 0.615	TM 0.634
Run	Time	209Bi		
		ppb		
X		71.916%		
%RSD		0.998		

CCV 12 11/20/2012 22:07:47 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		40.435%	111.086%	106.433%
%RSD		0.908	0.880	1.952
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.750%	99.410%	104.124%
%RSD		0.909	0.785	1.154
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	97.329%	101.121%
%RSD		0.000	0.242	0.704
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		47.052%	53.395%	102.342%
%RSD		0.820	2.268	2.503
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.472%	101.052%	-13.610
%RSD		0.698	0.766	21.410
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		105.413%	101.746%	99.437%
%RSD		0.217	0.597	1.178
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.503%	100.452%	107.789%
%RSD		2.206	1.401	0.593
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.760%	100.005%	-1.043
%RSD		1.438	0.587	56.560
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		104.377%	104.757%	0.000
%RSD		0.547	0.681	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		101.546%	59.380	104.024%
%RSD		0.210	127.300	0.587
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		61.944%	101.428%	101.835%
%RSD		1.325	0.464	0.771
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		100.543%	0.000	69.386%
%RSD		0.717	0.000	1.218
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		106.089%	103.016%	100.031%
%RSD		0.861	0.506	0.862
Run	Time	209Bi		
		ppb		
X		69.661%		
%RSD		0.609		

CCB 12 11/20/2012 22:14:59 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		40.828%	0.133	2.880
%RSD		0.142	9.040	15.090
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		42.400	44.290	12.100
%RSD		3.698	16.140	4.301
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	29.660	57.420
%RSD		±0.000	2.986	11.160
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		47.708%	49.859%	0.790
%RSD		0.111	0.542	68.130
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.012	-0.200	-27.320
%RSD		1209.000	3.109	2.405
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.297	46.520	0.099
%RSD		1.219	2.596	7.702
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.087	0.191	0.955
%RSD		90.640	17.470	29.070
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.292%	-0.161	-0.069
%RSD		0.376	31.380	96.030
Run	Time	78Se	95Mo	105Pd
		ppb	ppb	ppb
X		0.084	0.424	0.000
%RSD		45.460	18.140	0.000
Run	Time	107Ag	108Mo O	111Cd
		ppb	ppb	ppb
X		0.087	-1.340	0.114
%RSD		9.150	117.200	31.420
Run	Time	115In	118Sn	121Sb
		ppb	ppb	ppb
X		59.990%	0.215	0.265
%RSD		0.259	19.010	9.147
Run	Time	137Ba	159Tb	165Ho
		ppb	ppb	ppb
X		0.157	0.000	66.018%
%RSD		18.140	0.000	0.789
Run	Time	182W	205Tl	208Pb
		ppb	ppb	ppb
X		0.803	0.484	0.299
%RSD		6.953	7.208	4.562
Run	Time	209Bi		
		ppb		
X		72.523%		
%RSD		0.321		

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-23-12 Analyst: NJS Instrument: IS

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution ≤ 0.9 AMU full width at 10% peak height, and within ± 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be > 8000 cps) (In > 300,000 cps) (Pb > 100,000 cps) (Co > 100,000) (Mg > 100,000) (CeO/Ce < 0.03) (Ba+/Ba < 0.03) (Background < 30 cps @ Mass 220) CCT Performance Check (In > 75000) (Se < 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (ICV: = 90 - 110%) (CCV: 90 - 110%, 200.8 = 85 - 115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within \pm RL?	✓			✓
3. CRI run and recovered within QC limits (\pm 50%) or project limits?	✓			✓
4. ICSA/TCSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?	✓			✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie J. Joth Date: 11-26-12 Time: 09:28 - 01:13
 Level I Analyst: _____ Date: _____ Time: _____
 Level II Reviewer: Roger K. Joth Date: 11-26-12 Time: 09:28 - 01:13
 Level II Reviewer: _____ Date: _____ Time: _____

Comments: _____

Experiment Details

Description PlasmaLab Template BlankExperiment
Template Filename C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020 QSM DoD 4.2.tet
Created By User martin.nash
Analyte Database TA NORTH CANTON MULTIMODE.tea
Creation Timestamp 10/10/2007 09:08:48
Last Edited By Upload
Last Edit Timestamp 11/26/2012 07:00:05
Instrument Detector Simultaneous
Database Version 3,51
Acquisition Mode Unknown

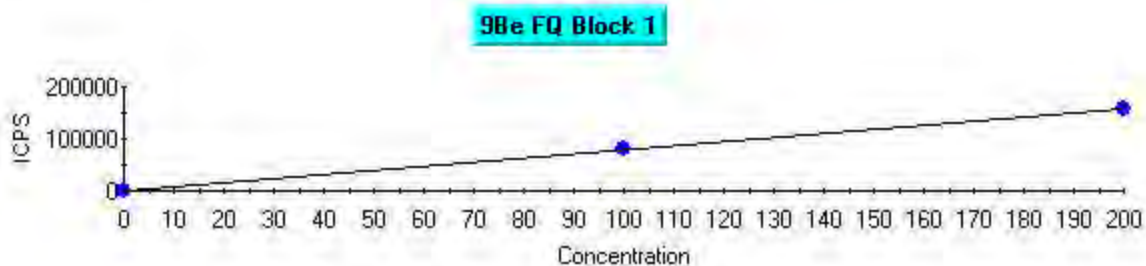
Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.

Underlining indicates that a data warning flag is set.

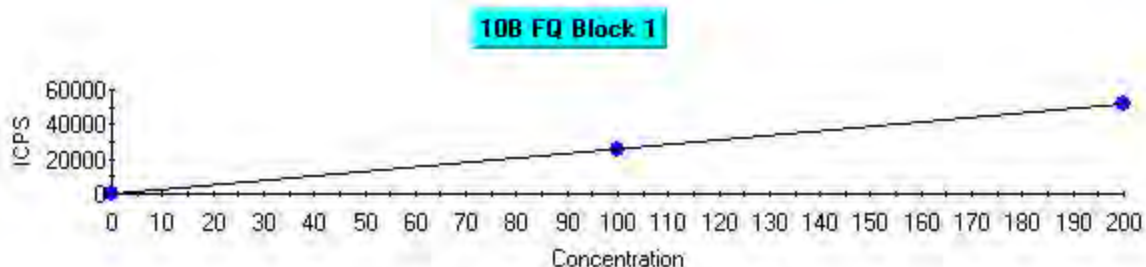
Column headings	Result cells	Data warning flags
No flag	Internal Standard	I - Invalid calibration
Semi Quant	Excluded	T - Tripped
Standard Addition	QC Warning	F - Interference correction failed
Multi Element	QC Failure	M - Result over max
	Transient TRA only:	V - Valley integration failed
	Peak Not Found	D - Different method used
	Manually Edited	
	Merged Peak	

Fully Quant Calibration



Intercept CPS=8.524257 Intercept Conc=0.010699
 Sensitivity=796.744382 Correlation Coeff=0.999993

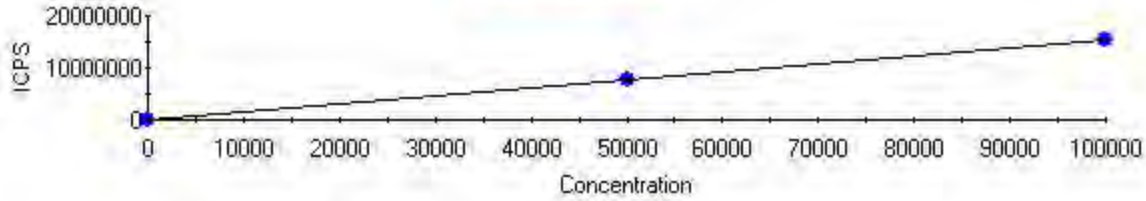
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	8.52	0.00
STD2-727016,	100.000	100.516	0.516	80094.47	0.52
STD3-664982,	200.000	199.742	0.258	159151.65	0.13



Intercept CPS=464.532816 Intercept Conc=1.803709
 Sensitivity=257.543048 Correlation Coeff=0.999587

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	464.53	0.00
STD2-727016,	100.000	95.978	4.022	25182.91	4.02
STD4-664981,	200.000	202.011	2.011	52491.11	1.01

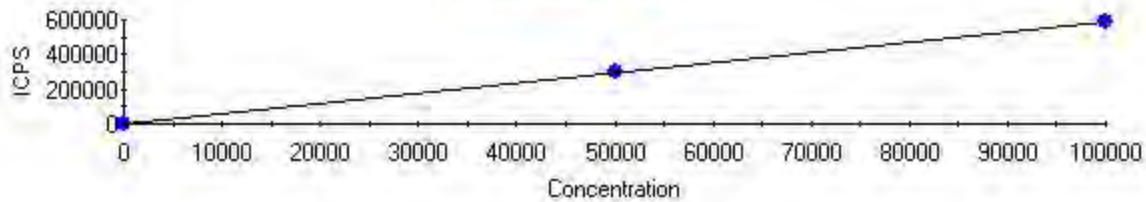
23Na FQ Block 1



Intercept CPS=1323.449120 Intercept Conc=8.560799
Sensitivity=154.594108 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1323.45	0.00
STD2-727016,	50000.000	50206.307	206.307	7762922.64	0.41
STD3-664982,	100000.000	99896.847	103.153	15444787.39	0.10

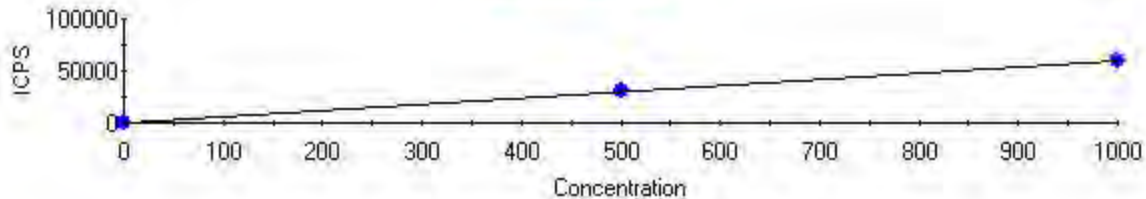
25Mg FQ Block 1



Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=5.929676 Correlation Coeff=0.999839

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	0.00	0.00
STD2-727016,	50000.000	51235.766	1235.766	303811.50	2.47
STD3-664982,	100000.000	99382.117	617.883	589303.76	0.62

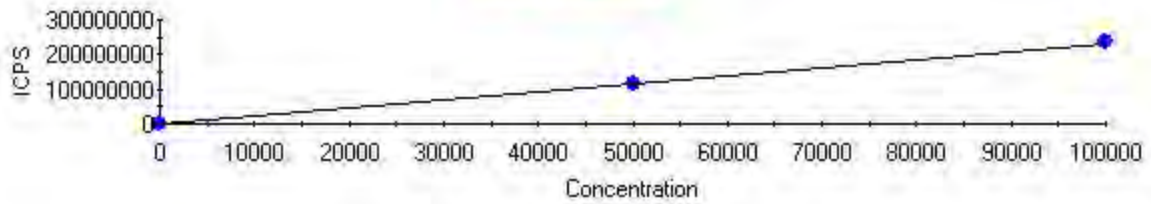
27Al FQ Block 1



Intercept CPS=50.015592 Intercept Conc=0.837372
Sensitivity=59.729203 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	50.02	0.00
STD2-727016,	500.000	500.952	0.952	29971.50	0.19
STD3-664982,	1000.000	999.524	0.476	59750.78	0.05

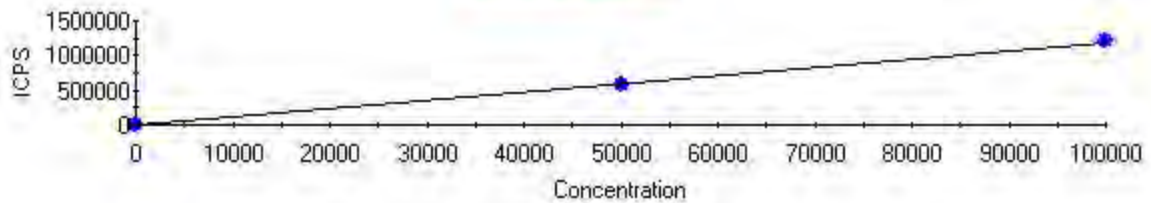
39K FQ Block 1



Intercept CPS=49087.270926 Intercept Conc=21.066638
Sensitivity=2330.095188 Correlation Coeff=0.999962

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	49087.27	0.00
STD2-727016,	50000.000	49393.089	606.911	115139686.05	1.21
STD3-664982,	100000.000	100303.456	303.456	233765686.34	0.30

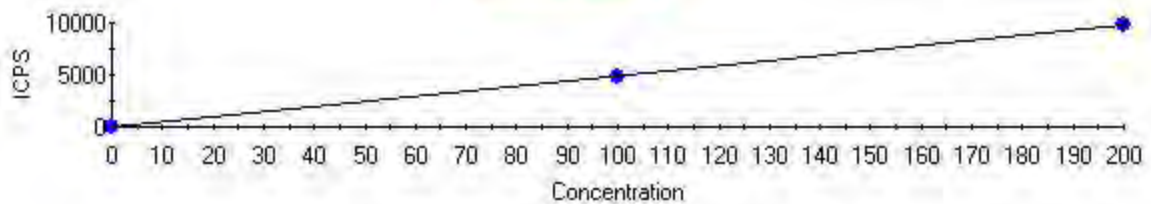
43Ca FQ Block 1



Intercept CPS=280.166271 Intercept Conc=23.516290
Sensitivity=11.913711 Correlation Coeff=0.999766

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	280.17	0.00
STD2-727016,	50000.000	48490.503	1509.497	577981.99	3.02
STD3-664982,	100000.000	100754.748	754.748	1200643.07	0.75

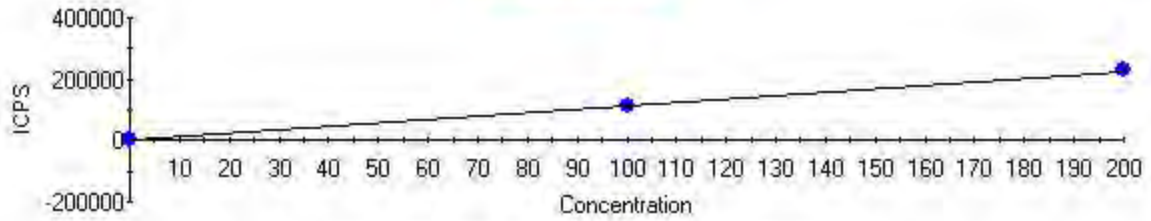
47Ti FQ Block 1



Intercept CPS=2.222487 Intercept Conc=0.045631
Sensitivity=48.705492 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2.22	0.00
STD2-727016,	100.000	99.621	0.379	4854.32	0.38
STD4-664981,	200.000	200.189	0.189	9752.55	0.09

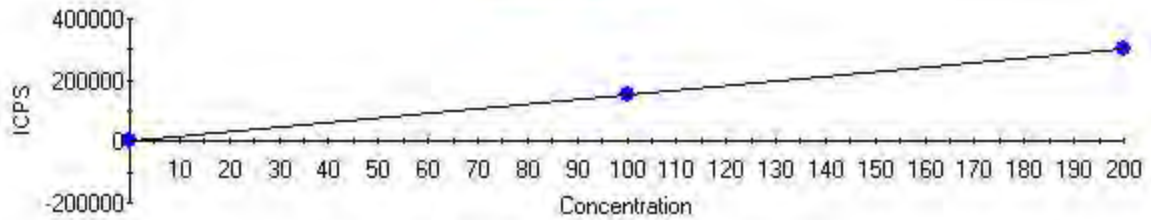
51V FQ Block 1



Intercept CPS=-306.282364 Intercept Conc=-0.270023
Sensitivity=1134.282933 Correlation Coeff=0.999967

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-306.28	0.00
STD2-727016,	100.000	98.876	1.124	111847.54	1.12
STD3-664982,	200.000	200.562	0.562	227187.54	0.28

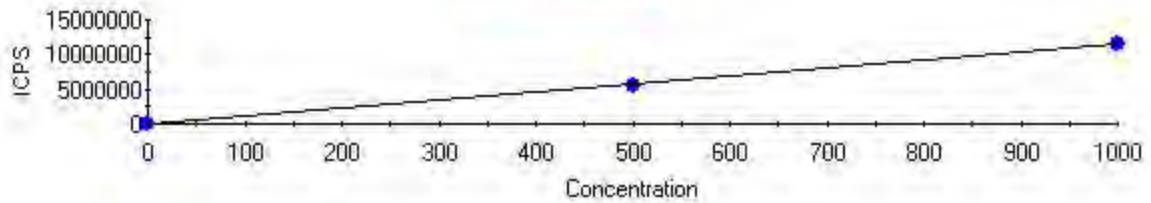
52Cr FQ Block 1



Intercept CPS=-816.567335 Intercept Conc=-0.538692
Sensitivity=1515.834652 Correlation Coeff=0.999990

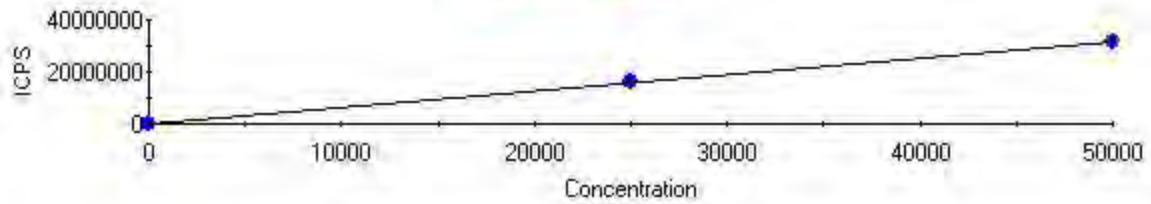
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-816.57	0.00
STD2-727016,	100.000	99.367	0.633	149807.94	0.63
STD3-664982,	200.000	200.316	0.316	302829.84	0.16

55Mn FQ Block 1



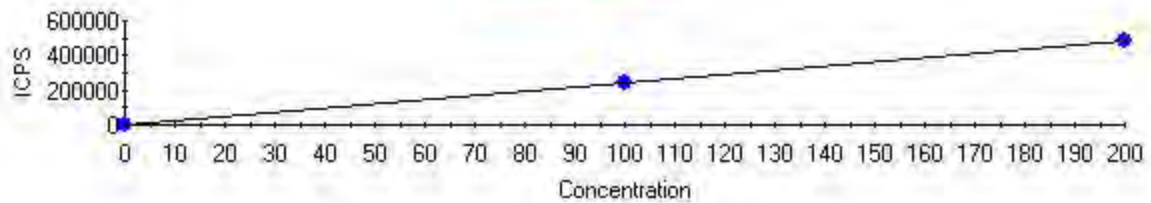
Intercept CPS=1447.095033 Intercept Conc=0.125425
Sensitivity=11537.565627 Correlation Coeff=0.999794

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1447.10	0.00
STD2-727016,	500.000	485.848	14.152	5606948.65	2.83
STD3-664982,	1000.000	1007.076	7.076	11620653.35	0.71

56Fe FQ Block 1

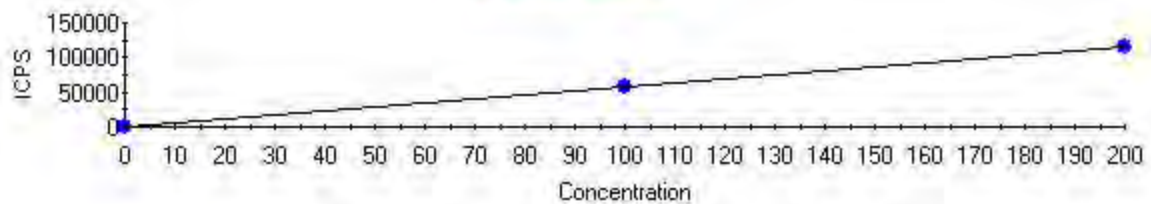
Intercept CPS=2214.459410 Intercept Conc=3.520584
Sensitivity=629.003471 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2214.46	0.00
STD2-727016,	25000.000	25129.577	129.577	15808805.87	0.52
STD3-664982,	50000.000	49935.211	64.789	31411635.69	0.13

59Co FQ Block 1

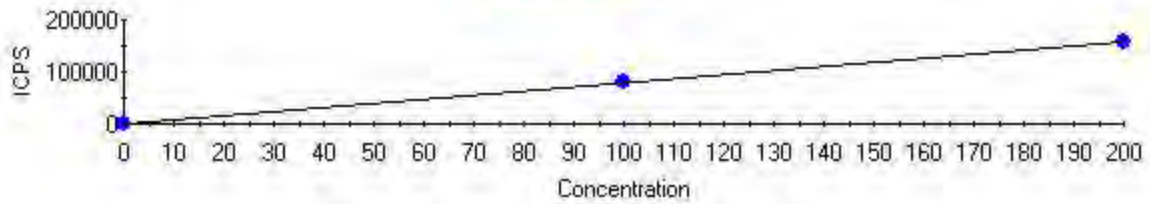
Intercept CPS=1.111997 Intercept Conc=0.000458
Sensitivity=2430.526430 Correlation Coeff=0.999983

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1.11	0.00
STD2-727016,	100.000	99.201	0.799	241112.74	0.80
STD3-664982,	200.000	200.399	0.399	487076.90	0.20

60Ni FQ Block 1

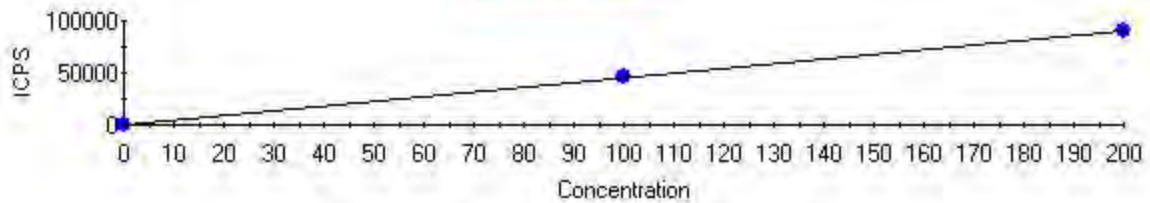
Intercept CPS=14.449967 Intercept Conc=0.025285
Sensitivity=571.492451 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	14.45	0.00
STD2-727016,	100.000	100.504	0.504	57451.70	0.50
STD3-664982,	200.000	199.748	0.252	114168.94	0.13

65Cu FQ Block 1

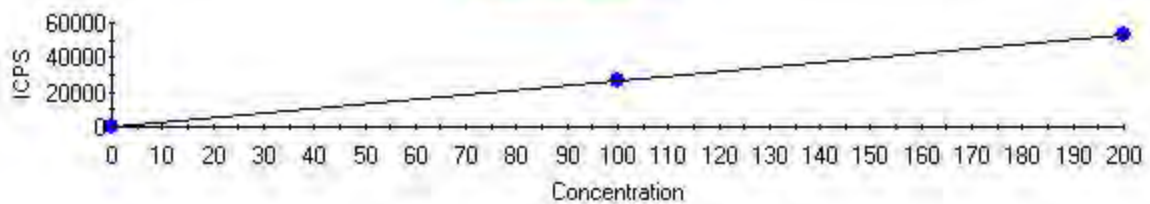
Intercept CPS=33.326521 Intercept Conc=0.042335
Sensitivity=787.208661 Correlation Coeff=0.999944

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	33.33	0.00
STD2-727016,	100.000	101.460	1.460	79903.46	1.46
STD3-664982,	200.000	199.270	0.730	156900.42	0.36

66Zn FQ Block 1

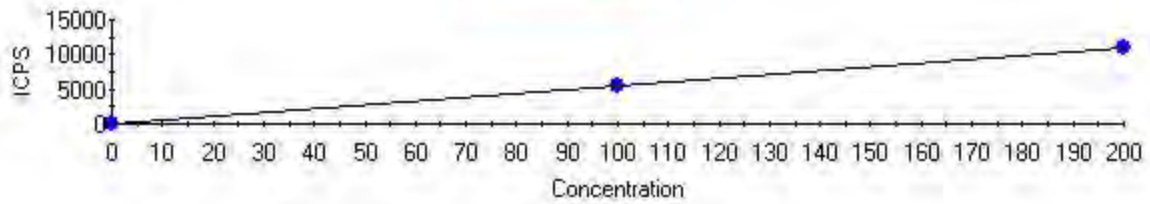
Intercept CPS=554.401353 Intercept Conc=1.231301
Sensitivity=450.256716 Correlation Coeff=0.999810

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	554.40	0.00
STD2-727016,	100.000	102.682	2.682	46787.66	2.68
STD3-664982,	200.000	198.659	1.341	90001.95	0.67

75As FQ Block 1

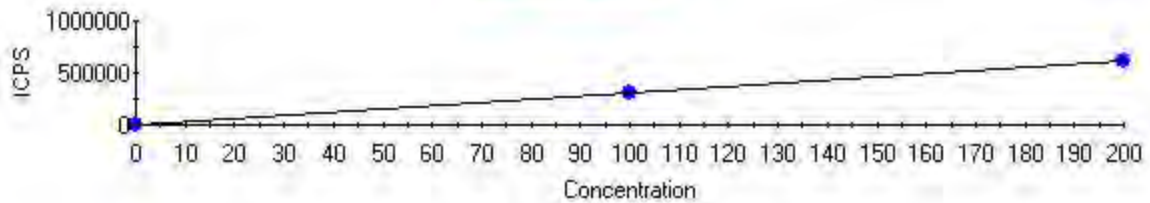
Intercept CPS=488.195917 Intercept Conc=1.847894
Sensitivity=264.190417 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	488.20	0.00
STD2-727016,	100.000	98.993	1.007	26641.32	1.01
STD3-664982,	200.000	200.503	0.503	53459.24	0.25

78Se FQ Block 1

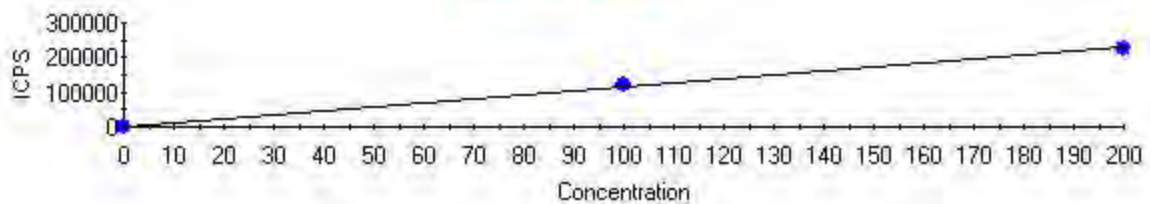
Intercept CPS=11.763301 Intercept Conc=0.215661
Sensitivity=54.545316 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	11.76	0.00
STD2-727016,	100.000	100.902	0.902	5515.47	0.90
STD3-664982,	200.000	199.549	0.451	10896.24	0.23

88Sr FQ Block 1

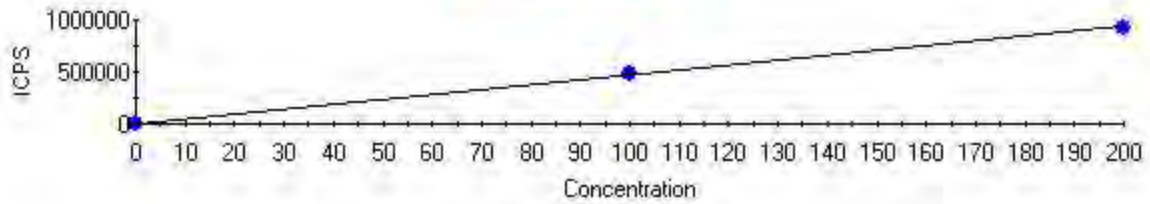
Intercept CPS=64.440849 Intercept Conc=0.021141
Sensitivity=3048.075964 Correlation Coeff=0.999939

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	64.44	0.00
STD2-727016,	100.000	98.462	1.538	300183.37	1.54
STD3-664982,	200.000	200.769	0.769	612023.97	0.38

95Mo FQ Block 1

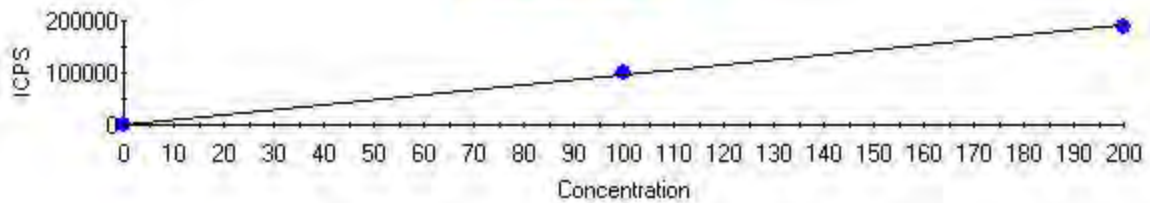
Intercept CPS=625.578500 Intercept Conc=0.545508
Sensitivity=1146.780605 Correlation Coeff=0.999442

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	625.58	0.00
STD2-727016,	100.000	104.576	4.576	120551.57	4.58
STD4-664981,	200.000	197.712	2.288	227357.73	1.14

107Ag FQ Block 1

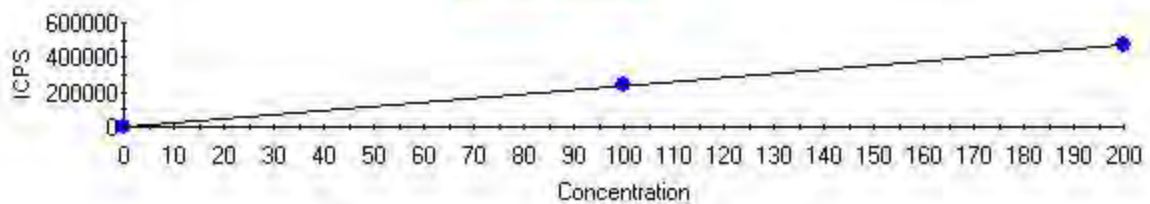
Intercept CPS=7.788744 Intercept Conc=0.001665
Sensitivity=4677.562500 Correlation Coeff=0.999830

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	7.79	0.00
STD2-727016,	100.000	102.541	2.541	479650.21	2.54
STD3-664982,	200.000	198.729	1.271	929577.20	0.64

111Cd FQ Block 1

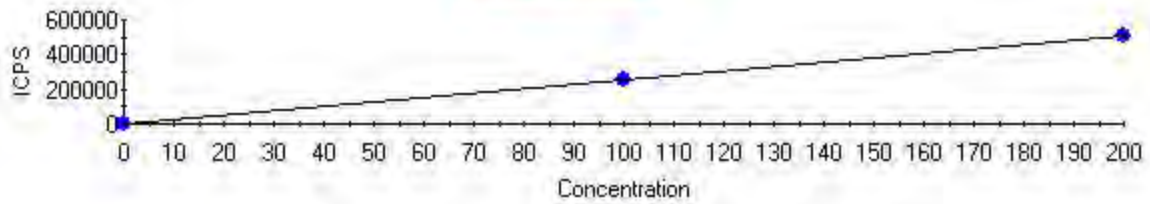
Intercept CPS=11.843653 Intercept Conc=0.012369
Sensitivity=957.525389 Correlation Coeff=0.999710

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	11.84	0.00
STD2-727016,	100.000	103.309	3.309	98932.66	3.31
STD3-664982,	200.000	198.346	1.654	189932.78	0.83

118Sn FQ Block 1

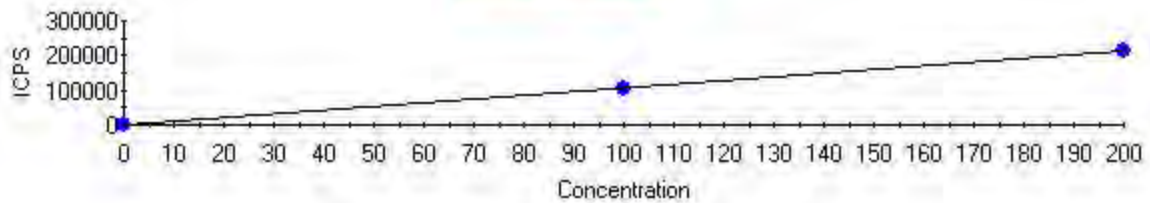
Intercept CPS=259.965633 Intercept Conc=0.110167
Sensitivity=2359.736433 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	259.97	0.00
STD2-727016,	100.000	100.164	0.164	236619.58	0.16
STD4-664981,	200.000	199.918	0.082	472014.27	0.04

121Sb FQ Block 1

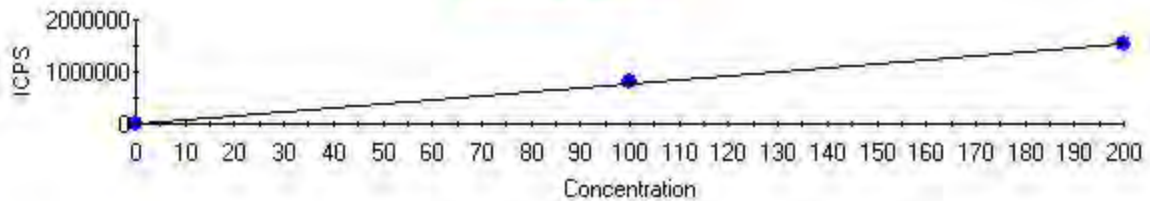
Intercept CPS=34.460279 Intercept Conc=0.013682
Sensitivity=2518.629719 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	34.46	0.00
STD2-727016,	100.000	100.689	0.689	253633.70	0.69
STD4-664981,	200.000	199.655	0.345	502892.27	0.17

137Ba FQ Block 1

Intercept CPS=194.503009 Intercept Conc=0.182347
Sensitivity=1066.665488 Correlation Coeff=0.999977

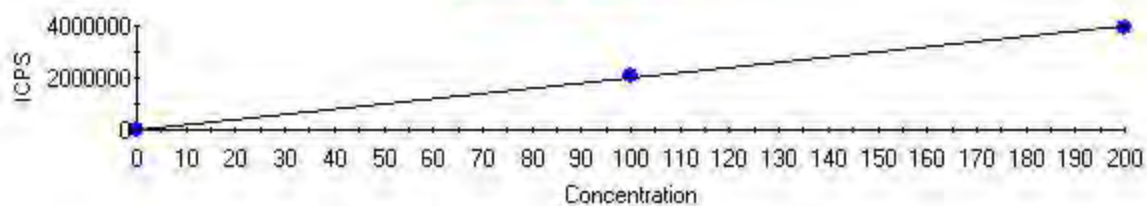
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	194.50	0.00
STD2-727016,	100.000	99.062	0.938	105860.16	0.94
STD3-664982,	200.000	200.469	0.469	214028.05	0.23

182W FQ Block 1

Intercept CPS=317.827802 Intercept Conc=0.040900
Sensitivity=7770.922289 Correlation Coeff=0.999598

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	317.83	0.00
STD2-727016,	100.000	103.891	3.891	807647.37	3.89
STD4-664981,	200.000	198.054	1.946	1539383.63	0.97

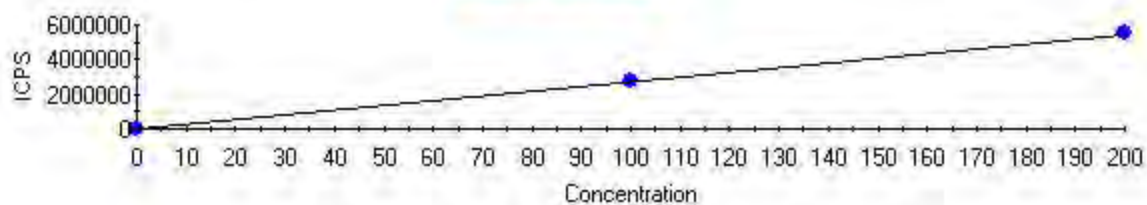
205Tl FQ Block 1



Intercept CPS=388.979563 Intercept Conc=0.019603
Sensitivity=19842.942729 Correlation Coeff=0.999655

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	388.98	0.00
STD2-727016,	100.000	103.607	3.607	2056262.06	3.61
STD3-664982,	200.000	198.196	1.804	3933188.12	0.90

208Pb FQ Block 1



Intercept CPS=660.996900 Intercept Conc=0.024154
Sensitivity=27366.093209 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	661.00	0.00
STD2-727016,	100.000	99.100	0.900	2712629.04	0.90
STD3-664982,	200.000	200.450	0.450	5486200.28	0.23

Dilution Corrected Concentrations

ICISM=6020 11/23/2012 09:28:34

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		100.000%	-0.000	0.000
%RSD		0.497	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.000%	100.000%	0.000
%RSD		1.511	0.376	0.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		100.000%	-0.000	0.000
%RSD		0.266	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.000	100.000%	0.000
%RSD		0.000	0.573	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.000%	-0.000	-0.000
%RSD		0.355	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.000	100.000%	
%RSD		0.000	0.592	

STD2-727016, 11/23/2012 09:33:28

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		93.850%	100.500	95.980
%RSD		1.535	1.258	0.937
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±50210.000	51240.000	501.000
%RSD		±0.370	0.508	0.947
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±49390.000	48490.000
%RSD		±0.000	±0.528	0.268
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		95.924%	95.231%	99.620
%RSD		0.296	0.252	1.743
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.880	99.370	10.700
%RSD		1.627	0.287	4.654
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±485.800	±25130.000	99.200
%RSD		±0.190	±0.146	1.259
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.500	101.500	102.700
%RSD		0.709	0.555	0.335
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.221%	98.990	-0.780
%RSD		0.300	0.708	8.237
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.900	98.460	104.600
%RSD		0.525	0.954	0.823
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	102.500	39.190
%RSD		0.000	1.175	37.690
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		103.300	93.983%	100.200
%RSD		1.478	0.582	0.460
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.700	99.060	0.000
%RSD		0.312	0.545	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.760%	103.900	103.600
%RSD		0.319	0.579	0.204
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		99.100	89.427%	
%RSD		0.576	0.230	

STD3-664982, 11/23/2012 09:40:37

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		96.398%	M 199.700	0.763
%RSD		1.035	M 0.690	49.090
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 99900.000	99380.000	M 999.500
%RSD		TM 0.222	0.192	M 1.103
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	TM 100300.000	M 100800.000
%RSD		T 0.000	TM 2.329	M 2.054
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 98.543%	105.718%	0.127
%RSD		T 0.827	0.974	128.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 200.600	M 200.300	26.160
%RSD		M 0.225	M 0.276	0.264
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1007.000	TM 49940.000	M 200.400
%RSD		TM 1.797	TM 0.129	M 0.384
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 199.700	M 199.300	198.700
%RSD		M 0.239	M 1.056	0.467
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		99.180%	M 200.500	-0.892
%RSD		0.867	M 0.570	28.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 199.500	M 200.800	0.916
%RSD		M 0.660	M 0.764	10.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	198.700	97.250
%RSD		0.000	0.208	64.030
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		198.300	101.233%	0.127
%RSD		0.672	0.817	9.370
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.226	M 200.500	0.000
%RSD		9.630	M 0.149	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.502%	0.681	T 198.200
%RSD		0.308	11.040	T 0.385
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		M 200.500	88.120%	
%RSD		M 0.181	0.740	

STD4-664981, 11/23/2012 09:47:46

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		92.790%	0.115	<u>M</u> 202.000
%RSD		0.440	13.510	<u>M</u> 0.992
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		57.390	57.110	6.154
%RSD		3.102	6.546	8.042
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>r</u> 0.000	56.390	56.990
%RSD		<u>r</u> 0.000	1.723	13.120
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.256%	94.181%	<u>M</u> 200.200
%RSD		0.548	0.251	<u>M</u> 2.009
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.249	0.223	-1.632
%RSD		84.550	15.960	32.150
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.021	40.920	0.101
%RSD		2.051	6.239	8.917
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.286	0.392	1.203
%RSD		18.430	9.304	9.237
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.571%	0.085	0.419
%RSD		0.206	162.900	11.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.111	0.186	197.700
%RSD		36.360	3.940	0.743
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.118	13.540
%RSD		0.000	12.830	12.710
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.060	95.086%	<u>M</u> 199.900
%RSD		84.040	0.339	<u>M</u> 0.165
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		199.700	0.191	0.000
%RSD		0.101	6.432	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.344%	198.100	0.579
%RSD		0.137	0.822	5.789
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.174	97.576%	
%RSD		1.648	0.227	

ICV-665060, 11/23/2012 09:52:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		93.401%	103.180%	99.413%
%RSD		0.285	1.118	2.047
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.167%	103.230%	103.391%
%RSD		0.484	0.353	0.396
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	99.959%	99.871%
%RSD		0.000	0.742	0.288
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.488%	96.836%	105.566%
%RSD		0.521	1.263	3.962
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.337%	100.278%	7.422
%RSD		1.245	0.838	23.880
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.273%	101.262%	99.835%
%RSD		0.375	0.252	0.181
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.202%	102.861%	108.109%
%RSD		1.000	1.022	1.862
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.309%	99.797%	-0.068
%RSD		1.235	0.262	246.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		102.683%	97.871%	105.551%
%RSD		0.928	0.655	1.921
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.665%	31.930
%RSD		0.000	0.589	120.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		104.202%	94.297%	100.225%
%RSD		1.925	0.138	0.453
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		103.057%	100.321%	0.000
%RSD		1.425	0.538	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.998%	107.378%	105.432%
%RSD		0.784	0.280	0.495
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.525%	89.565%	
%RSD		0.535	0.639	

ICB 11/23/2012 09:59:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.381%	0.002	0.798
%RSD		0.160	77.660	37.940
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2.038	0.413	0.373
%RSD		27.460	86.600	24.390
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	2.009	15.400
%RSD		±0.000	25.490	10.220
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.827%	90.660%	0.055
%RSD		0.629	0.370	78.550
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.065	-0.028	-0.556
%RSD		119.900	125.600	19.660
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.059	5.637	0.002
%RSD		5.468	15.480	56.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.009	0.024	0.632
%RSD		146.800	73.040	20.020
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.875%	0.074	0.037
%RSD		0.524	90.200	47.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.038	0.011	0.653
%RSD		147.100	72.940	11.640
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.423
%RSD		0.000	111.400	197.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.006	92.074%	0.101
%RSD		133.500	0.383	40.510
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.117	0.010	0.000
%RSD		7.157	153.600	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.122%	0.813	0.350
%RSD		0.146	7.939	4.759
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.022	94.578%	
%RSD		16.270	0.830	

CRI -751770, 11/23/2012 10:04:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.359%	98.619%	107.024%
%RSD		0.319	5.122	2.940
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		106.856%	104.982%	107.365%
%RSD		0.391	2.758	4.955
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	102.926%	99.035%
%RSD		±0.000	0.264	0.329
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.224%	88.841%	101.633%
%RSD		0.357	0.654	9.328
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.964%	97.691%	-0.320
%RSD		2.917	1.051	54.930
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		106.735%	114.878%	102.421%
%RSD		0.978	0.769	3.388
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		104.165%	111.521%	106.922%
%RSD		6.145	1.496	2.949
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.979%	101.115%	-0.054
%RSD		1.157	9.504	65.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.392%	94.409%	99.307%
%RSD		6.040	0.527	0.571
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	110.242%	1.583
%RSD		0.000	1.770	261.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.470%	90.376%	98.232%
%RSD		7.864	0.026	0.429
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.796%	113.772%	0.000
%RSD		1.706	1.927	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.148%	100.695%	121.173%
%RSD		0.477	0.643	1.243
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		97.354%	92.699%	
%RSD		1.045	0.419	

ICSA-726956, 11/23/2012 10:09:51 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.627%	0.007	0.418
%RSD		0.621	38.660	39.030
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		51410.000	51640.000	50100.000
%RSD		0.256	0.984	0.452
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	50000.000	50380.000
%RSD		0.000	0.529	0.129
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.633%	91.216%	1042.000
%RSD		0.216	1.489	1.404
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.034	0.513	-0.282
%RSD		1291.000	3.698	343.700
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.082	50610.000	0.089
%RSD		13.980	0.706	18.540
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.345	0.321	0.870
%RSD		14.280	3.249	5.781
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.887%	0.353	-0.069
%RSD		0.994	17.340	27.840
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.036	0.167	985.500
%RSD		102.000	5.216	1.626
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.027	57.850
%RSD		0.000	55.910	3.375
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.079	92.163%	0.056
%RSD		71.510	1.206	14.570
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.195	0.043	0.000
%RSD		16.470	69.850	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.931%	0.490	0.189
%RSD		1.216	8.878	2.636
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.167	87.682%	
%RSD		0.125	1.680	

ICSAB-723527, 11/23/2012 10:18:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.897%	102.928%	99.336%
%RSD		0.704	0.803	1.572
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>103.398%</u>	104.543%	<u>101.082%</u>
%RSD		<u>1.474</u>	1.190	<u>0.912</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>100.080%</u>	100.596%
%RSD		<u>0.000</u>	<u>0.185</u>	0.276
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.793%	95.402%	<u>105.149%</u>
%RSD		0.709	1.409	<u>0.582</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.718%	101.433%	11.100
%RSD		0.601	0.433	18.040
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		107.158%	<u>101.687%</u>	99.621%
%RSD		0.309	<u>0.679</u>	1.200
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.670%	99.007%	103.701%
%RSD		1.271	1.252	0.912
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.868%	97.890%	-0.474
%RSD		1.174	0.533	14.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.409%	97.015%	<u>1093.000</u>
%RSD		0.146	0.288	<u>1.108</u>
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.897%	88.400
%RSD		0.000	0.486	37.690
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.502%	96.596%	101.606%
%RSD		0.948	0.763	0.916
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.438%	102.160%	0.000
%RSD		0.153	1.003	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.083%	104.284%	105.405%
%RSD		0.865	0.879	0.425
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.228%	91.761%	
%RSD		0.710	0.597	

CCV 11/23/2012 10:25:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		93.295%	102.503%	99.303%
%RSD		0.184	0.621	1.044
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.768%	101.095%	101.647%
%RSD		0.167	0.348	1.332
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	97.146%	98.014%
%RSD		0.000	0.567	0.376
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		95.804%	95.145%	102.558%
%RSD		0.420	0.207	5.406
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.454%	99.328%	10.610
%RSD		0.627	0.335	19.940
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.039%	100.107%	98.959%
%RSD		0.420	0.841	0.928
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.928%	100.690%	104.649%
%RSD		1.588	1.496	0.923
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.137%	99.517%	-0.752
%RSD		0.405	0.198	50.850
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.302%	98.744%	117.581%
%RSD		1.695	1.365	1.667
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.364%	78.010
%RSD		0.000	0.674	36.090
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.561%	93.591%	99.483%
%RSD		0.546	0.506	1.271
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.540%	99.632%	0.000
%RSD		1.175	0.303	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.993%	105.375%	103.981%
%RSD		0.838	0.700	0.642
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		98.860%	88.951%	
%RSD		0.393	0.434	

CCB 11/23/2012 10:32:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.410%	0.005	0.421
%RSD		0.542	43.930	53.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2.808	1.640	0.725
%RSD		13.480	57.830	26.900
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	2.983	8.406
%RSD		±0.000	18.120	65.140
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.903%	91.741%	0.128
%RSD		0.740	0.888	87.850
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.133	-0.060	-1.297
%RSD		206.100	75.990	53.060
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.087	7.805	0.007
%RSD		8.080	18.310	34.750
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.002	0.010	0.331
%RSD		874.200	135.000	46.370
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.575%	-0.012	0.041
%RSD		0.488	873.600	141.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.044	0.012	3.071
%RSD		224.400	53.910	8.260
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.722
%RSD		0.000	90.100	86.260
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.004	92.906%	0.107
%RSD		349.400	0.408	32.180
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.177	-0.002	0.000
%RSD		3.016	528.100	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.614%	0.904	0.391
%RSD		0.412	9.497	7.637
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.023	95.799%	
%RSD		9.992	0.174	

2XLCS 11/23/2012 10:37:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.804%	<u>M</u> 2092.000	<u>M</u> 200.000
%RSD		0.459	<u>M</u> 0.623	<u>M</u> 0.590
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		21230.000	20990.000	<u>M</u> 20470.000
%RSD		0.497	0.617	<u>M</u> 0.076
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 20060.000	19630.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.370	0.885
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.453%	89.705%	<u>M</u> 208.500
%RSD		0.533	1.168	<u>M</u> 0.983
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 1973.000	<u>M</u> 2018.000	265.300
%RSD		<u>M</u> 0.122	<u>M</u> 0.124	1.027
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 2055.000	<u>T</u> 20490.000	<u>TM</u> 1867.000
%RSD		<u>TM</u> 0.422	<u>T</u> 0.275	<u>TM</u> 0.238
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 1968.000	<u>M</u> 2034.000	<u>M</u> 2136.000
%RSD		<u>M</u> 0.374	<u>M</u> 0.316	<u>M</u> 0.627
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.223%	<u>M</u> 1985.000	-13.920
%RSD		0.965	<u>M</u> 0.261	4.721
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M</u> 2051.000	<u>TM</u> 1812.000	196.800
%RSD		<u>M</u> 0.223	<u>TM</u> 0.256	1.855
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	<u>M</u> 208.600	1295.000
%RSD		0.000	<u>M</u> 0.334	10.070
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M</u> 2090.000	91.033%	<u>M</u> 202.900
%RSD		<u>M</u> 0.227	0.635	<u>M</u> 0.333
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		<u>M</u> 203.400	<u>M</u> 2015.000	0.000
%RSD		<u>M</u> 0.384	<u>M</u> 0.378	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.106%	<u>M</u> 201.700	<u>TM</u> 478.700
%RSD		0.734	<u>M</u> 0.932	<u>TM</u> 0.679
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1838.000	91.170%	
%RSD		<u>TM</u> 0.251	0.473	

BLANK 11/23/2012 10:45:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.154%	0.045	0.791
%RSD		0.621	17.140	34.780
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.851	1.048	-0.109
%RSD		16.930	34.710	173.600
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	7.179	23.310
%RSD		±0.000	9.308	18.280
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.831%	89.424%	0.235
%RSD		0.712	0.100	18.820
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.030	-0.058	-1.531
%RSD		164.700	72.110	14.420
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.032	4.235	0.006
%RSD		27.270	26.170	97.360
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.023	0.082	0.969
%RSD		168.500	36.200	26.750
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.818%	0.112	0.043
%RSD		1.073	76.660	113.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.379	0.009	2.028
%RSD		23.540	55.300	13.120
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	-0.107
%RSD		0.000	13.000	640.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.008	90.506%	0.277
%RSD		103.700	0.125	17.200
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.580	0.018	0.000
%RSD		14.130	178.600	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.271%	1.956	0.821
%RSD		0.343	12.390	9.527
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.037	94.633%	
%RSD		3.381	0.216	

10000 PPB 11/23/2012 10:51:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.713%	TM 9923.000	M 9642.000
%RSD		0.249	TM 0.384	M 0.238
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2.113	0.627	2.319
%RSD		5.196	173.200	12.120
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	15.530	-2623.000
%RSD		± 0.000	3.418	0.358
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.261%	90.168%	0.157
%RSD		0.386	0.508	111.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		TM 8559.000	TM 9053.000	1789.000
%RSD		TM 0.149	TM 0.007	2.086
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 9785.000	3.060	TM 8930.000
%RSD		TM 0.058	13.630	TM 0.151
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		TM 9059.000	TM 9193.000	TM 9794.000
%RSD		TM 0.576	TM 0.503	TM 0.301
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.612%	M 9221.000	-69.310
%RSD		0.320	M 0.210	2.694
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 9974.000	TM 8612.000	0.512
%RSD		M 0.346	TM 0.140	3.935
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.040	5582.000
%RSD		0.000	8.956	13.850
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		TM 9205.000	94.950%	0.059
%RSD		TM 0.285	0.315	25.940
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.319	TM 8761.000	0.000
%RSD		2.054	TM 0.025	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.250%	0.611	TM 8913.000
%RSD		0.359	3.748	TM 0.380
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 8435.000	99.399%	
%RSD		TM 0.196	0.454	

BLANK 11/23/2012 10:58:25 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.318%	0.539	43.420
%RSD		0.568	5.884	3.445
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3.195	4.184	2.055
%RSD		10.600	85.000	31.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	12.470	37.970
%RSD		±0.000	1.017	7.415
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.265%	89.334%	0.082
%RSD		0.162	0.581	54.250
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.748	0.108	-1.963
%RSD		12.120	25.590	11.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.407	3.101	0.229
%RSD		1.621	9.868	14.580
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.206	0.417	1.416
%RSD		23.340	8.327	15.990
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.379%	0.743	0.050
%RSD		0.302	34.660	132.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.205	0.198	0.302
%RSD		21.340	5.821	6.279
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.021	0.560
%RSD		0.000	20.950	88.250
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.234	90.110%	0.047
%RSD		4.165	0.033	35.290
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.145	0.220	0.000
%RSD		12.670	27.590	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.726%	0.382	0.419
%RSD		0.310	8.384	1.367
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.264	93.571%	
%RSD		4.863	0.364	

AL FE 500 PPM 11/23/2012 11:04:20 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		116.556%	0.139	20.790
%RSD		0.865	3.970	2.616
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9.345	1.556	TM 521900.000
%RSD		9.220	46.000	TM 0.043
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	8.925	413.700
%RSD		<u>0.000</u>	5.305	0.709
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>114.224%</u>	120.608%	0.479
%RSD		<u>1.792</u>	1.760	22.740
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.072	4.732	0.493
%RSD		147.800	1.248	34.850
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		7.835	TM 531500.000	8.034
%RSD		1.165	TM 0.438	0.805
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		6.848	0.780	3.324
%RSD		1.407	9.129	4.058
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		133.627%	0.847	0.126
%RSD		2.158	6.665	40.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.414	0.025	0.724
%RSD		10.040	21.620	2.592
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.030	0.798
%RSD		0.000	10.750	141.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.020	126.106%	0.294
%RSD		66.040	1.247	7.293
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.611	0.071	0.000
%RSD		5.793	26.580	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.282%	0.307	1.483
%RSD		1.840	3.578	1.455
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.187	93.412%	
%RSD		3.983	1.474	

SALTS 500 PPM 11/23/2012 11:09:19 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		130.023%	0.107	12.520
%RSD		0.700	5.859	3.566
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>TM 478400.000</u>	<u>TM 446600.000</u>	25.470
%RSD		<u>TM 0.243</u>	<u>TM 0.326</u>	10.170
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 478200.000</u>	<u>TM 469700.000</u>
%RSD		<u>TM 0.000</u>	<u>TM 0.196</u>	<u>TM 0.141</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>-159.761%</u>	<u>144.761%</u>	19.380
%RSD		<u>TM 1.368</u>	<u>0.884</u>	9.293
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.184	0.782	0.077
%RSD		71.000	6.428	626.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		17.750	-163.900	0.333
%RSD		0.605	5.202	3.963
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.567	1.673	1.750
%RSD		4.320	7.424	3.701
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		<u>120.526%</u>	1.537	0.211
%RSD		<u>1.511</u>	0.774	49.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.243	3.140	0.029
%RSD		13.590	1.899	92.710
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.080	-1.583
%RSD		0.000	11.290	349.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.434	118.583%	0.837
%RSD		1.474	<u>0.885</u>	2.052
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.105	34.180	0.000
%RSD		4.219	0.911	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		109.671%	0.195	0.252
%RSD		<u>0.921</u>	4.586	4.324
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.596	81.312%	
%RSD		<u>0.314</u>	<u>1.373</u>	

BLANK 11/23/2012 11:14:44 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		133.523%	4.222	14.590
%RSD		0.351	2.737	3.297
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		17.090	12.880	5.291
%RSD		6.845	5.029	3.421
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	32.990	39.160
%RSD		10.000	2.855	7.905
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		130.652%	117.776%	0.052
%RSD		10.321	1.391	132.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		2.620	2.306	2.366
%RSD		4.914	6.915	10.510
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		4.355	10.320	2.453
%RSD		4.030	0.861	5.236
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.442	2.612	3.383
%RSD		4.294	6.641	7.810
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		115.049%	2.713	0.053
%RSD		1.058	5.785	20.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.684	2.380	-0.085
%RSD		1.782	3.642	62.060
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.024	4.859
%RSD		0.000	12.460	121.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.531	112.431%	0.018
%RSD		0.642	1.340	27.010
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.086	2.401	0.000
%RSD		6.041	4.735	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		107.605%	0.150	2.821
%RSD		1.132	5.112	2.606
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.517	108.697%	
%RSD		3.356	1.107	

CCV 11/23/2012 11:21:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		112.615%	104.204%	107.006%
%RSD		0.469	0.569	0.260
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.978%	103.321%	103.713%
%RSD		0.275	0.270	0.382
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.405%	98.424%
%RSD		0.000	0.563	0.273
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		110.841%	109.979%	101.362%
%RSD		1.085	0.288	2.845
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.874%	99.617%	9.677
%RSD		0.566	0.459	5.138
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.908%	103.668%	100.228%
%RSD		0.128	0.202	0.885
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.360%	102.003%	103.990%
%RSD		0.907	0.850	1.206
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		104.697%	101.857%	-0.858
%RSD		0.895	0.423	36.610
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		102.834%	99.661%	105.137%
%RSD		1.814	1.244	0.840
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	103.049%	66.380
%RSD		0.000	0.592	59.140
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		103.121%	103.354%	101.679%
%RSD		0.611	0.892	1.015
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.411%	102.521%	0.000
%RSD		0.435	0.499	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.663%	103.778%	103.209%
%RSD		0.571	0.564	0.486
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.081%	93.429%	
%RSD		0.201	0.359	

CCB 11/23/2012 11:28:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		108.104%	0.066	7.566
%RSD		0.696	6.567	10.770
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7.781	9.211	1.149
%RSD		13.200	56.980	13.200
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	9.193	17.370
%RSD		10.000	7.889	16.020
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		107.372%	103.953%	0.175
%RSD		10.209	0.508	95.360
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.005	-0.095	0.009
%RSD		3759.000	26.480	4994.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.131	9.549	0.019
%RSD		8.045	13.210	29.080
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.024	0.071	0.646
%RSD		49.480	44.460	13.140
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		101.809%	0.041	0.083
%RSD		0.144	62.050	22.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.052	0.030	0.445
%RSD		72.070	50.230	26.630
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.011	0.119
%RSD		0.000	34.230	404.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.008	100.978%	0.093
%RSD		80.660	0.362	41.940
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.140	0.000	0.000
%RSD		27.230	10630.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.459%	0.723	0.398
%RSD		0.452	10.770	3.240
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.037	100.070%	
%RSD		7.625	0.439	

OSM HIGH 11/23/2012 11:33:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.103%	0.235	6.753
%RSD		0.993	7.911	3.866
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		17.420	8.180	<u>TM 307700.000</u>
%RSD		1.388	27.050	<u>TM 0.121</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	15.420	<u>M 313600.000</u>
%RSD		<u>TM 0.000</u>	2.828	<u>M 0.385</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.699%	75.570%	1.189
%RSD		0.277	0.274	17.360
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>TM 4830.000</u>	<u>TM 4985.000</u>	917.200
%RSD		<u>TM 0.362</u>	<u>TM 0.512</u>	4.167
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 5476.000</u>	<u>TM 323700.000</u>	<u>TM 4772.000</u>
%RSD		<u>TM 0.043</u>	<u>TM 0.617</u>	<u>TM 0.746</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 4785.000</u>	<u>M 4522.000</u>	<u>M 4662.000</u>
%RSD		<u>M 0.878</u>	<u>M 0.853</u>	<u>M 0.462</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.247%	<u>M 4616.000</u>	0.075
%RSD		0.548	<u>M 0.178</u>	7.973
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.277	2.006	0.291
%RSD		53.000	3.119	20.540
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.047	-1.201
%RSD		0.000	16.550	565.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.341	83.346%	0.202
%RSD		6.521	0.782	25.310
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.959	<u>TM 4970.000</u>	0.000
%RSD		4.979	<u>TM 0.256</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.544%	0.379	0.342
%RSD		0.993	3.034	3.064
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 4773.000</u>	77.745%	
%RSD		<u>TM 0.282</u>	0.627	

Ti 10000 PPB 11/23/2012 11:38:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		94.438%	0.034	5.986
%RSD		0.641	32.660	4.443
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3.343	3.948	7.190
%RSD		34.240	34.980	11.870
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	16.090	61.770
%RSD		±0.000	2.853	5.772
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.359%	95.018%	M10170.000
%RSD		0.680	0.672	M1.238
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.362	-0.043	-1.063
%RSD		22.390	126.300	63.880
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.242	21.710	0.122
%RSD		6.453	25.880	10.570
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.159	0.897	3.182
%RSD		24.670	9.399	6.775
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		96.555%	0.958	0.021
%RSD		0.612	18.750	241.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.027	0.013	-0.152
%RSD		264.900	68.930	33.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	1.804
%RSD		0.000	2052.000	70.820
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.003	96.832%	0.035
%RSD		182.400	0.479	47.170
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.059	0.135	0.000
%RSD		6.755	10.570	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.376%	0.185	0.155
%RSD		0.771	12.170	5.983
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.186	99.950%	
%RSD		8.674	0.427	

SN 1000PPB 11/23/2012 11:43:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		93.659%	0.036	5.085
%RSD		0.711	22.650	10.720
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2.702	0.765	2.226
%RSD		15.370	42.910	39.760
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	76.800	104.100
%RSD		±0.000	1.645	7.486
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		96.913%	97.832%	6.598
%RSD		0.723	0.384	20.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.113	-0.078	-1.819
%RSD		185.400	39.000	30.350
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.215	4.023	0.141
%RSD		1.914	17.370	11.110
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.666	0.101	2.442
%RSD		11.440	11.630	4.914
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		98.962%	0.441	0.081
%RSD		0.767	13.350	69.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.104	0.027	-0.258
%RSD		19.270	50.360	6.462
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.902
%RSD		0.000	141.400	107.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.007	95.427%	™ 9873.000
%RSD		135.100	0.460	™ 0.087
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.373	0.258	0.000
%RSD		0.964	6.167	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.902%	0.167	0.122
%RSD		0.407	10.980	5.235
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.093	102.017%	
%RSD		12.520	0.874	

CCV 1 11/23/2012 11:48:43 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.411%	102.733%	101.968%
%RSD		0.175	0.519	1.502
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.631%	103.497%	101.495%
%RSD		0.897	0.098	1.475
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.133%	97.635%
%RSD		0.000	0.557	0.039
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.829%	89.840%	103.399%
%RSD		0.572	0.443	2.932
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.281%	99.465%	11.160
%RSD		1.194	0.797	10.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.452%	104.267%	99.458%
%RSD		0.260	0.454	1.249
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.115%	100.438%	103.395%
%RSD		1.024	1.111	1.164
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.913%	98.955%	-0.813
%RSD		1.247	0.698	65.390
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.409%	98.920%	104.639%
%RSD		1.421	0.572	0.771
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	103.311%	92.340
%RSD		0.000	0.578	31.880
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		104.598%	88.565%	121.312%
%RSD		0.516	0.468	3.278
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.382%	100.570%	0.000
%RSD		1.114	0.482	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.849%	104.881%	103.763%
%RSD		0.397	0.181	0.294
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.304%	86.660%	
%RSD		0.259	0.170	

CCB 1 11/23/2012 11:55:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.040%	0.054	4.392
%RSD		0.493	17.490	14.920
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13.800	10.450	2.439
%RSD		3.992	27.100	23.580
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	15.350	23.580
%RSD		±0.000	6.957	9.494
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.451%	89.691%	0.234
%RSD		0.383	0.098	18.780
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.013	-0.090	-1.479
%RSD		1118.000	10.130	59.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.206	12.350	0.036
%RSD		8.105	10.290	19.540
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.014	0.083	0.643
%RSD		124.500	24.110	36.260
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.172%	0.145	0.048
%RSD		0.479	70.500	21.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.053	0.048	0.296
%RSD		139.300	23.820	29.790
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.019	0.919
%RSD		0.000	34.290	45.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.027	90.432%	5.004
%RSD		44.140	0.421	7.781
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.136	0.017	0.000
%RSD		15.200	149.400	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.503%	0.654	0.376
%RSD		0.102	8.746	6.284
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.060	94.973%	
%RSD		7.095	0.225	

240-17230 -a-6-k@5, 11/23/2012 12:02:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.429%	1.773	12.810
%RSD		0.775	0.605	1.396
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		137.600	6626.000	<u>M</u> 23300.000
%RSD		1.319	0.320	<u>M</u> 0.759
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 2216.000	15940.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.703	0.750
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.881%	93.747%	155.700
%RSD		0.648	0.955	1.717
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		35.080	79.300	8.480
%RSD		1.773	0.092	24.030
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1123.000	<u>TM</u> 55200.000	19.980
%RSD		<u>TM</u> 0.056	<u>TM</u> 0.404	0.261
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		71.750	56.020	<u>M</u> 280.400
%RSD		1.043	1.150	<u>M</u> 0.779
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.101%	43.540	0.227
%RSD		0.809	0.646	31.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.458	52.080	6.619
%RSD		9.111	0.733	3.889
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.075	-14.440
%RSD		0.000	11.030	23.010
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.108	93.783%	6.624
%RSD		3.034	0.570	0.184
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.502	167.100	0.000
%RSD		4.440	0.287	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.842%	3.539	0.616
%RSD		1.175	0.304	2.962
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		153.000	95.275%	
%RSD		0.757	0.632	

SD 240-17230 -a-6-k@25, 11/23/2012 12:07:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.863%	0.389	5.466
%RSD		0.204	6.049	2.874
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		30.180	1397.000	M 4872.000
%RSD		4.085	1.322	M 0.298
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	496.500	3315.000
%RSD		10.000	0.029	1.218
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.843%	94.574%	31.030
%RSD		0.463	0.284	2.848
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		7.437	16.440	0.241
%RSD		5.166	2.052	403.400
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		238.600	T 11560.000	4.194
%RSD		0.325	10.313	0.852
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		15.090	11.780	60.650
%RSD		1.863	1.927	0.890
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.254%	9.228	0.093
%RSD		0.653	1.447	70.090
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.586	10.860	1.243
%RSD		19.850	0.806	3.149
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.017	-1.698
%RSD		0.000	15.660	207.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.244	94.868%	3.150
%RSD		11.870	0.571	2.645
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.749	34.600	0.000
%RSD		4.438	1.569	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.418%	0.885	0.230
%RSD		0.502	1.324	4.531
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		31.550	98.366%	
%RSD		0.314	0.231	

240-17230 -a-6-aa du@5, 11/23/2012 12:12:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.879%	1.673	12.250
%RSD		0.745	2.165	3.647
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		138.300	6490.000	<u>M</u> 22700.000
%RSD		0.536	1.325	<u>M</u> 0.582
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 2194.000	13850.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.582	1.262
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.695%	95.260%	167.900
%RSD		0.506	0.553	2.634
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		34.850	122.000	10.780
%RSD		1.778	0.378	14.740
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1075.000	<u>TM</u> 55970.000	20.780
%RSD		<u>TM</u> 0.657	<u>TM</u> 0.423	0.867
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		74.830	67.670	<u>M</u> 265.200
%RSD		1.272	1.159	<u>M</u> 0.332
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.156%	45.060	0.193
%RSD		0.702	0.170	72.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.512	42.270	7.116
%RSD		4.861	0.634	2.753
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.075	-10.500
%RSD		0.000	4.967	49.830
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.671	94.906%	36.180
%RSD		3.251	0.704	0.363
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.238	159.800	0.000
%RSD		1.605	0.428	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.151%	3.142	0.593
%RSD		1.009	2.185	3.187
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 429.100	92.730%	
%RSD		<u>TM</u> 1.073	0.885	

240-17230 -a-6-q ms@5, 11/23/2012 12:17:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.587%	22.520	32.060
%RSD		0.268	0.428	2.282
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2160.000	8995.000	<u>M</u> 30810.000
%RSD		0.706	0.600	<u>M</u> 0.546
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 5180.000	16460.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.521	0.608
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		96.286%	96.798%	<u>M</u> 201.000
%RSD		0.538	0.213	<u>M</u> 1.530
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		63.820	96.260	7.501
%RSD		0.810	0.387	14.610
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1186.000	<u>TM</u> 61230.000	40.160
%RSD		<u>TM</u> 0.104	<u>TM</u> 0.222	0.496
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.570	76.140	<u>M</u> 311.200
%RSD		1.924	0.652	<u>M</u> 0.381
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.356%	64.140	0.207
%RSD		1.241	0.731	11.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		21.520	70.240	23.740
%RSD		2.275	0.876	1.985
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	20.270	-13.900
%RSD		0.000	1.379	275.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		20.930	96.424%	21.840
%RSD		0.470	0.980	1.242
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		7.721	198.700	0.000
%RSD		1.101	0.537	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.164%	13.740	18.810
%RSD		0.516	1.444	0.617
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		160.600	96.369%	
%RSD		0.730	0.562	

PDS 240-17230 -a-6-k@5, 11/23/2012 12:22:48 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.413%	<u>M 1060.000</u>	114.200
%RSD		0.244	<u>M 0.408</u>	0.792
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10880.000	17070.000	<u>M 32460.000</u>
%RSD		0.500	0.831	<u>M 0.581</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 12750.000</u>	25170.000
%RSD		<u>T 0.000</u>	<u>T 0.595</u>	0.614
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.480%	90.983%	<u>M 258.700</u>
%RSD		0.161	0.396	<u>M 2.545</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 1020.000</u>	<u>M 1084.000</u>	129.600
%RSD		<u>M 0.413</u>	<u>M 0.692</u>	5.024
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 2107.000</u>	<u>TM 64040.000</u>	<u>M 1010.000</u>
%RSD		<u>TM 0.230</u>	<u>TM 1.018</u>	<u>M 0.673</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 1075.000</u>	<u>M 1075.000</u>	<u>M 1311.000</u>
%RSD		<u>M 0.802</u>	<u>M 0.204</u>	<u>M 0.342</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.137%	<u>M 1028.000</u>	-6.382
%RSD		0.741	<u>M 0.458</u>	8.372
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M 1013.000</u>	<u>M 1014.000</u>	110.500
%RSD		<u>M 0.805</u>	<u>M 0.289</u>	0.234
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	109.700	634.000
%RSD		0.000	0.451	15.130
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M 1065.000</u>	90.558%	110.900
%RSD		<u>M 0.975</u>	0.111	0.855
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.900	<u>M 1179.000</u>	0.000
%RSD		1.460	<u>M 0.682</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.448%	106.700	<u>TM 245.500</u>
%RSD		0.627	1.287	<u>TM 0.466</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 1106.000</u>	91.997%	
%RSD		<u>TM 0.131</u>	0.258	

240-17230 -a-3-b@5, 11/23/2012 12:28:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.661%	2.255	19.660
%RSD		0.899	2.791	1.588
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		309.200	9857.000	<u>M</u> 20580.000
%RSD		2.068	0.572	<u>M</u> 0.567
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 1692.000	67900.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.877	0.495
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.236%	85.505%	<u>M</u> 236.300
%RSD		0.342	0.254	<u>M</u> 1.065
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		25.910	57.170	5.304
%RSD		0.313	0.400	12.450
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> M 1964.000	<u>T</u> 42230.000	16.060
%RSD		<u>T</u> M 0.038	<u>T</u> 0.317	0.722
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		65.190	50.250	189.900
%RSD		0.743	1.098	0.469
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.708%	25.080	0.187
%RSD		0.103	0.676	59.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.943	148.700	5.128
%RSD		10.090	0.340	1.475
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.077	-15.410
%RSD		0.000	1.116	29.420
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.664	86.539%	5.102
%RSD		3.253	0.275	1.472
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.838	<u>M</u> 205.000	0.000
%RSD		9.152	<u>M</u> 0.672	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.312%	1.532	0.509
%RSD		0.551	11.750	3.666
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		99.870	89.050%	
%RSD		0.598	0.384	

240-17317 -a-1-c@5, 11/23/2012 12:33:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.923%	1.593	9.585
%RSD		0.387	4.589	3.062
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		112.700	5528.000	<u>M</u> 20610.000
%RSD		1.098	0.986	<u>M</u> 0.278
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 1524.000	10030.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.127	0.380
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		95.503%	98.150%	179.000
%RSD		0.430	0.715	1.293
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		33.090	39.050	1.581
%RSD		1.872	0.939	112.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> M 1056.000	<u>T</u> 47890.000	16.750
%RSD		<u>T</u> M 0.234	<u>T</u> 0.588	1.324
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		53.870	45.980	155.000
%RSD		1.655	0.715	0.150
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		96.420%	35.390	0.296
%RSD		0.280	0.905	30.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.850	37.480	2.492
%RSD		9.889	1.119	3.237
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.109	-18.080
%RSD		0.000	5.842	10.450
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.806	97.130%	6.329
%RSD		3.054	0.275	0.438
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.894	131.200	0.000
%RSD		3.095	1.184	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.758%	0.525	0.489
%RSD		0.265	6.951	1.624
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		77.430	97.639%	
%RSD		0.505	0.637	

240-17317 -a-2-c@5, 11/23/2012 12:38:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.598%	4.789	32.840
%RSD		0.460	3.535	0.607
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		531.500	20910.000	M 35270.000
%RSD		1.379	0.251	M 0.625
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2308.000	M 108500.000
%RSD		T 0.000	T 0.373	M 0.426
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.053%	83.817%	M 552.000
%RSD		0.287	0.374	M 2.591
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		35.810	71.260	6.353
%RSD		1.172	0.321	28.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 3178.000	TM 53530.000	16.240
%RSD		TM 0.276	TM 0.834	0.349
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		76.200	48.340	M 259.500
%RSD		0.623	1.687	M 1.021
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.592%	31.500	0.243
%RSD		0.173	1.135	52.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.745	M 274.900	3.055
%RSD		11.850	M 0.923	4.357
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.113	-26.840
%RSD		0.000	3.038	20.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		3.076	85.062%	5.048
%RSD		4.840	0.270	1.926
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.015	M 352.100	0.000
%RSD		3.001	M 0.585	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.624%	0.816	0.496
%RSD		0.671	2.476	3.537
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		150.500	87.106%	
%RSD		0.653	0.488	

240-17317 -a-3-c@10, 11/23/2012 12:43:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.084%	3.025	22.390
%RSD		0.565	2.224	1.927
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		457.800	12950.000	<u>M</u> 22850.000
%RSD		1.151	0.407	<u>M</u> 0.457
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 1505.000	90850.000
%RSD		<u>T</u> 0.000	<u>T</u> 1.374	0.499
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.481%	85.940%	<u>M</u> 429.700
%RSD		0.483	1.473	<u>M</u> 1.303
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		19.930	31.470	1.826
%RSD		3.963	1.178	74.120
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>M</u> 2263.000	<u>T</u> 19610.000	6.941
%RSD		<u>M</u> 0.466	<u>T</u> 0.938	2.010
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		21.400	14.880	105.400
%RSD		1.097	1.565	0.531
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.803%	10.210	0.168
%RSD		1.148	1.028	74.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.905	181.300	0.959
%RSD		2.553	0.177	14.380
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.052	-16.170
%RSD		0.000	3.379	23.680
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.389	87.909%	3.795
%RSD		10.390	0.975	1.994
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.402	<u>M</u> 236.000	0.000
%RSD		5.267	<u>M</u> 0.408	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.855%	0.238	0.257
%RSD		0.839	3.168	1.853
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		82.650	89.100%	
%RSD		0.179	0.618	

240-17317 -a-4-c@10, 11/23/2012 12:48:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.931%	2.772	22.910
%RSD		1.162	2.308	2.511
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		435.700	10130.000	M 17060.000
%RSD		0.658	0.456	M 0.475
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1295.000	73450.000
%RSD		±0.000	0.308	0.251
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		81.833%	85.718%	M 488.000
%RSD		0.423	0.880	M 1.318
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		11.630	37.620	2.895
%RSD		2.268	0.855	18.750
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1915.000	T 17370.000	5.197
%RSD		TM 0.350	T 1.267	2.607
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		28.170	16.780	88.480
%RSD		1.238	2.572	1.025
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.920%	12.340	0.138
%RSD		0.892	0.881	49.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.695	169.800	1.385
%RSD		9.065	0.101	4.956
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.052	-16.360
%RSD		0.000	6.116	39.920
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.504	87.341%	3.310
%RSD		21.610	0.723	0.731
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.305	199.200	0.000
%RSD		15.110	0.088	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.391%	0.233	0.230
%RSD		1.473	13.740	2.880
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		65.580	89.339%	
%RSD		0.468	0.455	

CCV 3 11/23/2012 12:53:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.545%	102.777%	99.193%
%RSD		0.139	0.625	1.364
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.734%	102.814%	101.111%
%RSD		0.653	0.276	0.742
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.772%	96.910%
%RSD		0.000	0.621	0.219
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.058%	91.655%	103.234%
%RSD		0.300	1.317	2.688
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.375%	100.044%	10.900
%RSD		0.923	0.371	1.748
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.110%	105.134%	99.321%
%RSD		0.309	0.517	0.640
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.441%	100.247%	102.834%
%RSD		0.707	1.113	1.026
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.941%	99.358%	-0.875
%RSD		1.030	0.853	10.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.881%	98.134%	105.319%
%RSD		0.441	0.415	0.468
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.741%	78.620
%RSD		0.000	0.341	60.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		105.418%	90.331%	104.295%
%RSD		0.983	1.322	0.194
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		103.369%	100.727%	0.000
%RSD		0.523	1.386	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.506%	105.723%	103.653%
%RSD		1.234	0.389	0.480
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		103.651%	87.212%	
%RSD		0.227	0.821	

CCB 3 11/23/2012 13:00:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.350%	0.065	2.181
%RSD		0.366	28.500	18.020
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		16.840	11.960	2.512
%RSD		6.845	21.940	13.630
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	16.190	22.920
%RSD		±0.000	1.681	11.020
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.090%	86.048%	0.192
%RSD		0.392	0.763	109.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.032	-0.098	-0.740
%RSD		690.300	23.750	50.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.225	16.670	0.035
%RSD		11.370	6.919	19.750
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.033	0.070	0.697
%RSD		42.330	67.220	8.316
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.475%	0.125	0.017
%RSD		0.106	54.830	208.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.052	0.048	0.269
%RSD		98.080	14.850	57.750
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.027	-0.036
%RSD		0.000	25.960	3197.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.028	88.067%	0.992
%RSD		68.980	0.756	5.827
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.150	0.022	0.000
%RSD		6.819	100.300	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.869%	0.676	0.344
%RSD		0.372	8.580	4.325
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.073	92.335%	
%RSD		1.213	0.857	

240-17317 -a-5-b@2, 11/23/2012 13:05:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.559%	5.348	32.070
%RSD		0.411	0.982	2.789
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		582.600	27470.000	<u>TM</u> 70650.000
%RSD		0.776	0.963	<u>TM</u> 0.607
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 6407.000	<u>M</u> 156200.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.654	<u>M</u> 0.526
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.073%	83.275%	<u>M</u> 420.000
%RSD		0.298	1.183	<u>M</u> 1.157
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		105.600	117.800	10.010
%RSD		0.268	0.243	11.750
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4410.000	<u>TM</u> 129800.000	44.320
%RSD		<u>TM</u> 0.507	<u>TM</u> 0.762	0.893
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		128.100	95.340	<u>M</u> 529.900
%RSD		0.418	0.955	<u>M</u> 0.406
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.125%	53.420	0.478
%RSD		0.575	0.164	26.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.711	<u>M</u> 358.400	7.294
%RSD		9.293	<u>M</u> 0.499	3.644
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.172	-33.950
%RSD		0.000	7.818	47.590
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.786	83.778%	7.102
%RSD		8.237	0.818	0.829
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.334	<u>M</u> 542.200	0.000
%RSD		5.106	<u>M</u> 0.456	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.817%	0.596	0.995
%RSD		0.895	2.131	1.896
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		122.600	84.715%	
%RSD		0.605	1.232	

240-17317 -a-6-b@5, 11/23/2012 13:10:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.264%	2.140	10.210
%RSD		0.751	3.614	3.297
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		228.800	10690.000	<u>M</u> 28260.000
%RSD		1.937	0.545	<u>M</u> 0.652
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 2240.000	82790.000
%RSD		<u>I</u> 0.000	<u>I</u> 1.019	0.721
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.351%	81.878%	130.200
%RSD		0.218	0.876	2.497
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		38.540	44.780	5.029
%RSD		0.959	0.112	13.940
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1633.000	<u>TM</u> 53610.000	19.060
%RSD		<u>TM</u> 0.104	<u>TM</u> 0.227	1.262
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		64.370	39.230	<u>M</u> 209.700
%RSD		1.244	1.296	<u>M</u> 0.678
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.871%	29.040	0.268
%RSD		0.453	1.866	12.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.788	<u>M</u> 224.600	2.765
%RSD		15.090	<u>M</u> 1.111	5.721
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.089	-13.830
%RSD		0.000	6.983	21.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.473	83.535%	3.288
%RSD		3.360	0.262	1.848
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.372	<u>M</u> 213.400	0.000
%RSD		9.729	<u>M</u> 0.515	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.997%	0.296	0.482
%RSD		0.733	0.725	2.446
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		45.060	87.789%	
%RSD		0.239	0.244	

240-17317 -a-7-e@5, 11/23/2012 13:15:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.589%	2.273	10.360
%RSD		0.707	4.185	3.664
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		142.700	9753.000	<u>M</u> 33650.000
%RSD		0.861	0.454	<u>M</u> 0.691
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 3273.000	9801.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.856	0.785
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.585%	96.190%	154.900
%RSD		0.349	1.012	3.745
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		54.170	56.360	3.737
%RSD		1.668	0.475	55.250
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1208.000	<u>TM</u> 72870.000	33.400
%RSD		<u>TM</u> 0.176	<u>TM</u> 0.542	1.248
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		73.300	48.910	180.900
%RSD		1.166	0.938	0.764
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.701%	30.820	0.377
%RSD		0.519	0.192	13.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.899	43.850	3.492
%RSD		3.568	0.327	3.710
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.070	-13.130
%RSD		0.000	8.919	37.180
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.355	95.931%	2.956
%RSD		6.182	0.541	0.804
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.350	<u>M</u> 222.100	0.000
%RSD		1.811	<u>M</u> 0.916	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		103.250%	0.237	0.506
%RSD		0.745	2.930	2.435
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		42.860	96.569%	
%RSD		0.268	0.520	

240-17317 -a-7-I du@5, 11/23/2012 13:20:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.444%	2.193	8.351
%RSD		0.356	3.279	1.838
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		149.200	9752.000	M 31070.000
%RSD		0.743	1.188	M 0.764
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	± 2796.000	11650.000
%RSD		±0.000	±0.350	0.472
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		95.757%	96.407%	143.600
%RSD		0.434	0.799	2.829
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		50.070	54.410	2.779
%RSD		0.425	0.947	13.160
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 869.500	TM 67750.000	28.260
%RSD		±0.225	TM 0.831	0.498
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		71.480	46.940	169.900
%RSD		1.894	0.649	1.038
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.463%	30.640	0.258
%RSD		0.260	1.031	13.850
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.538	45.380	2.997
%RSD		5.122	0.446	5.503
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.058	-15.190
%RSD		0.000	32.010	51.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.311	95.816%	2.826
%RSD		8.283	0.540	2.644
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.323	195.800	0.000
%RSD		13.370	0.174	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.649%	0.211	0.469
%RSD		0.278	3.701	2.940
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		42.100	96.368%	
%RSD		0.747	0.073	

240-17317 -a-7-h ms@5, 11/23/2012 13:25:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.154%	22.100	20.790
%RSD		0.500	1.019	2.495
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2113.000	11800.000	M 34600.000
%RSD		0.442	0.716	M 0.330
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4699.000	13590.000
%RSD		±0.000	±0.847	1.210
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		95.892%	96.487%	165.500
%RSD		0.209	0.387	1.930
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		69.970	74.440	7.045
%RSD		0.902	0.355	2.527
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±904.100	TM 69680.000	48.840
%RSD		±0.249	TM 0.481	0.527
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		91.360	67.020	192.800
%RSD		0.265	1.394	0.724
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.272%	50.170	0.191
%RSD		0.329	1.413	13.250
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		18.610	65.340	20.340
%RSD		1.297	0.506	3.283
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	20.520	-15.030
%RSD		0.000	0.532	138.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		20.260	95.108%	19.770
%RSD		1.687	0.133	0.991
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.053	M 211.800	0.000
%RSD		3.524	M 0.662	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.379%	11.220	18.650
%RSD		0.394	0.996	0.797
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		61.630	95.298%	
%RSD		0.603	0.418	

240-17317 -a-7-h ms@5, 11/23/2012 13:31:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.774%	22.040	20.780
%RSD		0.345	1.694	3.856
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2101.000	11770.000	M 34440.000
%RSD		0.252	0.870	M 0.253
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4664.000	13450.000
%RSD		±0.000	±0.712	1.119
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		95.969%	96.368%	165.700
%RSD		0.224	0.688	2.329
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		69.170	73.600	9.509
%RSD		0.589	0.239	1.553
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±896.700	TM 69210.000	48.540
%RSD		±0.324	TM 0.934	0.982
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.060	66.040	190.100
%RSD		0.734	1.329	0.412
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.134%	49.650	0.223
%RSD		0.262	0.866	31.690
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		18.840	65.160	20.380
%RSD		2.855	0.030	1.544
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	20.270	-7.273
%RSD		0.000	0.098	242.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		20.120	94.955%	19.530
%RSD		0.356	0.591	0.577
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.060	M 211.600	0.000
%RSD		2.656	M 0.428	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.028%	11.270	18.590
%RSD		0.999	0.685	0.528
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		61.160	95.233%	
%RSD		0.505	0.899	

240-17317 -a-8-b@5, 11/23/2012 13:36:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.605%	2.306	13.470
%RSD		0.641	1.570	2.801
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		181.000	11310.000	M41190.000
%RSD		1.542	0.466	M0.236
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4513.000	10660.000
%RSD		±0.000	±0.686	0.192
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		96.749%	96.852%	159.600
%RSD		0.133	0.278	1.511
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		60.530	60.520	4.679
%RSD		0.290	0.703	22.540
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±782.000	±73470.000	27.880
%RSD		±0.110	±0.349	0.924
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		82.000	54.380	186.100
%RSD		0.620	0.476	0.279
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.847%	30.480	0.307
%RSD		0.447	1.040	35.610
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.592	49.260	3.070
%RSD		16.730	0.327	6.798
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.086	-16.790
%RSD		0.000	5.469	35.670
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.274	95.022%	4.024
%RSD		14.200	0.635	0.947
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.334	M209.700	0.000
%RSD		2.989	M0.353	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.674%	0.373	0.649
%RSD		0.059	5.267	0.104
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		39.420	95.162%	
%RSD		0.608	0.546	

240-17317 -a-9-c@5, 11/23/2012 13:41:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.984%	1.809	11.070
%RSD		0.510	4.539	3.270
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		173.800	6623.000	<u>M</u> 21390.000
%RSD		1.755	1.026	<u>M</u> 0.282
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 1566.000	20530.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.614	0.490
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.036%	94.612%	192.600
%RSD		0.275	0.311	2.215
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		34.220	47.080	3.446
%RSD		0.519	0.644	38.610
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1390.000	<u>T</u> 48760.000	15.070
%RSD		<u>TM</u> 0.120	<u>T</u> 0.202	1.488
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		48.850	40.340	<u>M</u> 230.000
%RSD		1.351	0.747	<u>M</u> 0.201
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.945%	32.370	0.285
%RSD		0.605	1.323	12.530
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.661	58.660	2.657
%RSD		4.422	0.991	1.568
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.135	-21.410
%RSD		0.000	7.288	64.170
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.425	92.850%	4.600
%RSD		7.730	0.860	2.841
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.521	158.800	0.000
%RSD		6.244	1.013	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.020%	0.374	0.444
%RSD		0.511	3.367	0.180
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		75.810	94.705%	
%RSD		0.564	0.146	

240-17317 -a-10-b@5, 11/23/2012 13:46:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.134%	1.548	8.379
%RSD		0.261	2.964	2.953
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		140.400	6889.000	<u>M</u> 22490.000
%RSD		0.647	1.132	<u>M</u> 0.147
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 1750.000	16150.000
%RSD		<u>I</u> 0.000	<u>I</u> 1.175	0.441
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.576%	95.245%	176.800
%RSD		0.334	0.866	2.176
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		38.400	53.430	4.730
%RSD		0.732	0.251	18.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1303.000	<u>TM</u> 53760.000	17.340
%RSD		<u>TM</u> 0.220	<u>TM</u> 1.083	1.394
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		59.630	43.700	<u>M</u> 253.800
%RSD		1.109	0.411	<u>M</u> 0.489
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.938%	31.100	0.218
%RSD		0.442	0.261	31.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.428	82.020	2.671
%RSD		21.140	1.480	1.701
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.133	-15.050
%RSD		0.000	3.509	34.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.282	94.094%	3.321
%RSD		5.545	0.816	2.399
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.622	<u>M</u> 240.100	0.000
%RSD		4.315	<u>M</u> 0.293	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.372%	0.238	0.412
%RSD		0.415	7.463	3.430
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		89.000	95.333%	
%RSD		0.148	0.441	

240-17317 -a-14-b@10, 11/23/2012 13:51:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.379%	1.224	5.978
%RSD		0.173	2.625	7.050
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.700	4532.000	<u>M</u> 16750.000
%RSD		1.235	0.615	<u>M</u> 0.494
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	1247.000	30410.000
%RSD		<u>T</u> 0.000	0.799	0.468
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.181%	92.555%	90.170
%RSD		0.723	0.467	5.276
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		24.640	26.060	0.850
%RSD		0.932	1.051	66.610
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> 1261.000	<u>T</u> 33400.000	10.800
%RSD		<u>T</u> 0.720	<u>T</u> 0.717	1.181
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		28.380	21.110	<u>M</u> 262.800
%RSD		0.650	2.804	<u>M</u> 1.310
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.164%	23.510	0.127
%RSD		0.828	2.299	18.120
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.843	77.810	1.336
%RSD		7.131	0.601	2.157
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.041	-8.953
%RSD		0.000	22.190	5.294
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.291	92.341%	1.557
%RSD		14.730	0.234	3.620
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.160	115.700	0.000
%RSD		16.620	0.917	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.340%	0.218	0.257
%RSD		0.225	0.889	1.754
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		17.240	94.040%	
%RSD		0.296	0.317	

CCV 4 11/23/2012 13:56:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.979%	102.649%	98.763%
%RSD		0.417	0.303	0.525
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.018%	103.239%	101.113%
%RSD		0.215	0.268	1.424
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.449%	96.743%
%RSD		0.000	0.535	0.530
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.690%	90.196%	98.864%
%RSD		0.362	0.684	0.694
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.985%	100.189%	11.720
%RSD		1.256	0.962	10.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.597%	105.748%	100.279%
%RSD		0.165	0.389	0.819
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.981%	101.858%	103.927%
%RSD		0.488	1.637	1.558
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.058%	98.647%	-0.775
%RSD		0.555	0.080	47.130
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.822%	99.555%	105.510%
%RSD		1.254	0.970	1.303
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.836%	33.010
%RSD		0.000	0.317	105.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.087%	89.022%	104.608%
%RSD		0.530	0.322	0.828
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.055%	102.053%	0.000
%RSD		0.500	0.615	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.506%	106.548%	103.866%
%RSD		0.737	0.874	0.295
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.046%	86.498%	
%RSD		0.522	0.471	

CCB 4 11/23/2012 14:03:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.097%	0.047	0.949
%RSD		0.489	16.130	18.240
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		18.800	18.330	3.218
%RSD		4.866	24.160	19.650
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	19.430	32.910
%RSD		±0.000	1.749	15.990
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.385%	88.995%	0.288
%RSD		0.491	0.245	67.180
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.192	-0.101	-1.584
%RSD		90.700	37.160	15.660
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.273	18.390	0.055
%RSD		1.709	7.459	24.820
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.018	0.076	0.641
%RSD		109.000	37.700	66.760
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.174%	0.066	0.177
%RSD		0.169	204.100	61.320
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.039	0.057	0.259
%RSD		276.600	17.570	14.220
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.029	-0.287
%RSD		0.000	22.890	317.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.035	90.249%	0.692
%RSD		50.270	0.452	5.869
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.151	0.036	0.000
%RSD		8.594	82.580	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.324%	0.698	0.360
%RSD		0.563	10.540	8.254
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.066	93.630%	
%RSD		2.464	0.407	

240-17317 -a-15-b@10, 11/23/2012 14:08:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.234%	0.842	4.969
%RSD		0.564	6.076	6.245
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		66.050	3384.000	M 13540.000
%RSD		0.215	0.735	M 0.962
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1090.000	7933.000
%RSD		±0.000	1.170	1.051
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.262%	90.057%	75.830
%RSD		0.550	1.940	5.209
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		22.390	23.120	1.351
%RSD		0.348	0.995	22.750
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1533.000	T 27500.000	12.610
%RSD		TM 0.387	T 0.559	0.890
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		29.640	33.330	157.900
%RSD		0.421	0.379	0.128
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.211%	16.030	0.150
%RSD		1.183	1.456	59.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.950	26.260	1.476
%RSD		17.240	1.636	6.433
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.043	-0.332
%RSD		0.000	24.320	940.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.393	90.558%	1.455
%RSD		8.650	1.186	2.326
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.214	95.140	0.000
%RSD		5.175	0.893	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.905%	0.297	0.361
%RSD		1.468	3.051	2.369
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		20.200	93.989%	
%RSD		0.812	0.871	

240-17317 -a-16-b@10, 11/23/2012 14:13:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.155%	0.920	3.918
%RSD		0.710	2.701	11.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		61.850	3383.000	M 16280.000
%RSD		2.044	0.472	M 0.690
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1188.000	5978.000
%RSD		±0.000	0.154	0.982
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.251%	93.973%	75.920
%RSD		0.802	0.951	5.820
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		28.570	22.180	1.131
%RSD		2.064	0.250	96.850
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1356.000	T 30460.000	12.550
%RSD		TM 0.364	T 0.413	2.897
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		22.640	16.010	82.360
%RSD		3.109	1.559	0.378
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.101%	14.860	0.129
%RSD		0.355	0.692	8.713
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.874	20.930	1.191
%RSD		10.710	0.638	7.294
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.057	-4.330
%RSD		0.000	14.990	44.620
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.200	93.413%	1.636
%RSD		12.750	0.995	3.354
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.169	104.000	0.000
%RSD		0.882	1.031	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.746%	0.170	0.321
%RSD		0.984	11.100	0.735
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		20.420	95.682%	
%RSD		0.291	0.327	

240-17317 -a-17-b@5, 11/23/2012 14:18:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.274%	2.811	12.930
%RSD		0.739	3.719	3.154
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		222.200	10060.000	<u>M</u> 37360.000
%RSD		2.000	0.450	<u>M</u> 0.425
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 3375.000	19320.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.762	0.130
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.829%	95.131%	<u>M</u> 214.300
%RSD		0.217	0.680	<u>M</u> 1.966
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		51.940	58.400	4.500
%RSD		1.058	0.736	23.770
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1591.000	<u>TM</u> 63360.000	27.560
%RSD		<u>TM</u> 0.125	<u>TM</u> 0.768	0.525
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		62.150	57.210	<u>M</u> 341.900
%RSD		1.281	1.220	<u>M</u> 0.687
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.093%	33.600	0.337
%RSD		0.728	0.378	15.910
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.486	67.230	2.492
%RSD		1.761	0.363	3.121
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.101	-15.900
%RSD		0.000	6.822	46.010
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.763	94.226%	3.128
%RSD		3.141	0.503	0.482
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.456	<u>M</u> 223.200	0.000
%RSD		7.140	<u>M</u> 0.884	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.685%	0.221	0.527
%RSD		0.872	3.594	3.630
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		69.000	95.021%	
%RSD		0.616	0.373	

240-17317 -a-18-b@5, 11/23/2012 14:23:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.908%	1.370	9.883
%RSD		1.282	2.537	4.291
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		110.800	4749.000	M 22620.000
%RSD		1.182	0.207	M 1.041
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1976.000	3981.000
%RSD		0.000	0.626	0.985
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		97.057%	96.194%	139.600
%RSD		0.299	0.441	2.885
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		39.360	37.290	1.802
%RSD		1.876	0.934	106.600
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		808.200	42020.000	23.660
%RSD		0.177	0.429	0.666
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		45.060	37.500	152.000
%RSD		0.873	2.035	0.481
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		96.425%	23.230	0.273
%RSD		0.030	0.802	28.070
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.657	19.700	1.999
%RSD		8.255	0.769	2.870
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.087	-12.150
%RSD		0.000	7.135	33.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.537	94.865%	2.772
%RSD		13.590	0.353	0.992
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.371	150.000	0.000
%RSD		3.887	0.600	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.851%	0.180	0.411
%RSD		0.583	0.217	2.241
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		66.710	96.813%	
%RSD		0.852	0.680	

240-17317 -a-19-d@5, 11/23/2012 14:28:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.334%	1.006	5.773
%RSD		0.712	5.148	3.923
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		115.400	3999.000	M 16800.000
%RSD		1.089	1.037	M 0.416
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 1349.000	3865.000
%RSD		± 0.000	± 1.757	0.250
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.569%	92.291%	117.100
%RSD		0.460	0.642	1.556
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		29.770	96.270	9.878
%RSD		1.670	1.029	13.170
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 687.000	± 42530.000	16.050
%RSD		± 0.347	± 1.005	1.388
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		66.920	34.710	121.000
%RSD		1.443	0.186	0.369
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.203%	21.740	0.226
%RSD		1.011	1.357	34.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.152	13.940	2.725
%RSD		15.240	1.425	5.171
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.066	-12.740
%RSD		0.000	12.140	73.450
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.405	91.501%	2.717
%RSD		4.377	0.886	2.039
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.305	117.900	0.000
%RSD		4.650	0.275	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.507%	0.300	0.311
%RSD		0.323	2.449	2.185
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		39.120	93.919%	
%RSD		0.469	0.396	

240-17317 -a-19-k du@5, 11/23/2012 14:33:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.073%	1.067	5.986
%RSD		0.268	5.191	3.788
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		126.500	4339.000	M 18810.000
%RSD		1.961	1.894	M 0.763
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 1555.000	4071.000
%RSD		± 0.000	± 1.507	0.943
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.494%	82.110%	109.700
%RSD		0.470	1.377	3.541
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		33.120	76.010	5.360
%RSD		1.729	0.992	18.750
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 721.800	± 44580.000	16.610
%RSD		± 0.121	± 0.798	1.901
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		57.310	35.770	132.000
%RSD		2.161	1.989	2.233
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.378%	24.190	0.241
%RSD		1.459	1.043	24.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.431	15.340	2.614
%RSD		9.316	0.618	5.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.071	-10.470
%RSD		0.000	15.680	66.880
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.437	82.332%	3.114
%RSD		11.200	1.074	0.862
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.889	125.500	0.000
%RSD		2.612	0.126	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.312%	0.245	0.326
%RSD		0.364	5.842	1.583
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		42.590	87.987%	
%RSD		0.250	0.474	

240-17317 -a-19-g ms@5, 11/23/2012 14:38:18 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.874%	21.180	21.290
%RSD		0.258	0.832	1.275
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2176.000	6766.000	M 24240.000
%RSD		0.735	1.432	M 0.151
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 3912.000	6808.000
%RSD		± 0.000	± 0.254	0.940
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.771%	82.283%	142.900
%RSD		0.194	0.260	0.892
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		54.030	107.300	11.500
%RSD		0.514	0.294	12.880
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 719.400	± 47180.000	35.310
%RSD		± 0.487	± 0.723	0.173
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		82.270	55.100	157.000
%RSD		0.313	0.741	1.132
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.096%	41.530	0.033
%RSD		0.348	1.093	271.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		20.210	36.170	19.990
%RSD		5.420	0.718	2.031
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	20.680	6.437
%RSD		0.000	0.190	339.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		20.990	82.318%	19.470
%RSD		2.335	0.415	0.661
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.993	144.800	0.000
%RSD		1.306	0.386	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.071%	12.180	18.990
%RSD		0.333	0.223	0.233
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		58.570	87.667%	
%RSD		0.425	0.234	

240-17317 -a-20-b@5, 11/23/2012 14:43:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.815%	1.053	6.083
%RSD		0.844	0.876	10.060
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		109.100	4033.000	M 17600.000
%RSD		5.294	0.912	M 0.320
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	1386.000	4240.000
%RSD		± 0.000	0.477	0.877
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.551%	79.797%	112.100
%RSD		0.271	0.258	4.423
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		31.130	50.900	5.275
%RSD		2.227	0.784	37.950
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 742.700	± 42780.000	16.580
%RSD		± 0.376	± 0.382	2.116
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		45.230	33.550	122.300
%RSD		1.281	3.140	0.418
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.180%	21.860	0.155
%RSD		0.718	1.822	63.490
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.148	14.360	2.142
%RSD		14.190	1.875	5.829
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.059	-13.580
%RSD		0.000	9.541	17.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.392	80.240%	3.184
%RSD		8.914	0.226	4.839
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.294	119.000	0.000
%RSD		10.750	0.812	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.090%	0.357	0.413
%RSD		0.684	12.580	2.237
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		38.400	86.338%	
%RSD		0.200	0.442	

CCV 5 11/23/2012 14:48:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.363%	101.473%	97.060%
%RSD		0.283	0.452	0.661
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		104.049%	104.440%	103.325%
%RSD		0.625	0.910	0.216
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	103.837%	97.452%
%RSD		0.000	0.390	0.424
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.052%	84.324%	102.108%
%RSD		0.754	0.322	0.542
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.017%	99.812%	8.152
%RSD		0.669	0.689	2.838
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.860%	105.169%	99.349%
%RSD		0.638	0.252	0.770
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.966%	100.697%	103.875%
%RSD		0.962	0.791	0.716
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.415%	98.920%	-0.649
%RSD		1.661	0.884	23.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.731%	99.408%	104.736%
%RSD		1.241	0.452	0.298
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.733%	25.340
%RSD		0.000	0.475	49.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.572%	83.546%	104.034%
%RSD		0.471	0.208	1.254
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.149%	100.859%	0.000
%RSD		0.716	0.604	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.373%	106.171%	103.894%
%RSD		0.976	0.573	0.233
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.318%	83.279%	
%RSD		0.542	0.464	

CCB 5 11/23/2012 14:55:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.934%	0.050	0.863
%RSD		0.025	19.330	38.540
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		17.360	20.840	1.705
%RSD		1.535	13.460	24.940
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	20.820	33.610
%RSD		±0.000	5.337	12.990
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		81.756%	82.731%	0.147
%RSD		0.390	0.636	85.380
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.010	-0.130	-1.961
%RSD		3628.000	9.928	40.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.251	16.440	0.038
%RSD		1.121	5.214	25.930
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.038	0.060	0.730
%RSD		37.270	16.950	42.950
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.167%	-0.041	0.084
%RSD		0.447	30.590	18.650
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.077	0.051	0.203
%RSD		103.600	5.557	39.950
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.026	0.946
%RSD		0.000	49.170	119.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.027	84.330%	0.492
%RSD		64.080	1.022	7.479
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.129	0.041	0.000
%RSD		16.720	41.060	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.331%	0.644	0.346
%RSD		0.270	12.350	6.903
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.060	90.106%	
%RSD		4.202	0.165	

CRI -751770 11/23/2012 15:00:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.793%	109.771%	102.320%
%RSD		0.655	1.630	0.674
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		107.737%	106.636%	99.127%
%RSD		0.116	4.965	3.198
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	107.738%	97.952%
%RSD		±0.000	0.528	1.273
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.661%	80.098%	103.278%
%RSD		0.422	0.523	3.422
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		94.957%	90.550%	-1.593
%RSD		1.234	3.274	23.970
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		111.068%	120.616%	96.667%
%RSD		1.080	2.082	4.418
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.687%	103.495%	109.773%
%RSD		1.301	3.978	3.364
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.485%	103.436%	0.102
%RSD		0.755	10.350	74.710
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		105.060%	95.278%	95.587%
%RSD		7.146	1.207	4.722
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	109.350%	-0.940
%RSD		0.000	4.549	181.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.880%	81.694%	104.982%
%RSD		7.941	0.819	1.198
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.181%	108.236%	0.000
%RSD		1.623	0.692	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.208%	100.464%	115.842%
%RSD		0.485	0.804	0.526
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		106.854%	87.801%	
%RSD		1.444	0.253	

MDLV 11/23/2012 15:05:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.596%	1.188	34.940
%RSD		1.016	4.486	0.591
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		462.000	290.100	46.290
%RSD		2.244	9.250	7.884
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	122.100	1074.000
%RSD		±0.000	0.215	1.666
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.929%	79.218%	2.054
%RSD		0.271	0.896	23.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.991	4.532	-1.864
%RSD		23.370	1.533	35.980
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.679	355.100	0.182
%RSD		3.436	0.452	7.489
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.795	3.259	24.150
%RSD		5.188	4.949	2.713
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.817%	1.446	0.074
%RSD		0.612	9.202	19.140
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.542	2.430	4.070
%RSD		23.270	3.852	2.979
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.079	0.184
%RSD		0.000	11.500	735.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.118	80.604%	108.700
%RSD		19.490	0.147	0.656
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.731	3.126	0.000
%RSD		1.627	3.675	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.828%	0.274	1.633
%RSD		0.319	8.135	1.447
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.177	87.699%	
%RSD		1.292	0.279	

mb 240-65198/1-a, 11/23/2012 15:10:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.065%	0.016	0.502
%RSD		0.743	39.990	30.540
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		52.780	42.820	4.791
%RSD		3.347	6.364	7.544
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	49.200	218.200
%RSD		±0.000	0.926	3.051
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.365%	79.646%	0.183
%RSD		0.340	0.564	108.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.080	0.230	-4.777
%RSD		277.900	3.384	8.258
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.054	30.840	0.013
%RSD		0.946	0.817	43.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.120	0.554	7.418
%RSD		17.920	6.146	5.663
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.775%	-0.032	0.605
%RSD		0.618	162.400	11.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.024	0.320	-0.238
%RSD		379.400	15.930	20.590
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.015
%RSD		0.000	66.960	4863.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.026	81.224%	21.160
%RSD		72.180	0.394	1.249
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.072	0.608	0.000
%RSD		28.050	11.510	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.850%	0.165	0.125
%RSD		0.517	6.854	4.379
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.159	88.352%	
%RSD		2.749	0.576	

Ics 240-65198/2-a, 11/23/2012 15:15:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.199%	M 933.500	86.120
%RSD		0.524	M 0.212	1.430
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9941.000	9862.000	M 9359.000
%RSD		0.585	1.284	M 0.710
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9656.000	9023.000
%RSD		T 0.000	T 0.479	1.865
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.306%	81.793%	92.970
%RSD		0.589	1.019	4.249
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 890.000	M 929.600	110.700
%RSD		M 0.426	M 0.671	8.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 944.700	T 9837.000	M 919.300
%RSD		T 0.114	T 0.753	M 0.456
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 933.700	M 945.300	M 932.800
%RSD		M 0.307	M 0.491	M 0.659
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.572%	M 863.200	-5.836
%RSD		0.800	M 0.727	4.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 854.500	M 894.200	92.790
%RSD		M 0.758	M 0.434	0.660
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.600	627.000
%RSD		0.000	0.486	5.852
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 974.300	82.956%	106.600
%RSD		M 0.399	0.134	0.697
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		93.050	M 935.700	0.000
%RSD		1.766	M 1.079	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.161%	92.160	TM 222.600
%RSD		1.161	0.644	TM 0.187
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 919.400	87.261%	
%RSD		TM 0.513	0.058	

240-17422 -a-2-e, 11/23/2012 15:22:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.175%	6.664	19.550
%RSD		0.881	1.451	2.144
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		332.300	22020.000	<u>TM</u> 113700.000
%RSD		0.805	1.271	<u>TM</u> 0.825
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 8917.000	11970.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.529	0.467
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.384%	92.352%	<u>M</u> 506.100
%RSD		0.988	0.639	<u>M</u> 1.773
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		194.300	174.700	12.560
%RSD		0.772	0.657	19.230
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8253.000	<u>TM</u> 208300.000	101.100
%RSD		<u>TM</u> 0.265	<u>TM</u> 0.534	1.345
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		197.000	127.500	<u>M</u> 1349.000
%RSD		1.078	1.769	<u>M</u> 0.746
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.716%	122.700	0.904
%RSD		0.878	0.771	5.236
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.527	77.450	12.350
%RSD		5.901	0.612	2.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.789	-35.690
%RSD		0.000	3.564	16.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.186	90.951%	19.160
%RSD		4.350	0.557	0.582
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.881	<u>M</u> 1126.000	0.000
%RSD		2.240	<u>M</u> 0.445	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.770%	1.284	2.247
%RSD		0.150	3.843	1.384
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 408.300	91.483%	
%RSD		<u>TM</u> 0.216	0.139	

SD 240-17422 -a-2-e@5, 11/23/2012 15:27:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.280%	1.449	4.132
%RSD		0.417	3.460	3.147
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		73.470	4696.000	<u>M</u> 24450.000
%RSD		3.469	0.492	<u>M</u> 1.003
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 1882.000	2528.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.577	1.336
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.262%	85.022%	103.400
%RSD		0.407	0.358	1.886
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		39.330	35.600	1.633
%RSD		0.793	0.623	42.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1717.000	<u>T</u> 43530.000	20.840
%RSD		<u>TM</u> 0.442	<u>T</u> 0.250	0.631
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		41.240	27.740	<u>M</u> 300.700
%RSD		1.772	1.565	<u>M</u> 0.475
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.919%	26.220	0.269
%RSD		0.327	0.308	8.224
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.578	16.000	2.523
%RSD		9.237	1.382	8.815
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.169	-9.579
%RSD		0.000	8.356	20.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.535	84.792%	4.268
%RSD		8.561	0.367	1.969
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.504	<u>M</u> 233.300	0.000
%RSD		7.249	<u>M</u> 0.457	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.042%	0.423	0.638
%RSD		0.625	0.425	2.081
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		88.560	89.248%	
%RSD		0.453	0.207	

240-17422 -a-2-1 du, 11/23/2012 15:32:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.788%	5.966	19.220
%RSD		1.433	0.876	3.842
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		299.700	21640.000	<u>TM</u> 109300.000
%RSD		1.365	0.672	<u>TM</u> 0.310
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 8646.000	12550.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.131	0.515
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.981%	85.277%	<u>M</u> 586.900
%RSD		0.401	0.526	<u>M</u> 3.149
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		192.900	174.400	18.160
%RSD		0.955	0.650	5.556
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8841.000	<u>TM</u> 213500.000	103.400
%RSD		<u>TM</u> 0.316	<u>TM</u> 0.712	0.461
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		197.100	129.900	<u>M</u> 1377.000
%RSD		0.476	0.877	<u>M</u> 0.828
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.546%	118.700	0.871
%RSD		0.034	1.079	13.770
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.100	79.760	13.380
%RSD		7.646	1.606	0.172
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.866	-41.620
%RSD		0.000	4.622	39.030
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.306	84.015%	20.880
%RSD		4.256	0.830	0.394
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.874	<u>M</u> 1323.000	0.000
%RSD		3.972	<u>M</u> 0.373	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.963%	0.868	2.011
%RSD		0.534	1.271	1.274
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 435.500	85.643%	
%RSD		<u>TM</u> 0.748	0.166	

240-17422 -a-2-g ms, 11/23/2012 15:37:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.818%	90.950	80.530
%RSD		0.706	0.927	1.291
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10020.000	31170.000	<u>TM</u> 123500.000
%RSD		0.367	0.842	<u>TM</u> 0.597
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 18250.000	21300.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.448	0.521
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.730%	87.844%	<u>M</u> 624.500
%RSD		0.297	0.360	<u>M</u> 0.609
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 285.200	<u>M</u> 269.800	28.670
%RSD		<u>M</u> 0.564	<u>M</u> 0.066	9.112
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8223.000	<u>TM</u> 220400.000	192.300
%RSD		<u>TM</u> 0.270	<u>TM</u> 0.522	0.326
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 298.400	<u>M</u> 208.600	<u>M</u> 1417.000
%RSD		<u>M</u> 0.572	<u>M</u> 0.654	<u>M</u> 0.689
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.244%	193.000	0.499
%RSD		0.321	0.907	51.460
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		77.740	170.700	102.500
%RSD		2.259	0.333	0.348
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	94.100	-10.480
%RSD		0.000	0.297	552.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		92.560	85.805%	96.650
%RSD		1.085	0.506	0.383
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		26.780	<u>M</u> 1240.000	0.000
%RSD		1.061	<u>M</u> 0.494	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.828%	64.190	93.650
%RSD		0.729	0.881	1.977
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 500.600	85.307%	
%RSD		<u>TM</u> 1.787	1.864	

PDS 240-17422 -a-2-e, 11/23/2012 15:44:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.007%	M 989.900	115.000
%RSD		0.381	M 0.061	1.368
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10640.000	31410.000	TM 119200.000
%RSD		0.539	0.565	TM 0.017
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 18930.000	20790.000
%RSD		T 0.000	T 0.595	0.245
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.988%	93.505%	M 591.100
%RSD		0.464	0.436	M 0.854
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1119.000	M 1120.000	138.400
%RSD		M 0.620	M 0.854	4.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 8875.000	TM 210900.000	M 1020.000
%RSD		TM 0.435	TM 0.612	M 0.868
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1116.000	M 1049.000	M 2237.000
%RSD		M 1.102	M 1.138	M 0.317
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.047%	M 1029.000	-5.748
%RSD		0.758	M 0.464	16.580
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 927.200	M 993.700	112.200
%RSD		M 0.677	M 0.421	0.614
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	103.400	578.700
%RSD		0.000	0.837	7.911
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 997.300	91.352%	120.000
%RSD		M 0.839	0.456	0.769
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.180	M 2042.000	0.000
%RSD		1.362	M 0.358	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.374%	96.760	TM 228.000
%RSD		1.127	0.993	TM 0.429
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1294.000	92.198%	
%RSD		TM 0.591	0.596	

240-17317 -a-21-b, 11/23/2012 15:52:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.024%	5.102	34.350
%RSD		0.528	1.193	2.862
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1187.000	15980.000	<u>TM</u> 101600.000
%RSD		1.481	0.811	<u>TM</u> 0.705
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 8658.000	31550.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.711	0.547
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.600%	88.085%	<u>M</u> 680.100
%RSD		0.603	0.589	<u>M</u> 1.930
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		173.600	<u>M</u> 241.800	25.020
%RSD		0.648	<u>M</u> 1.101	13.370
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3435.000	<u>TM</u> 231500.000	63.940
%RSD		<u>TM</u> 0.419	<u>TM</u> 1.037	1.230
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 237.500	<u>M</u> 334.100	<u>M</u> 4015.000
%RSD		<u>M</u> 1.720	<u>M</u> 1.246	<u>M</u> 0.906
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.190%	81.390	0.838
%RSD		0.943	0.747	7.606
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.733	155.400	14.670
%RSD		1.067	1.357	2.245
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.645	-18.690
%RSD		0.000	1.172	32.730
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		19.600	86.708%	46.650
%RSD		1.724	0.293	0.444
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		10.310	<u>M</u> 1939.000	0.000
%RSD		1.067	<u>M</u> 0.369	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.675%	4.030	2.152
%RSD		0.719	3.597	1.901
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1047.000	90.768%	
%RSD		<u>TM</u> 0.492	0.132	

CCV 6 11/23/2012 15:56:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		93.308%	101.126%	97.933%
%RSD		0.549	0.784	0.435
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.295%	103.942%	104.138%
%RSD		0.443	0.114	1.152
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.661%	96.560%
%RSD		0.000	0.534	0.344
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.621%	92.146%	100.217%
%RSD		0.635	0.272	1.651
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.065%	98.284%	9.986
%RSD		0.707	0.473	14.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		98.043%	105.253%	97.759%
%RSD		0.341	0.452	0.626
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.010%	99.359%	103.344%
%RSD		1.330	1.200	2.017
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.830%	98.365%	-0.956
%RSD		0.849	0.465	42.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.104%	99.404%	105.263%
%RSD		0.995	1.135	0.344
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.379%	49.020
%RSD		0.000	0.307	96.130
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.156%	88.886%	104.591%
%RSD		1.308	0.434	0.588
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		105.481%	100.832%	0.000
%RSD		0.647	0.529	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.097%	105.969%	103.262%
%RSD		0.812	0.403	0.333
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.317%	86.494%	
%RSD		0.237	0.160	

CCB 6 11/23/2012 16:04:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.901%	0.067	0.621
%RSD		0.320	7.128	27.730
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		19.170	17.590	2.550
%RSD		2.662	14.500	20.820
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	27.770	36.050
%RSD		±0.000	1.985	11.090
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.608%	87.341%	0.242
%RSD		0.409	0.305	99.150
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.066	-0.097	-2.118
%RSD		117.500	18.460	19.830
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.356	27.330	0.043
%RSD		1.892	6.279	17.740
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.053	0.066	0.826
%RSD		41.350	22.020	7.954
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.995%	0.137	0.047
%RSD		0.831	41.340	199.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.102	0.063	0.340
%RSD		74.580	11.920	28.110
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.031	-0.845
%RSD		0.000	9.847	89.740
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.047	87.426%	0.602
%RSD		17.050	0.176	4.069
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.342	0.050	0.000
%RSD		11.250	33.700	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.541%	0.801	0.448
%RSD		0.379	8.462	7.065
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.089	91.845%	
%RSD		5.027	0.221	

240-17317 -a-22-b, 11/23/2012 16:09:06 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.919%	4.130	17.570
%RSD		1.094	0.975	5.638
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		667.300	15080.000	<u>TM 83690.000</u>
%RSD		0.666	0.942	<u>TM 0.506</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 4709.000</u>	17130.000
%RSD		<u>TM 0.000</u>	<u>TM 0.683</u>	0.352
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.491%	93.693%	<u>M 542.800</u>
%RSD		0.119	0.621	<u>M 1.758</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		160.000	163.800	17.010
%RSD		0.590	0.518	13.090
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 2715.000</u>	<u>TM 173800.000</u>	52.370
%RSD		<u>TM 0.081</u>	<u>TM 0.868</u>	1.001
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		127.400	165.700	<u>M 702.600</u>
%RSD		1.265	0.857	<u>M 0.753</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.594%	72.300	0.554
%RSD		1.120	0.367	10.650
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.582	84.910	11.360
%RSD		4.573	0.711	1.275
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.654	-33.380
%RSD		0.000	4.116	19.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		4.187	90.926%	20.610
%RSD		2.118	0.973	1.407
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.653	<u>M 645.700</u>	0.000
%RSD		2.102	<u>M 0.425</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.033%	1.513	1.968
%RSD		0.526	2.156	2.016
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 495.800</u>	89.730%	
%RSD		<u>TM 0.445</u>	0.650	

240-17317 -a-23-b, 11/23/2012 16:14:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.563%	13.790	96.730
%RSD		0.943	0.807	1.120
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2322.000	57030.000	TM 97930.000
%RSD		0.788	0.608	TM 0.378
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 8628.000	TM 626500.000
%RSD		± 0.000	± 0.769	TM 0.541
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.864%	81.360%	M 1474.000
%RSD		0.868	0.753	M 1.102
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		79.560	M 241.600	25.160
%RSD		0.290	M 0.668	5.423
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 15090.000	TM 207300.000	36.340
%RSD		TM 0.445	TM 0.431	0.711
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 316.500	M 2237.000	TM 12330.000
%RSD		M 0.524	M 0.177	TM 0.179
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.157%	91.830	1.164
%RSD		1.202	1.213	10.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.167	TM 1636.000	12.460
%RSD		3.530	TM 0.521	2.272
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.501	-98.240
%RSD		0.000	2.787	12.710
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		7.015	81.187%	21.980
%RSD		1.771	0.778	0.333
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.014	M 1450.000	0.000
%RSD		1.289	M 0.772	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.128%	1.339	1.601
%RSD		1.439	0.550	2.390
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1221.000	76.828%	
%RSD		TM 0.426	0.922	

240-17317 -a-24-b, 11/23/2012 16:18:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.252%	6.430	52.890
%RSD		0.235	2.439	1.701
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1101.000	28610.000	<u>M</u> 53990.000
%RSD		0.387	0.771	<u>M</u> 1.348
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 5973.000	<u>TM</u> 596700.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.463	<u>TM</u> 0.197
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.935%	82.921%	<u>M</u> 717.800
%RSD		0.817	0.953	<u>M</u> 0.739
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		77.650	141.100	10.880
%RSD		1.725	0.858	40.950
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8200.000	<u>TM</u> 174000.000	32.620
%RSD		<u>TM</u> 0.167	<u>TM</u> 0.821	0.385
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		172.400	<u>TM</u> 7704.000	<u>M</u> 1025.000
%RSD		1.562	<u>TM</u> 0.680	<u>M</u> 0.078
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.546%	108.900	1.122
%RSD		0.819	0.574	10.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.917	<u>TM</u> 1323.000	9.049
%RSD		3.284	<u>TM</u> 0.776	1.870
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.837	-62.230
%RSD		0.000	5.060	29.780
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		4.347	84.226%	9.796
%RSD		1.944	0.489	1.280
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.686	<u>M</u> 836.100	0.000
%RSD		2.927	<u>M</u> 0.629	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.794%	1.028	1.601
%RSD		0.629	0.706	1.221
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 319.100	78.004%	
%RSD		<u>TM</u> 0.370	0.722	

240-17422 -a-1-c, 11/23/2012 16:23:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.909%	7.261	29.110
%RSD		0.748	1.652	5.224
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		459.600	25280.000	<u>TM</u> 125000.000
%RSD		0.317	0.687	<u>TM</u> 0.575
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 12260.000	27370.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.448	0.410
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.467%	90.529%	<u>M</u> 623.500
%RSD		0.412	0.655	<u>M</u> 2.990
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 213.700	<u>M</u> 222.600	23.160
%RSD		<u>M</u> 0.412	<u>M</u> 0.096	11.540
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 6435.000	<u>TM</u> 256400.000	93.020
%RSD		<u>TM</u> 0.077	<u>TM</u> 0.836	0.523
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 227.200	183.100	<u>M</u> 1119.000
%RSD		<u>M</u> 1.077	0.789	<u>M</u> 0.265
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.667%	143.200	1.081
%RSD		0.421	0.410	15.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.498	123.400	11.990
%RSD		5.414	0.615	1.031
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.926	-23.220
%RSD		0.000	1.546	32.840
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.644	91.677%	22.220
%RSD		5.531	0.295	0.885
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.905	<u>M</u> 962.500	0.000
%RSD		0.522	<u>M</u> 0.118	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		103.894%	0.683	1.843
%RSD		0.390	1.796	1.143
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 695.200	95.881%	
%RSD		<u>TM</u> 0.345	0.150	

240-17422 -a-3-c, 11/23/2012 16:28:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.885%	6.491	20.970
%RSD		0.736	0.437	4.930
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		317.900	25340.000	<u>TM</u> 121900.000
%RSD		1.011	0.990	<u>TM</u> 0.777
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 9495.000	12950.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.406	0.274
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.914%	83.941%	<u>M</u> 681.700
%RSD		0.024	1.646	<u>M</u> 1.435
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 218.300	182.700	19.740
%RSD		<u>M</u> 0.490	0.556	2.172
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8377.000	<u>TM</u> 250700.000	112.700
%RSD		<u>TM</u> 0.062	<u>TM</u> 0.721	0.501
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 217.400	143.800	<u>M</u> 925.800
%RSD		<u>M</u> 0.047	0.769	<u>M</u> 0.608
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.994%	129.800	0.706
%RSD		1.699	0.272	7.079
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.035	80.940	14.600
%RSD		2.045	0.658	1.489
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.543	-54.680
%RSD		0.000	3.046	31.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.764	83.987%	23.170
%RSD		3.204	1.016	2.019
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.076	<u>M</u> 1055.000	0.000
%RSD		1.618	<u>M</u> 0.667	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.156%	0.757	2.060
%RSD		0.314	1.395	0.682
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 436.200	86.583%	
%RSD		<u>TM</u> 1.553	1.654	

240-17422 -a-4-b, 11/23/2012 16:33:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.561%	6.976	39.760
%RSD		0.366	0.397	0.276
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		905.400	36680.000	<u>TM</u> 107200.000
%RSD		0.427	0.108	<u>TM</u> 0.323
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 13500.000	77160.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.966	0.914
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.677%	93.047%	<u>M</u> 750.200
%RSD		0.525	0.987	<u>M</u> 0.289
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		179.200	<u>M</u> 228.800	21.220
%RSD		0.260	<u>M</u> 0.162	5.879
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4809.000	<u>TM</u> 310600.000	103.200
%RSD		<u>TM</u> 0.463	<u>TM</u> 0.372	0.215
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 313.600	<u>M</u> 272.800	<u>M</u> 1178.000
%RSD		<u>M</u> 0.250	<u>M</u> 0.761	<u>M</u> 0.372
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.612%	<u>M</u> 201.000	1.160
%RSD		1.033	<u>M</u> 0.118	15.420
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.081	<u>M</u> 277.900	19.510
%RSD		6.815	<u>M</u> 0.314	1.505
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.304	-90.840
%RSD		0.000	3.801	25.870
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.907	90.818%	13.960
%RSD		6.153	0.562	2.698
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.145	<u>M</u> 718.400	0.000
%RSD		0.990	<u>M</u> 0.630	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		108.479%	0.751	2.144
%RSD		1.078	6.701	0.929
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 388.100	90.310%	
%RSD		<u>TM</u> 1.311	0.312	

240-17422 -a-5-c, 11/23/2012 16:38:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.597%	5.782	37.920
%RSD		0.648	1.165	2.322
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		499.700	26810.000	<u>TM</u> 81850.000
%RSD		0.618	0.414	<u>TM</u> 0.309
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 11350.000	52200.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.595	0.149
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.022%	92.711%	<u>M</u> 461.100
%RSD		0.474	0.853	<u>M</u> 2.044
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		129.900	<u>M</u> 230.500	21.670
%RSD		0.409	<u>M</u> 0.799	9.309
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4507.000	<u>TM</u> 199600.000	81.200
%RSD		<u>TM</u> 0.150	<u>TM</u> 0.898	1.134
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 261.900	159.000	<u>M</u> 764.300
%RSD		<u>M</u> 0.985	1.380	<u>M</u> 0.989
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.357%	111.900	1.097
%RSD		0.968	1.176	5.567
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.634	165.600	9.128
%RSD		2.147	0.285	1.259
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	4.557	-37.420
%RSD		0.000	0.712	6.371
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.567	91.622%	9.743
%RSD		1.248	0.556	0.479
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.039	<u>M</u> 572.300	0.000
%RSD		1.717	<u>M</u> 0.184	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		106.378%	0.544	1.299
%RSD		0.626	0.213	0.732
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		170.300	93.336%	
%RSD		0.739	0.444	

240-17422 -a-6-e, 11/23/2012 16:43:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.455%	4.996	31.370
%RSD		0.612	0.833	1.340
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		419.800	24520.000	<u>TM</u> 70160.000
%RSD		1.290	0.598	<u>TM</u> 0.743
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 8859.000	49740.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.762	0.225
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.195%	93.381%	<u>M</u> 405.500
%RSD		0.098	0.170	<u>M</u> 0.269
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		117.000	183.800	16.390
%RSD		0.762	0.256	12.910
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4395.000	<u>TM</u> 194000.000	74.870
%RSD		<u>TM</u> 0.360	<u>TM</u> 0.528	0.194
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 236.500	151.100	<u>M</u> 679.400
%RSD		<u>M</u> 0.449	0.603	<u>M</u> 0.841
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.028%	102.600	0.895
%RSD		0.571	0.091	1.047
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.690	160.100	10.070
%RSD		9.013	0.614	2.949
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	4.673	-48.930
%RSD		0.000	2.832	18.510
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.234	91.878%	9.951
%RSD		3.548	0.476	0.776
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.035	<u>M</u> 521.700	0.000
%RSD		2.123	<u>M</u> 0.474	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		107.569%	0.554	1.150
%RSD		0.670	4.316	1.671
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		160.400	92.338%	
%RSD		0.325	0.550	

240-17422 -a-6-I du, 11/23/2012 16:48:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.756%	4.943	30.540
%RSD		0.984	2.707	3.266
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		416.700	24680.000	<u>TM</u> 68700.000
%RSD		0.172	0.694	<u>TM</u> 0.364
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 8530.000	49340.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.474	0.419
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.567%	93.298%	<u>M</u> 479.000
%RSD		0.772	0.560	<u>M</u> 0.430
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		116.200	184.900	20.540
%RSD		1.427	0.325	17.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4687.000	<u>TM</u> 196600.000	76.430
%RSD		<u>TM</u> 0.534	<u>TM</u> 0.216	0.441
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 250.100	155.700	<u>M</u> 667.500
%RSD		<u>M</u> 0.934	1.223	<u>M</u> 0.472
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.755%	106.300	0.965
%RSD		0.891	1.351	12.460
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.280	155.300	9.318
%RSD		1.259	0.380	3.944
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	5.142	-53.520
%RSD		0.000	0.771	19.690
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.391	91.012%	11.750
%RSD		2.871	0.360	1.592
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.076	<u>M</u> 544.000	0.000
%RSD		0.963	<u>M</u> 0.047	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		107.330%	0.610	1.240
%RSD		0.892	4.008	1.267
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		163.800	91.387%	
%RSD		0.694	0.311	

240-17422 -a-6-g ms, 11/23/2012 16:53:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.036%	92.990	114.000
%RSD		0.384	0.692	0.592
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9805.000	35110.000	<u>TM</u> 87440.000
%RSD		0.768	0.355	<u>TM</u> 0.270
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 19120.000	61600.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.397	0.370
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.219%	95.488%	<u>M</u> 588.200
%RSD		0.403	1.028	<u>M</u> 0.804
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 217.000	<u>M</u> 277.200	29.300
%RSD		<u>M</u> 0.467	<u>M</u> 0.645	15.030
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4975.000	<u>TM</u> 207900.000	171.900
%RSD		<u>TM</u> 0.064	<u>TM</u> 0.547	0.631
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 329.200	<u>M</u> 239.500	<u>M</u> 747.200
%RSD		<u>M</u> 1.408	<u>M</u> 0.947	<u>M</u> 0.848
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.474%	184.900	0.560
%RSD		1.201	0.034	27.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		77.080	<u>M</u> 259.100	97.590
%RSD		0.527	<u>M</u> 0.309	0.659
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.660	-6.752
%RSD		0.000	0.892	682.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		91.580	92.504%	91.780
%RSD		0.462	0.567	0.658
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		25.590	<u>M</u> 672.500	0.000
%RSD		1.053	<u>M</u> 0.346	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		107.936%	62.370	93.300
%RSD		1.065	0.335	0.116
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 261.000	89.202%	
%RSD		<u>TM</u> 0.073	1.000	

CCV 7 11/23/2012 17:00:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.987%	103.689%	100.015%
%RSD		0.397	0.273	0.882
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.821%	102.831%	103.952%
%RSD		0.500	0.112	1.194
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.109%	96.863%
%RSD		0.000	0.532	0.178
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.647%	89.662%	98.211%
%RSD		0.290	0.657	2.304
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.679%	98.317%	8.677
%RSD		0.192	0.147	7.093
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.194%	104.621%	98.140%
%RSD		0.094	0.167	0.491
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.325%	99.454%	103.098%
%RSD		1.345	0.838	0.532
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.074%	98.689%	-0.809
%RSD		0.815	1.323	22.690
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.039%	99.100%	106.323%
%RSD		1.619	0.252	1.815
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	105.324%	50.220
%RSD		0.000	0.486	75.680
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.154%	88.057%	104.353%
%RSD		0.588	0.913	0.907
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		103.928%	101.615%	0.000
%RSD		0.743	0.604	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.585%	106.123%	103.439%
%RSD		0.882	0.923	1.007
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.812%	86.498%	
%RSD		1.009	0.442	

CCB 7 11/23/2012 17:08:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.308%	0.066	1.083
%RSD		0.288	12.600	17.120
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		21.850	17.670	5.225
%RSD		1.042	7.892	11.490
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	28.310	37.390
%RSD		±0.000	1.870	20.640
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		81.860%	83.780%	0.362
%RSD		0.105	0.307	67.360
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.101	-0.101	-2.001
%RSD		38.010	14.140	24.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.490	32.060	0.042
%RSD		5.409	8.027	43.940
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.086	0.118	0.930
%RSD		36.780	30.480	6.832
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.814%	0.136	-0.004
%RSD		0.655	36.560	2879.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.012	0.069	0.347
%RSD		266.900	10.520	49.840
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.036	-0.979
%RSD		0.000	20.680	137.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.038	85.958%	0.435
%RSD		49.200	0.748	4.290
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.178	0.096	0.000
%RSD		4.705	38.250	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.628%	0.714	0.396
%RSD		0.158	12.290	7.825
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.117	91.330%	
%RSD		3.414	0.421	

240-17422 -a-7-b, 11/23/2012 17:13:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.940%	7.653	50.500
%RSD		0.466	1.399	3.590
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		703.600	38950.000	<u>TM</u> 115800.000
%RSD		0.416	0.752	<u>TM</u> 0.505
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 12850.000	88010.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.392	0.301
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.145%	91.715%	<u>M</u> 894.500
%RSD		0.618	1.399	<u>M</u> 1.348
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		196.500	<u>M</u> 261.800	28.120
%RSD		0.605	<u>M</u> 0.477	2.985
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 6583.000	<u>TM</u> 275600.000	102.300
%RSD		<u>TM</u> 0.178	<u>TM</u> 0.835	1.073
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 281.300	<u>M</u> 211.500	<u>M</u> 841.300
%RSD		<u>M</u> 0.626	<u>M</u> 0.259	<u>M</u> 0.784
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.414%	131.800	1.173
%RSD		1.175	0.946	5.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.056	<u>M</u> 232.500	15.450
%RSD		4.295	<u>M</u> 0.568	2.682
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.403	-68.590
%RSD		0.000	5.599	2.121
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		4.878	90.039%	12.350
%RSD		0.579	0.785	1.504
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		9.599	<u>M</u> 811.300	0.000
%RSD		0.865	<u>M</u> 0.231	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		107.990%	0.969	1.844
%RSD		1.263	4.478	1.097
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 357.900	90.424%	
%RSD		<u>TM</u> 0.734	0.396	

240-17422 -a-8-b@10, 11/23/2012 17:18:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.047%	3.818	29.350
%RSD		1.395	0.523	2.684
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		476.700	11300.000	M 18890.000
%RSD		1.398	0.669	M 0.696
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1184.000	70920.000
%RSD		±0.000	0.222	0.716
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		81.401%	81.698%	M 365.000
%RSD		0.339	0.803	M 1.023
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		7.469	14.840	-0.085
%RSD		5.241	0.713	1310.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		M 2149.000	T 18780.000	10.060
%RSD		M 0.192	T 0.696	0.608
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		27.620	18.350	114.000
%RSD		1.678	0.794	1.942
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.470%	31.690	0.099
%RSD		0.906	0.891	59.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.603	194.000	1.513
%RSD		13.920	0.357	4.144
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.065	-33.380
%RSD		0.000	11.500	10.990
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.699	83.169%	2.133
%RSD		3.019	0.735	3.087
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.289	189.400	0.000
%RSD		5.615	0.374	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.640%	0.328	0.478
%RSD		0.436	0.814	2.362
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		30.050	87.172%	
%RSD		0.615	0.572	

240-17422 -a-9-d, 11/23/2012 17:22:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.580%	7.929	20.100
%RSD		0.634	1.909	1.334
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		486.400	24660.000	<u>TM</u> 129200.000
%RSD		0.547	0.298	<u>TM</u> 0.721
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 8224.000	15910.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.447	0.454
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.219%	82.297%	<u>M</u> 478.300
%RSD		0.715	1.325	<u>M</u> 2.706
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 197.600	<u>M</u> 219.100	24.160
%RSD		<u>M</u> 1.443	<u>M</u> 0.969	12.700
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11660.000	<u>TM</u> 275500.000	123.600
%RSD		<u>TM</u> 0.210	<u>TM</u> 0.666	1.048
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 254.600	<u>M</u> 308.000	<u>M</u> 1670.000
%RSD		<u>M</u> 1.224	<u>M</u> 1.018	<u>M</u> 0.122
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.136%	170.600	0.899
%RSD		1.431	0.952	12.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.297	75.620	22.780
%RSD		5.548	0.835	0.976
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.580	-68.660
%RSD		0.000	2.902	17.730
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		6.357	80.851%	12.390
%RSD		4.760	2.204	2.534
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.315	<u>M</u> 811.000	0.000
%RSD		2.677	<u>M</u> 0.584	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.495%	0.774	2.298
%RSD		0.717	1.065	0.635
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M</u> 237.800	85.774%	
%RSD		<u>M</u> 0.645	0.950	

240-17422 -a-9-k du, 11/23/2012 17:27:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.871%	7.735	19.380
%RSD		0.606	1.946	4.361
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		484.700	24830.000	<u>TM</u> 126400.000
%RSD		0.368	0.222	<u>TM</u> 0.123
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 8081.000	15360.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.339	0.550
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.685%	80.495%	<u>M</u> 498.100
%RSD		0.390	0.089	<u>M</u> 0.988
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		195.400	<u>M</u> 228.700	22.220
%RSD		1.601	<u>M</u> 1.084	15.030
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8633.000	<u>TM</u> 267300.000	115.900
%RSD		<u>TM</u> 0.496	<u>TM</u> 0.687	0.726
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 254.800	<u>M</u> 302.300	<u>M</u> 1685.000
%RSD		<u>M</u> 1.006	<u>M</u> 0.565	<u>M</u> 0.085
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.165%	154.700	0.999
%RSD		0.420	0.192	7.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.898	75.440	22.250
%RSD		3.032	1.609	0.947
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.582	-66.010
%RSD		0.000	4.780	37.720
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		6.378	78.701%	13.520
%RSD		1.982	0.512	1.761
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.336	<u>M</u> 821.400	0.000
%RSD		2.289	<u>M</u> 0.497	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.964%	0.800	2.261
%RSD		0.461	0.402	1.066
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M</u> 226.800	83.373%	
%RSD		<u>M</u> 0.503	0.123	

240-17422 -a-9-f.ms, 11/23/2012 17:32:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.626%	92.040	77.840
%RSD		0.398	0.293	2.077
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9798.000	35710.000	<u>TM</u> 154800.000
%RSD		0.543	0.816	<u>TM</u> 0.622
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 18390.000	23180.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.467	0.403
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.370%	81.680%	<u>M</u> 531.200
%RSD		0.127	0.911	<u>M</u> 0.992
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 301.700	<u>M</u> 327.900	35.230
%RSD		<u>M</u> 0.513	<u>M</u> 0.277	4.218
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8192.000	<u>TM</u> 279200.000	<u>M</u> 204.400
%RSD		<u>TM</u> 0.263	<u>TM</u> 0.117	<u>M</u> 0.858
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 345.700	<u>M</u> 390.500	<u>M</u> 1862.000
%RSD		<u>M</u> 1.578	<u>M</u> 1.190	<u>M</u> 1.263
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.318%	<u>M</u> 229.600	0.453
%RSD		1.504	<u>M</u> 1.310	67.140
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		79.230	170.200	107.700
%RSD		2.421	1.006	1.373
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	90.480	-24.800
%RSD		0.000	0.632	76.480
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		95.480	78.686%	90.790
%RSD		1.665	0.938	0.546
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		24.630	<u>M</u> 921.800	0.000
%RSD		1.049	<u>M</u> 0.183	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.423%	55.790	88.850
%RSD		0.705	1.083	0.166
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 311.100	82.235%	
%RSD		<u>TM</u> 0.740	0.571	

240-17422 -a-10-b, 11/23/2012 17:39:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.678%	8.980	21.770
%RSD		1.073	0.707	0.418
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		528.400	29110.000	<u>TM</u> 153600.000
%RSD		1.575	0.393	<u>TM</u> 0.651
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 9646.000	15080.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.459	0.976
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.098%	81.301%	<u>M</u> 526.700
%RSD		0.394	0.708	<u>M</u> 3.122
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 235.700	<u>M</u> 273.300	29.130
%RSD		<u>M</u> 1.164	<u>M</u> 0.721	19.670
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9452.000	<u>TM</u> 347200.000	152.100
%RSD		<u>TM</u> 0.054	<u>TM</u> 1.042	0.555
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 301.200	<u>M</u> 329.600	<u>M</u> 1631.000
%RSD		<u>M</u> 0.849	<u>M</u> 0.340	<u>M</u> 0.741
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.078%	194.800	1.040
%RSD		0.472	0.395	7.586
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.459	82.720	28.450
%RSD		3.301	0.468	1.007
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.607	-89.920
%RSD		0.000	4.847	15.960
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		5.949	78.005%	15.040
%RSD		1.136	0.450	1.121
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.547	<u>M</u> 916.500	0.000
%RSD		2.617	<u>M</u> 0.888	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.723%	1.106	2.799
%RSD		0.746	6.998	0.558
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M</u> 250.400	81.853%	
%RSD		<u>M</u> 0.872	0.079	

240-17422 -a-11-b, 11/23/2012 17:44:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.142%	4.979	18.410
%RSD		0.775	1.504	0.683
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		390.600	16020.000	<u>TM 84420.000</u>
%RSD		1.522	1.515	<u>TM 0.437</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 5146.000</u>	13400.000
%RSD		<u>TM 0.000</u>	<u>TM 0.454</u>	0.538
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.400%	78.264%	<u>M 504.000</u>
%RSD		0.115	0.310	<u>M 1.949</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		153.700	121.300	15.360
%RSD		0.720	0.470	13.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 4852.000</u>	<u>TM 227000.000</u>	84.700
%RSD		<u>TM 0.526</u>	<u>TM 0.389</u>	0.290
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		137.900	122.800	<u>M 570.700</u>
%RSD		1.751	2.058	<u>M 0.854</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.697%	97.410	0.541
%RSD		1.311	0.167	7.261
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.954	63.870	14.390
%RSD		1.821	0.811	1.826
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.445	-53.080
%RSD		0.000	7.466	24.180
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.658	76.627%	15.210
%RSD		2.362	0.438	0.702
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.071	<u>M 770.500</u>	0.000
%RSD		0.561	<u>M 0.441</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.793%	0.745	1.767
%RSD		0.723	1.490	0.812
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M 206.100</u>	80.717%	
%RSD		<u>M 0.746</u>	0.272	

240-17422 -a-12-b, 11/23/2012 17:49:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.053%	5.672	17.760
%RSD		0.936	1.691	1.963
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		608.300	24350.000	<u>TM</u> 121800.000
%RSD		0.890	0.487	<u>TM</u> 1.137
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 7699.000	12370.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.649	1.163
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.581%	80.057%	<u>M</u> 554.300
%RSD		0.310	0.972	<u>M</u> 2.214
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 228.100	<u>M</u> 235.600	22.930
%RSD		<u>M</u> 1.218	<u>M</u> 0.383	10.140
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3419.000	<u>TM</u> 236300.000	83.270
%RSD		<u>TM</u> 0.467	<u>TM</u> 0.538	0.647
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		180.500	148.000	<u>M</u> 507.700
%RSD		1.132	1.295	<u>M</u> 0.100
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.640%	101.700	0.823
%RSD		0.588	0.533	29.230
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.713	56.710	16.880
%RSD		4.621	0.948	1.468
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.385	-34.910
%RSD		0.000	2.031	27.520
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.022	77.541%	12.530
%RSD		4.997	0.343	0.656
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.143	<u>M</u> 654.200	0.000
%RSD		4.844	<u>M</u> 0.344	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.224%	0.688	1.977
%RSD		0.453	1.741	1.666
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M</u> 208.800	81.965%	
%RSD		<u>M</u> 0.339	0.324	

240-17477 -a-5-b, 11/23/2012 17:54:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.627%	6.808	39.600
%RSD		1.102	1.332	1.755
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		690.700	34480.000	<u>TM</u> 80620.000
%RSD		0.267	0.430	<u>TM</u> 0.469
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 9609.000	<u>M</u> 101600.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.575	<u>M</u> 0.419
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.461%	88.792%	<u>M</u> 801.100
%RSD		0.396	0.684	<u>M</u> 1.508
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		149.600	<u>M</u> 268.200	27.020
%RSD		1.221	<u>M</u> 0.826	4.504
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7482.000	<u>TM</u> 219900.000	148.000
%RSD		<u>TM</u> 0.231	<u>TM</u> 0.352	0.584
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 345.200	163.100	<u>M</u> 591.800
%RSD		<u>M</u> 0.572	1.255	<u>M</u> 0.682
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.726%	<u>M</u> 385.700	0.903
%RSD		0.667	<u>M</u> 0.599	14.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.520	<u>M</u> 223.700	9.655
%RSD		6.431	<u>M</u> 0.301	1.048
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	2.099	-37.500
%RSD		0.000	2.229	5.948
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.366	86.782%	8.944
%RSD		3.115	0.265	0.578
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		7.435	<u>M</u> 659.400	0.000
%RSD		4.183	<u>M</u> 0.590	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.958%	1.192	0.878
%RSD		0.835	3.087	3.337
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 249.700	95.782%	
%RSD		<u>TM</u> 0.733	1.171	

240-17477 -a-6-e, 11/23/2012 17:59:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.761%	6.685	43.000
%RSD		0.855	3.090	2.248
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		658.600	33970.000	<u>TM</u> 97390.000
%RSD		0.896	0.085	<u>TM</u> 0.523
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 10920.000	69770.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.789	0.302
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.204%	89.024%	<u>M</u> 617.500
%RSD		0.548	1.000	<u>M</u> 1.937
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		170.400	<u>M</u> 251.300	20.660
%RSD		0.821	<u>M</u> 0.625	2.612
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 6698.000	<u>TM</u> 238400.000	105.700
%RSD		<u>TM</u> 0.086	<u>TM</u> 0.545	0.218
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 293.900	136.400	<u>M</u> 554.300
%RSD		<u>M</u> 0.514	0.283	<u>M</u> 0.755
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.802%	<u>M</u> 265.700	0.920
%RSD		0.859	<u>M</u> 0.188	9.916
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.797	173.000	11.290
%RSD		4.483	0.080	2.062
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.671	-40.340
%RSD		0.000	1.211	16.560
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.095	86.870%	10.080
%RSD		8.705	0.824	2.069
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.842	<u>M</u> 755.200	0.000
%RSD		2.032	<u>M</u> 0.454	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.114%	0.740	1.643
%RSD		0.632	3.715	0.899
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		171.600	90.405%	
%RSD		0.712	0.611	

CCV 8 11/23/2012 18:04:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.664%	102.823%	98.064%
%RSD		0.507	0.132	1.332
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.536%	104.499%	104.943%
%RSD		0.572	0.585	1.951
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	106.430%	96.787%
%RSD		0.000	0.774	0.391
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.118%	89.319%	104.323%
%RSD		0.059	0.319	3.821
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.295%	99.441%	8.191
%RSD		0.518	0.733	12.090
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.892%	105.739%	97.600%
%RSD		0.164	0.603	0.458
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.562%	99.616%	104.174%
%RSD		0.875	0.623	1.022
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.606%	98.571%	-0.924
%RSD		0.687	0.278	27.940
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.043%	99.112%	106.415%
%RSD		0.846	0.308	0.926
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	105.483%	102.600
%RSD		0.000	0.312	28.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		107.836%	85.914%	106.072%
%RSD		0.233	0.088	0.885
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.108%	103.017%	0.000
%RSD		0.199	0.534	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.590%	106.107%	103.467%
%RSD		0.579	0.888	0.355
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		106.103%	84.601%	
%RSD		0.520	0.306	

CCB 8 11/23/2012 18:11:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.004%	0.068	0.730
%RSD		0.984	10.620	10.810
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		26.190	27.780	7.693
%RSD		2.041	40.580	7.207
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	30.410	42.520
%RSD		±0.000	4.313	13.070
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		81.157%	82.866%	0.231
%RSD		0.283	1.049	75.140
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.037	-0.122	-1.839
%RSD		165.100	25.880	4.314
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.606	41.150	0.068
%RSD		3.987	5.684	8.353
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.083	0.100	0.995
%RSD		17.230	12.520	8.846
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.372%	0.155	0.070
%RSD		0.360	81.390	83.770
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.079	0.075	0.264
%RSD		12.640	10.510	22.940
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.046	-0.041
%RSD		0.000	21.130	2717.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.058	83.065%	0.418
%RSD		14.940	0.460	1.718
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.168	0.145	0.000
%RSD		20.530	27.680	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.009%	0.704	0.344
%RSD		0.376	11.010	3.971
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.139	88.579%	
%RSD		4.934	0.160	

240-17477 -a-6-I du, 11/23/2012 18:16:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.837%	6.855	43.600
%RSD		0.664	2.171	1.737
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		618.900	33410.000	<u>TM 95340.000</u>
%RSD		1.045	0.402	<u>TM 0.426</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 9766.000</u>	79520.000
%RSD		<u>TM 0.000</u>	<u>TM 0.400</u>	0.390
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.401%	86.891%	<u>M 610.100</u>
%RSD		0.283	0.285	<u>M 1.748</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		182.300	<u>M 237.200</u>	24.460
%RSD		0.471	<u>M 0.669</u>	6.568
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7885.000</u>	<u>TM 264500.000</u>	120.100
%RSD		<u>TM 0.165</u>	<u>TM 0.259</u>	0.739
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 295.200</u>	139.700	<u>M 520.200</u>
%RSD		<u>M 0.573</u>	1.124	<u>M 1.052</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.937%	<u>M 315.900</u>	1.011
%RSD		1.012	<u>M 0.561</u>	7.774
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.584	179.200	13.780
%RSD		1.943	1.146	0.970
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.709	-37.910
%RSD		0.000	2.621	17.140
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.228	85.351%	10.390
%RSD		3.590	0.619	1.491
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.085	<u>M 721.300</u>	0.000
%RSD		0.832	<u>M 0.301</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.771%	1.062	1.922
%RSD		0.573	2.711	1.714
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		196.500	87.532%	
%RSD		0.547	0.330	

240-17477 -a-6-g ms, 11/23/2012 18:21:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.699%	91.500	116.600
%RSD		0.165	0.465	1.133
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9990.000	39740.000	<u>TM</u> 106500.000
%RSD		0.258	0.282	<u>TM</u> 0.217
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 18780.000	74170.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.527	0.318
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.454%	90.063%	<u>M</u> 820.400
%RSD		0.508	1.496	<u>M</u> 0.852
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 277.200	<u>M</u> 341.100	36.210
%RSD		<u>M</u> 0.109	<u>M</u> 0.123	14.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7297.000	<u>TM</u> 271300.000	197.800
%RSD		<u>TM</u> 0.192	<u>TM</u> 0.343	0.367
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 374.300	<u>M</u> 217.000	<u>M</u> 586.100
%RSD		<u>M</u> 0.862	<u>M</u> 0.327	<u>M</u> 0.349
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.194%	<u>M</u> 313.100	0.473
%RSD		1.078	<u>M</u> 0.704	30.830
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		77.160	<u>M</u> 261.500	103.500
%RSD		1.982	<u>M</u> 0.197	0.569
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	93.030	-45.580
%RSD		0.000	0.438	78.740
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		90.040	87.248%	90.430
%RSD		0.514	0.670	0.860
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		29.270	<u>M</u> 801.300	0.000
%RSD		0.910	<u>M</u> 0.202	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.760%	63.340	92.610
%RSD		1.362	0.242	0.792
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 282.700	85.538%	
%RSD		<u>TM</u> 0.420	1.253	

240-17477 -a-7-c, 11/23/2012 18:28:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.675%	5.029	30.490
%RSD		0.819	1.649	1.944
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		435.500	27220.000	<u>TM</u> 76850.000
%RSD		0.984	0.477	<u>TM</u> 0.644
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 8563.000	42580.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.771	0.443
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.195%	88.596%	<u>M</u> 458.800
%RSD		0.211	1.056	<u>M</u> 1.809
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		150.500	170.000	15.920
%RSD		1.245	0.513	8.793
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5218.000	<u>TM</u> 229200.000	97.890
%RSD		<u>TM</u> 0.612	<u>TM</u> 0.090	0.515
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 246.900	119.600	<u>M</u> 503.800
%RSD		<u>M</u> 0.426	1.008	<u>M</u> 0.622
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.989%	<u>M</u> 255.100	0.863
%RSD		0.359	<u>M</u> 0.603	3.792
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.718	110.200	9.835
%RSD		5.219	1.019	3.296
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.751	-42.870
%RSD		0.000	2.196	33.290
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.952	85.840%	7.821
%RSD		7.413	0.452	0.222
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.466	<u>M</u> 513.800	0.000
%RSD		1.580	<u>M</u> 0.716	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.638%	0.863	1.513
%RSD		0.903	7.378	2.030
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		151.800	89.448%	
%RSD		0.422	0.807	

CCV 9 11/23/2012 18:33:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.135%	102.557%	98.616%
%RSD		0.738	0.630	1.249
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.320%	103.268%	105.406%
%RSD		0.295	0.221	1.235
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.547%	96.325%
%RSD		0.000	0.650	0.065
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.102%	87.895%	96.649%
%RSD		0.319	0.577	2.338
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.247%	97.128%	8.492
%RSD		0.804	0.857	6.079
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.470%	104.244%	97.257%
%RSD		0.322	0.588	0.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		96.965%	97.757%	102.846%
%RSD		0.623	0.838	0.346
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.416%	98.265%	-0.846
%RSD		0.127	1.443	24.720
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.297%	98.323%	104.845%
%RSD		0.428	0.487	1.608
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.627%	-6.281
%RSD		0.000	0.584	298.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.625%	85.044%	104.618%
%RSD		1.067	0.080	0.384
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.163%	101.785%	0.000
%RSD		1.031	1.426	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.732%	105.864%	102.845%
%RSD		0.670	0.402	0.276
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.779%	83.894%	
%RSD		0.261	0.623	

CCB 9 11/23/2012 18:41:06 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.687%	0.072	1.023
%RSD		0.735	21.040	10.270
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		35.600	36.760	10.970
%RSD		5.866	7.757	12.490
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	33.680	50.020
%RSD		±0.000	0.978	3.140
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.344%	82.577%	0.396
%RSD		0.129	0.345	66.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.181	-0.090	-2.698
%RSD		59.630	11.920	9.597
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.847	51.870	0.081
%RSD		1.685	4.976	19.680
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.111	0.132	0.894
%RSD		26.450	13.540	14.210
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.405%	0.146	0.063
%RSD		0.574	68.160	77.130
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.130	0.092	0.347
%RSD		64.170	12.400	26.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.072	0.035
%RSD		0.000	13.760	1201.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.074	82.973%	0.438
%RSD		19.130	0.871	10.660
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.200	0.193	0.000
%RSD		9.556	15.050	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.936%	0.756	0.397
%RSD		0.674	12.120	6.644
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.162	89.057%	
%RSD		4.733	0.295	

CRI -751770 11/23/2012 18:46:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.781%	110.866%	104.405%
%RSD		1.388	5.581	3.057
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		108.093%	109.728%	106.384%
%RSD		0.890	3.659	5.404
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	108.149%	96.645%
%RSD		±0.000	0.812	1.322
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.054%	79.669%	92.705%
%RSD		0.200	0.528	7.323
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		95.375%	92.513%	-1.871
%RSD		5.399	0.602	29.300
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		127.952%	141.009%	101.322%
%RSD		1.365	4.502	5.137
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.987%	113.350%	110.978%
%RSD		12.360	5.752	4.746
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.336%	101.404%	-0.010
%RSD		0.727	3.758	413.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		104.558%	94.288%	93.709%
%RSD		12.730	0.824	0.572
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	117.504%	0.762
%RSD		0.000	7.553	277.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		115.400%	80.807%	103.183%
%RSD		18.580	0.279	0.885
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		108.068%	102.813%	0.000
%RSD		0.867	6.672	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.142%	100.648%	119.732%
%RSD		0.269	1.278	0.623
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		109.437%	86.618%	
%RSD		1.315	0.188	

MDLV 11/23/2012 18:51:06 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.873%	1.122	35.350
%RSD		0.515	6.430	5.422
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		465.500	268.600	47.340
%RSD		0.792	4.947	1.147
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	129.800	1085.000
%RSD		±0.000	1.818	2.138
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.758%	77.725%	1.947
%RSD		0.426	0.379	21.490
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.018	4.446	-2.088
%RSD		4.756	0.842	22.790
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.560	357.900	0.178
%RSD		0.761	0.509	9.185
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.656	3.251	23.120
%RSD		5.550	2.350	3.373
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.855%	1.490	0.146
%RSD		0.201	3.061	35.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.776	2.459	3.937
%RSD		27.280	4.556	3.774
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.098	0.213
%RSD		0.000	16.430	1207.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.115	78.703%	108.200
%RSD		21.440	0.460	0.536
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.772	3.200	0.000
%RSD		0.768	4.518	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.349%	0.319	1.644
%RSD		0.477	7.450	1.082
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.192	85.506%	
%RSD		0.966	0.377	

ICSA 11/23/2012 18:56:11 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.301%	0.004	0.844
%RSD		0.731	46.590	33.950
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		151650.000	51840.000	49350.000
%RSD		10.441	0.250	0.525
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	152380.000	48920.000
%RSD		10.000	10.273	0.533
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.989%	84.273%	1022.000
%RSD		0.406	1.220	2.929
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.209	0.407	-1.733
%RSD		24.420	1.139	28.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.165	52030.000	0.072
%RSD		2.462	0.156	17.700
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.401	0.368	1.375
%RSD		4.178	22.210	15.680
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.755%	0.377	-0.102
%RSD		0.688	26.220	96.960
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.037	0.187	1003.000
%RSD		509.800	7.370	1.666
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.029	60.630
%RSD		0.000	22.960	23.270
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.158	83.281%	0.478
%RSD		47.250	0.615	7.658
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.206	0.127	0.000
%RSD		2.747	33.450	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.854%	0.237	0.144
%RSD		0.951	1.401	2.360
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.193	82.463%	
%RSD		5.831	0.647	

ICSAB 11/23/2012 19:01:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.389%	102.009%	97.959%
%RSD		0.504	0.483	1.727
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>103.394%</u>	104.458%	<u>M 99.408%</u>
%RSD		<u>0.696</u>	1.022	<u>M 0.308</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>106.490%</u>	98.651%
%RSD		<u>0.000</u>	<u>0.340</u>	0.043
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.797%	88.027%	<u>M 102.599%</u>
%RSD		0.352	0.128	<u>M 0.312</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.200%	99.037%	10.300
%RSD		0.598	0.770	3.199
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		104.913%	<u>TM 104.774%</u>	96.472%
%RSD		0.402	<u>TM 0.922</u>	0.956
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		97.663%	96.677%	102.546%
%RSD		1.754	0.888	1.451
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.416%	96.274%	-0.209
%RSD		0.746	0.468	72.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.176%	97.101%	<u>M 1127.000</u>
%RSD		1.769	0.930	<u>M 1.371</u>
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.728%	118.800
%RSD		0.000	0.613	14.550
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		106.968%	86.847%	106.028%
%RSD		1.054	0.618	0.655
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.907%	104.670%	0.000
%RSD		0.789	0.802	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.548%	105.806%	104.445%
%RSD		1.011	1.324	0.390
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		107.659%	85.288%	
%RSD		0.571	0.632	

CCV 11/23/2012 19:08:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.532%	103.230%	98.986%
%RSD		0.490	0.108	1.151
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>102.180%</u>	101.491%	105.579%
%RSD		<u>0.645</u>	0.328	0.362
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>103.019%</u>	96.008%
%RSD		<u>0.000</u>	<u>0.094</u>	0.093
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.752%	84.736%	100.735%
%RSD		0.348	0.390	1.901
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.365%	96.882%	9.180
%RSD		0.233	0.748	31.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>99.225%</u>	<u>103.500%</u>	96.764%
%RSD		<u>0.217</u>	<u>0.148</u>	0.313
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		97.669%	97.786%	102.088%
%RSD		0.690	0.793	0.599
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.796%	98.174%	-0.717
%RSD		0.266	0.171	8.463
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.185%	98.062%	118.357%
%RSD		1.966	0.780	2.252
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	103.752%	62.550
%RSD		0.000	0.235	29.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		105.789%	82.994%	103.505%
%RSD		0.695	0.505	0.549
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		103.803%	100.288%	0.000
%RSD		1.180	1.116	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.743%	106.361%	102.371%
%RSD		0.567	0.510	0.682
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		104.235%	83.278%	
%RSD		0.662	0.432	

CCB 11/23/2012 19:15:36 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.940%	0.068	1.002
%RSD		1.235	15.290	22.280
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		30.960	32.430	10.080
%RSD		2.770	7.428	8.139
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	35.790	49.660
%RSD		±0.000	1.754	24.110
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.851%	78.589%	0.448
%RSD		0.575	0.335	22.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.160	-0.103	-1.921
%RSD		98.630	14.690	28.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.897	43.430	0.087
%RSD		1.596	4.025	12.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.098	0.116	1.013
%RSD		11.590	23.370	20.070
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.756%	0.136	0.052
%RSD		0.134	29.670	158.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.032	0.089	2.797
%RSD		98.140	12.250	10.020
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.065	0.661
%RSD		0.000	9.725	232.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.046	80.331%	0.463
%RSD		9.798	0.528	4.682
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.238	0.164	0.000
%RSD		2.488	18.820	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.634%	0.957	0.454
%RSD		0.036	9.068	5.239
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.142	87.254%	
%RSD		4.547	1.034	

mb 240-65558/1-a, 11/23/2012 19:20:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.717%	0.004	1.164
%RSD		0.357	144.600	11.260
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		55.850	52.650	3.819
%RSD		1.231	12.490	21.710
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	45.670	202.000
%RSD		±0.000	2.422	3.201
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.709%	78.309%	0.246
%RSD		0.128	0.190	20.410
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.040	0.202	-3.711
%RSD		151.000	16.770	6.296
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.766	34.610	0.012
%RSD		2.454	0.881	51.330
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.142	0.546	4.804
%RSD		17.130	12.640	11.620
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.608%	-0.079	0.579
%RSD		0.336	100.500	9.904
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.010	0.383	1.786
%RSD		285.700	4.442	4.984
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.006	0.806
%RSD		0.000	31.950	80.570
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.010	78.848%	26.290
%RSD		96.110	0.039	1.551
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.112	1.129	0.000
%RSD		7.570	2.213	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.147%	0.476	0.314
%RSD		0.602	7.699	4.435
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.315	85.051%	
%RSD		4.333	0.567	

Ics 240-65558/3-a, 11/23/2012 19:25:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.704%	M 923.900	87.100
%RSD		0.026	M 0.199	1.797
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10370.000	10130.000	M 9807.000
%RSD		0.932	1.413	M 1.278
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9887.000	9104.000
%RSD		T 0.000	T 0.317	0.484
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.580%	76.084%	97.040
%RSD		0.412	0.640	2.229
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 909.000	M 946.900	117.500
%RSD		M 0.274	M 0.445	6.760
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 967.500	T 10050.000	M 925.400
%RSD		T 0.242	T 0.955	M 0.783
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 934.000	M 942.000	M 909.400
%RSD		M 0.898	M 0.811	M 0.866
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.222%	M 844.200	-4.859
%RSD		0.772	M 0.443	6.208
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 801.700	M 904.500	95.860
%RSD		M 0.872	M 0.660	0.493
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	102.500	450.300
%RSD		0.000	0.739	26.370
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 969.300	78.227%	113.400
%RSD		M 0.184	0.586	0.237
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		94.180	M 957.400	0.000
%RSD		0.933	M 0.605	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.378%	95.000	TM 229.600
%RSD		0.473	0.610	TM 0.439
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 958.800	82.570%	
%RSD		TM 0.614	0.141	

240-17583 -c-8-a, 11/23/2012 19:32:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.169%	5.994	M 283.700
%RSD		1.016	1.943	M 1.745
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1396.000	M 261200.000	M 51550.000
%RSD		1.458	M 1.317	M 1.400
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 4183.000	TM 1007000.000
%RSD		T 0.000	T 0.579	TM 0.238
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.335%	60.746%	M 10410.000
%RSD		0.617	1.649	M 0.817
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1822.000	TM 10110.000	1726.000
%RSD		M 0.225	TM 0.359	1.510
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 362000.000	TM 1487000.000	15.550
%RSD		TM 0.324	TM 0.279	1.154
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		44.120	M 366.700	M 755.800
%RSD		1.209	M 0.545	M 0.414
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.030%	19.840	1.022
%RSD		0.907	1.258	9.120
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.241	M 579.000	17.880
%RSD		13.580	M 0.624	0.917
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.446	-92.330
%RSD		0.000	6.842	24.280
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		3.504	63.630%	99.590
%RSD		1.549	1.001	0.488
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.870	M 783.800	0.000
%RSD		2.621	M 0.370	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		70.891%	M 204.000	1.029
%RSD		1.621	M 0.657	5.210
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 436.100	63.958%	
%RSD		TM 0.285	1.466	

SD 240-17583 -c-8-a@5, 11/23/2012 19:37:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.655%	1.891	80.900
%RSD		0.710	4.394	0.505
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		328.300	64080.000	<u>M 12680.000</u>
%RSD		1.894	0.055	<u>M 0.848</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	948.600	<u>M 231100.000</u>
%RSD		<u>T 0.000</u>	0.641	<u>M 0.355</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.541%	68.416%	<u>M 2436.000</u>
%RSD		0.247	1.290	<u>M 0.241</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 453.000</u>	<u>M 2477.000</u>	330.100
%RSD		<u>M 0.550</u>	<u>M 0.484</u>	0.569
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 95870.000</u>	<u>TM 365700.000</u>	4.018
%RSD		<u>TM 0.518</u>	<u>TM 0.485</u>	3.350
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		11.980	100.000	<u>M 225.200</u>
%RSD		2.017	0.782	<u>M 0.306</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.497%	5.628	0.316
%RSD		0.486	3.116	40.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.262	131.600	4.096
%RSD		16.990	0.490	3.148
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.130	-7.033
%RSD		0.000	4.919	171.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.093	71.411%	24.220
%RSD		9.906	0.713	0.392
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.873	182.900	0.000
%RSD		3.322	0.597	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.946%	51.800	0.410
%RSD		0.587	1.464	5.425
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		111.100	74.633%	
%RSD		0.628	0.762	

PDS 240-17583 -c-8-a, 11/23/2012 19:42:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.599%	M 758.600	M 373.100
%RSD		0.790	M 0.674	M 1.177
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12070.000	M 322100.000	M 70610.000
%RSD		0.777	M 0.086	M 0.784
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 17150.000	TM 1230000.000
%RSD		T 0.000	T 1.766	TM 0.928
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		53.830%	59.182%	M 12520.000
%RSD		0.382	1.228	M 0.276
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 3115.000	TM 13030.000	2085.000
%RSD		M 0.312	TM 0.703	2.583
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 428900.000	TM 1776000.000	M 862.100
%RSD		TM 0.505	TM 0.957	M 0.937
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 835.000	M 1174.000	M 1564.000
%RSD		M 0.623	M 0.962	M 0.268
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.570%	M 742.200	-3.165
%RSD		0.897	M 0.707	20.490
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 662.500	M 1674.000	125.000
%RSD		M 1.276	M 0.620	1.534
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	84.830	365.400
%RSD		0.000	0.812	49.840
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 848.300	60.928%	M 214.700
%RSD		M 0.959	1.000	M 0.821
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		88.940	M 1964.000	0.000
%RSD		0.622	M 0.471	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		68.286%	M 337.700	TM 237.200
%RSD		0.979	M 1.042	TM 1.044
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1393.000	61.516%	
%RSD		TM 1.282	1.191	

240-17583 -c-8-b ms@5, 11/23/2012 19:49:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.626%	176.500	106.100
%RSD		0.793	0.761	2.326
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2288.000	71180.000	M 16730.000
%RSD		1.379	0.534	M 1.067
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2821.000	M 253800.000
%RSD		T 0.000	T 1.011	M 0.378
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.500%	66.691%	M 2791.000
%RSD		0.864	1.074	M 0.558
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 689.600	M 2825.000	401.300
%RSD		M 0.717	M 0.201	5.140
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 103200.000	TM 378700.000	178.400
%RSD		TM 0.230	TM 0.616	0.426
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		191.500	M 272.500	M 421.600
%RSD		0.869	M 0.472	M 0.441
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.678%	176.300	-0.789
%RSD		0.619	0.290	27.520
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		166.400	M 318.700	22.230
%RSD		0.786	M 0.394	0.575
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	18.770	98.870
%RSD		0.000	0.614	88.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		185.700	70.176%	43.590
%RSD		0.489	0.378	1.170
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		7.367	M 377.900	0.000
%RSD		2.188	M 0.514	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.225%	71.250	47.320
%RSD		0.964	0.545	0.485
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 297.100	73.107%	
%RSD		TM 0.582	0.091	

240-17583 -c-8-c msd@5, 11/23/2012 19:55:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.943%	182.200	107.400
%RSD		0.393	0.218	1.237
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2303.000	81210.000	<u>M 15860.000</u>
%RSD		1.303	1.708	<u>M 1.056</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 2803.000</u>	<u>M 235400.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.810</u>	<u>M 0.188</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.807%	65.174%	<u>M 2813.000</u>
%RSD		0.391	0.702	<u>M 1.499</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 765.400</u>	<u>M 2791.000</u>	368.400
%RSD		<u>M 0.772</u>	<u>M 0.711</u>	3.355
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 107100.000</u>	<u>TM 395500.000</u>	181.000
%RSD		<u>TM 0.437</u>	<u>TM 0.559</u>	0.218
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		184.300	<u>M 270.900</u>	<u>M 361.800</u>
%RSD		0.585	<u>M 0.884</u>	<u>M 1.033</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.003%	176.900	-1.288
%RSD		0.661	0.906	26.740
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		167.100	<u>M 318.700</u>	23.330
%RSD		1.714	<u>M 0.756</u>	1.054
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	18.970	145.700
%RSD		0.000	1.444	89.470
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		190.400	67.938%	43.070
%RSD		1.168	0.159	0.593
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		7.263	<u>M 366.500</u>	0.000
%RSD		3.201	<u>M 0.978</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.092%	70.960	44.840
%RSD		0.851	1.064	0.588
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M 245.800</u>	76.764%	
%RSD		<u>M 0.922</u>	0.360	

240-17583 -c-9-a, 11/23/2012 20:02:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		47.211%	6.697	173.200
%RSD		0.544	1.550	0.927
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1237.000	M 164900.000	TM 92210.000
%RSD		0.177	M 0.720	TM 0.790
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9064.000	TM 785900.000
%RSD		T 0.000	T 0.809	TM 0.397
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		54.226%	59.250%	M 8162.000
%RSD		0.824	0.975	M 0.426
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1371.000	TM 4862.000	759.300
%RSD		M 0.598	TM 0.293	2.981
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 237500.000	TM 1233000.000	51.100
%RSD		TM 0.404	TM 0.894	0.561
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		151.600	M 566.100	M 2390.000
%RSD		0.249	M 0.206	M 0.360
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.367%	59.280	0.938
%RSD		1.062	1.299	15.540
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.744	M 536.000	20.320
%RSD		2.346	M 0.340	1.650
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.440	-121.200
%RSD		0.000	2.517	21.210
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		15.800	62.619%	151.200
%RSD		1.776	1.972	0.484
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		8.579	M 1045.000	0.000
%RSD		2.652	M 0.505	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		70.357%	123.800	1.111
%RSD		1.476	1.122	1.561
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 695.400	104.474%	
%RSD		TM 0.575	0.893	

CCV 10 11/23/2012 20:07:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.124%	102.418%	99.770%
%RSD		0.497	0.293	1.275
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>104.331%</u>	103.879%	104.616%
%RSD		<u>0.775</u>	0.748	1.037
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>107.305%</u>	94.835%
%RSD		<u>0.000</u>	<u>0.070</u>	0.466
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.196%	75.836%	105.210%
%RSD		0.385	0.580	6.635
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.313%	98.212%	9.730
%RSD		0.686	0.371	25.480
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>103.918%</u>	<u>107.168%</u>	96.996%
%RSD		<u>0.084</u>	<u>0.729</u>	0.944
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		97.515%	98.680%	103.327%
%RSD		0.291	1.132	1.112
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.898%	97.338%	-0.671
%RSD		0.445	1.167	4.839
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.566%	98.279%	104.828%
%RSD		0.576	0.080	1.007
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.716%	37.410
%RSD		0.000	0.352	140.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		105.984%	75.672%	104.924%
%RSD		1.123	0.550	0.664
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.581%	101.396%	0.000
%RSD		0.990	0.697	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.854%	109.778%	102.570%
%RSD		1.197	0.045	0.255
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.381%	78.321%	
%RSD		0.426	0.163	

CCB 10 11/23/2012 20:14:26 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.169%	0.089	2.393
%RSD		0.828	11.910	18.310
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34.370	41.040	11.160
%RSD		5.516	8.078	4.289
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	37.300	51.950
%RSD		±0.000	0.696	17.330
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.927%	73.065%	1.015
%RSD		0.080	0.615	31.970
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.085	-0.091	-2.161
%RSD		140.200	19.470	10.800
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.654	53.450	0.089
%RSD		3.912	3.418	12.020
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.118	0.153	0.996
%RSD		40.340	30.730	4.326
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.025%	0.090	0.070
%RSD		0.416	29.570	138.300
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.018	0.115	0.510
%RSD		426.700	23.670	15.830
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.060	-0.981
%RSD		0.000	9.016	90.650
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.076	74.757%	0.425
%RSD		22.180	0.313	4.574
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.274	0.114	0.000
%RSD		9.948	39.180	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.528%	1.474	0.449
%RSD		0.621	8.993	4.868
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.168	82.476%	
%RSD		2.515	0.013	

240-17583 -d-10 -a, 11/23/2012 20:19:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.597%	6.490	57.000
%RSD		0.104	2.561	3.164
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		902.500	62050.000	<u>TM</u> 136600.000
%RSD		0.241	0.541	<u>TM</u> 0.115
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 13090.000	<u>M</u> 126200.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.528	<u>M</u> 0.279
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.065%	78.014%	<u>M</u> 5036.000
%RSD		0.532	0.584	<u>M</u> 0.711
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 605.000	<u>M</u> 777.700	88.580
%RSD		<u>M</u> 0.903	<u>M</u> 0.490	10.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 37000.000	<u>TM</u> 416200.000	141.300
%RSD		<u>TM</u> 0.213	<u>TM</u> 0.432	0.653
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		160.200	<u>M</u> 212.000	<u>M</u> 1516.000
%RSD		1.115	<u>M</u> 0.788	<u>M</u> 0.239
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.774%	47.950	0.845
%RSD		1.080	0.205	6.176
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.670	<u>M</u> 206.500	14.260
%RSD		8.817	<u>M</u> 0.512	1.148
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.382	-62.100
%RSD		0.000	0.605	29.880
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		9.794	77.313%	43.490
%RSD		3.099	0.383	0.623
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.601	<u>M</u> 937.600	0.000
%RSD		1.270	<u>M</u> 0.480	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.272%	8.575	2.232
%RSD		1.183	0.655	2.056
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 518.800	81.431%	
%RSD		<u>TM</u> 1.049	1.719	

240-17583 -c-11 -a, 11/23/2012 20:24:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		42.914%	7.052	M 223.000
%RSD		0.143	1.068	M 1.028
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		914.300	M 279100.000	M 65020.000
%RSD		0.610	M 0.483	M 0.619
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	1980.000	TM 1455000.000
%RSD		T 0.000	0.183	TM 0.548
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		50.936%	53.867%	M 4824.000
%RSD		0.671	0.738	M 0.047
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1539.000	TM 12430.000	1928.000
%RSD		M 0.493	TM 0.542	2.382
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 317500.000	TM 1632000.000	6.817
%RSD		TM 0.346	TM 0.368	1.947
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		18.760	M 230.400	106.400
%RSD		2.421	M 0.797	0.971
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.401%	8.626	1.228
%RSD		0.223	1.989	11.190
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.749	M 813.900	6.476
%RSD		10.680	M 0.763	1.807
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.102	-94.930
%RSD		0.000	13.910	8.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.299	56.768%	52.700
%RSD		6.893	0.277	0.930
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.667	M 770.000	0.000
%RSD		6.715	M 0.724	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		64.392%	139.800	0.391
%RSD		1.126	0.980	3.923
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		18.400	47.241%	
%RSD		0.516	1.151	

240-17583 -c-12 -a, 11/23/2012 20:29:23 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.898%	7.085	114.000
%RSD		0.301	0.490	2.937
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1213.000	M 129700.000	TM 86370.000
%RSD		0.909	M 0.662	TM 0.726
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9692.000	TM 467700.000
%RSD		T 0.000	T 0.317	TM 1.029
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.940%	63.046%	M 5064.000
%RSD		0.696	0.942	M 0.545
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 710.200	M 2921.000	402.800
%RSD		M 0.483	M 0.263	2.607
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 111300.000	TM 771200.000	72.130
%RSD		TM 0.238	TM 0.521	0.218
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		170.100	M 537.100	M 5396.000
%RSD		1.003	M 0.146	M 0.280
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.465%	74.370	0.962
%RSD		0.914	1.513	5.443
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.453	M 411.300	33.120
%RSD		8.600	M 0.294	0.696
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	3.447	-100.300
%RSD		0.000	2.591	12.910
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		29.620	66.196%	164.100
%RSD		1.089	1.149	0.260
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		8.093	M 870.700	0.000
%RSD		0.412	M 0.204	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.631%	52.520	0.731
%RSD		1.372	0.452	1.657
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1053.000	168.320%	
%RSD		TM 0.597	0.539	

240-17583 -c-13 -a, 11/23/2012 20:34:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.068%	5.760	45.990
%RSD		0.954	1.693	1.867
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		819.600	50120.000	<u>TM</u> 130100.000
%RSD		1.049	0.622	<u>TM</u> 0.595
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 13240.000	50070.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.327	0.252
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.635%	79.456%	<u>M</u> 5094.000
%RSD		0.099	0.467	<u>M</u> 0.112
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 446.500	<u>M</u> 324.400	38.810
%RSD		<u>M</u> 0.191	<u>M</u> 0.508	4.438
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 13350.000	<u>TM</u> 333900.000	132.300
%RSD		<u>TM</u> 0.218	<u>TM</u> 0.477	0.405
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		165.700	<u>M</u> 209.300	<u>M</u> 1312.000
%RSD		1.616	<u>M</u> 0.717	<u>M</u> 0.626
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.397%	44.850	0.840
%RSD		0.790	1.361	2.319
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.059	157.600	15.090
%RSD		6.109	0.653	1.063
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.221	-61.550
%RSD		0.000	5.041	15.870
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		7.177	78.536%	41.190
%RSD		1.786	0.259	0.687
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.759	<u>M</u> 885.900	0.000
%RSD		1.848	<u>M</u> 0.584	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.040%	6.994	2.101
%RSD		0.960	5.201	0.272
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 438.900	84.651%	
%RSD		<u>TM</u> 0.457	0.101	

240-17680 -f-1-a, 11/23/2012 20:39:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.834%	5.475	153.900
%RSD		0.364	2.215	0.569
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		22950.000	M 131300.000	M 62250.000
%RSD		0.896	M 0.997	M 0.946
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 16780.000	TM 887700.000
%RSD		T 0.000	T 0.675	TM 0.183
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.748%	69.951%	M 2572.000
%RSD		1.083	0.928	M 0.448
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		168.200	M 199.700	21.820
%RSD		0.875	M 1.128	13.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 4694.000	TM 125900.000	37.640
%RSD		TM 0.279	TM 0.635	1.605
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		112.500	184.300	M 1396.000
%RSD		1.337	0.911	M 0.172
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.287%	45.890	1.037
%RSD		0.293	1.876	8.898
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.351	TM 1907.000	74.420
%RSD		6.451	TM 0.331	0.728
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.683	-67.630
%RSD		0.000	5.187	17.760
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		8.155	71.570%	34.560
%RSD		3.578	1.128	0.227
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		M 432.600	M 1049.000	0.000
%RSD		M 0.892	M 0.485	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.677%	3.785	1.191
%RSD		1.092	2.802	2.119
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 531.400	66.450%	
%RSD		TM 0.433	0.820	

240-17680 -f-2-a, 11/23/2012 20:44:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.159%	8.627	170.900
%RSD		0.918	0.926	2.851
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8580.000	<u>M 200400.000</u>	<u>TM 78720.000</u>
%RSD		0.455	<u>M 0.815</u>	<u>TM 0.835</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 17810.000</u>	<u>TM 1261000.000</u>
%RSD		<u>T 0.000</u>	<u>T 1.023</u>	<u>TM 0.411</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.782%	66.858%	<u>M 2873.000</u>
%RSD		0.204	0.646	<u>M 1.487</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 206.200</u>	<u>M 263.900</u>	28.160
%RSD		<u>M 0.704</u>	<u>M 0.715</u>	11.770
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 6645.000</u>	<u>TM 152900.000</u>	45.850
%RSD		<u>TM 0.490</u>	<u>TM 0.490</u>	0.848
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		137.800	<u>M 236.100</u>	<u>M 1066.000</u>
%RSD		1.279	<u>M 0.448</u>	<u>M 0.760</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.932%	59.610	1.254
%RSD		0.784	0.165	17.470
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.310	<u>TM 4153.000</u>	27.790
%RSD		3.253	<u>TM 0.698</u>	0.972
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.556	-99.590
%RSD		0.000	5.052	8.694
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		5.758	69.578%	34.580
%RSD		2.272	0.376	1.066
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		6.159	<u>M 1190.000</u>	0.000
%RSD		2.139	<u>M 0.601</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.543%	2.900	1.305
%RSD		0.858	0.980	0.762
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 591.100</u>	61.609%	
%RSD		<u>TM 0.385</u>	1.359	

240-17680 -f-3-a, 11/23/2012 20:49:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.277%	5.332	162.800
%RSD		1.126	0.888	3.366
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12780.000	M 166600.000	M 66740.000
%RSD		1.141	M 1.099	M 0.922
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 20120.000	TM 935000.000
%RSD		T 0.000	T 0.813	TM 0.617
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.893%	68.236%	M 2718.000
%RSD		0.365	0.684	M 0.755
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 204.500	M 276.800	29.990
%RSD		M 0.411	M 0.588	10.260
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 5006.000	TM 134500.000	46.600
%RSD		TM 0.502	TM 0.824	1.102
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		133.300	M 224.500	M 2135.000
%RSD		1.146	M 0.773	M 0.806
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.901%	65.190	1.117
%RSD		0.889	1.070	5.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.254	TM 1790.000	127.700
%RSD		4.873	TM 0.698	2.869
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.661	-111.400
%RSD		0.000	1.092	16.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		9.099	71.019%	38.440
%RSD		2.116	0.647	0.771
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		M 741.500	M 935.700	0.000
%RSD		M 0.218	M 0.405	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.803%	3.482	1.484
%RSD		0.584	4.056	1.500
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 456.800	67.672%	
%RSD		TM 0.243	0.909	

240-17680 -f-4-a, 11/23/2012 20:54:21 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.462%	5.888	142.800
%RSD		0.766	2.127	1.638
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9316.000	<u>M 180500.000</u>	<u>M 70520.000</u>
%RSD		0.980	<u>M 0.585</u>	<u>M 0.608</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 17640.000</u>	<u>TM 1277000.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.351</u>	<u>TM 0.480</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.691%	63.997%	<u>M 2894.000</u>
%RSD		0.476	1.118	<u>M 0.237</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 205.500</u>	<u>M 237.900</u>	23.110
%RSD		<u>M 0.613</u>	<u>M 0.311</u>	7.793
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 5821.000</u>	<u>TM 150400.000</u>	46.020
%RSD		<u>TM 0.246</u>	<u>TM 0.552</u>	0.820
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		141.800	<u>M 260.600</u>	<u>M 1087.000</u>
%RSD		0.212	<u>M 1.003</u>	<u>M 0.348</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.516%	56.200	1.209
%RSD		0.292	0.378	3.619
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.365	<u>TM 3093.000</u>	28.580
%RSD		1.668	<u>TM 0.355</u>	0.433
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.882	-94.750
%RSD		0.000	3.853	22.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		6.277	67.655%	36.870
%RSD		5.487	0.463	0.381
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		10.720	<u>M 1156.000</u>	0.000
%RSD		6.281	<u>M 0.426</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.760%	3.440	1.399
%RSD		1.184	0.731	2.843
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 664.700</u>	59.623%	
%RSD		<u>TM 0.846</u>	0.402	

mb 240-65743/1-a, 11/23/2012 20:59:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.438%	0.010	3.187
%RSD		0.662	93.230	12.530
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		50.970	70.100	16.680
%RSD		2.985	27.640	31.340
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	48.200	403.200
%RSD		±0.000	2.565	5.133
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.482%	79.963%	4.910
%RSD		0.323	0.260	14.410
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.086	0.591	-4.596
%RSD		91.000	8.612	10.740
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		4.410	86.200	0.031
%RSD		8.921	18.580	19.280
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.435	0.673	5.395
%RSD		15.900	4.711	8.318
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.981%	0.036	0.643
%RSD		0.269	197.800	4.276
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.017	0.634	0.442
%RSD		313.200	18.390	31.950
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.727
%RSD		0.000	161.500	106.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.022	82.608%	18.970
%RSD		66.530	0.497	1.327
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.021	0.946	0.000
%RSD		6.974	6.090	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.331%	0.292	0.087
%RSD		1.013	9.067	6.638
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.433	88.591%	
%RSD		10.320	0.770	

Ics 240-65743/2-a, 11/23/2012 21:04:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.392%	M 927.900	87.220
%RSD		0.508	M 0.358	0.582
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9641.000	9479.000	M 9069.000
%RSD		0.544	1.714	M 0.882
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9892.000	8958.000
%RSD		T 0.000	T 0.142	0.317
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.724%	76.484%	96.320
%RSD		0.284	0.372	3.109
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 879.300	M 906.800	104.900
%RSD		M 0.411	M 0.435	3.177
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 957.800	T 9802.000	M 897.200
%RSD		T 0.317	T 0.588	M 0.656
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 913.800	M 922.000	M 854.800
%RSD		M 0.499	M 0.431	M 0.893
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.011%	M 824.900	-4.674
%RSD		0.256	M 0.065	9.316
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 773.000	M 868.300	92.030
%RSD		M 0.589	M 0.436	0.698
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.700	622.600
%RSD		0.000	0.407	11.710
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 920.400	78.726%	111.200
%RSD		M 0.211	0.279	1.420
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		91.310	M 937.000	0.000
%RSD		1.231	M 0.705	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.319%	90.450	T 222.200
%RSD		0.438	1.270	T 0.364
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		T 932.300	82.577%	
%RSD		T 0.609	0.328	

CCV 11 11/23/2012 21:11:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.747%	108.724%	101.227%
%RSD		1.050	0.616	0.869
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.284%	100.228%	104.270%
%RSD		0.774	1.518	0.762
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.687%	95.118%
%RSD		0.000	0.557	0.069
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.608%	74.724%	101.860%
%RSD		0.852	0.494	0.789
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.454%	98.309%	10.080
%RSD		0.249	0.480	13.730
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		103.669%	104.987%	98.276%
%RSD		0.227	0.765	0.391
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.202%	100.076%	101.581%
%RSD		0.417	1.804	2.083
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.643%	98.902%	-0.819
%RSD		1.263	0.929	21.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.606%	97.797%	106.481%
%RSD		2.872	0.652	0.929
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	105.726%	56.930
%RSD		0.000	0.207	113.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		105.497%	75.036%	104.218%
%RSD		0.689	0.898	0.194
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.748%	103.020%	0.000
%RSD		0.604	0.899	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.273%	106.377%	102.907%
%RSD		1.111	0.750	0.555
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.632%	75.273%	
%RSD		0.835	0.268	

CCB 11 11/23/2012 21:18:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.486%	0.099	2.229
%RSD		0.590	7.522	14.990
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		36.660	40.470	13.980
%RSD		2.616	7.716	18.980
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	43.290	71.450
%RSD		±0.000	5.153	5.054
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.972%	72.701%	0.519
%RSD		0.561	0.188	48.030
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.230	0.023	-2.153
%RSD		112.200	109.100	36.830
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		6.700	75.560	0.115
%RSD		1.331	2.777	14.610
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.113	0.199	0.848
%RSD		25.210	28.200	9.157
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.375%	0.243	0.044
%RSD		0.846	35.130	210.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.163	0.128	0.532
%RSD		56.040	11.730	21.010
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.071	-1.644
%RSD		0.000	16.420	101.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.068	74.363%	0.409
%RSD		8.922	1.003	5.797
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.699	0.196	0.000
%RSD		6.614	23.530	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.757%	0.970	0.488
%RSD		0.270	9.807	2.631
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.226	80.284%	
%RSD		4.105	0.105	

240-17766 -c-1-a, 11/23/2012 21:23:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.064%	4.207	35.450
%RSD		0.616	1.729	5.813
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2214.000	49450.000	<u>M</u> 62480.000
%RSD		1.299	1.117	<u>M</u> 0.755
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 6948.000	71970.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.491	0.160
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.504%	72.512%	<u>M</u> 5803.000
%RSD		0.840	1.242	<u>M</u> 0.678
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 388.000	146.400	11.410
%RSD		<u>M</u> 0.997	1.628	6.302
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 2433.000	<u>TM</u> 175000.000	57.840
%RSD		<u>TM</u> 0.120	<u>TM</u> 1.421	1.287
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		142.100	176.600	<u>M</u> 259.800
%RSD		1.115	0.914	<u>M</u> 0.943
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.457%	24.600	1.127
%RSD		0.963	0.654	12.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.457	139.100	2.097
%RSD		12.440	0.401	2.044
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.185	-68.790
%RSD		0.000	5.873	10.740
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.717	73.441%	12.430
%RSD		7.951	1.315	1.930
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.799	<u>M</u> 336.200	0.000
%RSD		3.815	<u>M</u> 0.691	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.823%	1.283	0.879
%RSD		1.493	1.372	1.131
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		40.420	74.628%	
%RSD		0.266	1.122	

SD 240-17766 -c-1-a@5, 11/23/2012 21:28:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.452%	0.952	9.200
%RSD		0.372	12.500	8.588
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		471.800	10490.000	M 13290.000
%RSD		1.394	0.708	M 0.173
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	1514.000	15200.000
%RSD		± 0.000	0.627	0.510
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.236%	71.696%	M 1211.000
%RSD		0.166	0.241	M 1.403
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		80.980	30.770	0.622
%RSD		1.053	0.725	36.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 519.700	± 36780.000	12.150
%RSD		± 0.302	± 0.176	0.912
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		30.600	39.070	60.540
%RSD		2.153	0.862	1.524
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.595%	5.436	0.243
%RSD		0.986	4.986	29.310
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.652	28.070	0.197
%RSD		28.080	0.360	40.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.046	-20.850
%RSD		0.000	11.040	14.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.182	73.851%	2.774
%RSD		7.657	0.358	1.895
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.656	71.910	0.000
%RSD		3.200	1.190	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.570%	0.465	0.298
%RSD		0.711	4.857	3.059
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		8.243	79.822%	
%RSD		0.132	0.343	

PDS 240-17766 -c-1-a, 11/23/2012 21:33:48 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.862%	M 999.100	126.500
%RSD		1.172	M 0.950	2.819
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12130.000	57410.000	M 68800.000
%RSD		1.089	1.012	M 0.534
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 17020.000	78620.000
%RSD		T 0.000	T 0.510	0.081
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.134%	68.919%	M 5669.000
%RSD		0.413	0.527	M 0.897
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1298.000	M 1079.000	124.900
%RSD		M 1.156	M 1.397	0.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 3331.000	TM 179700.000	M 975.100
%RSD		TM 0.430	TM 1.368	M 1.109
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1054.000	M 1090.000	M 1160.000
%RSD		M 1.233	M 1.169	M 0.952
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.981%	M 917.400	-5.611
%RSD		0.846	M 0.822	7.198
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 864.800	M 1070.000	105.000
%RSD		M 1.234	M 1.064	0.773
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.900	426.900
%RSD		0.000	0.478	21.690
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 1006.000	69.113%	117.400
%RSD		M 0.643	0.258	0.843
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.400	M 1292.000	0.000
%RSD		0.710	M 0.401	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.303%	97.000	TM 243.000
%RSD		0.959	1.029	TM 0.622
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1047.000	72.258%	
%RSD		TM 0.751	0.133	

240-17766 -c-1-b ms, 11/23/2012 21:41:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.318%	<u>M</u> 896.800	109.300
%RSD		0.569	<u>M</u> 0.374	2.409
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		11240.000	55780.000	<u>M</u> 71490.000
%RSD		1.501	1.066	<u>M</u> 1.020
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 15990.000	67640.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.585	0.216
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.772%	67.711%	<u>M</u> 4119.000
%RSD		0.284	0.521	<u>M</u> 0.568
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 1179.000	<u>M</u> 1009.000	118.500
%RSD		<u>M</u> 1.182	<u>M</u> 0.853	9.636
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3115.000	<u>TM</u> 160400.000	<u>M</u> 911.800
%RSD		<u>TM</u> 0.359	<u>TM</u> 0.923	<u>M</u> 0.654
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 990.900	<u>M</u> 1012.000	<u>M</u> 1027.000
%RSD		<u>M</u> 0.131	<u>M</u> 0.364	<u>M</u> 0.602
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.320%	<u>M</u> 795.200	-3.946
%RSD		0.450	<u>M</u> 0.462	15.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M</u> 711.900	<u>M</u> 1014.000	91.520
%RSD		<u>M</u> 0.554	<u>M</u> 0.259	0.057
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	93.770	393.300
%RSD		0.000	0.952	16.840
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M</u> 891.500	69.034%	95.370
%RSD		<u>M</u> 0.760	0.439	1.071
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		33.290	<u>M</u> 1243.000	0.000
%RSD		2.384	<u>M</u> 0.608	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.125%	62.620	<u>TM</u> 224.400
%RSD		0.928	1.011	<u>TM</u> 0.605
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 964.500	71.624%	
%RSD		<u>TM</u> 0.965	0.244	

240-17766 -c-1-c msd, 11/23/2012 21:48:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.393%	M 946.400	109.800
%RSD		0.338	M 0.623	1.350
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		11190.000	56490.000	M 70570.000
%RSD		1.424	1.902	M 1.412
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 15590.000	72510.000
%RSD		T 0.000	T 0.070	0.188
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.726%	67.183%	M 4536.000
%RSD		0.350	1.008	M 1.102
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1161.000	M 993.300	117.300
%RSD		M 0.861	M 0.795	7.801
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 3395.000	TM 171200.000	M 885.800
%RSD		TM 0.199	TM 1.397	M 0.758
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 979.000	M 999.700	M 1101.000
%RSD		M 0.536	M 0.580	M 0.640
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.714%	M 844.500	-4.827
%RSD		0.543	M 0.274	16.410
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 806.700	M 971.700	86.030
%RSD		M 0.978	M 0.644	1.852
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	92.890	485.300
%RSD		0.000	0.782	12.380
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 930.100	67.572%	94.490
%RSD		M 0.345	0.348	1.482
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		33.170	M 1195.000	0.000
%RSD		0.578	M 0.431	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.209%	56.390	TM 216.700
%RSD		0.363	1.813	TM 0.767
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 936.100	71.936%	
%RSD		TM 1.072	0.253	

240-17766 -c-2-a, 11/23/2012 21:55:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.489%	4.165	28.810
%RSD		0.169	2.104	1.887
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2077.000	55880.000	M65600.000
%RSD		1.602	0.973	M0.853
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T5068.000	60360.000
%RSD		T0.000	T0.357	0.229
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.401%	66.688%	M6328.000
%RSD		0.144	0.559	M0.209
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M415.500	135.000	10.500
%RSD		M0.103	0.649	21.470
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM2938.000	TM200600.000	77.380
%RSD		TM0.327	TM0.544	0.537
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		167.900	M217.600	M322.700
%RSD		0.436	M0.323	M0.855
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.786%	26.590	1.034
%RSD		0.424	1.295	17.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.782	145.100	4.077
%RSD		8.253	0.252	10.840
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.225	-100.500
%RSD		0.000	9.316	1.837
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.754	67.521%	14.100
%RSD		3.628	0.459	0.645
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.842	M337.700	0.000
%RSD		4.005	M0.047	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.072%	2.788	1.324
%RSD		0.466	7.715	3.761
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		38.820	70.092%	
%RSD		0.653	0.261	

240-17766 -d-3-a, 11/23/2012 22:00:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.760%	4.698	29.010
%RSD		0.842	2.052	3.930
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1549.000	50700.000	<u>M 72830.000</u>
%RSD		1.199	0.563	<u>M 0.603</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 6237.000</u>	39700.000
%RSD		<u>T 0.000</u>	<u>T 0.766</u>	0.566
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.400%	67.867%	<u>M 5301.000</u>
%RSD		0.312	0.444	<u>M 0.783</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 335.800</u>	154.200	12.040
%RSD		<u>M 0.579</u>	0.855	6.823
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 3793.000</u>	<u>TM 205500.000</u>	75.190
%RSD		<u>TM 0.492</u>	<u>TM 0.475</u>	0.298
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		175.100	<u>M 252.600</u>	<u>M 296.500</u>
%RSD		1.018	<u>M 0.805</u>	<u>M 0.707</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.000%	24.060	0.983
%RSD		1.145	2.526	7.591
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.020	94.390	3.443
%RSD		10.770	0.341	6.494
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.215	-141.900
%RSD		0.000	5.128	7.262
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.771	68.604%	14.310
%RSD		6.479	0.245	1.018
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.287	<u>M 463.500</u>	0.000
%RSD		2.444	<u>M 0.735</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.111%	1.406	1.264
%RSD		1.086	0.463	1.547
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		40.740	71.508%	
%RSD		0.912	0.682	

240-17766 -g-4-a, 11/23/2012 22:05:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.540%	6.938	52.230
%RSD		0.685	2.240	1.739
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2427.000	52250.000	<u>M</u> 72950.000
%RSD		0.532	0.518	<u>M</u> 0.530
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 6052.000	<u>M</u> 154900.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.289	<u>M</u> 0.441
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.265%	67.011%	<u>M</u> 5985.000
%RSD		0.307	0.576	<u>M</u> 1.046
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 329.000	165.800	15.180
%RSD		<u>M</u> 0.922	0.608	17.350
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11060.000	<u>TM</u> 206700.000	64.700
%RSD		<u>TM</u> 0.273	<u>TM</u> 0.875	1.337
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		164.700	<u>M</u> 237.800	<u>M</u> 306.100
%RSD		1.315	<u>M</u> 0.788	<u>M</u> 1.552
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.387%	27.410	1.035
%RSD		0.506	1.377	7.051
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.912	<u>M</u> 273.300	2.842
%RSD		4.246	<u>M</u> 0.889	10.330
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.340	-121.000
%RSD		0.000	4.277	26.520
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.971	68.036%	15.050
%RSD		8.480	0.404	1.604
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.375	<u>M</u> 521.500	0.000
%RSD		0.551	<u>M</u> 0.679	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.261%	1.386	0.978
%RSD		0.994	0.992	1.597
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		68.390	69.772%	
%RSD		0.516	0.319	

240-17766 -d-5-a, 11/23/2012 22:10:33 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.823%	11.760	105.900
%RSD		0.458	1.337	1.645
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4287.000	32070.000	TM 90370.000
%RSD		0.377	0.747	TM 0.426
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		TM 0.000	TM 42790.000	M 237900.000
%RSD		TM 0.000	TM 0.642	M 0.193
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.943%	65.168%	M 3102.000
%RSD		0.273	0.611	M 0.648
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 206.500	M 234.300	23.260
%RSD		M 0.487	M 0.438	4.162
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 15590.000	TM 557900.000	41.640
%RSD		TM 0.136	TM 0.092	0.245
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		158.400	M 1452.000	M 5264.000
%RSD		0.671	M 0.678	M 0.472
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.316%	58.960	0.929
%RSD		1.054	1.318	8.289
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.813	M 1042.000	22.500
%RSD		13.590	M 0.034	1.567
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	18.750	-134.200
%RSD		0.000	1.141	28.740
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		15.400	69.021%	121.600
%RSD		2.438	0.451	0.209
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.808	M 905.100	0.000
%RSD		3.872	M 0.397	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.195%	3.482	2.220
%RSD		0.946	0.136	0.428
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 853.100	219.885%	
%RSD		TM 0.293	0.579	

240-17766 -c-6-a@5, 11/23/2012 22:15:32 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.790%	4.486	44.980
%RSD		0.513	3.593	1.167
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		550.200	13040.000	M24160.000
%RSD		0.379	0.806	M0.583
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T2498.000	97430.000
%RSD		T0.000	T0.916	0.470
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.310%	62.433%	M1160.000
%RSD		0.099	0.577	M2.249
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		59.660	158.600	17.110
%RSD		0.884	0.949	5.466
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM9589.000	TM360100.000	19.040
%RSD		TM0.189	TM0.483	1.492
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		57.970	M279.100	M2197.000
%RSD		0.843	M0.939	M0.337
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.433%	30.160	0.291
%RSD		0.358	2.296	12.290
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.903	174.900	16.720
%RSD		4.142	0.512	1.900
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.110	-53.390
%RSD		0.000	2.886	32.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		6.759	66.051%	56.200
%RSD		3.395	0.770	0.714
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.973	M331.800	0.000
%RSD		1.698	M1.311	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.293%	2.624	0.900
%RSD		0.673	0.965	0.753
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM339.500	244.410%	
%RSD		TM0.369	0.360	

CCV 12 11/23/2012 22:20:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.292%	104.723%	98.107%
%RSD		0.304	0.903	2.402
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.086%	102.061%	105.241%
%RSD		0.429	0.770	1.072
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	107.246%	94.879%
%RSD		0.000	0.436	0.210
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.765%	65.396%	105.440%
%RSD		0.715	0.648	3.647
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.472%	98.294%	8.827
%RSD		1.098	0.868	3.995
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		105.093%	106.349%	97.002%
%RSD		0.404	1.006	1.063
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.032%	98.974%	102.747%
%RSD		0.719	0.254	1.528
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.388%	98.075%	-0.830
%RSD		0.387	1.133	25.330
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.845%	98.369%	105.934%
%RSD		0.871	0.577	0.783
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	106.249%	-40.380
%RSD		0.000	0.948	135.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		107.870%	66.463%	105.858%
%RSD		0.873	0.349	1.127
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.886%	102.555%	0.000
%RSD		1.156	1.072	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.822%	107.290%	102.608%
%RSD		1.135	1.133	0.464
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		107.709%	70.791%	
%RSD		0.908	0.431	

CCB 12 11/23/2012 22:27:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.484%	0.137	1.760
%RSD		0.531	23.630	23.180
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		40.530	52.210	15.650
%RSD		3.526	5.454	1.637
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	47.300	95.160
%RSD		±0.000	1.686	6.710
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.609%	65.664%	1.136
%RSD		0.534	0.566	50.870
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.306	0.042	-3.143
%RSD		34.460	73.500	9.302
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		7.485	84.320	0.113
%RSD		0.249	3.698	18.730
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.159	0.201	1.116
%RSD		32.990	24.970	15.860
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.903%	0.173	0.024
%RSD		1.103	58.950	383.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.112	0.158	0.476
%RSD		86.360	12.320	31.090
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.077	0.292
%RSD		0.000	4.973	681.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.120	67.932%	0.432
%RSD		15.620	0.266	20.080
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.294	0.215	0.000
%RSD		10.910	35.020	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.743%	0.895	0.444
%RSD		0.277	14.300	4.783
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.312	76.881%	
%RSD		2.726	0.509	

240-17766 -c-7-a, 11/23/2012 22:32:43 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.545%	11.080	116.900
%RSD		0.337	1.355	1.591
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10660.000	30690.000	<u>TM</u> 145600.000
%RSD		0.510	0.321	<u>TM</u> 0.360
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 119600.000	<u>M</u> 171700.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.572	<u>M</u> 0.183
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.116%	70.779%	<u>M</u> 3730.000
%RSD		0.684	1.062	<u>M</u> 0.507
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 286.600	<u>M</u> 244.700	26.040
%RSD		<u>M</u> 0.556	<u>M</u> 0.094	19.300
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 21900.000	<u>TM</u> 516700.000	45.110
%RSD		<u>TM</u> 0.420	<u>TM</u> 0.125	0.684
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		130.900	<u>M</u> 1047.000	<u>M</u> 7961.000
%RSD		0.942	<u>M</u> 0.511	<u>M</u> 0.434
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.633%	62.950	0.853
%RSD		1.765	1.396	20.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.164	<u>M</u> 881.900	16.480
%RSD		15.070	<u>M</u> 0.416	1.109
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	18.570	-41.660
%RSD		0.000	2.020	47.980
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		17.670	75.326%	183.900
%RSD		0.338	1.328	0.446
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.084	<u>M</u> 1032.000	0.000
%RSD		1.357	<u>M</u> 0.494	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.921%	4.214	4.749
%RSD		1.613	1.422	0.375
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1674.000	171.636%	
%RSD		<u>TM</u> 0.355	1.235	

240-17766 -c-8-a, 11/23/2012 22:37:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.031%	10.600	59.820
%RSD		0.368	1.281	3.175
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1497.000	M 105300.000	TM 257800.000
%RSD		0.687	M 0.127	TM 0.282
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 21650.000	48100.000
%RSD		T 0.000	T 0.298	0.452
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.148%	76.097%	M 6039.000
%RSD		0.512	0.563	M 0.483
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 571.700	M 479.000	50.750
%RSD		M 0.330	M 0.465	4.879
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 2747.000	TM 363800.000	116.600
%RSD		TM 0.159	TM 0.291	0.031
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 297.600	M 304.700	M 552.000
%RSD		M 0.643	M 0.043	M 0.899
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.767%	30.780	1.128
%RSD		0.260	0.387	4.476
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.192	M 215.900	3.523
%RSD		5.914	M 0.488	1.993
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.467	-146.800
%RSD		0.000	5.028	10.210
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.330	71.380%	16.800
%RSD		10.190	0.668	2.035
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.017	M 1292.000	0.000
%RSD		1.264	M 0.102	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.725%	1.729	2.096
%RSD		0.187	0.775	0.720
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		113.200	73.723%	
%RSD		0.925	0.458	

240-17766 -c-9-a, 11/23/2012 22:42:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.886%	5.068	26.420
%RSD		0.283	3.035	3.413
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1332.000	45790.000	<u>M 75440.000</u>
%RSD		1.175	1.098	<u>M 0.686</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 6184.000</u>	33750.000
%RSD		<u>T 0.000</u>	<u>T 0.474</u>	0.302
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.420%	68.653%	<u>M 5987.000</u>
%RSD		0.082	0.983	<u>M 0.708</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 365.200</u>	190.800	16.740
%RSD		<u>M 0.714</u>	0.554	10.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 3801.000</u>	<u>TM 240400.000</u>	76.090
%RSD		<u>TM 0.210</u>	<u>TM 1.033</u>	0.622
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		185.200	<u>M 370.700</u>	<u>M 468.100</u>
%RSD		1.194	<u>M 1.039</u>	<u>M 1.069</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.077%	34.860	1.108
%RSD		0.235	0.578	5.793
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.016	133.300	4.403
%RSD		7.627	0.653	1.346
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.399	-108.300
%RSD		0.000	1.971	12.230
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.949	67.913%	14.790
%RSD		5.905	0.342	2.407
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		23.890	<u>M 413.000</u>	0.000
%RSD		2.165	<u>M 0.560</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.762%	1.239	1.081
%RSD		0.087	3.257	0.472
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 2265.000</u>	76.183%	
%RSD		<u>TM 0.882</u>	0.782	

240-17766 -c-10 -a@5, 11/23/2012 22:47:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.346%	1.795	22.660
%RSD		0.465	5.498	3.448
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		426.000	5976.000	<u>M</u> 9079.000
%RSD		0.324	2.065	<u>M</u> 0.589
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	998.100	38000.000
%RSD		<u>I</u> 0.000	0.616	0.412
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.586%	66.771%	<u>M</u> 429.900
%RSD		0.247	0.353	<u>M</u> 1.635
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		24.980	122.400	13.200
%RSD		1.767	0.174	7.417
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3665.000	<u>TM</u> 128800.000	17.190
%RSD		<u>TM</u> 0.418	<u>TM</u> 0.482	2.220
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		63.000	175.600	<u>M</u> 1048.000
%RSD		0.773	1.721	<u>M</u> 0.824
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.946%	18.420	0.219
%RSD		1.277	0.502	16.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.198	91.430	22.370
%RSD		16.650	0.827	1.696
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.417	-69.130
%RSD		0.000	2.771	34.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		3.390	69.312%	12.340
%RSD		7.330	0.799	1.151
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.204	163.400	0.000
%RSD		2.277	0.918	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.214%	2.268	0.641
%RSD		0.045	1.157	0.555
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 386.100	78.817%	
%RSD		<u>TM</u> 0.225	0.266	

240-17766 -c-11 -a, 11/23/2012 22:52:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.021%	11.600	87.150
%RSD		0.552	0.655	2.532
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2918.000	92310.000	<u>TM</u> 166200.000
%RSD		0.351	0.267	<u>TM</u> 0.389
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 26510.000	<u>M</u> 145200.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.386	<u>M</u> 0.209
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.157%	69.966%	<u>M</u> 6332.000
%RSD		0.412	0.991	<u>M</u> 0.493
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 446.500	<u>M</u> 339.700	33.650
%RSD		<u>M</u> 0.844	<u>M</u> 0.710	4.737
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7117.000	<u>TM</u> 302500.000	109.800
%RSD		<u>TM</u> 0.150	<u>TM</u> 0.344	0.717
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 320.100	<u>M</u> 331.500	<u>M</u> 570.300
%RSD		<u>M</u> 0.993	<u>M</u> 0.620	<u>M</u> 0.117
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.132%	35.980	1.111
%RSD		0.463	0.732	12.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.899	<u>M</u> 341.000	3.793
%RSD		5.146	<u>M</u> 0.846	4.922
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.568	-191.200
%RSD		0.000	3.080	6.641
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.078	68.459%	22.340
%RSD		6.033	0.441	1.003
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.119	<u>M</u> 1542.000	0.000
%RSD		2.929	<u>M</u> 0.259	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.157%	1.503	2.017
%RSD		0.646	2.301	1.428
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M</u> 254.600	71.114%	
%RSD		<u>M</u> 0.331	0.605	

240-17766 -c-12 -a, 11/23/2012 22:57:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		44.061%	42.120	M 553.200
%RSD		0.668	1.263	M 1.671
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8117.000	M 229700.000	TM 232300.000
%RSD		0.345	M 0.838	TM 0.134
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 25180.000	TM 1501000.000
%RSD		0.000	T 0.773	TM 0.202
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.726%	59.796%	M 8245.000
%RSD		0.684	0.778	M 0.846
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		147.500	162.400	15.240
%RSD		0.267	0.317	36.090
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 47550.000	TM 138600.000	20.940
%RSD		TM 0.395	TM 0.512	1.058
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		45.910	75.970	158.900
%RSD		1.709	1.686	0.878
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.770%	25.670	1.292
%RSD		1.308	0.958	13.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		42.360	TM 2549.000	1.943
%RSD		1.144	TM 0.385	5.154
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.326	-309.600
%RSD		0.000	11.130	14.280
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.269	57.631%	13.710
%RSD		6.903	1.412	1.655
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.818	M 3510.000	0.000
%RSD		4.112	M 0.214	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.642%	1.033	0.711
%RSD		1.320	3.399	1.610
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		133.800	51.199%	
%RSD		0.667	0.917	

240-17766 -c-13 -a@5, 11/23/2012 23:02:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.879%	6.590	56.160
%RSD		0.057	0.882	4.430
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		755.200	13040.000	M 27270.000
%RSD		0.547	0.877	M 0.400
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 2427.000	M 144200.000
%RSD		± 0.000	± 0.730	M 0.311
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.720%	70.711%	M 771.000
%RSD		0.542	0.470	M 0.950
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		32.200	61.400	5.366
%RSD		1.121	0.527	6.002
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 9446.000	TM 207900.000	11.910
%RSD		TM 0.526	TM 0.257	1.690
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		22.700	87.010	M 596.800
%RSD		2.557	2.463	M 0.706
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		70.326%	21.060	0.320
%RSD		0.635	0.505	35.060
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.461	M 270.000	5.418
%RSD		2.209	M 0.341	1.993
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.877	-123.100
%RSD		0.000	1.147	27.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		3.569	73.056%	21.060
%RSD		5.750	0.354	1.833
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.760	M 464.400	0.000
%RSD		1.609	M 0.706	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.911%	20.900	1.675
%RSD		0.366	1.333	0.625
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 317.600	78.458%	
%RSD		TM 0.118	0.618	

240-17766 -c-14 -a, 11/23/2012 23:07:43 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.241%	5.819	51.400
%RSD		0.787	1.764	2.291
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1898.000	67340.000	<u>TM</u> 103100.000
%RSD		0.265	0.238	<u>TM</u> 0.497
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 12100.000	87760.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.932	0.363
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.633%	70.759%	<u>M</u> 4795.000
%RSD		0.205	0.489	<u>M</u> 0.974
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 366.400	<u>M</u> 232.800	24.000
%RSD		<u>M</u> 0.564	<u>M</u> 0.564	6.384
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11480.000	<u>TM</u> 236500.000	84.010
%RSD		<u>TM</u> 0.364	<u>TM</u> 0.244	0.806
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 221.600	<u>M</u> 233.900	<u>M</u> 441.700
%RSD		<u>M</u> 0.379	<u>M</u> 0.633	<u>M</u> 0.535
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.812%	28.600	1.192
%RSD		0.314	1.647	14.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.015	168.100	1.850
%RSD		9.694	0.725	5.007
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.295	-154.700
%RSD		0.000	5.444	7.059
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.073	70.273%	16.770
%RSD		2.846	0.675	0.942
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.513	<u>M</u> 780.000	0.000
%RSD		4.948	<u>M</u> 0.382	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.676%	1.594	1.185
%RSD		0.814	7.341	2.400
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		64.070	71.025%	
%RSD		0.854	0.037	

240-17770 -f-8-a, 11/23/2012 23:12:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.520%	10.970	19.670
%RSD		1.230	0.289	1.958
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		447.300	25130.000	<u>TM 164000.000</u>
%RSD		1.212	1.084	<u>TM 0.441</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 10040.000</u>	28990.000
%RSD		<u>TM 0.000</u>	<u>TM 0.877</u>	0.052
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.507%	72.773%	<u>M 747.100</u>
%RSD		0.341	0.715	<u>M 1.354</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 361.400</u>	198.800	18.930
%RSD		<u>M 0.269</u>	0.388	15.760
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 1965.000</u>	<u>TM 255600.000</u>	86.070
%RSD		<u>TM 0.223</u>	<u>TM 0.735</u>	0.266
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		160.000	170.600	<u>M 428.200</u>
%RSD		1.066	0.755	<u>M 0.941</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.353%	150.500	1.133
%RSD		0.496	1.551	9.818
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.186	<u>M 213.100</u>	13.500
%RSD		1.347	<u>M 0.426</u>	2.084
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.496	-136.400
%RSD		0.000	1.578	8.958
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.523	71.407%	14.210
%RSD		12.480	1.189	1.789
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.528	<u>M 1205.000</u>	0.000
%RSD		1.333	<u>M 0.931</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.614%	0.887	2.888
%RSD		0.011	2.710	0.963
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		187.700	76.403%	
%RSD		0.444	0.309	

PDS 240-17766 -d-15 -a, 11/23/2012 23:17:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.032%	M 983.400	118.800
%RSD		0.568	M 0.649	1.641
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10880.000	74610.000	TM 149100.000
%RSD		1.115	0.767	TM 0.584
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 22520.000	76610.000
%RSD		T 0.000	T 0.328	0.325
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.318%	69.336%	M 3466.000
%RSD		0.144	0.235	M 1.133
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1340.000	M 1269.000	150.900
%RSD		M 0.640	M 0.737	3.626
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7113.000	TM 288500.000	M 1065.000
%RSD		TM 0.210	TM 0.723	M 0.666
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1138.000	M 1181.000	M 1245.000
%RSD		M 0.654	M 0.526	M 0.457
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.967%	M 897.500	-4.329
%RSD		0.398	M 0.350	11.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 818.300	M 1189.000	107.500
%RSD		M 0.491	M 0.528	0.933
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.810	355.200
%RSD		0.000	0.319	58.570
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 984.400	67.989%	117.200
%RSD		M 0.638	0.177	1.541
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		98.040	M 2170.000	0.000
%RSD		0.783	M 0.961	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.906%	97.660	TM 245.700
%RSD		0.755	1.426	TM 0.526
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1140.000	70.090%	
%RSD		TM 0.377	0.393	

CCV 13 11/23/2012 23:25:00 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.346%	106.912%	96.043%
%RSD		0.481	0.813	1.347
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>101.252%</u>	101.445%	116.121%
%RSD		<u>0.449</u>	0.697	0.625
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>104.697%</u>	94.650%
%RSD		<u>0.000</u>	<u>0.170</u>	0.140
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.639%	67.369%	109.377%
%RSD		0.336	0.499	2.305
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.740%	97.981%	9.306
%RSD		0.371	1.433	12.230
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>103.892%</u>	<u>104.965%</u>	95.881%
%RSD		<u>0.361</u>	<u>0.809</u>	0.212
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.178%	97.892%	100.873%
%RSD		0.626	0.693	1.609
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.122%	97.901%	-0.768
%RSD		0.548	0.591	37.910
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		97.299%	97.683%	106.437%
%RSD		1.180	0.748	1.658
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	105.962%	-25.080
%RSD		0.000	0.367	168.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		107.635%	68.156%	105.147%
%RSD		0.647	0.475	0.084
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		107.053%	103.527%	0.000
%RSD		0.335	0.522	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.205%	106.636%	102.262%
%RSD		0.705	0.528	0.528
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		107.330%	71.147%	
%RSD		0.586	0.459	

CCB 13 11/23/2012 23:32:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.020%	0.145	2.054
%RSD		0.118	9.089	14.100
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		43.430	52.280	19.900
%RSD		0.965	9.886	9.521
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	50.780	87.400
%RSD		±0.000	2.244	9.656
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.500%	65.590%	1.066
%RSD		0.433	0.161	15.060
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.180	0.077	-1.608
%RSD		38.170	60.440	12.640
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		7.685	104.800	0.154
%RSD		0.356	2.627	5.375
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.177	0.194	1.198
%RSD		39.360	11.750	9.828
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.686%	0.355	0.067
%RSD		0.092	58.670	152.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.384	0.208	0.564
%RSD		26.390	5.197	12.450
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.104	-0.571
%RSD		0.000	9.721	493.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.112	67.736%	0.420
%RSD		14.730	0.074	19.240
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.412	0.308	0.000
%RSD		5.340	0.846	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.270%	0.983	0.477
%RSD		0.280	10.220	3.675
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.338	75.769%	
%RSD		2.556	0.314	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.046%	0.066	1.575
%RSD		0.796	11.990	33.150
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		17.450	23.450	30.260
%RSD		9.737	17.560	6.151
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	21.050	64.830
%RSD		±0.000	2.379	2.492
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.821%	64.777%	1.148
%RSD		0.145	0.740	42.070
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.255	-0.021	-2.385
%RSD		41.670	291.100	15.840
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.425	71.960	0.179
%RSD		10.420	3.485	8.928
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.309	0.307	2.554
%RSD		26.860	9.781	5.963
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.310%	0.234	0.122
%RSD		0.539	24.800	43.470
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.188	0.209	-0.125
%RSD		73.090	16.830	34.430
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.038	0.728
%RSD		0.000	26.640	469.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.165	66.696%	0.196
%RSD		21.800	0.533	12.080
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.215	0.422	0.000
%RSD		6.850	9.945	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.544%	0.408	0.268
%RSD		0.188	3.518	2.485
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.291	74.575%	
%RSD		3.185	0.230	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.015%	0.015	1.322
%RSD		0.842	22.110	5.317
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		6.040	9.701	9.462
%RSD		15.280	32.770	7.213
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	15.000	33.890
%RSD		±0.000	1.673	10.190
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.050%	63.752%	0.954
%RSD		0.138	0.429	27.960
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.064	-0.161	-2.620
%RSD		427.800	22.400	37.870
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.066	23.240	0.060
%RSD		8.456	11.800	17.760
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.071	0.145	1.401
%RSD		52.690	10.010	25.220
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.227%	0.102	0.118
%RSD		0.564	44.570	54.240
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.016	0.074	-0.295
%RSD		114.800	8.268	17.210
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.014	-0.608
%RSD		0.000	54.760	242.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.056	66.042%	0.100
%RSD		24.980	0.326	18.200
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.158	0.146	0.000
%RSD		15.520	3.277	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.232%	0.247	0.170
%RSD		0.288	3.076	8.112
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.128	73.837%	
%RSD		8.705	0.248	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.405%	0.021	1.102
%RSD		0.511	36.990	3.311
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7.073	8.868	5.852
%RSD		4.217	17.450	25.570
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	15.290	32.780
%RSD		±0.000	3.834	9.285
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.939%	63.398%	0.314
%RSD		0.198	0.126	19.930
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.272	-0.214	-3.099
%RSD		44.960	11.160	18.670
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.204	14.370	0.028
%RSD		3.631	7.871	23.420
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.038	0.080	1.059
%RSD		23.490	45.950	8.558
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.023%	0.033	0.061
%RSD		0.616	348.200	104.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.080	0.046	-0.372
%RSD		65.290	1.890	5.264
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	-0.304
%RSD		0.000	30.930	139.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.039	65.748%	0.087
%RSD		67.910	1.040	16.980
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.115	0.147	0.000
%RSD		12.720	9.001	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.476%	0.191	0.135
%RSD		0.506	6.835	3.417
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.097	73.711%	
%RSD		6.514	0.514	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.081%	0.025	0.971
%RSD		0.320	33.040	28.290
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1.002	1.787	2.122
%RSD		117.800	0.402	54.330
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	19.780	28.630
%RSD		±0.000	5.440	17.640
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.622%	62.915%	0.244
%RSD		0.564	0.402	26.070
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.043	-0.220	-2.485
%RSD		284.800	9.249	18.460
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.143	4.216	0.011
%RSD		13.440	37.640	29.940
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.045	0.034	1.144
%RSD		133.200	22.960	10.250
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.851%	0.059	0.040
%RSD		0.469	65.980	80.390
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.015	0.017	-0.413
%RSD		51.800	55.430	9.780
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.617
%RSD		0.000	41.410	94.950
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.004	65.409%	0.074
%RSD		151.900	0.365	39.460
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.090	0.047	0.000
%RSD		2.580	32.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.151%	0.137	0.106
%RSD		0.485	9.144	6.909
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.054	73.317%	
%RSD		5.414	0.453	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.117%	0.025	0.936
%RSD		0.680	59.040	31.830
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1.387	2.689	1.241
%RSD		26.280	57.060	44.570
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	13.660	34.630
%RSD		±0.000	5.982	3.799
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.845%	62.576%	0.064
%RSD		0.429	0.806	171.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.151	-0.200	-2.252
%RSD		162.100	4.511	31.360
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.074	4.631	0.011
%RSD		24.330	62.150	45.140
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.011	0.059	0.893
%RSD		82.060	55.830	12.710
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.766%	0.046	0.041
%RSD		1.071	406.200	227.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.051	0.018	-0.406
%RSD		67.080	24.990	7.209
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	-0.218
%RSD		0.000	21.420	574.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.000	65.535%	0.086
%RSD		10060.000	0.903	28.820
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.086	0.030	0.000
%RSD		13.050	153.500	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.197%	0.109	0.090
%RSD		0.520	6.312	6.358
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.048	73.289%	
%RSD		10.980	0.351	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.922%	0.014	0.746
%RSD		0.898	54.180	30.520
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.758	1.790	0.884
%RSD		84.200	99.730	67.400
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	17.440	38.590
%RSD		±0.000	6.837	24.520
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.532%	62.715%	0.353
%RSD		0.404	0.411	98.960
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.020	-0.228	-2.353
%RSD		802.100	3.122	21.770
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.045	1.701	0.004
%RSD		13.080	45.400	56.180
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.005	0.046	1.109
%RSD		100.800	22.080	19.400
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.499%	0.058	0.065
%RSD		0.134	273.100	137.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.027	0.004	-0.433
%RSD		127.300	161.300	7.290
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	-0.308
%RSD		0.000	840.700	139.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.011	64.862%	0.053
%RSD		75.750	0.086	36.480
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.089	0.025	0.000
%RSD		9.766	110.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.364%	0.101	0.084
%RSD		0.204	7.554	10.080
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.033	73.144%	
%RSD		2.553	0.147	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.282%	0.019	0.755
%RSD		0.780	14.610	37.370
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		5.266	1.523	0.097
%RSD		8.302	91.880	241.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	14.290	32.350
%RSD		±0.000	3.973	1.930
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.408%	61.805%	0.175
%RSD		0.261	0.831	62.470
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.295	-0.206	-2.068
%RSD		54.940	9.739	35.150
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.077	2.368	0.004
%RSD		28.530	8.824	55.850
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.037	0.056	1.300
%RSD		96.320	48.660	9.107
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.840%	-0.066	0.071
%RSD		0.447	90.860	69.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.009	0.011	-0.408
%RSD		1424.000	112.200	5.329
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	-0.059
%RSD		0.000	922.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.007	64.233%	0.131
%RSD		76.610	0.531	8.190
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.072	0.079	0.000
%RSD		15.950	40.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.702%	0.089	0.071
%RSD		0.251	9.650	13.110
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.101	72.868%	
%RSD		4.553	0.411	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.861%	0.019	0.912
%RSD		0.390	33.730	42.560
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1.041	0.000	0.371
%RSD		63.570	0.000	172.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	13.420	34.110
%RSD		±0.000	10.070	13.490
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.109%	61.612%	0.324
%RSD		0.422	0.252	79.350
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.078	-0.227	-2.634
%RSD		264.500	1.979	13.190
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.056	0.750	0.002
%RSD		9.987	40.570	52.190
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.021	0.005	0.980
%RSD		87.220	135.200	25.550
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.404%	-0.040	0.008
%RSD		1.087	232.700	310.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.006	0.009	-0.439
%RSD		1296.000	132.200	6.857
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.059
%RSD		0.000	196.400	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.004	63.865%	0.073
%RSD		482.200	0.374	16.540
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.063	0.009	0.000
%RSD		5.226	160.900	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.873%	0.073	0.062
%RSD		0.238	3.519	2.603
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.022	72.599%	
%RSD		10.460	0.164	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.414%	0.011	0.654
%RSD		0.649	81.140	57.290
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.923	0.907	0.185
%RSD		44.650	99.810	29.530
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	14.000	35.670
%RSD		±0.000	9.187	10.360
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.876%	61.844%	0.359
%RSD		0.363	0.377	70.910
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.071	-0.230	-2.623
%RSD		220.300	12.980	1.242
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.036	0.669	0.002
%RSD		56.680	32.080	102.600
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.028	0.021	1.150
%RSD		52.070	136.300	12.520
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.685%	0.088	0.098
%RSD		0.966	22.240	31.420
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.031	0.007	-0.452
%RSD		337.700	55.200	3.189
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.289
%RSD		0.000	66.270	208.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.013	63.528%	0.060
%RSD		133.800	0.476	10.190
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.059	-0.000	0.000
%RSD		31.120	3272.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.320%	0.071	0.055
%RSD		0.261	12.570	5.154
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.018	71.924%	
%RSD		17.880	0.623	

CCV 14 11/24/2012 00:22:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.938%	107.207%	96.247%
%RSD		0.650	0.474	1.653
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.315%	103.218%	108.446%
%RSD		0.771	0.541	2.571
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	105.959%	95.516%
%RSD		0.000	0.855	0.960
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.287%	62.948%	102.666%
%RSD		0.179	1.794	3.914
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.705%	98.827%	9.684
%RSD		1.086	0.772	13.900
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		103.942%	105.761%	98.229%
%RSD		0.191	0.483	0.562
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.913%	100.663%	102.871%
%RSD		0.991	0.410	1.394
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.380%	99.304%	-0.657
%RSD		0.935	0.776	42.150
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.839%	98.616%	107.107%
%RSD		0.960	0.901	0.511
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	108.590%	23.760
%RSD		0.000	0.132	144.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		109.471%	63.055%	107.563%
%RSD		1.489	0.778	1.353
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		108.255%	103.869%	0.000
%RSD		1.492	0.884	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.951%	107.766%	103.006%
%RSD		0.922	0.740	0.180
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		110.297%	66.085%	
%RSD		0.237	0.770	

CCB 14 11/24/2012 00:29:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.396%	0.179	0.944
%RSD		0.214	14.460	1.530
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		48.150	53.510	25.290
%RSD		5.404	6.979	7.993
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	57.200	105.400
%RSD		±0.000	0.894	1.685
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.766%	63.038%	0.788
%RSD		0.262	0.881	42.910
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.042	0.119	-1.883
%RSD		392.500	10.930	22.080
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.276	114.200	0.165
%RSD		0.274	1.193	16.690
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.199	0.209	1.240
%RSD		7.387	34.510	9.262
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.649%	0.130	0.122
%RSD		0.495	55.460	57.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.122	0.220	0.367
%RSD		62.900	15.950	24.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.096	0.495
%RSD		0.000	11.280	185.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.163	64.722%	0.414
%RSD		24.720	0.361	9.283
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.251	0.390	0.000
%RSD		9.538	6.107	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.468%	0.818	0.405
%RSD		0.476	8.422	6.887
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.333	72.105%	
%RSD		3.318	0.173	

MO 2000 PPB 11/24/2012 00:34:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.012%	0.014	1.043
%RSD		0.589	46.280	50.300
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		5.852	1.879	0.843
%RSD		25.310	49.920	40.550
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	18.460	29.790
%RSD		±0.000	2.425	28.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.881%	59.798%	0.335
%RSD		0.625	0.379	39.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.078	-0.165	-2.326
%RSD		87.010	14.720	11.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.127	3.414	0.013
%RSD		14.920	5.541	17.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.029	0.045	1.705
%RSD		50.490	54.140	12.470
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.378%	-0.032	0.114
%RSD		0.389	370.000	48.730
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.045	0.011	m2356.000
%RSD		170.100	67.190	m2.575
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.009	143.700
%RSD		0.000	43.090	6.227
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.615	61.852%	0.095
%RSD		12.970	0.665	16.610
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.086	0.029	0.000
%RSD		16.200	143.800	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.406%	1.617	0.169
%RSD		0.397	0.593	1.235
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.052	70.502%	
%RSD		2.070	0.363	

AL FE 500 PPM 11/24/2012 00:39:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.557%	0.042	1.789
%RSD		0.481	37.470	6.051
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>TM 997900.000</u>	<u>TM 946800.000</u>	<u>TM 462200.000</u>
%RSD		<u>TM 0.564</u>	<u>TM 0.210</u>	<u>TM 0.369</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 1074000.000</u>	<u>TM 1005000.000</u>
%RSD		<u>TM 0.000</u>	<u>TM 0.434</u>	<u>TM 0.299</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.801%	66.697%	13.270
%RSD		2.095	2.344	8.358
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.294	4.467	-2.663
%RSD		153.100	1.674	48.770
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		45.210	<u>TM 500900.000</u>	7.125
%RSD		0.546	<u>TM 0.649</u>	2.210
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		8.319	4.414	7.063
%RSD		3.663	5.965	8.775
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.961%	1.659	0.341
%RSD		2.729	2.414	5.873
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.274	8.915	82.040
%RSD		24.970	1.594	21.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.194	0.784
%RSD		0.000	8.552	502.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.846	63.805%	0.466
%RSD		13.830	2.066	3.165
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.613	3.465	0.000
%RSD		3.052	0.816	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		59.905%	0.308	0.748
%RSD		2.212	8.226	2.861
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.212	47.123%	
%RSD		0.410	1.695	

SALTS 500 PPM 11/24/2012 00:44:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.560%	0.027	1.331
%RSD		0.713	30.100	9.086
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>TM</u> 486200.000	<u>M</u> 479100.000	<u>TM</u> 228700.000
%RSD		<u>TM</u> 0.574	<u>M</u> 0.503	<u>TM</u> 0.340
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>TM</u> 532600.000	<u>TM</u> 482000.000
%RSD		<u>T</u> 0.000	<u>TM</u> 0.540	<u>TM</u> 0.380
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.137%	72.606%	7.029
%RSD		0.262	0.252	29.130
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.097	2.105	-2.564
%RSD		203.100	4.341	24.880
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		22.000	<u>TM</u> 251800.000	3.646
%RSD		0.634	<u>TM</u> 0.726	1.526
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		4.441	2.232	3.662
%RSD		6.280	4.975	11.690
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.255%	1.213	0.135
%RSD		0.664	15.530	86.610
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.218	4.380	14.510
%RSD		27.860	5.308	8.336
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.114	4.411
%RSD		0.000	14.000	43.610
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.425	70.338%	0.282
%RSD		7.778	0.604	5.262
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.857	1.705	0.000
%RSD		4.009	11.300	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.251%	0.188	0.386
%RSD		0.711	4.945	1.291
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.074	57.379%	
%RSD		0.383	0.904	

BA TL PB 10 PPM 11/24/2012 00:49:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.138%	0.013	0.596
%RSD		0.717	60.840	14.850
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		995.000	925.800	408.700
%RSD		24.050	18.010	20.500
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	667.700	550.000
%RSD		10.000	23.070	18.570
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.334%	85.893%	0.034
%RSD		0.237	0.569	407.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.014	-0.202	-2.424
%RSD		554.900	10.120	12.120
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.194	519.000	0.019
%RSD		4.475	20.000	24.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.022	2.266	4.963
%RSD		53.000	6.988	4.606
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.193%	0.195	0.082
%RSD		0.165	44.400	72.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.003	0.087	6.626
%RSD		3117.000	12.220	8.016
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.019	0.337
%RSD		0.000	19.550	115.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.010	85.796%	0.135
%RSD		87.160	0.908	12.350
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.074	TM 10030.000	0.000
%RSD		11.130	TM 0.255	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.945%	0.104	TM 9217.000
%RSD		0.129	10.480	TM 0.492
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 9842.000	91.400%	
%RSD		TM 0.440	0.259	

SN 10000 PPB 11/24/2012 00:56:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.388%	0.022	0.376
%RSD		0.086	21.830	35.600
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		222.900	210.700	113.700
%RSD		8.853	24.910	16.330
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	237.700	227.200
%RSD		±0.000	0.783	3.202
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.662%	78.295%	4.779
%RSD		0.567	1.511	4.205
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.527	0.152	-2.386
%RSD		40.800	5.059	30.550
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.645	134.000	0.506
%RSD		1.980	17.570	1.295
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.047	0.499	2.928
%RSD		8.967	6.153	7.203
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.683%	0.448	0.078
%RSD		0.295	17.060	78.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.036	0.048	2.372
%RSD		208.700	23.720	5.993
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.013	-7.258
%RSD		0.000	18.080	117.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.009	69.180%	™ 11430.000
%RSD		91.470	2.184	™ 1.707
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.525	7.513	0.000
%RSD		2.791	15.870	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.139%	0.128	6.307
%RSD		0.442	2.236	7.887
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		6.779	83.392%	
%RSD		13.090	0.611	

V CO 10000 PPB 11/24/2012 01:01:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		71.490%	0.015	0.543
%RSD		0.505	31.400	17.440
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		46.740	43.770	19.800
%RSD		33.890	45.100	42.990
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	137.000	126.100
%RSD		±0.000	14.480	12.100
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.996%	72.778%	0.299
%RSD		0.437	0.662	72.650
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		TM 9588.000	1.102	-4.411
%RSD		TM 0.596	3.901	1.762
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.140	23.250	TM 9449.000
%RSD		6.363	37.560	TM 0.613
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		30.510	0.082	0.956
%RSD		1.260	34.090	7.830
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.934%	0.764	0.074
%RSD		0.494	17.080	82.490
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.028	0.023	0.865
%RSD		258.400	20.490	9.869
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.007	0.023
%RSD		0.000	67.550	628.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.006	72.568%	20.700
%RSD		218.400	0.216	22.390
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.117	2.112	0.000
%RSD		1.019	21.490	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.396%	0.061	1.179
%RSD		0.967	1.525	30.820
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.127	78.119%	
%RSD		34.550	0.351	

CCV 11/24/2012 01:06:33 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.120%	107.343%	97.584%
%RSD		0.167	0.426	0.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.203%	104.019%	111.426%
%RSD		0.789	0.883	0.834
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	106.802%	95.663%
%RSD		0.000	0.458	0.146
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.134%	72.639%	101.200%
%RSD		0.758	0.560	1.752
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.615%	98.470%	7.240
%RSD		0.684	0.326	18.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.340%	105.935%	97.128%
%RSD		0.404	0.501	0.224
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.575%	99.125%	102.614%
%RSD		0.676	1.395	1.024
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.283%	98.764%	-0.650
%RSD		0.411	0.362	25.450
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.896%	99.739%	107.687%
%RSD		1.655	0.941	1.791
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	107.103%	74.770
%RSD		0.000	0.654	15.030
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		109.355%	69.886%	112.705%
%RSD		0.449	0.374	0.662
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		108.017%	105.043%	0.000
%RSD		1.087	0.367	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.512%	106.795%	102.737%
%RSD		0.289	0.622	0.055
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		110.103%	69.587%	
%RSD		0.666	0.106	

CCB 11/24/2012 01:13:46 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.553%	0.198	0.752
%RSD		0.383	20.090	19.980
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		56.460	69.390	25.240
%RSD		7.459	15.850	7.464
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	63.330	114.900
%RSD		±0.000	0.491	4.340
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.503%	71.073%	1.175
%RSD		0.652	0.732	25.420
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.424	0.103	-2.137
%RSD		45.970	35.240	11.860
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.224	119.500	0.382
%RSD		0.794	0.663	37.010
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.199	0.297	1.138
%RSD		24.880	15.640	5.487
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.152%	0.373	-0.021
%RSD		0.832	14.340	301.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.115	0.246	0.927
%RSD		38.090	6.226	22.670
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.112	0.837
%RSD		0.000	9.121	267.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.170	70.230%	3.227
%RSD		14.340	0.890	4.476
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.240	0.404	0.000
%RSD		4.608	5.147	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.071%	0.752	0.454
%RSD		0.360	11.020	4.758
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.380	74.536%	
%RSD		8.757	0.368	

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-29-12 Analyst: ngj Instrument: I8

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution ≤ 0.9 AMU full width at 10% peak height, and within ± 0.1 AMU of true mass?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
2. Performance check within recommended specifications? (Be > 8000 cps) (In > 300,000 cps) (Pb > 100,000 cps) (Co > 100,000) (Mg > 10,000) (CeO/Ce < 0.03) (Ba++/Ba < 0.03) (Background < 30 cps @ Mass 220) CCT Performance Check (In > 75,000) (Se < 20 cps)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
1. ICV/CCV analyzed at appropriate frequency and within control limits? (ICV: = 90 - 110%) (CCV: 90 - 110%, 200.8 = 85 - 115%)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
2. ICB/CCB analyzed at appropriate frequency and within \pm RL?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
3. CRI run and recovered within QC limits ($\pm 50\%$) or project limits?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
4. ICSA/ICSAB run at required frequency and within SOP control limits?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
2. All reported results bracketed by in control QC?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
3. Were the internal standards within acceptance criteria for all results reported?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
4. Sample analyses done within holding time?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
2. Method blank done per prep batch and < RL?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
3. MS run at required frequency and within limits?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
4. MSD or DU run at required frequency and RPD within SOP limits?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
5. Serial dilution done per prep batch?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
6. Post digest spike analyzed if required?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
E. Other				
1. Are all nonconformance's documented appropriately?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
2. Current IDL/IR data on file?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
3. Calculations checked for error?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
4. Transcriptions checked for error?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
5. All client/project specific requirements met?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
6. Date/time of analysis verified as correct?	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

Level I Analyst: Natalie Joth Date: 11-30-12 Time: 09:58-06:36
 Level I Analyst: _____ Date: _____ Time: _____
 Level II Reviewer: Karen K Lewis Date: 11-30-12 Time: 09:58-06:36
 Level II Reviewer: _____ Date: _____ Time: _____

Comments: Fe using Ge only as Int Std

Performance Report

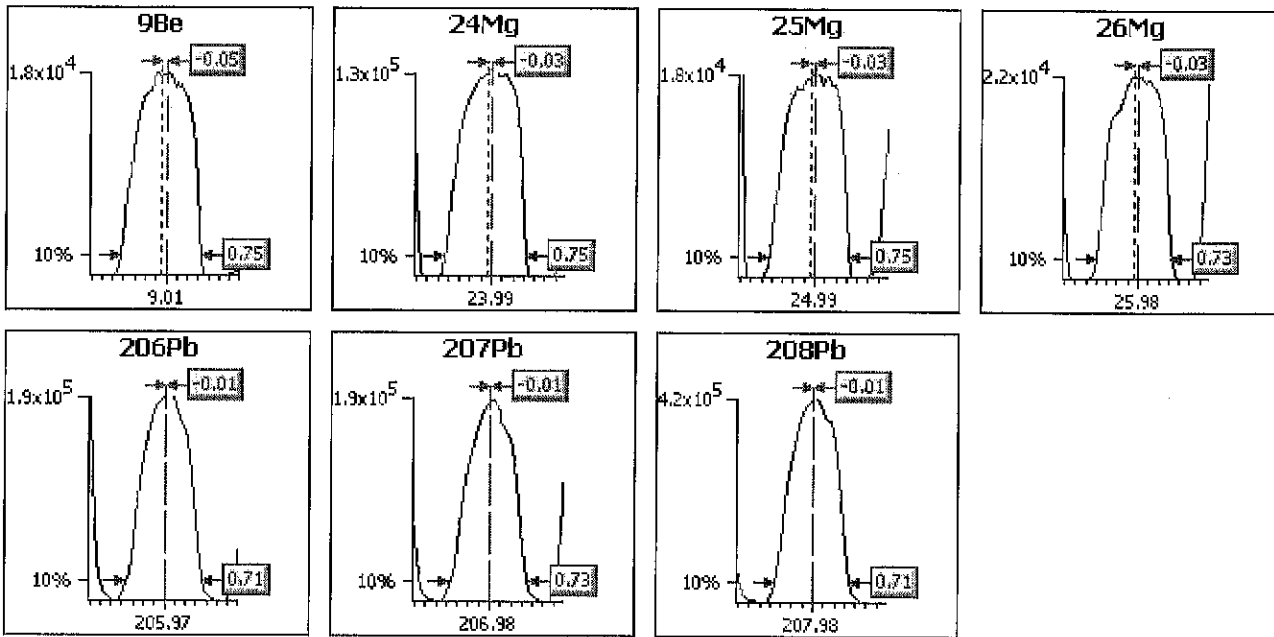
Sample details

Acquired at : 11/29/2012 09:36:51
 Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Mass Calibration verification

Acquisition parameters

Sweeps : 10
 Dwell : 5.0 mSecs
 Point spacing : 0.02 amu
 Peak width measured at 10% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.75	-0.05
24Mg	0.85	0.65	0.10	0.75	-0.03
25Mg	0.85	0.65	0.10	0.75	-0.03
26Mg	0.85	0.65	0.10	0.73	-0.03
206Pb	0.85	0.65	0.10	0.71	-0.01
207Pb	0.85	0.65	0.10	0.73	-0.01
208Pb	0.85	0.65	0.10	0.71	-0.01

Sample details

Acquired at : 11/29/2012 09:36:51

Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Tune conditions

Major	
Extraction	-82.4
Lens 1	-1153
Lens 2	-80.0
Focus	9.0
D1	-43.1
D2	-140
Pole Bias	0.0
Hexapole Bias	-4.0
Nebuliser	0.80

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	54
Vertical	550
DA	-46.3
Cool	13.0
Auxillary	0.90
Sampling Depth	130

Global	
Standard resolution	135
Hlgh resolution	135
Analogue Detector	2000
PC Detector	3130

Add. Gases	
He_H2	0.00
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters

Sweeps : 30

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	137Ba++	101Bkg	115In
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0	10.0
Limits %RSD		-	5.0%	-	5.0%	-	5.0%	-	-	5.0%
Limits Countrate		-	>8000	>10000	>10000	>10000	>100000	-	-	>300000
1	09:37:25	0.667	18513.610	142705.00	18300.041	22154.715	150254.25	333.337	0.333	461420.04
2	09:37:42	1.667	18213.280	141635.94	18904.048	21917.735	149564.76	377.782	0.667	459117.76
3	09:38:00	0.000	18280.019	144120.44	18523.621	22044.569	148411.18	326.670	0.000	458538.81
4	09:38:18	0.667	17909.617	140775.36	18213.280	21787.565	148602.88	308.892	0.333	457480.31
5	09:38:36	0.667	17906.281	141945.22	18570.340	21984.490	149601.75	356.670	0.333	453918.21
X		0.733	18164.561	142236.39	18502.266	21977.815	149286.96	340.670	0.333	458095.03
σ		0.60	259.44	1259.88	269.69	137.48	765.98	26.89	0.24	2744.19
%RSD		81.312	1.428	0.886	1.458	0.626	0.513	7.894	70.711	0.599

Run	Time	137Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits %RSD		-	-	-	-	-	5.0%	-
Limits Countrate		-	-	-	>100000	>100000	>100000	<30
1	09:37:25	55154.443	426057.01	9874.035	204868.10	182342.03	435489.49	0.333
2	09:37:42	55214.642	424843.28	9988.548	204594.78	179740.67	425838.19	0.000
3	09:38:00	54709.647	425185.16	9920.730	206055.95	180923.36	425927.08	0.000
4	09:38:18	54569.188	423274.10	9597.207	202081.05	179572.20	430211.71	0.000
5	09:38:36	54552.467	426487.82	9520.496	202043.94	179039.85	426949.42	0.000
X		54840.077	425169.47	9780.203	203928.76	180323.62	428883.18	0.067
σ		321.03	1247.48	207.90	1790.07	1321.57	4097.51	0.15
%RSD		0.585	0.293	2.126	0.878	0.733	0.955	223.607

Ratio results

Run	Time	137Ba++/137Ba	156Ce O/140Ce
Ratio limits		<0.0300	<0.0300
1	09:37:25	0.006	0.023
2	09:37:42	0.007	0.024
3	09:38:00	0.006	0.023
4	09:38:18	0.006	0.023
5	09:38:36	0.007	0.022
X		0.0062	0.0230
σ		0.00	0.00
%RSD		7.6109	2.1379

Result : The performance report passed.

Performance Report

Sample details

Acquired at : 11/29/2012 09:47:25

Report name : CCT MODE PERF REPORT [5/20/2011 11:37:05]

Tune conditions

Major	
Extraction	-82.4
Lens 1	-1153
Lens 2	-80.0
Focus	-1.8
D1	-50.2
D2	-140
Pole Bias	-14.0
Hexapole Bias	-17.0
Nebulser	0.80

Minor	
Lens 3	-195.3
Forward power	1200
Horizontal	54
Vertical	550
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	130

Global	
Standard resolution	135
High resolution	135
Analogue Detector	2000
PC Detector	3130

Add. Gases	
He_H2	3.10
He-Not In Use	0.00

Sensitivity and stability results

Acquisition parameters

Sweeps : 30

Run	Time	78Se	115In
Dwell (mSecs)		100.0	10.0
Limits %RSD		-	5.0%
Limits Countrate		<20	>75000
1	09:47:26	17.667	191979.35
2	09:47:31	21.000	193742.92
3	09:47:36	15.000	190391.29
4	09:47:41	21.000	192262.59
5	09:47:46	17.000	191787.16
X		18.333	192032.66
σ		2.62	1197.40
%RSD		14.316	0.624

Result : The performance report passed.

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020A_MULTIMODE.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	11/29/2012 09:56:26
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

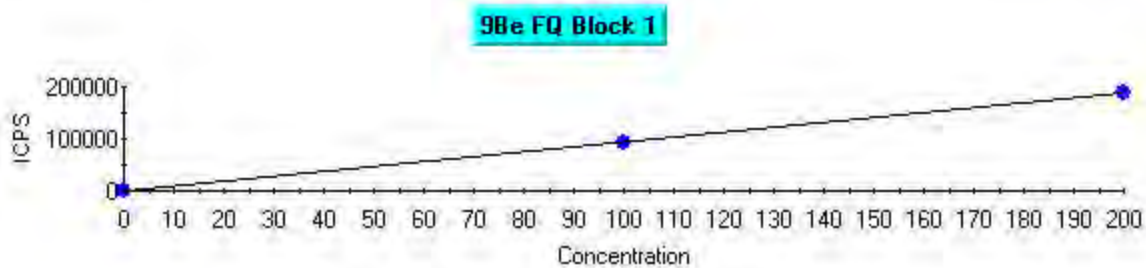
Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.

Underlining indicates that a data warning flag is set.

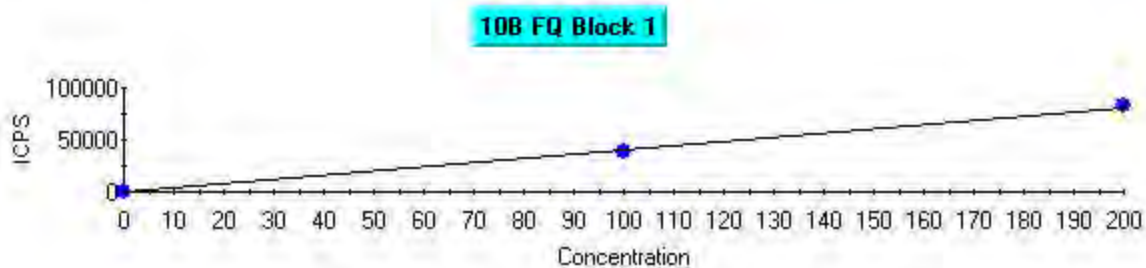
Column headings	Result cells	Data warning flags
No flag	Internal Standard	I - Invalid calibration
Semi Quant	Excluded	T - Tripped
Standard Addition	QC Warning	F - Interference correction failed
Multi Element	QC Failure	M - Result over max
	Transient TRA only:	V - Valley integration failed
	Peak Not Found	D - Different method used
	Manually Edited	
	Merged Peak	

Fully Quant Calibration



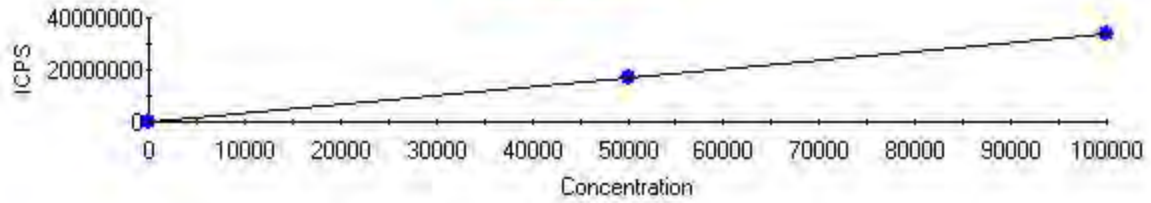
Intercept CPS=6.317075 Intercept Conc=0.006896
 Sensitivity=943.424804 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	6.32	0.00
STD2-727016,	100.000	99.594	0.406	93965.92	0.41
STD3-664982,	200.000	200.203	0.203	188882.72	0.10



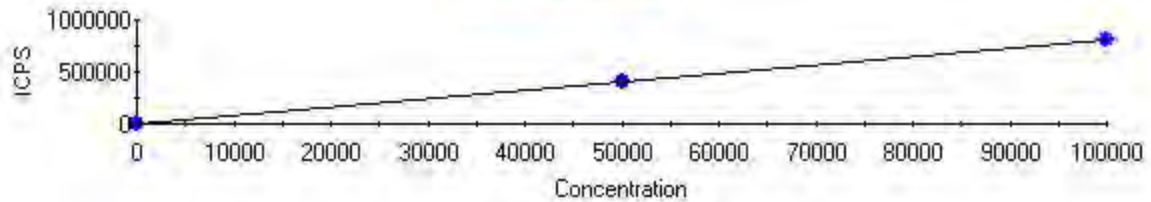
Intercept CPS=379.947832 Intercept Conc=0.938835
 Sensitivity=404.701289 Correlation Coeff=0.999600

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	379.95	0.00
STD2-727016,	100.000	96.042	3.958	39248.26	3.96
STD4-664981,	200.000	201.979	1.979	82121.11	0.99

23Na FQ Block 1

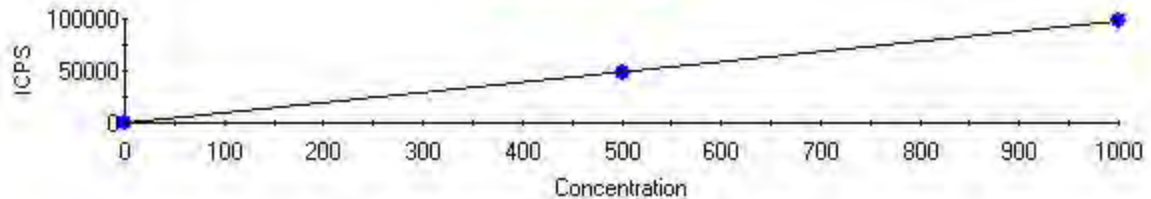
Intercept CPS=9908.072448 Intercept Conc=29.480725
Sensitivity=336.086454 Correlation Coeff=0.999973

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	9908.07	0.00
STD2-727016,	50000.000	49493.232	506.768	16643913.01	1.01
STD3-664982,	100000.000	100253.384	253.384	33703712.33	0.25

25Mg FQ Block 1

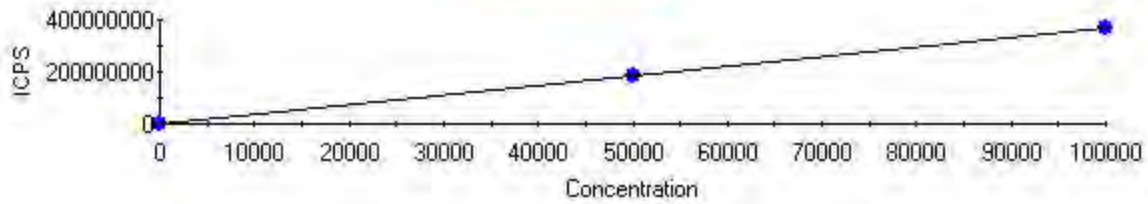
Intercept CPS=3.327223 Intercept Conc=0.414112
Sensitivity=8.034590 Correlation Coeff=0.999926

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	3.33	0.00
STD2-727016,	50000.000	50838.649	838.649	408471.04	1.68
STD3-664982,	100000.000	99580.675	419.325	800093.23	0.42

27Al FQ Block 1

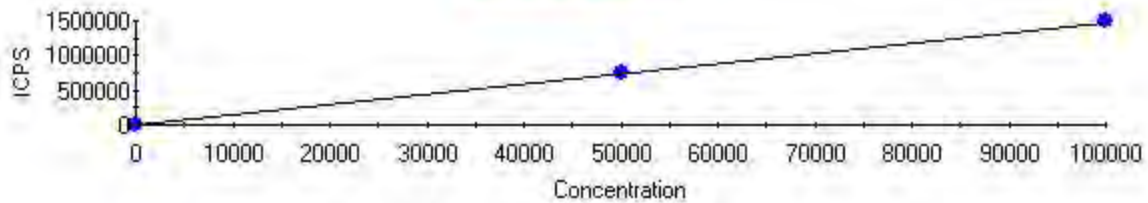
Intercept CPS=108.893328 Intercept Conc=1.120410
Sensitivity=97.190576 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	108.89	0.00
STD2-727016,	500.000	501.716	1.716	48870.92	0.34
STD3-664982,	1000.000	999.142	0.858	97216.10	0.09

39K FQ Block 1

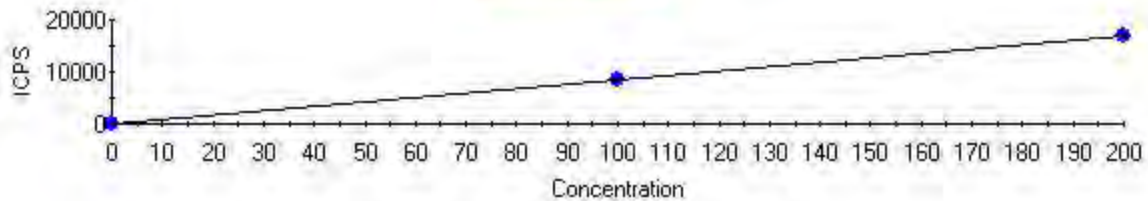
Intercept CPS=125944.807204 Intercept Conc=34.078799
Sensitivity=3695.693818 Correlation Coeff=0.999980

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	125944.81	0.00
STD2-727016,	50000.000	50441.814	441.814	186543443.80	0.88
STD3-664982,	100000.000	99779.093	220.907	368878922.56	0.22

43Ca FQ Block 1

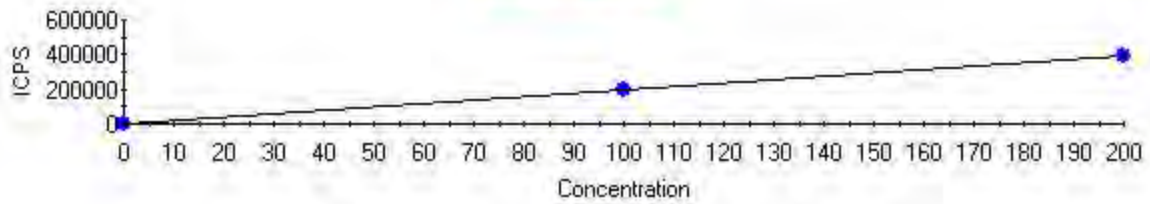
Intercept CPS=700.908501 Intercept Conc=47.209326
Sensitivity=14.846823 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	700.91	0.00
STD2-727016,	50000.000	49662.204	337.796	738026.85	0.68
STD3-664982,	100000.000	100168.898	168.898	1487890.79	0.17

47Ti FQ Block 1

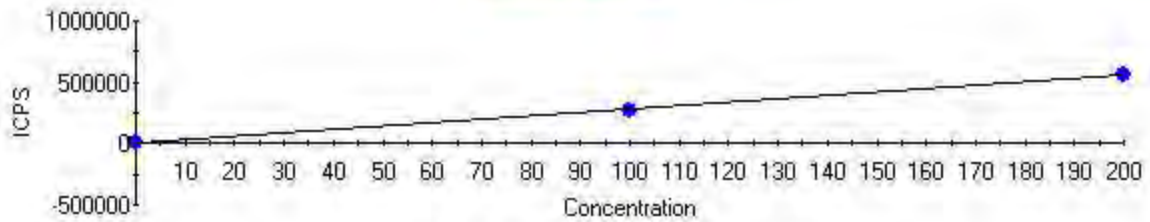
Intercept CPS=17.777316 Intercept Conc=0.209630
Sensitivity=84.803167 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	17.78	0.00
STD2-727016,	100.000	100.614	0.614	8550.16	0.61
STD4-664981,	200.000	199.693	0.307	16952.38	0.15

51V FQ Block 1

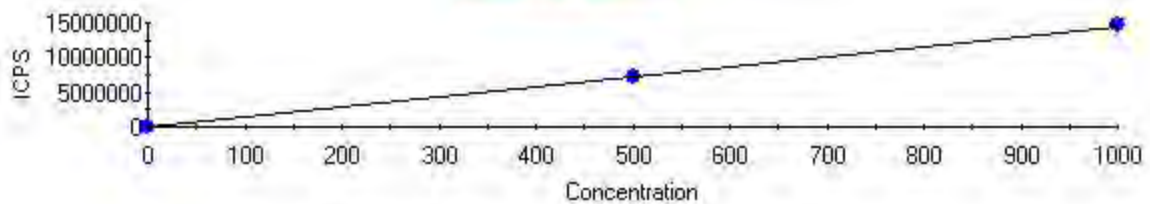
Intercept CPS=1327.152354 Intercept Conc=0.671847
Sensitivity=1975.380193 Correlation Coeff=0.999934

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1327.15	0.00
STD2-727016,	100.000	98.397	1.603	195699.22	1.60
STD3-664982,	200.000	200.801	0.801	397986.17	0.40

52Cr FQ Block 1

Intercept CPS=-131.322869 Intercept Conc=-0.047543
Sensitivity=2762.195440 Correlation Coeff=0.999989

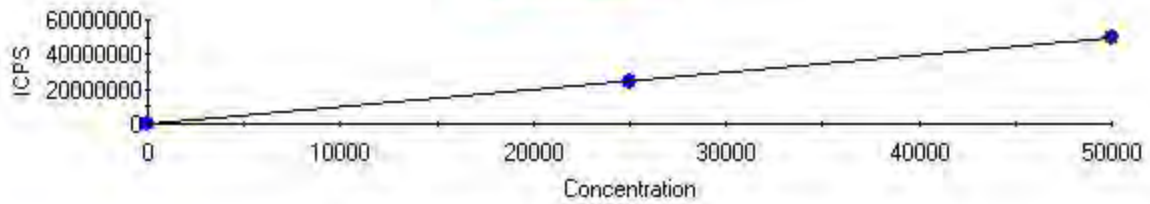
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	-131.32	0.00
STD2-727016,	100.000	99.342	0.658	274271.71	0.66
STD3-664982,	200.000	200.329	0.329	553216.02	0.16

55Mn FQ Block 1

Intercept CPS=2897.066292 Intercept Conc=0.199126
Sensitivity=14548.917020 Correlation Coeff=0.999941

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	2897.07	0.00
STD2-727016,	500.000	492.448	7.552	7167483.36	1.51
STD3-664982,	1000.000	1003.776	3.776	14606750.19	0.38

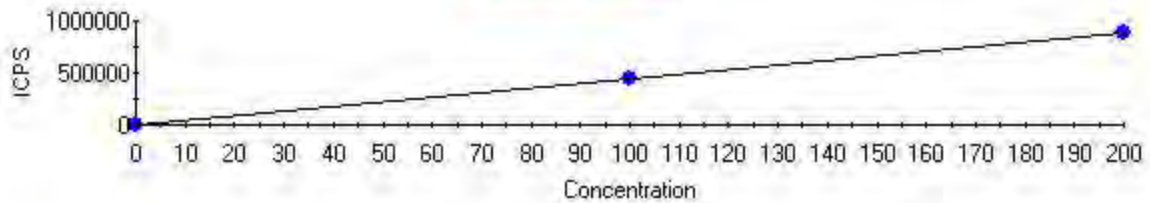
56Fe FQ Block 1



Intercept CPS=2955.426719 Intercept Conc=2.966902
Sensitivity=996.132384 Correlation Coeff=0.999958

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2955.43	0.00
STD2-727016,	25000.000	24681.704	318.296	24589199.95	1.27
STD3-664982,	50000.000	50159.148	159.148	49968107.15	0.32

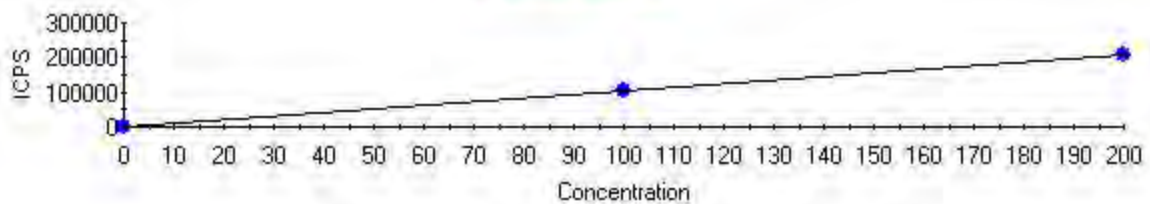
59Co FQ Block 1



Intercept CPS=11.111836 Intercept Conc=0.002533
Sensitivity=4386.160615 Correlation Coeff=0.999995

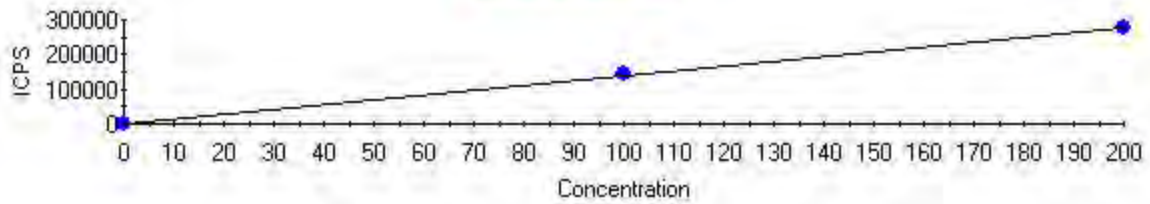
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	11.11	0.00
STD2-727016,	100.000	99.582	0.418	436795.67	0.42
STD3-664982,	200.000	200.209	0.209	878158.99	0.10

60Ni FQ Block 1



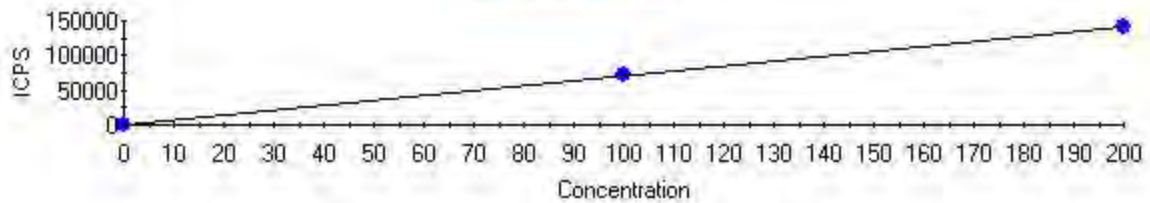
Intercept CPS=78.892936 Intercept Conc=0.075697
Sensitivity=1042.224813 Correlation Coeff=0.999971

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	78.89	0.00
STD2-727016,	100.000	101.053	1.053	105398.43	1.05
STD3-664982,	200.000	199.474	0.526	207975.33	0.26

65Cu FQ Block 1

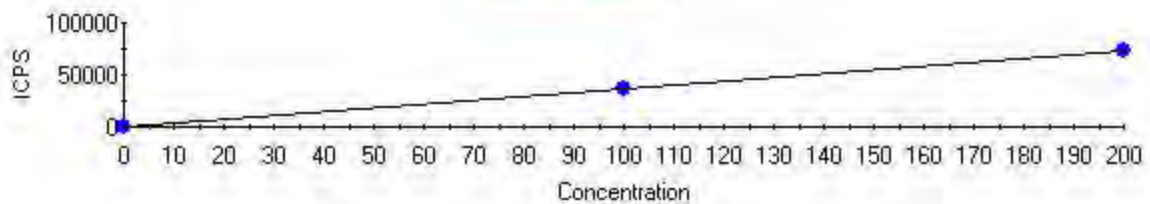
Intercept CPS=214.449344 Intercept Conc=0.154651
Sensitivity=1386.662365 Correlation Coeff=0.999857

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	214.45	0.00
STD2-727016,	100.000	102.331	2.331	142112.88	2.33
STD3-664982,	200.000	198.835	1.165	275930.83	0.58

66Zn FQ Block 1

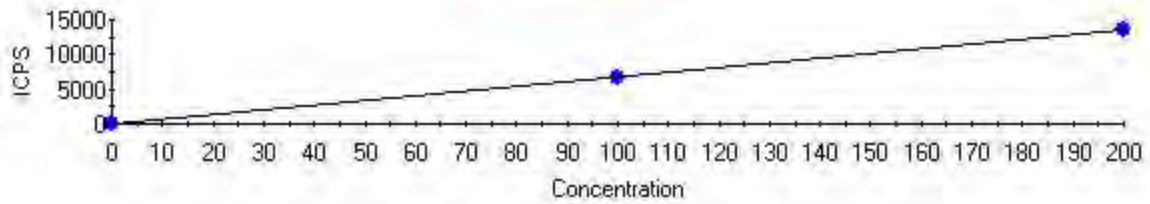
Intercept CPS=1190.054379 Intercept Conc=1.701542
Sensitivity=699.397695 Correlation Coeff=0.999787

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1190.05	0.00
STD2-727016,	100.000	102.837	2.837	73114.22	2.84
STD3-664982,	200.000	198.581	1.419	140077.40	0.71

75As FQ Block 1

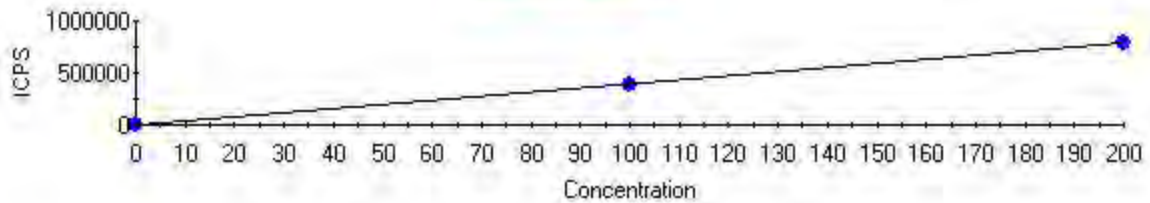
Intercept CPS=817.493093 Intercept Conc=2.284184
Sensitivity=357.892823 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	817.49	0.00
STD2-727016,	100.000	100.170	0.170	36667.72	0.17
STD3-664982,	200.000	199.915	0.085	72365.59	0.04

78Se FQ Block 1

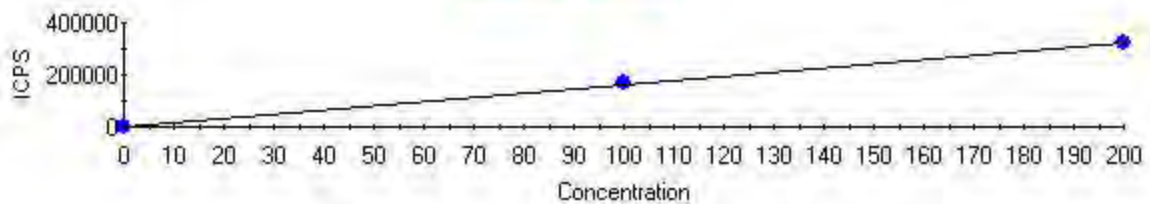
Intercept CPS=11.088953 Intercept Conc=0.164911
Sensitivity=67.241934 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	11.09	0.00
STD2-727016,	100.000	100.289	0.289	6754.73	0.29
STD3-664982,	200.000	199.855	0.145	13449.75	0.07

88Sr FQ Block 1

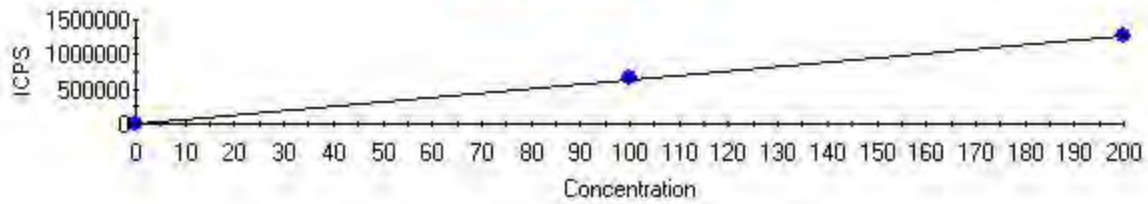
Intercept CPS=102.197194 Intercept Conc=0.025821
Sensitivity=3957.876425 Correlation Coeff=0.999893

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	102.20	0.00
STD2-727016,	100.000	97.966	2.034	387838.40	2.03
STD3-664982,	200.000	201.017	1.017	795703.20	0.51

95Mo FQ Block 1

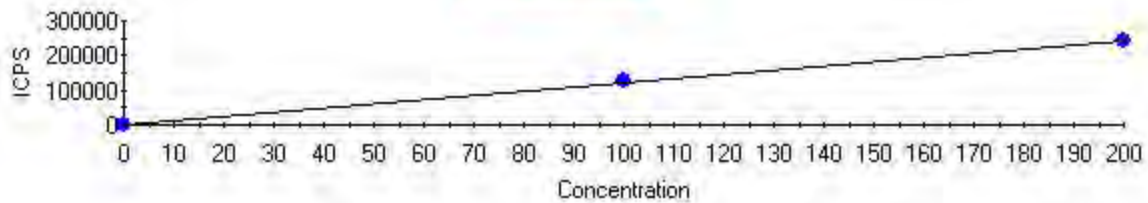
Intercept CPS=1537.447585 Intercept Conc=0.947814
Sensitivity=1622.098781 Correlation Coeff=0.999477

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1537.45	0.00
STD2-727016,	100.000	104.435	4.435	170941.97	4.44
STD4-664981,	200.000	197.782	2.218	322359.88	1.11

107Ag FQ Block 1

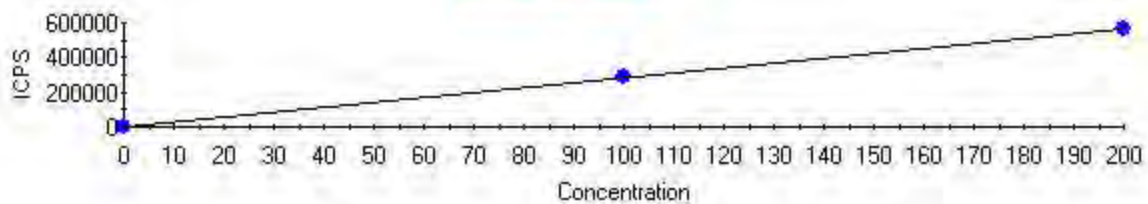
Intercept CPS=15.545963 Intercept Conc=0.002439
Sensitivity=6373.954337 Correlation Coeff=0.999879

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	15.55	0.00
STD2-727016,	100.000	102.147	2.147	651096.35	2.15
STD3-664982,	200.000	198.926	1.074	1267963.73	0.54

111Cd FQ Block 1

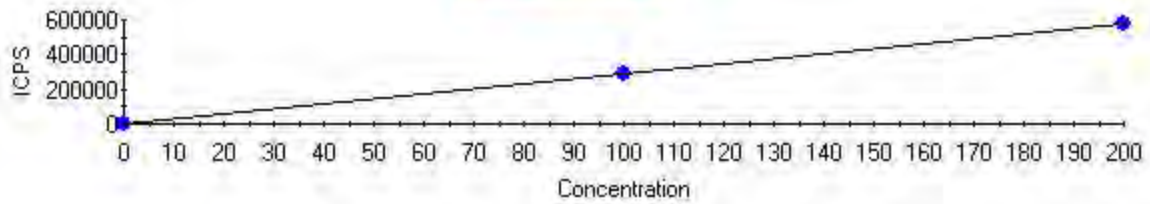
Intercept CPS=10.989036 Intercept Conc=0.008993
Sensitivity=1221.940840 Correlation Coeff=0.999922

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	10.99	0.00
STD2-727016,	100.000	101.720	1.720	124307.37	1.72
STD3-664982,	200.000	199.140	0.860	243348.01	0.43

118Sn FQ Block 1

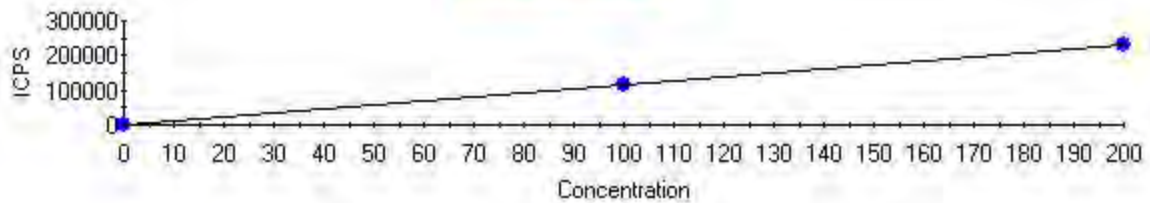
Intercept CPS=217.782011 Intercept Conc=0.076394
Sensitivity=2850.773565 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	217.78	0.00
STD2-727016,	100.000	100.717	0.717	287340.17	0.72
STD4-664981,	200.000	199.641	0.359	569349.98	0.18

121Sb FQ Block 1

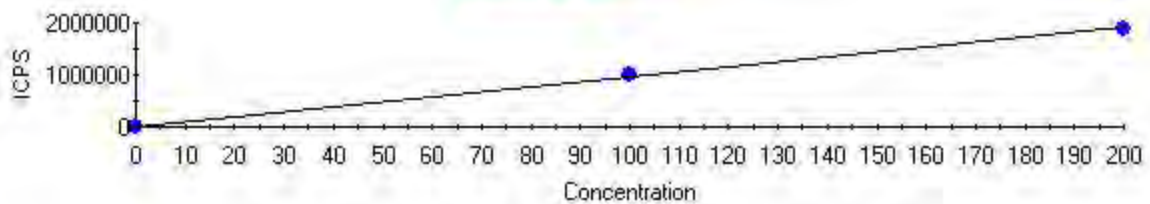
Intercept CPS=83.368513 Intercept Conc=0.028878
Sensitivity=2886.969642 Correlation Coeff=0.999940

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	83.37	0.00
STD2-727016,	100.000	101.518	1.518	293162.76	1.52
STD4-664981,	200.000	199.241	0.759	575286.08	0.38

137Ba FQ Block 1

Intercept CPS=67.794095 Intercept Conc=0.058331
Sensitivity=1162.233751 Correlation Coeff=0.999947

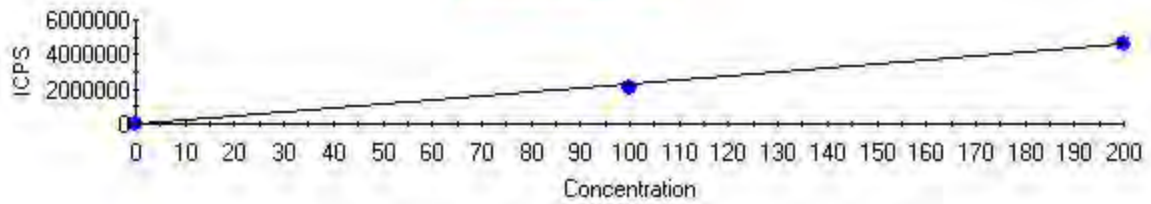
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	67.79	0.00
STD2-727016,	100.000	98.570	1.430	114629.74	1.43
STD3-664982,	200.000	200.715	0.715	233345.26	0.36

182W FQ Block 1

Intercept CPS=444.662881 Intercept Conc=0.046689
Sensitivity=9523.965185 Correlation Coeff=0.999457

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	444.66	0.00
STD2-727016,	100.000	104.517	4.517	995863.67	4.52
STD4-664981,	200.000	197.741	2.259	1883726.45	1.13

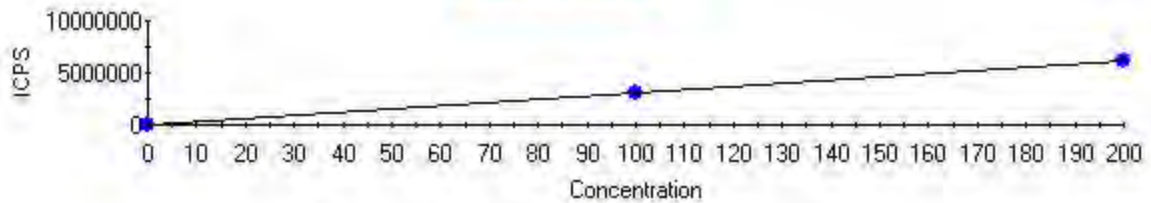
205Tl FQ Block 1



Intercept CPS=1064.374945 Intercept Conc=0.046584
Sensitivity=22848.464312 Correlation Coeff=0.998090

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1064.37	0.00
STD2-727016,	100.000	91.236	8.764	2085668.78	8.76
STD3-664982,	200.000	204.382	4.382	4670878.25	2.19

208Pb FQ Block 1



Intercept CPS=1585.085274 Intercept Conc=0.051604
Sensitivity=30716.619137 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1585.09	0.00
STD2-727016,	100.000	99.660	0.340	3062801.87	0.34
STD3-664982,	200.000	200.170	0.170	6150131.48	0.09

Dilution Corrected Concentrations

ICISM=6020 11/29/2012 09:58:10

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		100.000%	0.000	-0.000
%RSD		0.949	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.000%	100.000%	0.000
%RSD		0.358	0.284	0.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		100.000%	-0.000	-0.000
%RSD		0.365	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.000	100.000%	-0.000
%RSD		0.000	0.322	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		-0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.000%	0.000	0.000
%RSD		0.610	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		-0.000	100.000%	
%RSD		0.000	0.938	

STD2-727016, 11/29/2012 10:03:35

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.351%	99.590	96.040
%RSD		0.234	0.414	0.693
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		49490.000	50840.000	501.700
%RSD		0.253	0.999	1.249
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	50440.000	49660.000
%RSD		0.000	0.743	0.644
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.958%	86.734%	100.600
%RSD		0.235	0.651	2.392
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.400	99.340	-35.730
%RSD		0.422	0.219	4.162
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		492.400	24680.000	99.580
%RSD		0.107	0.752	0.561
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.100	102.300	102.800
%RSD		0.962	0.553	0.651
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.658%	100.200	-0.752
%RSD		0.729	0.723	8.425
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.300	97.970	104.400
%RSD		1.255	1.126	1.397
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	102.100	68.980
%RSD		0.000	0.702	49.970
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.700	90.030%	100.700
%RSD		0.950	1.041	0.822
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.500	98.570	0.000
%RSD		1.240	0.431	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.447%	104.500	91.240
%RSD		0.541	0.485	0.712
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		99.660	90.135%	
%RSD		0.445	0.319	

STD3-664982, 11/29/2012 10:10:25

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.320%	M 200.200	0.682
%RSD		0.833	M 1.098	13.400
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 100300.000	M 99580.000	M 999.100
%RSD		TM 0.216	M 0.705	M 0.713
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	TM 99780.000	M 100200.000
%RSD		I 0.000	TM 1.316	M 0.693
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		I 88.025%	86.607%	0.215
%RSD		I 0.309	0.848	45.520
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 200.800	M 200.300	-24.330
%RSD		M 0.562	M 0.304	14.950
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1004.000	TM 50160.000	M 200.200
%RSD		TM 0.328	TM 0.918	M 0.150
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 199.500	M 198.800	198.600
%RSD		M 0.543	M 0.600	0.584
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.394%	M 199.900	-0.986
%RSD		1.576	M 0.959	14.060
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 199.900	M 201.000	0.657
%RSD		M 1.556	M 0.911	8.266
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	M 198.900	119.700
%RSD		0.000	M 1.481	42.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 199.100	89.593%	0.240
%RSD		M 1.031	0.264	14.160
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.260	M 200.700	0.000
%RSD		13.580	M 1.513	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.891%	0.706	TM 204.400
%RSD		1.016	7.841	TM 0.847
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		M 200.200	86.827%	
%RSD		M 0.567	1.177	

STD4-664981, 11/29/2012 10:17:34

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.354%	0.157	<u>M</u> 202.000
%RSD		0.589	9.304	<u>M</u> 0.981
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		69.450	83.230	7.273
%RSD		1.258	10.390	6.718
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	81.810	66.630
%RSD		<u>±</u> 0.000	0.501	9.572
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>±</u> 95.013%	89.648%	<u>M</u> 199.700
%RSD		<u>±</u> 0.675	0.650	<u>M</u> 2.163
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.427	-0.053	-40.810
%RSD		27.290	61.890	3.034
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.995	41.800	0.156
%RSD		1.232	1.751	8.600
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.271	0.404	0.963
%RSD		17.020	13.260	4.617
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.175%	-0.321	0.177
%RSD		0.602	7.219	23.490
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.165	0.213	<u>M</u> 197.800
%RSD		12.790	6.003	<u>M</u> 1.273
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.168	24.540
%RSD		0.000	1.250	14.490
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.118	97.108%	<u>M</u> 199.600
%RSD		17.980	0.933	<u>M</u> 0.199
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		199.200	0.231	0.000
%RSD		0.237	7.136	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.972%	<u>M</u> 197.700	0.489
%RSD		0.441	<u>M</u> 1.064	5.457
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.166	102.648%	
%RSD		2.276	0.774	

ICV-665060, 11/29/2012 10:23:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.345%	101.683%	99.472%
%RSD		0.430	0.625	0.657
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>100.426%</u>	102.359%	100.491%
%RSD		<u>0.228</u>	0.294	2.094
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>100.152%</u>	101.202%
%RSD		<u>0.000</u>	<u>1.423</u>	0.965
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>92.003%</u>	87.735%	102.338%
%RSD		<u>0.283</u>	0.475	2.180
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.646%	99.350%	-40.920
%RSD		0.561	0.980	2.712
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>100.710%</u>	<u>99.136%</u>	99.738%
%RSD		<u>0.705</u>	<u>0.455</u>	0.181
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.901%	103.404%	102.812%
%RSD		0.527	0.722	0.526
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.915%	98.281%	-0.301
%RSD		0.841	1.230	44.250
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.378%	96.647%	103.934%
%RSD		2.415	0.903	0.469
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.173%	68.020
%RSD		0.000	0.430	20.330
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.104%	92.121%	100.236%
%RSD		1.183	0.433	0.384
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.537%	99.407%	0.000
%RSD		0.371	0.552	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.028%	106.216%	92.361%
%RSD		2.069	0.520	0.903
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		99.315%	93.387%	
%RSD		1.127	0.485	

ICB 11/29/2012 10:30:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.787%	0.009	0.399
%RSD		0.506	31.570	2.487
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-1.679	2.493	0.563
%RSD		35.630	27.720	19.350
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	12.050	13.500
%RSD		±0.000	3.475	15.590
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±93.903%	90.321%	0.051
%RSD		±0.501	0.335	83.850
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.790	-0.331	-44.140
%RSD		2.423	2.848	0.865
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.023	4.666	0.005
%RSD		42.270	24.910	48.590
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.011	0.001	0.345
%RSD		167.900	2977.000	7.326
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.676%	-0.482	-0.047
%RSD		0.892	24.850	113.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.041	0.024	0.237
%RSD		29.640	30.710	35.050
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.007	0.308
%RSD		0.000	59.030	173.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.001	96.083%	0.128
%RSD		887.400	0.832	10.570
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.092	0.017	0.000
%RSD		5.266	150.400	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.169%	0.711	0.273
%RSD		0.456	4.365	6.540
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	102.111%	
%RSD		18.720	0.755	

CRI -751770, 11/29/2012 10:35:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.891%	107.860%	99.080%
%RSD		0.407	6.443	1.909
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		91.788%	102.559%	101.798%
%RSD		0.815	1.645	0.880
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±99.453%	98.445%
%RSD		±0.000	±0.622	1.305
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±93.959%	91.151%	100.809%
%RSD		±0.291	0.724	3.736
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		84.018%	87.021%	-40.220
%RSD		7.005	4.789	1.558
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.477%	99.306%	100.378%
%RSD		3.149	1.491	2.654
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.040%	113.194%	100.883%
%RSD		9.813	2.682	2.841
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.272%	78.637%	-0.169
%RSD		0.771	8.989	15.070
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		109.495%	90.482%	95.119%
%RSD		4.087	1.104	1.536
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	116.778%	2.709
%RSD		0.000	2.151	57.420
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.779%	96.414%	99.273%
%RSD		10.180	0.239	1.068
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.161%	105.048%	0.000
%RSD		4.352	4.332	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.344%	99.881%	99.046%
%RSD		0.393	1.199	0.519
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		94.444%	102.230%	
%RSD		2.569	0.750	

CRI -602109, 11/29/2012 10:41:11 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.922%	135.885%	95.859%
%RSD		0.630	2.263	1.501
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		91.891%	102.548%	103.727%
%RSD		0.925	1.632	2.818
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		100.00%	99.484%	100.270%
%RSD		1.000	1.158	1.430
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.735%	90.796%	99.395%
%RSD		0.522	0.566	7.501
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		90.971%	105.919%	-37.160
%RSD		2.306	4.505	2.486
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.889%	99.361%	132.643%
%RSD		0.846	1.334	2.387
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		118.992%	129.741%	104.152%
%RSD		4.722	2.117	2.227
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.648%	91.158%	-0.457
%RSD		0.169	3.530	3.061
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.305%	9.353	92.380%
%RSD		2.442	1.702	2.106
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	136.536%	1.531
%RSD		0.000	1.759	231.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		134.387%	95.839%	96.659%
%RSD		4.968	0.208	1.435
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.850%	103.613%	0.000
%RSD		0.681	0.522	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.845%	97.897%	91.029%
%RSD		1.077	1.016	0.925
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		126.129%	101.927%	
%RSD		0.468	0.452	

ICSA-726956, 11/29/2012 10:46:43 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.193%	0.002	0.049
%RSD		0.914	136.900	143.100
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		49980.000	50800.000	52950.000
%RSD		0.840	0.735	0.511
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	56250.000	56080.000
%RSD		0.000	0.939	0.269
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.662%	84.629%	1030.000
%RSD		0.582	0.542	1.257
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.465	0.339	-36.230
%RSD		32.450	8.255	1.531
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.163	49290.000	0.061
%RSD		9.187	1.074	14.630
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.374	0.289	0.918
%RSD		2.985	14.730	17.490
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.591%	0.086	-0.187
%RSD		1.075	16.480	3.712
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.103	0.166	997.200
%RSD		29.650	3.305	1.172
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.037	138.600
%RSD		0.000	12.400	12.720
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.115	88.947%	0.088
%RSD		23.950	0.767	6.286
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.197	0.070	0.000
%RSD		3.545	17.810	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.654%	0.328	0.099
%RSD		1.231	8.499	7.632
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.138	87.723%	
%RSD		3.101	0.505	

ICSAB-723527, 11/29/2012 10:52:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.984%	100.195%	95.922%
%RSD		1.087	1.586	0.758
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.780%	101.727%	TM 105.740%
%RSD		1.211	0.850	TM 1.056
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	108.310%	108.562%
%RSD		10.000	5.833	5.979
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.436%	86.432%	M 102.286%
%RSD		6.357	1.327	M 0.793
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.690%	100.194%	-24.020
%RSD		0.247	0.236	2.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		98.914%	TM 99.518%	99.201%
%RSD		6.316	TM 1.084	0.373
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.365%	100.301%	101.228%
%RSD		1.174	1.584	0.533
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.855%	98.843%	-0.113
%RSD		0.710	0.590	111.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.942%	95.780%	M 100.402%
%RSD		1.114	0.869	M 1.770
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.325%	172.100
%RSD		0.000	0.157	11.480
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.084%	90.519%	100.713%
%RSD		0.779	0.104	0.866
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.603%	100.460%	0.000
%RSD		1.094	1.054	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.212%	102.239%	91.666%
%RSD		0.904	0.655	0.541
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		98.829%	89.124%	
%RSD		0.208	0.668	

CCV 11/29/2012 10:59:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.751%	100.380%	97.788%
%RSD		0.956	0.177	0.671
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±99.872%	100.469%	99.852%
%RSD		±0.229	0.414	1.462
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±99.044%	99.573%
%RSD		±0.000	±0.708	0.745
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±91.118%	88.825%	101.338%
%RSD		±0.588	0.444	3.110
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.688%	98.763%	-36.680
%RSD		0.110	0.365	5.488
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±98.293%	±98.885%	99.040%
%RSD		±0.464	±0.603	0.695
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.697%	101.403%	101.067%
%RSD		0.757	0.667	0.238
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.606%	98.280%	-0.469
%RSD		0.205	0.223	27.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.575%	97.165%	117.209%
%RSD		2.207	0.434	0.968
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.241%	26.430
%RSD		0.000	0.914	70.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.355%	92.153%	99.868%
%RSD		0.413	0.918	0.381
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.330%	98.685%	0.000
%RSD		1.181	0.372	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.236%	105.160%	90.298%
%RSD		1.551	0.868	1.126
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		96.969%	92.449%	
%RSD		1.142	0.845	

CCB 11/29/2012 11:06:34 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.501%	0.009	0.160
%RSD		1.066	38.700	28.070
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-6.920	4.978	0.700
%RSD		16.920	43.130	41.290
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	11.340	12.760
%RSD		±0.000	9.524	38.950
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±93.773%	89.807%	0.023
%RSD		±0.568	0.223	433.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.718	-0.312	-42.810
%RSD		23.020	5.634	1.342
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.032	6.104	0.007
%RSD		17.040	17.580	61.120
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.005	0.007	0.439
%RSD		314.300	617.300	10.640
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.686%	-0.429	-0.069
%RSD		0.596	33.850	107.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.019	0.045	2.311
%RSD		295.800	12.970	10.330
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.009	-0.052
%RSD		0.000	14.040	433.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.008	96.240%	0.140
%RSD		104.700	0.900	27.940
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.143	0.019	0.000
%RSD		1.473	30.440	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.379%	0.805	0.300
%RSD		1.013	7.437	8.030
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	102.323%	
%RSD		10.430	1.170	

AG 2 PPM 11/29/2012 11:12:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.509%	0.001	-0.085
%RSD		0.408	399.300	55.370
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-11.730	0.506	0.552
%RSD		2.877	0.548	51.400
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-6.117	-13.020
%RSD		±0.000	9.508	21.620
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±92.551%	90.190%	-0.035
%RSD		±0.502	0.301	213.100
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.401	-0.267	-41.200
%RSD		58.180	7.607	1.249
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		-0.024	0.928	0.003
%RSD		17.900	25.160	63.580
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.017	0.010	0.831
%RSD		47.000	201.400	11.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.345%	-0.333	-0.091
%RSD		0.858	9.028	40.020
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.069	-0.001	0.626
%RSD		87.870	949.800	18.310
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	TM 2328.000	12.860
%RSD		0.000	TM 0.920	51.790
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.005	95.758%	0.089
%RSD		198.900	0.538	39.030
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.077	0.020	0.000
%RSD		15.440	22.780	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.847%	0.309	0.151
%RSD		1.088	6.150	3.528
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		-0.007	102.932%	
%RSD		22.770	0.187	

mb 240-66574/1 -a, 11/29/2012 11:17:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.937%	0.003	-0.193
%RSD		0.666	186.500	12.110
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		29.440	55.890	1.372
%RSD		1.654	8.571	28.650
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	5.324	205.500
%RSD		±0.000	4.150	3.045
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±91.681%	90.389%	-0.123
%RSD		±0.619	0.212	0.131
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.608	-0.240	-39.850
%RSD		24.790	10.930	0.844
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.209	6.850	0.005
%RSD		7.634	5.210	44.960
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.255	0.786	8.572
%RSD		19.120	2.502	1.747
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.929%	-0.334	0.367
%RSD		0.381	23.100	19.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.014	0.406	-0.010
%RSD		307.100	2.373	399.400
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.234	0.483
%RSD		0.000	9.026	120.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.001	95.762%	0.102
%RSD		533.200	0.565	14.880
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.056	0.837	0.000
%RSD		19.180	5.814	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.834%	0.193	0.105
%RSD		0.523	11.610	0.903
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.320	102.844%	
%RSD		0.868	0.860	

Ics 240-66574/3-a, 11/29/2012 11:22:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.126%	M 896.200	85.470
%RSD		0.248	M 0.536	1.212
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7986.000	9177.000	M 8559.000
%RSD		0.213	0.696	M 0.260
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 8935.000	8663.000
%RSD		T 0.000	T 0.591	0.213
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 87.948%	88.067%	88.930
%RSD		T 0.280	0.128	3.960
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 844.900	M 867.000	76.790
%RSD		M 0.649	M 0.498	6.545
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 880.600	T 8610.000	TM 924.100
%RSD		T 0.582	T 0.820	TM 0.215
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 864.700	M 901.400	M 912.400
%RSD		M 0.642	M 0.600	M 0.308
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.176%	M 859.300	-3.645
%RSD		0.500	M 0.046	9.363
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 863.400	M 801.700	85.810
%RSD		M 1.023	M 0.198	0.602
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	92.600	510.900
%RSD		0.000	0.641	28.790
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 884.100	94.859%	87.060
%RSD		M 0.058	0.759	0.644
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		87.420	M 854.500	0.000
%RSD		0.469	M 0.321	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.158%	86.050	TM 207.800
%RSD		1.094	0.887	TM 0.694
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 891.100	99.649%	
%RSD		TM 0.907	0.300	

240-17881 -c-6-a, 11/29/2012 11:30:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.704%	0.096	43.730
%RSD		0.674	19.140	0.213
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		± 35180.000	26640.000	3.930
%RSD		± 0.232	0.934	10.300
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 1932.000	72120.000
%RSD		± 0.000	± 0.914	0.615
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		± 87.514%	86.231%	0.550
%RSD		± 0.677	0.189	12.850
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.374	-0.119	-44.550
%RSD		52.810	24.450	0.855
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		™ 2965.000	1114.000	0.405
%RSD		™ 0.504	0.305	6.643
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.566	0.350	2.171
%RSD		6.833	25.180	3.815
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.765%	36.450	0.288
%RSD		0.422	0.361	22.230
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.410	™ 266.000	3.808
%RSD		7.185	™ 0.108	1.010
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.035	2.221
%RSD		0.000	28.520	95.850
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.075	91.006%	0.216
%RSD		20.840	0.629	16.480
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.312	™ 217.900	0.000
%RSD		9.359	™ 1.124	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.729%	0.963	0.423
%RSD		0.268	8.220	7.278
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.055	94.499%	
%RSD		31.190	0.267	

SD 240-17881 -c-6-a@5, 11/29/2012 11:35:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.200%	0.022	8.807
%RSD		0.637	15.670	0.423
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		6632.000	5600.000	1.511
%RSD		1.220	0.676	37.410
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	365.800	14880.000
%RSD		±0.000	0.854	0.997
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±89.462%	88.543%	0.175
%RSD		±0.335	0.858	82.530
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.579	-0.201	-35.300
%RSD		4.836	4.203	0.555
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±612.900	234.400	0.094
%RSD		±0.728	1.592	9.925
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.099	0.103	0.970
%RSD		15.270	40.590	19.400
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.820%	7.147	0.012
%RSD		0.845	1.816	427.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.157	53.150	0.412
%RSD		46.200	0.243	11.560
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	0.417
%RSD		0.000	15.100	319.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.023	92.979%	0.055
%RSD		65.520	1.105	19.260
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.127	45.190	0.000
%RSD		11.090	1.064	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.056%	0.325	0.183
%RSD		0.348	5.899	3.190
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.014	99.746%	
%RSD		14.240	0.991	

240-17881 -c-6-d ms, 11/29/2012 11:40:56 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.935%	M 915.400	130.900
%RSD		0.260	M 0.476	0.825
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 43090.000	35380.000	M 8747.000
%RSD		T 0.608	0.632	M 0.811
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 12410.000	88210.000
%RSD		T 0.000	T 1.339	0.450
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.112%	84.956%	90.810
%RSD		0.300	0.848	3.024
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 883.800	M 897.300	89.540
%RSD		M 0.671	M 0.907	7.929
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 4193.000	T 10180.000	TM 955.900
%RSD		TM 0.159	T 0.580	TM 0.546
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 885.400	M 907.700	M 917.300
%RSD		M 0.409	M 0.493	M 0.345
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.428%	M 926.800	-4.447
%RSD		1.079	M 0.564	3.460
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 888.500	TM 1177.000	95.280
%RSD		M 0.488	TM 0.341	1.001
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	93.830	398.200
%RSD		0.000	0.403	40.530
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 917.300	90.670%	91.570
%RSD		M 0.629	0.680	0.699
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		91.800	M 1111.000	0.000
%RSD		0.830	M 0.677	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.276%	93.240	TM 222.500
%RSD		0.760	0.109	TM 0.179
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 947.500	94.290%	
%RSD		TM 0.316	0.359	

240-17881 -c-6-e msd, 11/29/2012 11:48:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.258%	M 967.500	140.500
%RSD		0.319	M 0.669	0.606
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 46110.000	37700.000	M 9224.000
%RSD		T 0.269	0.168	M 0.433
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 12340.000	88510.000
%RSD		T 0.000	T 4.206	5.893
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 83.197%	86.048%	100.800
%RSD		T 6.083	0.714	3.818
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 938.200	M 950.800	82.680
%RSD		M 0.430	M 0.207	6.500
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 4229.000	T 10880.000	TM 1012.000
%RSD		TM 5.688	T 1.159	TM 0.859
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 927.200	M 959.400	M 956.500
%RSD		M 0.643	M 0.527	M 0.696
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.793%	M 979.200	-4.235
%RSD		0.718	M 0.642	6.294
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 930.200	TM 1249.000	102.700
%RSD		M 0.360	TM 0.244	1.333
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.670	483.600
%RSD		0.000	0.547	18.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 952.300	92.324%	97.570
%RSD		M 0.382	0.140	0.975
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		96.750	M 1180.000	0.000
%RSD		1.697	M 0.354	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.904%	101.000	TM 238.500
%RSD		0.893	1.073	TM 0.070
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1013.000	93.803%	
%RSD		TM 0.562	0.367	

PDS 240-17881 -c-6-a, 11/29/2012 11:55:18 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.187%	M 998.400	147.000
%RSD		0.559	M 0.510	0.409
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 44760.000	36950.000	M 9643.000
%RSD		T 0.187	0.851	M 0.399
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 12170.000	82550.000
%RSD		T 0.000	T 1.337	0.688
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 87.562%	87.063%	104.600
%RSD		T 1.075	0.828	1.585
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 962.200	M 978.000	103.200
%RSD		M 0.196	M 0.387	5.928
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 3978.000	T 11280.000	TM 1047.000
%RSD		TM 0.899	T 0.248	TM 0.459
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 953.900	M 988.600	M 988.600
%RSD		M 0.445	M 0.402	M 0.278
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.385%	M 1008.000	-4.745
%RSD		0.648	M 0.776	6.502
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 962.800	TM 1269.000	108.800
%RSD		M 0.679	TM 0.547	0.778
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	105.900	680.100
%RSD		0.000	0.486	11.890
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 989.000	92.606%	104.100
%RSD		M 0.073	0.650	0.657
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		103.700	M 1203.000	0.000
%RSD		0.775	M 0.477	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.431%	107.300	TM 245.000
%RSD		0.154	1.200	TM 0.543
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1033.000	95.221%	
%RSD		TM 0.070	0.341	

240-17881 -c-7-a, 11/29/2012 12:02:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.846%	0.256	74.520
%RSD		0.167	5.023	1.558
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±25700.000	20530.000	6.340
%RSD		±0.498	0.996	13.110
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±971.900	40210.000
%RSD		±0.000	±0.640	0.749
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±92.974%	88.459%	0.160
%RSD		±0.593	0.702	41.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.502	-0.107	-39.320
%RSD		16.400	36.770	1.165
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±528.800	285.600	0.506
%RSD		±0.183	1.005	7.027
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.071	0.618	2.439
%RSD		1.896	4.096	7.004
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.387%	2.861	0.351
%RSD		0.333	6.158	13.030
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.297	±238.800	7.960
%RSD		1.798	±0.784	1.279
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.019	1.051
%RSD		0.000	33.890	104.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.122	93.901%	0.267
%RSD		7.011	0.219	10.710
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.664	79.410	0.000
%RSD		12.610	0.992	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.010%	1.126	0.523
%RSD		0.647	9.945	7.559
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.153	98.864%	
%RSD		21.540	0.660	

CCV 1 11/29/2012 12:07:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.999%	99.991%	96.737%
%RSD		0.612	0.414	0.431
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.511%	102.512%	100.523%
%RSD		0.626	1.376	0.890
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	101.141%	98.344%
%RSD		0.000	1.023	0.136
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.532%	87.393%	100.954%
%RSD		0.549	0.525	2.738
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.916%	98.471%	-37.200
%RSD		0.864	0.500	3.250
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		98.907%	100.510%	99.157%
%RSD		0.233	1.243	0.383
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.456%	102.582%	102.439%
%RSD		0.573	0.486	1.453
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.920%	99.106%	-0.610
%RSD		0.348	0.990	28.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.478%	97.950%	104.719%
%RSD		1.899	0.828	1.062
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	102.629%	74.920
%RSD		0.000	0.234	45.320
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.916%	90.707%	100.765%
%RSD		0.550	1.109	1.212
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.058%	98.644%	0.000
%RSD		0.521	0.124	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.479%	105.369%	91.229%
%RSD		0.909	0.934	0.872
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		98.385%	92.003%	
%RSD		0.982	0.197	

CCB 1 11/29/2012 12:15:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		90.894%	0.030	0.035
%RSD		0.154	6.518	268.900
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-6.110	9.217	0.535
%RSD		6.537	41.880	28.390
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	8.615	13.710
%RSD		±0.000	3.902	23.760
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±93.432%	87.678%	-0.060
%RSD		±0.340	0.420	171.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.718	-0.358	-43.620
%RSD		2.892	8.390	1.409
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.090	7.464	0.016
%RSD		3.721	9.738	11.070
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.026	0.007	0.422
%RSD		57.020	125.900	12.440
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.785%	-0.440	-0.111
%RSD		0.707	31.610	81.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.084	0.047	-0.018
%RSD		38.120	16.770	366.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.021	0.177
%RSD		0.000	17.880	269.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.015	93.515%	0.151
%RSD		76.890	0.293	12.220
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.231	0.011	0.000
%RSD		8.606	75.580	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.438%	0.786	0.378
%RSD		0.930	7.672	5.276
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.018	103.333%	
%RSD		12.230	0.116	

CRI -602109 11/29/2012 12:20:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.940%	106.729%	93.656%
%RSD		0.939	2.705	1.541
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		89.030%	98.971%	97.692%
%RSD		0.510	3.308	1.642
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		100.000	197.469%	96.224%
%RSD		0.000	0.414	2.468
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		191.955%	88.603%	86.998%
%RSD		0.090	0.290	9.468
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		87.142%	85.050%	-41.800
%RSD		3.448	1.046	1.285
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		88.913%	91.786%	97.279%
%RSD		0.196	0.622	7.480
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.140%	111.054%	97.719%
%RSD		5.767	4.186	2.426
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.732%	82.582%	-0.368
%RSD		0.650	6.005	20.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		94.602%	8.917	93.229%
%RSD		3.109	0.851	2.265
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	104.566%	1.685
%RSD		0.000	2.007	110.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		97.626%	93.616%	97.947%
%RSD		6.050	1.080	0.696
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		105.896%	92.143%	0.000
%RSD		2.452	1.777	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.304%	97.918%	92.604%
%RSD		0.472	0.220	1.728
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		92.789%	103.267%	
%RSD		0.486	0.729	

mb 240-66250/1-a, 11/29/2012 12:26:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.739%	0.013	-0.227
%RSD		1.199	12.470	11.440
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		36.980	57.280	2.151
%RSD		3.961	15.430	19.340
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	11.940	191.700
%RSD		±0.000	1.880	0.086
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±91.249%	87.056%	-0.060
%RSD		±0.583	0.704	43.920
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.725	-0.293	-40.640
%RSD		6.781	5.577	0.763
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.264	10.120	0.007
%RSD		2.292	5.581	40.190
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.044	0.712	6.143
%RSD		24.980	5.516	4.340
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.332%	-0.412	0.333
%RSD		0.804	17.570	2.521
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.099	0.428	-0.551
%RSD		50.680	1.354	1.434
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.361
%RSD		0.000	9.416	210.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.002	93.927%	0.223
%RSD		225.400	0.205	7.187
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.117	0.750	0.000
%RSD		16.270	5.936	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.182%	0.307	0.169
%RSD		0.609	10.700	8.808
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.074	102.855%	
%RSD		2.405	1.157	

Ics 240-66250/3-a, 11/29/2012 12:31:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.987%	M 927.700	88.890
%RSD		0.320	M 0.643	1.517
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8150.000	9483.000	M 8741.000
%RSD		0.674	0.707	M 0.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9168.000	8742.000
%RSD		T 0.000	T 0.668	0.584
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 86.971%	85.585%	89.310
%RSD		T 0.749	0.655	2.406
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 872.800	M 898.300	80.800
%RSD		M 0.543	M 0.591	3.338
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 917.900	T 8905.000	TM 957.700
%RSD		T 0.433	T 0.217	TM 0.334
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 894.400	M 935.000	M 946.600
%RSD		M 0.508	M 0.554	M 0.402
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.832%	M 881.700	-4.149
%RSD		0.567	M 0.416	3.737
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 892.200	M 838.600	88.790
%RSD		M 0.354	M 0.868	1.262
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	96.340	399.300
%RSD		0.000	1.453	24.410
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 928.100	92.511%	90.920
%RSD		M 0.850	0.852	0.659
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		91.090	M 876.400	0.000
%RSD		1.509	M 1.081	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.124%	89.340	TM 215.800
%RSD		0.268	1.433	TM 0.473
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 935.800	100.403%	
%RSD		TM 0.274	0.338	

240-17684 -h-6-b, 11/29/2012 12:38:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.647%	0.133	5.787
%RSD		0.698	0.883	2.029
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		721.900	679.200	6.482
%RSD		0.398	1.244	5.862
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	310.300	2668.000
%RSD		±0.000	5.222	5.432
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±82.599%	82.866%	0.169
%RSD		±5.397	0.799	122.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.570	-0.038	-44.150
%RSD		41.730	72.270	1.950
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		9.663	214.900	0.143
%RSD		5.727	0.954	11.380
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.256	0.763	3.194
%RSD		10.060	4.107	2.656
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.095%	-0.170	0.310
%RSD		0.585	85.190	28.680
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.379	12.450	-0.139
%RSD		14.580	0.799	130.600
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.016	0.175
%RSD		0.000	7.242	517.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.181	90.831%	0.224
%RSD		27.020	0.403	11.910
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.356	3.613	0.000
%RSD		16.400	1.102	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.037%	0.883	0.463
%RSD		0.177	12.270	8.078
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.149	102.020%	
%RSD		5.453	0.280	

240-17684 -h-7-b, 11/29/2012 12:44:18 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.692%	0.035	M 382.800
%RSD		0.648	19.570	M 0.612
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 50440.000	38770.000	3.236
%RSD		T 0.761	0.835	13.440
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 10870.000	TM 313000.000
%RSD		T 0.000	T 0.359	TM 0.561
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 83.365%	86.068%	0.918
%RSD		T 0.461	0.743	13.360
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.050	0.228	-49.820
%RSD		485.000	3.727	1.340
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1006.000	T 32560.000	0.559
%RSD		TM 0.395	T 0.900	2.203
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.005	0.576	1.295
%RSD		7.534	10.080	12.210
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.269%	0.697	0.243
%RSD		1.299	14.420	14.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.291	TM 1779.000	-0.507
%RSD		23.850	TM 1.059	1.393
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.165
%RSD		0.000	61.150	434.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.068	89.794%	0.190
%RSD		8.269	0.980	15.680
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.228	M 426.600	0.000
%RSD		12.490	M 1.241	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.170%	0.391	0.253
%RSD		0.725	1.452	6.379
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.076	87.304%	
%RSD		4.931	0.473	

240-17773 -h-1-b, 11/29/2012 12:49:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.577%	0.021	<u>M</u> 1195.000
%RSD		0.683	58.820	<u>M</u> 0.352
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>T</u> 70930.000	55050.000	5.682
%RSD		<u>T</u> 0.444	0.641	10.580
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 46690.000	<u>M</u> 193900.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.793	<u>M</u> 0.574
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.145%	85.516%	1.583
%RSD		0.627	0.599	14.970
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.210	2.689	-50.290
%RSD		59.590	1.682	0.763
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1336.000	<u>TM</u> 80110.000	2.756
%RSD		<u>TM</u> 0.553	<u>TM</u> 0.332	0.173
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		4.801	0.373	2.299
%RSD		0.709	16.240	5.688
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.396%	4.669	0.051
%RSD		0.550	5.722	79.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.443	<u>M</u> 849.100	-0.419
%RSD		17.700	<u>M</u> 0.277	9.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.540
%RSD		0.000	204.500	239.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.015	90.165%	6.027
%RSD		19.780	0.481	0.963
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.217	<u>M</u> 479.500	0.000
%RSD		14.210	<u>M</u> 0.150	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.199%	0.245	0.166
%RSD		1.314	7.803	5.587
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.047	87.748%	
%RSD		8.078	0.513	

240-17773 -h-2-b, 11/29/2012 12:55:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.199%	0.017	M 960.800
%RSD		0.686	13.390	M 1.150
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 42380.000	50670.000	4.725
%RSD		T 0.496	0.096	9.959
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 34300.000	M 253300.000
%RSD		T 0.000	T 1.163	M 0.507
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.051%	85.093%	1.146
%RSD		0.585	1.002	10.570
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.043	0.268	-50.520
%RSD		568.100	11.290	0.534
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 2184.000	T 36870.000	1.547
%RSD		TM 0.227	T 0.208	1.880
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.915	0.434	4.671
%RSD		4.680	16.570	1.516
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.838%	1.063	0.125
%RSD		1.250	3.490	56.360
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.377	TM 915.100	-0.271
%RSD		38.130	TM 3.651	2.837
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.500
%RSD		0.000	105.500	98.540
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.045	90.016%	0.238
%RSD		30.560	1.671	14.110
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.166	M 381.600	0.000
%RSD		9.288	M 0.043	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.780%	0.182	0.136
%RSD		1.100	11.240	0.337
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.015	89.465%	
%RSD		19.240	0.159	

240-17773 -h-3-b, 11/29/2012 13:00:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.701%	0.014	M 344.900
%RSD		0.506	61.930	M 0.939
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 80760.000	58010.000	3.882
%RSD		T 0.564	0.548	24.040
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 7505.000	TM 454000.000
%RSD		T 0.000	T 1.024	TM 0.269
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 87.416%	85.197%	0.593
%RSD		T 0.409	0.744	37.570
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.226	0.290	-46.290
%RSD		38.340	10.470	1.128
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1583.000	T 20200.000	1.256
%RSD		TM 0.406	T 0.413	0.844
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.695	0.331	3.349
%RSD		1.627	10.620	6.795
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.084%	1.323	0.404
%RSD		0.435	13.380	14.010
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.290	TM 3343.000	-0.690
%RSD		60.730	TM 0.843	5.995
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.459
%RSD		0.000	89.620	271.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.037	89.237%	0.057
%RSD		43.090	0.532	20.140
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.125	154.500	0.000
%RSD		4.326	1.279	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.069%	0.140	0.109
%RSD		0.656	3.261	3.584
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.014	86.627%	
%RSD		11.100	0.982	

240-17773 -h-4-b, 11/29/2012 13:06:21 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.424%	0.015	M 549.400
%RSD		0.637	4.507	M 0.484
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 44620.000	68090.000	3.785
%RSD		T 0.459	1.206	18.900
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 19440.000	M 146100.000
%RSD		T 0.000	T 0.835	M 0.233
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 87.847%	84.845%	0.856
%RSD		T 0.122	0.285	24.490
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.399	0.138	-44.850
%RSD		22.600	5.986	0.957
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 359.200	T 24090.000	0.401
%RSD		T 0.564	T 0.279	1.674
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.756	2.310	5.435
%RSD		8.517	0.738	5.203
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.631%	0.584	0.235
%RSD		0.548	12.150	14.080
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.253	M 2294.000	0.308
%RSD		41.840	M 0.748	23.070
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.836
%RSD		0.000	72.410	163.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.070	90.818%	0.126
%RSD		16.770	0.796	19.140
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.098	M 1609.000	0.000
%RSD		10.680	M 0.288	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.699%	0.492	0.087
%RSD		0.616	4.081	3.655
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.287	92.698%	
%RSD		0.686	0.792	

240-17773 -h-5-b, 11/29/2012 13:11:48 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.471%	0.010	M 883.800
%RSD		0.524	23.310	M 1.280
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 25090.000	81830.000	11.180
%RSD		T 0.388	0.753	9.142
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 24710.000	M 114500.000
%RSD		T 0.000	T 5.376	M 5.996
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 84.542%	84.606%	0.843
%RSD		T 6.330	0.536	26.020
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.391	0.021	-44.840
%RSD		40.260	113.300	0.760
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		96.620	T 25770.000	0.436
%RSD		5.767	T 0.170	5.826
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.900	2.893	8.991
%RSD		4.217	2.603	1.711
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.247%	3.152	0.265
%RSD		0.791	3.687	20.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.196	M 2076.000	4.849
%RSD		5.080	M 0.346	1.770
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.613
%RSD		0.000	31.700	93.720
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.030	90.960%	1.156
%RSD		55.590	0.194	5.916
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.132	M 2638.000	0.000
%RSD		11.730	M 2.848	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.737%	0.653	0.081
%RSD		1.095	1.887	3.918
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.382	93.763%	
%RSD		1.055	0.260	

CCV 11/29/2012 13:17:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.812%	101.238%	102.487%
%RSD		0.308	1.260	0.569
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.376%	103.905%	100.280%
%RSD		0.498	0.505	0.801
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.281%	98.754%
%RSD		0.000	0.548	0.838
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.995%	88.958%	97.419%
%RSD		0.759	1.203	2.578
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.612%	97.771%	-34.730
%RSD		0.108	0.880	0.970
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		98.853%	102.255%	98.139%
%RSD		0.277	0.825	1.487
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.967%	100.646%	102.129%
%RSD		1.359	0.544	1.057
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.799%	98.651%	-0.684
%RSD		0.910	0.468	39.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.704%	97.947%	102.976%
%RSD		0.073	0.515	1.143
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	102.305%	74.020
%RSD		0.000	0.605	23.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.453%	92.853%	101.163%
%RSD		0.403	0.340	1.227
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.451%	99.301%	0.000
%RSD		1.392	1.807	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.995%	104.220%	90.438%
%RSD		1.410	1.299	0.709
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		99.437%	95.303%	
%RSD		1.205	0.486	

CCB 11/29/2012 13:24:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.809%	0.035	1.841
%RSD		0.372	10.780	3.844
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-6.326	12.060	1.099
%RSD		8.532	32.530	33.150
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	12.550	17.400
%RSD		±0.000	10.170	22.180
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±95.254%	86.476%	0.017
%RSD		±0.333	0.621	261.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.780	-0.373	-43.810
%RSD		25.700	3.272	1.958
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.115	8.832	0.032
%RSD		11.030	15.530	19.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.012	0.008	0.477
%RSD		84.290	159.200	12.640
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.922%	-0.576	-0.049
%RSD		0.510	13.900	99.780
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.057	0.089	-0.232
%RSD		24.130	17.300	36.390
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.024	0.360
%RSD		0.000	4.790	75.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.028	93.903%	0.136
%RSD		11.100	0.856	32.880
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.114	0.055	0.000
%RSD		22.770	29.910	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.306%	0.600	0.265
%RSD		0.850	11.660	3.630
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.023	105.919%	
%RSD		20.730	0.479	

240-17773 -h-6-b, 11/29/2012 13:29:56 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.062%	0.011	M 806.700
%RSD		0.185	28.960	M 0.335
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 23840.000	64030.000	2.300
%RSD		T 0.174	0.352	11.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 23140.000	M 175300.000
%RSD		T 0.000	T 6.363	M 5.970
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 83.381%	83.221%	0.342
%RSD		T 5.738	0.636	68.680
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.769	-0.227	-47.780
%RSD		18.000	4.802	1.455
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 465.900	T 19670.000	0.784
%RSD		T 6.301	T 0.501	2.418
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		11.170	1.153	125.900
%RSD		0.667	0.867	1.140
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.349%	2.224	0.292
%RSD		1.173	0.541	13.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.139	M 1629.000	1.913
%RSD		13.830	M 0.873	6.325
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.009	2.269
%RSD		0.000	27.200	137.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.377	89.089%	0.122
%RSD		7.704	0.632	12.620
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.211	151.300	0.000
%RSD		5.645	0.276	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.632%	0.362	0.164
%RSD		0.687	5.158	8.350
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.906	92.835%	
%RSD		0.429	0.625	

240-17773 -h-7-b, 11/29/2012 13:35:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.297%	0.011	M 1216.000
%RSD		0.492	70.510	M 0.693
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 72190.000	56090.000	6.046
%RSD		T 1.239	0.345	3.780
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 44420.000	M 184100.000
%RSD		T 0.000	T 5.478	M 5.770
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 83.556%	85.026%	1.930
%RSD		T 6.611	1.107	31.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.263	2.745	-50.200
%RSD		64.990	0.032	0.541
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1272.000	TM 80600.000	2.739
%RSD		TM 6.358	TM 0.055	2.008
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		4.448	0.725	2.571
%RSD		2.839	6.474	7.644
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.923%	4.581	0.142
%RSD		1.028	3.215	43.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.411	M 859.900	-0.476
%RSD		16.320	M 0.214	5.480
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.914
%RSD		0.000	27.140	53.410
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.006	90.399%	0.331
%RSD		191.500	0.825	3.063
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.149	M 481.900	0.000
%RSD		14.170	M 0.651	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.983%	0.169	0.108
%RSD		1.691	3.334	2.844
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.050	90.556%	
%RSD		3.056	0.835	

240-17773 -h-8-b, 11/29/2012 13:41:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.675%	-0.002	7.621
%RSD		1.099	48.280	1.432
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		18.840	35.300	6.018
%RSD		5.471	8.747	4.882
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	19.240	136.600
%RSD		±0.000	5.333	0.899
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±92.827%	86.326%	0.047
%RSD		±0.689	0.613	239.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.742	-0.124	-44.340
%RSD		25.330	16.760	1.441
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.987	32.540	0.044
%RSD		2.892	11.120	11.720
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.217	1.260	2.904
%RSD		5.631	4.660	4.299
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.405%	-0.552	0.305
%RSD		0.671	9.611	1.310
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.008	0.534	-0.757
%RSD		616.000	1.276	2.379
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.335
%RSD		0.000	82.560	767.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.148	94.375%	0.047
%RSD		7.616	0.601	60.060
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.041	0.289	0.000
%RSD		27.760	13.270	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.364%	0.130	0.071
%RSD		0.229	2.902	4.515
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.072	105.750%	
%RSD		2.214	0.368	

AG 2 PPM 11/29/2012 13:46:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.943%	0.001	2.403
%RSD		0.489	135.200	1.688
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-9.775	6.140	0.965
%RSD		1.786	26.560	43.910
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	14.490	21.470
%RSD		10.000	4.199	30.750
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.642%	84.505%	-0.086
%RSD		10.399	0.879	82.990
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.589	-0.373	-44.330
%RSD		12.620	2.735	0.706
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.142	5.579	0.007
%RSD		5.234	3.268	38.870
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.032	-0.007	1.744
%RSD		21.350	15.650	2.994
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.067%	-0.518	-0.098
%RSD		0.611	8.902	72.740
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.032	0.102	-0.804
%RSD		87.080	15.030	1.096
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	TM 2442.000	13.900
%RSD		0.000	TM 0.845	22.730
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.000	93.405%	0.057
%RSD		959.400	1.133	6.746
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.036	0.043	0.000
%RSD		29.320	38.090	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.567%	0.084	0.054
%RSD		0.489	10.670	4.078
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		-0.004	105.418%	
%RSD		78.950	0.259	

mb 240-65948/1 -a, 11/29/2012 13:51:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.574%	0.005	1.396
%RSD		0.613	106.500	4.166
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		21.200	43.550	1.724
%RSD		2.031	3.133	19.340
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	8.036	226.200
%RSD		±0.000	2.384	2.683
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±91.462%	82.410%	-0.035
%RSD		±0.571	0.385	342.600
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.727	-0.264	-47.090
%RSD		12.010	7.446	1.239
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.342	8.621	0.007
%RSD		4.743	4.784	15.480
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.038	0.655	13.380
%RSD		70.480	1.103	4.727
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.594%	-0.684	0.302
%RSD		0.307	5.078	12.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.088	0.355	-0.808
%RSD		42.480	4.270	1.342
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.557	0.078
%RSD		0.000	13.070	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.001	92.495%	0.069
%RSD		1148.000	0.258	6.650
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.019	0.663	0.000
%RSD		36.110	10.200	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.902%	0.060	0.045
%RSD		0.253	15.460	3.488
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.092	107.253%	
%RSD		4.490	0.304	

Ics 240-65948/2-a, 11/29/2012 13:57:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.087%	M 908.500	88.090
%RSD		0.494	M 0.378	0.260
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8115.000	9518.000	M 8726.000
%RSD		0.552	1.474	M 0.514
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9601.000	9135.000
%RSD		T 0.000	T 6.839	6.333
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 83.343%	81.831%	91.410
%RSD		T 6.018	0.721	2.038
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 852.100	M 876.900	73.050
%RSD		M 0.319	M 0.385	9.118
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 938.700	T 8912.000	TM 930.800
%RSD		TM 6.045	T 0.950	TM 0.472
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 878.900	M 903.100	M 932.500
%RSD		M 0.239	M 0.341	M 0.155
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.751%	M 857.400	-3.937
%RSD		0.463	M 0.288	7.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 877.700	M 823.300	85.670
%RSD		M 0.355	M 0.565	0.485
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	94.870	546.100
%RSD		0.000	0.569	36.340
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 912.900	90.588%	89.990
%RSD		M 0.538	0.588	0.702
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		89.480	M 866.400	0.000
%RSD		0.622	M 0.537	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.957%	87.170	TM 210.500
%RSD		0.490	1.228	TM 0.543
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 918.000	103.538%	
%RSD		TM 0.327	0.249	

240-17879 -I-13 -a, 11/29/2012 14:04:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.356%	0.044	17.770
%RSD		0.464	10.800	1.887
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>18690.000</u>	50.140	403.500
%RSD		<u>0.779</u>	7.923	1.750
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>15980.000</u>	<u>175300.000</u>
%RSD		<u>0.000</u>	<u>0.606</u>	<u>0.338</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>89.051%</u>	81.537%	0.047
%RSD		<u>1.121</u>	0.302	212.600
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.601	42.510	-45.180
%RSD		26.260	0.428	2.842
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.828	-47.860	0.510
%RSD		3.234	1.599	3.052
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.216	3.788	2.631
%RSD		2.073	3.731	12.210
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.400%	0.392	0.363
%RSD		0.719	22.400	6.845
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.579	<u>7050.000</u>	1.516
%RSD		8.408	<u>0.307</u>	3.743
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	-0.130
%RSD		0.000	5.972	1315.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.018	90.529%	0.284
%RSD		9.184	0.538	8.646
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.397	114.000	0.000
%RSD		9.019	1.195	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.370%	0.785	0.394
%RSD		0.658	10.130	9.262
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.060	98.125%	
%RSD		2.971	0.833	

SD 240-17879 -I-13 -a@5, 11/29/2012 14:10:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.835%	0.022	3.901
%RSD		0.321	41.570	2.010
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3512.000	7.408	82.740
%RSD		1.267	11.280	1.393
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	13532.000	38480.000
%RSD		10.000	16.285	5.938
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		179.935%	77.809%	-0.109
%RSD		16.721	0.656	0.532
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.045	8.262	-46.500
%RSD		4.615	1.201	0.567
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.208	-9.702	0.110
%RSD		15.250	3.881	5.759
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.644	0.875	0.955
%RSD		2.507	4.344	9.712
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.291%	-0.447	0.049
%RSD		0.831	5.527	46.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.127	1386.000	-0.323
%RSD		25.090	0.549	14.130
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.008	0.858
%RSD		0.000	31.110	39.380
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	88.857%	0.060
%RSD		111.400	0.243	29.780
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.149	22.570	0.000
%RSD		9.412	1.448	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.125%	0.263	0.185
%RSD		0.720	7.018	1.174
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.011	103.508%	
%RSD		16.200	0.186	

240-17879 -I-13 -b ms, 11/29/2012 14:15:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.741%	<u>M</u> 963.100	111.600
%RSD		0.520	<u>M</u> 0.143	0.589
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>T</u> 29430.000	10220.000	<u>M</u> 9808.000
%RSD		<u>T</u> 1.390	0.060	<u>M</u> 1.006
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 30240.000	<u>M</u> 213000.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.828	<u>M</u> 0.289
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.334%	80.444%	101.300
%RSD		0.783	1.522	2.099
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 951.500	<u>M</u> 1004.000	101.800
%RSD		<u>M</u> 0.955	<u>M</u> 1.440	2.787
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1098.000	<u>T</u> 10100.000	<u>TM</u> 1028.000
%RSD		<u>TM</u> 0.219	<u>T</u> 0.623	<u>TM</u> 0.544
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 943.900	<u>M</u> 956.000	<u>M</u> 988.200
%RSD		<u>M</u> 0.891	<u>M</u> 0.737	<u>M</u> 0.259
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.784%	<u>M</u> 966.800	-4.755
%RSD		0.705	<u>M</u> 0.276	4.099
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M</u> 956.000	<u>TM</u> 8327.000	103.200
%RSD		<u>M</u> 0.200	<u>TM</u> 0.143	0.897
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.880	485.400
%RSD		0.000	0.502	27.470
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M</u> 980.300	88.608%	100.800
%RSD		<u>M</u> 0.927	1.195	0.338
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.150	<u>M</u> 1090.000	0.000
%RSD		1.216	<u>M</u> 0.230	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.699%	103.300	<u>TM</u> 243.700
%RSD		0.962	0.493	<u>TM</u> 0.422
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1043.000	93.782%	
%RSD		<u>TM</u> 0.357	0.331	

240-17879 -I-13 -c msd, 11/29/2012 14:22:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.318%	<u>M</u> 977.000	113.000
%RSD		1.012	<u>M</u> 0.511	0.742
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>T</u> 29170.000	10280.000	<u>M</u> 9822.000
%RSD		<u>T</u> 1.378	0.354	<u>M</u> 1.450
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 29830.000	<u>M</u> 211900.000
%RSD		<u>T</u> 0.000	<u>T</u> 1.063	<u>M</u> 0.469
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.961%	80.959%	100.000
%RSD		0.337	1.618	1.113
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 962.100	<u>M</u> 1013.000	94.920
%RSD		<u>M</u> 0.918	<u>M</u> 0.843	7.403
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1106.000	<u>T</u> 10080.000	<u>TM</u> 1031.000
%RSD		<u>TM</u> 0.390	<u>T</u> 0.295	<u>TM</u> 1.216
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 943.300	<u>M</u> 952.100	<u>M</u> 962.500
%RSD		<u>M</u> 0.639	<u>M</u> 0.578	<u>M</u> 0.376
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.576%	<u>M</u> 970.900	-4.739
%RSD		0.701	<u>M</u> 0.503	15.620
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M</u> 964.000	<u>TM</u> 8137.000	102.300
%RSD		<u>M</u> 0.689	<u>TM</u> 0.588	0.385
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.230	439.500
%RSD		0.000	0.267	21.590
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M</u> 975.800	89.968%	99.940
%RSD		<u>M</u> 0.553	0.498	0.542
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.050	<u>M</u> 1089.000	0.000
%RSD		0.528	<u>M</u> 0.332	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.648%	103.200	<u>TM</u> 244.300
%RSD		1.209	0.152	<u>TM</u> 0.465
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1046.000	94.549%	
%RSD		<u>TM</u> 0.190	0.622	

CCV 3 11/29/2012 14:30:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.541%	100.935%	97.640%
%RSD		0.814	0.974	1.439
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.016%	103.686%	100.621%
%RSD		0.824	0.548	0.968
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	106.504%	102.629%
%RSD		0.000	7.292	6.404
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.761%	82.779%	96.983%
%RSD		6.413	0.408	2.252
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.493%	97.994%	-35.070
%RSD		1.348	0.191	2.139
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.975%	102.834%	98.407%
%RSD		7.297	0.707	0.656
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.108%	100.708%	101.340%
%RSD		1.130	0.872	0.872
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.316%	98.626%	-0.700
%RSD		0.483	0.888	16.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.942%	99.860%	104.836%
%RSD		1.732	1.028	0.754
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.705%	28.350
%RSD		0.000	0.614	161.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.487%	88.293%	102.073%
%RSD		0.394	0.826	0.711
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.199%	98.793%	0.000
%RSD		0.695	0.672	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.595%	105.843%	91.723%
%RSD		0.898	0.654	0.699
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.091%	93.282%	
%RSD		0.590	0.064	

CCB 3 11/29/2012 14:37:12 QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.069%	0.054	0.336
%RSD		0.540	13.890	7.312
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-4.092	15.270	1.195
%RSD		11.950	16.360	11.520
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	18.700	34.850
%RSD		±0.000	15.040	19.260
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±81.893%	78.525%	-0.043
%RSD		±6.457	0.336	289.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.592	-0.383	-44.760
%RSD		7.564	2.136	0.905
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.206	10.690	0.031
%RSD		16.230	13.830	32.140
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.029	0.062	0.487
%RSD		43.280	55.960	38.320
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.705%	-0.476	-0.098
%RSD		0.694	21.950	4.606
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.069	0.134	-0.063
%RSD		102.100	11.210	205.600
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.028	0.523
%RSD		0.000	10.100	47.290
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.035	88.375%	0.186
%RSD		59.830	0.197	19.050
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.285	0.065	0.000
%RSD		3.584	22.930	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.814%	0.840	0.447
%RSD		1.090	10.870	4.326
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.045	103.477%	
%RSD		7.611	0.587	

240-17879 -c-5-a, 11/29/2012 14:42:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.631%	0.025	139.600
%RSD		0.313	21.850	0.425
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>14040.000</u>	28120.000	155.900
%RSD		<u>0.276</u>	1.415	2.609
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>6658.000</u>	95300.000
%RSD		<u>0.000</u>	<u>6.290</u>	6.080
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>80.225%</u>	78.178%	2.033
%RSD		<u>6.467</u>	0.437	9.987
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.345	97.360	-26.520
%RSD		35.090	0.442	5.862
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		28.160	134.700	0.187
%RSD		5.751	1.069	4.033
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.866	0.769	3.883
%RSD		9.391	7.526	5.460
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.816%	1.382	0.318
%RSD		0.714	15.250	8.597
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.034	<u>412.000</u>	3.568
%RSD		7.058	<u>1.083</u>	1.666
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	-0.254
%RSD		0.000	47.510	284.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.021	85.897%	0.296
%RSD		51.880	0.280	9.247
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.425	30.500	0.000
%RSD		3.422	1.304	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.246%	0.444	0.287
%RSD		0.866	5.450	2.542
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.198	96.853%	
%RSD		4.833	0.240	

240-17879 -c-6-a, 11/29/2012 14:48:08 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.174%	0.018	163.300
%RSD		0.662	38.970	1.392
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9174.000	17190.000	29.090
%RSD		0.400	1.992	3.208
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	17561.000	78560.000
%RSD		0.000	1.161	0.662
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.705%	76.242%	0.167
%RSD		0.055	0.532	45.780
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.673	122.100	-24.880
%RSD		8.524	0.338	3.317
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		10.970	-12.690	0.076
%RSD		0.718	3.069	7.282
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.463	0.583	2.681
%RSD		2.522	20.970	2.596
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.775%	1.526	0.294
%RSD		0.145	4.327	2.729
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.746	273.700	4.349
%RSD		1.728	0.246	3.059
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.554
%RSD		0.000	18.130	121.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.018	85.714%	0.075
%RSD		48.440	0.750	7.903
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.382	28.110	0.000
%RSD		8.431	0.708	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.207%	0.312	0.205
%RSD		0.433	2.061	3.606
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.009	97.113%	
%RSD		21.430	0.655	

240-17879 -c-7-a, 11/29/2012 14:53:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.449%	0.013	165.700
%RSD		0.930	77.120	1.150
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9345.000	17600.000	29.080
%RSD		1.707	1.475	5.524
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	17715.000	80130.000
%RSD		0.000	0.483	0.358
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.772%	75.516%	0.136
%RSD		0.386	1.540	57.790
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.277	124.700	-24.480
%RSD		53.610	0.658	11.500
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		9.360	-12.700	0.073
%RSD		0.816	2.932	18.290
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.434	0.542	2.342
%RSD		6.460	5.953	2.376
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.148%	1.457	0.315
%RSD		1.403	8.037	16.150
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.849	280.100	4.598
%RSD		3.974	0.420	1.554
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	-0.071
%RSD		0.000	265.900	365.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.008	84.620%	0.056
%RSD		144.500	1.046	24.090
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.373	28.800	0.000
%RSD		1.850	0.932	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.242%	0.252	0.164
%RSD		1.134	4.283	4.568
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.002	97.000%	
%RSD		20.180	0.047	

240-17879 -c-8-a, 11/29/2012 14:59:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.188%	0.017	49.330
%RSD		0.566	12.990	2.061
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		28450.000	68510.000	30.730
%RSD		0.299	0.629	6.492
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4146.000	162900.000
%RSD		0.000	0.949	0.600
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.854%	78.865%	0.040
%RSD		0.500	1.022	252.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.284	0.163	-34.180
%RSD		118.900	17.450	3.420
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		18.000	38.000	0.115
%RSD		0.822	3.814	12.400
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.848	0.687	3.841
%RSD		3.441	0.956	8.190
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.368%	1.189	0.513
%RSD		0.412	6.354	10.650
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.309	883.500	-0.447
%RSD		9.026	0.676	7.936
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.283
%RSD		0.000	181.800	125.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.020	84.900%	0.092
%RSD		43.580	0.736	8.808
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.115	31.440	0.000
%RSD		10.810	1.064	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.784%	0.135	0.121
%RSD		1.029	1.986	1.511
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.024	91.649%	
%RSD		20.950	0.555	

240-17879 -c-9-a, 11/29/2012 15:04:48 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.469%	0.009	61.340
%RSD		0.393	54.590	0.463
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>20330.000</u>	<u>M 142900.000</u>	15.610
%RSD		<u>0.411</u>	<u>M 0.345</u>	3.846
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>5538.000</u>	<u>M 264600.000</u>
%RSD		<u>0.000</u>	<u>1.092</u>	<u>M 0.149</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.424%	78.394%	0.125
%RSD		0.466	1.210	81.880
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.479	0.094	-29.720
%RSD		65.140	19.960	2.804
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		9.552	-28.860	0.086
%RSD		0.983	3.899	21.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.831	0.453	2.056
%RSD		8.793	8.161	0.563
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.287%	2.183	0.577
%RSD		1.133	5.066	17.960
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.391	<u>M 1980.000</u>	-0.491
%RSD		36.720	<u>M 0.655</u>	11.240
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	-0.369
%RSD		0.000	35.130	210.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.005	83.815%	1.651
%RSD		101.300	1.161	3.125
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.142	22.800	0.000
%RSD		12.330	0.570	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.854%	0.109	0.108
%RSD		0.902	4.392	0.973
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.032	88.849%	
%RSD		11.490	0.404	

240-17879 -c-10 -a, 11/29/2012 15:10:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.628%	0.005	41.710
%RSD		0.820	69.960	1.036
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		32930.000	28620.000	42.110
%RSD		0.682	1.102	2.746
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3399.000	109100.000
%RSD		0.000	0.239	0.469
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.197%	74.355%	0.159
%RSD		0.575	0.896	55.230
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.314	0.131	-37.850
%RSD		19.840	24.390	1.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		23.270	71.460	0.153
%RSD		0.101	0.143	12.920
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.884	0.811	3.427
%RSD		11.860	14.710	5.857
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.069%	0.625	0.321
%RSD		0.101	14.150	30.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.254	380.100	-0.513
%RSD		51.370	0.246	3.916
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.476
%RSD		0.000	46.670	257.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.008	83.271%	0.071
%RSD		94.690	0.836	10.490
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.084	36.110	0.000
%RSD		9.969	1.551	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.717%	0.084	0.083
%RSD		0.739	0.862	6.556
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.046	95.472%	
%RSD		7.497	0.264	

240-17879 -d-11 -a, 11/29/2012 15:15:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.217%	0.014	43.130
%RSD		0.536	11.390	2.715
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34230.000	28910.000	45.100
%RSD		0.312	0.726	0.716
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3205.000	111900.000
%RSD		0.000	0.582	0.455
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.942%	70.152%	0.313
%RSD		0.384	0.430	108.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.243	0.186	-45.540
%RSD		59.400	18.510	1.801
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		30.390	87.310	0.159
%RSD		1.186	0.981	6.353
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.980	0.914	4.551
%RSD		10.300	6.159	1.235
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.000%	0.260	0.368
%RSD		0.431	44.670	8.315
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.196	392.700	-0.546
%RSD		17.850	0.569	8.735
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	0.252
%RSD		0.000	306.200	227.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.010	81.366%	0.091
%RSD		53.270	0.157	10.350
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.072	40.260	0.000
%RSD		12.900	1.163	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.073%	0.069	0.066
%RSD		0.841	5.938	5.605
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.044	96.379%	
%RSD		3.528	0.237	

240-17879 -d-12 -a, 11/29/2012 15:21:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.242%	0.106	32.390
%RSD		0.478	10.300	1.075
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		25990.000	15490.000	1477.000
%RSD		0.885	0.684	1.986
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	9619.000	136400.000
%RSD		0.000	0.396	0.184
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.478%	65.302%	16.340
%RSD		0.516	1.037	8.916
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.467	20.490	-48.020
%RSD		20.530	1.200	2.654
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		151.000	1604.000	1.466
%RSD		0.691	0.598	2.694
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		4.171	4.344	16.260
%RSD		3.841	1.411	1.067
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.052%	0.553	0.333
%RSD		0.416	21.070	6.586
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.340	3252.000	0.127
%RSD		35.480	0.094	66.100
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.014	0.791
%RSD		0.000	15.160	23.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.040	77.390%	0.205
%RSD		15.440	0.397	20.600
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.109	76.400	0.000
%RSD		9.835	0.357	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.473%	0.083	0.073
%RSD		0.305	7.344	10.430
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.472	93.870%	
%RSD		1.603	0.561	

240-17879 -d-14 -a, 11/29/2012 15:26:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.111%	0.033	41.060
%RSD		0.214	11.570	0.588
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±29130.000	23230.000	429.800
%RSD		±0.877	0.322	0.942
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4417.000	90500.000
%RSD		±0.000	±0.147	0.352
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.381%	65.269%	5.026
%RSD		0.657	0.835	6.609
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.355	10.020	-38.460
%RSD		42.590	1.132	1.797
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		44.480	467.500	0.394
%RSD		0.081	0.372	7.661
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.371	1.305	6.564
%RSD		10.680	11.390	5.573
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.701%	0.336	0.328
%RSD		0.309	27.270	18.350
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.295	μ452.700	-0.365
%RSD		41.940	μ0.882	6.980
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	-1.063
%RSD		0.000	19.870	70.380
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.029	77.837%	0.268
%RSD		78.850	0.202	8.376
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.094	35.890	0.000
%RSD		8.475	2.049	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.786%	0.060	0.055
%RSD		0.224	11.650	10.490
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.386	93.561%	
%RSD		2.477	0.412	

240-17879 -d-16 -a, 11/29/2012 15:32:21 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.611%	0.076	31.620
%RSD		0.389	8.551	1.122
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8409.000	3466.000	M 1350.000
%RSD		0.336	2.100	M 0.078
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 7729.000	30010.000
%RSD		T 0.000	T 0.200	0.665
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.298%	67.438%	18.620
%RSD		0.669	0.889	8.447
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.857	42.590	-26.080
%RSD		27.490	0.443	2.683
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		84.430	1561.000	1.135
%RSD		0.138	0.604	1.914
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.623	3.465	16.220
%RSD		2.012	4.434	0.860
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		70.717%	0.497	0.356
%RSD		0.898	5.027	3.259
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.357	M 640.700	0.090
%RSD		28.980	M 0.263	16.620
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	0.213
%RSD		0.000	36.600	312.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.024	78.620%	0.207
%RSD		37.500	0.740	5.706
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.168	27.790	0.000
%RSD		7.397	1.247	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.178%	0.064	0.062
%RSD		0.696	2.108	12.780
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.418	96.356%	
%RSD		2.175	0.277	

CCV 4 11/29/2012 15:37:58 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.359%	103.825%	100.603%
%RSD		0.712	0.770	1.507
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.688%	106.822%	102.801%
%RSD		0.554	0.501	0.360
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	111.960%	109.659%
%RSD		0.000	0.373	0.134
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.091%	75.057%	99.111%
%RSD		0.967	1.005	2.859
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.002%	98.467%	-27.250
%RSD		1.124	0.346	2.886
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		109.762%	102.976%	97.384%
%RSD		0.718	0.378	0.622
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.309%	99.103%	102.012%
%RSD		0.680	0.449	0.267
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.758%	97.979%	-0.626
%RSD		0.858	0.421	16.910
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.252%	99.786%	103.373%
%RSD		0.667	1.085	1.513
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.628%	83.650
%RSD		0.000	0.431	40.180
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.841%	81.843%	103.397%
%RSD		1.442	0.276	0.912
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		103.771%	99.390%	0.000
%RSD		0.809	1.083	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.544%	104.996%	90.942%
%RSD		1.184	0.411	0.717
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.355%	91.711%	
%RSD		0.358	0.693	

CCB 4 11/29/2012 15:44:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.586%	0.037	0.186
%RSD		0.946	22.020	48.070
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-6.900	10.010	0.842
%RSD		8.643	35.180	35.260
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	21.160	32.180
%RSD		±0.000	1.257	24.200
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.335%	71.702%	0.100
%RSD		0.606	0.623	33.250
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.562	-0.258	-36.510
%RSD		26.350	12.960	1.392
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.188	8.770	0.041
%RSD		3.561	11.750	6.118
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.033	0.013	0.613
%RSD		47.370	317.300	30.530
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.403%	-0.327	-0.061
%RSD		0.200	13.700	26.690
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.051	0.141	-0.209
%RSD		117.600	18.020	57.530
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.026	0.306
%RSD		0.000	14.220	153.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.032	82.180%	0.138
%RSD		22.160	0.569	28.050
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.129	0.055	0.000
%RSD		10.210	4.062	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.123%	0.612	0.277
%RSD		0.780	12.820	11.620
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.029	100.859%	
%RSD		6.149	0.519	

240-17879 -d-17 -a, 11/29/2012 15:50:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.633%	0.013	32.660
%RSD		0.595	23.700	0.991
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8770.000	2702.000	18.280
%RSD		0.582	1.401	6.835
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	17753.000	21130.000
%RSD		10.000	10.722	0.669
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.202%	70.696%	0.454
%RSD		0.684	0.539	43.110
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.838	34.690	-28.890
%RSD		4.957	0.952	3.614
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.803	3.697	0.175
%RSD		4.476	4.513	4.715
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.373	1.019	2.363
%RSD		8.307	6.159	8.913
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.775%	-0.103	0.326
%RSD		0.405	127.900	10.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.411	626.500	0.230
%RSD		35.220	0.481	14.710
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.077
%RSD		0.000	81.280	350.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.006	81.483%	0.122
%RSD		33.260	0.640	21.670
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.147	16.310	0.000
%RSD		11.790	1.004	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.220%	0.212	0.136
%RSD		0.129	2.240	7.191
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.011	98.497%	
%RSD		12.170	0.398	

240-17879 -d-18 -a, 11/29/2012 15:55:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.697%	0.010	43.470
%RSD		0.191	70.820	0.324
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34230.000	28720.000	46.940
%RSD		0.145	0.613	1.971
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3278.000	112200.000
%RSD		0.000	0.504	0.434
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.792%	71.247%	0.048
%RSD		0.844	0.446	135.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.399	-0.084	-37.450
%RSD		87.240	12.810	2.151
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		29.390	90.530	0.144
%RSD		1.018	1.362	10.570
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.749	0.756	3.306
%RSD		5.570	9.698	2.353
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.321%	0.531	0.428
%RSD		0.384	10.860	23.720
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.264	390.900	-0.509
%RSD		22.700	0.479	6.926
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	0.575
%RSD		0.000	73.990	156.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.011	79.973%	0.078
%RSD		111.000	0.680	22.870
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.081	38.620	0.000
%RSD		9.996	1.818	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.242%	0.112	0.095
%RSD		0.574	10.790	2.156
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.044	92.135%	
%RSD		3.694	0.951	

240-17879 -d-19 -a, 11/29/2012 16:01:18 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.296%	0.011	43.350
%RSD		0.804	60.460	1.653
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		35100.000	29370.000	40.960
%RSD		0.537	0.557	1.469
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3316.000	112700.000
%RSD		0.000	0.582	0.663
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.747%	70.431%	0.403
%RSD		0.523	0.437	63.460
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.162	-0.090	-34.780
%RSD		255.600	25.650	3.451
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		27.020	85.490	0.161
%RSD		0.153	1.665	9.019
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.905	0.856	3.701
%RSD		9.833	12.390	3.702
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.096%	0.644	0.394
%RSD		0.110	4.814	13.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.197	397.500	-0.506
%RSD		53.870	0.669	7.949
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.383
%RSD		0.000	18.440	385.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.015	78.855%	0.124
%RSD		93.950	0.909	17.230
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.082	38.950	0.000
%RSD		9.862	1.884	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.784%	0.098	0.075
%RSD		0.592	5.869	5.055
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.042	91.186%	
%RSD		6.264	0.038	

mb 240-65912/1-a, 11/29/2012 16:06:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.386%	0.002	0.174
%RSD		0.770	210.300	27.760
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		48.640	88.120	2.002
%RSD		4.870	2.522	15.780
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	16.830	389.100
%RSD		±0.000	2.280	2.695
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.184%	67.015%	-0.151
%RSD		0.684	0.163	38.630
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.515	-0.045	-29.340
%RSD		48.110	51.070	3.483
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.568	20.440	0.007
%RSD		1.902	1.208	39.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.060	0.767	17.250
%RSD		42.400	9.335	2.670
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.143%	-0.127	0.368
%RSD		0.154	70.210	21.250
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.082	0.688	-0.863
%RSD		48.820	3.202	0.335
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	0.960
%RSD		0.000	18.920	105.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.017	78.404%	0.107
%RSD		87.540	0.574	30.220
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.015	0.870	0.000
%RSD		43.990	9.793	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.297%	0.065	0.043
%RSD		0.300	3.705	5.859
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.093	99.696%	
%RSD		1.626	0.517	

Ics 240-65912/2-a, 11/29/2012 16:12:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.447%	M 934.400	89.600
%RSD		0.375	M 0.426	0.981
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8365.000	9718.000	M 8885.000
%RSD		0.746	1.005	M 1.085
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9987.000	9726.000
%RSD		T 0.000	T 0.288	0.031
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.273%	66.004%	87.110
%RSD		0.396	1.349	0.675
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 835.700	M 863.000	81.780
%RSD		M 0.849	M 0.623	2.794
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 988.100	T 8923.000	M 839.500
%RSD		T 0.212	T 0.679	M 0.528
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 852.000	M 877.200	M 943.300
%RSD		M 0.203	M 0.167	M 0.232
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.718%	M 842.400	-4.154
%RSD		0.187	M 0.504	17.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 889.400	M 829.500	84.340
%RSD		M 0.737	M 0.536	0.869
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	92.460	473.300
%RSD		0.000	0.460	16.680
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 920.400	77.966%	98.680
%RSD		M 0.649	0.206	0.667
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		91.000	M 855.900	0.000
%RSD		0.899	M 0.469	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.311%	86.100	TM 210.700
%RSD		0.640	0.673	TM 0.383
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 921.200	96.712%	
%RSD		TM 0.535	0.559	

240-17822 -d-1-a, 11/29/2012 16:19:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.709%	0.156	49.320
%RSD		0.730	1.687	1.544
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		†28080.000	68520.000	32.980
%RSD		†0.300	0.760	5.961
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		†0.000	†3911.000	‡164000.000
%RSD		†0.000	†0.723	‡0.372
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.957%	71.328%	0.323
%RSD		0.537	0.496	43.280
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.186	0.681	-31.760
%RSD		213.300	4.053	4.035
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		19.190	42.790	0.259
%RSD		0.260	2.070	5.700
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.180	0.819	4.866
%RSD		1.787	9.668	2.825
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.472%	1.418	0.409
%RSD		0.426	4.376	7.692
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.705	‡890.400	-0.000
%RSD		10.860	‡0.606	166800.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.021	0.429
%RSD		0.000	39.960	160.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.182	79.399%	2.671
%RSD		28.240	0.869	5.338
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.411	33.520	0.000
%RSD		9.226	0.504	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.835%	0.835	0.420
%RSD		0.335	9.323	9.743
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.216	90.023%	
%RSD		8.625	0.637	

SD 240-17822 -d-1-a@5, 11/29/2012 16:24:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.767%	0.019	10.450
%RSD		0.379	8.015	1.332
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		5293.000	14620.000	6.635
%RSD		0.617	1.417	10.010
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	734.900	33440.000
%RSD		10.000	0.940	0.272
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.098%	68.991%	-0.001
%RSD		0.770	0.157	12430.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.461	0.117	-26.040
%RSD		59.410	25.990	1.584
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		3.916	9.044	0.043
%RSD		0.406	6.325	2.521
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.187	0.173	1.018
%RSD		6.971	10.350	17.030
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.204%	0.303	0.037
%RSD		0.549	14.430	146.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.096	177.700	-0.657
%RSD		31.140	0.475	3.562
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	1.235
%RSD		0.000	101.000	83.430
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.036	78.826%	0.490
%RSD		34.710	0.237	11.020
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.151	6.719	0.000
%RSD		15.610	1.434	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.594%	0.250	0.188
%RSD		0.908	4.437	2.131
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.019	96.051%	
%RSD		23.950	0.151	

240-17822 -d-1-b ms, 11/29/2012 16:30:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.794%	<u>M</u> 970.500	145.100
%RSD		0.624	<u>M</u> 1.280	1.092
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>T</u> 37700.000	78420.000	<u>M</u> 9525.000
%RSD		<u>T</u> 0.506	0.185	<u>M</u> 0.307
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 15140.000	<u>M</u> 176900.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.479	<u>M</u> 0.580
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.935%	69.964%	98.260
%RSD		0.643	0.953	3.013
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 931.300	<u>M</u> 939.200	99.680
%RSD		<u>M</u> 0.181	<u>M</u> 0.312	6.654
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1097.000	<u>T</u> 10170.000	<u>M</u> 916.600
%RSD		<u>TM</u> 0.152	<u>T</u> 0.985	<u>M</u> 0.759
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 911.900	<u>M</u> 921.300	<u>M</u> 959.900
%RSD		<u>M</u> 0.485	<u>M</u> 0.888	<u>M</u> 0.614
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.673%	<u>M</u> 961.300	-4.793
%RSD		0.288	<u>M</u> 0.602	6.879
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M</u> 973.400	<u>TM</u> 1964.000	98.500
%RSD		<u>M</u> 0.718	<u>TM</u> 0.526	1.671
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.330	478.600
%RSD		0.000	0.623	21.250
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M</u> 977.600	78.030%	100.600
%RSD		<u>M</u> 0.660	1.583	1.340
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.500	<u>M</u> 986.800	0.000
%RSD		0.421	<u>M</u> 0.533	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.326%	101.300	<u>TM</u> 242.100
%RSD		1.360	0.371	<u>TM</u> 0.981
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1049.000	89.195%	
%RSD		<u>TM</u> 0.732	1.583	

240-17822 -d-1-c msd, 11/29/2012 16:37:48 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.691%	M 991.900	148.900
%RSD		0.794	M 0.832	1.337
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 38380.000	79870.000	M 9576.000
%RSD		T 0.949	0.030	M 0.343
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 15070.000	M 180300.000
%RSD		T 0.000	T 0.648	M 0.253
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.450%	70.914%	99.440
%RSD		0.951	0.938	1.595
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 942.600	M 951.500	96.710
%RSD		M 0.223	M 0.315	6.378
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1099.000	T 10240.000	M 921.200
%RSD		TM 0.484	T 0.932	M 0.705
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 914.700	M 926.600	M 965.400
%RSD		M 0.560	M 0.736	M 0.655
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		70.816%	M 970.800	-4.883
%RSD		1.272	M 0.485	24.360
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 991.100	TM 1979.000	97.990
%RSD		M 0.229	TM 0.553	0.805
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.660	503.800
%RSD		0.000	0.054	17.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 989.800	79.694%	100.700
%RSD		M 0.160	0.744	0.398
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.800	M 1000.000	0.000
%RSD		0.407	M 0.101	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.688%	102.200	TM 245.800
%RSD		1.069	0.572	TM 0.154
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1055.000	90.217%	
%RSD		TM 0.412	0.792	

240-17795 -f-1-a, 11/29/2012 16:45:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.531%	0.293	4.150
%RSD		0.439	13.060	2.672
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9055.000	3775.000	19.820
%RSD		0.297	1.016	4.219
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	1050.000	5773.000
%RSD		0.000	5.650	0.627
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.334%	68.459%	0.114
%RSD		0.557	0.643	102.700
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.012	0.378	-20.370
%RSD		1448.000	19.980	6.641
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		19.670	291.800	3.006
%RSD		0.331	1.053	1.277
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		7.528	41.690	29.660
%RSD		0.885	1.482	1.797
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.373%	0.222	0.368
%RSD		0.337	45.800	5.607
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.720	45.780	-0.228
%RSD		19.430	0.703	9.526
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.047	-2.462
%RSD		0.000	8.796	166.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.691	80.101%	0.262
%RSD		7.683	0.698	14.170
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.496	51.630	0.000
%RSD		10.140	0.358	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.648%	0.959	0.629
%RSD		0.607	8.450	6.377
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		17.180	98.636%	
%RSD		0.325	0.347	

CCV 5 11/29/2012 16:50:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.787%	105.123%	101.124%
%RSD		0.613	0.248	0.909
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.888%	106.029%	101.233%
%RSD		1.416	0.595	1.846
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	106.828%	104.882%
%RSD		0.000	6.053	6.205
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.038%	73.499%	98.187%
%RSD		6.542	1.670	3.305
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.358%	97.716%	-29.750
%RSD		0.689	1.344	3.645
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		106.013%	102.750%	96.988%
%RSD		6.514	0.123	0.447
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		97.709%	98.747%	102.021%
%RSD		0.616	1.016	1.558
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.353%	97.661%	-0.589
%RSD		1.738	0.726	18.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.819%	100.460%	104.317%
%RSD		1.307	0.191	0.977
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.528%	55.170
%RSD		0.000	0.139	2.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.915%	80.902%	103.904%
%RSD		0.742	0.695	0.897
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.589%	99.844%	0.000
%RSD		1.000	0.783	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.472%	105.007%	90.981%
%RSD		0.907	0.836	0.799
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.178%	91.973%	
%RSD		0.043	1.136	

CCB 5 11/29/2012 16:57:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.070%	0.063	0.190
%RSD		0.140	9.314	24.930
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-4.911	14.530	0.987
%RSD		4.133	11.130	15.760
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	21.370	36.470
%RSD		±0.000	15.890	25.930
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±80.232%	69.429%	-0.003
%RSD		±6.579	0.385	1131.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.543	-0.284	-39.110
%RSD		37.250	10.200	2.974
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.187	9.891	0.051
%RSD		13.460	7.187	14.430
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.042	0.066	0.464
%RSD		105.500	55.050	13.580
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.858%	-0.366	-0.115
%RSD		0.723	21.850	32.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.103	0.162	-0.195
%RSD		75.620	3.865	38.410
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.030	-0.218
%RSD		0.000	10.190	307.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.045	80.530%	0.163
%RSD		15.050	0.479	25.150
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.212	0.063	0.000
%RSD		4.537	33.210	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.337%	0.730	0.405
%RSD		0.867	12.090	3.245
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.041	100.452%	
%RSD		5.950	0.468	

240-17795 -f-2-a, 11/29/2012 17:03:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.619%	0.087	10.640
%RSD		0.375	7.277	1.015
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		38370.000	5233.000	23.730
%RSD		0.293	1.606	2.552
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1259.000	4526.000
%RSD		0.000	0.479	2.293
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.751%	69.326%	0.016
%RSD		0.756	0.600	704.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.531	0.520	-28.020
%RSD		27.150	4.163	7.513
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		190.200	243.000	1.354
%RSD		0.174	0.506	3.342
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.845	114.800	41.380
%RSD		1.582	0.369	1.398
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.135%	-0.201	0.311
%RSD		1.025	17.670	15.510
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.485	52.270	-0.623
%RSD		13.990	1.048	6.025
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	2.046
%RSD		0.000	82.790	84.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.349	79.276%	0.109
%RSD		7.529	0.213	11.020
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.128	67.960	0.000
%RSD		18.220	1.216	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.446%	0.309	0.236
%RSD		0.259	0.776	2.506
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.563	95.046%	
%RSD		2.423	0.564	

240-17795 -f-3-a, 11/29/2012 17:08:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.557%	0.144	3.571
%RSD		0.643	2.475	2.752
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8924.000	3733.000	16.000
%RSD		0.907	0.406	7.667
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	1052.000	5751.000
%RSD		0.000	5.651	0.584
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.932%	69.163%	0.074
%RSD		0.230	0.742	155.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.545	0.012	-17.070
%RSD		86.970	171.600	16.250
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		14.250	135.900	2.603
%RSD		0.480	2.447	3.172
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		7.229	42.680	31.380
%RSD		1.202	0.344	2.601
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.444%	-0.076	0.353
%RSD		0.501	167.400	3.524
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.057	44.970	-0.748
%RSD		163.800	0.352	4.601
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	2.031
%RSD		0.000	125.000	91.910
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.279	79.717%	0.500
%RSD		12.220	0.723	6.682
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.086	52.430	0.000
%RSD		5.384	2.480	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.632%	0.204	0.185
%RSD		0.713	4.437	3.752
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		19.850	98.872%	
%RSD		0.727	0.568	

240-17795 -f-4-a, 11/29/2012 17:14:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.294%	0.013	M223.400
%RSD		1.044	38.770	M1.009
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±45720.000	30.060	2.672
%RSD		±1.167	6.795	26.240
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	101.200	344.300
%RSD		±0.000	10.350	7.908
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±84.306%	70.785%	0.086
%RSD		±6.368	0.599	99.680
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.327	-0.145	-0.605
%RSD		106.300	9.013	219.900
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.184	6.107	0.061
%RSD		19.220	3.523	17.890
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.291	3.442	10.170
%RSD		3.791	3.421	1.857
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.748%	-0.091	0.320
%RSD		0.435	21.330	12.620
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.097	0.542	-0.775
%RSD		64.260	2.701	1.721
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.806
%RSD		0.000	134.900	332.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.218	80.173%	7.456
%RSD		15.840	0.788	1.892
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.071	0.806	0.000
%RSD		13.780	9.786	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.485%	0.677	0.125
%RSD		1.118	1.345	6.094
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.042	96.648%	
%RSD		8.568	0.367	

240-17822 -d-2-a, 11/29/2012 17:19:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.503%	0.015	51.040
%RSD		0.734	13.390	0.298
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		28580.000	70650.000	30.270
%RSD		0.463	0.115	3.567
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3980.000	166400.000
%RSD		0.000	0.483	0.330
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.478%	70.357%	0.330
%RSD		0.205	0.944	108.600
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.541	0.489	-31.540
%RSD		65.380	4.609	5.077
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		18.480	31.520	0.139
%RSD		0.514	2.573	13.440
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.939	0.728	2.351
%RSD		3.688	8.547	9.372
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		70.801%	1.156	0.422
%RSD		0.978	11.070	6.513
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.279	908.500	-0.527
%RSD		13.760	0.395	5.490
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.802
%RSD		0.000	71.300	160.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.015	78.284%	0.055
%RSD		40.540	0.360	8.560
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.105	33.980	0.000
%RSD		20.480	0.838	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.372%	0.119	0.108
%RSD		0.611	6.283	5.921
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.025	89.710%	
%RSD		19.460	0.496	

240-17822 -d-3-a, 11/29/2012 17:25:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.672%	0.014	51.320
%RSD		0.937	29.340	0.397
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±28400.000	70820.000	27.260
%RSD		±1.059	0.732	2.257
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4047.000	M 166500.000
%RSD		±0.000	±0.507	M 0.562
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.370%	70.410%	0.255
%RSD		0.451	0.583	32.530
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.428	0.567	-29.900
%RSD		19.010	5.991	0.811
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		17.820	33.700	0.117
%RSD		0.763	2.640	6.149
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.901	0.656	2.315
%RSD		7.421	4.166	4.945
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		70.984%	1.391	0.425
%RSD		1.091	11.620	12.580
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.186	M 911.400	-0.560
%RSD		43.690	M 1.074	6.722
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.127
%RSD		0.000	52.940	648.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.013	77.981%	0.041
%RSD		41.870	0.291	24.550
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.116	33.350	0.000
%RSD		9.171	0.827	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.980%	0.099	0.095
%RSD		0.809	9.163	3.702
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.020	89.127%	
%RSD		18.730	0.356	

240-17822 -d-4-a, 11/29/2012 17:30:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.625%	0.009	51.060
%RSD		0.229	68.210	0.394
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		†28830.000	71760.000	33.320
%RSD		†0.531	0.918	6.743
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		†0.000	†4073.000	M 166200.000
%RSD		†0.000	†0.880	M 1.015
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.864%	69.150%	0.340
%RSD		0.819	0.175	111.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.318	1.062	-28.900
%RSD		118.400	4.058	3.644
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		19.040	48.420	0.105
%RSD		0.339	2.123	5.829
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.012	0.753	5.756
%RSD		9.729	10.120	3.739
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.529%	1.447	0.499
%RSD		1.014	3.826	8.579
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.283	M 921.000	-0.477
%RSD		5.334	M 0.357	9.029
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.396
%RSD		0.000	133.200	39.180
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.006	77.204%	0.047
%RSD		123.100	0.449	46.710
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.105	33.300	0.000
%RSD		1.343	1.019	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.868%	0.084	0.077
%RSD		0.491	9.625	1.227
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.044	89.469%	
%RSD		13.000	0.439	

240-17822 -d-5-a, 11/29/2012 17:36:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.742%	0.014	56.110
%RSD		0.461	86.570	1.950
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		27690.000	67690.000	31.610
%RSD		0.891	1.157	1.965
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4245.000	165200.000
%RSD		0.000	0.576	0.521
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.242%	68.059%	0.175
%RSD		0.790	0.594	49.290
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-1.135	49.870	-23.840
%RSD		69.870	0.690	10.460
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		16.790	34.760	0.121
%RSD		0.267	1.860	1.557
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.900	0.768	2.269
%RSD		7.218	12.180	0.432
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.940%	1.522	0.472
%RSD		0.495	3.226	14.170
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.414	884.900	1.042
%RSD		22.610	0.393	5.463
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.942
%RSD		0.000	129.600	124.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.006	76.463%	0.023
%RSD		157.600	0.369	48.360
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.111	32.400	0.000
%RSD		14.500	0.290	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.516%	0.076	0.066
%RSD		0.337	10.900	6.475
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.033	89.487%	
%RSD		15.230	0.423	

240-17822 -d-6-a, 11/29/2012 17:41:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.964%	0.007	94.620
%RSD		0.319	98.300	0.964
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		19720.000	35290.000	33.380
%RSD		0.659	1.392	3.378
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	5527.000	150200.000
%RSD		0.000	0.785	0.343
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.318%	63.726%	0.057
%RSD		0.521	0.556	163.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-11.490	422.100	24.630
%RSD		5.286	0.606	9.252
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		7.736	-35.350	0.099
%RSD		0.724	0.636	2.332
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.585	0.983	2.458
%RSD		2.874	6.284	8.542
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.542%	1.209	0.385
%RSD		0.875	4.514	10.710
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.276	614.300	12.560
%RSD		3.420	0.387	1.829
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	4.143
%RSD		0.000	270.000	40.490
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.006	74.033%	0.070
%RSD		354.000	0.322	11.580
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.246	26.220	0.000
%RSD		5.681	1.088	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.992%	0.117	0.056
%RSD		0.541	3.154	2.794
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	89.070%	
%RSD		35.870	0.191	

240-17822 -d-7-a, 11/29/2012 17:47:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.154%	0.007	52.620
%RSD		0.358	57.660	0.988
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±29200.000	71720.000	29.400
%RSD		±0.121	0.294	9.455
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4052.000	M 166700.000
%RSD		±0.000	±0.371	M 0.331
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.036%	65.435%	0.071
%RSD		0.356	0.306	246.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.378	2.261	-28.160
%RSD		37.680	0.677	2.082
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		20.310	39.850	0.129
%RSD		0.476	2.107	2.286
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.947	0.775	2.458
%RSD		8.934	9.730	6.914
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.656%	1.561	0.527
%RSD		1.195	14.460	19.280
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.309	M 920.700	-0.409
%RSD		30.550	M 0.436	16.470
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.608
%RSD		0.000	787.100	48.570
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.016	74.691%	0.076
%RSD		59.760	0.385	3.783
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.125	33.280	0.000
%RSD		27.350	0.716	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.822%	0.059	0.051
%RSD		0.435	14.030	11.130
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.029	87.663%	
%RSD		7.220	0.608	

240-17822 -d-8-a, 11/29/2012 17:52:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.581%	0.003	10.210
%RSD		0.471	101.300	0.326
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		18540.000	703.400	43.680
%RSD		0.574	3.503	6.221
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4587.000	264300.000
%RSD		0.000	0.693	0.247
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.797%	56.672%	0.067
%RSD		0.433	0.692	180.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-12.090	412.700	16.860
%RSD		8.319	0.248	18.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		15.390	-73.620	0.256
%RSD		0.388	0.092	9.874
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.817	1.197	1.005
%RSD		11.350	4.519	9.945
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.158%	1.174	0.418
%RSD		0.182	10.660	12.070
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.165	986.300	2.125
%RSD		9.138	0.557	4.177
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.001	0.846
%RSD		0.000	79.660	91.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.008	68.618%	0.073
%RSD		49.980	0.571	6.913
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.061	26.370	0.000
%RSD		25.780	0.545	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.985%	0.089	0.043
%RSD		0.514	18.200	21.530
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.002	84.876%	
%RSD		233.900	0.603	

CCV 6 11/29/2012 17:58:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.171%	109.804%	103.738%
%RSD		0.801	0.287	0.519
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		100.994%	107.677%	103.703%
%RSD		0.613	0.063	0.639
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	108.313%	108.091%
%RSD		0.000	1.007	0.509
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.861%	64.221%	99.079%
%RSD		1.304	0.868	4.661
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.680%	97.320%	-25.540
%RSD		0.174	0.767	2.361
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		108.143%	101.442%	94.956%
%RSD		0.466	0.815	0.243
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		94.848%	94.796%	101.130%
%RSD		0.522	1.039	1.310
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.683%	95.544%	-0.622
%RSD		1.330	0.332	20.350
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.351%	100.123%	101.584%
%RSD		0.792	0.363	0.980
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.260%	63.630
%RSD		0.000	0.336	10.480
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		103.555%	73.848%	104.735%
%RSD		0.519	0.857	0.923
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		105.443%	99.644%	0.000
%RSD		0.338	0.728	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.023%	104.219%	90.294%
%RSD		1.252	1.041	0.834
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.040%	87.295%	
%RSD		1.038	0.313	

CCB 6 11/29/2012 18:04:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		71.844%	0.062	0.233
%RSD		0.985	16.140	23.990
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-3.505	14.980	0.971
%RSD		32.340	21.300	58.760
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	28.060	35.690
%RSD		±0.000	3.894	14.610
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.031%	60.167%	0.006
%RSD		0.878	0.711	2564.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.473	-0.237	-36.330
%RSD		20.310	6.127	1.693
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.238	10.590	0.045
%RSD		8.384	12.520	9.333
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.055	0.065	0.583
%RSD		26.740	35.370	42.030
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.228%	-0.307	-0.072
%RSD		1.210	28.440	38.190
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.049	0.189	-0.200
%RSD		99.840	2.680	38.380
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.040	1.161
%RSD		0.000	10.030	31.090
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.043	73.035%	0.167
%RSD		40.160	0.455	12.590
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.138	0.093	0.000
%RSD		4.153	16.350	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.016%	0.687	0.283
%RSD		0.367	10.510	11.430
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.049	95.062%	
%RSD		4.321	0.292	

240-17822 -d-9-a, 11/29/2012 18:10:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.660%	0.019	52.590
%RSD		0.502	18.700	0.920
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		27920.000	70020.000	28.070
%RSD		0.471	0.472	3.829
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	3635.000	151000.000
%RSD		0.000	5.812	6.187
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.828%	64.378%	0.155
%RSD		6.394	0.953	202.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.145	0.194	-32.860
%RSD		243.200	13.220	2.184
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		15.580	27.030	0.123
%RSD		5.843	7.656	7.763
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.849	0.675	2.847
%RSD		10.680	11.040	15.540
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.467%	1.049	0.419
%RSD		1.119	16.330	31.960
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.215	908.100	-0.391
%RSD		19.230	0.882	15.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.011	-0.011
%RSD		0.000	77.360	5854.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.014	73.405%	0.145
%RSD		81.310	0.931	10.580
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.132	32.330	0.000
%RSD		15.440	0.257	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.035%	0.217	0.142
%RSD		1.461	4.435	2.326
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.033	87.218%	
%RSD		21.060	0.673	

240-17879 -c-1-a, 11/29/2012 18:15:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.588%	0.018	58.500
%RSD		0.556	22.290	2.099
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±27000.000	66690.000	78.190
%RSD		±0.982	0.710	2.818
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4140.000	±154700.000
%RSD		±0.000	±0.530	±0.370
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.039%	63.235%	0.618
%RSD		0.275	0.671	11.790
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.383	7.936	-29.470
%RSD		58.200	1.190	3.180
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		23.180	86.720	0.142
%RSD		0.440	2.405	8.104
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.869	0.717	3.322
%RSD		9.313	5.222	8.033
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.850%	1.392	0.560
%RSD		0.831	7.919	14.080
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.505	±858.000	-0.200
%RSD		22.010	±0.423	15.220
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.007	-0.618
%RSD		0.000	74.130	97.620
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.023	72.947%	0.087
%RSD		26.400	1.353	0.883
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.113	31.850	0.000
%RSD		1.260	0.658	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.247%	0.132	0.102
%RSD		0.197	5.785	3.147
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.079	87.378%	
%RSD		2.509	0.616	

mb 240-66371/1-a, 11/29/2012 18:21:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.522%	0.009	0.149
%RSD		0.327	73.090	3.480
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		25.660	55.680	1.791
%RSD		4.087	8.358	9.114
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	17.480	211.100
%RSD		±0.000	2.992	6.072
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.068%	57.703%	-0.051
%RSD		0.528	0.543	77.750
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.122	-0.008	-28.600
%RSD		180.000	534.300	0.281
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.265	7.015	0.004
%RSD		3.326	1.274	105.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.009	0.711	7.019
%RSD		60.210	4.687	4.764
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.474%	0.064	0.389
%RSD		0.687	110.500	16.980
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.001	0.422	-0.845
%RSD		5214.000	2.636	2.889
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.078
%RSD		0.000	474.600	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.004	70.991%	0.070
%RSD		253.900	0.773	6.911
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.025	0.660	0.000
%RSD		52.600	9.574	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.309%	0.079	0.061
%RSD		0.319	9.514	14.580
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.040	93.383%	
%RSD		7.082	0.186	

Ics 240-66371/3-a, 11/29/2012 18:26:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.606%	M1050.000	97.840
%RSD		0.533	M0.454	0.540
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8567.000	10370.000	M9399.000
%RSD		0.356	0.353	M0.270
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T10090.000	9951.000
%RSD		T0.000	T0.754	0.475
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.027%	56.697%	93.320
%RSD		0.133	0.814	1.768
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M875.500	M900.800	87.630
%RSD		M0.537	M0.334	8.910
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1017.000	T9243.000	M868.100
%RSD		TM0.293	T0.693	M0.711
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M869.300	M889.600	M967.300
%RSD		M0.797	M0.679	M0.301
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.238%	M869.900	-4.803
%RSD		0.608	M0.700	15.130
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M924.100	M879.800	89.990
%RSD		M0.888	M0.261	1.261
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	96.430	498.700
%RSD		0.000	0.103	8.691
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M971.300	69.405%	97.190
%RSD		M0.933	0.618	1.048
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		98.240	M910.500	0.000
%RSD		0.868	M0.712	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.368%	90.960	TM220.200
%RSD		1.098	0.602	TM0.198
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM979.400	90.234%	
%RSD		TM0.038	0.536	

240-17723 -a-4-a, 11/29/2012 18:34:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.654%	0.331	45.290
%RSD		0.673	10.220	0.594
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>TM</u> 164700.000	73040.000	<u>M</u> 5171.000
%RSD		<u>TM</u> 0.786	1.199	<u>M</u> 0.971
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 4595.000	<u>M</u> 224600.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.372	<u>M</u> 0.294
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.754%	60.257%	176.500
%RSD		0.997	0.839	1.564
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		10.770	6.940	-42.190
%RSD		2.055	2.284	0.804
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> 380.300	<u>T</u> 14650.000	2.906
%RSD		<u>T</u> 0.440	<u>T</u> 0.958	2.749
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		7.515	13.370	<u>TM</u> 269000.000
%RSD		2.001	3.932	<u>TM</u> 0.656
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.397%	4.830	0.195
%RSD		1.673	0.362	51.410
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.477	<u>M</u> 283.200	0.232
%RSD		13.910	<u>M</u> 0.519	54.370
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.032	12.100
%RSD		0.000	6.058	355.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		12.180	71.194%	2.886
%RSD		4.909	1.228	3.584
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.897	<u>M</u> 530.900	0.000
%RSD		2.674	<u>M</u> 0.335	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.347%	0.846	0.495
%RSD		1.146	12.680	8.578
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		165.700	83.801%	
%RSD		0.302	0.863	

SD 240-17723 -a-4-a@5, 11/29/2012 18:39:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.613%	0.081	9.547
%RSD		0.400	12.570	1.516
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34980.000	15710.000	1089.000
%RSD		0.993	1.175	0.967
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	874.000	46510.000
%RSD		0.000	0.357	0.255
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.557%	59.893%	37.100
%RSD		0.216	1.172	5.007
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.624	1.204	-36.260
%RSD		9.391	3.963	2.489
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		72.250	2752.000	0.612
%RSD		0.231	0.493	2.676
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.624	2.957	58930.000
%RSD		5.810	5.059	0.680
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.933%	0.733	-0.089
%RSD		0.878	5.820	31.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.128	55.850	-0.613
%RSD		50.230	0.664	3.784
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.011	0.515
%RSD		0.000	44.760	801.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.681	72.056%	0.595
%RSD		2.267	0.127	6.209
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.464	107.700	0.000
%RSD		10.990	1.267	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.506%	0.293	0.219
%RSD		0.400	1.565	2.256
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		33.230	90.837%	
%RSD		0.435	0.347	

240-17723 -a-4-d ms, 11/29/2012 18:45:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.237%	M 955.000	137.000
%RSD		0.446	M 0.132	0.727
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 176600.000	83780.000	M 13210.000
%RSD		TM 1.244	0.772	M 0.698
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 13930.000	M 237700.000
%RSD		T 0.000	T 0.933	M 0.240
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.701%	59.609%	M 218.500
%RSD		0.308	0.623	M 2.095
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 864.100	M 860.100	79.040
%RSD		M 0.888	M 0.689	4.699
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1325.000	T 23060.000	M 819.500
%RSD		TM 0.534	T 1.305	M 0.536
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 800.500	M 804.600	TM 270000.000
%RSD		M 0.456	M 0.503	TM 0.493
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.141%	M 852.300	-4.584
%RSD		0.615	M 0.850	3.522
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 831.800	M 1158.000	90.740
%RSD		M 0.803	M 0.243	1.558
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	85.480	567.900
%RSD		0.000	0.989	7.362
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 895.300	71.007%	94.910
%RSD		M 0.414	1.367	0.198
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		92.550	M 1412.000	0.000
%RSD		0.533	M 1.004	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.958%	90.090	TM 222.300
%RSD		0.276	1.122	TM 0.194
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1143.000	83.695%	
%RSD		TM 0.067	1.067	

240-17723 -a-4-e msd, 11/29/2012 18:52:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.565%	M 942.700	133.800
%RSD		0.486	M 0.812	1.068
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 170900.000	80220.000	M 12170.000
%RSD		TM 0.240	0.496	M 0.207
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 13050.000	M 231300.000
%RSD		T 0.000	T 0.530	M 0.402
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.474%	58.416%	195.500
%RSD		0.777	1.185	1.488
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 849.000	M 844.500	74.030
%RSD		M 0.291	M 0.247	7.603
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1304.000	T 22190.000	M 807.200
%RSD		TM 0.048	T 0.518	M 1.159
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 784.800	M 788.800	TM 264500.000
%RSD		M 0.793	M 0.204	TM 0.527
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.861%	M 840.800	-4.031
%RSD		1.677	M 0.882	5.980
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 823.100	M 1133.000	88.750
%RSD		M 1.178	M 1.085	0.685
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	82.830	545.000
%RSD		0.000	0.657	28.750
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 869.300	70.821%	91.880
%RSD		M 0.306	1.049	0.606
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		91.030	M 1376.000	0.000
%RSD		0.281	M 0.480	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.979%	89.150	TM 220.900
%RSD		1.151	0.551	TM 0.439
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1129.000	82.927%	
%RSD		TM 0.659	0.607	

240-17677 -b-6-a, 11/29/2012 18:59:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.046%	0.246	76.270
%RSD		0.736	10.880	0.758
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13650.000	56030.000	12.640
%RSD		0.504	0.656	9.356
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±2269.000	M 101300.000
%RSD		±0.000	±0.688	M 0.662
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.222%	58.883%	0.744
%RSD		0.680	0.789	37.240
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.340	0.190	-38.680
%RSD		74.160	20.750	2.380
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		33.990	2079.000	27.520
%RSD		0.521	0.548	0.964
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.285	0.853	39.950
%RSD		4.709	10.350	21.890
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.610%	12.580	0.435
%RSD		1.120	1.512	21.070
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.439	TM 6306.000	43.900
%RSD		7.014	TM 0.626	0.826
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.018	6.508
%RSD		0.000	19.700	33.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.097	71.146%	0.335
%RSD		21.710	0.550	12.420
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.461	54.240	0.000
%RSD		12.830	0.319	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.231%	1.976	0.573
%RSD		0.948	3.315	7.921
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.187	88.179%	
%RSD		13.360	0.519	

240-17677 -b-7-a, 11/29/2012 19:04:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.233%	0.097	0.620
%RSD		0.929	16.760	2.246
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		51.050	17.120	2.408
%RSD		19.860	54.160	25.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-2.799	58.270
%RSD		±0.000	5.328	7.630
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.195%	56.074%	-0.001
%RSD		0.411	0.449	20510.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.511	-0.062	-31.840
%RSD		53.550	104.300	0.799
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.299	5.062	0.055
%RSD		3.608	21.320	113.900
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.065	0.258	15.800
%RSD		83.800	31.860	101.200
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.364%	-0.125	0.287
%RSD		0.338	55.540	3.215
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.165	0.747	-0.275
%RSD		69.310	69.500	11.090
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	-0.644
%RSD		0.000	204.400	59.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.037	68.680%	0.173
%RSD		97.680	1.013	24.850
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.251	0.121	0.000
%RSD		3.259	66.600	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.883%	0.373	0.294
%RSD		0.291	7.666	2.413
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.043	92.576%	
%RSD		136.300	0.515	

CCV 7 11/29/2012 19:10:27 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.098%	113.121%	107.238%
%RSD		0.550	0.440	1.286
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.953%	108.750%	104.662%
%RSD		0.991	0.485	0.704
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	108.128%	107.557%
%RSD		0.000	0.007	0.419
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.658%	60.425%	102.269%
%RSD		0.937	1.781	2.645
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.715%	98.131%	-29.850
%RSD		1.073	0.448	8.956
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		108.123%	103.290%	96.889%
%RSD		0.370	0.600	0.141
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		96.170%	95.985%	104.516%
%RSD		1.161	0.813	1.143
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.952%	96.414%	-0.730
%RSD		1.185	0.562	26.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.544%	101.316%	103.428%
%RSD		0.899	0.463	0.850
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.836%	81.950
%RSD		0.000	0.738	45.830
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		104.644%	70.704%	105.064%
%RSD		0.556	0.827	1.294
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.555%	99.571%	0.000
%RSD		0.734	0.074	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.108%	105.066%	91.312%
%RSD		1.301	1.071	1.024
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.768%	84.871%	
%RSD		0.751	0.317	

CCB 7 11/29/2012 19:17:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.153%	0.080	0.194
%RSD		0.368	9.701	7.368
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-0.478	20.350	1.147
%RSD		172.700	22.810	67.970
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	28.920	43.050
%RSD		±0.000	0.922	5.341
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.642%	55.967%	0.116
%RSD		0.452	1.085	35.740
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.622	-0.244	-39.740
%RSD		34.800	5.855	0.662
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.254	11.480	0.058
%RSD		3.404	8.573	17.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.016	0.064	1.387
%RSD		321.700	63.420	6.235
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.688%	-0.433	-0.127
%RSD		0.312	13.480	15.850
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.086	0.193	-0.166
%RSD		77.240	11.780	80.120
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.048	0.654
%RSD		0.000	12.390	160.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.058	68.972%	0.190
%RSD		24.910	0.301	5.266
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.232	0.074	0.000
%RSD		13.070	40.530	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.420%	0.739	0.397
%RSD		0.347	9.587	5.270
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.055	91.402%	
%RSD		5.097	0.545	

240-17729 -a-1-a, 11/29/2012 19:22:56 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		71.633%	0.043	M 1130.000
%RSD		0.628	17.000	M 0.465
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 120800.000	73760.000	69.690
%RSD		M 0.308	0.273	5.057
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 25380.000	M 102600.000
%RSD		T 0.000	T 0.661	M 1.042
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.503%	63.719%	1.620
%RSD		0.885	1.456	36.340
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-4.271	169.700	-13.040
%RSD		20.410	0.582	22.990
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		32.030	75.270	0.145
%RSD		0.777	3.751	10.700
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.109	0.800	8.242
%RSD		7.258	0.590	22.870
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.951%	1.405	0.448
%RSD		1.665	5.150	10.320
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.551	M 898.400	142.200
%RSD		2.119	M 0.307	0.758
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.017	20.200
%RSD		0.000	33.260	27.920
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.067	72.714%	0.273
%RSD		38.170	0.323	5.889
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.807	19.810	0.000
%RSD		4.125	0.307	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.507%	0.587	0.254
%RSD		1.205	1.957	2.312
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.344	84.813%	
%RSD		2.562	0.600	

240-17729 -b-2-a, 11/29/2012 19:28:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.245%	0.049	M 1080.000
%RSD		0.375	29.310	M 0.640
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 115600.000	70490.000	11.830
%RSD		M 0.699	1.092	12.720
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	I 22960.000	91140.000
%RSD		I 0.000	I 5.862	6.414
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		I 84.527%	65.839%	0.089
%RSD		I 6.038	0.602	134.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-4.301	163.000	-12.950
%RSD		17.210	0.335	19.990
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		16.560	-18.550	0.114
%RSD		5.994	4.329	10.770
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.063	0.666	5.684
%RSD		15.200	10.800	21.850
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.545%	1.252	0.355
%RSD		0.978	9.002	19.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.737	M 854.000	139.700
%RSD		3.191	M 0.589	1.213
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	22.090
%RSD		0.000	40.030	2.183
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.047	74.585%	0.095
%RSD		56.630	0.272	16.170
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.615	18.860	0.000
%RSD		0.478	2.452	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.520%	0.439	0.190
%RSD		0.493	4.955	6.149
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.068	86.716%	
%RSD		0.746	0.522	

240-17729 -a-3-a, 11/29/2012 19:33:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.411%	0.016	M 4472.000
%RSD		0.266	24.360	M 0.519
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 102600.000	33880.000	45.310
%RSD		M 0.323	0.737	2.716
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	I 22440.000	31430.000
%RSD		I 0.000	I 0.336	0.531
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.252%	63.071%	0.723
%RSD		0.444	0.160	39.280
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-5.091	159.900	-8.985
%RSD		11.000	0.592	25.990
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		I 991.300	328.000	2.500
%RSD		I 0.207	0.562	0.880
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.361	1.452	5.705
%RSD		4.851	8.666	6.060
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.289%	0.608	0.331
%RSD		0.384	20.610	23.560
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.483	M 266.000	M 213.500
%RSD		2.963	M 0.475	M 1.602
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	26.850
%RSD		0.000	0.937	15.650
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.199	73.272%	0.126
%RSD		18.610	0.718	13.180
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.010	44.520	0.000
%RSD		2.672	0.990	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.077%	0.400	0.157
%RSD		0.444	1.675	7.914
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.088	87.162%	
%RSD		8.433	0.474	

240-17729 -b-4-a, 11/29/2012 19:39:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.257%	0.011	M 4491.000
%RSD		0.413	60.070	M 0.752
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 61660.000	32000.000	21.700
%RSD		T 0.573	0.804	5.224
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 19780.000	19540.000
%RSD		T 0.000	T 5.977	6.085
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 85.070%	63.986%	0.280
%RSD		T 6.538	0.396	37.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-5.629	195.500	-4.670
%RSD		7.984	0.866	31.090
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		66.710	20.340	0.242
%RSD		7.253	1.796	18.700
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.631	0.812	2.761
%RSD		20.600	9.496	11.120
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.803%	0.515	0.297
%RSD		0.136	13.070	15.990
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		10.050	186.100	M 237.100
%RSD		6.667	0.349	M 0.949
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	34.520
%RSD		0.000	242.100	27.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.023	74.548%	0.094
%RSD		115.500	0.357	13.840
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.105	47.670	0.000
%RSD		5.439	1.285	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.408%	0.412	0.125
%RSD		0.715	3.105	5.641
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.029	90.162%	
%RSD		9.667	0.233	

240-17729 -a-5-a, 11/29/2012 19:44:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.527%	0.017	M 292.900
%RSD		0.314	30.440	M 0.963
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 464300.000	6.496	M 1430.000
%RSD		M 0.230	24.810	M 0.796
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	M 104900.000	32950.000
%RSD		± 0.000	M 0.179	0.415
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.526%	62.123%	0.275
%RSD		1.045	1.077	153.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		64.810	144.900	-8.827
%RSD		1.072	0.586	30.160
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.119	-8.620	0.240
%RSD		2.932	2.442	7.277
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		23.840	3.515	3.311
%RSD		1.925	5.794	5.654
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.181%	54.590	0.292
%RSD		0.885	0.302	37.190
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.764	M 1130.000	M 351.700
%RSD		6.558	M 0.333	M 0.542
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	38.920
%RSD		0.000	288.600	25.540
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.068	70.182%	0.153
%RSD		17.600	0.679	2.891
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.399	23.370	0.000
%RSD		0.534	1.158	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.620%	1.561	0.160
%RSD		0.588	3.160	4.760
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		34.970	77.620%	
%RSD		0.487	0.194	

240-17729 -b-6-a, 11/29/2012 19:50:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.593%	0.005	M 260.200
%RSD		0.777	49.270	M 1.581
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 443300.000	3.985	M 1364.000
%RSD		M 0.175	34.540	M 0.554
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	M 100900.000	30870.000
%RSD		± 0.000	M 0.944	0.650
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.877%	62.883%	0.207
%RSD		0.367	0.237	63.030
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		61.900	134.500	-14.300
%RSD		0.507	0.386	5.477
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.103	-7.016	0.228
%RSD		14.720	4.992	5.831
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		22.630	3.419	1.214
%RSD		2.279	7.211	5.068
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.470%	52.680	0.243
%RSD		0.848	0.460	16.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.425	M 1051.000	M 334.900
%RSD		4.266	M 0.342	M 0.346
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	37.680
%RSD		0.000	346.000	19.180
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.067	71.492%	0.100
%RSD		41.280	1.144	13.290
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.283	22.230	0.000
%RSD		0.556	1.037	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.134%	1.443	0.136
%RSD		0.558	1.290	2.216
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		32.160	78.737%	
%RSD		1.045	0.227	

240-17729 -a-7-a, 11/29/2012 19:56:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.593%	0.001	M209.400
%RSD		1.584	578.500	M2.390
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M184300.000	261.000	M1215.000
%RSD		M0.654	2.179	M0.387
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I0.000	I80550.000	51200.000
%RSD		I0.000	I0.388	0.227
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		I90.802%	65.019%	1.160
%RSD		I0.378	1.387	19.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		80.060	M236.600	1.336
%RSD		0.404	M0.926	36.320
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.851	3.631	0.189
%RSD		2.071	12.850	10.670
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		9.484	2.328	1.383
%RSD		1.234	0.672	19.060
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.314%	6.630	0.308
%RSD		1.213	1.435	11.350
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.268	M1599.000	M239.100
%RSD		6.211	M0.994	M0.236
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	31.680
%RSD		0.000	35.350	26.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.041	75.308%	0.283
%RSD		93.800	0.394	10.320
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.797	44.520	0.000
%RSD		1.441	0.654	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.470%	1.457	0.133
%RSD		1.023	0.600	6.745
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.821	85.052%	
%RSD		2.179	0.515	

240-17729 -b-8-a, 11/29/2012 20:01:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.433%	0.003	M203.100
%RSD		1.813	212.100	M1.295
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 184900.000	9.883	M1128.000
%RSD		TM 0.979	37.090	M0.202
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±81750.000	53710.000
%RSD		±0.000	±0.521	0.244
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±91.857%	65.757%	0.168
%RSD		±0.375	0.662	147.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		79.980	M245.500	6.346
%RSD		0.740	M0.470	36.140
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.054	-18.250	0.177
%RSD		18.580	0.441	4.368
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		8.689	1.998	0.938
%RSD		4.173	6.268	16.530
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.279%	6.040	0.314
%RSD		0.130	2.025	20.470
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.989	TM 1668.000	M235.600
%RSD		2.906	TM 0.875	M1.270
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	31.050
%RSD		0.000	310.500	25.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.056	75.485%	0.048
%RSD		64.530	0.286	2.598
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.672	45.960	0.000
%RSD		7.043	1.477	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.754%	1.494	0.123
%RSD		0.153	1.004	4.297
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.153	84.655%	
%RSD		4.125	0.452	

240-17806 -i-3-a, 11/29/2012 20:07:08 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.447%	0.886	126.200
%RSD		0.342	3.448	0.417
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>25220.000</u>	<u>M146600.000</u>	<u>M22390.000</u>
%RSD		<u>1.549</u>	<u>M0.371</u>	<u>M0.618</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>18397.000</u>	<u>TM310500.000</u>
%RSD		<u>0.000</u>	<u>0.286</u>	<u>TM1.008</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>90.717%</u>	65.766%	<u>M230.700</u>
%RSD		<u>0.602</u>	0.875	<u>M7.869</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		33.980	22.960	-29.260
%RSD		0.743	0.315	1.926
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM1778.000</u>	<u>123270.000</u>	9.323
%RSD		<u>TM0.572</u>	<u>0.681</u>	1.471
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		17.860	12.870	52.940
%RSD		1.407	0.340	1.003
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.327%	6.431	0.517
%RSD		1.137	2.099	14.370
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.684	<u>TM1259.000</u>	3.478
%RSD		3.340	<u>TM0.244</u>	11.890
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.031	-3.607
%RSD		0.000	19.630	76.840
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.064	75.272%	1.130
%RSD		20.480	0.702	1.233
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.197	92.920	0.000
%RSD		14.620	1.982	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.876%	0.348	0.291
%RSD		0.864	2.858	2.586
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		9.750	84.695%	
%RSD		1.432	0.268	

240-17806 -i-4-a, 11/29/2012 20:12:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.797%	0.019	M 1116.000
%RSD		0.205	12.190	M 0.220
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 420000.000	M 415100.000	491.400
%RSD		M 0.329	M 0.382	0.377
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 4907.000	M 477100.000
%RSD		T 0.000	T 1.260	M 0.274
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 90.774%	68.660%	4.981
%RSD		T 0.572	0.738	5.579
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.151	1.364	-29.420
%RSD		200.100	0.718	3.859
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		123.000	418.900	0.378
%RSD		0.281	0.811	0.760
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.350	1.073	5.373
%RSD		3.254	7.511	0.662
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.513%	3.734	0.652
%RSD		1.205	0.834	8.069
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.150	M 3902.000	0.973
%RSD		62.040	M 0.450	11.220
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.889
%RSD		0.000	41.720	130.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.016	74.361%	0.132
%RSD		46.730	0.177	8.661
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.047	11.960	0.000
%RSD		47.170	2.964	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.712%	0.074	0.091
%RSD		0.686	9.325	2.918
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.319	75.212%	
%RSD		2.681	0.530	

CCV 8 11/29/2012 20:18:10 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.588%	116.258%	115.352%
%RSD		0.151	0.366	0.249
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.141%	107.912%	106.464%
%RSD		0.518	0.741	1.039
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	94.410%	95.942%
%RSD		0.000	0.451	0.538
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.832%	59.519%	98.001%
%RSD		0.512	0.635	3.429
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.992%	97.180%	-25.810
%RSD		0.627	0.296	2.132
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		95.865%	102.668%	95.550%
%RSD		0.419	0.339	0.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		94.990%	93.800%	106.945%
%RSD		0.371	0.481	0.467
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.330%	96.019%	-0.836
%RSD		0.466	0.738	29.370
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		102.224%	103.129%	103.241%
%RSD		2.243	0.866	0.012
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.122%	53.850
%RSD		0.000	0.409	33.480
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.913%	70.826%	104.999%
%RSD		1.308	1.272	0.679
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		107.061%	101.298%	0.000
%RSD		0.266	0.723	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.705%	102.877%	90.826%
%RSD		0.502	1.057	1.024
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.527%	84.174%	
%RSD		0.617	0.376	

CCB 8 11/29/2012 20:24:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.222%	0.098	2.937
%RSD		0.260	15.240	2.273
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		11.200	30.060	1.238
%RSD		5.518	26.610	29.730
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	36.450	61.850
%RSD		±0.000	12.500	22.630
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±85.127%	56.709%	-0.026
%RSD		±6.860	0.397	410.700
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.441	-0.182	-32.360
%RSD		31.610	17.240	3.986
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.318	13.640	0.061
%RSD		12.290	6.742	26.220
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.054	0.053	2.554
%RSD		17.720	84.540	8.538
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.146%	-0.094	-0.107
%RSD		0.666	136.300	39.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.057	0.298	0.149
%RSD		95.990	5.148	101.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.045	0.281
%RSD		0.000	8.570	238.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.034	70.360%	0.156
%RSD		51.310	0.567	21.100
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.171	0.089	0.000
%RSD		2.866	36.210	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.227%	0.670	0.309
%RSD		0.078	11.260	7.022
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.059	90.865%	
%RSD		2.068	0.289	

ICSA 11/29/2012 20:30:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.120%	0.008	2.097
%RSD		1.358	30.600	7.563
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>150960.000</u>	54010.000	<u>M50940.000</u>
%RSD		<u>10.334</u>	0.493	<u>M0.641</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>10.000</u>	<u>152940.000</u>	54460.000
%RSD		<u>10.000</u>	<u>10.677</u>	0.702
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.291%	57.620%	<u>M1026.000</u>
%RSD		0.850	1.021	<u>M1.042</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.275	0.463	-25.860
%RSD		86.860	2.989	3.079
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.272	<u>TM51110.000</u>	0.064
%RSD		2.565	<u>TM0.680</u>	6.388
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.370	0.351	1.371
%RSD		17.460	6.787	5.707
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.494%	0.484	-0.268
%RSD		1.255	7.188	2.387
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.040	0.251	<u>M978.900</u>
%RSD		152.800	21.130	<u>M0.772</u>
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.042	133.900
%RSD		0.000	9.816	5.615
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.043	69.816%	0.182
%RSD		99.790	0.525	8.912
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.197	0.112	0.000
%RSD		4.054	19.590	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.921%	0.278	0.156
%RSD		1.120	5.256	8.129
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.148	83.425%	
%RSD		4.785	1.427	

ICSAB 11/29/2012 20:35:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.558%	114.569%	108.844%
%RSD		0.425	1.000	1.260
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.504%	108.379%	101.280%
%RSD		0.835	0.299	0.177
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	107.788%	109.729%
%RSD		0.000	1.034	0.311
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.110%	59.777%	102.607%
%RSD		0.656	1.001	0.353
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.718%	98.023%	-15.990
%RSD		0.675	0.557	9.966
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.796%	102.862%	94.116%
%RSD		0.543	0.875	0.322
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		93.185%	92.191%	102.995%
%RSD		1.423	0.784	1.875
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.629%	94.997%	0.015
%RSD		0.316	0.529	461.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.129%	99.576%	99.431%
%RSD		1.688	1.231	1.669
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.769%	191.600
%RSD		0.000	0.727	8.290
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.638%	71.428%	105.301%
%RSD		0.211	0.470	0.256
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		105.451%	101.941%	0.000
%RSD		0.401	1.016	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.649%	102.399%	91.940%
%RSD		1.430	0.764	0.316
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.728%	85.473%	
%RSD		0.472	0.691	

CCV 11/29/2012 20:42:59 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.922%	116.497%	111.532%
%RSD		0.720	0.636	1.756
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.326%	107.493%	105.933%
%RSD		0.392	0.708	1.595
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	97.465%	99.668%
%RSD		0.000	7.209	7.018
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.692%	58.727%	103.966%
%RSD		6.550	0.090	4.909
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.452%	97.504%	-29.330
%RSD		1.021	0.491	4.766
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.461%	103.220%	95.680%
%RSD		6.629	0.716	1.264
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		95.067%	94.243%	106.638%
%RSD		0.772	0.401	1.240
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.903%	96.220%	-0.766
%RSD		0.240	0.195	35.230
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		102.100%	102.277%	116.451%
%RSD		1.579	1.058	0.341
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.658%	81.050
%RSD		0.000	0.688	78.010
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.491%	70.011%	104.582%
%RSD		0.744	0.377	0.791
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		105.916%	100.975%	0.000
%RSD		0.458	0.362	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.801%	104.641%	91.301%
%RSD		0.389	0.441	0.257
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.661%	84.556%	
%RSD		0.540	0.162	

CCB 11/29/2012 20:50:12 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.577%	0.094	1.445
%RSD		0.399	2.894	3.754
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		19.820	42.560	2.578
%RSD		7.540	12.590	29.740
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	41.240	69.820
%RSD		±0.000	1.689	11.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.210%	55.684%	0.049
%RSD		0.888	0.700	549.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.556	-0.239	-36.280
%RSD		10.870	4.312	0.871
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.360	15.770	0.072
%RSD		4.290	7.460	17.190
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.052	0.066	2.597
%RSD		38.600	24.540	5.747
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.642%	-0.247	-0.100
%RSD		0.481	13.130	64.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.114	0.351	2.235
%RSD		76.380	4.362	15.800
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.055	1.345
%RSD		0.000	22.780	112.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.096	70.198%	0.166
%RSD		23.080	0.015	18.500
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.241	0.117	0.000
%RSD		9.907	50.010	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.670%	0.836	0.373
%RSD		0.462	7.220	5.462
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.067	91.756%	
%RSD		5.760	0.080	

mb 240-66372/1-a, 11/29/2012 20:55:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		66.067%	0.021	1.081
%RSD		0.655	64.700	3.801
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3.237	16.250	5.625
%RSD		66.430	4.839	11.030
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	9.460	18.680
%RSD		±0.000	18.220	14.730
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.404%	55.610%	0.072
%RSD		0.250	0.587	339.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.511	-0.219	-34.320
%RSD		30.530	8.090	1.604
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.109	8.957	0.028
%RSD		14.300	12.050	9.942
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.007	0.177	2.067
%RSD		2.972	33.570	4.058
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.305%	-0.262	0.331
%RSD		0.401	21.290	17.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.032	0.062	0.602
%RSD		210.600	21.540	14.520
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.032	0.466
%RSD		0.000	25.770	252.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.011	69.885%	0.108
%RSD		78.350	0.214	21.430
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.104	0.039	0.000
%RSD		11.210	15.680	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.591%	0.313	0.200
%RSD		0.484	5.484	2.577
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.023	91.532%	
%RSD		14.290	0.101	

Ics 240-66372/2-a, 11/29/2012 21:01:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.610%	M1147.000	107.900
%RSD		0.636	M0.401	0.470
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8767.000	10590.000	M9895.000
%RSD		0.463	0.122	M0.249
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T10100.000	10160.000
%RSD		T0.000	T0.391	0.104
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.052%	54.304%	95.200
%RSD		0.231	0.303	1.795
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M914.800	M934.200	95.890
%RSD		M0.473	M0.604	4.975
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1058.000	T9677.000	M900.400
%RSD		TM0.261	T0.637	M0.700
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M902.400	M916.800	M1002.000
%RSD		M0.425	M0.164	M0.297
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.514%	M903.200	-5.032
%RSD		1.122	M0.674	6.119
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M971.600	M924.900	93.950
%RSD		M0.502	M0.851	0.863
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.950	695.900
%RSD		0.000	0.627	8.287
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M1000.000	67.998%	100.700
%RSD		M0.864	0.746	0.670
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.700	M952.800	0.000
%RSD		0.705	M0.562	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.391%	94.840	TM232.200
%RSD		0.922	1.659	TM0.613
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM1017.000	88.133%	
%RSD		TM0.711	0.530	

240-17677 -b-1-a, 11/29/2012 21:08:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.653%	0.196	22.870
%RSD		0.493	8.146	0.822
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		14030.000	81160.000	52.730
%RSD		0.341	0.602	0.366
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	12131.000	78730.000
%RSD		10.000	10.511	0.280
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.878%	56.566%	1.245
%RSD		0.096	0.200	24.310
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.151	0.745	-31.120
%RSD		187.400	3.430	1.828
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.834	34.160	0.324
%RSD		2.201	3.238	11.610
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.517	1.396	3.728
%RSD		5.275	7.734	1.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.987%	1.051	0.429
%RSD		0.520	3.027	12.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.060	507.400	43.590
%RSD		6.075	0.661	1.435
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.031	2.522
%RSD		0.000	25.440	89.770
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.290	68.389%	0.226
%RSD		22.530	0.583	7.778
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.479	61.450	0.000
%RSD		3.544	1.081	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.082%	0.925	0.582
%RSD		0.856	11.800	3.317
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.363	84.844%	
%RSD		9.986	0.500	

SD 240-17677 -b-1-a@5, 11/29/2012 21:14:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.808%	0.108	5.506
%RSD		0.817	28.400	2.879
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3093.000	18030.000	12.510
%RSD		0.337	0.559	7.603
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	436.100	17110.000
%RSD		±0.000	0.188	0.896
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.904%	55.033%	0.217
%RSD		0.400	0.357	33.240
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.156	0.245	-21.540
%RSD		320.400	4.511	2.623
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.444	8.075	0.093
%RSD		2.662	13.440	35.570
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.386	0.324	1.279
%RSD		28.940	13.740	3.607
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.540%	0.365	-0.016
%RSD		0.484	29.760	235.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.367	107.200	9.281
%RSD		16.600	0.390	1.226
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.011	2.747
%RSD		0.000	47.550	28.760
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.099	67.716%	0.115
%RSD		16.640	0.424	20.050
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.182	13.430	0.000
%RSD		8.983	1.730	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.712%	0.313	0.257
%RSD		0.500	7.504	2.012
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.093	88.058%	
%RSD		23.120	0.831	

240-17677 -b-1-b ms, 11/29/2012 21:19:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.732%	M1122.000	129.900
%RSD		0.484	M0.484	1.289
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T26060.000	95820.000	M9869.000
%RSD		T0.748	1.068	M1.048
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T12550.000	94620.000
%RSD		T0.000	T0.830	0.419
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.261%	54.183%	99.380
%RSD		0.197	0.443	4.260
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M929.900	M938.700	101.500
%RSD		M0.529	M0.440	7.513
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1054.000	T9933.000	TM927.300
%RSD		TM0.687	T0.542	TM5.177
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M882.800	M887.800	M969.900
%RSD		M0.616	M0.973	M0.562
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.565%	M918.200	-4.355
%RSD		0.309	M0.645	15.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M962.500	TM1595.000	140.900
%RSD		M0.556	TM0.618	1.533
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	96.570	500.300
%RSD		0.000	1.003	12.320
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M989.900	65.934%	101.100
%RSD		M0.873	0.195	1.075
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.200	M1028.000	0.000
%RSD		1.377	M0.909	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.244%	99.470	TM244.300
%RSD		0.435	1.224	TM0.301
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM1058.000	81.975%	
%RSD		TM0.722	0.223	

240-17677 -b-1-c msd, 11/29/2012 21:26:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.161%	M1114.000	129.400
%RSD		0.547	M0.052	0.621
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T25670.000	95070.000	M9791.000
%RSD		T0.574	0.440	M0.453
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T12320.000	93200.000
%RSD		T0.000	T0.812	0.282
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.569%	53.863%	98.640
%RSD		0.626	0.805	0.651
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M920.300	M926.500	94.540
%RSD		M0.771	M0.509	3.837
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1045.000	T9639.000	TM914.000
%RSD		TM0.293	T1.506	TM5.326
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M867.900	M871.800	M946.600
%RSD		M0.636	M0.860	M0.995
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.463%	M900.500	-4.525
%RSD		0.677	M1.072	5.142
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M945.100	TM1563.000	139.100
%RSD		M1.082	TM1.165	1.138
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	94.490	435.500
%RSD		0.000	0.873	16.380
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M974.100	66.797%	100.500
%RSD		M0.729	0.370	0.297
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.700	M1013.000	0.000
%RSD		0.954	M0.436	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.157%	98.070	TM240.100
%RSD		1.198	0.275	TM0.912
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM1036.000	82.898%	
%RSD		TM0.436	1.075	

CCV 9 11/29/2012 21:34:09 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		63.704%	118.650%	111.783%
%RSD		0.383	0.455	0.508
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.903%	107.538%	105.530%
%RSD		0.338	0.121	1.407
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.317%	107.589%
%RSD		0.000	0.704	0.453
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.293%	56.400%	103.848%
%RSD		0.494	0.792	2.363
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.484%	97.500%	-31.540
%RSD		0.923	0.547	13.450
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		107.962%	102.579%	95.689%
%RSD		0.209	0.780	0.998
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		94.639%	94.464%	104.985%
%RSD		1.091	1.079	0.357
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.220%	95.703%	-0.696
%RSD		1.079	0.277	26.190
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.758%	102.579%	103.559%
%RSD		1.585	0.898	0.960
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.255%	49.290
%RSD		0.000	0.487	31.120
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		103.117%	68.420%	104.437%
%RSD		0.631	1.226	0.601
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.792%	99.441%	0.000
%RSD		0.481	0.290	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.802%	104.546%	91.539%
%RSD		1.408	0.270	0.211
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.400%	83.195%	
%RSD		0.323	0.606	

CCB 9 11/29/2012 21:41:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.365%	0.122	0.867
%RSD		0.996	11.610	7.999
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		18.420	45.020	2.800
%RSD		4.118	15.470	17.360
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	40.690	61.170
%RSD		±0.000	0.817	5.661
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.672%	53.029%	-0.013
%RSD		0.402	1.181	340.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.578	-0.250	-39.420
%RSD		90.270	0.483	3.969
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.389	16.950	0.086
%RSD		4.177	11.900	14.540
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.064	0.076	2.443
%RSD		7.322	24.220	3.915
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.079%	-0.298	-0.158
%RSD		0.859	50.180	20.090
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.219	0.349	0.180
%RSD		17.510	6.523	67.300
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.060	0.823
%RSD		0.000	10.660	269.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.096	67.693%	0.207
%RSD		15.260	0.627	15.960
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.329	0.119	0.000
%RSD		3.644	18.320	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.230%	0.921	0.529
%RSD		0.553	3.572	4.029
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.081	89.349%	
%RSD		5.284	0.173	

240-17677 -b-2-a, 11/29/2012 21:46:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.941%	0.028	41.950
%RSD		0.069	16.010	1.723
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10240.000	78340.000	9.391
%RSD		0.880	0.462	7.625
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	2660.000	92250.000
%RSD		0.000	0.511	0.380
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.118%	55.590%	0.166
%RSD		0.772	0.900	49.110
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.578	-0.021	-31.890
%RSD		40.640	175.500	1.403
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		33.290	3201.000	0.475
%RSD		0.192	0.348	13.100
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.303	0.455	1.296
%RSD		6.584	11.630	17.200
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.009%	27.610	0.321
%RSD		0.810	1.195	8.307
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.039	4193.000	53.330
%RSD		203.200	0.338	0.564
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	6.029
%RSD		0.000	50.530	38.250
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.029	67.411%	0.140
%RSD		65.380	0.102	12.860
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.177	47.480	0.000
%RSD		24.110	0.147	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.823%	0.366	0.309
%RSD		0.954	4.762	5.394
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.103	84.320%	
%RSD		26.870	0.479	

240-17677 -b-3-a, 11/29/2012 21:52:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.075%	0.013	74.810
%RSD		0.134	33.850	0.188
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12950.000	53270.000	8.595
%RSD		1.041	1.333	12.940
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	2081.000	95270.000
%RSD		10.000	10.095	0.315
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.702%	52.633%	0.236
%RSD		0.841	0.870	30.570
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.411	0.068	-37.170
%RSD		47.160	24.800	1.309
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		31.440	1942.000	25.930
%RSD		0.897	0.352	1.205
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.220	0.752	4.742
%RSD		3.167	8.725	4.007
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.229%	11.870	0.344
%RSD		0.525	1.203	13.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.211	6039.000	41.010
%RSD		33.670	0.504	1.574
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.020	6.256
%RSD		0.000	10.770	14.090
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.048	66.458%	0.096
%RSD		20.850	0.419	24.130
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.116	51.240	0.000
%RSD		12.320	1.021	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.738%	1.116	0.242
%RSD		0.571	1.383	5.629
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.118	84.969%	
%RSD		19.950	0.498	

240-17677 -b-4-a, 11/29/2012 21:57:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.749%	0.044	105.800
%RSD		0.514	20.290	1.236
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10140.000	50110.000	159.600
%RSD		0.480	0.958	1.917
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	1510.000	98640.000
%RSD		0.000	0.843	0.315
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.199%	51.020%	3.768
%RSD		0.582	0.230	96.490
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.149	0.503	-38.570
%RSD		253.700	10.410	1.602
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		34.080	142.500	0.207
%RSD		0.572	0.116	9.299
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.753	0.879	2.905
%RSD		6.356	4.608	5.597
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.397%	0.504	0.349
%RSD		0.392	20.350	11.520
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.189	174.100	29.050
%RSD		45.740	0.874	0.861
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	2.215
%RSD		0.000	138.000	34.510
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.051	64.702%	0.095
%RSD		63.800	0.708	12.380
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.141	45.330	0.000
%RSD		4.140	0.768	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.335%	0.199	0.204
%RSD		0.519	5.342	1.928
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.124	82.612%	
%RSD		8.607	0.227	

240-17677 -b-5-a, 11/29/2012 22:03:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.056%	0.042	69.900
%RSD		0.605	27.520	0.256
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13780.000	<u>M 101900.000</u>	12.980
%RSD		1.227	<u>M 0.954</u>	8.937
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 2889.000</u>	88440.000
%RSD		<u>T 0.000</u>	<u>T 0.388</u>	0.338
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.114%	54.693%	0.267
%RSD		0.512	0.999	66.240
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.386	-0.048	-33.400
%RSD		25.540	20.470	1.429
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		17.410	2197.000	0.731
%RSD		0.158	0.389	2.611
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.205	0.233	2.232
%RSD		7.975	20.360	15.780
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.732%	24.470	0.419
%RSD		1.231	0.992	14.280
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.139	<u>TM 18170.000</u>	63.440
%RSD		68.530	<u>TM 0.233</u>	1.409
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	6.421
%RSD		0.000	184.200	33.730
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.008	67.500%	0.103
%RSD		246.200	0.237	17.850
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.078	42.130	0.000
%RSD		17.100	0.346	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.269%	0.138	0.151
%RSD		0.394	15.340	0.526
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.013	84.377%	
%RSD		16.640	0.542	

240-17781 -h-11 -a, 11/29/2012 22:08:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.417%	0.018	28.770
%RSD		0.485	17.080	1.525
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		40340.000	35680.000	5.511
%RSD		1.008	1.635	3.784
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1629.000	122700.000
%RSD		0.000	0.723	0.908
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.564%	49.822%	0.052
%RSD		0.094	0.670	228.700
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.478	-0.136	-38.860
%RSD		86.550	21.200	2.555
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		82.220	865.800	0.113
%RSD		0.423	0.828	15.780
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.436	0.305	2.101
%RSD		10.030	5.767	7.931
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.296%	2.768	0.349
%RSD		0.160	1.593	3.207
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.068	109.700	0.642
%RSD		95.300	1.436	12.570
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.300
%RSD		0.000	31.040	1298.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.314	63.237%	0.066
%RSD		6.687	1.436	14.740
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.054	137.700	0.000
%RSD		6.484	0.333	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.265%	0.122	0.122
%RSD		0.516	10.310	3.381
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.036	80.506%	
%RSD		15.170	0.694	

240-17781 -h-12 -a, 11/29/2012 22:14:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.736%	0.023	1.179
%RSD		0.127	20.770	9.287
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		824.200	46.130	50.320
%RSD		1.677	11.960	6.423
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	16.150	612.500
%RSD		±0.000	1.641	2.009
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.627%	46.980%	0.289
%RSD		0.292	1.007	51.180
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.351	0.161	-30.090
%RSD		158.800	5.809	8.048
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.237	21.370	0.012
%RSD		2.512	2.980	62.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.007	1.173	1.853
%RSD		239.800	8.801	9.541
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.061%	-0.131	0.388
%RSD		0.500	73.220	6.749
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.065	2.706	-0.573
%RSD		78.060	15.020	6.925
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.334
%RSD		0.000	145.800	213.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.011	62.204%	0.102
%RSD		45.260	0.087	25.550
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.080	1.337	0.000
%RSD		14.170	4.316	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.878%	0.094	0.090
%RSD		0.665	8.699	7.918
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.041	86.258%	
%RSD		7.111	0.180	

240-17781 -h-14 -a, 11/29/2012 22:20:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.231%	0.021	32.100
%RSD		0.885	19.830	0.411
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		± 50680.000	24100.000	11.680
%RSD		± 0.339	0.957	7.095
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 1565.000	94850.000
%RSD		± 0.000	± 0.519	0.139
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.232%	46.070%	0.101
%RSD		0.800	0.149	317.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.498	-0.191	-40.820
%RSD		54.480	14.520	1.578
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		37.290	95.410	0.087
%RSD		0.286	0.738	11.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.357	0.311	1.583
%RSD		16.250	10.710	6.220
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.688%	0.438	0.332
%RSD		0.449	28.970	16.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.276	93.510	-0.057
%RSD		64.510	1.545	69.450
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.666
%RSD		0.000	16.080	152.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.004	60.197%	0.073
%RSD		115.100	0.714	14.480
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.087	18.300	0.000
%RSD		24.050	2.213	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.790%	0.100	0.088
%RSD		0.347	9.814	7.737
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.081	78.070%	
%RSD		2.123	0.898	

240-17781 -h-15 -a, 11/29/2012 22:25:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.074%	0.007	31.270
%RSD		0.308	18.330	2.400
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±48810.000	23340.000	9.282
%RSD		±1.150	0.946	4.478
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±1527.000	91970.000
%RSD		±0.000	±0.371	1.036
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.797%	45.602%	0.076
%RSD		0.215	0.785	63.130
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.619	-0.139	-41.230
%RSD		51.960	9.369	2.525
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		30.290	73.250	0.082
%RSD		0.240	2.042	17.120
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.397	0.220	2.373
%RSD		17.720	15.580	8.150
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.235%	0.287	0.288
%RSD		0.351	5.007	21.030
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.291	90.260	-0.227
%RSD		54.540	0.227	36.910
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.078
%RSD		0.000	14.280	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.006	59.551%	0.061
%RSD		202.300	0.155	15.770
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.108	17.010	0.000
%RSD		12.780	2.299	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.302%	0.071	0.076
%RSD		0.476	8.145	5.957
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.051	78.269%	
%RSD		11.850	0.406	

240-17781 -h-16 -a, 11/29/2012 22:31:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.751%	0.007	62.090
%RSD		0.505	178.900	0.505
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2080.000	17450.000	3.856
%RSD		0.989	0.488	1.687
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4437.000	μ100700.000
%RSD		±0.000	±0.341	m0.416
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.331%	45.722%	0.331
%RSD		0.811	0.477	39.480
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.538	-0.196	-37.990
%RSD		92.240	13.090	3.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±641.600	2172.000	2.395
%RSD		±0.681	0.488	0.121
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.837	0.439	2.343
%RSD		12.430	11.410	9.456
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.031%	5.616	0.306
%RSD		1.131	2.307	7.467
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.084	173.200	0.519
%RSD		118.200	0.640	17.260
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.742
%RSD		0.000	208.200	232.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.046	60.755%	0.050
%RSD		14.360	0.669	23.230
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.070	133.800	0.000
%RSD		8.073	0.219	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.463%	0.055	0.137
%RSD		0.877	16.920	7.860
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.009	80.453%	
%RSD		15.410	0.243	

240-17781 -h-17 -a, 11/29/2012 22:36:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.557%	0.006	59.850
%RSD		0.461	95.640	1.001
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2016.000	16760.000	2.412
%RSD		0.841	1.328	21.280
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	4262.000	98010.000
%RSD		0.000	0.880	0.704
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.349%	44.705%	0.342
%RSD		0.321	1.026	37.380
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.613	-0.078	-38.700
%RSD		16.340	54.360	2.079
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		631.500	2000.000	2.294
%RSD		0.183	1.496	2.245
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.826	0.570	2.315
%RSD		7.317	21.050	2.930
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.176%	4.963	0.339
%RSD		0.921	2.237	39.460
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.101	168.800	0.515
%RSD		51.930	0.218	1.464
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.233
%RSD		0.000	322.600	539.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.021	59.711%	0.061
%RSD		25.640	0.581	8.128
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.059	127.400	0.000
%RSD		5.105	0.227	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.982%	0.060	0.127
%RSD		0.192	15.730	8.959
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.014	80.074%	
%RSD		20.380	0.179	

CCV 10 11/29/2012 22:42:26 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.224%	118.807%	110.048%
%RSD		0.792	0.617	0.258
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.577%	109.044%	106.417%
%RSD		0.196	0.431	0.743
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	105.892%	107.400%
%RSD		0.000	0.828	0.353
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.319%	53.486%	98.899%
%RSD		1.280	1.110	3.710
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.524%	96.895%	-29.700
%RSD		0.764	0.283	2.281
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		108.060%	103.035%	94.694%
%RSD		0.243	0.501	0.801
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.840%	92.893%	106.980%
%RSD		1.372	0.650	1.572
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.232%	95.535%	-0.755
%RSD		1.462	0.144	14.120
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.515%	102.054%	102.142%
%RSD		1.393	0.078	1.414
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.992%	69.450
%RSD		0.000	0.417	85.660
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		103.553%	64.944%	105.042%
%RSD		0.416	0.608	0.783
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.185%	99.889%	0.000
%RSD		0.237	0.703	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.144%	102.763%	91.189%
%RSD		1.347	0.783	0.141
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.311%	80.638%	
%RSD		0.412	0.356	

CCB 10 11/29/2012 22:48:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.804%	0.143	0.591
%RSD		0.516	17.850	10.940
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		22.720	47.790	3.337
%RSD		6.009	16.670	7.389
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	46.900	80.370
%RSD		±0.000	2.306	4.255
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.537%	48.473%	-0.022
%RSD		0.227	0.327	558.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.736	-0.211	-37.540
%RSD		27.650	10.170	0.809
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.455	17.760	0.094
%RSD		1.988	8.517	17.850
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.147	0.120	2.701
%RSD		12.390	13.560	7.909
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.742%	-0.258	-0.097
%RSD		0.778	27.090	48.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.114	0.394	-0.079
%RSD		77.130	11.070	181.500
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.076	-0.783
%RSD		0.000	10.580	150.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.107	63.501%	0.192
%RSD		41.420	0.364	7.825
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.188	0.137	0.000
%RSD		16.780	23.590	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.169%	0.741	0.343
%RSD		0.301	15.630	7.801
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.104	86.593%	
%RSD		2.162	0.778	

240-17781 -h-18 -a, 11/29/2012 22:54:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.171%	0.013	33.080
%RSD		0.964	48.470	0.450
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>146220.000</u>	27650.000	5.367
%RSD		<u>0.429</u>	0.767	10.550
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>11549.000</u>	<u>102400.000</u>
%RSD		<u>0.000</u>	<u>0.475</u>	<u>0.548</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.696%	48.113%	0.386
%RSD		0.673	0.554	47.880
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.447	-0.172	-44.920
%RSD		31.000	31.840	1.533
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		112.600	<u>16430.000</u>	0.102
%RSD		0.078	<u>0.500</u>	7.297
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.589	0.547	2.492
%RSD		16.840	12.620	17.190
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.036%	0.993	0.323
%RSD		0.792	7.287	15.750
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.161	98.640	0.205
%RSD		89.450	0.735	24.560
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	-0.336
%RSD		0.000	131.200	106.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.009	61.795%	0.099
%RSD		72.760	0.611	18.790
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.118	47.340	0.000
%RSD		18.760	0.891	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.134%	0.254	0.160
%RSD		1.138	6.366	1.117
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.028	79.368%	
%RSD		19.500	0.477	

240-17781 -h-19 -a, 11/29/2012 22:59:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.004%	0.016	M238.700
%RSD		0.155	25.990	M0.543
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T34330.000	29480.000	12.350
%RSD		T0.675	1.412	13.720
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T6984.000	98690.000
%RSD		T0.000	T0.460	0.235
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.129%	48.274%	0.276
%RSD		0.444	0.448	29.970
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.807	-0.223	-38.940
%RSD		40.610	10.970	1.146
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		141.800	2487.000	0.172
%RSD		0.416	0.974	16.020
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.820	0.747	2.019
%RSD		7.572	7.423	7.054
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.549%	55.760	0.322
%RSD		0.699	1.820	3.137
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.011	M224.400	0.923
%RSD		580.100	M0.759	4.059
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	0.723
%RSD		0.000	22.550	154.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.001	61.775%	0.049
%RSD		623.400	0.198	41.590
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.084	96.650	0.000
%RSD		18.630	0.432	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.608%	0.150	0.102
%RSD		0.316	7.470	2.507
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.006	80.670%	
%RSD		79.780	0.843	

240-17781 -h-20 -a, 11/29/2012 23:05:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.925%	0.021	M 390.300
%RSD		0.300	17.360	M 0.792
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 31130.000	32120.000	11.080
%RSD		T 0.329	0.822	2.432
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 7587.000	M 105700.000
%RSD		T 0.000	T 0.545	M 0.582
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.065%	47.241%	0.065
%RSD		0.660	0.657	288.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.360	-0.179	-39.600
%RSD		23.170	27.120	2.314
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		80.810	1104.000	0.088
%RSD		0.176	0.194	11.070
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.434	0.339	2.082
%RSD		17.250	18.450	8.884
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.251%	1.282	0.429
%RSD		0.321	4.372	16.170
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.062	143.600	-0.083
%RSD		156.500	0.197	39.560
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.006	-0.553
%RSD		0.000	57.660	114.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.008	60.595%	0.070
%RSD		1.647	0.913	32.630
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.041	116.500	0.000
%RSD		55.430	0.638	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.606%	0.207	0.085
%RSD		0.984	5.132	3.179
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.026	78.977%	
%RSD		12.150	0.729	

240-17781 -h-21 -a, 11/29/2012 23:10:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.539%	0.017	47.640
%RSD		0.522	32.760	0.959
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9604.000	27110.000	33.410
%RSD		0.344	1.284	4.612
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	1398.000	81670.000
%RSD		0.000	0.908	0.839
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.727%	45.664%	0.218
%RSD		0.461	0.466	38.540
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.338	-0.183	-40.620
%RSD		53.930	25.110	1.137
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		31.410	518.900	0.021
%RSD		0.322	0.795	23.750
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.152	1.968	2.114
%RSD		17.770	4.182	9.804
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.506%	0.854	0.292
%RSD		0.505	11.920	14.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.037	204.700	0.178
%RSD		156.900	0.603	22.730
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.455
%RSD		0.000	69.840	101.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.005	59.555%	0.050
%RSD		132.500	0.843	26.970
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.025	42.560	0.000
%RSD		30.140	1.397	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.841%	0.114	0.057
%RSD		0.321	1.880	9.804
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.126	80.234%	
%RSD		1.880	0.196	

240-17781 -h-22 -a, 11/29/2012 23:16:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.076%	0.051	25.060
%RSD		0.384	30.950	1.193
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10980.000	30020.000	19.840
%RSD		1.136	0.853	4.267
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±1449.000	±101800.000
%RSD		±0.000	±0.123	±0.287
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.183%	44.939%	0.081
%RSD		0.549	0.758	226.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.353	-0.190	-39.920
%RSD		71.670	21.690	0.663
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		82.860	924.400	0.077
%RSD		0.298	0.744	16.040
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.457	0.434	1.902
%RSD		19.230	2.856	9.688
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.617%	0.914	0.297
%RSD		0.171	17.400	23.310
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.005	±243.500	-0.050
%RSD		748.800	±0.700	56.440
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.457
%RSD		0.000	15.770	195.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.009	59.120%	0.219
%RSD		52.920	0.082	7.126
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.073	67.720	0.000
%RSD		5.232	0.975	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.015%	0.071	0.054
%RSD		0.733	7.820	4.583
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.074	78.574%	
%RSD		1.391	0.385	

240-17781 -h-23 -a, 11/29/2012 23:22:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.976%	0.014	130.300
%RSD		0.143	33.020	0.992
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		31280.000	32870.000	1.831
%RSD		1.077	0.723	25.530
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1633.000	115200.000
%RSD		0.000	0.187	0.548
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.783%	44.607%	0.053
%RSD		0.456	1.555	328.100
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.523	-0.222	-40.800
%RSD		34.060	14.080	2.236
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		64.340	876.700	0.041
%RSD		0.233	0.602	9.661
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.358	8.019	28.420
%RSD		14.030	0.838	2.299
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.260%	0.803	0.263
%RSD		0.379	23.200	55.940
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.016	128.800	-0.331
%RSD		407.900	0.264	17.040
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.378
%RSD		0.000	101.700	137.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	58.431%	0.078
%RSD		324.300	0.766	20.970
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.059	86.600	0.000
%RSD		7.847	0.652	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.507%	0.048	0.041
%RSD		1.184	2.364	18.440
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.440	76.560%	
%RSD		1.473	0.365	

240-17781 -h-24 -a, 11/29/2012 23:27:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.172%	-0.001	1.682
%RSD		0.177	383.200	10.200
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		743.000	29.750	48.010
%RSD		0.378	44.410	2.854
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	13.680	573.700
%RSD		±0.000	4.062	5.254
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.692%	42.677%	0.368
%RSD		0.403	0.407	57.380
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.566	0.081	-34.050
%RSD		14.860	47.030	2.373
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.257	21.490	0.007
%RSD		2.054	2.722	80.610
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.008	1.248	1.574
%RSD		273.500	5.425	15.600
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		48.742%	-0.282	0.278
%RSD		0.126	12.750	11.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.020	0.718	-0.854
%RSD		394.700	4.326	4.080
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.367
%RSD		0.000	144.500	105.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.009	57.553%	0.093
%RSD		85.610	0.323	16.960
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.042	1.212	0.000
%RSD		38.000	2.090	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.922%	0.036	0.035
%RSD		0.932	7.404	14.810
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.033	81.890%	
%RSD		14.830	0.558	

240-17781 -h-25 -a, 11/29/2012 23:33:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.195%	0.014	113.800
%RSD		0.331	84.680	1.449
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		28590.000	28950.000	0.729
%RSD		1.163	1.942	36.150
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1618.000	104000.000
%RSD		0.000	0.591	0.578
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.657%	43.857%	0.028
%RSD		0.365	1.062	672.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.495	-0.205	-41.260
%RSD		68.020	20.830	1.703
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		62.500	737.900	0.039
%RSD		0.539	0.430	19.830
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.187	29.690	27.730
%RSD		5.991	1.768	2.845
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		47.951%	0.700	0.391
%RSD		1.052	17.410	15.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.043	119.800	-0.354
%RSD		255.300	0.384	6.095
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.373
%RSD		0.000	88.550	104.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.007	57.004%	0.095
%RSD		152.600	0.872	30.010
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.049	79.310	0.000
%RSD		10.260	1.032	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		72.313%	0.033	0.028
%RSD		0.559	6.653	5.154
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.453	76.843%	
%RSD		2.563	0.575	

240-17988 -d-5-a, 11/29/2012 23:38:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.218%	0.009	89.570
%RSD		1.170	103.400	0.766
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±98180.000	3232.000	98.160
%RSD		±0.732	1.611	2.948
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±5847.000	37160.000
%RSD		±0.000	±0.067	0.548
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.169%	46.235%	3.114
%RSD		0.635	1.641	8.474
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		14.660	4.751	-24.610
%RSD		2.504	0.714	1.782
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		6.940	1210.000	0.377
%RSD		0.742	0.529	8.317
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.859	17.330	12.490
%RSD		4.837	1.271	3.285
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.607%	2.076	0.287
%RSD		1.609	7.205	24.320
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.399	μ431.100	12.380
%RSD		16.150	μ0.535	2.555
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.007	3.621
%RSD		0.000	44.190	61.780
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.156	58.844%	0.080
%RSD		18.290	0.591	29.100
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.635	23.370	0.000
%RSD		5.985	0.537	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.837%	0.901	0.034
%RSD		0.662	4.270	5.709
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.161	77.294%	
%RSD		0.856	0.721	

mb 240-66373/1 -a, 11/29/2012 23:44:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.787%	0.009	0.828
%RSD		0.199	91.290	0.471
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		74.070	67.590	1.292
%RSD		7.149	13.130	15.460
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	16.520	257.100
%RSD		±0.000	5.026	2.623
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.200%	45.503%	-0.038
%RSD		0.223	1.389	456.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.676	-0.165	-27.730
%RSD		76.700	10.010	2.874
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.326	10.070	0.007
%RSD		3.354	10.080	31.080
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.110	0.788	6.606
%RSD		30.420	1.378	5.102
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.739%	-0.326	0.333
%RSD		1.129	19.490	21.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.046	0.606	-0.761
%RSD		101.500	5.023	3.625
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	-0.050
%RSD		0.000	1875.000	2148.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	60.148%	0.061
%RSD		225.800	0.649	41.460
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.011	0.852	0.000
%RSD		86.150	5.905	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.561%	0.049	0.013
%RSD		0.765	10.720	5.066
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.047	84.379%	
%RSD		0.980	0.225	

CCV 11 11/29/2012 23:49:32 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.695%	117.853%	108.609%
%RSD		0.967	0.407	1.569
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.155%	110.671%	104.764%
%RSD		0.803	0.594	0.683
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	107.754%	106.986%
%RSD		0.000	0.724	0.024
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.776%	51.360%	99.818%
%RSD		0.891	1.325	3.888
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.334%	96.827%	-29.820
%RSD		0.970	0.788	5.620
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		108.165%	103.077%	93.739%
%RSD		0.367	0.585	0.415
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.729%	93.783%	106.592%
%RSD		0.756	0.650	1.470
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		54.598%	95.182%	-0.779
%RSD		1.125	1.076	9.412
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.775%	102.129%	102.469%
%RSD		0.400	0.649	1.290
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.738%	108.000
%RSD		0.000	0.588	50.040
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		105.213%	62.398%	106.697%
%RSD		1.324	1.152	0.319
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		108.600%	101.731%	0.000
%RSD		0.382	0.264	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.161%	104.057%	90.947%
%RSD		0.694	1.379	1.051
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.859%	78.827%	
%RSD		0.962	0.680	

CCB 11 11/29/2012 23:55:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.609%	0.149	0.620
%RSD		0.552	15.850	18.650
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		27.530	49.790	2.663
%RSD		5.088	6.892	13.290
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	52.170	75.460
%RSD		±0.000	0.496	2.268
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.668%	47.118%	0.011
%RSD		0.393	0.643	433.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.423	-0.201	-38.750
%RSD		31.750	15.860	2.532
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.484	20.620	0.113
%RSD		3.215	6.469	9.640
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.109	0.077	2.462
%RSD		40.560	35.090	9.234
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.136%	-0.224	-0.162
%RSD		0.545	72.950	30.470
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.174	0.399	-0.032
%RSD		13.290	3.441	337.400
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.081	-0.023
%RSD		0.000	11.900	8490.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.120	61.623%	0.197
%RSD		13.090	0.745	21.090
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.193	0.170	0.000
%RSD		18.520	18.560	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.332%	0.848	0.280
%RSD		0.746	13.300	8.806
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.114	84.960%	
%RSD		2.589	0.122	

Ics 240-66373/2-a, 11/30/2012 00:01:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.831%	M1117.000	101.800
%RSD		0.493	M0.204	0.234
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8540.000	10600.000	M9638.000
%RSD		0.518	0.907	M0.753
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T0.000	T10040.000	9839.000
%RSD		T0.000	T0.377	0.903
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.506%	45.938%	94.510
%RSD		0.455	0.195	0.857
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M887.400	M906.200	77.930
%RSD		M0.520	M0.782	19.320
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM1016.000	T9464.000	M862.200
%RSD		TM0.551	T0.429	M1.218
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M859.700	M868.500	M972.800
%RSD		M0.786	M0.776	M0.447
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.375%	M859.100	-5.074
%RSD		0.492	M0.537	12.290
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M931.200	M886.800	87.630
%RSD		M0.538	M0.868	1.481
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	95.010	594.100
%RSD		0.000	0.810	12.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M975.400	60.625%	97.360
%RSD		M0.673	0.677	0.594
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.710	M915.700	0.000
%RSD		0.822	M0.752	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.720%	90.000	TM222.200
%RSD		1.133	0.696	TM0.524
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM987.300	82.661%	
%RSD		TM0.464	0.434	

240-17661 -a-1-b, 11/30/2012 00:08:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.922%	0.416	M 324.300
%RSD		1.207	11.000	M 0.701
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 38690.000	73590.000	20.800
%RSD		T 0.797	1.001	10.840
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 21840.000	M 150100.000
%RSD		T 0.000	T 0.621	M 0.301
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.363%	53.320%	0.230
%RSD		1.050	1.050	30.320
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.354	0.044	-38.210
%RSD		27.320	89.870	0.166
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 5749.000	T 16030.000	29.020
%RSD		TM 0.212	T 0.718	1.123
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		28.610	0.476	47.940
%RSD		2.052	4.362	0.958
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.596%	1.409	0.394
%RSD		1.160	6.935	16.990
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.586	M 1143.000	6.106
%RSD		10.670	M 0.084	4.254
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.028	-1.147
%RSD		0.000	19.940	80.050
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.263	65.509%	0.217
%RSD		15.130	1.534	23.280
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.468	10.400	0.000
%RSD		3.782	2.974	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.485%	0.954	0.548
%RSD		1.351	8.817	6.050
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.521	81.413%	
%RSD		2.991	0.784	

SD 240-17661 -a-1-b@5, 11/30/2012 00:14:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.671%	0.040	68.880
%RSD		0.255	14.550	0.217
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7236.000	15480.000	7.350
%RSD		0.560	0.390	2.809
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4559.000	30880.000
%RSD		0.000	0.477	0.391
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.080%	53.042%	0.282
%RSD		0.897	0.386	106.100
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.133	-0.211	-34.500
%RSD		185.000	18.670	2.666
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1207.000	3019.000	6.042
%RSD		0.578	1.579	1.223
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		6.079	0.135	10.530
%RSD		3.272	34.380	2.616
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.756%	0.023	-0.061
%RSD		0.910	233.400	103.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.149	231.100	0.686
%RSD		11.350	1.028	16.530
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	-1.265
%RSD		0.000	109.000	161.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.036	65.412%	0.071
%RSD		82.750	0.625	17.470
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.210	2.283	0.000
%RSD		8.512	3.879	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.823%	0.296	0.213
%RSD		0.585	4.141	2.621
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.092	87.093%	
%RSD		32.970	0.592	

240-17661 -a-1-c ms, 11/30/2012 00:19:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.520%	M 1081.000	M 432.400
%RSD		0.296	M 0.594	M 0.231
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 48190.000	84280.000	M 9603.000
%RSD		T 0.866	0.764	M 0.332
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 33190.000	M 163100.000
%RSD		T 0.000	T 0.408	M 0.384
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.378%	55.841%	96.080
%RSD		1.112	1.527	1.995
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 921.800	M 920.700	86.110
%RSD		M 0.335	M 0.723	11.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 6881.000	T 26650.000	M 910.100
%RSD		TM 0.364	T 0.843	M 0.882
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 890.000	M 863.600	M 979.400
%RSD		M 0.849	M 0.440	M 0.521
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.391%	M 927.300	-5.108
%RSD		1.341	M 0.372	2.553
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 965.900	TM 2264.000	102.200
%RSD		M 0.586	TM 0.547	0.731
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	93.090	534.600
%RSD		0.000	0.705	14.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 976.200	67.922%	100.900
%RSD		M 0.347	1.417	0.562
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.900	M 972.000	0.000
%RSD		0.854	M 0.084	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.554%	98.780	TM 243.600
%RSD		1.122	0.523	TM 0.761
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1065.000	83.222%	
%RSD		TM 0.073	1.015	

240-17661 -a-1-d msd, 11/30/2012 00:26:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.037%	M 1088.000	M 432.400
%RSD		0.095	M 0.501	M 0.589
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 47040.000	81110.000	M 9461.000
%RSD		T 0.193	0.988	M 0.407
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 32170.000	M 158900.000
%RSD		T 0.000	T 0.715	M 0.167
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.790%	56.993%	96.100
%RSD		0.717	0.799	0.947
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 911.100	M 912.100	81.930
%RSD		M 0.243	M 0.190	4.675
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 6755.000	T 26300.000	M 902.500
%RSD		TM 0.133	T 0.308	M 0.247
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 889.900	M 866.700	M 999.100
%RSD		M 0.113	M 0.326	M 0.034
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.787%	M 939.300	-5.466
%RSD		0.810	M 0.648	10.670
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 998.600	TM 2233.000	101.000
%RSD		M 0.460	TM 0.290	0.876
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	93.990	608.500
%RSD		0.000	0.713	4.317
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 973.500	69.498%	100.500
%RSD		M 0.474	0.657	0.593
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		101.800	M 959.000	0.000
%RSD		0.967	M 0.481	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.377%	98.490	TM 241.300
%RSD		0.802	1.230	TM 0.302
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1044.000	84.996%	
%RSD		TM 0.698	0.427	

240-17661 -b-2-b, 11/30/2012 00:34:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.700%	0.261	M 338.200
%RSD		0.522	6.030	M 0.082
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 38420.000	73890.000	5.940
%RSD		T 1.063	1.081	7.752
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 22590.000	M 154800.000
%RSD		T 0.000	T 0.348	M 0.439
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.659%	57.138%	-0.027
%RSD		0.702	1.055	142.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.557	-0.204	-39.690
%RSD		24.080	30.760	0.498
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 6048.000	T 15750.000	30.660
%RSD		TM 0.027	T 0.340	0.355
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		30.130	0.188	49.700
%RSD		2.050	40.180	1.618
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.839%	1.225	0.359
%RSD		0.833	17.810	13.610
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.394	M 1172.000	5.350
%RSD		25.870	M 0.243	4.953
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.023	0.208
%RSD		0.000	86.290	227.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.153	69.497%	0.243
%RSD		70.010	0.424	18.640
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.560	10.340	0.000
%RSD		1.916	2.082	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.923%	1.178	0.686
%RSD		1.163	10.530	3.812
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.132	85.309%	
%RSD		94.450	0.428	

240-17661 -a-3-b, 11/30/2012 00:39:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.859%	0.317	M 327.300
%RSD		0.454	12.610	M 0.360
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 80050.000	21660.000	404.500
%RSD		T 1.368	1.992	4.127
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2235.000	M 139700.000
%RSD		T 0.000	T 0.350	M 0.503
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.445%	51.805%	4.950
%RSD		0.413	1.290	8.102
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.549	0.672	-44.890
%RSD		48.680	9.331	1.816
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 1432.000	4727.000	3.449
%RSD		T 0.416	0.883	2.602
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.285	0.952	8.566
%RSD		4.478	9.941	3.110
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.165%	0.589	0.310
%RSD		0.356	13.810	13.040
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.353	M 260.400	-0.212
%RSD		45.880	M 0.285	56.890
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	2.646
%RSD		0.000	10.250	151.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.262	65.092%	0.227
%RSD		12.800	0.559	9.623
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.543	26.990	0.000
%RSD		2.247	1.035	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.060%	0.454	0.349
%RSD		0.734	2.648	4.276
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.553	82.459%	
%RSD		3.856	0.332	

240-17661 -a-4-b, 11/30/2012 00:45:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.912%	0.076	M 330.400
%RSD		0.616	35.290	M 1.115
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 83280.000	22310.000	11.060
%RSD		T 1.171	0.680	8.327
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2125.000	M 142200.000
%RSD		T 0.000	T 0.154	M 0.078
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.533%	48.258%	0.277
%RSD		0.568	0.803	59.710
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.357	-0.192	-45.480
%RSD		14.960	20.500	0.606
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1464.000	3489.000	3.073
%RSD		TM 0.202	0.676	2.816
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.781	0.472	4.858
%RSD		5.978	15.930	2.331
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.664%	0.389	0.357
%RSD		0.360	19.030	38.150
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.335	M 263.500	-0.498
%RSD		46.770	M 0.520	7.342
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.015	-1.011
%RSD		0.000	56.400	147.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.176	62.412%	0.090
%RSD		23.840	0.326	23.010
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.409	25.700	0.000
%RSD		3.874	0.767	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.780%	0.264	0.235
%RSD		0.452	2.623	3.787
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.117	80.503%	
%RSD		9.830	0.545	

240-17661 -a-5-b, 11/30/2012 00:50:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.897%	0.120	M 331.000
%RSD		0.511	17.590	M 0.699
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 82220.000	22490.000	436.400
%RSD		T 1.265	0.983	1.221
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2280.000	M 140700.000
%RSD		T 0.000	T 0.286	M 0.487
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.401%	47.333%	4.908
%RSD		0.166	0.969	22.110
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.277	0.659	-44.300
%RSD		23.160	11.250	1.843
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1452.000	4691.000	3.393
%RSD		TM 0.347	0.946	2.326
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.281	0.882	8.717
%RSD		4.193	3.080	2.336
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.682%	0.300	0.321
%RSD		0.332	31.520	15.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.347	M 262.100	-0.507
%RSD		8.313	M 0.853	6.002
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.007	-0.193
%RSD		0.000	58.190	1480.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.175	61.079%	0.211
%RSD		14.320	0.568	4.834
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.494	27.950	0.000
%RSD		5.949	1.050	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.890%	0.179	0.181
%RSD		0.764	6.315	1.371
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.465	79.309%	
%RSD		2.361	0.747	

240-17661 -a-6-b, 11/30/2012 00:56:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.615%	0.052	M 320.600
%RSD		0.410	25.140	M 0.659
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 80990.000	21780.000	9.585
%RSD		T 1.212	1.553	8.066
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2051.000	M 137900.000
%RSD		T 0.000	T 0.605	M 0.983
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.586%	46.485%	0.266
%RSD		0.185	1.271	17.380
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.704	-0.287	-44.000
%RSD		17.020	12.420	0.389
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1457.000	3328.000	2.893
%RSD		TM 0.042	0.930	1.531
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.823	0.220	4.239
%RSD		1.666	26.080	0.831
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.767%	0.311	0.362
%RSD		0.723	58.120	6.244
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.123	M 252.800	-0.587
%RSD		56.070	M 0.739	5.155
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.000	0.046
%RSD		0.000	916.500	987.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.115	60.349%	0.057
%RSD		9.940	0.951	19.670
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.247	24.660	0.000
%RSD		5.925	2.069	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.699%	0.147	0.141
%RSD		0.086	4.653	4.312
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.036	78.727%	
%RSD		26.560	0.589	

CCV 12 11/30/2012 01:01:39 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.841%	116.531%	110.948%
%RSD		1.102	0.274	0.186
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.455%	111.610%	106.178%
%RSD		0.268	0.692	1.467
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	110.302%	107.340%
%RSD		0.000	0.564	0.367
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.311%	52.056%	97.750%
%RSD		1.386	0.962	5.230
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.009%	97.315%	-29.750
%RSD		0.951	0.977	2.882
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		108.339%	105.240%	94.288%
%RSD		0.206	0.506	0.471
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		93.335%	93.262%	107.577%
%RSD		1.080	0.343	0.641
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.015%	94.866%	-0.482
%RSD		0.942	0.950	61.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.902%	103.119%	102.138%
%RSD		1.541	0.149	0.805
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.192%	0.140
%RSD		0.000	0.378	9875.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		103.471%	64.070%	106.329%
%RSD		0.984	0.451	1.580
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		107.698%	101.233%	0.000
%RSD		0.317	0.929	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.326%	104.655%	91.718%
%RSD		0.774	0.317	0.523
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		102.070%	80.858%	
%RSD		0.622	0.643	

CCB 12 11/30/2012 01:08:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.594%	0.134	1.336
%RSD		0.779	4.853	7.039
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		30.640	53.890	2.566
%RSD		4.684	3.248	24.420
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	52.870	82.470
%RSD		±0.000	0.316	0.445
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.809%	46.855%	-0.071
%RSD		0.580	0.534	67.060
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.601	-0.211	-39.240
%RSD		9.879	7.596	1.951
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.512	21.710	0.116
%RSD		2.503	6.354	7.683
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.111	0.131	2.200
%RSD		51.360	20.160	8.326
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.127%	-0.316	-0.135
%RSD		1.254	16.590	67.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.189	0.393	-0.183
%RSD		28.520	4.050	71.900
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.084	0.207
%RSD		0.000	5.446	931.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.106	62.127%	0.205
%RSD		27.050	0.667	16.090
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.224	0.114	0.000
%RSD		4.284	12.450	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.879%	0.725	0.374
%RSD		0.495	9.053	5.225
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.121	86.602%	
%RSD		4.808	0.513	

240-17661 -a-7-b, 11/30/2012 01:13:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.823%	0.130	41.480
%RSD		0.632	17.070	0.523
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		14870.000	19670.000	M 1161.000
%RSD		0.863	1.038	M 0.656
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±1739.000	M 104200.000
%RSD		±0.000	±0.698	M 0.417
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.617%	44.796%	17.240
%RSD		0.381	0.901	32.940
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.610	1.538	-41.850
%RSD		20.630	3.794	3.433
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		125.500	1708.000	2.938
%RSD		0.859	0.976	0.755
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.627	2.659	14.130
%RSD		0.874	4.324	3.950
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.675%	4.764	0.322
%RSD		0.588	3.450	17.550
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.258	135.600	-0.277
%RSD		51.330	0.355	26.020
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.042	-0.524
%RSD		0.000	26.760	222.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.051	59.022%	0.171
%RSD		23.720	0.456	7.996
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.152	54.970	0.000
%RSD		11.290	1.709	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.754%	0.338	0.222
%RSD		0.677	3.029	4.836
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.151	79.635%	
%RSD		0.202	0.282	

240-17661 -a-8-b, 11/30/2012 01:19:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.219%	0.108	41.480
%RSD		0.257	17.520	0.282
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		14850.000	19400.000	745.900
%RSD		0.529	0.862	1.257
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±1617.000	±103100.000
%RSD		±0.000	±0.856	±0.421
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.768%	43.624%	6.913
%RSD		0.393	0.317	19.160
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.730	0.931	-41.850
%RSD		29.130	4.750	2.567
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		122.300	1209.000	2.572
%RSD		0.350	0.268	1.884
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.024	1.762	12.760
%RSD		11.780	8.805	0.401
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		48.542%	3.826	0.432
%RSD		0.855	7.535	8.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.000	135.400	-0.298
%RSD		5352.000	0.802	34.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.020	0.330
%RSD		0.000	39.880	250.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.045	57.597%	0.258
%RSD		23.120	0.799	8.755
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.171	52.620	0.000
%RSD		6.271	0.509	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.414%	0.208	0.165
%RSD		0.804	5.447	6.996
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.706	78.695%	
%RSD		1.249	0.559	

240-17661 -a-9-b, 11/30/2012 01:25:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.035%	0.029	M 4204.000
%RSD		0.072	36.990	M 0.288
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 152100.000	27930.000	91.500
%RSD		M 0.863	0.752	0.748
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	I 25810.000	24610.000
%RSD		I 0.000	I 0.015	0.743
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.929%	45.518%	1.107
%RSD		1.053	0.804	15.860
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-26.200	M 785.900	66.140
%RSD		7.937	M 0.608	12.210
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.723	85.890	0.216
%RSD		1.793	2.222	5.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.447	1.073	1.174
%RSD		9.256	5.521	13.050
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.284%	2.061	0.117
%RSD		0.698	9.308	67.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		27.510	M 353.600	M 521.500
%RSD		3.775	M 0.834	M 1.264
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.007	64.220
%RSD		0.000	53.980	18.050
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.077	58.360%	0.051
%RSD		114.400	0.406	27.990
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.768	10.220	0.000
%RSD		0.412	4.038	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.727%	1.397	0.103
%RSD		0.647	1.333	1.897
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.127	75.868%	
%RSD		3.426	0.446	

240-17661 -b-10 -b, 11/30/2012 01:30:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.976%	0.020	M 4374.000
%RSD		0.455	45.040	M 0.965
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 160100.000	29340.000	40.360
%RSD		M 0.524	1.627	4.777
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	I 27180.000	25650.000
%RSD		I 0.000	I 0.307	0.422
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.163%	46.658%	0.377
%RSD		0.470	0.841	21.980
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-26.690	M 826.900	70.170
%RSD		5.484	M 0.317	8.516
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.783	26.850	0.219
%RSD		2.915	2.324	8.661
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.456	1.191	1.153
%RSD		8.374	3.627	7.473
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.491%	2.145	0.119
%RSD		0.215	9.312	97.090
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		28.740	M 372.400	M 554.400
%RSD		1.062	M 0.354	M 1.147
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	75.430
%RSD		0.000	14.670	9.694
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.185	59.246%	0.060
%RSD		18.630	0.227	15.310
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.863	10.450	0.000
%RSD		3.652	0.401	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.809%	1.500	0.094
%RSD		0.539	1.656	1.706
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.056	76.570%	
%RSD		14.450	0.797	

240-17781 -h-1-a, 11/30/2012 01:36:13 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.967%	0.010	115.900
%RSD		0.141	74.110	0.586
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4090.000	24190.000	14.050
%RSD		0.415	0.806	4.014
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±23540.000	87350.000
%RSD		±0.000	±0.342	0.727
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.649%	45.898%	0.526
%RSD		0.606	0.488	48.650
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.568	0.199	-42.890
%RSD		51.900	17.000	1.404
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		3.462	2.601	0.119
%RSD		0.925	33.260	3.603
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.554	0.781	4.734
%RSD		11.870	3.346	7.222
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.937%	0.111	0.305
%RSD		0.333	48.730	22.730
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.782	103.400	7.313
%RSD		14.790	1.474	16.790
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	2.187
%RSD		0.000	51.320	105.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.530	60.179%	0.055
%RSD		4.204	0.336	24.010
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.096	19.830	0.000
%RSD		20.850	1.929	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.827%	0.105	0.068
%RSD		0.789	22.800	13.510
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.092	81.104%	
%RSD		6.552	1.057	

240-17781 -h-2-a, 11/30/2012 01:41:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.139%	0.017	48.540
%RSD		0.735	79.980	1.513
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		41540.000	35070.000	54.080
%RSD		1.073	1.155	2.110
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	2204.000	124500.000
%RSD		0.000	0.827	0.396
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.710%	45.319%	0.653
%RSD		0.513	0.499	23.210
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.471	1.203	-40.180
%RSD		47.400	2.876	2.025
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		275.400	778.200	1.594
%RSD		0.622	0.889	1.581
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.674	1.923	9.873
%RSD		6.463	8.079	2.993
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.201%	0.909	0.426
%RSD		0.512	6.318	20.420
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.028	114.300	2.403
%RSD		407.500	0.470	10.740
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.011	1.052
%RSD		0.000	33.560	481.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.572	58.589%	0.409
%RSD		10.860	0.130	0.244
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.313	50.940	0.000
%RSD		3.191	0.331	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.831%	0.253	0.074
%RSD		0.387	3.140	6.346
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.377	77.329%	
%RSD		1.172	0.092	

240-17781 -h-3-a, 11/30/2012 01:47:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.275%	0.053	M 289.400
%RSD		0.496	30.470	M 0.407
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 28200.000	32690.000	190.000
%RSD		T 0.403	1.900	1.549
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 2202.000	M 124100.000
%RSD		T 0.000	T 0.456	M 0.407
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.095%	43.726%	1.427
%RSD		0.102	0.568	3.999
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.067	0.938	-39.990
%RSD		495.300	9.913	1.787
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		69.800	1406.000	0.222
%RSD		0.809	0.527	13.170
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.484	0.638	9.389
%RSD		5.217	2.215	2.742
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		48.284%	1.524	0.408
%RSD		0.605	9.996	27.410
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.048	101.900	0.711
%RSD		99.170	0.488	1.738
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	0.813
%RSD		0.000	442.200	787.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.303	57.560%	0.150
%RSD		15.190	0.633	7.032
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.106	90.920	0.000
%RSD		17.080	0.604	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.860%	0.661	0.060
%RSD		0.816	1.194	5.641
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.300	77.410%	
%RSD		0.673	0.170	

240-17781 -h-4-a, 11/30/2012 01:52:51 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.416%	0.371	18.280
%RSD		0.419	6.122	2.578
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2194.000	16440.000	M 3081.000
%RSD		0.371	1.352	M 0.638
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±3927.000	65740.000
%RSD		±0.000	±0.248	0.283
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.525%	44.093%	21.560
%RSD		0.735	1.046	18.080
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		3.095	4.894	-41.230
%RSD		10.260	1.052	0.539
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		257.700	±15990.000	3.652
%RSD		0.316	±0.939	0.845
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		7.603	2.820	28.630
%RSD		2.425	3.336	0.630
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		48.960%	141.700	0.323
%RSD		0.180	0.831	6.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.189	123.400	47.770
%RSD		48.800	1.039	1.257
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.009	-1.078
%RSD		0.000	41.690	83.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.852	58.030%	0.405
%RSD		7.930	0.679	13.440
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.069	61.970	0.000
%RSD		6.050	2.285	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.004%	0.828	0.112
%RSD		0.586	1.694	3.115
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		10.890	79.891%	
%RSD		0.396	0.653	

240-17781 -h-5-a, 11/30/2012 01:58:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		42.616%	0.019	M 841.400
%RSD		0.371	121.100	M 0.931
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 292200.000	1631.000	21.530
%RSD		TM 0.911	2.110	0.663
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	TM 682500.000	3940.000
%RSD		I 0.000	TM 0.646	0.494
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.611%	49.572%	0.292
%RSD		1.048	1.146	43.410
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.621	5.538	-45.520
%RSD		12.750	1.403	0.677
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.817	145.300	0.443
%RSD		1.269	0.796	1.576
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		3.617	4.024	4.658
%RSD		4.751	6.036	6.273
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.195%	2.186	0.189
%RSD		0.915	3.490	41.580
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.403	181.600	3.535
%RSD		7.370	0.343	1.337
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	-0.187
%RSD		0.000	79.430	238.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.088	60.757%	0.162
%RSD		38.610	1.598	16.640
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.194	109.800	0.000
%RSD		4.536	0.859	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.356%	1.044	0.045
%RSD		0.892	3.666	8.139
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.177	70.639%	
%RSD		4.992	1.058	

240-17781 -h-6-a, 11/30/2012 02:03:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.672%	0.035	30.310
%RSD		0.716	51.400	1.302
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2772.000	19760.000	64.170
%RSD		0.317	0.564	4.317
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	1718.000	72890.000
%RSD		0.000	0.344	0.483
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.766%	53.003%	1.044
%RSD		0.081	0.682	36.620
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.583	1.072	-38.470
%RSD		16.750	2.790	1.134
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		33.700	403.800	0.291
%RSD		0.556	0.688	4.719
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.456	0.800	8.579
%RSD		14.820	3.441	2.967
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		57.550%	3.617	0.335
%RSD		0.376	5.821	23.320
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.016	61.190	0.913
%RSD		236.400	0.675	13.030
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	2.301
%RSD		0.000	65.010	65.430
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.274	67.066%	0.225
%RSD		6.773	1.104	16.760
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.878	35.840	0.000
%RSD		10.330	1.355	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		82.364%	0.086	0.030
%RSD		0.240	10.650	11.920
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.281	87.288%	
%RSD		1.089	0.424	

CCV 13 11/30/2012 02:09:28 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.097%	118.118%	111.787%
%RSD		0.765	0.784	0.663
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.492%	112.241%	107.341%
%RSD		1.084	1.147	2.120
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		100.000	109.211%	107.549%
%RSD		0.000	0.567	0.086
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.765%	52.789%	100.038%
%RSD		0.612	1.230	4.526
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.736%	96.685%	-29.730
%RSD		1.114	0.744	4.793
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		108.293%	105.931%	93.667%
%RSD		0.118	0.639	1.007
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.354%	91.855%	105.393%
%RSD		0.301	0.219	1.833
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.960%	94.526%	-0.591
%RSD		1.059	0.602	38.080
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		102.725%	103.447%	101.456%
%RSD		2.341	0.543	1.085
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.303%	50.110
%RSD		0.000	0.262	71.420
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		104.560%	64.913%	105.972%
%RSD		0.999	0.170	0.530
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		108.306%	100.977%	0.000
%RSD		0.884	0.636	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.276%	103.299%	90.923%
%RSD		1.059	0.226	0.196
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.310%	81.737%	
%RSD		0.288	0.669	

CCB 13 11/30/2012 02:16:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.878%	0.168	2.011
%RSD		0.851	11.160	8.633
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		39.400	65.830	3.186
%RSD		2.643	2.431	34.180
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	67.070	99.330
%RSD		±0.000	2.124	6.471
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.042%	48.855%	0.216
%RSD		0.802	0.281	76.640
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.439	-0.176	-40.030
%RSD		63.730	8.233	2.458
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.618	23.830	0.125
%RSD		1.663	3.086	2.868
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.081	0.121	2.533
%RSD		37.880	39.900	17.720
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		54.148%	-0.162	-0.110
%RSD		1.213	52.440	67.580
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.132	0.453	0.061
%RSD		16.220	2.244	145.400
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.085	-0.902
%RSD		0.000	11.950	182.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.145	63.734%	0.206
%RSD		25.060	0.428	24.530
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.174	0.179	0.000
%RSD		16.380	17.590	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.631%	0.767	0.348
%RSD		0.278	12.470	7.775
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.124	88.031%	
%RSD		6.612	0.571	

240-17781 -h-7-a, 11/30/2012 02:21:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.088%	0.032	M 478.600
%RSD		0.750	7.286	M 1.183
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 31590.000	31310.000	46.160
%RSD		T 0.508	0.475	1.205
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 8241.000	M 100800.000
%RSD		T 0.000	T 1.003	M 0.340
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.698%	46.015%	0.158
%RSD		0.417	0.226	81.780
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.783	0.281	-39.740
%RSD		30.150	9.233	2.082
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		60.230	914.900	0.159
%RSD		0.604	2.044	2.049
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.260	0.299	3.113
%RSD		16.870	15.110	9.953
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.492%	0.604	0.279
%RSD		0.762	12.340	19.350
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.071	140.100	0.040
%RSD		157.500	0.834	167.100
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.013	-0.563
%RSD		0.000	4.108	114.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.021	60.214%	0.108
%RSD		83.980	0.612	10.840
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.126	156.100	0.000
%RSD		15.480	1.140	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.926%	0.238	0.140
%RSD		0.437	6.239	7.760
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.137	79.329%	
%RSD		3.473	0.811	

240-17781 -h-8-a, 11/30/2012 02:27:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.367%	0.020	40.070
%RSD		0.417	19.340	1.058
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		27810.000	33850.000	12.210
%RSD		0.548	0.720	4.127
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	2600.000	116000.000
%RSD		0.000	0.243	0.226
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.966%	44.949%	0.196
%RSD		0.525	0.406	111.600
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.511	-0.005	-40.310
%RSD		22.820	194.800	1.260
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		57.540	796.600	0.048
%RSD		0.144	0.667	35.490
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.032	0.323	3.600
%RSD		10.170	19.500	3.554
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.322%	2.271	0.305
%RSD		0.252	7.335	10.970
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.070	100.800	0.130
%RSD		47.940	0.624	73.290
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.128
%RSD		0.000	59.410	1311.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.097	59.054%	0.112
%RSD		12.240	0.382	29.920
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.064	93.470	0.000
%RSD		18.810	0.203	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.832%	0.289	0.085
%RSD		0.137	6.404	7.105
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.020	78.549%	
%RSD		23.040	0.469	

240-17781 -h-9-a, 11/30/2012 02:32:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.810%	0.089	107.200
%RSD		0.570	15.870	1.292
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		31040.000	28840.000	636.100
%RSD		1.017	0.551	1.308
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4811.000	94350.000
%RSD		0.000	0.631	0.159
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.352%	43.811%	7.698
%RSD		0.775	0.832	11.410
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.241	0.183	-39.900
%RSD		49.840	15.180	0.776
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		125.900	2432.000	0.179
%RSD		0.093	0.464	7.467
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.222	1.794	20.190
%RSD		3.500	7.823	1.184
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		47.946%	0.643	0.333
%RSD		0.398	34.310	26.050
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.110	160.100	0.816
%RSD		66.860	0.513	9.791
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.008	1.988
%RSD		0.000	65.540	74.550
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.235	57.786%	0.239
%RSD		19.870	0.405	3.022
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.077	103.900	0.000
%RSD		32.730	0.353	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.706%	0.096	0.070
%RSD		0.443	2.989	11.370
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.515	77.693%	
%RSD		1.083	0.241	

240-17781 -h-10 -a, 11/30/2012 02:38:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.724%	0.016	44.110
%RSD		0.672	21.510	1.361
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>TM 100500.000</u>	25560.000	6.047
%RSD		<u>TM 1.301</u>	0.543	11.140
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>r 0.000</u>	<u>r 2410.000</u>	<u>M 100500.000</u>
%RSD		<u>r 0.000</u>	<u>r 0.262</u>	<u>M 0.336</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.001%	42.400%	0.373
%RSD		0.566	1.058	28.020
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.717	-0.260	-40.810
%RSD		29.810	11.130	0.431
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>r 500.600</u>	472.800	0.283
%RSD		<u>r 0.301</u>	0.764	4.603
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.985	0.358	4.333
%RSD		5.254	5.701	5.800
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		46.501%	0.468	0.322
%RSD		0.214	13.050	21.770
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.009	130.200	0.016
%RSD		151.700	0.151	331.600
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	1.617
%RSD		0.000	83.930	59.150
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.197	56.148%	0.028
%RSD		9.475	0.192	57.150
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.059	64.560	0.000
%RSD		45.170	0.553	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.917%	0.062	0.080
%RSD		0.131	10.440	3.331
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.074	74.403%	
%RSD		8.080	0.471	

mb 240-66413/1-a, 11/30/2012 02:43:43 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		48.656%	0.002	1.156
%RSD		0.585	231.600	4.860
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		24.720	27.100	4.055
%RSD		7.799	12.270	12.560
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	44.090	210.600
%RSD		0.000	0.194	2.194
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.793%	41.733%	-0.022
%RSD		0.242	0.563	853.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.634	0.248	-42.180
%RSD		9.213	18.160	0.981
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.603	18.450	0.011
%RSD		6.214	2.332	46.840
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.320	0.297	9.444
%RSD		29.790	5.282	1.696
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		46.382%	-0.417	0.344
%RSD		0.290	31.350	17.070
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.002	0.290	-0.751
%RSD		453.100	3.270	3.176
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	0.162
%RSD		0.000	189.300	504.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.007	56.407%	21.600
%RSD		196.100	0.293	0.856
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.019	1.327	0.000
%RSD		10.630	7.069	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.367%	0.060	0.049
%RSD		0.462	6.670	11.140
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.101	81.965%	
%RSD		1.181	0.778	

Ics 240-66413/3-a, 11/30/2012 02:49:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.700%	M 1055.000	93.970
%RSD		0.749	M 1.019	0.451
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7977.000	9830.000	M 9063.000
%RSD		0.822	0.509	M 0.230
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 9536.000	9486.000
%RSD		0.000	T 0.585	0.721
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		55.880%	41.341%	84.760
%RSD		0.881	0.506	4.054
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 819.100	M 843.800	61.920
%RSD		M 0.530	M 0.461	15.290
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 976.900	T 9046.000	M 804.300
%RSD		T 0.457	T 1.187	M 0.239
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 793.400	M 801.100	M 898.900
%RSD		M 1.037	M 1.246	M 1.279
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		45.696%	M 789.600	-4.798
%RSD		0.673	M 1.419	9.706
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 853.400	M 855.600	82.980
%RSD		M 1.747	M 0.682	2.023
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	89.050	376.400
%RSD		0.000	0.726	22.150
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 907.700	55.871%	104.700
%RSD		M 0.669	0.293	0.456
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		92.260	M 869.200	0.000
%RSD		1.158	M 0.482	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.884%	82.980	TM 213.600
%RSD		0.482	1.532	TM 0.648
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 937.100	79.674%	
%RSD		TM 0.824	0.683	

240-17988 -f-1-a, 11/30/2012 02:56:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.853%	0.889	20.090
%RSD		0.359	1.990	2.327
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		769.400	89150.000	<u>M</u> 12700.000
%RSD		0.222	0.223	<u>M</u> 0.339
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 2156.000	<u>TM</u> 401400.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.403	<u>TM</u> 0.477
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 63.424%	42.122%	<u>M</u> 915.100
%RSD		<u>T</u> 0.920	1.059	<u>M</u> 1.769
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		63.960	63.930	-42.420
%RSD		0.554	0.491	0.305
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1208.000	<u>TM</u> 52580.000	19.710
%RSD		<u>TM</u> 0.326	<u>TM</u> 1.130	1.016
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		52.520	54.200	<u>M</u> 261.300
%RSD		1.941	1.445	<u>M</u> 0.407
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		43.171%	29.580	0.514
%RSD		0.420	1.842	11.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.511	<u>M</u> 351.300	13.100
%RSD		17.290	<u>M</u> 0.917	0.724
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.060	-14.270
%RSD		0.000	9.207	37.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.376	55.287%	10.840
%RSD		6.949	0.905	2.657
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.196	60.080	0.000
%RSD		4.498	1.272	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.546%	0.981	1.505
%RSD		1.296	11.070	1.666
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		31.070	70.994%	
%RSD		0.508	0.660	

SD 240-17988 -f-1-a@5, 11/30/2012 03:02:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.513%	0.221	4.800
%RSD		0.274	20.740	4.294
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		167.100	20380.000	M 2845.000
%RSD		1.810	0.473	M 0.252
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	513.000	86620.000
%RSD		10.000	0.655	0.215
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.561%	42.187%	M 195.400
%RSD		0.546	0.615	M 2.181
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		13.380	13.720	-45.180
%RSD		4.047	0.668	3.308
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		262.900	T 10920.000	4.375
%RSD		0.568	10.726	1.011
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		11.510	12.690	64.790
%RSD		2.864	3.439	2.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		46.168%	6.492	0.116
%RSD		0.246	1.638	52.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.436	71.720	2.123
%RSD		30.350	0.632	5.160
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.036	-4.858
%RSD		0.000	11.780	101.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.474	56.624%	2.370
%RSD		10.160	0.278	1.659
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.328	12.760	0.000
%RSD		3.953	1.044	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		72.475%	0.260	0.416
%RSD		0.252	4.948	5.755
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		6.539	78.835%	
%RSD		0.793	0.376	

240-17988 -f-1-d.ms, 11/30/2012 03:07:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		40.866%	M 1023.000	107.800
%RSD		0.965	M 1.066	0.952
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8318.000	M 99470.000	M 24570.000
%RSD		0.543	M 1.136	M 0.119
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 11130.000	TM 433600.000
%RSD		0.000	T 6.753	TM 6.686
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 56.166%	39.676%	M 1540.000
%RSD		T 5.687	1.036	M 0.649
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 891.100	M 897.800	67.100
%RSD		M 0.872	M 0.390	10.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 2254.000	TM 81140.000	M 786.100
%RSD		TM 6.340	TM 1.141	M 0.454
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 787.000	M 782.000	M 1187.000
%RSD		M 0.893	M 0.458	M 0.717
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.496%	M 854.900	-4.404
%RSD		1.639	M 0.806	10.450
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 876.300	M 1226.000	89.420
%RSD		M 1.156	M 0.214	2.310
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	79.990	502.500
%RSD		0.000	0.712	44.340
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 886.900	53.431%	91.390
%RSD		M 0.837	1.091	1.703
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		38.670	M 914.100	0.000
%RSD		1.544	M 0.314	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		72.201%	60.770	TM 218.900
%RSD		1.482	2.435	TM 0.722
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 985.100	71.747%	
%RSD		TM 1.029	0.713	

240-17988 -f-1-e msd, 11/30/2012 03:14:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		44.075%	<u>M 933.000</u>	107.100
%RSD		0.233	<u>M 0.447</u>	0.513
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8506.000	95010.000	<u>M 21400.000</u>
%RSD		0.590	0.588	<u>M 0.393</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 9945.000</u>	<u>TM 407900.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.455</u>	<u>TM 0.058</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T 61.745%</u>	42.162%	<u>M 1088.000</u>
%RSD		<u>T 0.620</u>	1.540	<u>M 0.796</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 893.900</u>	<u>M 934.300</u>	77.940
%RSD		<u>M 0.208</u>	<u>M 0.444</u>	3.728
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 2087.000</u>	<u>TM 68780.000</u>	<u>M 806.800</u>
%RSD		<u>TM 0.282</u>	<u>TM 0.760</u>	<u>M 0.144</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 801.900</u>	<u>M 799.500</u>	<u>M 1046.000</u>
%RSD		<u>M 0.805</u>	<u>M 0.807</u>	<u>M 0.694</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		44.090%	<u>M 783.300</u>	-3.898
%RSD		1.687	<u>M 1.257</u>	14.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M 748.300</u>	<u>M 1238.000</u>	107.700
%RSD		<u>M 1.076</u>	<u>M 0.304</u>	0.903
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	81.690	466.500
%RSD		0.000	0.602	28.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M 832.600</u>	56.330%	96.470
%RSD		<u>M 0.175</u>	1.275	0.211
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		57.750	<u>M 919.800</u>	0.000
%RSD		0.270	<u>M 1.013</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.899%	81.330	<u>TM 228.700</u>
%RSD		1.627	0.754	<u>TM 0.215</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 1014.000</u>	72.725%	
%RSD		<u>TM 0.088</u>	1.078	

CCV 14 11/30/2012 03:22:10 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.133%	120.172%	112.438%
%RSD		0.957	0.616	1.732
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.022%	113.684%	109.016%
%RSD		1.153	0.959	0.892
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	107.391%	107.024%
%RSD		0.000	0.829	0.657
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		60.312%	44.833%	101.024%
%RSD		0.446	1.733	1.700
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.377%	98.701%	-33.910
%RSD		0.385	0.721	5.533
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		109.778%	106.027%	94.642%
%RSD		0.503	0.433	0.753
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.667%	93.019%	107.895%
%RSD		0.664	1.269	1.298
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.191%	94.320%	-0.615
%RSD		0.833	0.701	44.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.245%	104.316%	102.286%
%RSD		0.165	0.860	0.915
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.086%	23.990
%RSD		0.000	1.295	201.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		104.559%	59.279%	105.178%
%RSD		1.323	0.809	0.216
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		107.998%	100.267%	0.000
%RSD		0.406	0.441	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.624%	104.402%	91.368%
%RSD		0.740	0.541	0.130
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.507%	78.888%	
%RSD		0.804	0.281	

CCB 14 11/30/2012 03:29:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.522%	0.207	0.937
%RSD		0.797	11.290	7.104
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		69.130	126.100	7.959
%RSD		13.330	18.270	15.750
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	67.410	98.560
%RSD		±0.000	0.377	1.489
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.624%	42.331%	0.557
%RSD		1.345	0.711	37.270
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.297	0.051	-44.130
%RSD		46.930	71.650	1.255
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.729	48.810	0.329
%RSD		2.298	10.060	21.640
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.344	0.395	2.940
%RSD		38.950	24.300	4.405
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		47.919%	-0.082	-0.164
%RSD		0.339	52.720	17.430
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.574	0.722	0.070
%RSD		10.450	18.770	168.500
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.164	-0.904
%RSD		0.000	15.020	177.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.373	58.151%	0.326
%RSD		17.740	0.415	4.600
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.367	0.380	0.000
%RSD		6.568	13.800	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		72.434%	0.912	0.549
%RSD		0.587	3.343	1.109
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.362	83.526%	
%RSD		21.930	0.151	

240-17988 -f-2-a, 11/30/2012 03:34:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		43.764%	1.034	23.650
%RSD		0.492	4.342	1.649
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		475.300	76210.000	<u>M</u> 15260.000
%RSD		1.116	0.405	<u>M</u> 1.196
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 2798.000	<u>TM</u> 415900.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.477	<u>TM</u> 0.446
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 61.133%	40.934%	<u>M</u> 807.000
%RSD		<u>T</u> 0.640	1.310	<u>M</u> 2.485
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		62.450	44.130	-46.760
%RSD		0.263	1.103	1.991
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1297.000	<u>TM</u> 51410.000	20.390
%RSD		<u>TM</u> 0.253	<u>TM</u> 0.787	2.182
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		51.750	49.870	<u>M</u> 198.700
%RSD		1.343	0.358	<u>M</u> 1.171
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.239%	26.130	0.573
%RSD		0.987	2.127	16.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.000	<u>M</u> 374.200	14.230
%RSD		10.740	<u>M</u> 0.358	0.642
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.077	-21.520
%RSD		0.000	16.840	41.420
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.045	54.756%	12.790
%RSD		9.190	0.829	1.737
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.740	86.160	0.000
%RSD		3.266	0.890	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.204%	0.668	1.291
%RSD		1.349	4.755	1.822
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		31.690	71.133%	
%RSD		0.920	0.612	

240-17988 -f-3-a, 11/30/2012 03:40:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		41.638%	1.497	26.260
%RSD		0.517	3.879	1.177
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		559.800	76270.000	<u>M</u> 15740.000
%RSD		0.590	0.569	<u>M</u> 0.309
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 3025.000	<u>TM</u> 461100.000
%RSD		0.000	<u>T</u> 0.064	<u>TM</u> 0.052
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 58.791%	38.766%	<u>M</u> 650.000
%RSD		<u>T</u> 0.793	0.869	<u>M</u> 2.113
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		31.850	<u>M</u> 1249.000	112.500
%RSD		7.426	<u>M</u> 0.221	8.021
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1880.000	<u>TM</u> 69000.000	28.460
%RSD		<u>TM</u> 0.239	<u>TM</u> 0.675	0.622
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 1447.000	70.350	<u>M</u> 262.500
%RSD		<u>M</u> 0.343	1.269	<u>M</u> 1.999
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		40.232%	43.740	0.546
%RSD		1.586	1.315	11.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.360	<u>M</u> 396.900	31.860
%RSD		16.080	<u>M</u> 1.039	0.450
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.095	-25.370
%RSD		0.000	18.130	65.130
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.300	52.493%	8.710
%RSD		11.300	1.123	0.745
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.013	64.310	0.000
%RSD		1.387	0.902	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		71.223%	0.375	2.248
%RSD		1.235	3.530	0.552
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		48.160	69.517%	
%RSD		0.796	0.481	

240-17988 -f-4-a, 11/30/2012 03:45:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		44.992%	1.074	22.370
%RSD		0.770	1.120	1.761
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		527.100	54960.000	M 14040.000
%RSD		0.816	0.834	M 0.054
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 3156.000	M 311700.000
%RSD		T 0.000	T 0.550	M 0.355
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		55.111%	41.048%	M 706.800
%RSD		1.023	0.225	M 1.020
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		60.910	103.400	-36.050
%RSD		1.346	0.751	1.006
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		M 1179.000	T 49090.000	17.980
%RSD		M 0.587	T 0.346	1.427
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		53.840	56.380	182.100
%RSD		0.949	2.186	0.493
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		43.196%	29.960	0.518
%RSD		0.938	1.392	34.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.257	M 281.000	17.280
%RSD		25.770	M 0.620	1.474
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.083	-24.860
%RSD		0.000	13.070	15.060
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.948	55.359%	13.370
%RSD		7.162	0.851	1.062
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.799	53.970	0.000
%RSD		4.848	1.234	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		74.602%	0.470	1.261
%RSD		0.832	3.775	1.751
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		32.370	73.283%	
%RSD		0.576	0.930	

240-17966 -b-21 -a, 11/30/2012 03:51:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		44.589%	7.580	85.350
%RSD		0.502	2.686	1.311
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		314.600	29670.000	<u>TM 97320.000</u>
%RSD		0.291	1.299	<u>TM 0.734</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 18510.000</u>	78610.000
%RSD		<u>TM 0.000</u>	<u>TM 0.668</u>	0.440
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.550%	46.282%	<u>M 342.300</u>
%RSD		0.246	2.292	<u>M 1.910</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		144.800	120.600	-37.620
%RSD		1.009	0.780	8.650
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8686.000</u>	<u>TM 196800.000</u>	76.700
%RSD		<u>TM 0.220</u>	<u>TM 0.929</u>	0.327
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		160.000	<u>M 221.900</u>	<u>M 720.600</u>
%RSD		0.750	<u>M 0.792</u>	<u>M 0.357</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.295%	41.000	0.832
%RSD		1.644	2.259	11.990
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.774	<u>M 277.900</u>	4.128
%RSD		2.083	<u>M 0.287</u>	2.798
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.405	-74.140
%RSD		0.000	4.454	8.738
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.339	60.334%	23.750
%RSD		5.497	1.677	1.642
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		18.190	<u>M 749.000</u>	0.000
%RSD		0.267	<u>M 0.050</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.473%	0.640	1.265
%RSD		1.599	3.666	1.462
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 1496.000</u>	88.390%	
%RSD		<u>TM 1.314</u>	0.778	

240-17966 -b-22 -a, 11/30/2012 03:57:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.692%	10.490	85.300
%RSD		0.695	3.885	1.686
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		499.100	43880.000	<u>TM</u> 150700.000
%RSD		1.842	1.193	<u>TM</u> 1.141
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>†</u> 0.000	<u>†</u> 27960.000	89660.000
%RSD		<u>†</u> 0.000	<u>†</u> 0.260	0.417
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.622%	53.320%	<u>M</u> 551.100
%RSD		0.559	1.393	<u>M</u> 0.201
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 212.500	169.300	-23.230
%RSD		<u>M</u> 1.624	1.215	2.040
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 10990.000	<u>TM</u> 276100.000	103.100
%RSD		<u>TM</u> 0.287	<u>TM</u> 0.710	0.862
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 204.700	163.500	<u>M</u> 695.800
%RSD		<u>M</u> 1.248	0.206	<u>M</u> 0.543
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.521%	50.750	0.986
%RSD		1.647	1.017	4.739
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.874	<u>M</u> 360.700	3.754
%RSD		9.117	<u>M</u> 0.620	3.926
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.309	-73.360
%RSD		0.000	4.521	14.770
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.604	66.098%	17.620
%RSD		1.126	1.213	0.943
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		12.180	<u>M</u> 887.000	0.000
%RSD		1.078	<u>M</u> 0.492	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.408%	0.446	1.327
%RSD		0.904	5.513	0.879
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 736.600	92.263%	
%RSD		<u>TM</u> 0.539	0.702	

240-17966 -b-23 -a, 11/30/2012 04:02:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.087%	9.855	71.730
%RSD		1.339	1.810	1.254
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		667.900	51760.000	<u>TM</u> 152000.000
%RSD		0.503	1.472	<u>TM</u> 0.667
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 22100.000	98920.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.867	0.352
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.118%	60.557%	<u>M</u> 548.900
%RSD		0.900	0.599	<u>M</u> 1.302
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 230.700	179.400	-19.610
%RSD		<u>M</u> 0.218	0.145	10.120
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11180.000	<u>TM</u> 358400.000	120.500
%RSD		<u>TM</u> 0.553	<u>TM</u> 0.431	0.333
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 239.100	140.800	<u>M</u> 563.200
%RSD		<u>M</u> 0.697	0.749	<u>M</u> 0.472
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.724%	49.160	0.994
%RSD		1.515	0.667	10.620
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.110	<u>M</u> 435.200	4.703
%RSD		2.385	<u>M</u> 0.558	1.488
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.288	-128.000
%RSD		0.000	6.016	18.050
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.844	70.288%	12.550
%RSD		15.660	1.644	0.841
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.826	<u>M</u> 757.900	0.000
%RSD		0.418	<u>M</u> 0.286	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		115.344%	0.358	1.459
%RSD		0.840	2.924	1.091
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		188.600	92.722%	
%RSD		0.337	1.049	

240-17966 -b-24 -a, 11/30/2012 04:08:10 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.824%	10.910	161.100
%RSD		0.649	2.943	0.798
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		686.700	66070.000	<u>TM</u> 172600.000
%RSD		1.531	0.207	<u>TM</u> 0.373
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 33740.000	<u>M</u> 228300.000
%RSD		0.000	<u>T</u> 0.603	<u>M</u> 0.249
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.644%	49.149%	<u>M</u> 308.100
%RSD		0.508	1.864	<u>M</u> 1.300
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 230.300	<u>M</u> 205.100	-25.670
%RSD		<u>M</u> 0.668	<u>M</u> 0.526	4.829
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4983.000	<u>TM</u> 307800.000	124.900
%RSD		<u>TM</u> 0.268	<u>TM</u> 0.195	0.035
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 236.300	<u>M</u> 205.100	<u>M</u> 617.300
%RSD		<u>M</u> 0.255	<u>M</u> 0.327	<u>M</u> 0.209
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.321%	20.820	0.942
%RSD		1.625	2.185	18.060
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.290	<u>M</u> 488.000	0.216
%RSD		6.971	<u>M</u> 0.385	52.240
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.123	-48.020
%RSD		0.000	13.210	22.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.324	61.698%	11.160
%RSD		7.763	0.969	1.349
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.462	<u>M</u> 438.000	0.000
%RSD		5.353	<u>M</u> 0.621	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.840%	0.180	1.091
%RSD		1.270	0.872	3.981
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		50.680	86.061%	
%RSD		0.633	1.603	

240-17970 -b-1-a, 11/30/2012 04:13:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.796%	9.874	94.510
%RSD		0.612	0.537	0.624
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		383.800	44260.000	<u>TM</u> 139900.000
%RSD		1.423	0.610	<u>TM</u> 0.211
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 29070.000	65850.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.565	0.217
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.214%	58.109%	<u>M</u> 419.700
%RSD		0.455	1.177	<u>M</u> 1.029
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		197.300	163.100	-23.760
%RSD		0.347	0.243	5.992
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 13490.000	<u>TM</u> 278400.000	108.800
%RSD		<u>TM</u> 0.102	<u>TM</u> 0.815	0.103
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 204.600	154.500	<u>M</u> 644.300
%RSD		<u>M</u> 0.305	1.553	<u>M</u> 0.839
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.749%	44.020	0.954
%RSD		0.916	0.592	23.090
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.967	<u>M</u> 259.400	4.390
%RSD		5.643	<u>M</u> 0.584	1.982
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.383	-100.600
%RSD		0.000	5.029	17.690
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.715	70.610%	15.180
%RSD		4.616	0.752	1.067
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		6.919	<u>M</u> 998.900	0.000
%RSD		1.109	<u>M</u> 0.246	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		107.488%	0.367	1.379
%RSD		1.347	2.067	0.850
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 655.800	96.101%	
%RSD		<u>TM</u> 0.334	0.752	

240-17970 -b-2-a, 11/30/2012 04:19:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.004%	12.250	96.870
%RSD		0.584	1.712	0.608
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		550.500	54260.000	<u>TM</u> 180200.000
%RSD		1.082	1.307	<u>TM</u> 0.771
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 35220.000	72830.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.509	0.583
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.464%	59.668%	<u>M</u> 569.500
%RSD		0.428	0.508	<u>M</u> 0.365
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 240.500	195.200	-15.150
%RSD		<u>M</u> 1.099	0.596	27.460
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 13890.000	<u>TM</u> 318600.000	120.100
%RSD		<u>TM</u> 0.039	<u>TM</u> 0.479	0.241
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 237.300	165.700	<u>M</u> 721.800
%RSD		<u>M</u> 0.372	0.809	<u>M</u> 0.245
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.827%	48.590	1.217
%RSD		1.767	1.342	18.770
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.416	<u>M</u> 312.000	3.958
%RSD		4.153	<u>M</u> 0.230	2.361
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.326	-81.840
%RSD		0.000	0.774	9.579
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.425	72.523%	13.030
%RSD		4.048	0.789	0.517
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.498	<u>M</u> 1056.000	0.000
%RSD		0.483	<u>M</u> 0.530	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		110.537%	0.336	1.333
%RSD		1.272	2.398	2.094
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 293.000	98.019%	
%RSD		<u>TM</u> 0.352	0.850	

240-17970 -b-3-a, 11/30/2012 04:24:50 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.954%	12.010	126.700
%RSD		0.362	1.309	0.028
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		898.000	59800.000	<u>M</u> 188900.000
%RSD		0.059	0.473	<u>M</u> 0.175
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 32170.000	<u>M</u> 122600.000
%RSD		<u>T</u> 0.000	<u>T</u> 1.127	<u>M</u> 0.773
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.894%	59.932%	<u>M</u> 414.600
%RSD		0.136	1.301	<u>M</u> 0.979
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 268.700	<u>M</u> 210.300	-21.690
%RSD		<u>M</u> 0.088	<u>M</u> 0.176	12.950
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>M</u> 11700.000	<u>M</u> 372800.000	120.600
%RSD		<u>M</u> 0.816	<u>M</u> 0.369	0.757
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 251.200	163.800	<u>M</u> 698.300
%RSD		<u>M</u> 0.062	0.597	<u>M</u> 0.606
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.843%	56.150	1.182
%RSD		1.304	1.256	8.084
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.456	<u>M</u> 562.500	5.693
%RSD		8.094	<u>M</u> 0.751	2.283
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.320	-116.700
%RSD		0.000	4.680	16.830
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.945	70.930%	12.070
%RSD		3.015	1.014	1.766
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.512	<u>M</u> 883.600	0.000
%RSD		3.856	<u>M</u> 0.492	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		112.914%	0.283	1.496
%RSD		1.094	6.681	1.310
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		142.000	95.305%	
%RSD		0.246	0.974	

CCV 15 11/30/2012 04:30:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.403%	113.968%	107.543%
%RSD		0.096	0.563	0.216
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.590%	112.784%	107.304%
%RSD		0.695	0.785	0.697
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	113.245%	107.460%
%RSD		0.000	0.905	0.386
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.821%	52.090%	101.640%
%RSD		0.773	0.691	3.036
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.083%	96.922%	-34.780
%RSD		0.459	1.043	2.740
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		111.168%	108.672%	93.969%
%RSD		0.246	0.439	1.049
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		92.384%	92.442%	106.587%
%RSD		1.094	0.763	0.277
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.198%	94.630%	-0.739
%RSD		1.272	0.162	16.710
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		102.414%	103.390%	100.801%
%RSD		1.488	0.082	0.202
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.846%	73.190
%RSD		0.000	0.820	34.870
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.755%	66.860%	104.299%
%RSD		1.234	0.561	1.165
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.715%	99.947%	0.000
%RSD		1.691	0.489	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.173%	103.667%	91.452%
%RSD		0.956	0.747	0.594
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.978%	88.106%	
%RSD		0.312	0.992	

CCB 15 11/30/2012 04:36:57 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.171%	0.218	0.967
%RSD		1.077	5.102	1.440
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		50.270	81.980	11.370
%RSD		3.742	5.257	36.080
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	76.230	123.700
%RSD		±0.000	0.849	4.413
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.800%	47.993%	0.521
%RSD		0.574	0.752	70.750
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.382	-0.173	-47.070
%RSD		40.370	17.620	1.666
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.134	52.190	0.182
%RSD		2.601	11.260	13.680
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.220	0.210	2.521
%RSD		7.848	40.970	6.849
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.987%	-0.349	-0.139
%RSD		0.748	50.510	13.050
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.145	0.519	-0.005
%RSD		111.200	5.017	840.500
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.112	1.285
%RSD		0.000	1.335	156.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.185	64.566%	0.228
%RSD		7.846	0.398	14.170
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.228	0.235	0.000
%RSD		15.740	18.010	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.843%	0.836	0.374
%RSD		0.704	11.220	3.919
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.189	93.260%	
%RSD		8.240	0.504	

240-17970 -b-4-a, 11/30/2012 04:42:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.992%	8.720	79.610
%RSD		0.088	0.422	0.742
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		720.600	50900.000	<u>TM</u> 143700.000
%RSD		0.582	0.313	<u>TM</u> 0.362
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 20680.000	98810.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.395	0.628
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.215%	60.143%	<u>M</u> 505.200
%RSD		0.990	2.114	<u>M</u> 1.340
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 213.300	165.900	-23.150
%RSD		<u>M</u> 0.703	0.204	10.430
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8342.000	<u>TM</u> 316100.000	105.900
%RSD		<u>TM</u> 0.352	<u>TM</u> 0.525	0.530
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 216.100	141.500	<u>M</u> 533.100
%RSD		<u>M</u> 0.960	0.488	<u>M</u> 0.431
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.477%	44.280	1.067
%RSD		2.034	0.926	3.837
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.566	<u>M</u> 441.200	4.754
%RSD		9.537	<u>M</u> 0.751	1.480
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.247	-100.800
%RSD		0.000	4.705	6.120
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.757	71.111%	11.960
%RSD		4.095	1.824	1.239
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.208	<u>M</u> 649.000	0.000
%RSD		8.069	<u>M</u> 0.021	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		109.706%	0.489	1.356
%RSD		2.183	2.658	2.949
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		124.900	94.153%	
%RSD		0.216	1.738	

240-17970 -b-5-a, 11/30/2012 04:48:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		66.384%	7.477	60.910
%RSD		0.462	0.450	1.351
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		267.000	41310.000	<u>TM</u> 112200.000
%RSD		1.440	1.103	<u>TM</u> 0.715
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 19010.000	50690.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 6.899	7.648
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>TM</u> 85.616%	65.201%	<u>M</u> 518.700
%RSD		<u>TM</u> 7.768	1.353	<u>M</u> 0.545
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		168.200	144.600	-23.540
%RSD		0.562	0.280	13.240
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9169.000	<u>TM</u> 265300.000	106.600
%RSD		<u>TM</u> 7.680	<u>TM</u> 0.294	0.545
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		193.800	179.400	<u>M</u> 643.400
%RSD		0.719	0.445	<u>M</u> 0.242
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.504%	37.170	0.802
%RSD		1.396	0.786	10.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.667	<u>M</u> 234.000	2.885
%RSD		7.071	<u>M</u> 1.068	4.808
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.333	-93.530
%RSD		0.000	4.126	7.577
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.468	76.376%	18.410
%RSD		4.436	1.024	2.886
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		6.458	<u>M</u> 663.300	0.000
%RSD		0.520	<u>M</u> 0.954	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		113.652%	0.483	1.213
%RSD		1.075	3.129	1.642
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 860.500	101.820%	
%RSD		<u>TM</u> 0.067	0.974	

240-17970 -b-6-a, 11/30/2012 04:53:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.964%	7.310	62.810
%RSD		0.549	1.061	1.155
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		263.300	40200.000	<u>TM</u> 108600.000
%RSD		0.706	0.899	<u>TM</u> 0.592
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 20810.000	67740.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.083	0.455
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.634%	63.566%	<u>M</u> 482.100
%RSD		0.498	1.055	<u>M</u> 2.134
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		167.700	143.900	-27.970
%RSD		0.558	0.707	13.710
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9862.000	<u>TM</u> 262400.000	104.900
%RSD		<u>TM</u> 0.312	<u>TM</u> 0.236	0.213
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		187.500	186.200	<u>M</u> 680.100
%RSD		0.823	0.579	<u>M</u> 0.200
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.403%	38.930	1.081
%RSD		1.127	0.390	9.547
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.617	<u>M</u> 255.400	3.055
%RSD		2.289	<u>M</u> 0.205	6.140
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.345	-81.060
%RSD		0.000	10.990	24.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.699	75.589%	19.550
%RSD		9.827	0.888	1.398
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		7.241	<u>M</u> 662.700	0.000
%RSD		1.183	<u>M</u> 0.648	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		112.655%	0.525	1.189
%RSD		0.811	0.958	1.850
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1022.000	101.218%	
%RSD		<u>TM</u> 0.267	0.919	

240-17970 -b-7-a, 11/30/2012 04:59:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.733%	9.558	85.860
%RSD		1.110	2.443	0.826
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		403.000	47120.000	<u>TM</u> 146800.000
%RSD		0.342	0.764	<u>TM</u> 0.288
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 28960.000	47930.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 7.480	6.996
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>TM</u> 81.110%	62.077%	<u>M</u> 466.600
%RSD		<u>TM</u> 6.807	1.251	<u>M</u> 1.274
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		193.000	168.100	-19.590
%RSD		0.662	0.412	12.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9027.000	<u>TM</u> 271700.000	106.700
%RSD		<u>TM</u> 7.290	<u>TM</u> 0.962	0.252
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 200.500	134.700	<u>M</u> 592.200
%RSD		<u>M</u> 0.759	0.752	<u>M</u> 0.422
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.562%	34.250	1.020
%RSD		2.391	1.272	5.551
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.521	<u>M</u> 224.800	1.769
%RSD		4.934	<u>M</u> 0.385	1.143
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.232	-74.570
%RSD		0.000	3.697	11.460
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.809	75.347%	10.910
%RSD		4.142	1.557	0.407
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.901	<u>M</u> 599.300	0.000
%RSD		1.986	<u>M</u> 0.150	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		110.595%	0.258	1.072
%RSD		1.647	4.967	1.864
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 234.600	99.134%	
%RSD		<u>TM</u> 0.470	1.666	

240-17970 -b-8-a, 11/30/2012 05:04:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.793%	7.747	56.800
%RSD		0.564	1.274	1.203
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		371.400	44540.000	<u>TM</u> 125400.000
%RSD		1.404	0.437	<u>TM</u> 0.634
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 19200.000	70150.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.516	0.137
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>TM</u> 90.479%	66.774%	<u>M</u> 547.700
%RSD		<u>TM</u> 0.135	1.085	<u>M</u> 0.990
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		186.200	150.500	-21.270
%RSD		0.098	0.481	10.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9321.000	<u>TM</u> 302200.000	112.000
%RSD		<u>TM</u> 0.279	<u>TM</u> 0.728	0.298
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 208.100	130.900	<u>M</u> 476.100
%RSD		<u>M</u> 0.881	0.455	<u>M</u> 0.377
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.827%	37.030	0.990
%RSD		0.982	0.349	14.670
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.598	<u>M</u> 319.200	2.985
%RSD		6.479	<u>M</u> 0.534	2.190
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.218	-86.450
%RSD		0.000	7.633	6.086
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.616	77.476%	13.630
%RSD		7.178	0.829	0.690
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.098	<u>M</u> 583.600	0.000
%RSD		0.520	<u>M</u> 0.640	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		118.012%	0.364	1.105
%RSD		1.614	3.337	1.010
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		123.300	99.555%	
%RSD		0.616	0.787	

AG 1000 PPB 11/30/2012 05:10:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.247%	0.008	0.613
%RSD		0.788	33.400	31.330
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-16.730	54.410	126.300
%RSD		3.269	16.990	8.623
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	28.660	52.400
%RSD		±0.000	4.440	3.870
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		±100.385%	68.833%	0.946
%RSD		±0.436	0.607	7.026
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.056	0.218	-29.180
%RSD		325.900	18.550	4.513
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		5.810	286.000	0.136
%RSD		0.551	10.650	2.206
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.265	0.160	1.224
%RSD		34.380	52.050	1.903
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.610%	-0.025	-0.035
%RSD		0.635	275.400	221.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.002	0.332	-0.827
%RSD		2714.000	15.290	3.087
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	™ 1323.000	7.588
%RSD		0.000	™ 0.773	32.450
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.007	83.174%	0.087
%RSD		86.680	1.182	7.807
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.042	0.723	0.000
%RSD		17.920	10.060	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.184%	0.035	0.035
%RSD		0.439	44.240	13.190
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.298	109.723%	
%RSD		10.830	0.394	

OSM HIGH 11/30/2012 05:15:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.836%	0.210	1.332
%RSD		0.203	12.720	4.191
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4.219	21.980	<u>TM 343700.000</u>
%RSD		14.050	25.520	<u>TM 0.201</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±0.000</u>	28.450	<u>TM 348700.000</u>
%RSD		<u>±0.000</u>	2.590	<u>TM 0.494</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>±71.890%</u>	51.897%	1.042
%RSD		<u>±0.191</u>	0.375	4.013
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>TM 5710.000</u>	<u>TM 5552.000</u>	-91.120
%RSD		<u>TM 0.241</u>	<u>TM 0.538</u>	28.610
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 5282.000</u>	<u>TM 325500.000</u>	<u>TM 5102.000</u>
%RSD		<u>TM 0.089</u>	<u>TM 0.367</u>	<u>TM 0.390</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 4408.000</u>	<u>TM 4560.000</u>	<u>M 4546.000</u>
%RSD		<u>M 0.024</u>	<u>TM 0.214</u>	<u>M 0.503</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		58.267%	<u>M 4487.000</u>	-0.151
%RSD		0.338	<u>M 0.313</u>	14.550
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.233	2.081	-0.450
%RSD		14.320	1.188	7.163
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.180	3.350
%RSD		0.000	7.500	132.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.447	70.622%	0.227
%RSD		1.227	0.683	15.680
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.949	<u>TM 5622.000</u>	0.000
%RSD		2.430	<u>TM 0.783</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.529%	0.112	0.141
%RSD		1.021	6.489	1.650
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 5643.000</u>	86.104%	
%RSD		<u>TM 0.705</u>	1.322	

AG 2000 PPB 11/30/2012 05:21:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.121%	0.006	0.063
%RSD		0.249	18.600	81.980
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-6.862	12.750	199.400
%RSD		8.830	18.890	19.190
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	14.170	136.000
%RSD		±0.000	1.053	12.520
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.351%	54.596%	0.148
%RSD		0.133	0.236	84.140
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		2.332	2.276	-38.690
%RSD		13.150	23.390	1.848
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.974	218.500	2.525
%RSD		10.100	19.120	17.820
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.482	2.732	3.813
%RSD		13.100	14.090	12.160
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		60.275%	2.775	-0.141
%RSD		1.172	12.390	9.177
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.020	0.081	-0.881
%RSD		360.100	20.830	1.783
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	™ 2671.000	10.400
%RSD		0.000	™ 0.674	11.570
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.000	71.006%	0.022
%RSD		3644.000	0.461	50.170
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.024	2.971	0.000
%RSD		52.780	15.440	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.143%	0.023	0.015
%RSD		0.581	52.460	11.290
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.747	99.964%	
%RSD		18.250	0.225	

240-17317 -a-23-b@10, 11/30/2012 05:27:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		48.145%	1.704	11.680
%RSD		0.534	6.497	2.639
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		188.700	6851.000	M 10980.000
%RSD		1.898	1.737	M 1.207
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	878.200	73530.000
%RSD		±0.000	0.703	0.312
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.502%	44.545%	150.100
%RSD		0.560	1.297	0.551
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		7.557	24.340	-49.570
%RSD		1.983	0.683	1.359
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		M 1773.000	T 21760.000	4.105
%RSD		M 0.560	T 0.759	2.820
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		32.600	M 236.200	M 1523.000
%RSD		2.093	M 0.794	M 0.091
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.160%	9.276	-0.054
%RSD		0.891	0.957	186.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.047	170.100	0.273
%RSD		7.782	0.482	3.489
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.089	-2.079
%RSD		0.000	12.790	462.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.777	60.854%	2.290
%RSD		3.568	1.064	1.697
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.332	147.400	0.000
%RSD		6.373	0.464	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.764%	0.125	0.131
%RSD		0.577	2.260	0.582
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		122.900	88.067%	
%RSD		0.501	0.463	

240-17317 -a-24-b@5, 11/30/2012 05:32:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.818%	1.643	12.310
%RSD		0.710	4.373	3.684
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		175.300	6809.000	<u>M 11540.000</u>
%RSD		2.084	2.034	<u>M 0.402</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	1170.000	<u>M 137600.000</u>
%RSD		<u>T 0.000</u>	0.224	<u>M 0.310</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.843%	46.089%	144.100
%RSD		0.815	1.110	3.913
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		14.080	27.920	-48.380
%RSD		2.484	0.251	2.535
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 1872.000</u>	<u>T 36260.000</u>	6.535
%RSD		<u>TM 0.508</u>	<u>T 0.519</u>	1.239
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		34.540	<u>M 1656.000</u>	<u>M 252.600</u>
%RSD		1.278	<u>M 0.596</u>	<u>M 0.566</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.358%	21.920	0.044
%RSD		0.864	3.407	69.330
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.317	<u>M 271.700</u>	0.784
%RSD		8.366	<u>M 0.268</u>	6.421
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.456	-10.400
%RSD		0.000	27.360	20.890
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.980	62.722%	1.921
%RSD		3.931	0.221	1.931
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.594	165.700	0.000
%RSD		5.138	0.782	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.631%	0.189	0.264
%RSD		0.841	5.673	2.758
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		61.620	88.339%	
%RSD		0.386	0.452	

CCV 16 11/30/2012 05:38:07 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.743%	111.919%	103.924%
%RSD		0.520	0.369	0.964
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.635%	112.998%	109.830%
%RSD		0.613	0.301	0.343
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	114.506%	107.486%
%RSD		0.000	0.750	0.220
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.524%	52.534%	99.238%
%RSD		0.669	1.314	2.877
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		95.620%	96.784%	-32.180
%RSD		0.816	0.720	6.844
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		111.882%	107.899%	94.045%
%RSD		0.362	0.446	0.129
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		93.190%	92.899%	106.297%
%RSD		0.901	0.746	1.033
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.179%	94.877%	-0.599
%RSD		0.974	1.143	20.440
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.159%	102.107%	101.784%
%RSD		0.487	0.750	0.301
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.709%	69.570
%RSD		0.000	0.136	31.950
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		104.643%	66.136%	105.123%
%RSD		1.727	1.012	0.879
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		107.853%	100.824%	0.000
%RSD		0.492	0.665	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.502%	104.012%	90.703%
%RSD		1.046	0.957	0.486
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.472%	87.550%	
%RSD		0.715	0.320	

CCB 16 11/30/2012 05:44:37 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.420%	0.217	0.578
%RSD		0.454	15.630	22.290
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		54.750	88.550	15.590
%RSD		8.575	24.230	12.060
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	79.880	126.900
%RSD		±0.000	1.470	6.586
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.593%	48.411%	0.111
%RSD		0.450	1.642	187.100
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.588	-0.159	-46.990
%RSD		54.560	22.620	2.044
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.616	55.180	0.213
%RSD		1.001	3.551	18.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.193	0.309	2.925
%RSD		21.830	16.350	4.831
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		54.569%	-0.305	-0.184
%RSD		0.616	30.110	16.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.182	0.552	-0.048
%RSD		32.640	3.587	112.900
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.128	-0.918
%RSD		0.000	33.130	133.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.183	64.730%	0.246
%RSD		13.280	0.632	27.240
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.233	0.253	0.000
%RSD		13.140	11.730	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.663%	0.818	0.363
%RSD		1.049	7.662	4.725
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.218	94.033%	
%RSD		8.545	0.324	

240-17422 -a-4-b@5, 11/30/2012 05:50:10 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.025%	1.696	9.362
%RSD		1.126	3.830	3.419
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		151.300	8701.000	<u>M</u> 23720.000
%RSD		1.394	1.019	<u>M</u> 0.513
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 3008.000	17840.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.377	0.414
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.663%	49.791%	154.600
%RSD		0.400	0.611	1.570
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		35.500	46.360	-43.100
%RSD		0.713	1.138	1.555
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1116.000	<u>TM</u> 64600.000	20.530
%RSD		<u>TM</u> 0.408	<u>TM</u> 0.451	0.491
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		62.730	55.220	<u>M</u> 259.300
%RSD		0.141	0.632	<u>M</u> 0.334
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.480%	40.070	0.141
%RSD		0.904	0.407	69.450
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.272	55.620	3.104
%RSD		5.342	0.445	2.583
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.058	-18.290
%RSD		0.000	5.465	25.910
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.578	65.920%	2.863
%RSD		6.619	0.676	0.982
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.482	143.600	0.000
%RSD		4.239	0.433	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.690%	0.350	0.484
%RSD		0.777	2.772	2.502
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		78.080	93.842%	
%RSD		0.287	0.550	

240-17422 -a-9-d@5, 11/30/2012 05:55:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.022%	1.837	4.295
%RSD		0.479	1.808	3.627
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		64.400	5548.000	<u>M</u> 27050.000
%RSD		2.549	1.049	<u>M</u> 0.666
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 1860.000	3683.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.304	0.514
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.933%	60.023%	98.250
%RSD		0.522	0.530	2.928
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		40.120	44.500	-39.050
%RSD		2.381	0.279	0.740
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 2665.000	<u>TM</u> 57480.000	24.560
%RSD		<u>TM</u> 0.058	<u>TM</u> 0.169	0.736
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		50.550	63.070	<u>M</u> 372.400
%RSD		1.403	0.610	<u>M</u> 0.246
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.434%	35.860	0.064
%RSD		0.894	1.060	110.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.383	15.030	3.653
%RSD		10.750	1.654	0.864
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.116	-12.650
%RSD		0.000	2.812	37.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.356	74.023%	2.567
%RSD		7.893	1.395	3.153
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.311	167.000	0.000
%RSD		6.387	0.641	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.111%	0.251	0.468
%RSD		1.142	2.448	1.851
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		46.650	101.307%	
%RSD		1.192	0.446	

240-17422 -a-9-k du@5, 11/30/2012 06:01:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.847%	1.832	4.160
%RSD		0.433	4.439	2.518
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		67.230	5599.000	<u>M</u> 26870.000
%RSD		1.590	0.996	<u>M</u> 0.531
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 1824.000	3523.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.294	0.820
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.795%	61.000%	98.920
%RSD		0.633	1.003	4.379
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		39.550	46.200	-37.120
%RSD		0.812	0.659	3.655
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1958.000	<u>TM</u> 54820.000	22.920
%RSD		<u>TM</u> 0.310	<u>TM</u> 0.373	0.910
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		51.420	61.570	<u>M</u> 366.700
%RSD		2.471	1.324	<u>M</u> 0.796
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.781%	31.840	0.090
%RSD		1.342	0.653	61.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.312	14.930	3.629
%RSD		0.762	0.613	1.759
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.130	-14.120
%RSD		0.000	1.988	44.280
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.314	74.654%	2.665
%RSD		1.716	0.344	0.650
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.303	171.100	0.000
%RSD		3.211	0.530	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.391%	0.222	0.429
%RSD		1.096	5.830	0.536
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		44.720	101.213%	
%RSD		0.470	0.415	

240-17422 -a-9-f ms@5, 11/30/2012 06:06:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.872%	22.520	17.820
%RSD		0.741	1.308	0.418
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1728.000	8160.000	<u>M</u> 32840.000
%RSD		0.271	1.317	<u>M</u> 0.535
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 4098.000	5274.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.478	0.797
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.190%	60.342%	107.600
%RSD		0.620	0.534	2.927
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		60.620	66.610	-29.370
%RSD		1.349	0.347	8.339
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1865.000	<u>TM</u> 58250.000	40.680
%RSD		<u>TM</u> 0.771	<u>TM</u> 0.659	0.607
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		69.490	80.710	<u>M</u> 412.000
%RSD		0.245	0.651	<u>M</u> 0.318
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.365%	47.670	0.023
%RSD		1.509	0.574	211.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		19.020	33.600	19.620
%RSD		1.678	0.289	1.043
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	18.620	2.692
%RSD		0.000	0.827	328.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		19.740	73.604%	18.410
%RSD		1.207	1.026	0.478
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.179	188.100	0.000
%RSD		1.252	0.502	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.467%	11.210	15.760
%RSD		0.489	0.593	0.284
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		61.950	99.537%	
%RSD		0.669	0.173	

240-17422 -a-10-b@5, 11/30/2012 06:12:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.849%	2.193	4.865
%RSD		0.706	0.038	1.673
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		76.840	6734.000	<u>M</u> 32990.000
%RSD		0.296	1.456	<u>M</u> 0.575
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>I</u> 0.000	<u>I</u> 1936.000	3055.000
%RSD		<u>I</u> 0.000	<u>I</u> 0.357	0.545
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>I</u> 89.323%	61.355%	105.700
%RSD		<u>I</u> 0.328	0.756	1.761
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		48.400	56.050	-33.390
%RSD		0.480	0.082	0.979
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 1931.000	<u>TM</u> 73480.000	30.800
%RSD		<u>TM</u> 0.127	<u>TM</u> 1.018	1.076
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		61.720	69.490	<u>M</u> 369.200
%RSD		1.775	1.034	<u>M</u> 0.521
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.899%	41.660	0.099
%RSD		1.184	1.641	65.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.922	16.590	4.730
%RSD		9.448	1.030	4.679
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.128	-8.790
%RSD		0.000	4.111	48.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.181	75.304%	3.091
%RSD		6.483	0.348	2.134
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.384	192.500	0.000
%RSD		5.899	0.766	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.463%	0.335	0.551
%RSD		0.972	11.550	2.953
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		49.760	101.501%	
%RSD		1.261	0.081	

CCV 11/30/2012 06:17:59 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.477%	109.337%	102.050%
%RSD		0.640	0.891	1.364
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±99.426%	110.906%	102.656%
%RSD		±0.209	0.322	2.824
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±111.856%	103.749%
%RSD		±0.000	±0.618	0.602
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.559%	50.475%	97.741%
%RSD		1.004	1.647	2.960
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		93.621%	94.660%	-36.270
%RSD		0.846	0.881	3.583
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±108.885%	±106.676%	91.616%
%RSD		±0.331	±0.274	0.542
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		89.994%	90.316%	98.569%
%RSD		1.255	0.808	1.826
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.691%	91.936%	-0.746
%RSD		1.740	0.643	14.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		97.821%	99.024%	99.825%
%RSD		2.043	0.249	1.116
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	96.732%	51.000
%RSD		0.000	0.219	62.940
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		102.222%	63.665%	103.306%
%RSD		0.085	0.879	0.757
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.446%	98.130%	0.000
%RSD		0.655	0.232	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.782%	101.389%	88.669%
%RSD		1.417	0.709	0.442
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		98.243%	85.968%	
%RSD		0.350	1.046	

CCB 11/30/2012 06:24:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.649%	0.031	0.301
%RSD		0.377	25.430	7.274
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		6.888	34.940	14.070
%RSD		63.920	17.060	24.620
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	26.740	25.140
%RSD		±0.000	9.339	19.400
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.543%	45.772%	0.046
%RSD		0.250	0.080	185.600
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.714	-0.311	-47.530
%RSD		38.970	3.456	1.963
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.580	45.530	0.055
%RSD		16.210	11.480	28.370
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.073	0.083	1.269
%RSD		22.390	53.030	24.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.574%	-0.410	-0.098
%RSD		0.465	2.232	35.760
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.053	0.079	-0.181
%RSD		68.970	18.860	85.510
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.070	0.462
%RSD		0.000	17.600	220.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.060	62.014%	0.230
%RSD		46.890	0.464	18.820
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.142	0.143	0.000
%RSD		16.870	7.961	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.464%	0.715	0.295
%RSD		0.132	10.410	8.675
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.071	91.395%	
%RSD		15.040	0.699	

CRI -751770 11/30/2012 06:30:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.251%	118.127%	105.064%
%RSD		0.395	4.242	1.160
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		90.497%	116.075%	117.540%
%RSD		0.408	1.417	2.339
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	102.243%	105.591%
%RSD		±0.000	0.037	3.002
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.534%	45.096%	101.966%
%RSD		0.746	0.810	13.600
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		82.164%	77.514%	-45.640
%RSD		7.436	3.962	1.789
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		130.343%	136.963%	92.627%
%RSD		4.328	2.832	3.272
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		96.990%	104.160%	106.715%
%RSD		4.277	2.318	6.027
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.759%	75.420%	-0.242
%RSD		0.868	6.813	9.324
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		109.541%	94.766%	88.432%
%RSD		3.704	1.339	2.538
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	114.062%	-0.894
%RSD		0.000	4.040	504.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		120.178%	61.704%	104.632%
%RSD		5.175	0.493	1.561
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		106.614%	112.606%	0.000
%RSD		3.323	11.320	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.170%	97.911%	99.067%
%RSD		0.880	0.413	0.257
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		99.633%	90.086%	
%RSD		0.749	0.506	

MDLV 11/30/2012 06:36:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		51.455%	1.188	44.600
%RSD		0.466	4.625	1.046
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		390.200	300.200	53.310
%RSD		1.172	3.236	1.711
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	111.800	1131.000
%RSD		±0.000	1.125	1.964
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.154%	43.984%	1.916
%RSD		0.803	0.417	9.748
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.119	4.160	-45.280
%RSD		17.640	0.547	2.215
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		11.180	315.900	0.183
%RSD		0.416	0.718	14.210
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.412	2.924	22.950
%RSD		2.219	1.053	2.291
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		50.263%	0.979	-0.161
%RSD		1.473	19.360	35.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.554	2.489	3.308
%RSD		17.590	5.548	3.911
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.107	5.090
%RSD		0.000	11.790	37.940
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.103	60.016%	107.900
%RSD		16.350	0.101	0.236
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.677	3.184	0.000
%RSD		4.047	1.848	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.595%	0.243	1.402
%RSD		0.567	10.370	1.355
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.038	89.489%	
%RSD		0.836	0.259	

TestAmerica ICP/MS Data Review Checklist

Run Date: 11-30-12 Analyst: ngj Instrument: I8

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution ≤ 0.9 AMU full width at 10% peak height, and within ± 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be > 8000 cps) (In > 300,000 cps) (Pb > 100,000 cps) (Co > 100,000) (Mg > 10,000) (CeO/Ce < 0.03) (Ba ⁺⁺ /Ba < 0.03) (Background < 30 cps @ Mass 220) CCT Performance Check (In > 75,000) (Se < 20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels? Correlation coefficient > 0.995?	✓			✓
1. ICV/CCV analyzed at appropriate frequency and within control limits? (ICV: = 90 - 110%) (CCV: 90 - 110%, 200.8 = 85 - 115%)	✓			✓
2. ICB/CCB analyzed at appropriate frequency and within \pm RL?	✓			✓
3. CRI run and recovered within QC limits (\pm 50%) or project limits?	✓			✓
4. ICSA/TCSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Were the internal standards within acceptance criteria for all results reported?				✓
4. Sample analyses done within holding time?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformance's documented appropriately?	✓			✓
2. Current IDL/LR data on file?	✓			✓
3. Calculations checked for error?	✓			✓
4. Transcriptions checked for error?	✓			✓
5. All client/project specific requirements met?	✓			✓
6. Date/time of analysis verified as correct?	✓			✓

Level I Analyst: Natalie J. Smith Date: 11-30-12 Time: 09:27-13:04
 Level I Analyst: ngj Date: 12-3-12 Time: 02:29
 Level II Reviewer: Karen Klumt Date: 12-3-12 Time: 9:27-02:29
 Level II Reviewer: ngj Date: 12-3-12 Time: 02:29

Comments: _____

Performance Report

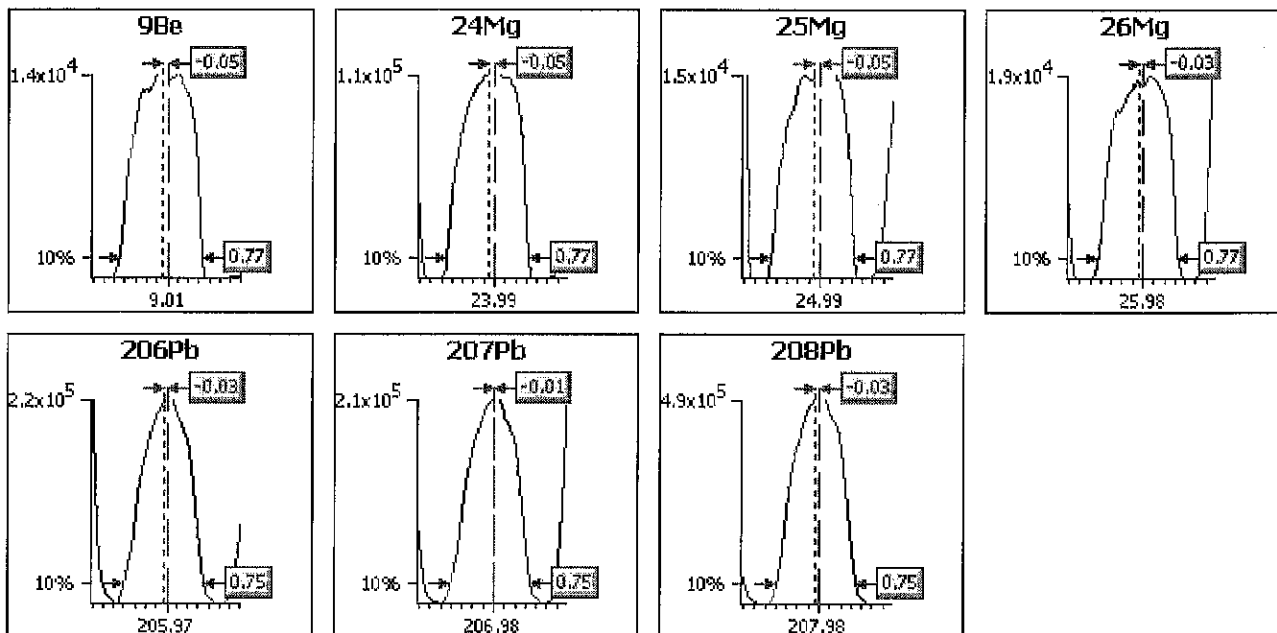
Sample details

Acquired at : 11/30/2012 08:37:35
 Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Mass Calibration verification

Acquisition parameters

Sweeps : 10
 Dwell : 5.0 mSecs
 Point spacing : 0.02 amu
 Peak width measured at 10% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.77	-0.05
24Mg	0.85	0.65	0.10	0.77	-0.05
25Mg	0.85	0.65	0.10	0.77	-0.05
26Mg	0.85	0.65	0.10	0.77	-0.03
206Pb	0.85	0.65	0.10	0.75	-0.03
207Pb	0.85	0.65	0.10	0.75	-0.01
208Pb	0.85	0.65	0.10	0.75	-0.03

Sample details

Acquired at : 11/30/2012 08:37:35

Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Tune conditions

Major		Minor		Global		Add. Gases	
Extraction	-78.4	Lens 3	-195.3	Standard resolution	135	He_H2	0.00
Lens 1	-1153	Forward power	1200	High resolution	135	He-Not In Use	0.00
Lens 2	-80.0	Horizontal	54	Analogue Detector	2000		
Focus	9.0	Vertical	550	PC Detector	3130		
D1	-43.1	DA	-46.3				
D2	-140	Cool	13.0				
Pole Bias	0.0	Auxiliary	0.90				
Hexapole Bias	-4.0	Sampling Depth	130				
Nebuliser	0.80						

Sensitivity and stability results

Acquisition parameters

Sweeps : 30

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	137Ba++	101Bkg	115In
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0	10.0
Limits	%RSD	-	5.0%	-	5.0%	-	5.0%	-	-	5.0%
	CountRate	-	>8000	>10000	>10000	>10000	>100000	-	-	>300000
1	08:38:09	0.667	13708.969	117361.76	15417.127	18663.778	122478.38	301.114	0.333	430594.75
2	08:38:27	0.333	14199.379	117412.12	15507.211	18480.240	122532.11	304.447	0.667	426853.68
3	08:38:45	0.333	13929.152	116243.97	15690.716	18650.429	121746.38	294.447	1.333	424915.07
4	08:39:02	0.000	13812.388	119083.91	15393.772	18313.389	121262.87	304.447	1.000	430382.71
5	08:39:20	0.000	13895.790	117872.01	15417.127	18600.373	121796.75	301.114	1.333	426552.79
x		0.267	13909.136	117594.76	15485.191	18541.642	121963.30	301.114	0.933	427859.80
σ		0.28	183.20	1025.52	122.83	146.69	537.18	4.08	0.43	2511.82
%RSD		104.583	1.317	0.872	0.793	0.791	0.440	1.356	46.566	0.587

Run	Time	137Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	-	-	-	-	5.0%	-
	CountRate	-	-	-	>100000	>100000	>100000	<30
1	08:38:09	55074.178	431449.78	10324.308	235339.90	211493.42	502932.10	0.000
2	08:38:27	55261.463	424009.10	10432.153	232851.98	208809.90	502286.39	0.000
3	08:38:45	55512.295	427164.83	10190.892	230303.61	210251.19	499569.88	0.000
4	08:39:02	54602.630	428464.22	10408.805	230340.78	210352.45	502423.77	0.667
5	08:39:20	55438.717	423434.77	10239.811	234244.63	207675.87	502337.91	0.000
x		55177.857	426904.54	10319.194	232616.18	209716.57	501910.01	0.133
σ		363.50	3300.85	104.38	2272.20	1486.09	1333.19	0.30
%RSD		0.659	0.773	1.011	0.977	0.709	0.266	223.607

Ratio results

Run	Time	137Ba++/137Ba	156Ce O/140Ce
Ratio limits		<0.0300	<0.0300
1	08:38:09	0.005	0.024
2	08:38:27	0.006	0.025
3	08:38:45	0.005	0.024
4	08:39:02	0.006	0.024
5	08:39:20	0.005	0.024
x		0.0055	0.0242
σ		0.00	0.00
%RSD		1.8534	1.2396

Result : The performance report passed.

Performance Report

Sample details

Acquired at : 11/30/2012 08:41:27

Report name : CCT MODE PERF REPORT [5/20/2011 11:37:05]

Tune conditions

Major		Minor		Global		Add. Gases	
Extraction	-78.4	Lens 3	-195.3	Standard resolution	135	He_H2	3.10
Lens 1	-1153	Forward power	1200	High resolution	135	He-Not In Use	0.00
Lens 2	-80.0	Horizontal	54	Anaologue Detector	2000		
Focus	-1.8	Vertical	550	PC Detector	3130		
D1	-50.2	DA	-46.3				
D2	-140	Cool	13.0				
Pole Bias	-14.0	Auxillary	0.90				
Hexapole Bias	-17.0	Sampling Depth	130				
Nebulliser	0.80						

Sensitivity and stability results

Acquisition parameters

Sweeps : 30

Run	Time	78Se	115In
Dwell (mSecs)		100.0	10.0
Limits	%RSD		5.0%
	CountRate	<20	>75000
1	08:41:28	13.000	146077.36
2	08:41:33	9.333	145697.39
3	08:41:38	12.667	145791.55
4	08:41:43	11.000	145542.72
5	08:41:48	10.000	144574.34
x		11.200	145536.67
σ		1.61	572.11
%RSD		14.366	0.393

Result : The performance report passed.

Experiment Details

Description PlasmaLab Template BlankExperiment
Template Filename C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA 6020-200.8_MULTIMODE.tet
Created By User martin.nash
Analyte Database TA NORTH CANTON MULTIMODE.tea
Creation Timestamp 10/10/2007 09:08:48
Last Edited By Upload
Last Edit Timestamp 11/30/2012 09:25:59
Instrument Detector Simultaneous
Database Version 3,51
Acquisition Mode Unknown

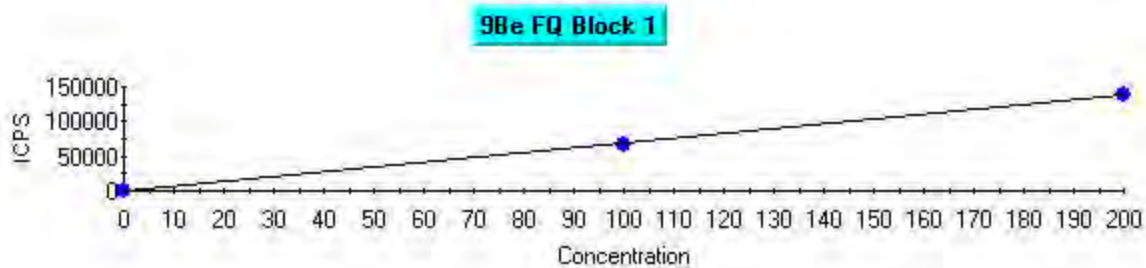
Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.

Underlining indicates that a data warning flag is set.

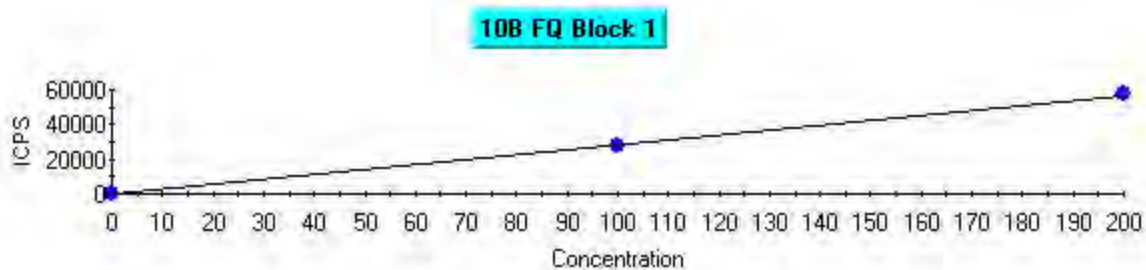
Column headings	Result cells	Data warning flags
No flag	Internal Standard	I - Invalid calibration
Semi Quant	Excluded	T - Tripped
Standard Addition	QC Warning	F - Interference correction failed
Multi Element	QC Failure	M - Result over max
	Transient TRA only:	V - Valley integration failed
	Peak Not Found	D - Different method used
	Manually Edited	
	Merged Peak	

Fully Quant Calibration



Intercept CPS=3.322158 Intercept Conc=0.004821
 Sensitivity=689.080010 Correlation Coeff=0.999905

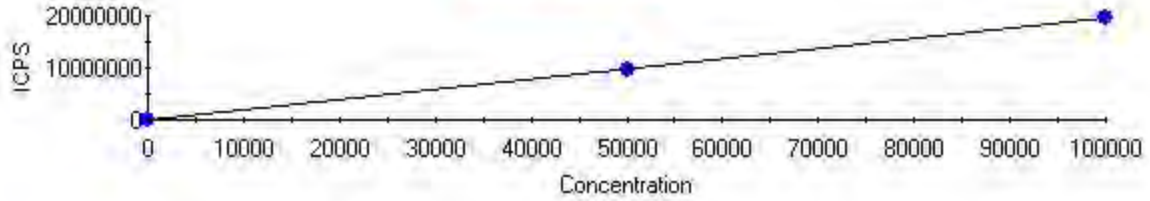
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	3.32	0.00
STD2-761715,	100.000	98.082	1.918	67589.33	1.92
STD3-664982,	200.000	200.959	0.959	138480.32	0.48



Intercept CPS=206.310845 Intercept Conc=0.725967
 Sensitivity=284.187687 Correlation Coeff=0.999454

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	206.31	0.00
STD2-761715,	100.000	95.364	4.636	27307.72	4.64
STD4-664981,	200.000	202.318	2.318	57702.53	1.16

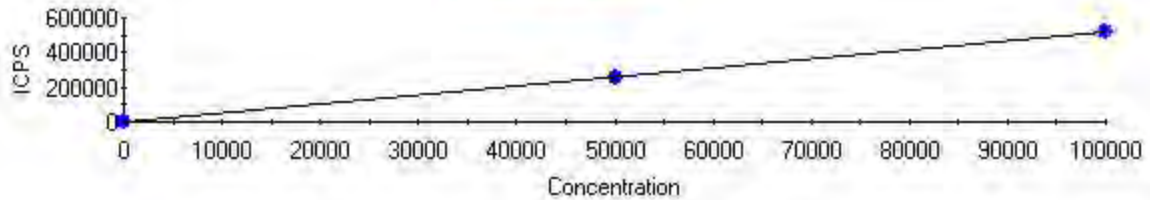
23Na FQ Block 1



Intercept CPS=2478.050461 Intercept Conc=12.644617
Sensitivity=195.976716 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	2478.05	0.00
STD2-761715,	50000.000	49759.077	240.923	9754098.54	0.48
STD3-664982,	100000.000	100120.462	120.462	19623757.31	0.12

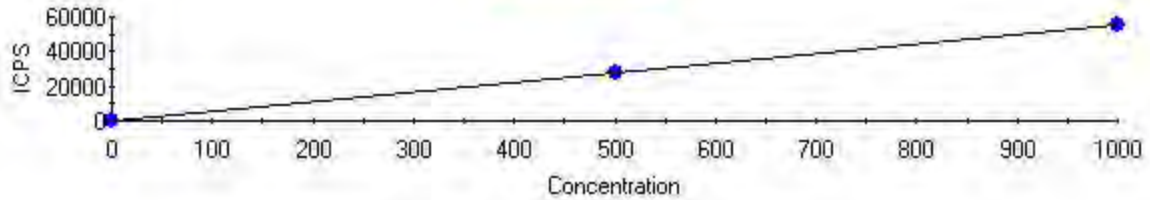
25Mg FQ Block 1



Intercept CPS=3.348953 Intercept Conc=0.648812
Sensitivity=5.161668 Correlation Coeff=0.999997

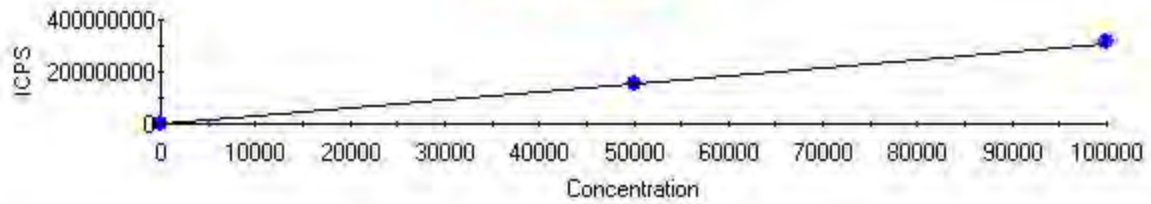
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	3.35	0.00
STD2-761715,	50000.000	50168.089	168.089	258954.36	0.34
STD3-664982,	100000.000	99915.955	84.045	515736.31	0.08

27Al FQ Block 1



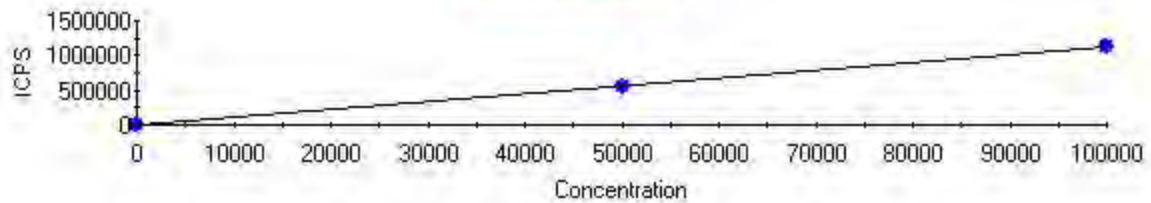
Intercept CPS=74.456962 Intercept Conc=1.346828
Sensitivity=55.283207 Correlation Coeff=0.999951

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	74.46	0.00
STD2-761715,	500.000	493.135	6.865	27336.54	1.37
STD3-664982,	1000.000	1003.432	3.432	55547.42	0.34

39K FQ Block 1

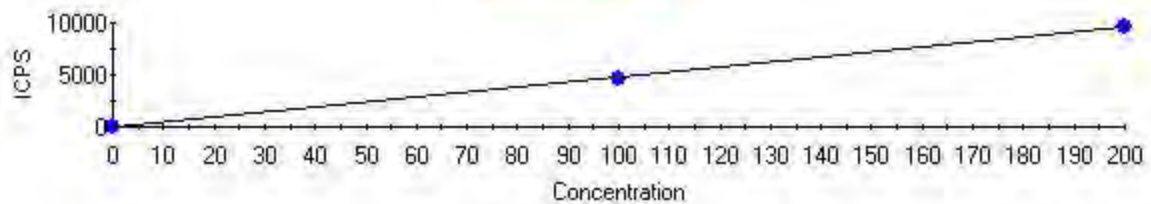
Intercept CPS=121290.076468 Intercept Conc=39.013987
Sensitivity=3108.886954 Correlation Coeff=0.999976

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	121290.08	0.00
STD2-761715,	50000.000	49513.899	486.101	154054405.09	0.97
STD3-664982,	100000.000	100243.050	243.050	311765601.76	0.24

43Ca FQ Block 1

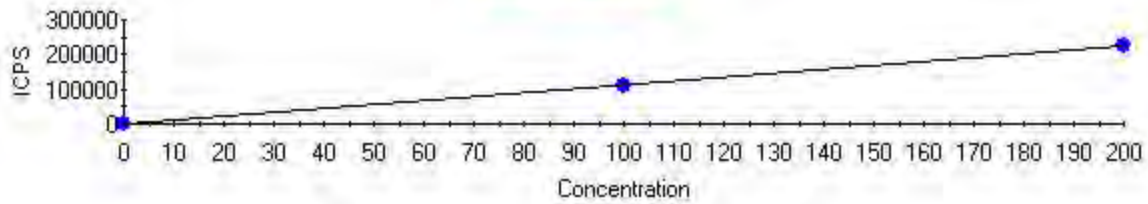
Intercept CPS=617.453310 Intercept Conc=54.513772
Sensitivity=11.326556 Correlation Coeff=0.999950

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	617.45	0.00
STD2-761715,	50000.000	49306.899	693.101	559094.83	1.39
STD3-664982,	100000.000	100346.550	346.550	1137198.32	0.35

47Ti FQ Block 1

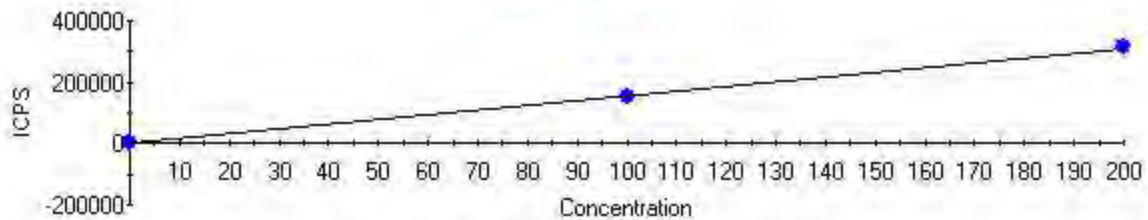
Intercept CPS=5.559387 Intercept Conc=0.116327
Sensitivity=47.791230 Correlation Coeff=0.999922

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	5.56	0.00
STD2-761715,	100.000	98.261	1.739	4701.57	1.74
STD4-664981,	200.000	200.870	0.870	9605.36	0.43

51V FQ Block 1

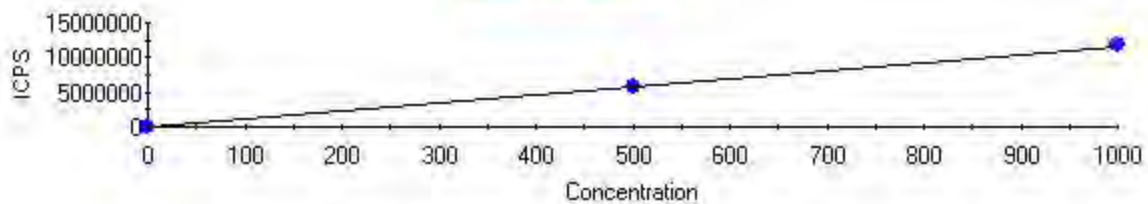
Intercept CPS=323.739778 Intercept Conc=0.288863
Sensitivity=1120.737781 Correlation Coeff=0.999874

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	323.74	0.00
STD2-761715,	100.000	97.792	2.208	109923.03	2.21
STD3-664982,	200.000	201.104	1.104	225708.54	0.55

52Cr FQ Block 1

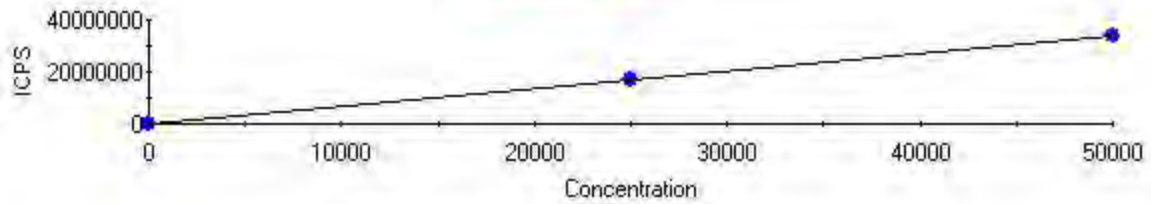
Intercept CPS=-311.368898 Intercept Conc=-0.199651
Sensitivity=1559.569071 Correlation Coeff=0.999955

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	-311.37	0.00
STD2-761715,	100.000	98.682	1.318	153590.65	1.32
STD3-664982,	200.000	200.659	0.659	312629.89	0.33

55Mn FQ Block 1

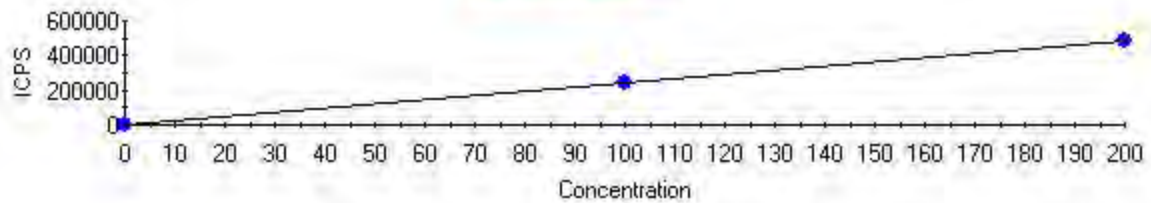
Intercept CPS=2444.691569 Intercept Conc=0.209525
Sensitivity=11667.793880 Correlation Coeff=0.999876

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	2444.69	0.00
STD2-761715,	500.000	489.029	10.971	5708330.12	2.19
STD3-664982,	1000.000	1005.486	5.486	11734244.33	0.55

56Fe FQ Block 1

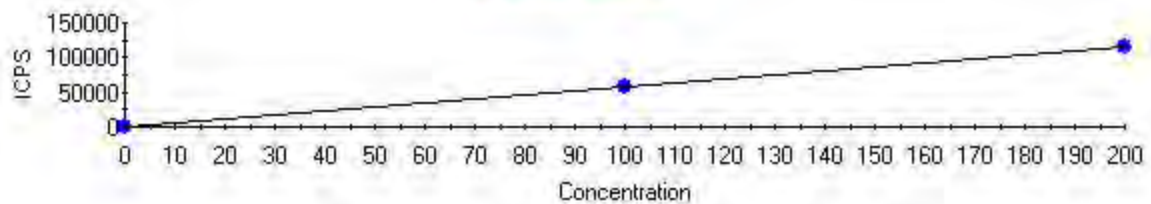
Intercept CPS=1807.990995 Intercept Conc=2.688546
Sensitivity=672.479006 Correlation Coeff=0.999938

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1807.99	0.00
STD2-761715,	25000.000	24613.351	386.649	16553769.82	1.55
STD3-664982,	50000.000	50193.324	193.324	33755764.93	0.39

59Co FQ Block 1

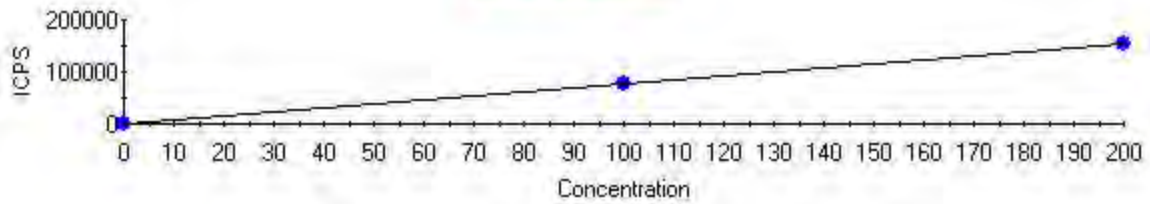
Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=2444.422884 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	0.00	0.00
STD2-761715,	100.000	99.411	0.589	243003.48	0.59
STD3-664982,	200.000	200.294	0.294	489603.98	0.15

60Ni FQ Block 1

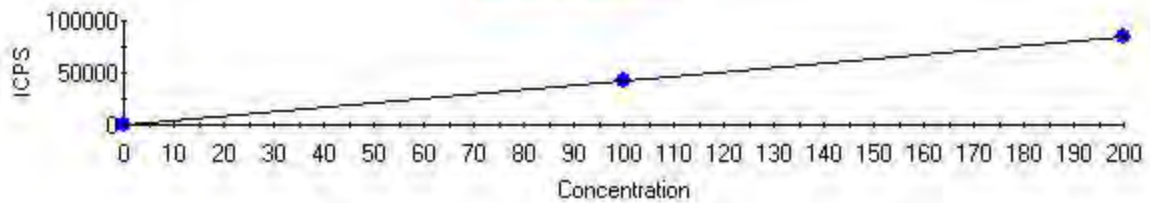
Intercept CPS=56.681329 Intercept Conc=0.099365
Sensitivity=570.438235 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	56.68	0.00
STD2-761715,	100.000	99.910	0.090	57049.13	0.09
STD3-664982,	200.000	200.045	0.045	114170.02	0.02

65Cu FQ Block 1

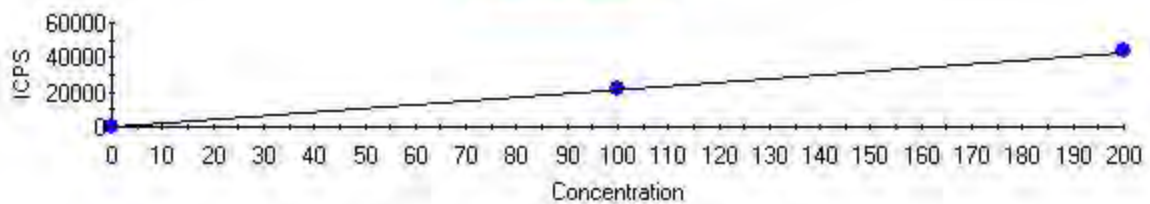
Intercept CPS=120.014621 Intercept Conc=0.155645
Sensitivity=771.081013 Correlation Coeff=0.999966

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	120.01	0.00
STD2-761715,	100.000	101.136	1.136	78104.37	1.14
STD3-664982,	200.000	199.432	0.568	153898.09	0.28

66Zn FQ Block 1

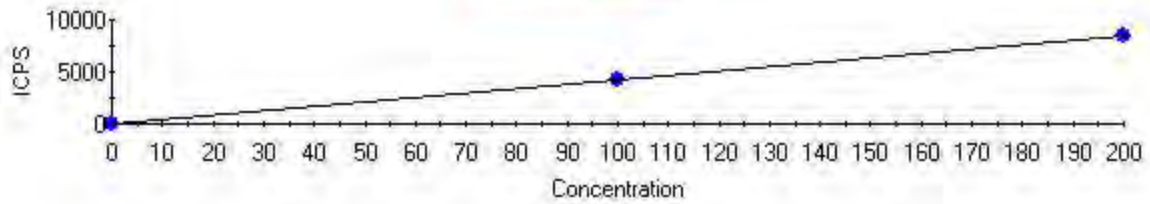
Intercept CPS=885.514584 Intercept Conc=2.102543
Sensitivity=421.163560 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	885.51	0.00
STD2-761715,	100.000	100.542	0.542	43230.13	0.54
STD3-664982,	200.000	199.729	0.271	85004.10	0.14

75As FQ Block 1

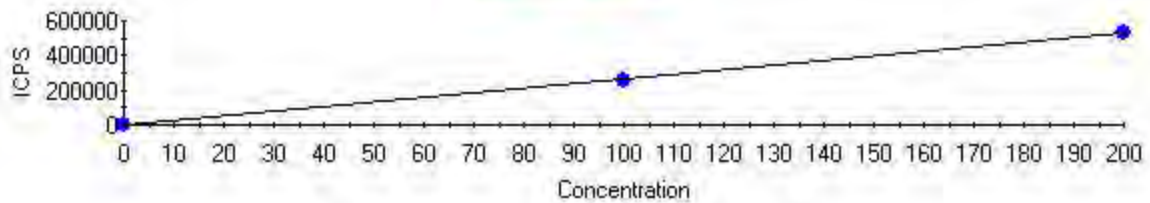
Intercept CPS=465.340428 Intercept Conc=2.177129
Sensitivity=213.740395 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	465.34	0.00
STD2-761715,	100.000	99.371	0.629	21704.99	0.63
STD3-664982,	200.000	200.314	0.314	43280.61	0.16

78Se FQ Block 1

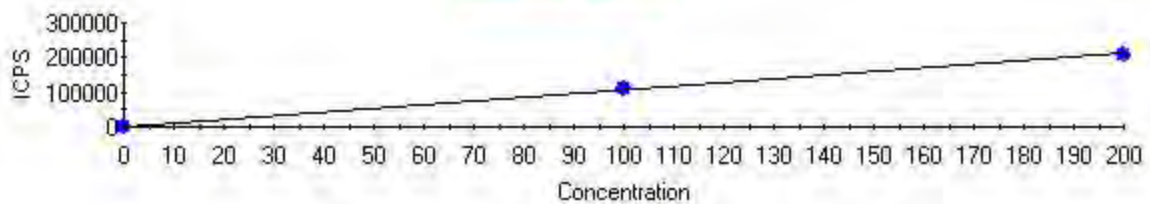
Intercept CPS=6.517262 Intercept Conc=0.154263
Sensitivity=42.247657 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	6.52	0.00
STD2-761715,	100.000	99.169	0.831	4196.16	0.83
STD3-664982,	200.000	200.416	0.416	8473.61	0.21

88Sr FQ Block 1

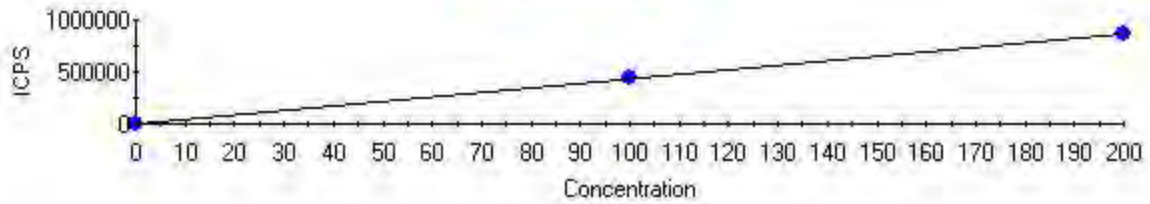
Intercept CPS=61.134178 Intercept Conc=0.023100
Sensitivity=2646.509327 Correlation Coeff=0.999860

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	61.13	0.00
STD2-761715,	100.000	97.666	2.334	258536.01	2.33
STD3-664982,	200.000	201.167	1.167	532451.03	0.58

95Mo FQ Block 1

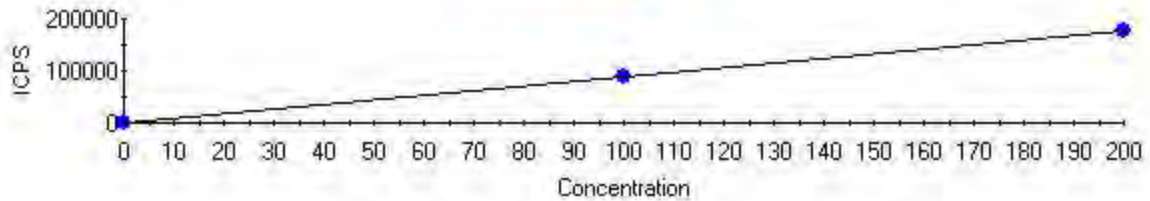
Intercept CPS=1217.927182 Intercept Conc=1.162578
Sensitivity=1047.609182 Correlation Coeff=0.999331

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1217.93	0.00
STD2-761715,	100.000	105.007	5.007	111224.50	5.01
STD4-664981,	200.000	197.496	2.504	208116.94	1.25

107Ag FQ Block 1

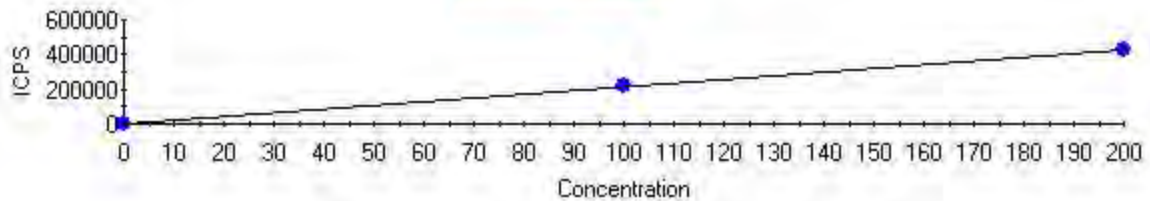
Intercept CPS=15.554936 Intercept Conc=0.003605
Sensitivity=4314.741143 Correlation Coeff=0.999959

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	15.55	0.00
STD2-761715,	100.000	101.253	1.253	436894.00	1.25
STD3-664982,	200.000	199.374	0.626	860261.62	0.31

111Cd FQ Block 1

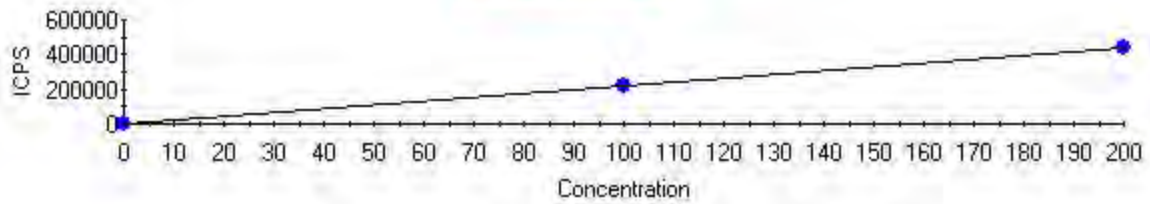
Intercept CPS=6.789700 Intercept Conc=0.007673
Sensitivity=884.860265 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	6.79	0.00
STD2-761715,	100.000	100.164	0.164	88637.95	0.16
STD3-664982,	200.000	199.918	0.082	176906.27	0.04

118Sn FQ Block 1

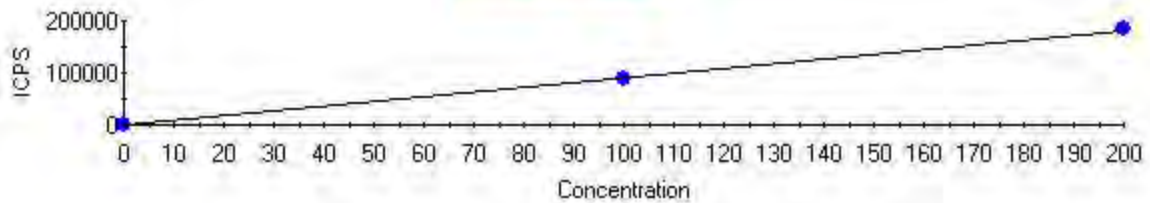
Intercept CPS=168.895015 Intercept Conc=0.079084
Sensitivity=2135.639480 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	168.90	0.00
STD2-761715,	100.000	99.935	0.065	213594.02	0.07
STD4-664981,	200.000	200.033	0.033	427366.20	0.02

121Sb FQ Block 1

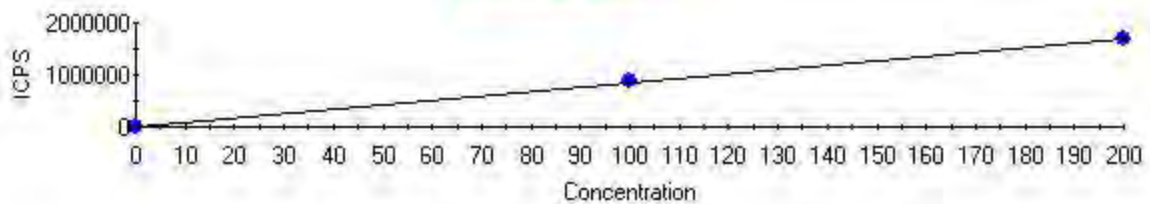
Intercept CPS=71.120184 Intercept Conc=0.032174
Sensitivity=2210.511798 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	71.12	0.00
STD2-761715,	100.000	100.544	0.544	222324.47	0.54
STD4-664981,	200.000	199.728	0.272	441572.39	0.14

137Ba FQ Block 1

Intercept CPS=62.220792 Intercept Conc=0.068239
Sensitivity=911.813214 Correlation Coeff=0.999897

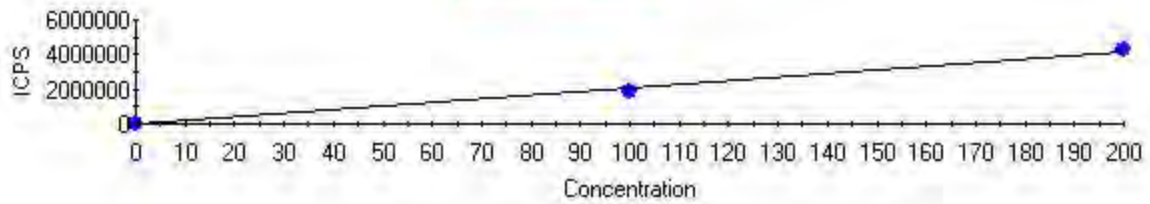
Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	62.22	0.00
STD2-761715,	100.000	98.000	2.000	89419.71	2.00
STD3-664982,	200.000	201.000	1.000	183336.78	0.50

182W FQ Block 1

Intercept CPS=564.498824 Intercept Conc=0.066443
Sensitivity=8495.926151 Correlation Coeff=0.999906

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	564.50	0.00
STD2-761715,	100.000	101.887	1.887	866190.92	1.89
STD4-664981,	200.000	199.056	0.944	1691732.83	0.47

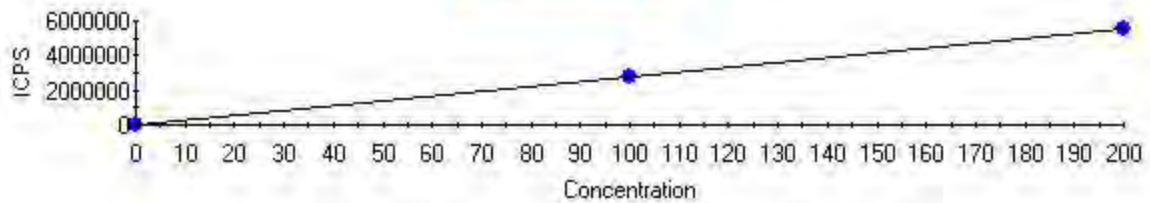
205Tl FQ Block 1



Intercept CPS=1354.592009 Intercept Conc=0.065149
Sensitivity=20792.152221 Correlation Coeff=0.997814

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	-0.000	0.000	1354.59	0.00
STD2-761715,	100.000	90.607	9.393	1885265.28	9.39
STD3-664982,	200.000	204.697	4.697	4257437.30	2.35

208Pb FQ Block 1



Intercept CPS=1263.486682 Intercept Conc=0.045741
Sensitivity=27622.717316 Correlation Coeff=0.999394

Label	Defined	Measured	Error	Mean CPS	% Error
ICISM=6020	0.000	0.000	0.000	1263.49	0.00
STD2-761715,	100.000	100.493	0.493	2777141.55	0.49
STD3-664982,	200.000	199.754	0.246	5519003.79	0.12

Dilution Corrected Concentrations

ICISM=6020 11/30/2012 09:27:42

User Pre-dilution: 1.000

	Run	Time	6Li	9Be	10B
			ppb	ppb	ppb
X			100.000%	0.000	0.000
%RSD			0.507	0.000	0.000
	Run	Time	23Na	25Mg	27Al
			ppb	ppb	ppb
X			0.000	0.000	-0.000
%RSD			0.000	0.000	0.000
	Run	Time	35Cl	39K	43Ca
			ppb	ppb	ppb
X			0.000	-0.000	0.000
%RSD			0.000	0.000	0.000
	Run	Time	45Sc	45Sc	47Ti
			ppb	ppb	ppb
X			100.000%	100.000%	0.000
%RSD			0.479	0.427	0.000
	Run	Time	51V	52Cr	53Cr O
			ppb	ppb	ppb
X			0.000	0.000	-0.000
%RSD			0.000	0.000	0.000
	Run	Time	55Mn	56Fe	59Co
			ppb	ppb	ppb
X			-0.000	0.000	0.000
%RSD			0.000	0.000	0.000
	Run	Time	60Ni	65Cu	66Zn
			ppb	ppb	ppb
X			-0.000	-0.000	-0.000
%RSD			0.000	0.000	0.000
	Run	Time	72Ge	75As	77Ar Cl
			ppb	ppb	ppb
X			100.000%	0.000	-0.000
%RSD			0.421	0.000	0.000
	Run	Time	78Se	88Sr	95Mo
			ppb	ppb	ppb
X			0.000	0.000	-0.000
%RSD			0.000	0.000	0.000
	Run	Time	105Pd	107Ag	108Mo O
			ppb	ppb	ppb
X			0.000	-0.000	-0.000
%RSD			0.000	0.000	0.000
	Run	Time	111Cd	115In	118Sn
			ppb	ppb	ppb
X			-0.000	100.000%	-0.000
%RSD			0.000	0.124	0.000
	Run	Time	121Sb	137Ba	159Tb
			ppb	ppb	ppb
X			-0.000	-0.000	0.000
%RSD			0.000	0.000	0.000
	Run	Time	165Ho	182W	205Tl
			ppb	ppb	ppb
X			100.000%	0.000	-0.000
%RSD			0.359	0.000	0.000
	Run	Time	208Pb	209Bi	
			ppb	ppb	
X			0.000	0.000	
%RSD			0.000	0.000	

STD2-761715, 11/30/2012 09:33:07

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.686%	98.080	95.360
%RSD		0.108	0.602	0.649
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		49760.000	50170.000	493.100
%RSD		0.865	0.483	0.897
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	49510.000	49310.000
%RSD		0.000	0.450	0.589
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.808%	94.952%	98.260
%RSD		0.576	0.918	2.028
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.790	98.680	-17.100
%RSD		0.387	0.255	4.251
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		489.000	24610.000	99.410
%RSD		0.385	0.651	1.120
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.910	101.100	100.500
%RSD		0.254	0.917	0.258
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.287%	99.370	-0.563
%RSD		0.804	0.273	17.440
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.170	97.670	105.000
%RSD		0.841	0.408	0.723
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	101.300	39.070
%RSD		0.000	0.404	105.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.200	93.470%	99.930
%RSD		1.431	0.950	0.529
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.500	98.000	0.000
%RSD		0.181	0.506	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.235%	101.900	90.610
%RSD		1.363	0.382	1.067
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.500	0.000	
%RSD		0.455	0.000	

STD3-664982, 11/30/2012 09:39:04

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.138%	M 201.000	0.902
%RSD		0.389	M 0.354	11.500
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 100100.000	M 99920.000	M 1003.000
%RSD		TM 0.469	M 0.467	M 0.532
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	TM 100200.000	M 100300.000
%RSD		T 0.000	TM 0.879	M 0.439
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.701%	94.324%	0.576
%RSD		0.714	0.521	32.330
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 201.100	M 200.700	-5.000
%RSD		M 0.961	M 0.681	119.300
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1005.000	TM 50190.000	M 200.300
%RSD		TM 0.157	TM 0.566	M 0.554
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 200.000	M 199.400	M 199.700
%RSD		M 0.862	M 0.392	M 1.490
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.546%	M 200.300	-0.618
%RSD		0.333	M 0.581	31.950
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 200.400	M 201.200	0.633
%RSD		M 1.157	M 1.156	23.470
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	M 199.400	75.670
%RSD		0.000	M 0.327	100.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 199.900	93.737%	0.192
%RSD		M 0.219	0.739	27.230
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.340	M 201.000	0.000
%RSD		18.780	M 0.095	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.013%	0.919	TM 204.700
%RSD		1.105	12.370	TM 0.316
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		M 199.800	0.000	
%RSD		M 0.488	0.000	

STD4-664981, 11/30/2012 09:46:14

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.381%	0.055	<u>M</u> 202.300
%RSD		0.307	14.370	<u>M</u> 0.330
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		23.540	25.730	3.307
%RSD		4.537	16.420	40.800
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>r</u> 0.000	18.630	-0.407
%RSD		<u>r</u> 0.000	0.522	789.500
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.479%	87.369%	<u>M</u> 200.900
%RSD		0.588	0.855	<u>M</u> 2.166
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.264	-0.087	-28.090
%RSD		71.300	13.360	5.824
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.288	17.960	0.050
%RSD		2.571	9.679	7.234
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.187	0.288	0.279
%RSD		6.705	22.560	47.050
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.594%	-0.176	0.335
%RSD		1.193	82.680	15.190
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.246	0.075	197.500
%RSD		63.330	13.950	0.865
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.060	15.010
%RSD		0.000	11.490	89.860
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.024	92.970%	<u>M</u> 200.000
%RSD		108.400	0.462	<u>M</u> 0.417
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		<u>M</u> 199.700	0.131	0.000
%RSD		<u>M</u> 0.139	34.060	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.695%	<u>M</u> 199.100	0.444
%RSD		0.854	<u>M</u> 0.911	8.209
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.065	0.000	
%RSD		5.342	0.000	

ICV-665060, 11/30/2012 09:51:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.807%	101.166%	99.921%
%RSD		0.149	0.627	0.457
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.402%	101.587%	101.742%
%RSD		0.928	0.725	0.991
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	99.073%	99.774%
%RSD		0.000	0.244	0.558
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.141%	90.981%	102.424%
%RSD		1.064	1.338	0.625
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.587%	99.821%	-23.160
%RSD		0.077	0.697	9.083
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.656%	100.168%	99.915%
%RSD		0.563	0.659	1.417
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.323%	101.821%	102.862%
%RSD		0.898	1.017	0.371
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.854%	98.625%	-0.107
%RSD		1.091	0.463	173.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.532%	96.879%	104.330%
%RSD		2.116	0.781	1.467
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	102.434%	61.190
%RSD		0.000	1.158	14.040
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		101.637%	92.162%	100.310%
%RSD		1.633	0.407	1.029
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.313%	98.829%	0.000
%RSD		1.186	0.960	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.950%	104.443%	92.629%
%RSD		1.028	0.354	1.184
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		103.535%	0.000	
%RSD		0.273	0.000	

ICB 11/30/2012 09:58:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.184%	0.005	0.620
%RSD		0.731	42.090	8.819
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3.124	2.827	0.367
%RSD		32.620	73.220	156.500
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	4.580	6.288
%RSD		±0.000	6.013	63.580
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.119%	92.727%	0.034
%RSD		0.714	0.545	2.132
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.330	-0.229	-29.220
%RSD		31.130	2.086	2.227
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		-0.007	5.050	0.008
%RSD		114.500	26.200	54.050
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.013	-0.007	0.430
%RSD		54.170	320.900	22.270
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.818%	-0.145	-0.006
%RSD		0.347	33.370	151.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.030	0.016	0.142
%RSD		49.020	31.450	118.600
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.008	0.327
%RSD		0.000	31.110	297.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.001	95.547%	0.151
%RSD		686.100	0.472	6.259
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.118	-0.007	0.000
%RSD		32.060	354.700	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.400%	0.866	0.310
%RSD		0.223	12.360	5.868
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.007	0.000	
%RSD		59.320	0.000	

CRI -751770, 11/30/2012 10:03:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.804%	106.533%	103.456%
%RSD		0.567	3.972	1.722
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		89.105%	102.091%	97.273%
%RSD		1.349	1.665	6.964
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	86.644%	97.849%
%RSD		±0.000	0.186	2.088
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.021%	92.563%	103.216%
%RSD		0.329	0.871	11.130
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		89.861%	89.521%	-26.130
%RSD		1.351	4.646	2.191
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		89.720%	95.869%	103.044%
%RSD		2.411	2.998	2.170
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		102.308%	107.775%	97.489%
%RSD		6.613	3.300	1.984
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.525%	94.977%	-0.014
%RSD		0.647	4.573	761.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.352%	93.222%	96.275%
%RSD		14.530	1.414	2.834
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	107.768%	2.928
%RSD		0.000	1.587	139.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		95.198%	95.185%	99.926%
%RSD		4.957	0.681	2.949
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		97.193%	99.768%	0.000
%RSD		2.019	10.790	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.866%	102.255%	111.903%
%RSD		0.827	2.318	0.424
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		107.541%	0.000	
%RSD		0.861	0.000	

ICSA-726956, 11/30/2012 10:09:22 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.129%	-0.001	0.132
%RSD		0.996	656.400	20.520
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>150600.000</u>	50470.000	<u>M49130.000</u>
%RSD		<u>10.836</u>	0.805	<u>M0.768</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>10.000</u>	<u>149960.000</u>	50990.000
%RSD		<u>10.000</u>	<u>10.984</u>	0.363
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		82.372%	86.911%	<u>M1025.000</u>
%RSD		0.246	0.829	<u>M1.066</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.088	0.411	-24.460
%RSD		247.800	5.975	2.267
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.072	<u>TM50120.000</u>	0.064
%RSD		12.320	<u>TM0.733</u>	22.880
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.395	0.286	0.436
%RSD		19.650	12.910	55.910
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.991%	0.313	-0.081
%RSD		0.460	35.320	40.430
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.070	0.169	<u>M998.800</u>
%RSD		58.310	17.950	<u>M1.849</u>
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.037	118.200
%RSD		0.000	37.090	0.861
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.006	89.682%	0.089
%RSD		2681.000	0.819	15.490
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.160	0.082	0.000
%RSD		12.840	33.780	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.668%	0.400	0.105
%RSD		0.953	6.530	4.592
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.153	0.000	
%RSD		2.781	0.000	

ICSAB-723527, 11/30/2012 10:14:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.340%	99.999%	97.506%
%RSD		0.400	0.355	1.409
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>102.040%</u>	101.721%	<u>M 99.073%</u>
%RSD		<u>1.495</u>	1.882	<u>M 1.278</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>100.630%</u>	102.130%
%RSD		<u>0.000</u>	<u>0.369</u>	0.489
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.713%	86.614%	<u>M 104.774%</u>
%RSD		0.396	1.053	<u>M 0.399</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.923%	101.473%	-12.350
%RSD		1.608	0.779	22.940
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		90.452%	<u>TM 100.960%</u>	100.198%
%RSD		0.366	<u>TM 0.594</u>	0.743
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.809%	100.165%	103.069%
%RSD		0.144	0.270	0.854
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.531%	99.743%	-0.263
%RSD		0.955	0.830	39.250
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.682%	96.712%	<u>M 100.731%</u>
%RSD		0.727	1.079	<u>M 0.609</u>
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.162%	192.400
%RSD		0.000	0.803	33.950
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		98.684%	91.273%	100.069%
%RSD		0.581	0.799	1.102
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.381%	99.358%	0.000
%RSD		0.976	1.237	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.108%	101.748%	94.279%
%RSD		0.692	1.155	0.360
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		104.134%	0.000	
%RSD		0.137	0.000	

CCV 11/30/2012 10:21:34 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.420%	98.527%	97.892%
%RSD		0.996	1.068	0.979
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		±99.723%	98.754%	98.420%
%RSD		±1.304	1.277	1.368
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±98.413%	99.204%
%RSD		±0.000	±0.571	0.473
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.751%	94.069%	99.112%
%RSD		1.065	0.917	2.185
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.319%	98.671%	-18.740
%RSD		0.568	0.399	11.050
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±99.304%	±99.027%	99.391%
%RSD		±0.597	±0.264	0.514
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.428%	101.038%	101.544%
%RSD		0.845	0.743	0.617
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.264%	98.122%	-0.476
%RSD		0.534	0.792	13.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.888%	97.599%	120.564%
%RSD		1.204	0.336	1.883
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.006%	49.730
%RSD		0.000	0.660	66.410
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.571%	93.600%	99.831%
%RSD		0.521	0.527	0.775
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.252%	97.474%	0.000
%RSD		0.765	1.004	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		96.095%	103.455%	91.611%
%RSD		0.586	0.231	0.600
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.002%	0.000	
%RSD		0.273	0.000	

CCB 11/30/2012 10:28:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.770%	0.009	0.455
%RSD		0.985	62.000	10.310
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		5.247	5.001	0.036
%RSD		14.080	13.310	1574.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	6.845	10.110
%RSD		±0.000	6.667	32.930
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.919%	91.392%	0.290
%RSD		0.383	0.803	79.640
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.274	-0.220	-28.590
%RSD		117.500	11.420	3.730
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.003	6.930	0.012
%RSD		240.700	19.330	18.720
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.018	0.007	0.416
%RSD		87.510	332.400	46.770
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.448%	-0.158	0.020
%RSD		0.704	43.320	537.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.105	0.022	3.258
%RSD		19.250	34.880	6.977
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	-0.168
%RSD		0.000	38.190	69.810
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.015	94.835%	0.157
%RSD		76.860	0.067	8.975
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.168	0.001	0.000
%RSD		14.760	1809.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.762%	1.044	0.340
%RSD		0.328	12.010	4.777
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.009	0.000	
%RSD		41.500	0.000	

mb 240-66675/1-a, 11/30/2012 10:33:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		89.427%	0.008	0.364
%RSD		0.804	99.670	17.620
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1.195	1.693	1.098
%RSD		14.120	86.750	24.070
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-9.910	24.180
%RSD		±0.000	2.068	11.210
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.240%	92.059%	0.161
%RSD		0.623	0.531	71.140
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.264	-0.186	-26.570
%RSD		115.600	15.620	2.949
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.028	2.728	0.006
%RSD		0.563	22.710	43.050
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.032	0.271	2.059
%RSD		63.590	8.852	13.480
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.157%	-0.271	0.480
%RSD		0.713	20.020	12.210
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.018	0.013	0.803
%RSD		676.200	74.240	23.070
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.001	0.081
%RSD		0.000	142.300	1295.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.002	95.000%	0.057
%RSD		244.600	0.184	21.870
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.078	-0.000	0.000
%RSD		24.130	7429.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.845%	0.375	0.159
%RSD		0.259	5.727	0.172
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.003	0.000	
%RSD		177.400	0.000	

240-17788 -a-36-a, 11/30/2012 10:39:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.561%	0.960	30.330
%RSD		0.540	8.546	0.714
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		360.200	297.700	62.360
%RSD		0.683	3.968	2.199
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	31.010	972.900
%RSD		±0.000	2.365	1.631
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.174%	90.534%	0.859
%RSD		0.731	0.481	37.200
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.173	1.323	-25.040
%RSD		24.440	3.389	2.527
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.762	92.320	0.328
%RSD		1.513	0.836	7.443
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.671	4.344	22.320
%RSD		7.853	8.078	1.713
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		91.188%	0.757	0.520
%RSD		0.305	10.320	5.899
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.522	2.767	4.002
%RSD		10.450	1.513	1.045
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.043	0.951
%RSD		0.000	7.395	215.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.742	94.762%	4.059
%RSD		9.520	0.415	2.627
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.524	3.977	0.000
%RSD		9.002	0.997	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.681%	0.226	1.034
%RSD		0.403	5.054	0.968
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.537	0.000	
%RSD		1.920	0.000	

240-17788 -a-36-b, 11/30/2012 10:44:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.587%	0.514	15.680
%RSD		0.286	8.265	1.872
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		179.900	154.100	30.320
%RSD		1.391	5.155	3.741
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	8.499	486.100
%RSD		±0.000	4.801	3.341
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.156%	90.252%	0.630
%RSD		0.929	0.551	28.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.404	0.575	-24.630
%RSD		12.240	13.430	1.703
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.391	46.540	0.154
%RSD		1.397	1.986	6.839
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.765	2.305	11.620
%RSD		8.920	2.574	4.601
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.867%	0.370	0.476
%RSD		0.112	20.000	5.815
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.298	1.420	1.686
%RSD		46.560	1.583	4.481
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.023	-0.249
%RSD		0.000	11.020	1178.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.301	93.673%	2.050
%RSD		7.625	0.351	3.819
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.311	1.902	0.000
%RSD		5.440	4.918	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.561%	0.154	0.549
%RSD		0.221	1.663	0.312
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.268	0.000	
%RSD		0.947	0.000	

240-17788 -a-39-a, 11/30/2012 10:50:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.413%	0.928	31.570
%RSD		0.212	6.679	2.144
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		368.100	326.500	63.820
%RSD		0.700	5.982	1.348
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	31.160	1004.000
%RSD		±0.000	1.622	0.611
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.309%	90.650%	1.270
%RSD		0.479	0.561	18.820
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.137	1.314	-23.140
%RSD		11.090	3.404	0.904
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.761	93.830	0.329
%RSD		1.901	1.636	5.100
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.682	4.307	23.070
%RSD		4.742	5.099	1.538
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.659%	0.905	0.500
%RSD		1.013	16.380	12.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.531	2.837	3.643
%RSD		23.570	2.701	3.979
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.048	3.223
%RSD		0.000	7.141	95.670
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.755	93.530%	4.177
%RSD		6.748	0.663	2.826
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.536	4.020	0.000
%RSD		5.986	2.430	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.587%	0.118	1.025
%RSD		0.110	2.818	0.711
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.547	0.000	
%RSD		1.393	0.000	

240-17788 -a-39-b, 11/30/2012 10:55:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		87.042%	0.481	15.540
%RSD		0.169	11.780	2.716
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		175.900	162.500	31.390
%RSD		0.931	8.225	5.059
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	6.841	499.200
%RSD		±0.000	9.860	2.076
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.188%	90.172%	0.760
%RSD		0.511	0.919	29.370
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.492	0.558	-23.600
%RSD		38.160	9.279	2.379
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.348	46.240	0.175
%RSD		1.865	0.876	6.318
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.751	2.445	11.200
%RSD		12.320	7.093	2.371
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.091%	0.374	0.474
%RSD		1.110	39.110	13.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.281	1.293	1.380
%RSD		41.080	0.254	9.342
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.023	-2.014
%RSD		0.000	29.030	121.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.350	93.210%	2.097
%RSD		9.161	0.712	1.858
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.261	2.011	0.000
%RSD		4.008	3.219	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.874%	0.089	0.523
%RSD		0.168	2.083	2.139
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.260	0.000	
%RSD		3.369	0.000	

240-17788 -a-40-a, 11/30/2012 11:00:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.817%	0.893	30.130
%RSD		0.957	6.238	1.936
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		361.600	310.900	58.820
%RSD		2.962	5.759	3.244
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	30.390	969.500
%RSD		±0.000	3.308	3.745
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.786%	89.476%	1.235
%RSD		0.481	0.197	15.910
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.647	1.357	-23.730
%RSD		9.214	3.315	2.155
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		3.440	90.960	0.299
%RSD		0.822	1.218	5.231
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.583	4.423	21.930
%RSD		3.748	1.986	1.342
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.750%	0.744	0.491
%RSD		0.584	9.715	21.040
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.676	2.800	3.271
%RSD		16.240	2.720	6.243
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.046	0.107
%RSD		0.000	8.732	1891.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.670	92.718%	4.025
%RSD		5.637	0.312	2.441
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.506	3.850	0.000
%RSD		7.115	2.577	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.519%	0.062	0.982
%RSD		0.810	14.590	2.297
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.546	0.000	
%RSD		0.678	0.000	

240-17788 -a-40-b, 11/30/2012 11:06:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.714%	0.383	14.810
%RSD		0.553	12.870	1.400
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		172.900	144.800	31.580
%RSD		1.519	3.990	1.504
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	9.384	505.600
%RSD		±0.000	10.810	2.909
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.648%	87.800%	0.413
%RSD		0.197	1.383	11.860
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.427	0.617	-23.050
%RSD		36.260	4.568	2.009
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.671	44.450	0.158
%RSD		1.671	1.794	14.650
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.771	2.319	13.170
%RSD		0.928	7.904	2.276
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.473%	0.280	0.423
%RSD		0.378	26.630	15.290
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.261	1.333	1.206
%RSD		44.500	1.275	5.607
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.021	-1.886
%RSD		0.000	6.350	57.230
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.362	92.217%	2.363
%RSD		4.954	0.698	3.024
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.262	1.855	0.000
%RSD		7.341	3.793	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.324%	0.057	0.468
%RSD		0.589	12.500	1.464
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.493	0.000	
%RSD		1.623	0.000	

CCV 11/30/2012 11:11:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		86.485%	97.672%	95.563%
%RSD		0.604	0.926	0.347
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>100.399%</u>	100.932%	99.262%
%RSD		<u>0.819</u>	0.540	1.710
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>99.850%</u>	99.624%
%RSD		<u>0.000</u>	<u>0.872</u>	0.573
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.571%	90.338%	97.423%
%RSD		1.152	1.118	3.787
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.578%	99.003%	-17.670
%RSD		1.165	0.408	12.560
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>99.596%</u>	<u>99.445%</u>	99.603%
%RSD		<u>0.299</u>	<u>0.430</u>	0.394
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.537%	100.433%	101.954%
%RSD		0.669	0.996	1.654
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.963%	98.567%	-0.407
%RSD		1.566	1.303	45.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.163%	97.176%	103.747%
%RSD		1.154	0.165	0.860
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.863%	92.140
%RSD		0.000	0.236	64.160
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.141%	90.111%	100.057%
%RSD		0.567	0.362	0.299
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.664%	97.080%	0.000
%RSD		0.491	1.015	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.518%	102.356%	90.946%
%RSD		0.519	0.648	0.343
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		100.573%	0.000	
%RSD		0.261	0.000	

CCB 11/30/2012 11:18:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		84.887%	0.020	0.398
%RSD		0.340	43.470	11.250
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		6.694	8.509	1.241
%RSD		11.740	12.860	6.590
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	12.270	18.540
%RSD		±0.000	9.493	5.807
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.483%	89.322%	-0.038
%RSD		0.443	0.573	203.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.295	-0.214	-28.650
%RSD		27.260	13.890	1.739
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.079	8.028	0.017
%RSD		21.270	11.910	31.440
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.016	0.070	0.568
%RSD		246.500	16.050	32.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.189%	-0.264	-0.045
%RSD		0.482	29.600	50.310
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.085	0.035	-0.054
%RSD		43.270	18.360	275.400
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.019	-0.095
%RSD		0.000	31.060	702.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.016	92.002%	0.114
%RSD		67.900	0.580	13.290
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.106	0.027	0.000
%RSD		13.010	65.740	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.967%	0.712	0.273
%RSD		0.682	12.850	6.626
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.019	0.000	
%RSD		11.270	0.000	

AG 1000 PPB 11/30/2012 11:24:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.315%	0.006	0.774
%RSD		0.432	173.800	10.100
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.756	2.359	1.222
%RSD		90.130	55.670	35.920
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	7.631	10.550
%RSD		±0.000	4.564	95.570
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.355%	86.032%	<u>M</u> 963.400
%RSD		0.168	1.075	<u>M</u> 0.444
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.231	-0.056	-26.160
%RSD		16.870	54.500	1.449
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.959	2.233	0.020
%RSD		2.675	12.860	32.530
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.153	0.184	0.859
%RSD		44.880	24.350	9.934
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		88.114%	-0.238	0.006
%RSD		0.358	27.120	635.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.029	0.021	<u>M</u> 920.000
%RSD		320.900	46.900	<u>M</u> 2.032
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	<u>TM</u> 1119.000	-618.500
%RSD		0.000	<u>TM</u> 0.648	6.077
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.040	90.354%	<u>M</u> 969.100
%RSD		152.600	0.678	<u>M</u> 1.036
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		<u>M</u> 904.200	0.393	0.000
%RSD		<u>M</u> 1.423	12.010	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.084%	<u>TM</u> 1028.000	0.125
%RSD		0.471	<u>TM</u> 1.218	6.453
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.013	0.000	
%RSD		14.290	0.000	

BLANK 11/30/2012 11:29:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.052%	0.002	0.015
%RSD		1.343	182.900	463.300
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1.285	3.102	0.007
%RSD		25.060	48.800	1114.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	1.758	18.670
%RSD		±0.000	11.140	24.970
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.348%	86.116%	0.991
%RSD		0.793	1.153	27.210
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.326	-0.159	-25.860
%RSD		101.700	12.400	2.497
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.031	1.750	0.004
%RSD		24.880	11.160	56.990
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.034	0.010	0.889
%RSD		40.160	61.510	5.021
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.448%	-0.127	0.029
%RSD		0.440	131.800	92.610
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.092	0.011	22.060
%RSD		22.930	39.740	16.710
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.328	1.270
%RSD		0.000	12.830	277.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.001	91.283%	1.574
%RSD		725.500	0.555	19.210
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		8.707	-0.004	0.000
%RSD		18.670	463.300	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.426%	19.520	0.075
%RSD		0.108	13.100	1.246
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	0.000	
%RSD		12.500	0.000	

AG 2000 PPB 11/30/2012 11:35:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		81.304%	-0.002	1.343
%RSD		0.516	276.300	12.480
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		0.612	1.361	2.002
%RSD		123.600	65.120	34.440
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-0.183	10.350
%RSD		±0.000	277.200	43.750
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.588%	85.865%	M 1937.000
%RSD		0.724	0.724	M 0.584
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.282	0.130	-21.800
%RSD		118.800	30.900	3.333
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.015	2.435	0.033
%RSD		33.180	15.530	9.756
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.259	0.183	0.496
%RSD		2.544	32.380	53.430
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.839%	-0.091	0.084
%RSD		0.328	28.390	95.880
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.022	0.018	M 1863.000
%RSD		134.800	60.920	M 1.853
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	TM 2306.000	-1265.000
%RSD		0.000	TM 0.701	8.264
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.208	87.293%	TM 2179.000
%RSD		53.750	0.137	TM 0.636
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		TM 2026.000	0.847	0.000
%RSD		TM 0.343	6.528	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.421%	TM 2092.000	0.049
%RSD		1.016	TM 0.380	13.830
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.016	0.000	
%RSD		14.060	0.000	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.359%	-0.002	-0.047
%RSD		0.436	191.700	126.900
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		-1.950	0.873	-0.187
%RSD		17.700	173.900	304.900
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-3.207	7.811
%RSD		±0.000	13.670	62.090
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.547%	84.886%	1.964
%RSD		0.577	0.456	25.470
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.274	-0.147	-24.280
%RSD		18.470	9.673	2.750
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		-0.019	-0.118	0.001
%RSD		77.930	113.000	173.200
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.024	-0.024	0.308
%RSD		99.250	166.200	27.550
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.690%	-0.169	0.069
%RSD		0.876	97.630	120.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.012	0.008	51.800
%RSD		638.900	56.130	16.930
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.332	5.575
%RSD		0.000	10.740	53.990
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.018	89.941%	2.341
%RSD		33.030	0.234	20.940
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		16.870	0.020	0.000
%RSD		15.070	141.600	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.605%	39.530	0.031
%RSD		0.618	14.120	22.480
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.005	0.000	
%RSD		41.350	0.000	

240-17317 -a-23-b@20, 11/30/2012 11:46:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.837%	0.755	5.518
%RSD		0.388	5.251	1.072
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		107.100	3122.000	<u>M</u> 5651.000
%RSD		2.424	0.945	<u>M</u> 0.807
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	381.000	34960.000
%RSD		<u>T</u> 0.000	0.244	0.713
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.789%	80.358%	78.070
%RSD		0.466	1.477	1.263
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		3.125	12.810	-26.040
%RSD		40.100	1.532	17.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> 811.900	<u>T</u> 10520.000	1.945
%RSD		<u>T</u> 0.473	<u>T</u> 1.297	2.045
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		17.960	135.400	<u>M</u> 801.400
%RSD		1.920	1.780	<u>M</u> 0.658
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.268%	4.712	0.029
%RSD		0.462	3.108	125.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.475	82.840	10.470
%RSD		23.870	0.585	5.999
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.250	-1.300
%RSD		0.000	49.080	573.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.312	86.116%	1.709
%RSD		11.230	0.139	7.194
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.990	73.270	0.000
%RSD		2.725	0.952	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.087%	9.883	0.081
%RSD		0.506	6.175	9.476
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		67.050	0.000	
%RSD		0.159	0.000	

240-17317 -a-24-b@10, 11/30/2012 11:51:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.880%	0.695	5.743
%RSD		0.741	6.865	0.564
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.990	3197.000	M 6061.000
%RSD		1.224	1.521	M 1.334
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	519.000	66240.000
%RSD		±0.000	0.476	0.389
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.752%	80.224%	74.810
%RSD		0.323	0.781	2.028
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		7.830	14.760	-32.080
%RSD		3.238	0.126	2.402
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±874.200	±17640.000	3.488
%RSD		±0.170	±0.182	3.701
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		19.390	M 959.000	134.900
%RSD		2.600	M 0.239	0.815
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.027%	11.570	0.113
%RSD		0.658	1.851	43.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.603	133.200	5.054
%RSD		16.170	0.715	7.513
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.100	-7.871
%RSD		0.000	13.800	24.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.449	86.554%	1.133
%RSD		10.740	0.579	1.991
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.649	82.430	0.000
%RSD		1.144	0.311	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.368%	4.900	0.150
%RSD		0.512	6.552	1.851
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		33.730	0.000	
%RSD		0.331	0.000	

240-17422 -a-9-d@10, 11/30/2012 11:56:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		85.453%	0.855	2.013
%RSD		0.385	2.687	8.418
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		41.620	2676.000	M 13910.000
%RSD		0.198	3.747	M 0.718
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	750.000	1738.000
%RSD		±0.000	0.824	1.396
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.006%	95.426%	51.320
%RSD		0.890	1.298	2.117
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		20.600	23.620	-24.810
%RSD		1.861	0.556	8.308
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		M 1269.000	T 28010.000	13.490
%RSD		M 0.401	T 0.675	1.016
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		28.650	36.250	M 200.200
%RSD		1.568	1.446	M 1.241
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.742%	19.470	0.140
%RSD		0.935	0.472	24.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.376	7.557	4.119
%RSD		9.147	1.153	1.773
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.077	-14.110
%RSD		0.000	6.991	55.780
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.699	96.469%	1.404
%RSD		4.945	0.508	3.920
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.671	84.780	0.000
%RSD		1.677	1.668	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.342%	2.793	0.216
%RSD		1.105	4.710	4.462
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		26.130	0.000	
%RSD		0.301	0.000	

240-17422 -a-9-k du@10, 11/30/2012 12:02:21 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		92.903%	0.851	1.940
%RSD		0.806	2.053	10.240
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		40.660	2583.000	M 13750.000
%RSD		2.755	1.144	M 0.799
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	723.500	1690.000
%RSD		± 0.000	0.677	1.573
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.441%	100.208%	52.350
%RSD		0.645	0.718	2.716
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		20.440	24.720	-21.980
%RSD		3.423	1.850	8.044
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		± 926.800	± 26900.000	12.790
%RSD		± 0.375	± 0.105	0.600
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		28.620	36.220	M 199.400
%RSD		3.598	0.640	M 1.604
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		97.949%	17.650	0.175
%RSD		0.638	0.242	40.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.063	7.591	2.985
%RSD		15.180	0.733	2.717
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.071	-10.870
%RSD		0.000	11.830	32.910
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.605	99.753%	1.484
%RSD		0.385	0.288	6.174
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.104	85.630	0.000
%RSD		4.283	1.017	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		101.759%	1.972	0.213
%RSD		0.485	1.745	5.522
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		24.800	0.000	
%RSD		0.601	0.000	

240-17422 -a-9-f ms@10, 11/30/2012 12:08:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		96.829%	10.280	8.487
%RSD		0.556	1.107	2.783
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		881.300	3785.000	M 16830.000
%RSD		1.156	1.418	M 0.926
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		1 0.000	1 1868.000	2545.000
%RSD		1 0.000	1 0.877	1.258
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		93.989%	102.800%	56.690
%RSD		0.588	1.049	10.450
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		31.810	35.860	-17.550
%RSD		1.242	0.641	4.100
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1 883.900	1 28300.000	22.770
%RSD		1 0.106	1 0.159	0.796
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		39.880	46.590	M 225.000
%RSD		1.200	1.921	M 0.121
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		99.372%	26.650	0.117
%RSD		0.490	0.614	93.990
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.993	16.990	10.990
%RSD		4.905	0.334	0.623
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	9.795	-8.238
%RSD		0.000	0.195	219.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		9.878	101.698%	8.931
%RSD		3.250	0.134	0.834
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.238	94.750	0.000
%RSD		1.514	1.079	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.010%	7.171	8.592
%RSD		0.460	1.393	0.750
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		34.500	0.000	
%RSD		0.609	0.000	

CCV 11/30/2012 12:13:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.784%	95.962%	93.704%
%RSD		0.503	0.251	0.404
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		102.206%	101.960%	98.512%
%RSD		0.682	0.553	0.685
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.471%	99.433%
%RSD		0.000	0.530	0.614
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.165%	86.159%	102.931%
%RSD		1.280	1.415	0.788
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.704%	99.375%	-19.240
%RSD		1.012	0.016	10.660
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.415%	100.798%	99.767%
%RSD		0.555	0.123	0.190
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.470%	101.751%	101.054%
%RSD		1.715	1.088	2.103
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.627%	98.217%	-0.434
%RSD		0.735	0.305	60.970
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.577%	96.915%	105.887%
%RSD		0.887	0.303	1.123
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.995%	9.422
%RSD		0.000	0.837	231.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.726%	88.415%	99.558%
%RSD		1.112	1.055	0.790
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		102.014%	96.685%	0.000
%RSD		0.390	1.498	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.607%	104.723%	92.631%
%RSD		1.195	0.540	0.633
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		102.192%	0.000	
%RSD		0.495	0.000	

CCB 11/30/2012 12:20:02 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.276%	0.040	0.300
%RSD		1.169	24.280	25.800
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9.211	12.580	0.893
%RSD		11.480	18.450	62.890
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	13.970	29.540
%RSD		±0.000	6.755	15.480
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.381%	84.516%	0.268
%RSD		0.844	1.127	63.740
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.175	-0.231	-30.360
%RSD		98.770	8.383	0.647
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.159	10.250	0.019
%RSD		7.384	11.240	24.430
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.001	0.060	0.404
%RSD		799.700	36.220	23.440
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.767%	-0.266	0.037
%RSD		0.591	85.220	115.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.076	0.037	0.496
%RSD		7.847	43.130	34.510
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.028	0.100
%RSD		0.000	27.930	409.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.012	89.893%	0.169
%RSD		122.700	0.213	30.350
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.682	0.030	0.000
%RSD		2.438	96.030	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.656%	1.636	0.316
%RSD		1.039	8.285	8.639
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.030	0.000	
%RSD		10.260	0.000	

240-17422 -a-9-d@20, 11/30/2012 12:25:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.502%	0.430	1.176
%RSD		0.324	8.917	5.086
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		19.990	1336.000	M 6970.000
%RSD		4.746	1.541	M 0.996
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	365.200	878.300
%RSD		±0.000	0.326	1.934
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.140%	86.789%	25.640
%RSD		0.542	1.746	4.909
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		10.050	11.740	-28.790
%RSD		3.357	1.894	4.583
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±621.900	±13940.000	6.712
%RSD		±0.280	±0.249	0.910
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		14.120	18.050	100.800
%RSD		0.801	1.847	0.434
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.277%	9.392	0.103
%RSD		1.580	1.254	59.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.522	3.784	0.873
%RSD		26.270	1.227	5.085
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.028	-5.729
%RSD		0.000	34.180	46.150
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.334	91.994%	0.667
%RSD		4.565	0.550	0.282
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.183	41.300	0.000
%RSD		0.745	2.368	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.411%	0.875	0.222
%RSD		0.437	4.592	2.608
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		13.150	0.000	
%RSD		0.920	0.000	

CRI-751770 11/30/2012 12:31:07 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.566%	99.084%	96.475%
%RSD		0.438	3.921	3.020
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		91.595%	105.454%	111.102%
%RSD		0.745	4.273	1.773
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		100.000	89.352%	97.682%
%RSD		0.000	0.545	1.281
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.764%	79.734%	112.134%
%RSD		0.246	0.345	9.001
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.241%	89.950%	-29.200
%RSD		6.314	7.593	4.840
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		106.264%	123.075%	101.006%
%RSD		0.232	1.466	3.264
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.822%	108.296%	105.555%
%RSD		4.013	7.924	3.232
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.251%	82.209%	-0.083
%RSD		1.023	5.547	33.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		106.740%	92.722%	92.884%
%RSD		16.130	1.369	1.791
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	105.323%	4.725
%RSD		0.000	4.460	62.580
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		92.099%	87.019%	98.969%
%RSD		7.968	0.480	0.397
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		178.823%	107.369%	0.000
%RSD		3.415	6.631	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.378%	104.432%	102.662%
%RSD		0.243	1.909	0.550
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		110.511%	0.000	
%RSD		1.610	0.000	

MDLV 11/30/2012 12:36:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.248%	1.001	42.770
%RSD		0.354	2.620	1.501
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		396.300	279.300	52.010
%RSD		0.561	3.616	6.017
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	83.820	1028.000
%RSD		±0.000	0.875	1.096
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.190%	82.535%	2.693
%RSD		0.759	1.107	23.270
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.335	4.533	-24.930
%RSD		16.890	1.588	2.446
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.226	299.700	0.162
%RSD		0.624	1.059	8.992
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.660	3.441	22.660
%RSD		5.603	3.240	3.933
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		85.204%	1.252	-0.042
%RSD		0.981	8.380	49.360
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.633	2.417	3.596
%RSD		7.488	3.292	4.320
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.080	1.417
%RSD		0.000	4.095	156.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.117	88.562%	103.500
%RSD		29.410	0.303	0.709
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.968	2.963	0.000
%RSD		2.988	4.262	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.334%	0.674	1.530
%RSD		0.046	5.273	1.248
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.333	0.000	
%RSD		0.440	0.000	

240-17677 -b-6-a, 11/30/2012 12:42:08 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.788%	0.006	70.950
%RSD		0.179	78.630	0.720
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13670.000	53900.000	11.940
%RSD		0.652	1.271	9.675
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	2171.000	96340.000
%RSD		0.000	0.371	0.311
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.983%	85.653%	0.591
%RSD		0.851	0.478	35.060
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.104	0.208	-22.450
%RSD		204.100	14.100	2.268
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		31.250	2089.000	29.550
%RSD		0.542	1.344	1.247
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.471	0.764	4.298
%RSD		4.325	7.542	3.205
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.875%	13.480	0.483
%RSD		0.397	1.802	15.030
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.026	6418.000	44.860
%RSD		90.550	0.182	0.550
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	2.370
%RSD		0.000	27.820	121.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.014	89.182%	0.288
%RSD		16.510	0.354	10.210
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.179	53.290	0.000
%RSD		1.587	0.687	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.323%	1.499	0.081
%RSD		0.803	1.073	8.160
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.045	0.000	
%RSD		13.850	0.000	

240-17677 -b-7-a, 11/30/2012 12:47:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.989%	0.003	0.675
%RSD		0.134	0.359	12.240
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		63.380	16.150	2.003
%RSD		3.454	33.980	13.630
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-13.320	24.140
%RSD		±0.000	7.209	18.810
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.249%	83.377%	0.162
%RSD		0.523	1.051	77.210
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.072	-0.029	-16.850
%RSD		389.100	71.040	7.331
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.168	4.207	0.012
%RSD		4.126	11.080	64.290
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.015	0.278	0.751
%RSD		81.890	19.450	15.460
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.872%	0.074	0.482
%RSD		0.415	117.300	5.931
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		-0.004	1.118	-0.304
%RSD		1260.000	35.670	22.580
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	-0.430
%RSD		0.000	2645.000	78.510
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.003	88.879%	0.111
%RSD		178.000	0.058	20.650
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.665	0.079	0.000
%RSD		4.576	32.490	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.839%	0.400	0.027
%RSD		0.347	3.445	27.990
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		-0.001	0.000	
%RSD		173.900	0.000	

240-17822 -d-8-a, 11/30/2012 12:53:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.928%	-0.001	9.779
%RSD		0.366	112.100	1.786
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		16730.000	651.800	45.290
%RSD		1.359	5.357	2.263
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±4172.000	±246900.000
%RSD		±0.000	±0.678	±0.246
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.650%	75.320%	0.131
%RSD		0.508	1.061	40.920
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-12.760	±430.100	32.960
%RSD		5.928	±1.144	7.755
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		13.880	-63.990	0.257
%RSD		0.344	2.196	12.400
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.743	1.315	0.817
%RSD		18.950	7.944	24.220
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.578%	1.032	0.546
%RSD		0.488	5.259	11.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.102	±979.500	2.327
%RSD		14.810	±0.790	5.240
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	0.139
%RSD		0.000	60.230	330.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	81.352%	0.138
%RSD		303.100	0.719	1.051
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.060	26.380	0.000
%RSD		2.307	0.718	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.165%	0.398	0.009
%RSD		0.031	1.579	11.680
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.014	0.000	
%RSD		5.575	0.000	

CCV 11/30/2012 12:58:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.867%	97.151%	95.043%
%RSD		0.943	0.782	0.681
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.446%	101.106%	100.261%
%RSD		0.972	1.063	2.175
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.333%	99.717%
%RSD		0.000	0.521	0.422
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.801%	85.136%	97.238%
%RSD		0.830	1.738	1.530
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.431%	99.816%	-17.060
%RSD		0.917	0.515	9.609
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.267%	101.069%	99.969%
%RSD		0.503	0.453	0.405
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		101.566%	102.264%	104.741%
%RSD		0.273	0.456	1.898
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		82.313%	98.949%	-0.686
%RSD		1.317	1.126	44.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.571%	97.951%	104.925%
%RSD		2.133	0.431	0.480
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.574%	14.030
%RSD		0.000	0.622	421.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.732%	87.254%	99.473%
%RSD		0.759	0.751	0.971
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.175%	96.993%	0.000
%RSD		0.804	1.448	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.955%	102.819%	92.097%
%RSD		1.067	0.725	0.691
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		101.547%	0.000	
%RSD		0.402	0.000	

CCB 11/30/2012 13:04:57 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.633%	0.027	0.404
%RSD		0.333	51.230	26.190
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10.860	14.320	1.179
%RSD		5.351	19.760	67.230
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	10.900	25.140
%RSD		±0.000	4.239	34.310
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.275%	81.943%	0.025
%RSD		0.772	0.139	694.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.475	-0.208	-27.650
%RSD		32.640	13.160	1.522
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.116	11.250	0.030
%RSD		5.407	11.910	17.560
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.021	0.032	0.409
%RSD		66.040	200.400	50.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.268%	-0.270	0.003
%RSD		0.928	21.370	5247.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.077	0.047	-0.074
%RSD		100.200	17.770	204.100
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.029	0.304
%RSD		0.000	33.210	153.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.031	88.104%	0.146
%RSD		28.750	0.231	11.890
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.986	0.012	0.000
%RSD		2.935	80.230	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.888%	1.017	0.308
%RSD		0.798	12.040	11.350
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.038	0.000	
%RSD		8.491	0.000	

mb 240-66713/1-a, 11/30/2012 13:10:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.462%	0.011	0.173
%RSD		0.145	39.270	54.020
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		33.870	48.960	2.064
%RSD		4.564	14.450	10.350
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	2.224	232.700
%RSD		±0.000	29.810	4.290
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.703%	80.722%	0.172
%RSD		0.311	0.263	77.350
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.199	-0.129	-27.320
%RSD		143.500	17.220	2.101
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.418	10.840	0.007
%RSD		4.346	0.805	57.850
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.085	0.697	11.240
%RSD		27.750	10.510	3.274
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.936%	-0.192	0.510
%RSD		0.523	25.510	6.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.058	0.422	-0.670
%RSD		130.700	2.368	3.342
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.012	-0.162
%RSD		0.000	10.920	78.490
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.005	87.082%	0.263
%RSD		1.187	0.620	9.332
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.723	0.681	0.000
%RSD		3.238	8.942	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.087%	0.458	0.138
%RSD		0.456	1.391	5.398
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.100	0.000	
%RSD		5.408	0.000	

Ics 240-66713/2-a, 11/30/2012 13:15:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.934%	<u>M932.600</u>	91.120
%RSD		1.163	<u>M1.532</u>	2.063
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8487.000	9664.000	<u>M9312.000</u>
%RSD		0.273	0.797	<u>M0.186</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T0.000</u>	<u>T9464.000</u>	9311.000
%RSD		<u>T0.000</u>	<u>T0.704</u>	0.660
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.507%	78.291%	91.710
%RSD		0.499	0.637	1.392
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M902.700</u>	<u>M936.900</u>	100.800
%RSD		<u>M0.421</u>	<u>M0.287</u>	5.414
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T962.800</u>	<u>T9478.000</u>	<u>M924.200</u>
%RSD		<u>T0.387</u>	<u>T0.415</u>	<u>M0.311</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M942.500</u>	<u>M963.300</u>	<u>M995.100</u>
%RSD		<u>M0.426</u>	<u>M0.429</u>	<u>M0.504</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.320%	<u>M907.900</u>	-5.468
%RSD		0.924	<u>M0.066</u>	8.666
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M936.600</u>	<u>M872.200</u>	91.050
%RSD		<u>M0.057</u>	<u>M0.494</u>	0.858
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.160	537.700
%RSD		0.000	0.572	36.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M936.600</u>	84.387%	91.670
%RSD		<u>M0.874</u>	0.089	0.163
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		93.440	<u>M900.800</u>	0.000
%RSD		1.237	<u>M0.755</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.981%	93.280	<u>TM251.700</u>
%RSD		1.463	0.052	<u>TM1.439</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM1100.000</u>	0.000	
%RSD		<u>TM1.039</u>	0.000	

240-17618 -f-2-a, 11/30/2012 13:23:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.575%	0.280	0.628
%RSD		0.273	16.550	13.130
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		66.540	118.200	146.600
%RSD		0.917	9.104	2.121
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	18.580	246.000
%RSD		±0.000	7.504	9.997
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.163%	75.537%	84.680
%RSD		0.535	1.213	2.576
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		9.563	4.122	-30.460
%RSD		3.509	1.502	4.235
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		10.050	2545.000	0.592
%RSD		1.067	0.102	8.012
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.556	1.154	3.731
%RSD		5.467	6.491	11.660
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.262%	0.096	0.468
%RSD		0.355	35.950	3.545
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.435	0.806	-0.072
%RSD		47.600	12.880	128.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.037	-0.995
%RSD		0.000	32.340	118.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.253	83.282%	0.217
%RSD		13.990	0.631	5.414
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.937	1.546	0.000
%RSD		2.050	6.161	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.539%	1.038	0.543
%RSD		0.497	9.378	8.066
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.614	0.000	
%RSD		10.500	0.000	

SD 240-17618 -f-2-a@5, 11/30/2012 13:28:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.279%	0.102	0.041
%RSD		0.409	37.580	73.230
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		16.540	29.060	33.660
%RSD		14.710	20.060	4.022
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-0.448	55.030
%RSD		±0.000	43.700	9.749
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.540%	76.075%	17.670
%RSD		0.189	1.091	8.588
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		1.792	0.822	-28.880
%RSD		11.570	8.852	1.557
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.104	529.700	0.285
%RSD		1.272	0.139	35.580
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.557	0.463	1.204
%RSD		18.000	14.690	19.390
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.130%	-0.137	0.138
%RSD		0.452	29.020	39.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.314	0.328	-0.667
%RSD		38.950	25.220	10.350
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.030	0.578
%RSD		0.000	33.770	855.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.227	83.424%	0.101
%RSD		48.600	0.249	29.840
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.031	0.517	0.000
%RSD		4.312	17.560	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.392%	0.462	0.270
%RSD		0.756	1.235	7.235
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.334	0.000	
%RSD		23.140	0.000	

240-17618 -f-2-b ms, 11/30/2012 13:34:14 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.789%	M 970.200	95.690
%RSD		0.726	M 0.395	1.234
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9037.000	10330.000	M 9938.000
%RSD		0.673	0.859	M 1.010
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9879.000	9771.000
%RSD		T 0.000	T 0.661	0.534
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.565%	79.673%	M 212.100
%RSD		0.354	1.392	M 1.668
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 968.500	M 995.100	110.000
%RSD		M 0.145	M 0.577	6.058
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1020.000	T 13920.000	M 979.400
%RSD		TM 0.385	T 0.269	M 0.539
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 996.600	M 1016.000	M 1028.000
%RSD		M 0.747	M 0.927	M 0.684
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.845%	M 944.100	-4.813
%RSD		0.829	M 0.637	12.990
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 956.000	M 908.600	96.100
%RSD		M 1.145	M 0.966	1.388
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	100.300	655.900
%RSD		0.000	0.613	30.980
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 963.000	86.739%	95.670
%RSD		M 0.494	0.266	0.590
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		96.360	M 935.200	0.000
%RSD		1.294	M 0.640	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.355%	98.510	TM 267.700
%RSD		0.234	1.651	TM 0.745
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1149.000	0.000	
%RSD		TM 0.685	0.000	

240-17618 -f-2-c msd, 11/30/2012 13:41:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.455%	M 946.100	93.870
%RSD		0.660	M 0.376	0.867
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8826.000	10050.000	M 9666.000
%RSD		0.289	1.170	M 0.241
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9562.000	9438.000
%RSD		T 0.000	T 0.589	0.459
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.505%	78.709%	149.900
%RSD		0.044	1.083	2.459
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 932.800	M 967.500	109.900
%RSD		M 0.659	M 0.599	4.396
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 988.100	T 12110.000	M 953.300
%RSD		T 0.214	T 0.454	M 0.591
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 968.300	M 987.300	M 1002.000
%RSD		M 0.324	M 0.317	M 0.957
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.083%	M 917.500	-4.933
%RSD		1.595	M 0.926	8.903
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 927.300	M 883.400	94.440
%RSD		M 1.455	M 0.498	0.917
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.000	571.200
%RSD		0.000	0.498	32.330
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 933.900	86.503%	92.250
%RSD		M 0.527	0.793	0.374
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		94.120	M 907.200	0.000
%RSD		1.065	M 0.459	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.385%	96.730	TM 262.400
%RSD		1.256	0.130	TM 1.015
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1116.000	0.000	
%RSD		TM 0.648	0.000	

240-17618 -g-2-a, 11/30/2012 13:48:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.234%	0.061	0.925
%RSD		0.918	23.330	14.310
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		69.400	7.681	9.743
%RSD		1.678	11.700	8.045
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	-7.996	15.810
%RSD		±0.000	5.978	40.820
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.161%	77.574%	0.630
%RSD		0.505	0.930	44.570
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.260	0.515	-27.900
%RSD		28.460	39.260	0.469
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.342	18.270	0.429
%RSD		1.688	5.832	39.130
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.466	0.917	3.187
%RSD		40.360	15.380	11.470
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.364%	0.177	0.425
%RSD		0.091	77.070	20.320
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.855	0.422	-0.056
%RSD		15.840	33.380	152.900
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.052	-2.838
%RSD		0.000	37.440	9.438
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.390	85.500%	0.254
%RSD		53.090	0.708	11.850
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.226	0.461	0.000
%RSD		3.833	41.170	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.019%	1.152	0.725
%RSD		0.588	6.482	1.201
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.538	0.000	
%RSD		31.740	0.000	

240-17618 -f-3-a, 11/30/2012 13:54:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.804%	0.024	M 360.900
%RSD		0.226	37.390	M 0.218
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		19980.000	57230.000	123.400
%RSD		7.597	1.780	3.145
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	13100.000	M 148300.000
%RSD		0.000	0.275	M 0.457
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.646%	80.729%	7.548
%RSD		0.865	1.177	6.876
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.559	10.230	-22.770
%RSD		22.260	1.506	1.122
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		10.350	147.800	0.259
%RSD		0.888	1.160	32.220
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		4.136	6.222	11.650
%RSD		8.660	1.239	4.435
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.414%	1.009	0.600
%RSD		0.331	10.010	12.590
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.380	M 343.700	7.293
%RSD		1.434	M 0.946	1.204
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.008	1.169
%RSD		0.000	100.200	339.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.084	86.284%	0.107
%RSD		88.070	0.940	18.860
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.172	35.420	0.000
%RSD		3.279	1.354	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.740%	0.507	0.332
%RSD		0.467	2.207	3.515
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.883	0.000	
%RSD		7.705	0.000	

240-17618 -g-3-a, 11/30/2012 13:59:31 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.598%	0.075	M 361.500
%RSD		1.209	3.326	M 0.942
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		19330.000	57310.000	3.091
%RSD		0.543	0.737	10.910
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		± 0.000	± 13180.000	M 149300.000
%RSD		± 0.000	± 0.695	M 0.427
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.851%	80.596%	0.057
%RSD		0.453	1.114	150.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.372	3.033	-22.970
%RSD		35.410	3.670	1.007
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		5.942	-39.010	0.493
%RSD		0.595	0.863	4.921
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.795	4.295	9.280
%RSD		1.759	1.938	3.620
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.633%	1.100	0.566
%RSD		0.638	29.200	8.972
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.193	M 347.400	7.290
%RSD		8.523	M 0.257	3.317
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	1.026
%RSD		0.000	505.900	106.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.032	85.342%	0.139
%RSD		32.750	0.607	7.393
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.987	34.890	0.000
%RSD		2.637	3.404	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.933%	0.336	0.218
%RSD		0.755	1.319	4.289
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.472	0.000	
%RSD		1.415	0.000	

240-17618 -f-4-a, 11/30/2012 14:04:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.631%	1.245	M 399.900
%RSD		0.528	1.331	M 1.109
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		14440.000	M 132300.000	M 28840.000
%RSD		0.777	M 0.779	M 0.549
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 9925.000	M 311500.000
%RSD		T 0.000	T 0.607	M 0.485
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.633%	78.459%	M 1415.000
%RSD		0.565	0.907	M 0.956
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		79.390	45.780	-14.610
%RSD		0.715	0.868	8.111
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 851.900	T 32900.000	18.240
%RSD		T 0.079	T 1.138	1.183
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		41.950	41.580	91.370
%RSD		2.106	1.319	0.585
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.427%	6.374	0.771
%RSD		0.988	1.306	15.330
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		10.870	M 444.300	1.677
%RSD		8.621	M 0.891	10.620
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.071	-9.557
%RSD		0.000	3.219	36.420
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.492	83.074%	1.136
%RSD		1.447	0.206	5.370
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.357	M 355.600	0.000
%RSD		2.487	M 0.711	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.862%	0.409	0.501
%RSD		1.074	5.302	2.592
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		15.000	0.000	
%RSD		0.312	0.000	

CCV 11/30/2012 14:10:26 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.313%	97.384%	97.667%
%RSD		0.321	0.353	0.360
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.874%	102.646%	99.575%
%RSD		0.508	0.559	3.126
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.619%	99.965%
%RSD		0.000	0.375	0.411
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.619%	85.456%	103.444%
%RSD		0.695	1.114	2.734
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		99.164%	100.629%	-18.270
%RSD		0.590	0.462	13.100
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		100.918%	102.049%	100.194%
%RSD		0.389	0.510	0.619
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.396%	101.991%	103.939%
%RSD		1.520	0.689	0.727
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.891%	98.677%	-0.479
%RSD		0.894	0.501	22.160
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		97.803%	96.816%	104.111%
%RSD		3.012	0.310	0.383
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.754%	60.470
%RSD		0.000	0.836	59.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		98.756%	89.276%	98.256%
%RSD		0.972	0.219	0.648
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.709%	96.425%	0.000
%RSD		0.427	0.793	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.313%	104.106%	94.706%
%RSD		0.584	0.894	0.485
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		102.280%	0.000	
%RSD		0.340	0.000	

CCB 11/30/2012 14:17:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.135%	0.024	1.300
%RSD		0.226	50.910	10.160
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13.050	16.470	1.602
%RSD		6.367	27.870	24.200
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	11.760	31.560
%RSD		±0.000	6.635	19.230
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		76.548%	80.434%	0.230
%RSD		0.672	0.238	112.700
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.316	-0.209	-26.610
%RSD		49.220	13.110	2.967
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.147	13.040	0.036
%RSD		3.105	5.882	21.630
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		-0.001	0.056	0.605
%RSD		1496.000	42.530	32.680
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.896%	-0.223	0.087
%RSD		0.624	52.940	21.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.148	0.065	-0.330
%RSD		54.330	13.260	32.700
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.039	0.037
%RSD		0.000	8.736	1273.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.041	87.174%	0.156
%RSD		55.760	1.137	20.100
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.547	0.043	0.000
%RSD		2.632	89.570	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.992%	0.810	0.399
%RSD		0.879	12.800	7.073
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.041	0.000	
%RSD		15.000	0.000	

240-17618 -g-4-a, 11/30/2012 14:22:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.645%	0.021	M 407.600
%RSD		0.770	45.560	M 0.644
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		11690.000	77070.000	2.411
%RSD		0.928	0.604	19.210
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±3542.000	M 159000.000
%RSD		±0.000	±0.369	M 0.275
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.782%	81.797%	0.340
%RSD		0.459	0.554	52.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.862	4.040	-21.960
%RSD		42.010	2.164	3.415
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		55.680	-45.370	0.204
%RSD		0.234	1.985	9.091
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		2.359	3.647	7.301
%RSD		4.669	3.549	5.451
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.608%	1.266	0.529
%RSD		0.415	12.960	19.440
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.849	M 292.900	1.390
%RSD		2.344	M 0.386	3.534
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.009	0.930
%RSD		0.000	66.990	123.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.045	86.819%	0.067
%RSD		16.010	1.275	30.760
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.795	87.350	0.000
%RSD		3.577	0.940	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.085%	0.392	0.189
%RSD		1.025	1.481	4.160
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.160	0.000	
%RSD		1.820	0.000	

240-17618 -f-5-a, 11/30/2012 14:28:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.884%	0.196	68.930
%RSD		0.844	7.297	1.503
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		12860.000	37230.000	M 5116.000
%RSD		0.508	1.224	M 1.227
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 3749.000	89370.000
%RSD		T 0.000	T 0.752	0.436
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.582%	77.525%	M 212.600
%RSD		0.165	0.272	M 5.779
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		11.600	7.790	-20.950
%RSD		0.734	1.406	3.052
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 663.500	5358.000	3.281
%RSD		T 0.434	0.880	2.162
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		6.751	20.580	36.360
%RSD		3.394	2.264	2.280
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.457%	1.795	0.556
%RSD		0.354	5.010	14.330
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.471	M 201.900	1.621
%RSD		17.560	M 1.036	9.538
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.061	-4.600
%RSD		0.000	16.940	98.320
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.105	83.527%	0.340
%RSD		32.600	0.331	5.398
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.796	142.500	0.000
%RSD		6.326	0.383	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.462%	0.317	0.196
%RSD		0.530	4.960	2.820
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.383	0.000	
%RSD		1.301	0.000	

240-17618 -g-5-a, 11/30/2012 14:33:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.328%	0.014	64.270
%RSD		0.341	30.120	1.309
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		13440.000	37790.000	6.877
%RSD		0.419	0.122	15.710
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±2321.000	91460.000
%RSD		±0.000	±0.318	0.817
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.136%	78.017%	1.520
%RSD		0.250	0.863	79.190
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.878	-0.026	-23.380
%RSD		15.390	64.200	1.609
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		±774.500	-8.813	1.114
%RSD		±0.277	18.650	6.634
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.815	5.569	24.790
%RSD		10.910	0.529	2.247
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.536%	0.783	0.525
%RSD		0.664	26.730	2.095
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.182	M209.700	1.679
%RSD		40.460	M1.114	15.230
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	-0.050
%RSD		0.000	52.730	3925.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.035	83.895%	0.137
%RSD		26.220	0.741	12.090
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.753	112.800	0.000
%RSD		3.493	1.687	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.123%	0.212	0.106
%RSD		0.456	3.100	3.829
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.462	0.000	
%RSD		2.471	0.000	

240-17732 -j-3-a, 11/30/2012 14:39:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		66.737%	0.005	103.600
%RSD		0.577	132.600	0.482
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		18200.000	26.970	684.100
%RSD		0.990	25.200	0.383
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±30390.000	±116800.000
%RSD		±0.000	±0.421	±0.279
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.420%	71.708%	0.207
%RSD		0.606	0.772	117.100
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		3.120	-0.175	-32.750
%RSD		2.202	14.390	0.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.381	-27.120	0.106
%RSD		3.161	1.693	15.330
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.427	0.407	1.166
%RSD		22.720	19.820	6.419
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.983%	0.941	0.509
%RSD		0.642	10.400	10.950
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.864	±612.000	24.120
%RSD		15.380	±0.232	2.671
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	1.618
%RSD		0.000	274.000	121.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	78.763%	0.225
%RSD		810.200	0.789	6.773
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.795	100.700	0.000
%RSD		2.366	0.319	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.052%	10.550	0.079
%RSD		0.633	0.841	3.144
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.012	0.000	
%RSD		8.587	0.000	

240-18016 -j-1-a, 11/30/2012 14:45:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.349%	0.146	M 199.000
%RSD		0.060	20.320	M 0.876
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		M 1155000.000	13260.000	M 3651.000
%RSD		M 1.361	1.625	M 1.107
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		I 0.000	I 8130.000	91840.000
%RSD		I 0.000	I 0.940	0.475
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.846%	69.898%	107.200
%RSD		0.609	0.248	1.904
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		7.950	4.820	-29.590
%RSD		2.669	2.463	3.611
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		107.700	3982.000	2.038
%RSD		0.793	0.894	1.685
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		6.378	5.627	16.300
%RSD		2.465	2.467	2.878
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.265%	2.261	0.473
%RSD		0.963	6.239	16.890
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.252	M 331.200	9.827
%RSD		34.210	M 0.124	0.537
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.038	0.312
%RSD		0.000	6.279	783.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.124	71.146%	0.322
%RSD		21.730	0.263	3.829
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.769	92.040	0.000
%RSD		2.282	1.234	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.351%	0.291	0.174
%RSD		0.570	9.506	11.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.506	0.000	
%RSD		0.557	0.000	

250-8142-f-1-a, 11/30/2012 14:50:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.199%	0.005	4.420
%RSD		0.503	66.360	3.532
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		596.300	93.660	169.000
%RSD		11.700	0.632	3.235
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	146.700	770.100
%RSD		±0.000	1.525	4.427
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.467%	76.919%	13.550
%RSD		0.164	0.665	7.028
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.439	0.405	-25.710
%RSD		16.460	11.830	1.251
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		7.406	321.200	0.125
%RSD		0.806	0.522	13.250
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.651	4.859	75.980
%RSD		12.500	2.241	1.325
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.579%	-0.020	0.476
%RSD		0.666	591.400	8.807
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.034	3.204	-0.702
%RSD		236.000	4.096	1.481
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.010	-0.138
%RSD		0.000	36.270	2867.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.110	84.864%	0.261
%RSD		12.000	0.429	4.623
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.797	4.018	0.000
%RSD		3.459	5.033	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.326%	1.732	0.057
%RSD		0.629	0.670	9.455
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.576	0.000	
%RSD		1.210	0.000	

250-8142-f-2-a, 11/30/2012 14:56:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.094%	0.011	7.619
%RSD		0.109	50.200	1.276
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1169.000	139.000	25.720
%RSD		3.449	9.333	5.683
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	583.400	4841.000
%RSD		±0.000	0.630	0.934
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.166%	76.015%	0.737
%RSD		0.359	0.487	51.230
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.190	0.060	-25.280
%RSD		125.100	41.680	3.200
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		5.634	74.260	0.098
%RSD		0.492	0.718	8.939
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.519	3.112	307.100
%RSD		8.481	9.384	0.522
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.641%	0.074	0.416
%RSD		0.763	215.100	12.920
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.089	15.330	-0.654
%RSD		98.270	0.383	7.690
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.005	1.328
%RSD		0.000	39.380	159.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.049	83.966%	0.063
%RSD		28.020	0.545	12.270
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.279	23.240	0.000
%RSD		4.911	0.879	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.596%	0.545	0.047
%RSD		0.124	1.244	8.334
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.395	0.000	
%RSD		2.092	0.000	

240-17879 -b-2-b, 11/30/2012 15:01:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.036%	0.006	67.150
%RSD		0.037	126.900	0.661
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		25550.000	58320.000	15.780
%RSD		0.691	0.427	12.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4134.000	135500.000
%RSD		0.000	0.497	0.560
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.993%	81.411%	0.027
%RSD		0.470	0.679	185.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.313	20.650	-18.170
%RSD		32.790	2.126	0.887
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		10.160	-23.540	0.114
%RSD		1.395	4.446	15.150
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.995	0.752	2.357
%RSD		4.146	8.513	13.170
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.399%	1.229	0.501
%RSD		1.245	3.673	23.910
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.913	781.100	0.309
%RSD		20.470	0.602	9.978
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.002	-0.009
%RSD		0.000	92.920	8608.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.018	85.060%	0.028
%RSD		152.900	0.489	63.790
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.744	30.310	0.000
%RSD		5.672	2.054	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.894%	0.146	0.042
%RSD		0.806	0.990	4.998
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.011	0.000	
%RSD		35.770	0.000	

240-17879 -b-3-b, 11/30/2012 15:07:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.436%	0.007	70.180
%RSD		0.209	195.600	0.933
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		25980.000	58520.000	17.380
%RSD		0.963	1.413	7.491
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4266.000	137200.000
%RSD		0.000	0.494	0.690
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		78.116%	81.765%	0.141
%RSD		0.528	0.736	105.900
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.338	22.770	-15.400
%RSD		147.100	0.917	8.323
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		11.170	-13.150	0.104
%RSD		0.896	6.619	12.030
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.102	1.134	2.077
%RSD		5.918	3.997	8.533
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.386%	1.438	0.542
%RSD		1.110	8.077	23.070
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.821	791.800	0.321
%RSD		7.372	0.494	39.430
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.003	-0.159
%RSD		0.000	56.010	82.640
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.019	85.229%	0.085
%RSD		66.800	0.468	9.679
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.725	30.840	0.000
%RSD		7.788	0.123	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.692%	0.123	0.035
%RSD		0.400	6.897	9.729
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.025	0.000	
%RSD		4.806	0.000	

240-17879 -b-4-b, 11/30/2012 15:12:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.477%	0.004	85.100
%RSD		1.015	182.900	0.714
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		22960.000	51840.000	17.280
%RSD		0.626	0.347	8.551
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	4667.000	124100.000
%RSD		0.000	0.215	0.077
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.750%	79.741%	0.030
%RSD		0.902	0.495	170.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.586	40.850	-12.860
%RSD		92.050	1.169	12.810
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		10.190	-22.060	0.087
%RSD		0.219	0.065	11.600
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.725	0.882	2.039
%RSD		4.221	11.630	16.270
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.864%	1.551	0.506
%RSD		0.368	14.240	13.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.316	688.400	0.978
%RSD		10.860	1.133	6.111
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	-0.235
%RSD		0.000	503.100	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.009	83.178%	0.073
%RSD		192.400	0.244	18.280
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.689	30.030	0.000
%RSD		7.101	1.277	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.455%	0.130	0.029
%RSD		0.498	12.050	31.040
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.018	0.000	
%RSD		22.980	0.000	

CCV 11/30/2012 15:18:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.184%	97.639%	96.227%
%RSD		0.067	0.160	0.652
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		103.709%	105.476%	101.861%
%RSD		1.101	0.811	2.514
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	100.737%	99.826%
%RSD		0.000	0.902	0.757
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.073%	78.175%	100.560%
%RSD		0.338	1.237	3.418
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.947%	100.121%	-14.780
%RSD		0.884	0.972	10.710
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		99.764%	101.398%	98.659%
%RSD		0.218	0.863	0.452
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.548%	99.691%	105.073%
%RSD		1.090	1.888	0.128
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.421%	97.769%	-0.523
%RSD		0.751	0.473	53.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		98.634%	96.829%	102.069%
%RSD		0.775	0.898	1.058
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.913%	73.870
%RSD		0.000	0.312	62.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.234%	83.093%	98.651%
%RSD		0.274	1.159	0.460
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		98.426%	96.407%	0.000
%RSD		0.519	0.507	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.247%	103.025%	93.942%
%RSD		1.119	0.988	0.974
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		102.418%	0.000	
%RSD		0.923	0.000	

CCB 11/30/2012 15:24:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.218%	0.041	0.637
%RSD		0.326	5.497	8.394
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		47.770	57.370	2.457
%RSD		4.310	5.873	17.610
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	16.450	41.810
%RSD		±0.000	3.758	7.784
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.749%	77.583%	0.093
%RSD		0.664	1.462	199.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.214	-0.148	-26.700
%RSD		37.150	26.310	2.310
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.181	22.440	0.087
%RSD		2.486	2.512	11.390
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.042	0.077	0.486
%RSD		64.470	92.240	45.170
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.990%	-0.081	0.045
%RSD		0.435	62.300	100.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.173	0.278	-0.339
%RSD		32.570	15.200	11.780
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.081	0.479
%RSD		0.000	7.597	249.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.077	84.164%	0.171
%RSD		12.060	0.409	22.350
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.383	0.067	0.000
%RSD		5.561	49.070	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.736%	0.816	0.378
%RSD		0.677	12.680	2.847
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.094	0.000	
%RSD		4.180	0.000	

240-17879 -c-15 -b, 11/30/2012 15:30:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		80.199%	0.007	43.110
%RSD		0.335	47.730	0.812
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>30950.000</u>	24240.000	15.890
%RSD		<u>1.163</u>	1.156	5.934
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>3775.000</u>	89590.000
%RSD		<u>0.000</u>	<u>0.819</u>	0.382
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.337%	76.756%	0.126
%RSD		0.637	1.140	110.000
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.114	6.616	-21.540
%RSD		198.900	2.681	6.356
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		12.670	-5.495	0.128
%RSD		0.355	10.640	4.664
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.266	1.127	2.522
%RSD		3.501	12.980	12.030
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.729%	0.731	0.465
%RSD		0.935	15.820	11.410
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.223	<u>M445.500</u>	-0.322
%RSD		23.650	<u>M1.230</u>	10.180
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.000	0.058
%RSD		0.000	597.700	877.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.007	81.341%	0.098
%RSD		99.060	0.551	15.330
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.441	34.830	0.000
%RSD		3.054	0.601	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		85.833%	0.290	0.144
%RSD		0.740	6.332	3.974
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	0.000	
%RSD		23.110	0.000	

240-17879 -e-16-b, 11/30/2012 15:35:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.635%	0.007	33.050
%RSD		0.406	124.700	0.792
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9006.000	2637.000	12.610
%RSD		0.421	2.648	7.641
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	17388.000	14690.000
%RSD		0.000	0.431	0.637
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.652%	70.710%	0.048
%RSD		0.194	0.726	428.700
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.400	36.920	-22.480
%RSD		40.480	1.535	5.017
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.479	1.052	0.162
%RSD		2.152	42.320	20.150
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.457	1.453	0.674
%RSD		28.600	6.286	24.750
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.426%	0.055	0.425
%RSD		0.567	124.800	5.247
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.312	574.300	0.116
%RSD		41.280	0.836	126.900
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.006	-0.459
%RSD		0.000	37.000	84.510
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.001	77.468%	0.039
%RSD		506.700	0.197	28.430
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.581	14.170	0.000
%RSD		5.607	3.372	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.617%	0.193	0.096
%RSD		0.540	1.563	10.340
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.012	0.000	
%RSD		14.490	0.000	

240-17879 -e-17-b, 11/30/2012 15:41:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.248%	0.006	32.000
%RSD		0.104	135.300	2.347
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8754.000	2607.000	8.302
%RSD		0.817	1.594	5.946
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	17156.000	14180.000
%RSD		0.000	0.843	0.305
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.185%	69.977%	0.215
%RSD		0.383	0.718	69.710
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.120	36.180	-23.200
%RSD		375.000	1.551	8.294
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.224	-2.889	0.187
%RSD		4.426	16.810	3.469
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.581	0.972	1.440
%RSD		22.200	9.470	9.626
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.281%	0.078	0.432
%RSD		0.466	113.600	25.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.296	570.600	0.057
%RSD		26.630	0.470	112.700
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.002	-0.235
%RSD		0.000	85.990	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	77.085%	0.018
%RSD		210.100	0.609	7.929
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.605	13.650	0.000
%RSD		2.991	1.402	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.658%	0.134	0.059
%RSD		0.493	1.123	7.563
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.004	0.000	
%RSD		63.900	0.000	

240-17879 -e-18-b, 11/30/2012 15:46:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.757%	0.019	42.670
%RSD		0.520	65.440	1.218
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34810.000	28830.000	21.840
%RSD		0.336	0.137	5.367
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	2976.000	103500.000
%RSD		0.000	0.547	0.116
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.211%	76.019%	0.129
%RSD		0.656	0.549	83.250
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.293	0.040	-23.190
%RSD		100.700	96.790	3.455
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		20.930	10.120	0.157
%RSD		0.322	14.230	5.203
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		1.012	0.884	3.065
%RSD		5.104	8.736	4.080
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		74.838%	0.795	0.454
%RSD		0.316	15.640	13.230
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.186	391.100	-0.685
%RSD		86.900	0.516	7.371
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	-0.001	-0.450
%RSD		0.000	54.780	82.750
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.026	81.013%	0.046
%RSD		27.640	0.345	45.670
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.448	37.640	0.000
%RSD		5.761	0.455	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		84.732%	0.103	0.041
%RSD		0.223	9.485	10.530
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	0.000	
%RSD		22.930	0.000	

240-17879 -e-19-b, 11/30/2012 15:52:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.863%	0.016	42.580
%RSD		0.438	54.180	2.076
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34710.000	28530.000	23.480
%RSD		0.068	1.075	4.096
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	2962.000	103100.000
%RSD		0.000	0.406	0.296
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.025%	74.329%	0.228
%RSD		0.437	0.144	85.820
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.168	0.027	-21.290
%RSD		119.100	42.030	3.175
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		20.750	17.860	0.151
%RSD		0.271	4.078	20.300
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.810	0.842	2.585
%RSD		11.880	8.862	10.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.210%	0.695	0.440
%RSD		0.374	4.068	6.375
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.117	387.200	-0.699
%RSD		9.981	0.564	2.211
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.001	-0.456
%RSD		0.000	322.900	83.870
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.003	78.632%	0.055
%RSD		382.200	0.571	13.380
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.428	37.870	0.000
%RSD		5.771	1.265	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		83.275%	0.089	0.029
%RSD		0.761	4.035	9.121
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.010	0.000	
%RSD		42.640	0.000	

mb 240-66583/1 -a, 11/30/2012 15:57:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.343%	0.003	0.577
%RSD		0.770	37.330	5.044
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		58.190	61.240	4.174
%RSD		3.096	5.473	3.474
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	24.650	315.000
%RSD		0.000	6.050	5.676
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.177%	69.903%	0.150
%RSD		0.541	0.577	78.020
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.026	0.474	-23.330
%RSD		990.500	5.793	5.184
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.487	23.700	0.014
%RSD		7.494	2.318	52.020
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.245	0.930	8.164
%RSD		11.940	5.752	3.302
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		71.190%	0.013	0.600
%RSD		0.656	672.100	25.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.019	0.539	-1.007
%RSD		386.000	3.349	2.146
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	0.697
%RSD		0.000	28.430	133.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.017	76.937%	18.710
%RSD		50.980	0.555	3.512
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.150	2.037	0.000
%RSD		17.580	2.377	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.829%	0.075	0.033
%RSD		0.628	1.833	17.800
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.971	0.000	
%RSD		0.818	0.000	

Ics 240-66583/3-a, 11/30/2012 16:03:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.181%	<u>M931.400</u>	87.910
%RSD		0.664	<u>M0.930</u>	0.693
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8589.000	9983.000	<u>M9382.000</u>
%RSD		0.339	0.628	<u>M0.422</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T9653.000</u>	9464.000
%RSD		0.000	<u>T0.189</u>	1.208
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.795%	67.219%	93.500
%RSD		0.417	0.665	2.593
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M888.900</u>	<u>M933.000</u>	92.840
%RSD		<u>M0.465</u>	<u>M0.174</u>	13.640
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T965.700</u>	<u>T9711.000</u>	<u>M921.800</u>
%RSD		<u>T0.405</u>	<u>T0.612</u>	<u>M0.575</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M926.600</u>	<u>M943.700</u>	<u>M968.900</u>
%RSD		<u>M0.137</u>	<u>M0.341</u>	<u>M1.048</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.023%	<u>M881.000</u>	-4.698
%RSD		0.519	<u>M0.888</u>	4.157
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M881.100</u>	<u>M893.500</u>	91.360
%RSD		<u>M0.545</u>	<u>M0.719</u>	1.073
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	96.720	577.100
%RSD		0.000	0.114	30.520
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M928.700</u>	74.448%	105.500
%RSD		<u>M0.547</u>	0.509	0.923
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		90.450	<u>M907.800</u>	0.000
%RSD		0.951	<u>M0.506</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.815%	93.290	<u>TM258.800</u>
%RSD		0.920	1.039	<u>TM0.718</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM1134.000</u>	0.000	
%RSD		<u>TM0.409</u>	0.000	

240-17970 -b-9-a, 11/30/2012 16:10:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.822%	10.360	125.100
%RSD		0.244	1.906	0.802
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		594.300	52510.000	<u>TM</u> 181200.000
%RSD		1.079	0.475	<u>TM</u> 0.137
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 33830.000	80200.000
%RSD		0.000	<u>T</u> 0.778	0.328
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.935%	87.793%	<u>M</u> 457.100
%RSD		0.620	2.091	<u>M</u> 0.284
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 259.200	<u>M</u> 213.500	-6.845
%RSD		<u>M</u> 1.173	<u>M</u> 0.576	23.090
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 10090.000	<u>TM</u> 325300.000	136.500
%RSD		<u>TM</u> 0.573	<u>TM</u> 0.414	0.363
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 273.200	166.100	<u>M</u> 634.900
%RSD		<u>M</u> 0.755	1.661	<u>M</u> 0.790
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.060%	46.870	1.199
%RSD		2.078	1.117	7.278
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.434	<u>M</u> 362.300	3.311
%RSD		5.308	<u>M</u> 0.399	1.670
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.257	-85.620
%RSD		0.000	2.000	15.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.727	86.907%	12.920
%RSD		4.575	1.516	0.585
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.325	<u>M</u> 671.100	0.000
%RSD		1.233	<u>M</u> 0.229	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		113.221%	0.801	1.567
%RSD		1.532	7.791	2.137
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		117.000	0.000	
%RSD		0.248	0.000	

SD 240-17970 -b-9-a@5, 11/30/2012 16:15:53 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.963%	2.139	27.580
%RSD		1.153	3.154	0.761
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		379.700	12220.000	M 37000.000
%RSD		0.534	0.574	M 0.815
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	17589.000	17760.000
%RSD		10.000	10.636	1.057
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.927%	89.403%	97.780
%RSD		0.455	0.532	2.951
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		57.230	47.800	-20.400
%RSD		1.686	0.872	5.412
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 2241.000	TM 71940.000	30.650
%RSD		TM 0.517	TM 0.446	0.992
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		63.170	39.400	155.700
%RSD		1.034	0.389	0.865
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.687%	10.960	0.319
%RSD		1.075	1.316	9.779
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.039	74.710	0.058
%RSD		2.722	0.524	125.200
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.133	-21.080
%RSD		0.000	11.290	45.130
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.321	92.727%	3.269
%RSD		19.560	0.303	5.965
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.695	148.400	0.000
%RSD		6.363	0.146	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.212%	0.333	0.637
%RSD		0.600	6.971	3.448
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		30.230	0.000	
%RSD		0.431	0.000	

240-17970 -b-9-d ms, 11/30/2012 16:21:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.455%	<u>M</u> 871.500	167.900
%RSD		0.783	<u>M</u> 0.851	1.349
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7981.000	56750.000	<u>TM</u> 173200.000
%RSD		0.843	0.319	<u>TM</u> 0.299
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 39310.000	72220.000
%RSD		0.000	<u>T</u> 1.138	0.199
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		79.151%	90.411%	<u>M</u> 437.500
%RSD		0.386	1.521	<u>M</u> 1.565
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 993.300	<u>M</u> 1034.000	113.700
%RSD		<u>M</u> 0.613	<u>M</u> 0.328	2.686
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9466.000	<u>TM</u> 310300.000	<u>M</u> 944.500
%RSD		<u>TM</u> 0.130	<u>TM</u> 0.199	<u>M</u> 0.347
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 1059.000	<u>M</u> 992.500	<u>M</u> 1441.000
%RSD		<u>M</u> 0.315	<u>M</u> 0.964	<u>M</u> 0.691
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		83.401%	<u>M</u> 867.200	-4.630
%RSD		1.906	<u>M</u> 0.471	14.320
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M</u> 820.800	<u>M</u> 1153.000	81.120
%RSD		<u>M</u> 0.626	<u>M</u> 0.437	1.781
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	86.200	355.000
%RSD		0.000	0.270	9.142
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M</u> 860.800	89.622%	85.900
%RSD		<u>M</u> 0.237	1.159	0.486
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		20.550	<u>M</u> 1399.000	0.000
%RSD		1.848	<u>M</u> 1.387	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		112.826%	39.310	<u>T</u> 192.800
%RSD		1.562	1.743	<u>T</u> 0.236
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 959.400	0.000	
%RSD		<u>TM</u> 0.151	0.000	

CCV 11/30/2012 16:28:40 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.747%	95.985%	95.510%
%RSD		0.366	0.638	1.170
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.609%	104.187%	99.893%
%RSD		0.934	0.640	1.579
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	102.577%	99.996%
%RSD		0.000	0.183	0.252
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.345%	81.518%	102.747%
%RSD		0.785	1.764	3.151
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.003%	100.406%	-18.550
%RSD		0.535	0.439	11.720
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.505%	103.360%	99.623%
%RSD		0.392	0.525	1.174
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.294%	100.768%	105.182%
%RSD		1.196	1.201	1.712
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.426%	98.546%	-0.694
%RSD		1.961	0.651	16.330
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.991%	97.255%	103.824%
%RSD		1.571	0.908	0.826
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.070%	36.660
%RSD		0.000	1.046	31.120
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.388%	86.800%	98.722%
%RSD		1.182	0.995	0.763
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		98.673%	96.264%	0.000
%RSD		0.536	1.647	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.691%	104.296%	94.392%
%RSD		1.322	0.178	0.843
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		102.923%	0.000	
%RSD		0.728	0.000	

CCB 11/30/2012 16:36:01 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.979%	0.049	0.606
%RSD		0.222	29.730	7.090
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		23.670	29.360	2.640
%RSD		8.750	25.100	23.280
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	18.700	40.460
%RSD		±0.000	1.744	8.507
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.945%	78.120%	0.331
%RSD		0.433	0.552	118.400
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.228	-0.170	-30.390
%RSD		23.890	6.297	1.734
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.247	19.550	0.048
%RSD		6.135	5.250	15.910
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.066	0.072	0.502
%RSD		36.300	50.960	27.010
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.281%	-0.163	0.029
%RSD		0.884	16.110	59.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.151	0.109	-0.284
%RSD		36.080	3.438	73.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.053	-0.341
%RSD		0.000	17.470	333.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.033	85.640%	0.166
%RSD		7.991	0.492	25.390
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.326	0.077	0.000
%RSD		3.656	26.690	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.134%	0.784	0.456
%RSD		0.662	6.456	8.048
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.069	0.000	
%RSD		16.320	0.000	

240-17970 -b-9-e msd, 11/30/2012 16:41:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.054%	M 846.700	155.700
%RSD		1.090	M 0.478	0.545
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8085.000	55730.000	TM 159900.000
%RSD		0.366	0.536	TM 0.247
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 34470.000	77440.000
%RSD		T 0.000	T 0.660	0.460
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		80.040%	93.787%	M 499.100
%RSD		0.830	1.538	M 0.680
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1023.000	M 1042.000	119.300
%RSD		M 0.403	M 0.301	5.659
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 9708.000	TM 304600.000	M 963.100
%RSD		TM 0.180	TM 0.628	M 0.329
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1068.000	M 971.800	M 1342.000
%RSD		M 0.251	M 0.131	M 0.314
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.472%	M 831.500	-3.275
%RSD		1.418	M 0.184	8.239
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 760.600	M 1177.000	88.000
%RSD		M 0.132	M 0.056	0.515
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	86.570	284.500
%RSD		0.000	0.716	61.590
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 833.900	92.913%	88.470
%RSD		M 0.476	1.387	0.615
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		19.480	M 1394.000	0.000
%RSD		0.385	M 0.533	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		117.583%	42.680	T 193.700
%RSD		1.752	0.643	T 0.710
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 939.700	0.000	
%RSD		TM 0.189	0.000	

240-18011 -b-1-a, 11/30/2012 16:48:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.011%	6.340	18.930
%RSD		0.292	1.510	1.468
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		248.100	9846.000	<u>TM 81720.000</u>
%RSD		0.482	0.695	<u>TM 1.029</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 6006.000</u>	12990.000
%RSD		<u>T 0.000</u>	<u>T 1.133</u>	0.685
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		90.414%	99.597%	<u>M 672.600</u>
%RSD		0.181	1.496	<u>M 0.880</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 215.800</u>	109.200	-18.920
%RSD		<u>M 0.188</u>	0.274	10.240
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 17640.000</u>	<u>TM 172400.000</u>	143.700
%RSD		<u>TM 0.320</u>	<u>TM 0.154</u>	0.592
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		93.870	86.080	<u>M 510.600</u>
%RSD		0.463	0.727	<u>M 0.367</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		96.287%	85.670	0.929
%RSD		0.844	0.460	15.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.363	66.880	14.960
%RSD		3.653	0.782	1.188
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.318	-27.540
%RSD		0.000	1.901	33.340
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.271	100.663%	9.196
%RSD		4.211	0.330	1.832
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.962	<u>M 1464.000</u>	0.000
%RSD		5.696	<u>M 0.745</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		112.518%	1.108	2.106
%RSD		1.242	4.877	1.847
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 1022.000</u>	0.000	
%RSD		<u>TM 0.411</u>	0.000	

240-18011 -b-2-a, 11/30/2012 16:54:10 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		95.359%	6.479	23.290
%RSD		0.469	1.547	0.708
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		231.600	14090.000	<u>TM</u> 103700.000
%RSD		0.648	1.398	<u>TM</u> 0.570
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 8245.000	18370.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.728	0.364
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.843%	103.748%	<u>M</u> 831.600
%RSD		0.153	0.076	<u>M</u> 0.607
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 200.500	126.700	-9.997
%RSD		<u>M</u> 0.921	0.590	14.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 9694.000	<u>TM</u> 150000.000	85.480
%RSD		<u>TM</u> 0.400	<u>TM</u> 0.799	0.440
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		111.800	107.200	<u>M</u> 653.200
%RSD		0.853	0.569	<u>M</u> 0.399
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		100.418%	66.600	1.119
%RSD		0.544	1.066	14.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.784	91.240	9.518
%RSD		5.014	0.964	1.549
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.411	-39.760
%RSD		0.000	2.811	43.070
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.043	103.206%	12.140
%RSD		5.121	0.150	2.467
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.461	<u>M</u> 881.800	0.000
%RSD		4.030	<u>M</u> 0.721	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		117.632%	0.844	1.897
%RSD		0.490	1.291	1.164
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1196.000	0.000	
%RSD		<u>TM</u> 0.334	0.000	

240-18011 -b-3-a, 11/30/2012 16:59:50 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		102.564%	6.413	8.339
%RSD		0.604	0.954	2.058
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		201.400	10550.000	<u>TM</u> 72650.000
%RSD		0.855	0.950	<u>TM</u> 0.412
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 4616.000	11660.000
%RSD		<u>T</u> 0.000	<u>T</u> 1.143	0.761
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		101.229%	112.164%	<u>M</u> 624.400
%RSD		0.353	0.712	<u>M</u> 2.489
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		193.800	115.800	-11.810
%RSD		0.838	0.531	9.640
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11680.000	<u>TM</u> 165500.000	96.500
%RSD		<u>TM</u> 0.214	<u>TM</u> 0.531	0.649
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		94.310	96.100	<u>M</u> 475.600
%RSD		1.205	0.930	<u>M</u> 0.651
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		105.743%	75.880	0.882
%RSD		0.262	0.377	6.197
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.114	58.960	12.740
%RSD		5.329	0.279	3.566
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.333	-51.500
%RSD		0.000	9.009	9.938
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.917	108.249%	9.831
%RSD		6.247	0.513	0.790
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.799	<u>M</u> 907.800	0.000
%RSD		1.312	<u>M</u> 0.821	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		122.771%	0.791	1.635
%RSD		1.124	1.781	2.044
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 930.800	0.000	
%RSD		<u>TM</u> 0.566	0.000	

240-18011 -b-4-a, 11/30/2012 17:05:23 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		98.930%	7.166	7.814
%RSD		0.482	2.774	1.685
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		217.300	16350.000	<u>TM</u> 106300.000
%RSD		1.056	0.684	<u>TM</u> 0.577
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 7218.000	12630.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.518	0.803
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.186%	112.941%	<u>M</u> 738.300
%RSD		0.260	0.210	<u>M</u> 0.732
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 249.900	136.500	-8.741
%RSD		<u>M</u> 0.215	0.609	12.450
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 6914.000	<u>TM</u> 245000.000	95.210
%RSD		<u>TM</u> 0.252	<u>TM</u> 0.464	0.159
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		137.100	138.300	<u>M</u> 437.900
%RSD		0.943	0.661	<u>M</u> 0.420
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		103.918%	97.650	1.180
%RSD		1.020	0.886	12.390
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.740	67.040	18.910
%RSD		4.525	0.630	2.245
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.226	-61.010
%RSD		0.000	14.070	4.024
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.934	107.185%	8.959
%RSD		2.970	1.028	1.028
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.888	<u>M</u> 715.900	0.000
%RSD		1.733	<u>M</u> 0.226	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		122.879%	0.779	1.853
%RSD		0.652	2.239	1.162
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 273.500	0.000	
%RSD		<u>TM</u> 0.042	0.000	

240-18011 -b-5-a, 11/30/2012 17:10:52 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		98.678%	6.587	12.140
%RSD		0.782	1.028	2.990
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		427.000	19320.000	<u>TM</u> 102100.000
%RSD		0.351	0.557	<u>TM</u> 0.896
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 7800.000	13150.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.435	0.275
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		102.210%	114.180%	<u>M</u> 666.600
%RSD		0.303	0.642	<u>M</u> 1.017
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 204.200	122.800	-10.370
%RSD		<u>M</u> 0.287	0.261	28.600
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 6314.000	<u>TM</u> 227000.000	105.400
%RSD		<u>TM</u> 0.196	<u>TM</u> 0.265	0.675
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		162.900	151.800	<u>M</u> 470.700
%RSD		0.533	0.447	<u>M</u> 0.318
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		104.937%	84.920	1.052
%RSD		0.825	0.119	31.660
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.607	63.920	21.540
%RSD		9.351	0.595	0.436
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.191	-60.880
%RSD		0.000	4.337	4.688
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.973	107.967%	8.977
%RSD		7.375	0.876	1.126
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.934	<u>M</u> 648.800	0.000
%RSD		1.234	<u>M</u> 0.716	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		127.264%	0.634	1.906
%RSD		0.831	0.274	2.067
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 204.600	0.000	
%RSD		<u>TM</u> 0.089	0.000	

240-18011 -b-6-a, 11/30/2012 17:16:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		104.206%	4.137	11.060
%RSD		1.121	1.047	5.243
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		183.800	11060.000	<u>TM</u> 65280.000
%RSD		0.584	0.841	<u>TM</u> 0.915
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 5408.000	7032.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.355	1.062
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.218%	111.330%	<u>M</u> 775.700
%RSD		0.168	1.382	<u>M</u> 2.495
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		142.100	96.210	-9.493
%RSD		0.609	1.123	8.845
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7984.000	<u>TM</u> 99820.000	81.990
%RSD		<u>TM</u> 0.249	<u>TM</u> 0.941	1.168
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		76.560	68.420	<u>M</u> 466.900
%RSD		1.715	1.820	<u>M</u> 0.749
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		105.308%	41.630	0.930
%RSD		1.259	0.766	7.793
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.310	50.890	7.022
%RSD		4.147	0.376	1.624
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.548	-43.430
%RSD		0.000	2.666	13.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.209	106.925%	11.710
%RSD		3.567	1.082	1.804
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.990	<u>M</u> 748.300	0.000
%RSD		1.412	<u>M</u> 0.672	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.991%	0.687	1.360
%RSD		0.628	2.538	0.747
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 624.100	0.000	
%RSD		<u>TM</u> 0.172	0.000	

240-18011 -b-7-a, 11/30/2012 17:21:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		99.517%	4.998	14.490
%RSD		1.018	2.165	1.173
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		225.800	13030.000	<u>TM</u> 90380.000
%RSD		1.290	1.781	<u>TM</u> 0.719
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 6283.000	6612.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.251	0.919
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		97.491%	106.162%	<u>M</u> 926.800
%RSD		0.100	0.986	<u>M</u> 0.347
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		167.700	108.000	-9.310
%RSD		0.784	1.010	29.420
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7856.000	<u>TM</u> 115300.000	81.400
%RSD		<u>TM</u> 0.123	<u>TM</u> 0.136	0.777
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		91.360	72.280	<u>M</u> 564.000
%RSD		0.743	0.891	<u>M</u> 0.409
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		105.690%	43.140	0.891
%RSD		0.654	1.546	19.360
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.593	58.820	5.923
%RSD		0.623	0.937	2.278
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.356	-33.470
%RSD		0.000	1.950	32.250
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.072	105.605%	8.367
%RSD		2.652	0.361	0.817
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.251	<u>M</u> 888.600	0.000
%RSD		2.086	<u>M</u> 0.466	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.449%	0.496	1.579
%RSD		0.201	3.086	0.800
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 365.500	0.000	
%RSD		<u>TM</u> 0.762	0.000	

240-18011 -b-8-a, 11/30/2012 17:27:20 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		99.160%	4.983	15.050
%RSD		0.231	1.004	2.364
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		239.500	14590.000	<u>TM</u> 111800.000
%RSD		2.535	1.362	<u>TM</u> 0.991
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 7117.000	4469.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.149	0.671
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		100.307%	109.604%	<u>M</u> 998.000
%RSD		0.651	1.043	<u>M</u> 0.955
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 214.600	118.900	-8.006
%RSD		<u>M</u> 0.725	0.391	7.039
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4666.000	<u>TM</u> 150100.000	70.880
%RSD		<u>TM</u> 0.499	<u>TM</u> 0.354	0.750
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.700	100.200	<u>M</u> 366.100
%RSD		0.639	0.749	<u>M</u> 0.695
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		105.975%	52.920	1.020
%RSD		0.754	0.531	3.670
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.190	48.360	6.936
%RSD		5.111	0.837	0.919
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.210	-37.710
%RSD		0.000	1.959	10.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.408	106.473%	8.953
%RSD		13.350	0.792	1.389
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.446	<u>M</u> 725.100	0.000
%RSD		3.821	<u>M</u> 0.035	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.634%	0.412	1.595
%RSD		1.301	4.236	0.236
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		116.600	0.000	
%RSD		0.644	0.000	

240-18011 -b-9-a, 11/30/2012 17:32:53 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		105.566%	6.734	10.530
%RSD		0.516	1.624	1.764
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		364.200	16220.000	<u>TM</u> 146500.000
%RSD		2.058	0.821	<u>TM</u> 0.925
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 7580.000	7234.000
%RSD		<u>T</u> 0.000	<u>T</u> 7.434	6.762
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 110.973%	119.899%	<u>M</u> 915.300
%RSD		<u>T</u> 7.945	1.391	<u>M</u> 0.744
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 307.100	162.800	2.916
%RSD		<u>M</u> 0.905	1.151	24.270
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3217.000	<u>TM</u> 242600.000	93.750
%RSD		<u>TM</u> 7.864	<u>TM</u> 0.313	0.717
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		121.200	125.400	<u>M</u> 345.100
%RSD		0.656	0.905	<u>M</u> 0.900
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		109.165%	93.650	0.956
%RSD		1.105	0.242	11.420
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.885	61.160	14.670
%RSD		1.653	0.892	2.276
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.210	-71.830
%RSD		0.000	3.025	11.080
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.368	111.337%	10.050
%RSD		5.771	1.276	1.191
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.151	<u>M</u> 786.300	0.000
%RSD		2.440	<u>M</u> 0.342	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		121.758%	0.577	1.661
%RSD		1.334	4.507	1.810
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		151.200	0.000	
%RSD		0.187	0.000	

CCV 11/30/2012 17:38:24 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.053%	98.060%	96.748%
%RSD		0.429	0.108	0.337
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>101.343%</u>	104.664%	109.267%
%RSD		<u>1.169</u>	1.452	1.616
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>0.000</u>	<u>102.537%</u>	99.230%
%RSD		<u>0.000</u>	<u>0.781</u>	0.472
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.621%	79.029%	103.685%
%RSD		0.774	1.901	6.775
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		98.336%	99.201%	-22.640
%RSD		0.510	0.529	6.965
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>100.574%</u>	<u>104.783%</u>	99.056%
%RSD		<u>0.718</u>	<u>0.703</u>	0.665
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.144%	99.897%	103.790%
%RSD		1.067	1.329	0.698
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.760%	97.135%	-0.668
%RSD		0.533	0.952	8.509
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.385%	98.149%	102.433%
%RSD		0.787	0.520	0.862
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.667%	19.470
%RSD		0.000	0.618	303.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.259%	85.130%	99.573%
%RSD		1.475	0.783	0.959
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.992%	97.081%	0.000
%RSD		0.581	0.615	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.171%	102.894%	93.430%
%RSD		1.142	0.649	0.443
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		103.408%	0.000	
%RSD		0.598	0.000	

CCB 11/30/2012 17:45:08 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.242%	0.084	0.343
%RSD		0.729	26.010	20.620
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		63.570	81.500	48.360
%RSD		12.060	3.251	16.320
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	40.600	61.900
%RSD		±0.000	20.310	1.353
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.805%	79.393%	0.878
%RSD		0.670	0.729	37.530
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		0.112	-0.002	-31.260
%RSD		253.200	1854.000	3.785
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.902	111.000	0.186
%RSD		25.740	9.613	12.170
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.247	0.251	0.673
%RSD		9.199	35.120	19.420
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		80.362%	-0.032	0.015
%RSD		0.680	160.000	315.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.201	0.262	-0.214
%RSD		14.550	4.968	14.570
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.134	-0.739
%RSD		0.000	15.380	214.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.144	86.925%	0.228
%RSD		25.800	0.244	14.980
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.360	0.459	0.000
%RSD		6.318	32.920	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.228%	0.878	0.441
%RSD		0.647	12.400	7.881
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.293	0.000	
%RSD		15.920	0.000	

240-18011 -b-12 -a, 11/30/2012 17:50:38 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.093%	4.117	21.720
%RSD		1.480	2.713	0.714
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		372.000	13270.000	<u>TM</u> 84780.000
%RSD		1.230	0.833	<u>TM</u> 0.278
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 6448.000	12370.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.418	0.673
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		85.125%	98.803%	<u>M</u> 979.700
%RSD		1.194	1.402	<u>M</u> 0.574
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		161.100	101.800	-15.410
%RSD		0.665	0.947	13.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5234.000	<u>TM</u> 105200.000	69.110
%RSD		<u>TM</u> 0.237	<u>TM</u> 0.463	0.719
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		84.560	85.250	<u>M</u> 475.200
%RSD		0.324	0.547	<u>M</u> 0.831
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.814%	43.520	0.797
%RSD		2.630	0.374	8.954
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.300	63.030	5.300
%RSD		3.257	0.186	1.407
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.362	-26.480
%RSD		0.000	5.714	22.730
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.943	99.974%	11.410
%RSD		4.661	1.492	0.931
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		3.649	<u>M</u> 625.700	0.000
%RSD		2.624	<u>M</u> 0.721	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		108.853%	0.726	1.625
%RSD		0.948	0.525	0.404
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 611.900	0.000	
%RSD		<u>TM</u> 0.139	0.000	

240-18011 -b-13 -a, 11/30/2012 17:56:08 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		94.601%	5.090	15.770
%RSD		0.615	4.719	1.430
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		210.800	15650.000	<u>TM 99270.000</u>
%RSD		1.026	0.939	<u>TM 0.836</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 6327.000</u>	11120.000
%RSD		<u>TM 0.000</u>	<u>TM 0.489</u>	0.441
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		94.968%	103.040%	<u>M 1005.000</u>
%RSD		0.392	0.772	<u>M 1.103</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 202.800</u>	114.800	-10.970
%RSD		<u>M 0.797</u>	0.372	28.890
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8013.000</u>	<u>TM 133800.000</u>	100.700
%RSD		<u>TM 0.538</u>	<u>TM 0.356</u>	1.033
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		100.500	89.820	<u>M 432.600</u>
%RSD		1.062	1.985	<u>M 0.565</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		99.268%	54.510	1.014
%RSD		1.071	0.101	12.330
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.790	64.820	6.942
%RSD		7.519	0.535	2.279
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.323	-27.560
%RSD		0.000	4.848	17.470
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.885	102.931%	9.082
%RSD		0.561	1.022	1.911
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.730	<u>M 767.800</u>	0.000
%RSD		2.422	<u>M 0.635</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		113.785%	0.572	1.797
%RSD		1.261	1.653	1.040
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 410.200</u>	0.000	
%RSD		<u>TM 0.854</u>	0.000	

240-18011 -b-14 -a, 11/30/2012 18:01:36 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		104.241%	5.152	9.733
%RSD		0.313	1.222	0.701
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		228.800	19650.000	<u>TM</u> 111800.000
%RSD		0.376	0.563	<u>TM</u> 0.598
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 5801.000	9664.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.631	1.144
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		102.136%	112.482%	<u>M</u> 1277.000
%RSD		0.422	0.670	<u>M</u> 0.349
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 228.000	123.000	-3.317
%RSD		<u>M</u> 0.635	0.347	8.901
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4544.000	<u>TM</u> 178800.000	104.200
%RSD		<u>TM</u> 0.051	<u>TM</u> 0.880	0.817
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		114.200	112.900	<u>M</u> 362.900
%RSD		0.393	0.847	<u>M</u> 0.669
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		104.756%	74.640	0.917
%RSD		1.344	0.525	17.110
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.353	61.260	12.380
%RSD		2.764	0.550	2.657
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.243	-63.290
%RSD		0.000	1.610	3.105
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.470	108.656%	8.212
%RSD		8.275	1.267	1.107
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.298	<u>M</u> 655.800	0.000
%RSD		2.819	<u>M</u> 0.334	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		119.789%	0.590	1.775
%RSD		1.217	3.541	1.783
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		139.900	0.000	
%RSD		0.534	0.000	

240-18011 -b-15 -a, 11/30/2012 18:07:04 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		101.254%	6.195	16.350
%RSD		0.128	1.491	3.299
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		298.500	26180.000	<u>TM</u> 148000.000
%RSD		1.053	0.087	<u>TM</u> 0.134
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 8094.000	10090.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.154	0.468
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		103.890%	116.906%	<u>M</u> 1675.000
%RSD		0.550	1.277	<u>M</u> 0.804
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 302.600	174.000	-1.381
%RSD		<u>M</u> 0.184	0.151	187.300
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 2211.000	<u>TM</u> 264800.000	65.030
%RSD		<u>TM</u> 0.534	<u>TM</u> 0.347	0.971
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		141.700	176.700	<u>M</u> 474.800
%RSD		0.823	0.876	<u>M</u> 0.857
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		104.739%	110.600	1.011
%RSD		1.310	0.310	17.340
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.162	76.520	17.660
%RSD		4.068	0.446	1.219
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.224	-63.950
%RSD		0.000	6.187	12.110
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.357	109.556%	11.290
%RSD		9.801	0.820	0.612
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.630	<u>M</u> 662.700	0.000
%RSD		2.013	<u>M</u> 0.507	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.966%	0.641	2.137
%RSD		1.205	2.600	1.026
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		145.100	0.000	
%RSD		0.165	0.000	

240-18011 -b-16 -a, 11/30/2012 18:12:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		107.396%	4.468	14.130
%RSD		0.595	1.414	1.051
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		164.800	13130.000	<u>TM</u> 68180.000
%RSD		2.387	0.772	<u>TM</u> 0.610
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 6344.000	16020.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.639	0.755
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		104.035%	113.852%	<u>M</u> 816.400
%RSD		0.107	1.204	<u>M</u> 0.460
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		158.100	130.400	-6.155
%RSD		1.331	1.262	19.590
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7006.000	<u>TM</u> 115600.000	97.970
%RSD		<u>TM</u> 0.300	<u>TM</u> 0.746	1.001
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		82.710	104.600	<u>M</u> 709.200
%RSD		0.611	1.344	<u>M</u> 0.606
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		106.986%	47.800	0.933
%RSD		1.186	1.030	7.488
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.750	66.100	7.878
%RSD		6.825	0.791	2.463
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.430	-79.550
%RSD		0.000	3.057	19.620
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.178	111.536%	9.248
%RSD		3.610	0.388	0.633
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		5.020	<u>M</u> 722.900	0.000
%RSD		0.435	<u>M</u> 0.510	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		118.723%	0.701	1.371
%RSD		1.377	2.668	0.666
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 3328.000	0.000	
%RSD		<u>TM</u> 0.618	0.000	

240-18011 -b-17 -a, 11/30/2012 18:18:07 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		103.243%	4.422	14.460
%RSD		0.443	2.030	2.164
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		218.400	14810.000	<u>TM 89610.000</u>
%RSD		0.182	0.166	<u>TM 0.438</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM 0.000</u>	<u>TM 6250.000</u>	9987.000
%RSD		<u>TM 0.000</u>	<u>TM 0.147</u>	0.799
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		101.841%	108.837%	<u>M 910.800</u>
%RSD		0.693	0.603	<u>M 0.869</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		184.100	142.200	-3.234
%RSD		0.313	0.191	5.708
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 6256.000</u>	<u>TM 126000.000</u>	99.110
%RSD		<u>TM 0.241</u>	<u>TM 0.024</u>	0.345
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		94.040	82.930	<u>M 693.000</u>
%RSD		0.986	0.844	<u>M 0.572</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		105.158%	47.230	1.012
%RSD		0.881	0.410	4.557
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.654	55.110	7.547
%RSD		5.021	0.870	2.686
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.341	-27.900
%RSD		0.000	5.951	27.290
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.488	108.804%	9.030
%RSD		8.487	0.711	1.973
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.651	<u>M 719.300</u>	0.000
%RSD		2.131	<u>M 0.214</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.630%	0.494	1.558
%RSD		0.667	3.016	1.323
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 3113.000</u>	0.000	
%RSD		<u>TM 0.415</u>	0.000	

240-18011 -b-18 -a, 11/30/2012 18:23:35 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		101.718%	5.081	15.670
%RSD		0.559	0.531	3.342
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		261.200	17150.000	<u>TM</u> 116200.000
%RSD		1.621	0.333	<u>TM</u> 0.773
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 7497.000	5132.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.254	0.598
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		99.795%	107.502%	<u>M</u> 1279.000
%RSD		0.450	0.780	<u>M</u> 0.211
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 213.600	129.600	-3.419
%RSD		<u>M</u> 0.332	0.586	17.070
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5813.000	<u>TM</u> 142200.000	108.900
%RSD		<u>TM</u> 0.202	<u>TM</u> 0.811	0.577
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		111.800	105.900	<u>M</u> 575.800
%RSD		1.010	0.853	<u>M</u> 0.866
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		105.534%	49.790	1.173
%RSD		0.681	0.469	14.060
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.062	49.940	6.871
%RSD		7.408	0.696	1.193
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.304	-28.860
%RSD		0.000	4.873	16.150
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.881	107.171%	8.305
%RSD		5.384	0.301	1.142
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.105	<u>M</u> 700.700	0.000
%RSD		1.268	<u>M</u> 0.651	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.058%	0.442	1.713
%RSD		0.551	1.569	0.904
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 595.300	0.000	
%RSD		<u>TM</u> 0.286	0.000	

240-18011 -b-19 -a, 11/30/2012 18:29:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		107.950%	3.847	9.879
%RSD		0.564	1.698	1.823
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		357.300	14340.000	<u>TM</u> 91460.000
%RSD		0.480	0.497	<u>TM</u> 0.220
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 5416.000	3329.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.966	1.361
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		104.152%	115.353%	<u>M</u> 1099.000
%RSD		0.276	0.800	<u>M</u> 0.416
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		190.100	106.800	-4.266
%RSD		0.514	0.274	22.550
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 3306.000	<u>TM</u> 145100.000	84.890
%RSD		<u>TM</u> 0.327	<u>TM</u> 0.779	1.008
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.370	81.560	<u>M</u> 368.700
%RSD		0.199	1.323	<u>M</u> 0.322
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		106.327%	54.510	1.018
%RSD		1.209	1.633	2.569
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.850	30.200	8.883
%RSD		8.232	0.085	2.509
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.204	-41.260
%RSD		0.000	5.970	4.675
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.548	109.197%	9.079
%RSD		10.840	0.347	2.392
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.258	<u>M</u> 481.200	0.000
%RSD		4.954	<u>M</u> 0.614	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.364%	0.449	1.424
%RSD		1.309	3.865	1.434
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 203.200	0.000	
%RSD		<u>TM</u> 0.425	0.000	

240-17970 -b-10 -b, 11/30/2012 18:34:32 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.734%	6.690	51.750
%RSD		0.969	1.582	0.889
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		339.300	33190.000	<u>M</u> 119400.000
%RSD		0.787	0.587	<u>M</u> 0.699
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 22900.000	<u>M</u> 229300.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.514	<u>M</u> 0.396
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.275%	86.701%	<u>M</u> 564.100
%RSD		0.196	1.367	<u>M</u> 1.522
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 198.900	154.100	-9.639
%RSD		<u>M</u> 0.723	0.358	30.850
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T</u> 8401.000	<u>T</u> 284900.000	89.890
%RSD		<u>T</u> 0.026	<u>T</u> 0.387	0.490
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		176.500	<u>M</u> 1417.000	<u>M</u> 1180.000
%RSD		0.625	<u>M</u> 0.157	<u>M</u> 0.206
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.511%	<u>M</u> 233.000	1.126
%RSD		0.477	<u>M</u> 0.369	11.960
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.852	<u>M</u> 564.300	6.606
%RSD		2.650	<u>M</u> 0.423	0.504
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.715	-104.400
%RSD		0.000	2.128	11.330
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		4.491	89.565%	93.210
%RSD		1.265	1.159	0.318
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		<u>M</u> 370.100	<u>M</u> 1296.000	0.000
%RSD		<u>M</u> 0.229	<u>M</u> 0.371	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		117.006%	0.838	1.513
%RSD		1.015	2.466	1.337
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>T</u> 12360.000	0.000	
%RSD		<u>T</u> 0.552	0.000	

240-17970 -b-11 -b, 11/30/2012 18:40:03 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		91.517%	8.133	85.880
%RSD		0.417	0.871	0.429
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		325.800	33770.000	<u>TM</u> 138200.000
%RSD		0.424	0.240	<u>TM</u> 0.445
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 27270.000	39350.000
%RSD		<u>T</u> 0.000	<u>T</u> 8.051	7.856
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 112.314%	115.569%	<u>M</u> 484.800
%RSD		<u>T</u> 7.694	0.899	<u>M</u> 3.548
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 206.200	172.400	-9.981
%RSD		<u>M</u> 0.947	1.302	36.740
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7153.000	<u>TM</u> 256700.000	88.490
%RSD		<u>TM</u> 7.576	<u>TM</u> 0.693	0.426
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		192.600	<u>M</u> 2258.000	<u>M</u> 1536.000
%RSD		0.854	<u>M</u> 0.231	<u>M</u> 0.659
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		111.116%	<u>M</u> 210.700	1.212
%RSD		0.437	<u>M</u> 1.113	4.345
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.481	<u>M</u> 212.400	4.701
%RSD		1.342	<u>M</u> 0.415	0.972
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.072	-66.430
%RSD		0.000	1.426	17.230
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		6.275	115.120%	<u>M</u> 239.900
%RSD		2.452	0.944	<u>M</u> 0.052
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		<u>M</u> 493.900	<u>M</u> 2196.000	0.000
%RSD		<u>M</u> 0.182	<u>M</u> 0.378	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		136.471%	1.092	1.638
%RSD		0.295	1.688	0.645
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 21190.000	0.000	
%RSD		<u>TM</u> 0.348	0.000	

CCV 11/30/2012 18:45:33 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.372%	98.203%	97.190%
%RSD		0.308	0.325	0.650
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.500%	106.617%	103.593%
%RSD		1.573	1.332	0.313
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	103.862%	99.192%
%RSD		0.000	0.406	0.779
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.963%	81.769%	103.157%
%RSD		0.432	0.714	1.657
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.480%	99.517%	-18.570
%RSD		0.864	0.498	11.170
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		101.585%	106.072%	99.385%
%RSD		0.512	0.961	0.897
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.193%	100.263%	104.152%
%RSD		0.594	1.017	0.536
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.310%	98.295%	-0.715
%RSD		1.320	1.142	18.720
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.940%	97.964%	103.581%
%RSD		1.896	0.744	0.715
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	99.653%	48.870
%RSD		0.000	1.060	128.400
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		100.747%	87.665%	100.155%
%RSD		0.658	0.700	0.593
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.617%	97.075%	0.000
%RSD		0.935	0.808	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.849%	103.532%	94.293%
%RSD		0.962	1.307	0.701
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.204%	0.000	
%RSD		0.401	0.000	

CCB 11/30/2012 18:52:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.441%	0.076	0.601
%RSD		0.329	4.836	1.743
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		27.470	37.150	9.953
%RSD		5.168	14.010	7.764
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	39.300	53.730
%RSD		±0.000	2.765	10.470
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.458%	79.156%	0.265
%RSD		0.785	0.126	50.890
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.234	-0.111	-31.810
%RSD		143.700	19.380	3.356
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.873	38.120	0.075
%RSD		5.138	7.210	24.140
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.036	0.174	0.532
%RSD		46.040	15.040	33.780
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		81.667%	-0.181	-0.032
%RSD		0.503	29.100	42.060
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.060	0.135	-0.255
%RSD		53.100	5.014	27.840
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.064	-0.139
%RSD		0.000	17.710	607.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.051	87.120%	0.268
%RSD		26.190	0.115	9.565
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.259	0.130	0.000
%RSD		10.830	11.200	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.438%	0.779	0.312
%RSD		0.397	13.750	10.960
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.408	0.000	
%RSD		15.250	0.000	

mb 240-66612/1-a, 11/30/2012 18:57:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.523%	0.011	0.432
%RSD		0.680	39.990	48.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		46.220	56.770	10.710
%RSD		0.420	10.870	7.829
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	31.810	211.800
%RSD		±0.000	2.199	3.919
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.260%	78.343%	0.329
%RSD		0.074	0.595	47.690
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.226	0.188	-36.060
%RSD		56.190	14.450	0.858
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.383	42.270	0.032
%RSD		3.378	4.277	17.180
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.202	1.269	6.298
%RSD		33.300	7.696	3.123
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.202%	-0.384	0.511
%RSD		1.068	43.890	12.790
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.021	0.385	-0.804
%RSD		116.000	1.682	5.988
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.013	-0.643
%RSD		0.000	6.881	109.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.020	85.141%	21.610
%RSD		34.080	0.275	0.626
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.731	1.167	0.000
%RSD		1.879	4.560	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.748%	0.258	0.149
%RSD		0.482	11.870	10.840
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		2.472	0.000	
%RSD		2.660	0.000	

Ics 240-66612/3-a, 11/30/2012 19:03:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		67.470%	<u>M906.300</u>	87.950
%RSD		0.466	<u>M0.461</u>	1.213
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8325.000	9965.000	<u>M9165.000</u>
%RSD		0.553	1.591	<u>M0.547</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T9790.000</u>	9452.000
%RSD		0.000	<u>T0.358</u>	0.897
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.054%	76.440%	94.490
%RSD		0.492	0.450	3.774
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M885.700</u>	<u>M930.700</u>	92.630
%RSD		<u>M0.627</u>	<u>M0.376</u>	1.249
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T973.700</u>	<u>T9800.000</u>	<u>M915.500</u>
%RSD		<u>T0.608</u>	<u>T0.708</u>	<u>M0.358</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M924.100</u>	<u>M940.000</u>	<u>M914.800</u>
%RSD		<u>M0.710</u>	<u>M0.517</u>	<u>M0.097</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.910%	<u>M851.600</u>	-4.421
%RSD		0.592	<u>M0.152</u>	4.674
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M820.000</u>	<u>M887.100</u>	93.890
%RSD		<u>M0.496</u>	<u>M0.378</u>	0.570
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	96.540	580.800
%RSD		0.000	0.511	5.806
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M905.500</u>	83.301%	105.200
%RSD		<u>M0.676</u>	0.216	0.665
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		91.050	<u>M919.100</u>	0.000
%RSD		0.598	<u>M0.674</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.135%	93.650	<u>TM257.000</u>
%RSD		0.573	0.638	<u>TM0.656</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM1133.000</u>	0.000	
%RSD		<u>TM0.370</u>	0.000	

240-18011 -b-22 -a, 11/30/2012 19:10:25 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.943%	10.070	91.910
%RSD		0.592	0.593	1.552
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		716.400	64930.000	<u>TM</u> 180800.000
%RSD		0.342	0.510	<u>TM</u> 0.339
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 21780.000	79910.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.487	0.196
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.047%	101.842%	<u>M</u> 452.900
%RSD		0.413	1.882	<u>M</u> 1.722
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 257.600	<u>M</u> 227.600	0.252
%RSD		<u>M</u> 0.515	<u>M</u> 0.320	1390.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7881.000	<u>TM</u> 377600.000	154.800
%RSD		<u>TM</u> 0.364	<u>TM</u> 0.502	1.148
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 310.700	171.700	<u>M</u> 662.700
%RSD		<u>M</u> 1.346	1.004	<u>M</u> 0.620
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		93.109%	37.700	1.218
%RSD		2.014	0.608	8.005
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.813	<u>M</u> 425.400	1.481
%RSD		4.049	<u>M</u> 0.207	7.097
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.209	-94.800
%RSD		0.000	6.895	14.550
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.818	98.638%	11.930
%RSD		2.321	1.310	0.707
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.167	<u>M</u> 527.400	0.000
%RSD		2.955	<u>M</u> 0.595	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		127.642%	0.714	1.348
%RSD		1.560	10.230	4.639
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		76.490	0.000	
%RSD		0.320	0.000	

SD 240-18011 -b-22 -a@5, 11/30/2012 19:15:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		88.771%	2.154	20.510
%RSD		1.122	8.068	1.757
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		157.400	14700.000	M 36140.000
%RSD		2.530	0.721	M 0.374
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	4853.000	17740.000
%RSD		10.000	10.623	1.042
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		91.880%	97.715%	101.800
%RSD		0.401	0.563	2.343
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		55.760	50.040	-21.520
%RSD		0.307	0.136	9.255
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1773.000	TM 81740.000	34.500
%RSD		TM 0.394	TM 0.797	0.869
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		70.920	40.570	161.500
%RSD		0.897	1.137	1.363
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		95.136%	8.814	0.313
%RSD		0.289	2.304	26.350
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		2.121	86.740	-0.538
%RSD		8.599	1.646	5.522
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.062	-19.950
%RSD		0.000	13.690	31.610
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.327	99.824%	2.581
%RSD		12.930	0.170	1.015
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.509	117.200	0.000
%RSD		1.857	0.144	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		106.136%	0.252	0.454
%RSD		0.706	7.762	2.858
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		20.340	0.000	
%RSD		0.846	0.000	

240-18011 -b-22 -d ms, 11/30/2012 19:21:24 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.608%	<u>M 780.500</u>	136.900
%RSD		1.187	<u>M 0.866</u>	0.501
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		7629.000	59410.000	<u>TM 151900.000</u>
%RSD		0.558	0.263	<u>TM 0.460</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 25100.000</u>	74930.000
%RSD		<u>T 0.000</u>	<u>T 0.386</u>	0.145
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.150%	103.756%	<u>M 491.900</u>
%RSD		0.284	0.888	<u>M 0.593</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 966.800</u>	<u>M 975.000</u>	108.200
%RSD		<u>M 0.113</u>	<u>M 0.485</u>	3.242
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 9216.000</u>	<u>TM 324000.000</u>	<u>M 907.300</u>
%RSD		<u>TM 0.277</u>	<u>TM 1.185</u>	<u>M 1.190</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 1021.000</u>	<u>M 911.500</u>	<u>M 1286.000</u>
%RSD		<u>M 0.835</u>	<u>M 1.079</u>	<u>M 1.059</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		92.729%	<u>M 765.800</u>	-2.735
%RSD		1.463	<u>M 0.612</u>	10.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M 686.300</u>	<u>M 1167.000</u>	83.490
%RSD		<u>M 0.449</u>	<u>M 0.596</u>	0.653
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	82.820	418.500
%RSD		0.000	0.837	8.890
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M 769.400</u>	99.400%	81.420
%RSD		<u>M 0.661</u>	1.120	0.766
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		18.380	<u>M 1245.000</u>	0.000
%RSD		2.145	<u>M 0.498</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		125.915%	42.160	<u>T 181.200</u>
%RSD		0.986	0.459	<u>T 0.029</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 852.000</u>	0.000	
%RSD		<u>TM 0.169</u>	0.000	

240-18011 -b-22 -e msd, 11/30/2012 19:28:38 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		78.814%	M 860.400	185.800
%RSD		0.784	M 0.718	0.801
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8230.000	65620.000	TM 184500.000
%RSD		0.474	0.901	TM 0.480
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 34730.000	86460.000
%RSD		T 0.000	T 0.065	0.362
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		89.924%	98.669%	M 437.700
%RSD		0.403	0.480	M 1.943
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1031.000	M 1050.000	119.600
%RSD		M 0.409	M 0.509	5.987
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7828.000	TM 328900.000	M 962.300
%RSD		TM 0.091	TM 0.618	M 0.037
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1078.000	M 953.500	M 1388.000
%RSD		M 0.465	M 0.421	M 0.459
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.873%	M 820.100	-2.879
%RSD		0.522	M 0.851	15.500
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 754.600	TM 1289.000	84.540
%RSD		M 0.914	TM 5.720	1.213
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	84.820	292.500
%RSD		0.000	0.406	26.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 819.000	97.032%	86.750
%RSD		M 0.767	0.515	1.123
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		19.090	M 1322.000	0.000
%RSD		1.407	M 0.911	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		123.252%	39.740	T 191.200
%RSD		0.773	1.334	T 0.643
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 895.400	0.000	
%RSD		TM 0.426	0.000	

240-18011 -b-23 -a, 11/30/2012 19:35:52 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		79.920%	5.182	85.130
%RSD		0.665	1.589	1.165
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		374.300	33130.000	<u>TM</u> 88270.000
%RSD		0.986	0.974	<u>TM</u> 0.726
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 16590.000	77080.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.230	0.653
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		86.260%	92.400%	<u>M</u> 424.400
%RSD		0.544	0.831	<u>M</u> 1.292
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		135.700	118.800	-15.130
%RSD		0.497	0.394	7.473
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5143.000	<u>TM</u> 190600.000	84.840
%RSD		<u>TM</u> 0.683	<u>TM</u> 0.131	0.604
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		165.500	181.300	<u>M</u> 514.000
%RSD		0.676	1.053	<u>M</u> 0.324
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		86.450%	30.530	0.903
%RSD		1.604	1.535	11.620
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.348	<u>M</u> 276.700	2.492
%RSD		4.509	<u>M</u> 0.384	9.355
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.291	-104.400
%RSD		0.000	6.549	19.240
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.121	96.011%	19.760
%RSD		7.520	0.891	0.874
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		14.920	<u>M</u> 442.200	0.000
%RSD		1.007	<u>M</u> 0.270	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		112.437%	1.128	1.382
%RSD		0.878	9.905	4.052
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1242.000	0.000	
%RSD		<u>TM</u> 0.303	0.000	

240-18011 -b-24 -a, 11/30/2012 19:41:25 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		74.375%	7.656	87.580
%RSD		0.332	0.924	1.098
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		547.900	48150.000	<u>M</u> 135600.000
%RSD		0.319	0.426	<u>TM</u> 0.378
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 22180.000	<u>M</u> 137700.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.090	<u>M</u> 0.290
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		83.006%	90.751%	<u>M</u> 467.800
%RSD		0.269	1.082	<u>M</u> 1.227
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		199.100	173.400	-12.120
%RSD		0.315	0.555	18.470
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7580.000	<u>TM</u> 280500.000	122.000
%RSD		<u>TM</u> 0.242	<u>TM</u> 1.323	0.349
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 234.600	197.700	<u>M</u> 595.100
%RSD		<u>M</u> 0.348	0.902	<u>M</u> 0.964
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		84.110%	38.510	1.211
%RSD		0.680	3.709	17.570
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.427	<u>M</u> 390.000	2.236
%RSD		5.879	<u>M</u> 0.965	9.954
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.255	-82.380
%RSD		0.000	1.317	24.470
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.048	93.398%	16.660
%RSD		3.582	0.690	0.334
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		11.690	<u>M</u> 558.900	0.000
%RSD		1.313	<u>M</u> 0.188	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		116.088%	0.454	1.237
%RSD		1.318	3.543	2.508
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 848.400	0.000	
%RSD		<u>TM</u> 0.214	0.000	

240-18011 -b-25 -a, 11/30/2012 19:46:54 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		77.681%	9.710	133.200
%RSD		1.053	0.881	0.721
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		614.800	55470.000	<u>TM</u> 174900.000
%RSD		0.267	0.656	<u>TM</u> 0.175
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 32970.000	<u>M</u> 100600.000
%RSD		0.000	<u>T</u> 0.633	<u>M</u> 0.266
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		88.698%	97.386%	<u>M</u> 411.800
%RSD		0.734	0.920	<u>M</u> 2.134
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 245.700	<u>M</u> 209.500	-6.176
%RSD		<u>M</u> 0.643	<u>M</u> 0.457	33.700
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8872.000	<u>TM</u> 317200.000	134.500
%RSD		<u>TM</u> 0.611	<u>TM</u> 0.129	0.253
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 266.000	191.500	<u>M</u> 664.900
%RSD		<u>M</u> 0.612	0.111	<u>M</u> 0.343
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		89.278%	43.350	1.215
%RSD		1.673	0.677	6.249
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.892	<u>M</u> 366.600	2.570
%RSD		6.204	<u>M</u> 0.185	3.329
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.263	-94.430
%RSD		0.000	3.902	9.414
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.042	98.198%	15.390
%RSD		5.106	1.394	0.446
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		12.360	<u>M</u> 669.800	0.000
%RSD		1.818	<u>M</u> 0.297	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		120.744%	0.288	1.323
%RSD		0.934	6.110	0.811
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 526.400	0.000	
%RSD		<u>TM</u> 0.382	0.000	

240-18011 -b-26 -a, 11/30/2012 19:52:25 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.700%	10.270	115.600
%RSD		0.326	1.545	0.663
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		688.100	55960.000	<u>TM</u> 180800.000
%RSD		0.607	0.446	<u>TM</u> 0.198
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 31700.000	<u>M</u> 141200.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.637	<u>M</u> 0.475
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		87.260%	95.811%	<u>M</u> 413.800
%RSD		0.332	0.514	<u>M</u> 2.201
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 248.500	<u>M</u> 214.000	-3.707
%RSD		<u>M</u> 0.503	<u>M</u> 0.212	33.460
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 10520.000	<u>TM</u> 331800.000	139.900
%RSD		<u>TM</u> 0.422	<u>TM</u> 0.552	0.271
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 276.600	176.100	<u>M</u> 750.400
%RSD		<u>M</u> 0.057	0.434	<u>M</u> 0.342
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		87.949%	44.530	1.237
%RSD		1.278	0.252	5.754
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.135	<u>M</u> 442.700	2.629
%RSD		0.298	<u>M</u> 0.916	4.187
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.258	-78.390
%RSD		0.000	3.853	13.150
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.990	96.414%	12.140
%RSD		6.332	0.577	0.506
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.464	<u>M</u> 732.300	0.000
%RSD		1.382	<u>M</u> 0.615	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		122.036%	0.274	1.271
%RSD		0.980	5.286	0.882
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 236.800	0.000	
%RSD		<u>TM</u> 0.344	0.000	

CCV 11/30/2012 19:58:00 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		72.278%	97.938%	96.999%
%RSD		0.688	0.897	1.045
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.017%	103.023%	105.360%
%RSD		1.214	0.531	2.263
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	101.839%	99.932%
%RSD		0.000	0.682	0.290
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		72.097%	78.672%	99.093%
%RSD		0.271	0.783	1.446
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.019%	98.900%	-19.300
%RSD		0.394	0.381	15.250
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		102.541%	104.121%	98.614%
%RSD		0.584	0.415	1.039
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.290%	99.018%	104.814%
%RSD		1.024	0.421	1.864
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.894%	98.329%	-0.632
%RSD		0.833	0.409	36.860
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.892%	97.401%	101.488%
%RSD		1.261	0.482	1.676
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.201%	52.270
%RSD		0.000	1.066	62.720
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		97.114%	85.518%	97.530%
%RSD		0.569	0.116	0.686
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		98.548%	96.099%	0.000
%RSD		1.022	0.389	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.783%	103.442%	96.798%
%RSD		0.706	0.821	0.930
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		105.075%	0.000	
%RSD		0.387	0.000	

CCB 11/30/2012 20:04:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		71.790%	0.081	0.866
%RSD		0.159	3.125	7.282
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		29.640	36.030	13.810
%RSD		4.029	24.680	14.540
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	40.880	65.820
%RSD		±0.000	0.753	8.632
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.534%	77.410%	0.393
%RSD		0.526	0.500	92.280
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.401	-0.137	-31.620
%RSD		49.160	6.407	1.459
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		0.991	45.620	0.083
%RSD		0.622	5.145	4.469
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.062	0.187	0.465
%RSD		47.940	52.900	10.800
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.942%	-0.141	0.071
%RSD		0.689	32.580	85.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.048	0.167	-0.340
%RSD		90.030	6.568	35.190
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.072	0.212
%RSD		0.000	10.630	392.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.071	85.919%	0.205
%RSD		36.950	0.879	16.380
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.306	0.218	0.000
%RSD		5.462	3.792	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.345%	0.811	0.412
%RSD		0.238	13.230	6.095
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.677	0.000	
%RSD		2.199	0.000	

240-18011 -b-42 -a, 11/30/2012 20:10:16 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		76.592%	6.776	59.360
%RSD		0.524	1.705	1.047
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		233.700	27420.000	TM 96220.000
%RSD		0.424	0.635	TM 1.132
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 17640.000	57420.000
%RSD		T 0.000	T 0.508	0.305
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		84.088%	94.563%	M 422.000
%RSD		0.811	2.420	M 1.496
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		153.400	125.200	-17.110
%RSD		1.060	0.707	6.378
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 11040.000	TM 222300.000	90.150
%RSD		TM 0.229	TM 0.105	0.103
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		169.800	M 393.200	M 732.900
%RSD		0.317	M 0.297	M 0.131
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		90.607%	56.940	0.833
%RSD		1.448	1.302	7.219
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.157	M 253.700	4.425
%RSD		1.992	M 0.699	1.416
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.603	-61.180
%RSD		0.000	6.062	37.560
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.488	98.595%	28.600
%RSD		3.935	1.334	1.307
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		21.800	M 819.100	0.000
%RSD		0.460	M 0.119	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		118.905%	1.362	1.456
%RSD		1.382	1.509	1.412
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1881.000	0.000	
%RSD		TM 0.577	0.000	

240-18011 -b-43 -a, 11/30/2012 20:15:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		83.536%	9.007	63.380
%RSD		0.693	1.045	2.154
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		319.100	38910.000	<u>TM</u> 142200.000
%RSD		1.140	0.206	<u>TM</u> 0.403
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>†</u> 0.000	<u>†</u> 22140.000	55470.000
%RSD		<u>†</u> 0.000	<u>†</u> 0.788	0.506
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		92.722%	101.679%	<u>M</u> 416.700
%RSD		0.266	0.828	<u>M</u> 2.501
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 217.800	170.600	-13.640
%RSD		<u>M</u> 0.793	0.644	5.666
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 15850.000	<u>TM</u> 302400.000	138.400
%RSD		<u>TM</u> 0.422	<u>TM</u> 0.744	0.480
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 232.300	<u>M</u> 210.500	<u>M</u> 625.100
%RSD		<u>M</u> 0.478	<u>M</u> 0.705	<u>M</u> 0.263
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		94.588%	49.350	1.086
%RSD		1.030	0.603	35.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.894	<u>M</u> 280.500	4.656
%RSD		8.306	<u>M</u> 0.077	3.766
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.381	-89.530
%RSD		0.000	2.984	8.604
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.818	101.703%	13.500
%RSD		3.764	0.814	0.776
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		9.943	<u>M</u> 924.000	0.000
%RSD		1.067	<u>M</u> 0.700	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		129.221%	0.445	1.231
%RSD		1.567	1.214	2.342
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 462.700	0.000	
%RSD		<u>TM</u> 0.901	0.000	

240-18011 -b-44 -a, 11/30/2012 20:21:19 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		82.876%	12.030	99.970
%RSD		0.833	0.892	0.940
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		554.100	59330.000	<u>TM</u> 211700.000
%RSD		0.721	1.092	<u>TM</u> 0.654
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 32620.000	68820.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.639	0.445
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		96.382%	106.290%	<u>M</u> 444.600
%RSD		0.745	0.725	<u>M</u> 1.715
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 292.100	<u>M</u> 241.100	1.838
%RSD		<u>M</u> 0.421	<u>M</u> 0.577	154.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 13910.000	<u>TM</u> 393000.000	164.100
%RSD		<u>TM</u> 0.335	<u>TM</u> 0.865	1.138
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 313.500	183.000	<u>M</u> 774.400
%RSD		<u>M</u> 0.875	0.942	<u>M</u> 1.017
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		97.441%	49.830	1.495
%RSD		0.926	1.907	8.471
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.155	<u>M</u> 372.900	3.332
%RSD		4.015	<u>M</u> 0.360	1.025
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.429	-114.300
%RSD		0.000	2.021	6.184
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.374	102.169%	12.730
%RSD		4.399	1.127	0.699
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.014	<u>M</u> 1007.000	0.000
%RSD		1.150	<u>M</u> 0.553	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		135.383%	0.290	1.393
%RSD		1.330	4.516	1.714
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		149.400	0.000	
%RSD		0.415	0.000	

ICSA 11/30/2012 20:26:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		75.100%	0.017	0.743
%RSD		0.785	56.650	35.830
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		<u>151020.000</u>	53370.000	<u>M49230.000</u>
%RSD		<u>10.767</u>	0.654	<u>M0.454</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>10.000</u>	<u>152000.000</u>	50060.000
%RSD		<u>10.000</u>	<u>10.366</u>	0.107
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		75.816%	77.150%	<u>M1041.000</u>
%RSD		0.490	0.584	<u>M1.530</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.313	0.579	-25.040
%RSD		57.850	11.740	3.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		8.554	<u>TM53670.000</u>	0.178
%RSD		3.558	<u>TM0.438</u>	11.140
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.530	0.533	1.340
%RSD		16.000	9.037	14.230
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.540%	0.363	-0.090
%RSD		1.042	33.850	94.380
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.098	0.410	<u>M989.900</u>
%RSD		74.810	15.450	<u>M1.521</u>
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.039	116.200
%RSD		0.000	9.030	13.080
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		-0.004	84.918%	0.149
%RSD		1257.000	0.705	11.380
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.334	0.800	0.000
%RSD		13.210	11.380	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		88.471%	0.138	0.080
%RSD		0.137	12.430	5.515
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.563	0.000	
%RSD		8.183	0.000	

ICSAB 11/30/2012 20:32:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.394%	99.859%	97.643%
%RSD		0.798	1.576	1.538
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.736%	104.453%	97.195%
%RSD		0.931	0.407	0.703
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	103.657%	101.103%
%RSD		0.000	0.544	0.298
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.158%	76.041%	100.947%
%RSD		0.216	1.099	0.802
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.817%	99.624%	-15.720
%RSD		0.758	0.388	4.903
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		92.905%	105.197%	96.567%
%RSD		0.679	0.069	0.903
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		96.879%	96.885%	103.051%
%RSD		0.621	1.099	0.709
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.977%	96.790%	-0.109
%RSD		1.232	1.196	187.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.026%	96.478%	99.306%
%RSD		2.253	0.103	0.833
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.310%	178.200
%RSD		0.000	0.304	10.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		98.662%	83.218%	100.518%
%RSD		0.703	0.835	0.385
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.214%	99.057%	0.000
%RSD		0.414	0.287	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.103%	102.414%	97.306%
%RSD		0.403	1.672	0.657
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		106.855%	0.000	
%RSD		0.514	0.000	

mb 240-66793/1-a, 11/30/2012 20:39:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		73.687%	0.013	0.533
%RSD		0.298	141.000	1.098
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		39.340	58.860	7.120
%RSD		2.330	13.400	14.840
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	28.540	232.200
%RSD		0.000	2.175	1.874
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.505%	79.543%	1.462
%RSD		0.160	0.533	15.290
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.190	0.472	-28.680
%RSD		42.840	7.828	1.553
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.730	51.270	0.018
%RSD		2.456	4.124	40.380
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.855	0.613	4.781
%RSD		8.460	16.820	7.538
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		79.231%	-0.244	0.514
%RSD		0.310	27.270	11.270
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.053	0.381	14.220
%RSD		108.300	3.482	20.450
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.004	1.849
%RSD		0.000	43.940	43.820
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.004	87.335%	22.200
%RSD		412.100	0.656	0.597
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.330	0.853	0.000
%RSD		3.921	13.360	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.916%	1.381	0.375
%RSD		0.238	16.560	7.515
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.220	0.000	
%RSD		2.355	0.000	

Ics 240-66793/3-a, 11/30/2012 20:44:41 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.044%	<u>M897.900</u>	88.350
%RSD		0.307	<u>M0.282</u>	0.444
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8147.000	9609.000	<u>M8998.000</u>
%RSD		0.314	0.601	<u>M0.443</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T9354.000</u>	9225.000
%RSD		0.000	<u>T0.655</u>	0.141
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.948%	76.847%	91.070
%RSD		0.146	0.367	2.773
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M876.800</u>	<u>M912.300</u>	82.030
%RSD		<u>M0.589</u>	<u>M0.341</u>	6.525
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T948.300</u>	<u>T9628.000</u>	<u>M900.300</u>
%RSD		<u>T0.148</u>	<u>T0.642</u>	<u>M0.735</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M904.500</u>	<u>M917.000</u>	<u>M888.600</u>
%RSD		<u>M0.378</u>	<u>M0.754</u>	<u>M0.511</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.915%	<u>M835.800</u>	-4.839
%RSD		0.518	<u>M0.668</u>	9.498
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M806.200</u>	<u>M871.900</u>	94.070
%RSD		<u>M0.259</u>	<u>M0.198</u>	1.064
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	93.330	472.600
%RSD		0.000	0.081	10.620
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M872.100</u>	84.797%	101.400
%RSD		<u>M0.793</u>	0.648	0.725
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		87.480	<u>M893.200</u>	0.000
%RSD		0.203	<u>M0.644</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.270%	91.860	<u>TM254.600</u>
%RSD		0.306	0.996	<u>TM0.157</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM1105.000</u>	0.000	
%RSD		<u>TM0.044</u>	0.000	

240-18032 -b-1-a, 11/30/2012 20:51:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.314%	4.338	57.350
%RSD		0.667	2.129	1.602
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		528.300	74420.000	<u>M</u> 59210.000
%RSD		1.198	0.224	<u>M</u> 0.598
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 11350.000	<u>M</u> 297100.000
%RSD		0.000	<u>T</u> 1.023	<u>M</u> 0.730
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		65.834%	73.652%	<u>M</u> 573.500
%RSD		0.938	0.981	<u>M</u> 2.329
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		131.800	84.750	-31.960
%RSD		0.288	0.841	4.885
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5831.000	<u>TM</u> 137000.000	52.530
%RSD		<u>TM</u> 0.536	<u>TM</u> 0.435	0.674
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		109.600	<u>M</u> 200.100	<u>M</u> 448.400
%RSD		0.942	<u>M</u> 1.197	<u>M</u> 0.551
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.303%	62.710	0.876
%RSD		1.578	0.968	3.945
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.140	<u>M</u> 464.200	10.280
%RSD		2.052	<u>M</u> 0.994	0.930
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.321	-39.430
%RSD		0.000	14.110	11.030
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.080	80.508%	15.930
%RSD		5.909	0.958	0.839
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		8.878	<u>M</u> 612.400	0.000
%RSD		2.824	<u>M</u> 0.830	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		94.586%	1.488	1.654
%RSD		1.203	4.255	3.116
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 879.900	0.000	
%RSD		<u>TM</u> 0.142	0.000	

SD 240-18032 -b-1-a@5, 11/30/2012 20:57:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.481%	1.133	12.560
%RSD		0.205	2.002	1.716
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		115.300	16360.000	M 12930.000
%RSD		1.222	0.299	M 0.582
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	±2436.000	62890.000
%RSD		±0.000	±0.026	0.276
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		67.135%	74.959%	121.200
%RSD		0.572	0.994	1.848
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		27.140	17.730	-35.080
%RSD		1.068	0.578	1.236
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 1250.000	±28980.000	11.250
%RSD		TM 0.327	±0.620	1.204
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		23.920	45.430	99.580
%RSD		1.765	1.302	1.339
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.200%	12.580	0.276
%RSD		0.438	1.694	19.250
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.125	91.600	2.001
%RSD		29.450	0.962	5.114
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.079	-5.935
%RSD		0.000	14.600	78.560
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.580	83.393%	3.544
%RSD		10.830	0.214	2.777
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.132	128.700	0.000
%RSD		3.363	0.312	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.734%	0.532	0.527
%RSD		0.651	9.955	1.786
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		182.100	0.000	
%RSD		0.170	0.000	

240-18032 -b-1-d ms, 11/30/2012 21:02:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.220%	M 828.500	121.300
%RSD		0.573	M 0.434	0.576
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8390.000	96310.000	M 70860.000
%RSD		0.597	0.397	M 0.296
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 20730.000	M 356900.000
%RSD		0.000	T 0.578	M 0.291
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		66.458%	77.943%	M 648.300
%RSD		0.573	1.437	M 1.233
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1017.000	M 995.700	101.700
%RSD		M 0.741	M 0.378	7.023
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7986.000	TM 171200.000	M 947.600
%RSD		TM 0.225	TM 0.341	M 0.347
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 982.800	M 1063.000	M 1299.000
%RSD		M 0.352	M 0.308	M 0.810
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.057%	M 921.800	-3.718
%RSD		0.739	M 1.019	23.220
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 801.900	M 1480.000	105.100
%RSD		M 0.209	M 0.665	0.621
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	86.400	469.800
%RSD		0.000	0.584	8.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 845.100	84.240%	98.110
%RSD		M 0.350	1.319	0.670
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		87.800	M 1553.000	0.000
%RSD		0.891	M 0.441	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.830%	66.080	TM 223.000
%RSD		0.966	0.640	TM 0.551
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 4878.000	0.000	
%RSD		TM 0.276	0.000	

CCV 11/30/2012 21:10:11 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		68.334%	98.762%	95.767%
%RSD		0.577	0.930	0.834
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		101.421%	103.698%	106.964%
%RSD		0.633	0.274	2.129
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	101.883%	100.031%
%RSD		0.000	0.505	0.086
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		69.066%	76.879%	99.693%
%RSD		0.404	0.998	2.724
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		97.489%	99.951%	-18.060
%RSD		0.991	0.254	5.589
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		103.638%	105.320%	99.328%
%RSD		0.205	0.152	0.192
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		99.377%	100.307%	104.571%
%RSD		1.220	0.555	0.168
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.866%	98.101%	-0.568
%RSD		1.058	0.539	37.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.379%	96.971%	103.591%
%RSD		2.801	0.807	0.761
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.474%	96.710
%RSD		0.000	0.551	55.520
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		97.253%	84.035%	96.919%
%RSD		0.473	0.644	0.342
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		98.298%	96.265%	0.000
%RSD		0.801	0.846	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		87.676%	104.716%	97.555%
%RSD		0.671	0.494	0.525
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		106.473%	0.000	
%RSD		0.470	0.000	

CCB 11/30/2012 21:17:25 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		69.132%	0.106	0.580
%RSD		0.327	16.510	9.768
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		36.840	50.420	20.740
%RSD		6.344	32.390	6.294
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	35.680	65.640
%RSD		±0.000	2.933	4.375
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		68.907%	75.540%	0.314
%RSD		0.184	0.569	17.590
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.266	-0.069	-31.440
%RSD		109.200	32.420	2.777
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.228	58.900	0.140
%RSD		1.547	4.020	6.729
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.114	0.269	0.858
%RSD		62.040	29.950	16.240
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		77.518%	-0.103	0.028
%RSD		0.872	53.000	320.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.152	0.242	-0.035
%RSD		58.570	17.850	158.500
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.079	-1.725
%RSD		0.000	13.050	82.980
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.126	85.047%	0.235
%RSD		42.920	0.403	7.129
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.423	0.224	0.000
%RSD		1.679	31.360	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		86.301%	0.841	0.544
%RSD		0.224	6.858	4.001
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.830	0.000	
%RSD		7.848	0.000	

240-18032 -b-1-e msd, 11/30/2012 21:22:54 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.155%	M 831.800	129.900
%RSD		0.587	M 1.372	0.882
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8342.000	76540.000	M 74730.000
%RSD		0.507	1.129	M 0.633
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 19990.000	M 330200.000
%RSD		0.000	T 2.735	M 2.606
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		61.405%	72.751%	M 763.300
%RSD		0.909	0.997	M 2.447
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1006.000	M 975.100	100.800
%RSD		M 0.299	M 0.355	5.604
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7600.000	TM 170100.000	M 932.500
%RSD		TM 2.331	TM 1.202	M 0.871
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 968.100	M 1020.000	M 1272.000
%RSD		M 1.004	M 1.024	M 0.829
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.298%	M 892.800	-3.691
%RSD		0.793	M 0.674	7.908
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 786.900	M 1534.000	101.700
%RSD		M 1.214	M 0.931	1.538
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	84.820	510.200
%RSD		0.000	1.551	12.910
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 827.100	80.364%	97.210
%RSD		M 1.642	0.279	1.036
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		42.320	M 1444.000	0.000
%RSD		0.244	M 1.188	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		95.341%	67.790	TM 223.300
%RSD		1.318	0.396	TM 0.604
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1698.000	0.000	
%RSD		TM 0.549	0.000	

240-18032 -b-2-a, 11/30/2012 21:30:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		61.169%	4.496	52.590
%RSD		0.544	1.306	1.890
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		635.800	92930.000	<u>M</u> 66980.000
%RSD		2.465	1.179	<u>M</u> 0.855
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 9865.000	<u>TM</u> 531000.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.842	<u>TM</u> 0.468
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 76.056%	77.546%	<u>M</u> 669.600
%RSD		<u>T</u> 0.267	0.650	<u>M</u> 1.257
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		154.600	94.550	-20.980
%RSD		0.418	1.470	3.271
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7290.000	<u>TM</u> 172900.000	68.540
%RSD		<u>TM</u> 0.256	<u>TM</u> 1.455	0.720
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		133.400	158.300	<u>M</u> 379.900
%RSD		1.921	1.689	<u>M</u> 1.245
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		70.545%	65.050	1.153
%RSD		0.951	0.677	11.750
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.522	<u>M</u> 1155.000	15.430
%RSD		1.807	<u>M</u> 1.010	2.116
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.280	-43.330
%RSD		0.000	5.345	27.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.611	83.841%	13.620
%RSD		8.092	1.066	0.844
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		7.942	<u>M</u> 624.800	0.000
%RSD		1.631	<u>M</u> 0.189	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.212%	1.148	1.827
%RSD		1.474	5.767	1.242
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 829.500	0.000	
%RSD		<u>TM</u> 0.518	0.000	

240-18032 -b-3-a, 11/30/2012 21:35:39 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		59.352%	5.373	51.030
%RSD		0.511	2.975	2.117
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		600.100	73880.000	<u>M 70020.000</u>
%RSD		0.555	0.446	<u>M 0.804</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 11600.000</u>	<u>M 374600.000</u>
%RSD		0.000	<u>T 0.940</u>	<u>M 0.118</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		64.980%	75.297%	<u>M 644.700</u>
%RSD		0.547	0.611	<u>M 1.479</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		159.900	96.950	-27.400
%RSD		0.091	0.357	0.978
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8068.000</u>	<u>TM 177800.000</u>	68.640
%RSD		<u>TM 0.171</u>	<u>TM 0.819</u>	1.228
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		137.200	<u>M 219.100</u>	<u>M 481.300</u>
%RSD		0.865	<u>M 0.575</u>	<u>M 0.382</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		69.142%	79.410	1.063
%RSD		0.714	0.129	4.267
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.769	<u>M 715.200</u>	13.340
%RSD		7.495	<u>M 0.820</u>	2.482
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.318	-64.700
%RSD		0.000	5.201	27.220
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.945	82.186%	17.960
%RSD		10.970	0.674	0.767
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		12.120	<u>M 746.300</u>	0.000
%RSD		0.679	<u>M 0.610</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		99.933%	1.085	1.695
%RSD		0.686	1.342	1.118
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 883.800</u>	0.000	
%RSD		<u>TM 0.491</u>	0.000	

240-18032 -b-4-a, 11/30/2012 21:41:09 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.940%	5.838	38.550
%RSD		2.042	3.982	2.013
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		555.800	72300.000	<u>M</u> 70710.000
%RSD		1.275	0.900	<u>M</u> 0.725
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 10400.000	<u>M</u> 296500.000
%RSD		0.000	<u>T</u> 0.507	<u>M</u> 0.163
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		63.017%	73.437%	<u>M</u> 676.800
%RSD		0.148	1.033	<u>M</u> 1.898
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		163.300	125.800	-20.640
%RSD		1.090	0.836	12.990
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8008.000	<u>TM</u> 192400.000	75.880
%RSD		<u>TM</u> 0.221	<u>TM</u> 0.844	0.372
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		159.300	<u>M</u> 235.600	<u>M</u> 510.400
%RSD		0.708	<u>M</u> 1.131	<u>M</u> 0.319
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		68.040%	80.240	0.938
%RSD		0.801	1.569	22.630
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.852	<u>M</u> 607.200	14.210
%RSD		4.744	<u>M</u> 1.233	2.103
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.376	-68.060
%RSD		0.000	6.790	5.955
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.890	80.251%	17.120
%RSD		4.740	0.935	2.096
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		11.020	<u>M</u> 752.200	0.000
%RSD		2.370	<u>M</u> 1.498	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		100.026%	1.049	1.605
%RSD		0.551	1.159	0.564
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1195.000	0.000	
%RSD		<u>TM</u> 0.718	0.000	

240-18032 -b-5-a, 11/30/2012 21:46:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		60.470%	4.722	70.510
%RSD		0.513	2.275	1.585
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		758.300	<u>M 168000.000</u>	<u>M 51270.000</u>
%RSD		0.169	<u>M 0.244</u>	<u>M 0.595</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 7498.000</u>	<u>TM 546400.000</u>
%RSD		0.000	<u>T 0.223</u>	<u>TM 0.198</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T 73.063%</u>	71.996%	<u>M 718.300</u>
%RSD		<u>T 0.247</u>	0.904	<u>M 0.673</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		136.400	81.620	-29.470
%RSD		1.594	1.005	12.280
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7970.000</u>	<u>TM 163300.000</u>	57.320
%RSD		<u>TM 0.242</u>	<u>TM 0.439</u>	0.788
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		105.000	<u>M 240.700</u>	<u>M 410.700</u>
%RSD		0.682	<u>M 1.250</u>	<u>M 1.445</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		65.764%	120.900	0.924
%RSD		1.311	1.285	24.210
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.265	<u>M 885.900</u>	12.940
%RSD		7.545	<u>M 0.194</u>	1.767
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.334	-38.720
%RSD		0.000	3.303	13.490
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.642	79.521%	22.670
%RSD		2.917	0.611	0.630
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		20.120	<u>M 914.100</u>	0.000
%RSD		0.531	<u>M 0.230</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.561%	1.549	1.651
%RSD		0.696	0.138	0.717
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 1269.000</u>	0.000	
%RSD		<u>TM 0.394</u>	0.000	

240-18032 -b-6-a, 11/30/2012 21:52:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.248%	4.058	41.160
%RSD		1.103	2.341	2.091
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		592.400	80950.000	<u>M</u> 55960.000
%RSD		0.496	0.685	<u>M</u> 0.338
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 6779.000	<u>TM</u> 502000.000
%RSD		0.000	<u>T</u> 0.228	<u>TM</u> 0.330
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T</u> 70.062%	68.972%	<u>M</u> 513.000
%RSD		<u>T</u> 0.345	0.849	<u>M</u> 0.992
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		138.200	115.200	-25.360
%RSD		0.745	0.927	6.459
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 5139.000	<u>TM</u> 156600.000	60.930
%RSD		<u>TM</u> 0.162	<u>TM</u> 0.953	0.918
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		114.600	<u>M</u> 330.900	<u>M</u> 649.600
%RSD		0.467	<u>M</u> 0.444	<u>M</u> 0.277
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.573%	95.640	0.932
%RSD		0.959	1.446	5.347
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.807	<u>M</u> 868.500	8.494
%RSD		7.847	<u>M</u> 0.254	2.420
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.305	-47.200
%RSD		0.000	2.036	8.693
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.729	77.768%	20.070
%RSD		4.952	0.808	1.864
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		11.520	<u>M</u> 654.400	0.000
%RSD		1.213	<u>M</u> 0.310	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		92.065%	0.715	1.217
%RSD		1.082	1.889	0.460
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 2453.000	0.000	
%RSD		<u>TM</u> 0.551	0.000	

240-18032 -b-7-a, 11/30/2012 21:57:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.674%	4.848	57.200
%RSD		0.722	1.933	0.703
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		945.800	M 193600.000	M 62230.000
%RSD		0.529	M 0.119	M 0.670
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 7990.000	TM 816200.000
%RSD		T 0.000	T 7.970	TM 7.516
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		T 65.327%	69.490%	M 777.200
%RSD		T 7.735	0.886	M 1.121
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		160.300	139.700	-14.930
%RSD		1.313	0.386	30.020
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 5867.000	TM 169500.000	62.780
%RSD		TM 7.575	TM 0.197	0.180
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		118.900	M 344.700	M 659.500
%RSD		0.677	M 0.861	M 0.150
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.656%	175.100	1.171
%RSD		1.116	0.542	20.050
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.851	M 1069.000	10.820
%RSD		9.803	M 0.194	1.123
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.369	-61.150
%RSD		0.000	3.216	7.650
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.998	77.078%	43.260
%RSD		3.501	1.032	0.828
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		23.830	M 792.200	0.000
%RSD		0.847	M 0.426	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		91.581%	1.224	1.355
%RSD		1.226	1.833	0.891
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 2397.000	0.000	
%RSD		TM 0.326	0.000	

240-18032 -b-8-a, 11/30/2012 22:03:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		53.060%	6.027	42.580
%RSD		0.303	3.369	1.717
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		691.000	85520.000	<u>TM 91930.000</u>
%RSD		1.843	1.054	<u>TM 7.521</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 8670.000</u>	<u>TM 673200.000</u>
%RSD		0.000	<u>T 0.793</u>	<u>TM 0.377</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		<u>T 68.237%</u>	66.228%	<u>M 866.600</u>
%RSD		<u>T 0.322</u>	1.125	<u>M 1.397</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 209.400</u>	134.900	-23.450
%RSD		<u>M 0.546</u>	0.382	11.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 5836.000</u>	<u>TM 205500.000</u>	73.550
%RSD		<u>TM 0.255</u>	<u>TM 0.279</u>	0.365
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		140.100	<u>M 291.500</u>	<u>M 697.000</u>
%RSD		1.288	<u>M 0.535</u>	<u>M 0.211</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		61.757%	129.100	1.108
%RSD		1.305	0.984	5.665
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.803	<u>M 983.200</u>	13.040
%RSD		4.825	<u>M 0.187</u>	1.639
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.420	-45.560
%RSD		0.000	7.099	15.980
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.251	74.907%	18.430
%RSD		7.474	1.300	1.519
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		27.830	<u>M 922.700</u>	0.000
%RSD		0.644	<u>M 0.569</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		90.171%	0.928	14.800
%RSD		1.034	2.041	0.811
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 6808.000</u>	0.000	
%RSD		<u>TM 0.367</u>	0.000	

240-18032 -b-9-a, 11/30/2012 22:08:57 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		54.200%	3.683	66.200
%RSD		0.454	4.237	0.478
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4163.000	<u>M 257700.000</u>	<u>M 42980.000</u>
%RSD		0.511	<u>M 0.913</u>	<u>M 0.279</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 6942.000</u>	<u>TM 1790000.000</u>
%RSD		0.000	<u>T 1.190</u>	<u>TM 0.204</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.576%	61.699%	<u>M 777.300</u>
%RSD		0.190	0.392	<u>M 0.993</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		110.800	83.700	-24.770
%RSD		0.730	0.416	14.430
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7070.000</u>	<u>TM 120300.000</u>	42.260
%RSD		<u>TM 0.668</u>	<u>TM 0.999</u>	0.901
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		82.190	180.800	<u>M 464.400</u>
%RSD		0.826	0.441	<u>M 0.382</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.209%	154.200	1.313
%RSD		0.283	0.310	18.560
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.001	<u>TM 3423.000</u>	10.040
%RSD		14.050	<u>TM 0.358</u>	1.017
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.865	-38.990
%RSD		0.000	2.163	29.990
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.816	71.078%	21.380
%RSD		4.587	1.099	1.972
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		44.270	<u>M 865.200</u>	0.000
%RSD		2.098	<u>M 1.194</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		81.253%	1.050	0.994
%RSD		0.995	2.549	1.105
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 3873.000</u>	0.000	
%RSD		<u>TM 0.289</u>	0.000	

240-18032 -b-10 -a, 11/30/2012 22:14:28 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		57.150%	6.565	40.490
%RSD		0.114	2.130	1.755
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		186.100	30590.000	<u>TM</u> 103300.000
%RSD		2.015	1.974	<u>TM</u> 1.672
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>TM</u> 0.000	<u>TM</u> 14240.000	38740.000
%RSD		<u>TM</u> 0.000	<u>TM</u> 0.179	0.330
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.565%	70.815%	<u>M</u> 384.300
%RSD		0.679	1.492	<u>M</u> 2.009
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		160.900	133.600	-12.900
%RSD		1.561	1.318	18.290
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7714.000	<u>TM</u> 226100.000	103.700
%RSD		<u>TM</u> 0.313	<u>TM</u> 1.107	1.339
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		172.300	156.900	<u>M</u> 559.900
%RSD		0.994	0.920	<u>M</u> 0.703
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.618%	51.980	0.982
%RSD		1.758	1.938	0.901
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.071	193.100	3.957
%RSD		5.501	0.201	1.381
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.384	-48.840
%RSD		0.000	4.587	35.060
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.681	77.938%	16.120
%RSD		2.556	1.287	1.417
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		10.070	<u>M</u> 863.900	0.000
%RSD		2.156	<u>M</u> 0.462	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		98.189%	0.521	1.197
%RSD		1.507	1.443	1.023
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 769.100	0.000	
%RSD		<u>TM</u> 0.370	0.000	

CCV 11/30/2012 22:19:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.446%	98.490%	92.860%
%RSD		0.767	0.992	1.135
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		199.408%	102.407%	101.876%
%RSD		10.654	0.625	1.625
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		10.000	102.645%	99.110%
%RSD		10.000	10.217	0.632
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		55.641%	63.979%	103.032%
%RSD		0.924	1.365	0.610
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.845%	97.634%	-20.340
%RSD		0.492	1.317	12.190
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		90.531%	105.111%	98.220%
%RSD		0.238	10.643	0.710
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		98.287%	100.421%	105.075%
%RSD		1.600	0.317	1.267
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.982%	97.662%	-0.724
%RSD		1.336	0.550	21.840
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.702%	97.142%	102.417%
%RSD		1.607	0.571	1.173
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.956%	13.240
%RSD		0.000	0.583	145.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		97.922%	71.642%	98.390%
%RSD		2.211	1.285	0.115
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.693%	96.126%	0.000
%RSD		0.587	0.637	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.941%	105.104%	98.746%
%RSD		0.698	0.608	0.169
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		108.275%	0.000	
%RSD		0.194	0.000	

CCB 11/30/2012 22:26:15 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.249%	0.127	0.668
%RSD		0.600	22.350	20.870
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		34.080	44.140	20.240
%RSD		4.349	19.190	6.395
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	38.970	85.080
%RSD		0.000	0.638	10.380
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.275%	62.070%	0.259
%RSD		0.873	0.975	67.650
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.160	0.054	-32.630
%RSD		151.100	68.480	2.528
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.490	62.670	0.109
%RSD		1.607	1.560	6.647
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.136	0.266	0.520
%RSD		21.220	19.100	3.253
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		63.509%	-0.095	0.050
%RSD		1.057	19.880	178.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.117	0.244	-0.189
%RSD		29.320	21.790	81.910
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.078	-1.086
%RSD		0.000	10.190	250.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.092	71.896%	0.208
%RSD		5.025	0.979	21.240
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.373	0.246	0.000
%RSD		9.380	19.700	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.380%	0.828	0.401
%RSD		1.240	16.050	10.310
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.834	0.000	
%RSD		2.101	0.000	

240-18032 -b-11 -a, 11/30/2012 22:31:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.118%	6.840	44.330
%RSD		2.737	6.912	6.869
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		214.200	30260.000	<u>TM</u> 103700.000
%RSD		0.935	1.288	<u>TM</u> 1.628
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 15820.000	39820.000
%RSD		<u>T</u> 0.000	<u>T</u> 4.742	5.804
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		62.357%	70.089%	<u>M</u> 512.800
%RSD		2.678	1.773	<u>M</u> 2.297
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		169.200	140.200	-18.650
%RSD		1.783	1.751	8.639
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7534.000	<u>TM</u> 222400.000	102.900
%RSD		<u>TM</u> 5.635	<u>TM</u> 1.603	1.669
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		170.400	166.600	<u>M</u> 577.500
%RSD		2.296	1.478	<u>M</u> 1.099
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.959%	52.030	0.888
%RSD		1.338	2.328	19.260
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.051	188.500	3.972
%RSD		6.428	1.910	3.288
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.397	-45.590
%RSD		0.000	4.747	15.300
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.765	76.795%	17.300
%RSD		9.501	1.533	4.122
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		9.888	<u>M</u> 833.100	0.000
%RSD		1.767	<u>M</u> 1.678	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		97.158%	0.766	1.239
%RSD		1.607	2.031	0.996
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 794.500	0.000	
%RSD		<u>TM</u> 1.149	0.000	

240-18032 -b-12 -a, 11/30/2012 22:37:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.622%	8.406	46.710
%RSD		0.503	0.536	0.912
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		249.100	41250.000	<u>TM</u> 134800.000
%RSD		1.222	0.768	<u>TM</u> 0.363
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 17720.000	48070.000
%RSD		<u>±</u> 0.000	<u>±</u> 0.377	0.198
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.078%	79.966%	<u>M</u> 479.200
%RSD		0.582	1.267	<u>M</u> 1.744
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 212.700	175.100	-10.720
%RSD		<u>M</u> 0.316	0.259	15.250
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11980.000	<u>TM</u> 293500.000	147.400
%RSD		<u>TM</u> 0.270	<u>TM</u> 0.646	0.486
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 222.000	187.100	<u>M</u> 671.300
%RSD		<u>M</u> 0.885	0.814	<u>M</u> 0.343
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.787%	61.570	1.166
%RSD		1.771	0.821	13.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.242	<u>M</u> 246.900	5.356
%RSD		6.767	<u>M</u> 0.680	1.312
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.480	-76.310
%RSD		0.000	1.455	16.630
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.967	84.286%	18.120
%RSD		1.117	0.532	1.714
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		11.850	<u>M</u> 1035.000	0.000
%RSD		4.100	<u>M</u> 1.278	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		110.064%	0.670	1.393
%RSD		1.189	1.763	1.537
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 803.200	0.000	
%RSD		<u>TM</u> 0.663	0.000	

240-18032 -b-13 -a, 11/30/2012 22:42:45 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		64.487%	8.050	40.510
%RSD		0.836	2.902	3.564
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		336.000	48420.000	<u>TM</u> 145300.000
%RSD		1.378	1.294	<u>TM</u> 0.925
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 15060.000	46850.000
%RSD		0.000	<u>T</u> 2.683	3.212
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		73.550%	81.073%	<u>M</u> 363.400
%RSD		1.282	0.488	<u>M</u> 2.291
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 213.400	188.800	-9.440
%RSD		<u>M</u> 1.178	1.277	18.010
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 8045.000	<u>TM</u> 314300.000	136.300
%RSD		<u>TM</u> 3.265	<u>TM</u> 1.031	0.703
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 254.400	154.100	<u>M</u> 606.500
%RSD		<u>M</u> 0.424	0.812	<u>M</u> 0.925
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.306%	39.140	1.187
%RSD		0.626	1.124	6.239
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.443	<u>M</u> 243.100	2.827
%RSD		4.336	<u>M</u> 0.969	3.016
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.272	-80.660
%RSD		0.000	2.260	12.930
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.745	83.287%	9.799
%RSD		5.504	1.047	2.012
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.364	<u>M</u> 596.300	0.000
%RSD		0.757	<u>M</u> 0.514	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		108.905%	0.246	0.901
%RSD		0.890	7.899	1.204
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		98.950	0.000	
%RSD		0.884	0.000	

240-18032 -b-14 -a, 11/30/2012 22:48:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.417%	8.418	58.500
%RSD		0.317	2.105	1.457
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		408.000	49470.000	<u>TM</u> 148000.000
%RSD		0.134	0.619	<u>TM</u> 0.192
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 16630.000	52070.000
%RSD		0.000	<u>T</u> 0.556	0.859
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.593%	81.459%	<u>M</u> 372.200
%RSD		0.701	0.522	<u>M</u> 1.525
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 215.200	184.800	-7.532
%RSD		<u>M</u> 1.252	0.472	73.890
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7473.000	<u>TM</u> 321800.000	125.600
%RSD		<u>TM</u> 0.559	<u>TM</u> 1.334	1.163
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 251.400	149.400	<u>M</u> 588.900
%RSD		<u>M</u> 0.454	0.389	<u>M</u> 0.534
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		75.448%	38.140	1.139
%RSD		0.582	0.940	20.750
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.841	<u>M</u> 270.200	2.509
%RSD		4.403	<u>M</u> 1.014	1.187
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.222	-86.780
%RSD		0.000	5.493	13.590
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.694	83.670%	12.310
%RSD		2.048	0.849	2.756
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.054	<u>M</u> 545.700	0.000
%RSD		1.902	<u>M</u> 0.214	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		109.655%	0.251	0.897
%RSD		1.380	4.778	1.138
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		106.600	0.000	
%RSD		0.185	0.000	

240-18032 -b-15 -a, 11/30/2012 22:53:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		52.659%	5.881	58.920
%RSD		1.137	3.585	1.599
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		510.400	61620.000	<u>TM</u> 101800.000
%RSD		1.662	0.425	<u>TM</u> 0.194
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 14160.000	<u>M</u> 188400.000
%RSD		<u>T</u> 0.000	<u>T</u> 0.718	<u>M</u> 0.314
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.281%	66.250%	<u>M</u> 533.400
%RSD		0.406	1.239	<u>M</u> 0.440
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		175.300	140.400	-14.340
%RSD		0.831	0.246	24.970
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 7163.000	<u>TM</u> 298700.000	96.610
%RSD		<u>TM</u> 0.149	<u>TM</u> 0.618	0.818
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		192.900	<u>M</u> 883.800	<u>M</u> 1409.000
%RSD		0.421	<u>M</u> 0.415	<u>M</u> 1.017
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		62.086%	72.480	1.120
%RSD		1.614	0.319	9.585
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.337	<u>M</u> 449.100	7.482
%RSD		2.346	<u>M</u> 1.035	1.303
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.656	-68.690
%RSD		0.000	4.475	6.607
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.345	73.228%	39.660
%RSD		4.765	1.033	0.347
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		9.944	<u>M</u> 1211.000	0.000
%RSD		1.665	<u>M</u> 0.656	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		93.757%	1.478	1.132
%RSD		1.342	1.119	1.034
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 2348.000	0.000	
%RSD		<u>TM</u> 0.168	0.000	

240-18032 -b-16 -a, 11/30/2012 22:59:23 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		65.982%	8.531	36.640
%RSD		0.424	2.639	1.148
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		334.800	36560.000	<u>TM 150900.000</u>
%RSD		2.133	2.007	<u>TM 1.545</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 16090.000</u>	47160.000
%RSD		0.000	<u>T 0.051</u>	0.361
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		74.265%	81.315%	<u>M 455.000</u>
%RSD		0.514	0.853	<u>M 1.676</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 253.100</u>	172.700	-11.480
%RSD		<u>M 1.578</u>	1.215	8.677
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 10520.000</u>	<u>TM 292000.000</u>	113.300
%RSD		<u>TM 0.192</u>	<u>TM 1.740</u>	1.842
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M 212.400</u>	<u>M 212.900</u>	<u>M 799.900</u>
%RSD		<u>M 2.129</u>	<u>M 1.887</u>	<u>M 1.708</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		76.068%	69.320	1.178
%RSD		1.376	1.636	10.960
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.351	<u>M 240.900</u>	8.276
%RSD		8.308	<u>M 2.311</u>	1.914
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.462	-83.560
%RSD		0.000	2.523	14.810
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.895	83.933%	12.280
%RSD		5.919	1.546	2.194
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.846	<u>M 821.600</u>	0.000
%RSD		3.272	<u>M 0.931</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		110.145%	0.345	1.609
%RSD		1.290	3.348	1.665
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM 326.400</u>	0.000	
%RSD		<u>TM 0.972</u>	0.000	

240-18032 -b-17 -a, 11/30/2012 23:04:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		70.868%	7.815	45.720
%RSD		0.194	1.353	0.906
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		396.200	44440.000	<u>TM</u> 142200.000
%RSD		1.641	0.275	<u>TM</u> 0.404
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>†</u> 0.000	<u>†</u> 17340.000	56250.000
%RSD		<u>†</u> 0.000	<u>†</u> 0.894	0.472
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		77.490%	85.527%	<u>M</u> 554.400
%RSD		0.439	0.926	<u>M</u> 0.842
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 224.600	177.400	-4.231
%RSD		<u>M</u> 0.636	0.395	99.740
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 11430.000	<u>TM</u> 325100.000	131.800
%RSD		<u>TM</u> 0.264	<u>TM</u> 0.520	0.036
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 246.800	<u>M</u> 319.100	<u>M</u> 977.300
%RSD		<u>M</u> 1.128	<u>M</u> 0.566	<u>M</u> 0.079
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		78.981%	57.050	1.225
%RSD		1.321	0.405	4.574
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		7.315	<u>M</u> 273.500	5.947
%RSD		1.956	<u>M</u> 0.542	2.055
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.351	-101.800
%RSD		0.000	2.049	6.758
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		2.055	88.372%	15.380
%RSD		2.021	0.445	1.179
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.322	<u>M</u> 782.600	0.000
%RSD		1.420	<u>M</u> 0.555	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		115.929%	0.374	1.144
%RSD		1.240	1.266	1.393
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 532.700	0.000	
%RSD		<u>TM</u> 0.854	0.000	

240-18032 -b-18 -a, 11/30/2012 23:10:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.134%	7.947	61.960
%RSD		0.117	0.167	0.537
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		513.300	44970.000	<u>TM</u> 140100.000
%RSD		1.015	2.372	<u>TM</u> 1.815
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>±</u> 0.000	<u>±</u> 17180.000	96220.000
%RSD		<u>±</u> 0.000	<u>±</u> 1.049	0.177
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		70.971%	77.913%	<u>M</u> 382.900
%RSD		0.346	0.457	<u>M</u> 2.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 204.100	169.900	-13.440
%RSD		<u>M</u> 1.294	1.724	7.439
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 12790.000	<u>TM</u> 302600.000	126.600
%RSD		<u>TM</u> 0.499	<u>TM</u> 1.751	1.259
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 233.600	177.700	<u>M</u> 625.900
%RSD		<u>M</u> 1.931	2.248	<u>M</u> 1.514
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		72.943%	46.910	1.272
%RSD		0.426	3.852	13.210
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.933	<u>M</u> 397.200	4.198
%RSD		10.200	<u>M</u> 1.661	2.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.235	-80.950
%RSD		0.000	5.134	2.733
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		1.352	82.452%	11.660
%RSD		2.999	1.138	1.557
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.962	<u>M</u> 655.500	0.000
%RSD		4.221	<u>M</u> 1.053	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		105.080%	0.296	1.046
%RSD		0.899	7.639	0.813
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 254.800	0.000	
%RSD		<u>TM</u> 0.956	0.000	

240-18032 -b-25 -a, 11/30/2012 23:15:59 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		62.747%	7.220	90.140
%RSD		0.519	0.889	1.846
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		639.900	63250.000	<u>TM</u> 141700.000
%RSD		0.774	0.319	<u>TM</u> 0.120
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 21450.000	93410.000
%RSD		0.000	<u>T</u> 0.466	0.335
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		71.073%	79.136%	<u>M</u> 474.300
%RSD		0.358	1.158	<u>M</u> 0.972
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 208.200	193.600	-10.460
%RSD		<u>M</u> 0.922	0.657	23.820
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 4358.000	<u>TM</u> 304700.000	152.700
%RSD		<u>TM</u> 0.262	<u>TM</u> 1.442	1.062
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 273.100	151.000	<u>M</u> 584.300
%RSD		<u>M</u> 1.452	0.985	<u>M</u> 1.293
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		73.267%	24.060	1.030
%RSD		0.674	1.073	13.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.491	<u>M</u> 354.000	0.861
%RSD		4.131	<u>M</u> 2.094	19.150
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.116	-83.100
%RSD		0.000	11.170	18.570
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.221	82.920%	9.615
%RSD		10.390	0.606	0.568
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		2.625	<u>M</u> 328.700	0.000
%RSD		1.176	<u>M</u> 1.501	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		102.251%	0.154	0.892
%RSD		0.974	8.648	0.361
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		70.320	0.000	
%RSD		0.541	0.000	

240-18032 -b-26 -a, 11/30/2012 23:21:49 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.896%	7.242	118.000
%RSD		0.491	1.082	1.212
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		672.600	57980.000	<u>M</u> 135600.000
%RSD		0.363	0.413	<u>M</u> 0.176
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T</u> 0.000	<u>T</u> 25290.000	<u>M</u> 242500.000
%RSD		<u>T</u> 0.000	<u>T</u> 2.305	<u>M</u> 1.997
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		56.447%	63.475%	<u>M</u> 403.200
%RSD		0.719	0.592	<u>M</u> 1.302
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 206.400	189.700	-13.350
%RSD		<u>M</u> 0.868	0.478	16.680
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>M</u> 3681.000	<u>M</u> 301500.000	127.200
%RSD		<u>M</u> 1.812	<u>M</u> 0.406	0.337
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 244.500	151.300	<u>M</u> 515.200
%RSD		<u>M</u> 0.601	0.789	<u>M</u> 1.183
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.379%	28.850	1.091
%RSD		1.179	2.087	6.205
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		4.629	<u>M</u> 410.800	0.815
%RSD		4.883	<u>M</u> 0.803	5.968
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.147	-65.950
%RSD		0.000	6.269	7.783
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.155	69.706%	10.840
%RSD		6.660	1.928	1.349
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.083	<u>M</u> 321.900	0.000
%RSD		1.859	<u>M</u> 0.349	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		89.298%	0.111	0.881
%RSD		1.543	7.105	1.818
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		87.290	0.000	
%RSD		0.332	0.000	

CCV 11/30/2012 23:27:19 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		56.369%	98.601%	95.043%
%RSD		0.426	1.104	1.617
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.797%	104.486%	105.073%
%RSD		1.130	1.588	1.191
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	104.705%	99.345%
%RSD		0.000	0.434	0.086
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		57.281%	66.823%	100.399%
%RSD		0.764	0.952	2.981
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		96.760%	98.540%	-20.630
%RSD		0.618	0.763	1.893
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		95.079%	106.758%	97.969%
%RSD		8.419	0.555	0.916
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		97.953%	99.441%	105.696%
%RSD		1.216	1.583	1.311
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		66.146%	97.457%	-0.524
%RSD		1.748	0.722	19.480
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		99.455%	98.181%	103.748%
%RSD		1.809	0.737	1.360
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	98.768%	8.658
%RSD		0.000	0.539	226.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		99.428%	73.889%	98.767%
%RSD		1.449	0.483	1.191
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.664%	97.216%	0.000
%RSD		1.371	1.125	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		80.810%	105.206%	97.332%
%RSD		1.298	0.557	0.356
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		108.394%	0.000	
%RSD		0.148	0.000	

CCB 11/30/2012 23:33:43 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		58.058%	0.128	0.810
%RSD		0.270	6.883	6.178
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		45.970	79.940	34.480
%RSD		9.288	29.180	20.010
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		±0.000	44.350	96.420
%RSD		±0.000	2.465	6.465
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		59.147%	66.435%	0.373
%RSD		0.612	0.612	81.320
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.314	-0.032	-32.110
%RSD		78.350	100.400	2.417
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.656	101.500	0.179
%RSD		0.637	18.640	9.472
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.128	0.346	1.167
%RSD		25.560	8.360	4.711
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		67.457%	-0.104	0.024
%RSD		0.798	108.300	171.700
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.332	0.314	-0.159
%RSD		42.480	3.698	36.740
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.112	-1.674
%RSD		0.000	6.031	151.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.130	74.910%	0.220
%RSD		4.481	0.426	9.060
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.321	0.319	0.000
%RSD		13.350	15.150	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.490%	0.863	0.396
%RSD		0.228	12.620	1.571
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.954	0.000	
%RSD		6.494	0.000	

mb 240-66737/1-a, 11/30/2012 23:39:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		55.496%	0.019	0.594
%RSD		0.250	48.230	5.358
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		39.110	55.430	18.790
%RSD		2.655	3.305	4.654
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	21.610	243.800
%RSD		0.000	0.863	7.716
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.676%	62.577%	0.884
%RSD		0.332	0.477	65.090
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.163	0.314	-37.000
%RSD		41.170	2.070	0.749
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.789	76.870	0.125
%RSD		1.236	1.181	12.770
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.250	0.550	1.755
%RSD		6.813	22.740	5.562
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		64.362%	-0.063	0.499
%RSD		0.876	157.300	25.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.330	0.523	-0.656
%RSD		44.640	6.600	9.571
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.010	-0.875
%RSD		0.000	47.560	99.070
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.022	72.070%	19.490
%RSD		36.470	0.389	0.249
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.513	1.174	0.000
%RSD		7.190	10.610	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.464%	0.241	0.499
%RSD		0.376	13.120	2.901
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		0.669	0.000	
%RSD		1.392	0.000	

Ics 240-66737/2-a, 11/30/2012 23:44:47 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		50.321%	<u>M909.900</u>	85.990
%RSD		0.704	<u>M1.053</u>	1.938
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8012.000	9543.000	<u>M8711.000</u>
%RSD		0.882	0.484	<u>M1.230</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T9466.000</u>	9006.000
%RSD		0.000	<u>T0.876</u>	1.512
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		53.213%	58.761%	85.600
%RSD		0.516	1.938	4.229
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M854.300</u>	<u>M898.100</u>	95.030
%RSD		<u>M1.547</u>	<u>M1.372</u>	7.571
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>T960.500</u>	<u>T9663.000</u>	<u>M868.400</u>
%RSD		<u>T1.041</u>	<u>T0.557</u>	<u>M0.218</u>
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M885.300</u>	<u>M898.900</u>	<u>M894.700</u>
%RSD		<u>M0.996</u>	<u>M0.962</u>	<u>M0.928</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.731%	<u>M830.200</u>	-4.199
%RSD		0.749	<u>M1.160</u>	28.270
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		<u>M814.200</u>	<u>M851.700</u>	88.920
%RSD		<u>M0.995</u>	<u>M1.100</u>	0.216
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	91.930	726.500
%RSD		0.000	0.625	11.620
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		<u>M874.500</u>	68.692%	102.200
%RSD		<u>M0.940</u>	0.759	0.481
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		87.050	<u>M874.800</u>	0.000
%RSD		1.677	<u>M0.903</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.023%	92.200	<u>TM261.400</u>
%RSD		0.357	1.342	<u>TM0.215</u>
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM1135.000</u>	0.000	
%RSD		<u>TM0.272</u>	0.000	

240-17875 -b-1-a, 11/30/2012 23:52:03 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.814%	12.510	92.600
%RSD		0.889	0.553	0.907
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2711.000	M 145200.000	TM 106800.000
%RSD		0.749	M 0.416	TM 0.898
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 6593.000	TM 586600.000
%RSD		0.000	T 0.124	TM 0.295
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		53.916%	61.065%	M 4859.000
%RSD		0.490	0.938	M 0.562
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 476.700	M 305.900	2.929
%RSD		M 0.564	M 0.392	165.300
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 6017.000	TM 363800.000	43.520
%RSD		TM 0.361	TM 0.313	0.622
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 208.500	M 1380.000	M 2898.000
%RSD		M 0.952	M 0.505	M 0.795
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.163%	35.120	0.833
%RSD		0.568	1.966	13.310
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.821	M 951.800	92.080
%RSD		7.451	M 0.177	0.666
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.008	-39.610
%RSD		0.000	1.864	99.950
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		38.570	67.768%	48.790
%RSD		0.076	1.007	0.932
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		54.670	M 908.300	0.000
%RSD		0.542	M 0.589	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		79.181%	4.315	0.762
%RSD		1.391	2.641	6.079
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		M 216.800	0.000	
%RSD		M 0.781	0.000	

SD 240-17875 -b-1-a@5, 11/30/2012 23:57:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		49.873%	2.990	21.900
%RSD		0.685	2.758	2.305
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		593.400	32690.000	<u>M 20990.000</u>
%RSD		0.612	1.483	<u>M 0.233</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	1274.000	<u>M 112000.000</u>
%RSD		0.000	0.645	<u>M 0.401</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		52.200%	60.255%	<u>M 1035.000</u>
%RSD		0.347	1.240	<u>M 1.742</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		100.700	65.130	-27.000
%RSD		0.551	1.266	1.188
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 1320.000</u>	<u>TM 77720.000</u>	9.643
%RSD		<u>TM 0.394</u>	<u>TM 0.880</u>	1.300
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		47.580	<u>M 321.800</u>	<u>M 695.500</u>
%RSD		1.001	<u>M 0.437</u>	<u>M 0.317</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		59.310%	8.037	0.151
%RSD		1.019	0.371	52.710
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		1.684	188.500	18.750
%RSD		4.845	0.387	0.301
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.256	-12.660
%RSD		0.000	10.470	28.420
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		8.860	68.988%	10.270
%RSD		3.685	0.985	1.619
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		12.600	188.200	0.000
%RSD		1.430	0.519	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.532%	1.065	0.296
%RSD		1.136	2.149	10.890
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		49.890	0.000	
%RSD		0.847	0.000	

240-17875 -b-1-b ms, 12/1/2012 00:03:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.815%	M 799.200	162.800
%RSD		0.654	M 2.271	2.053
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		10020.000	M 176200.000	TM 115700.000
%RSD		0.067	M 0.811	TM 0.400
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 14560.000	TM 712200.000
%RSD		T 0.000	T 1.998	TM 2.254
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		51.924%	60.172%	M 3666.000
%RSD		0.570	0.828	M 0.077
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1105.000	M 1126.000	121.400
%RSD		M 0.253	M 0.351	7.675
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7113.000	TM 253700.000	M 838.400
%RSD		TM 2.260	TM 0.840	M 0.883
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 900.500	M 1275.000	M 3458.000
%RSD		M 1.553	M 0.964	M 0.756
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		54.826%	M 852.200	-3.451
%RSD		0.653	M 0.456	22.770
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 780.100	M 1936.000	113.300
%RSD		M 0.859	M 1.275	1.832
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	78.900	499.800
%RSD		0.000	0.219	36.220
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 825.700	66.884%	120.700
%RSD		M 0.273	0.867	0.427
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.000	M 1766.000	0.000
%RSD		1.456	M 0.037	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		78.459%	53.680	TM 232.000
%RSD		1.240	1.611	TM 0.226
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1187.000	0.000	
%RSD		TM 0.408	0.000	

240-17875 -b-1-c msd, 12/1/2012 00:10:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.550%	M 832.500	160.900
%RSD		1.266	M 2.571	2.017
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		9464.000	M 152600.000	M 85970.000
%RSD		1.756	M 1.770	M 1.530
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 13240.000	TM 616900.000
%RSD		0.000	T 2.301	TM 3.038
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		52.268%	57.681%	M 2884.000
%RSD		2.065	0.709	M 2.311
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1050.000	M 1062.000	103.100
%RSD		M 1.116	M 1.159	9.269
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 6108.000	TM 216400.000	M 846.300
%RSD		TM 3.099	TM 1.528	M 2.058
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 912.400	M 1310.000	M 3728.000
%RSD		M 2.292	M 1.972	M 1.636
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.941%	M 843.800	-4.773
%RSD		1.825	M 1.264	19.940
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 772.700	M 1822.000	128.500
%RSD		M 0.261	M 2.122	2.006
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	79.440	178.700
%RSD		0.000	1.515	61.810
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 839.800	65.672%	114.400
%RSD		M 0.955	0.463	1.573
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		71.590	M 1612.000	0.000
%RSD		0.430	M 0.671	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.990%	60.030	TM 239.100
%RSD		0.898	1.449	TM 0.408
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1492.000	0.000	
%RSD		TM 1.169	0.000	

240-17875 -b-2-a, 12/1/2012 00:17:44 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.417%	16.060	116.200
%RSD		0.551	1.143	0.452
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		3447.000	<u>M 179900.000</u>	<u>TM 126300.000</u>
%RSD		0.565	<u>M 1.064</u>	<u>TM 1.159</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		<u>T 0.000</u>	<u>T 6729.000</u>	<u>TM 1032000.000</u>
%RSD		<u>T 0.000</u>	<u>T 0.416</u>	<u>TM 0.054</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		53.231%	57.928%	<u>M 3610.000</u>
%RSD		0.717	0.345	<u>M 1.788</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 302.200</u>	<u>M 202.900</u>	-12.170
%RSD		<u>M 0.792</u>	<u>M 1.377</u>	13.190
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 8377.000</u>	<u>TM 273900.000</u>	39.760
%RSD		<u>TM 0.174</u>	<u>TM 1.886</u>	1.365
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		130.000	<u>M 418.500</u>	<u>M 3558.000</u>
%RSD		1.519	<u>M 1.133</u>	<u>M 1.201</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.360%	23.180	0.949
%RSD		1.044	1.428	12.620
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		8.473	<u>TM 2323.000</u>	28.720
%RSD		6.381	<u>TM 6.357</u>	1.462
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	5.919	-131.200
%RSD		0.000	2.771	18.760
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		24.150	64.764%	28.560
%RSD		0.811	0.763	0.685
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		87.340	<u>M 1172.000</u>	0.000
%RSD		2.798	<u>M 0.986</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.135%	3.048	0.759
%RSD		1.579	4.333	3.790
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M 215.800</u>	0.000	
%RSD		<u>M 0.560</u>	0.000	

240-17875 -b-3-a, 12/1/2012 00:23:15 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.553%	12.290	104.100
%RSD		0.310	1.191	0.525
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4170.000	M 144200.000	TM 131300.000
%RSD		0.329	M 0.735	TM 0.635
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		T 0.000	T 10730.000	TM 724600.000
%RSD		T 0.000	T 1.461	TM 1.477
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		51.649%	57.559%	M 4120.000
%RSD		0.828	1.380	M 1.040
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 295.700	M 331.700	7.484
%RSD		M 0.707	M 0.250	60.790
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7343.000	TM 186600.000	38.150
%RSD		TM 0.963	TM 0.712	1.026
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		117.000	M 591.700	M 2364.000
%RSD		1.412	M 0.632	M 0.687
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		52.128%	23.090	0.750
%RSD		0.439	1.024	19.690
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		15.810	M 1270.000	26.120
%RSD		3.865	M 0.950	0.583
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.306	-112.700
%RSD		0.000	2.988	12.470
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		25.850	65.686%	35.610
%RSD		2.885	0.876	2.286
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		28.700	M 1083.000	0.000
%RSD		0.840	M 1.006	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		76.091%	3.461	0.581
%RSD		0.696	0.779	2.409
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 408.300	0.000	
%RSD		TM 0.843	0.000	

240-17875 -b-4-a, 12/1/2012 00:28:46 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		46.132%	10.250	81.970
%RSD		1.179	2.443	0.957
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2016.000	M 129100.000	M 77770.000
%RSD		0.268	M 0.482	M 0.746
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 3388.000	M 424400.000
%RSD		0.000	T 0.576	M 0.838
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		53.342%	57.924%	M 1588.000
%RSD		0.470	1.302	M 0.959
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 596.500	M 642.100	56.100
%RSD		M 0.474	M 0.601	5.972
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 6858.000	TM 589400.000	57.790
%RSD		TM 0.871	TM 0.541	0.751
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 298.300	M 694.000	M 6683.000
%RSD		M 0.675	M 0.383	M 0.482
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.540%	116.900	0.758
%RSD		0.739	0.340	4.390
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		5.226	M 957.000	37.080
%RSD		14.800	M 0.723	1.033
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	43.920	-68.720
%RSD		0.000	0.752	28.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		64.440	67.516%	195.600
%RSD		2.016	1.088	0.827
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		M 321.400	M 819.200	0.000
%RSD		M 0.075	M 0.217	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		77.066%	10.480	0.507
%RSD		1.676	0.852	2.889
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1593.000	T 0.000	
%RSD		TM 0.552	T 0.000	

240-17875 -b-5-a, 12/1/2012 00:34:17 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.550%	1.298	16.160
%RSD		0.611	3.813	2.010
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		831.100	55220.000	<u>M</u> 24680.000
%RSD		1.583	0.342	<u>M</u> 1.007
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 2456.000	<u>M</u> 242600.000
%RSD		0.000	<u>T</u> 0.355	<u>M</u> 0.471
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		49.475%	54.902%	<u>M</u> 761.600
%RSD		0.420	1.100	<u>M</u> 3.425
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 285.200	<u>M</u> 511.600	29.710
%RSD		<u>M</u> 0.474	<u>M</u> 0.092	23.220
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 2751.000	<u>TM</u> 548800.000	56.820
%RSD		<u>TM</u> 0.239	<u>TM</u> 0.220	1.637
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 210.800	<u>M</u> 451.700	<u>M</u> 11190.000
%RSD		<u>M</u> 0.530	<u>M</u> 0.880	<u>M</u> 0.171
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		55.092%	55.950	0.525
%RSD		0.720	0.641	15.130
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.829	<u>M</u> 642.600	43.230
%RSD		10.230	<u>M</u> 0.548	1.283
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	1.025	-21.170
%RSD		0.000	3.885	222.900
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		47.340	66.894%	56.650
%RSD		2.232	1.530	0.289
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		<u>M</u> 426.000	<u>M</u> 441.300	0.000
%RSD		<u>M</u> 0.043	<u>M</u> 0.452	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		75.185%	13.360	0.373
%RSD		1.242	0.565	3.404
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 1451.000	0.000	
%RSD		<u>TM</u> 0.541	0.000	

CCV 12/1/2012 00:39:49 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		44.307%	100.073%	93.713%
%RSD		1.225	1.732	0.760
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		97.713%	102.516%	109.102%
%RSD		0.803	0.333	4.827
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	103.623%	99.484%
%RSD		0.000	0.335	1.250
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		45.272%	53.021%	104.811%
%RSD		1.073	1.604	7.879
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		95.588%	98.060%	-20.680
%RSD		1.119	1.048	8.084
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		92.083%	107.163%	96.655%
%RSD		1.078	0.712	0.502
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		95.982%	98.879%	108.743%
%RSD		2.845	1.912	4.827
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.404%	95.525%	-0.914
%RSD		2.169	1.219	36.400
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		97.819%	98.155%	104.755%
%RSD		2.273	1.397	1.176
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	97.516%	8.550
%RSD		0.000	0.629	1240.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		98.895%	61.650%	99.684%
%RSD		0.419	1.453	0.776
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		104.656%	97.353%	0.000
%RSD		0.332	1.475	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		69.555%	107.102%	100.716%
%RSD		1.180	0.510	0.930
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		111.318%	0.000	
%RSD		0.778	0.000	

CCB 12/1/2012 00:45:55 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		47.194%	0.141	0.643
%RSD		0.578	10.210	18.200
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		40.450	63.050	28.350
%RSD		1.319	12.430	11.870
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	47.430	114.500
%RSD		0.000	4.155	7.474
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		49.531%	54.430%	0.906
%RSD		0.920	1.204	13.340
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.386	0.009	-33.380
%RSD		30.490	134.400	1.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		1.962	92.990	0.137
%RSD		3.407	6.969	2.876
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.083	0.332	1.083
%RSD		73.100	19.490	12.200
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		56.364%	-0.139	0.030
%RSD		0.615	13.710	204.100
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.226	0.262	0.159
%RSD		49.610	14.500	94.470
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.109	1.116
%RSD		0.000	9.286	182.600
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.135	64.541%	0.268
%RSD		15.440	0.263	2.851
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.433	0.319	0.000
%RSD		3.333	10.870	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		70.465%	1.103	0.436
%RSD		1.214	12.160	5.534
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.001	0.000	
%RSD		3.431	0.000	

240-17875 -b-6-a, 12/1/2012 00:51:27 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		44.101%	1.996	55.890
%RSD		0.319	3.362	1.407
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2980.000	<u>M</u> 223400.000	<u>M</u> 83920.000
%RSD		1.429	<u>M</u> 0.798	<u>M</u> 1.206
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T</u> 6896.000	<u>TM</u> 888900.000
%RSD		0.000	<u>T</u> 0.714	<u>TM</u> 1.118
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		46.745%	55.494%	<u>M</u> 1694.000
%RSD		1.312	2.289	<u>M</u> 1.519
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M</u> 518.500	<u>M</u> 1273.000	138.600
%RSD		<u>M</u> 1.183	<u>M</u> 0.421	12.130
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM</u> 17490.000	<u>TM</u> 376900.000	106.000
%RSD		<u>TM</u> 1.250	<u>TM</u> 0.784	0.823
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		<u>M</u> 445.100	<u>M</u> 3983.000	<u>M</u> 5131.000
%RSD		<u>M</u> 0.959	<u>M</u> 1.071	<u>M</u> 0.473
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		53.254%	43.470	0.741
%RSD		2.130	0.656	15.780
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.419	<u>M</u> 1427.000	63.200
%RSD		11.000	<u>M</u> 1.170	1.378
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	3.498	32.430
%RSD		0.000	3.594	115.200
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		61.310	65.844%	138.700
%RSD		0.843	1.429	1.596
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		79.980	<u>M</u> 797.100	0.000
%RSD		1.108	<u>M</u> 0.539	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.087%	30.640	0.395
%RSD		1.878	0.598	4.329
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>TM</u> 3203.000	<u>T</u> 0.000	
%RSD		<u>TM</u> 0.822	<u>T</u> 0.000	

240-17875 -b-7-a, 12/1/2012 00:56:58 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		42.319%	8.662	64.540
%RSD		1.126	0.796	3.456
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		8277.000	M 152600.000	M 77800.000
%RSD		0.386	M 0.595	M 0.335
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 10250.000	TM 572200.000
%RSD		0.000	T 2.473	TM 10.620
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		49.058%	52.301%	M 3172.000
%RSD		1.204	0.975	M 0.317
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 274.700	M 555.600	45.090
%RSD		M 0.958	M 1.286	4.771
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 5874.000	TM 193900.000	42.390
%RSD		TM 2.710	TM 0.752	1.577
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 226.500	M 737.000	M 4347.000
%RSD		M 0.795	M 1.430	M 1.056
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.824%	29.870	0.777
%RSD		1.897	1.630	43.250
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		16.980	M 953.900	35.420
%RSD		5.323	M 1.509	2.572
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	3.043	-14.060
%RSD		0.000	2.092	129.700
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		128.300	61.202%	40.630
%RSD		0.362	0.342	1.510
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		18.570	M 820.400	0.000
%RSD		1.195	M 0.892	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		72.230%	4.871	0.429
%RSD		1.731	1.680	1.703
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 872.100	0.000	
%RSD		TM 1.147	0.000	

240-17875 -b-8-a, 12/1/2012 01:02:30 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		43.741%	11.290	86.080
%RSD		0.347	3.411	1.376
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		4228.000	<u>M 221200.000</u>	<u>M 93940.000</u>
%RSD		1.401	<u>M 0.762</u>	<u>M 0.675</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 6385.000</u>	<u>TM 1020000.000</u>
%RSD		0.000	<u>T 1.122</u>	<u>TM 1.291</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		52.324%	55.158%	<u>M 2843.000</u>
%RSD		1.215	1.290	<u>M 0.227</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 329.100</u>	<u>M 546.500</u>	36.090
%RSD		<u>M 1.310</u>	<u>M 1.083</u>	2.058
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 11580.000</u>	<u>TM 251900.000</u>	34.540
%RSD		<u>TM 1.168</u>	<u>TM 1.439</u>	1.648
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		139.800	<u>M 359.300</u>	<u>M 1698.000</u>
%RSD		0.587	<u>M 1.858</u>	<u>M 1.828</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		49.171%	19.480	1.027
%RSD		2.211	3.398	12.550
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		12.970	<u>M 1240.000</u>	32.670
%RSD		2.913	<u>M 2.132</u>	2.065
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.834	-46.550
%RSD		0.000	2.531	53.020
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		24.980	61.980%	41.930
%RSD		0.943	1.347	2.113
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		6.902	<u>M 768.200</u>	0.000
%RSD		0.448	<u>M 0.982</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		73.788%	4.282	0.273
%RSD		1.186	0.410	0.614
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M 230.500</u>	0.000	
%RSD		<u>M 0.713</u>	0.000	

240-17875 -b-9-a, 12/1/2012 01:08:02 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		41.184%	8.819	59.420
%RSD		0.713	2.175	1.042
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2890.000	<u>M 246600.000</u>	<u>M 76580.000</u>
%RSD		0.338	<u>M 0.469</u>	<u>M 0.063</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 8936.000</u>	<u>TM 1168000.000</u>
%RSD		0.000	<u>T 0.418</u>	<u>TM 0.359</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		48.914%	48.265%	<u>M 3561.000</u>
%RSD		0.305	0.780	<u>M 1.082</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 212.000</u>	<u>M 374.000</u>	16.540
%RSD		<u>M 0.598</u>	<u>M 0.320</u>	11.780
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 7052.000</u>	<u>TM 197300.000</u>	28.880
%RSD		<u>TM 0.154</u>	<u>TM 0.716</u>	0.401
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		132.200	<u>M 293.300</u>	<u>M 1787.000</u>
%RSD		0.459	<u>M 0.511</u>	<u>M 0.882</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		43.936%	17.460	0.969
%RSD		0.511	4.538	14.870
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		6.741	<u>M 1742.000</u>	23.810
%RSD		8.774	<u>M 0.697</u>	0.946
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.778	-55.850
%RSD		0.000	2.676	91.540
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		40.480	56.997%	28.750
%RSD		1.016	0.888	1.530
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.707	<u>M 662.800</u>	0.000
%RSD		2.056	<u>M 0.482</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		68.204%	2.914	0.297
%RSD		0.865	0.714	0.918
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		186.900	0.000	
%RSD		0.322	0.000	

240-17875 -b-10 -a, 12/1/2012 01:13:34 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		39.378%	8.524	67.100
%RSD		0.228	0.598	1.338
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2905.000	M 210100.000	M 56960.000
%RSD		1.219	M 1.086	M 1.494
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 5008.000	TM 867100.000
%RSD		0.000	T 1.022	TM 1.194
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		44.762%	45.548%	M 2385.000
%RSD		1.093	1.299	M 2.068
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		155.400	M 348.800	3.053
%RSD		1.832	M 0.908	298.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 4693.000	TM 178000.000	17.860
%RSD		TM 1.012	TM 1.092	1.280
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		89.940	M 311.100	M 3639.000
%RSD		0.823	M 1.190	M 1.308
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.753%	18.250	0.780
%RSD		1.045	2.347	24.180
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		9.119	M 1270.000	28.480
%RSD		2.737	M 0.978	1.772
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.967	-68.070
%RSD		0.000	1.972	14.190
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		11.590	54.687%	41.310
%RSD		2.539	0.484	0.995
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		4.142	M 668.500	0.000
%RSD		0.732	M 0.450	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		64.687%	1.776	0.271
%RSD		1.188	3.561	0.958
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		M 240.100	0.000	
%RSD		M 0.903	0.000	

240-17875 -b-11 -a, 12/1/2012 01:19:05 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		40.092%	3.278	26.450
%RSD		0.616	4.017	2.986
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		1430.000	M 305400.000	M 33120.000
%RSD		1.518	M 2.157	M 1.760
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 4847.000	TM 913700.000
%RSD		0.000	T 0.398	TM 0.148
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		44.216%	45.310%	M 1829.000
%RSD		0.615	1.866	M 1.071
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		148.800	M 388.100	14.150
%RSD		2.546	M 1.361	44.910
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 5901.000	TM 204800.000	22.540
%RSD		TM 0.404	TM 1.214	1.770
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		125.400	M 303.900	M 3619.000
%RSD		1.352	M 0.886	M 1.320
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.627%	17.030	0.702
%RSD		1.787	0.499	43.820
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		27.680	M 876.500	41.470
%RSD		2.477	M 1.047	1.024
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.432	-22.750
%RSD		0.000	1.186	139.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		16.790	54.280%	M 608.900
%RSD		0.977	1.059	M 1.213
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		10.030	M 390.400	0.000
%RSD		8.529	M 1.566	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		64.024%	5.677	0.222
%RSD		1.422	2.375	6.216
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		179.500	0.000	
%RSD		1.133	0.000	

240-17875 -b-12 -a, 12/1/2012 01:24:37 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		37.281%	5.233	68.580
%RSD		0.606	7.119	1.269
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2387.000	<u>M 121600.000</u>	<u>M 38210.000</u>
%RSD		1.897	<u>M 1.652</u>	<u>M 1.724</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 3426.000</u>	<u>M 504300.000</u>
%RSD		0.000	<u>T 0.370</u>	<u>M 0.369</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		43.016%	42.275%	<u>M 1522.000</u>
%RSD		1.356	0.906	<u>M 2.796</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		144.400	<u>M 527.400</u>	31.770
%RSD		0.930	<u>M 1.207</u>	23.860
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 2736.000</u>	<u>TM 95680.000</u>	21.020
%RSD		<u>TM 0.917</u>	<u>TM 1.391</u>	1.749
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		66.290	<u>M 236.500</u>	<u>M 5578.000</u>
%RSD		2.470	<u>M 0.602</u>	<u>M 1.184</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		40.986%	15.090	0.257
%RSD		0.961	0.933	104.200
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		56.460	<u>M 980.600</u>	53.610
%RSD		1.859	<u>M 1.293</u>	1.670
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	2.066	-32.970
%RSD		0.000	1.900	40.270
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		24.610	52.545%	28.630
%RSD		1.866	0.589	1.442
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		107.200	<u>M 573.100</u>	0.000
%RSD		0.830	<u>M 0.390</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		62.192%	1.706	0.219
%RSD		1.179	3.778	7.354
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		<u>M 314.400</u>	0.000	
%RSD		<u>M 1.017</u>	0.000	

240-17875 -b-13 -a, 12/1/2012 01:30:10 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		35.296%	2.919	43.720
%RSD		0.922	4.102	1.752
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2765.000	<u>M 257600.000</u>	<u>M 64960.000</u>
%RSD		1.214	<u>M 0.949</u>	<u>M 0.986</u>
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	<u>T 19260.000</u>	<u>TM 1583000.000</u>
%RSD		0.000	<u>T 0.545</u>	<u>TM 0.290</u>
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		41.900%	40.341%	<u>M 2868.000</u>
%RSD		0.860	1.052	<u>M 1.771</u>
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		<u>M 253.800</u>	<u>M 416.100</u>	11.460
%RSD		<u>M 0.501</u>	<u>M 0.978</u>	73.960
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		<u>TM 10150.000</u>	<u>TM 147400.000</u>	30.280
%RSD		<u>TM 0.250</u>	<u>TM 1.156</u>	1.718
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		87.610	192.000	<u>M 5213.000</u>
%RSD		0.758	0.720	<u>M 1.248</u>
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		37.955%	22.400	0.948
%RSD		2.048	2.188	9.526
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		3.385	<u>M 2425.000</u>	18.830
%RSD		7.235	<u>M 1.507</u>	2.893
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.400	-36.850
%RSD		0.000	1.956	69.480
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		10.770	50.165%	19.590
%RSD		2.251	1.595	2.290
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		6.281	<u>M 407.900</u>	0.000
%RSD		1.877	<u>M 0.829</u>	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		59.108%	4.953	0.410
%RSD		1.676	0.661	2.497
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		103.600	0.000	
%RSD		0.707	0.000	

240-17875 -b-14 -a, 12/1/2012 01:35:42 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		31.657%	14.690	M 204.800
%RSD		1.372	2.944	M 2.298
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		2189.000	M 125500.000	M 123300.000
%RSD		0.802	M 0.851	M 0.368
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 5298.000	M 322500.000
%RSD		0.000	T 3.130	M 3.338
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		38.250%	38.230%	M 4450.000
%RSD		1.271	0.622	M 1.275
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 812.500	TM 10620.000	-214.000
%RSD		M 1.964	TM 0.434	40.870
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 7184.000	TM 723500.000	79.810
%RSD		TM 3.290	TM 1.285	2.025
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 361.200	M 2726.000	TM 35560.000
%RSD		M 0.362	M 0.787	TM 0.673
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		37.641%	172.200	0.101
%RSD		0.760	1.191	162.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		86.960	M 1068.000	185.900
%RSD		2.746	M 1.456	1.221
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	74.540	-50.840
%RSD		0.000	0.869	92.640
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		131.400	48.505%	117.200
%RSD		1.402	0.531	1.220
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		47.220	M 1334.000	0.000
%RSD		1.986	M 0.769	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		61.060%	14.970	0.530
%RSD		0.833	1.461	1.714
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 3045.000	0.000	
%RSD		TM 1.298	0.000	

CCV 12/1/2012 01:41:13 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		35.787%	104.333%	97.586%
%RSD		0.537	1.524	1.287
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		95.323%	98.509%	108.844%
%RSD		0.869	1.358	1.166
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	97.627%	98.180%
%RSD		0.000	0.347	0.676
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		38.800%	41.458%	102.723%
%RSD		0.839	1.764	1.590
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		94.165%	97.544%	-22.730
%RSD		2.034	1.041	15.580
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		90.856%	104.696%	94.552%
%RSD		0.379	0.412	0.529
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		93.167%	94.531%	110.317%
%RSD		1.614	1.247	0.893
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.587%	94.988%	-0.845
%RSD		1.956	0.607	22.970
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		100.190%	98.334%	102.595%
%RSD		2.544	0.835	2.592
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	95.268%	60.010
%RSD		0.000	0.937	61.790
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		97.445%	52.177%	97.963%
%RSD		0.902	0.477	0.529
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		99.906%	95.965%	0.000
%RSD		0.388	1.938	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		59.748%	105.929%	102.481%
%RSD		2.116	1.016	0.969
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		112.538%	0.000	
%RSD		0.885	0.000	

CCB 12/1/2012 01:47:22 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		38.935%	0.184	1.185
%RSD		0.612	5.157	18.930
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		43.110	68.640	32.680
%RSD		1.690	17.750	8.758
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	46.770	140.700
%RSD		0.000	1.861	9.013
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		42.984%	41.929%	0.930
%RSD		0.209	1.247	43.360
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.110	0.196	-35.160
%RSD		397.300	32.080	4.029
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.336	114.100	0.170
%RSD		0.570	2.023	14.500
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.189	0.464	1.921
%RSD		50.680	15.310	12.610
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		44.364%	-0.145	-0.044
%RSD		0.959	60.700	101.900
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.301	0.360	-0.067
%RSD		23.400	5.379	98.240
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.114	-1.660
%RSD		0.000	6.062	187.100
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.179	53.297%	0.290
%RSD		4.516	0.449	27.960
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.551	0.311	0.000
%RSD		4.281	38.480	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		59.586%	0.957	0.422
%RSD		0.808	14.570	12.140
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.068	0.000	
%RSD		0.981	0.000	

AG 200 PPB 12/1/2012 01:52:55 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		37.683%	M 205.100	0.554
%RSD		1.051	M 0.801	14.730
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		T 91720.000	94090.000	903.000
%RSD		T 1.617	1.511	2.179
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	T 92210.000	93940.000
%RSD		0.000	T 0.531	0.677
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		43.460%	42.930%	0.646
%RSD		0.976	2.061	54.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		186.200	187.900	-12.240
%RSD		0.670	1.293	10.260
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		T 980.100	TM 49950.000	184.000
%RSD		T 0.531	TM 0.934	1.170
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		179.200	178.700	195.700
%RSD		3.213	1.198	0.846
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.935%	186.300	-1.311
%RSD		1.670	0.649	42.810
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		195.300	192.200	-0.546
%RSD		0.614	0.841	4.670
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	178.700	138.200
%RSD		0.000	1.024	30.640
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		187.000	52.693%	0.113
%RSD		0.434	2.026	21.350
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.394	187.000	0.000
%RSD		10.700	0.605	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		60.002%	0.248	194.300
%RSD		1.070	5.836	0.970
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		M 207.500	0.000	
%RSD		M 0.984	0.000	

AG 500 PPB 12/1/2012 01:59:56 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		37.077%	M 492.500	0.578
%RSD		0.761	M 0.653	7.491
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 226000.000	M 230200.000	M 2238.000
%RSD		TM 0.252	M 0.364	M 1.760
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	TM 225300.000	M 233600.000
%RSD		0.000	TM 0.186	M 0.235
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		45.755%	43.631%	0.254
%RSD		0.620	1.449	129.800
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 463.000	M 463.200	28.060
%RSD		M 0.296	M 0.243	27.460
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 2417.000	TM 123500.000	M 449.900
%RSD		TM 0.240	TM 0.596	M 1.221
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 433.200	M 424.300	M 448.300
%RSD		M 0.629	M 1.333	M 1.362
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		42.646%	M 453.800	-3.058
%RSD		2.655	M 0.904	14.390
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 462.900	M 497.900	-0.431
%RSD		M 1.140	M 0.334	6.947
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	M 423.300	263.200
%RSD		0.000	M 0.534	7.292
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 445.200	53.156%	0.090
%RSD		M 1.427	0.907	29.930
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.441	M 471.700	0.000
%RSD		9.817	M 0.997	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		60.316%	0.099	TM 536.600
%RSD		1.891	13.420	TM 0.806
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 524.200	0.000	
%RSD		TM 0.547	0.000	

AG 1000 PPB 12/1/2012 02:07:12 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		36.777%	M 933.500	0.599
%RSD		0.495	M 0.909	16.750
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 431900.000	M 442300.000	M 4332.000
%RSD		TM 1.098	M 0.671	M 1.068
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	TM 437300.000	M 459800.000
%RSD		0.000	TM 0.270	M 0.410
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		49.232%	45.749%	0.450
%RSD		1.094	2.664	74.390
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 923.300	M 912.200	91.030
%RSD		M 0.754	M 0.296	11.070
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 4691.000	TM 241900.000	M 859.800
%RSD		TM 0.351	TM 0.312	M 0.573
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 804.800	M 790.800	M 826.700
%RSD		M 0.794	M 1.113	M 0.772
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		43.838%	M 847.200	-6.405
%RSD		0.920	M 0.929	17.830
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 864.400	M 1013.000	-0.123
%RSD		M 0.925	M 0.990	77.190
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	M 782.800	713.500
%RSD		0.000	M 0.253	19.740
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 833.200	55.476%	0.083
%RSD		M 0.724	1.702	20.580
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.586	M 951.700	0.000
%RSD		3.389	M 0.593	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		62.048%	0.069	TM 1039.000
%RSD		1.935	12.040	TM 0.171
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 1074.000	0.000	
%RSD		TM 0.316	0.000	

AG 2000 PPB 12/1/2012 02:14:29 QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		33.936%	M 1760.000	0.953
%RSD		0.854	M 0.376	15.680
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		TM 836900.000	M 858400.000	M 8507.000
%RSD		TM 1.858	M 2.160	M 2.169
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	TM 844600.000	TM 1055000.000
%RSD		0.000	TM 0.417	TM 0.145
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		49.712%	43.349%	0.152
%RSD		0.739	0.819	220.500
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		M 1825.000	M 1768.000	213.000
%RSD		M 1.433	M 0.693	2.374
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		TM 9201.000	TM 470700.000	M 1617.000
%RSD		TM 0.213	TM 0.698	M 0.381
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		M 1483.000	M 1458.000	M 1504.000
%RSD		M 0.606	M 0.574	M 0.622
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		40.925%	M 1551.000	-10.160
%RSD		2.438	M 0.857	5.907
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		M 1559.000	M 2071.000	0.749
%RSD		M 1.291	M 0.753	5.994
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	TM 1256.000	871.400
%RSD		0.000	TM 2.677	7.683
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		M 1536.000	52.933%	0.110
%RSD		M 0.676	0.789	31.530
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		1.004	M 1893.000	0.000
%RSD		9.700	M 0.701	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		58.585%	0.058	TM 2020.000
%RSD		1.747	19.750	TM 0.777
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		TM 2063.000	0.000	
%RSD		TM 0.321	0.000	

CCV 12/1/2012 02:21:45 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		45.384%	112.273%	102.845%
%RSD		0.632	0.290	0.825
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		92.969%	98.382%	109.989%
%RSD		0.523	1.071	2.083
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	92.997%	97.048%
%RSD		0.000	0.761	0.378
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		58.787%	50.611%	96.335%
%RSD		0.471	0.583	3.179
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		94.324%	96.534%	-24.460
%RSD		0.926	0.398	11.080
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		87.893%	103.955%	93.928%
%RSD		0.336	0.447	0.325
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		93.415%	92.737%	105.543%
%RSD		0.452	0.227	1.027
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.852%	96.006%	-1.040
%RSD		0.934	0.853	30.800
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		101.546%	99.664%	99.192%
%RSD		0.462	0.375	0.628
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	95.420%	21.310
%RSD		0.000	0.489	123.500
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		97.954%	61.796%	98.117%
%RSD		1.037	0.264	0.444
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		100.872%	98.952%	0.000
%RSD		0.350	0.509	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		67.869%	102.578%	100.961%
%RSD		1.085	0.114	0.910
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		109.850%	0.000	
%RSD		0.056	0.000	

CCB 12/1/2012 02:29:00 QC Status: FAIL (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
X		43.202%	0.209	0.508
%RSD		0.479	13.930	29.280
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
X		99.930	128.400	32.560
%RSD		10.180	33.350	8.246
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
X		0.000	72.020	174.200
%RSD		0.000	0.846	2.890
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
X		55.374%	48.302%	0.505
%RSD		0.437	0.889	58.410
Run	Time	51V	52Cr	53Cr O
		ppb	ppb	ppb
X		-0.326	0.442	-34.900
%RSD		72.800	13.000	2.742
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
X		2.574	140.700	0.238
%RSD		1.238	6.012	13.540
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
X		0.248	0.632	2.635
%RSD		37.060	7.312	13.360
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
X		51.303%	0.144	-0.100
%RSD		0.831	37.480	68.930
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
X		0.340	0.477	-0.409
%RSD		28.500	0.986	33.640
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
X		0.000	0.548	3.088
%RSD		0.000	4.297	76.330
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
X		0.235	60.869%	0.259
%RSD		1.523	0.283	2.265
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
X		0.352	0.465	0.000
%RSD		6.100	9.900	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
X		65.702%	0.748	1.008
%RSD		0.477	12.720	1.136
Run	Time	208Pb	209Bi	
		ppb	ppb	
X		1.218	0.000	
%RSD		3.137	0.000	

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information: _____

Circle Methods used: 7470A / 245.1 : CORP-MT-0005 Rev 1 7471: CORP-MT-0007 Rev 1

Run Date: 11/16/12 Analyst: DSIT Instrument: 171

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	✓
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I Analyst: [Signature] Date/Time: 11/17/12
 Level I Analyst: _____ Date/Time: _____

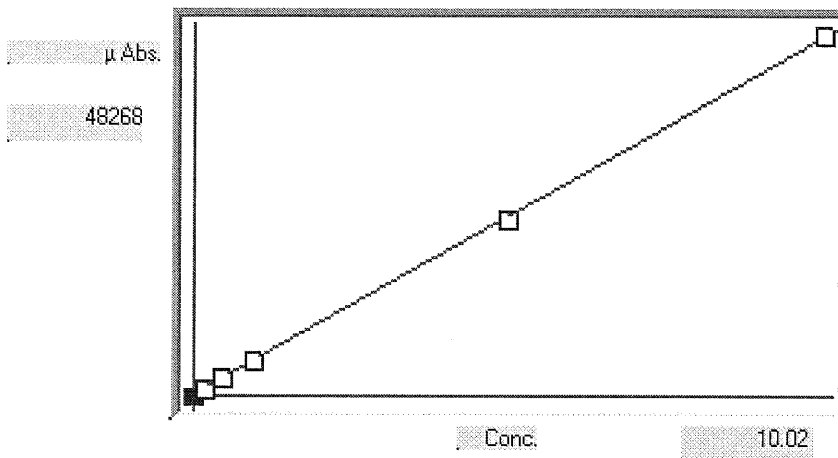
Comments: Batch #65450 (CCG Add) change MRL

2nd Level Reviewer: [Signature] Date/Time: 11/19/12
 2nd Level Reviewer: _____ Date/Time: _____

Curve Date 11/15/12 Curve Time 8:57-9:27 DILUTION H20 00012
 Revised 06/1/2011

Protocol: 1116AHG1

wt. in.



Calibrated

A

Accepted

B 2.08030e-4

C -1.85437e-2

Rhc .999977

Accepted Date: 16-Nov-12 09:11

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0126	.0126	141	0	140				
02	.20000	.1990	-.0010	1036	0%	1036				
03	.50000	.5042	.0042	2504	0%	2503				
04	1.0000	1.013	.0126	4948	0%	4947				
05	5.0000	4.947	-.0529	23860	0%	23860				
06	10.000	10.02	.0247	48268	0%	48268				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1	Rep: 1			Seq: 1		09:03:43	16 Nov 12	HG
Hg	.0000	ppb	140					
*** Standard: 2	Rep: 1			Seq: 2		09:05:11	16 Nov 12	HG
Hg	.2000	ppb	1036					
*** Standard: 3	Rep: 1			Seq: 3		09:06:27	16 Nov 12	HG
Hg	.5000	ppb	2503					
*** Standard: 4	Rep: 1			Seq: 4		09:07:55	16 Nov 12	HG
Hg	1.000	ppb	4947					
*** Standard: 5	Rep: 1			Seq: 5		09:09:22	16 Nov 12	HG
Hg	5.000	ppb	23860					
*** Standard: 6	Rep: 1			Seq: 6		09:10:49	16 Nov 12	HG
Hg	10.00	ppb	48268					
*** Check Standard: 2	Ck2ICV			Seq: 7		09:12:47	16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		95.13	2.378	2.500	ppb	.0000		
*** Check Standard: 3	Ck3ICB			Seq: 8		09:14:14	16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		^^^^^^	.0159	.0000	ppb	.0000		
*** Check Standard: 4	Ck4CRA\MRL			Seq: 9		09:16:00	16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		104.5	.2090	.2000	ppb	.0000		
*** Check Standard: 6	Ck6CCV			Seq: 10		09:25:19	16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.3	5.014	5.000	ppb	.0000		
*** Check Standard: 1	Ck1CCB			Seq: 11		09:26:42	16 Nov 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0105	.2000	ppb	.0000			
*** Sample ID:				Seq: 12		09:28:03	16 Nov 12	HG
Hg	6.365	ppb	.0000	6.365				
*** Sample ID:				Seq: 13		09:29:49	16 Nov 12	HG
Hg	3.293	ppb	.0000	3.293				
*** Sample ID:				Seq: 14		09:31:04	16 Nov 12	HG
Hg	5.481	ppb	.0000	5.481				
*** Sample ID:				Seq: 15		09:33:04	16 Nov 12	HG
Hg	4.828	ppb	.0000	4.828				
*** Sample ID:				Seq: 16		09:34:23	16 Nov 12	HG
Hg	5.441	ppb	.0000	5.441				

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: Seq: 17 09:36:11 16 Nov 12 HG									
				240-17418-f-7-b@2					
Hg	6.312	ppb	.0000	6.312					
*** Check Standard: 6 Ck6CCV Seq: 18 09:37:38 16 Nov 12 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		100.4	5.019	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB Seq: 19 09:38:56 16 Nov 12 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.0134	.2000	ppb	.0000				
*** Check Standard: 6 Ck6CCV Seq: 20 18:08:45 16 Nov 12 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		98.79	4.939	5.000	ppb	.0000			
*** Check Standard: 1 Ck1CCB Seq: 21 18:10:27 16 Nov 12 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.0430	.2000	ppb	.0000				
*** Sample ID: Seq: 22 18:11:54 16 Nov 12 HG									
				MB 240-65191/1-A					
Hg	.1472	ppb	.0000	.1472					
*** Sample ID: Seq: 23 18:13:54 16 Nov 12 HG									
				LCS 240-65191/2-A					
Hg	4.131	ppb	.0000	4.131					
*** Sample ID: Seq: 24 18:15:09 16 Nov 12 HG									
				240-17230-A-6-R					
Hg	.3317	ppb	.0000	.3317					
*** Sample ID: Seq: 25 18:16:34 16 Nov 12 HG									
				240-17230-A-6-AB DU					
Hg	.2685	ppb	.0000	.2685					
*** Sample ID: Seq: 26 18:18:32 16 Nov 12 HG									
				240-17230-A-6-S MS					
Hg	1.178	ppb	.0000	1.178					
*** Sample ID: Seq: 27 18:19:51 16 Nov 12 HG									
				240-17230-A-3-D					
Hg	.2562	ppb	.0000	.2562					
*** Sample ID: Seq: 28 18:21:08 16 Nov 12 HG									
				240-17230-A-7-G					
Hg	.3673	ppb	.0000	.3673					
*** Sample ID: Seq: 29 18:22:24 16 Nov 12 HG									
				240-17317-A-1-D					
Hg	.5422	ppb	.0000	.5422					
*** Sample ID: Seq: 30 18:23:41 16 Nov 12 HG									
				240-17317-A-2-D					
Hg	.4769	ppb	.0000	.4769					
*** Sample ID: Seq: 31 18:25:12 16 Nov 12 HG									
				240-17317-A-3-D					
Hg	.4763	ppb	.0000	.4763					
*** Check Standard: 6 Ck6CCV Seq: 32 18:26:48 16 Nov 12 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.1	5.054	5.000	ppb	.0000			

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 1 Ck1CCB Seq: 33 18:28:47 16 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0353	.2000	ppb	.0000			
*** Sample ID: Seq: 34 18:30:04 16 Nov 12 HG								
				240-17317-A-4-D				
Hg	.2809	ppb	.0000	.2809				
*** Sample ID: Seq: 35 18:31:21 16 Nov 12 HG								
				240-17317-A-5-C				
Hg	.7039	ppb	.0000	.7039				
*** Sample ID: Seq: 36 18:32:46 16 Nov 12 HG								
				240-17317-A-6-C				
Hg	.7394	ppb	.0000	.7394				
*** Sample ID: Seq: 37 18:34:22 16 Nov 12 HG								
				240-17317-A-7-I				
Hg	.2832	ppb	.0000	.2832				
*** Sample ID: Seq: 38 18:35:40 16 Nov 12 HG								
				240-17317-A-7-M DU				
Hg	.2959	ppb	.0000	.2959				
*** Sample ID: Seq: 39 18:36:55 16 Nov 12 HG								
				240-17317-A-7-J MS				
Hg	1.138	ppb	.0000	1.138				
*** Sample ID: Seq: 40 18:38:15 16 Nov 12 HG								
				240-17317-A-8-C				
Hg	.2568	ppb	.0000	.2568				
*** Sample ID: Seq: 41 18:39:32 16 Nov 12 HG								
				240-17317-A-9-D				
Hg	.3721	ppb	.0000	.3721				
*** Sample ID: Seq: 42 18:41:18 16 Nov 12 HG								
				240-17317-A-10-C				
Hg	.3421	ppb	.0000	.3421				
*** Sample ID: Seq: 43 18:42:51 16 Nov 12 HG								
				240-17317-A-14-C				
Hg	.2920	ppb	.0000	.2920				
*** Check Standard: 6 Ck6CCV Seq: 44 18:44:30 16 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.0	5.052	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 45 18:45:48 16 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0151	.2000	ppb	.0000			
*** Sample ID: Seq: 46 18:47:15 16 Nov 12 HG								
				240-17317-A-15-C				
Hg	.3827	ppb	.0000	.3827				
*** Sample ID: Seq: 47 18:48:36 16 Nov 12 HG								
				240-17317-A-16-C				
Hg	.4253	ppb	.0000	.4253				
*** Sample ID: Seq: 48 18:50:18 16 Nov 12 HG								
				240-17317-A-17-C				
Hg	.5360	ppb	.0000	.5360				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Sample ID:				Seq: 49	18:52:18	16 Nov 12	HG
				240-17317-A-18-C				
Hg	.3773	ppb	.0000		.3773			
***	Sample ID:				Seq: 50	18:53:34	16 Nov 12	HG
				240-17317-A-19-H				
Hg	.3365	ppb	.0000		.3365			
***	Sample ID:				Seq: 51	18:54:50	16 Nov 12	HG
				240-17317-A-19-L DU				
Hg	.3450	ppb	.0000		.3450			
***	Sample ID:				Seq: 52	18:56:05	16 Nov 12	HG
				240-17317-A-19-I MS				
Hg	1.205	ppb	.0000		1.205			
***	Sample ID:				Seq: 53	18:57:36	16 Nov 12	HG
				240-17317-A-20-C				
Hg	.3298	ppb	.0000		.3298			
***	Sample ID:				Seq: 54	18:59:06	16 Nov 12	HG
				MB 240-65204/1-A				
Hg	.1657	ppb	.0000		.1657			
***	Sample ID:				Seq: 55	19:00:33	16 Nov 12	HG
				LCS 240-65204/2-A				
Hg	4.229	ppb	.0000		4.229			
***	Check Standard: 6	Ck6CCV			Seq: 56	19:01:50	16 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.7	5.033	5.000	ppb	.0000		
***	Check Standard: 1	Ck1CCB			Seq: 57	19:03:08	16 Nov 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0263	.2000	ppb	.0000			
***	Sample ID:				Seq: 58	19:04:24	16 Nov 12	HG
				240-17422-A-2-H				
Hg	.4632	ppb	.0000		.4632			
***	Sample ID:				Seq: 59	19:05:42	16 Nov 12	HG
				240-17422-A-2-M DU				
Hg	.4865	ppb	.0000		.4865			
***	Sample ID:				Seq: 60	19:07:23	16 Nov 12	HG
				240-17422-A-2-J MS				
Hg	1.374	ppb	.0000		1.374			
***	Sample ID:				Seq: 61	19:08:50	16 Nov 12	HG
				240-17317-A-21-C				
Hg	.6219	ppb	.0000		.6219			
***	Sample ID:				Seq: 62	19:10:15	16 Nov 12	HG
				240-17317-A-22-C				
Hg	.4114	ppb	.0000		.4114			
***	Sample ID:				Seq: 63	19:11:32	16 Nov 12	HG
				240-17317-A-23-C				
Hg	.2252	ppb	.0000		.2252			
***	Sample ID:				Seq: 64	19:12:59	16 Nov 12	HG
				240-17317-A-24-C				
Hg	.2764	ppb	.0000		.2764			

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 65 19:14:19 16 Nov 12 HG								
Hg	.7800	ppb	.0000	.7800	240-17422-A-1-D			
*** Sample ID: Seq: 66 19:15:35 16 Nov 12 HG								
Hg	.5535	ppb	.0000	.5535	240-17422-A-3-D			
*** Sample ID: Seq: 67 19:16:53 16 Nov 12 HG								
Hg	1.295	ppb	.0000	1.295	240-17422-A-4-C			
*** Check Standard: 6 Ck6CCV Seq: 68 19:18:50 16 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.2	5.062	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 69 19:20:07 16 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0357	.2000	ppb	.0000			
*** Sample ID: Seq: 70 19:21:23 16 Nov 12 HG								
Hg	.3223	ppb	.0000	.3223	240-17422-A-5-D			
*** Sample ID: Seq: 71 19:22:43 16 Nov 12 HG								
Hg	.3350	ppb	.0000	.3350	240-17422-A-6-H			
*** Sample ID: Seq: 72 19:24:01 16 Nov 12 HG								
Hg	.3554	ppb	.0000	.3554	240-17422-A-6-M DU			
*** Sample ID: Seq: 73 19:26:51 16 Nov 12 HG								
Hg	1.215	ppb	.0000	1.215	240-17422-A-6-J MS			
*** Sample ID: Seq: 74 19:28:09 16 Nov 12 HG								
Hg	.3567	ppb	.0000	.3567	240-17422-a-7-c			
*** Sample ID: Seq: 75 19:29:31 16 Nov 12 HG								
Hg	.5599	ppb	.0000	.5599	240-17422-a-8-c			
*** Sample ID: Seq: 76 19:30:52 16 Nov 12 HG								
Hg	.5008	ppb	.0000	.5008	240-17422-a-9-g			
*** Sample ID: Seq: 77 19:32:21 16 Nov 12 HG								
Hg	.5374	ppb	.0000	.5374	240-17422-a-9-1 du			
*** Sample ID: Seq: 78 19:33:40 16 Nov 12 HG								
Hg	1.340	ppb	.0000	1.340	240-17422-a-9-i ms			
*** Sample ID: Seq: 79 19:35:17 16 Nov 12 HG								
Hg	.4738	ppb	.0000	.4738	240-17422-a-10-c			
*** Check Standard: 6 Ck6CCV Seq: 80 19:36:54 16 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.9	5.046	5.000	ppb	.0000		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 1 Ck1CCB Seq: 81 19:38:19 16 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0047	.2000	ppb	.0000			
*** Sample ID: Seq: 82 19:40:20 16 Nov 12 HG								
					240-17422-a-11-c			
Hg		.5345		ppb	.0000	.5345		
*** Sample ID: Seq: 83 19:41:39 16 Nov 12 HG								
					240-17422-a-12-c			
Hg		.3814		ppb	.0000	.3814		
*** Sample ID: Seq: 84 19:42:59 16 Nov 12 HG								
					240-17477-a-5-c			
Hg		.3872		ppb	.0000	.3872		
*** Sample ID: Seq: 85 19:44:20 16 Nov 12 HG								
					240-17477-a-6-h			
Hg		.3517		ppb	.0000	.3517		
*** Sample ID: Seq: 86 19:45:38 16 Nov 12 HG								
					240-17477-a-6-m du			
Hg		.3192		ppb	.0000	.3192		
*** Sample ID: Seq: 87 19:46:57 16 Nov 12 HG								
					240-17477-a-6-j ms			
Hg		1.168		ppb	.0000	1.168		
*** Sample ID: Seq: 88 19:48:13 16 Nov 12 HG								
					240-17477-a-7-d			
Hg		.3271		ppb	.0000	.3271		
*** Sample ID: Seq: 89 19:49:50 16 Nov 12 HG								
					CRA			
Hg		.2075		ppb	.0000	.2075		
*** Check Standard: 6 Ck6CCV Seq: 90 19:51:08 16 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.0	5.052	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 91 19:52:26 16 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0084	.2000	ppb	.0000			

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65145 Batch Start Date: 11/15/12 10:09 Batch Analyst: Elshaw, Dale

Batch Method: 3050B Batch End Date: 11/15/12 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MT1TO1HN03 00376	MTH202 00012	MTHCL 00047
MB 240-65145/1		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	10 mL	10 mL	10 mL
LCS 240-65145/2		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-1-B	076SS-0002M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.05 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-2-B	076SS-0001M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.22 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-3-B	076SS-0005M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.17 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-4-B	076SS-0006M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.29 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-5-A	068SS-0001M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.07 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-6-A	068SS-0002M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.18 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-7-B	068SS-0003M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.17 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-7-K DU	068SS-0003M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.17 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-7-C MS	068SS-0003M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.17 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-8-A	068SS-0004M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.26 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-9-B	076SS-0004M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.01 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-10- A	076SS-0003M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.12 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-14- A	068SS-0005M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.28 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-15- A	068SS-0006M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.19 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-16- A	068SS-0007M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.22 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-17- A	068SS-0008M-0001 -SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.25 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-18- A	076SD-0008-0001- SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.15 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-19- A	076SD-0009-0001- SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-19- J DU	076SD-0009-0001- SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-19- B MS	076SD-0009-0001- SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65145 Batch Start Date: 11/15/12 10:09 Batch Analyst: Elshaw, Dale

Batch Method: 3050B Batch End Date: 11/15/12 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MT1TO1HN03 00376	MTH202 00012	MTHCL 00047
240-17317-A-20-A	076SD-0010-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.03 g	100 mL	10 mL	10 mL	10 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTHNO3 00036	MTICPMS2 00009	MTICPMSA 00007	MTICPMSA 00010	MTICPMSB 00007	MTICPMSB 00010
MB 240-65145/1		3050B, 6020/DOD		5 mL					
LCS 240-65145/2		3050B, 6020/DOD		5 mL	1 mL		1 mL		1 mL
240-17317-A-1-B	076SS-0002M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-2-B	076SS-0001M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-3-B	076SS-0005M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-4-B	076SS-0006M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-5-A	068SS-0001M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-6-A	068SS-0002M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-7-B	068SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-7-K DU	068SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-7-C MS	068SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL	1 mL	1 mL		1 mL	
240-17317-A-8-A	068SS-0004M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-9-B	076SS-0004M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-10-A	076SS-0003M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-14-A	068SS-0005M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-15-A	068SS-0006M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-16-A	068SS-0007M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-17-A	068SS-0008M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-18-A	076SD-0008-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-19-A	076SD-0009-0001-SO	3050B, 6020/DOD	T	5 mL					

6020/DOD

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65145 Batch Start Date: 11/15/12 10:09 Batch Analyst: Elshaw, Dale

Batch Method: 3050B Batch End Date: 11/15/12 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTHNO3 00036	MTICPMS2 00009	MTICPMSA 00007	MTICPMSA 00010	MTICPMSB 00007	MTICPMSB 00010
240-17317-A-19-J DU	076SD-0009-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-19-B MS	076SD-0009-0001-SO	3050B, 6020/DOD	T	5 mL	1 mL	1 mL		1 mL	
240-17317-A-20-A	076SD-0010-0001-SO	3050B, 6020/DOD	T	5 mL					

Batch Notes	
Balance ID	b039
Filter Paper Lot Number	6326666
Pipette ID	383364-383389
Digestion Tube/Cup Lot #	121014

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65198 Batch Start Date: 11/15/12 12:19 Batch Analyst: Girard, Susan

Batch Method: 3050B Batch End Date: 11/15/12 18:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MT1TO1HN03 00376	MTH202 00012	MTHCL 00047
MB 240-65198/1		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	10 mL	10 mL	10 mL
LCS 240-65198/2		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-21-A	076SD-0011-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-22-A	076SD-0012-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.02 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-23-A	079SS-0002M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.28 g	100 mL	10 mL	10 mL	10 mL
240-17317-A-24-A	079SS-0001M-0001-SO	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.27 g	100 mL	10 mL	10 mL	10 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTHNO3 00036	MTICPMS2 00009	MTICPMSA 00010	MTICPMSB 00010		
MB 240-65198/1		3050B, 6020/DOD		5 mL					
LCS 240-65198/2		3050B, 6020/DOD		5 mL	1 mL	1 mL	1 mL		
240-17317-A-21-A	076SD-0011-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-22-A	076SD-0012-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-23-A	079SS-0002M-0001-SO	3050B, 6020/DOD	T	5 mL					
240-17317-A-24-A	079SS-0001M-0001-SO	3050B, 6020/DOD	T	5 mL					

Batch Notes	
Balance ID	b038
Filter Paper Lot Number	6326666
Pipette ID	383364-383389
Digestion Tube/Cup Lot #	121014

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65191 Batch Start Date: 11/15/12 14:40 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 11/15/12 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00392	MTHGICVW 00428	MTKMnO4Liq 00005	
MB 240-65191/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-65191/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	1 mL	15 mL	
240-17317-A-1-B	076SS-0002M-0001 -SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-17317-A-2-B	076SS-0001M-0001 -SO	7471A, 7471/DOD	T	0.57 g	100 mL	5 mL		15 mL	
240-17317-A-3-B	076SS-0005M-0001 -SO	7471A, 7471/DOD	T	0.67 g	100 mL	5 mL		15 mL	
240-17317-A-4-B	076SS-0006M-0001 -SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-17317-A-5-A	068SS-0001M-0001 -SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	
240-17317-A-6-A	068SS-0002M-0001 -SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-17317-A-7-B	068SS-0003M-0001 -SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-17317-A-7-K DU	068SS-0003M-0001 -SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-17317-A-7-C MS	068SS-0003M-0001 -SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL	0.2 mL	15 mL	
240-17317-A-8-A	068SS-0004M-0001 -SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	
240-17317-A-9-B	076SS-0004M-0001 -SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-17317-A-10- A	076SS-0003M-0001 -SO	7471A, 7471/DOD	T	0.55 g	100 mL	5 mL		15 mL	
240-17317-A-14- A	068SS-0005M-0001 -SO	7471A, 7471/DOD	T	0.59 g	100 mL	5 mL		15 mL	
240-17317-A-15- A	068SS-0006M-0001 -SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-17317-A-16- A	068SS-0007M-0001 -SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17317-A-17- A	068SS-0008M-0001 -SO	7471A, 7471/DOD	T	0.61 g	100 mL	5 mL		15 mL	
240-17317-A-18- A	076SD-0008-0001- SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-17317-A-19- A	076SD-0009-0001- SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17317-A-19- J DU	076SD-0009-0001- SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17317-A-19- B MS	076SD-0009-0001- SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL	0.2 mL	15 mL	

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65191 Batch Start Date: 11/15/12 14:40 Batch Analyst: Elshaw, Dale

Batch Method: 7471A Batch End Date: 11/15/12 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00392	MTHGICVW 00428	MTKMnO4Liq 00005	
240-17317-A-20-A	076SD-0010-0001-SO	7471A, 7471/DOD	T	0.56 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Pipette ID	432085-383364-383389
Digestion Tube/Cup Lot #	10-12-12

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65204 Batch Start Date: 11/15/12 14:40 Batch Analyst: Girard, Susan

Batch Method: 7471A Batch End Date: 11/15/12 15:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00392	MTHGICVW 00428	MTKMnO4Liq 00005	
MB 240-65204/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-65204/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	1 mL	15 mL	
240-17317-A-21-A	076SD-0011-0001-SO	7471A, 7471/DOD	T	0.64 g	100 mL	5 mL		15 mL	
240-17317-A-22-A	076SD-0012-0001-SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-17317-A-23-A	079SS-0002M-0001-SO	7471A, 7471/DOD	T	0.66 g	100 mL	5 mL		15 mL	
240-17317-A-24-A	079SS-0001M-0001-SO	7471A, 7471/DOD	T	0.68 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b038
Pipette ID	432085-383364-383389
Digestion Tube/Cup Lot #	10-12-12

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65225 Batch Start Date: 11/15/12 08:57 Batch Analyst: Heakin, David

Batch Method: 7471A Batch End Date: 11/15/12 09:27

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00392	MTHGCALW 00280	MTHGICVW 00428	MTKMnO4Liq 00005
ICV 240-65225/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.5 mL	15 mL
ICB 240-65225/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-65225/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-65225/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-65225/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383364, 383366

Basis	Basis Description

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton

Job Number: 240-17317-1

SDG No.: _____

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
076SS-0002M-0001-SO	240-17317-1
076SS-0001M-0001-SO	240-17317-2
076SS-0005M-0001-SO	240-17317-3
076SS-0006M-0001-SO	240-17317-4
068SS-0001M-0001-SO	240-17317-5
068SS-0002M-0001-SO	240-17317-6
068SS-0003M-0001-SO	240-17317-7
068SS-0004M-0001-SO	240-17317-8
076SS-0004M-0001-SO	240-17317-9
076SS-0003M-0001-SO	240-17317-10
070SS-0006M-0001-SO	240-17317-11
070SS-0007M-0001-SO	240-17317-12
070SS-0002M-0001-SO	240-17317-13
068SS-0005M-0001-SO	240-17317-14
068SS-0006M-0001-SO	240-17317-15
068SS-0007M-0001-SO	240-17317-16
068SS-0008M-0001-SO	240-17317-17
076SD-0008-0001-SO	240-17317-18
076SD-0009-0001-SO	240-17317-19
076SD-0010-0001-SO	240-17317-20
076SD-0011-0001-SO	240-17317-21
076SD-0012-0001-SO	240-17317-22
079SS-0002M-0001-SO	240-17317-23
079SS-0001M-0001-SO	240-17317-24

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job Number: 240-17317-1

SDG No.: _____

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
<u>068SS-0003M-0001-SO</u>	<u>240-17317-7</u>
<u>068SS-0004M-0001-SO</u>	<u>240-17317-8</u>
<u>076SD-0008-0001-SO</u>	<u>240-17317-18</u>
<u>076SD-0009-0001-SO</u>	<u>240-17317-19</u>
<u>076SD-0010-0001-SO</u>	<u>240-17317-20</u>
<u>076SD-0011-0001-SO</u>	<u>240-17317-21</u>
<u>076SD-0012-0001-SO</u>	<u>240-17317-22</u>

Comments:

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 068SS-0003M-0001-SO

Lab Sample ID: 240-17317-7

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 12:00

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.88	4.8	1.8	0.75	mg/Kg	J	J	1	WS-WC-00 50

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 068SS-0004M-0001-SO

Lab Sample ID: 240-17317-8

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 12:00

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.8	5.0	1.8	0.78	mg/Kg	U		1	WS-WC-00 50

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 076SD-0008-0001-SO

Lab Sample ID: 240-17317-18

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:10

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.94	5.0	1.8	0.78	mg/Kg	J		1	WS-WC-00 50

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 076SD-0009-0001-SO

Lab Sample ID: 240-17317-19

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:15

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	2.5	4.9	1.8	0.76	mg/Kg	J	J	1	WS-WC-00 50

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 076SD-0010-0001-SO

Lab Sample ID: 240-17317-20

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:15

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	1.9	5.0	1.8	0.77	mg/Kg	J		1	WS-WC-00 50

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 076SD-0011-0001-SO

Lab Sample ID: 240-17317-21

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:25

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	2.1	4.9	1.8	0.77	mg/Kg	J		1	WS-WC-00 50

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: 076SD-0012-0001-SO

Lab Sample ID: 240-17317-22

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/06/2012 18:30

Reporting Basis: WET

Date Received: 11/07/2012 17:30

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Nitrocellulose	0.86	4.9	1.8	0.77	mg/Kg	J		1	WS-WC-00 50

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
SDG No.: _____
Analyst: JB Batch Start Date: 11/21/2012
Reporting Units: mg/L Analytical Batch No.: 6287

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
21	CCV	14:42	Nitrocellulose	8.36	8.48	99	90-110		WC-353.2-L4_00008
22	CCB	14:44	Nitrocellulose	1.0				U	

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

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1
 SDG No.: _____
 Analyst: JB Batch Start Date: 11/21/2012
 Reporting Units: mg/L Analytical Batch No.: 6288

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
16	CCV	17:06	Nitrocellulose	8.61	8.48	102	90-110		WC-353.2-L4_00008
17	CCB	17:08	Nitrocellulose	1.0				U	
21	CCV	17:16	Nitrocellulose	8.54	8.48	101	90-110		WC-353.2-L4_00008
22	CCB	17:18	Nitrocellulose	1.0				U	
26	CCV	17:26	Nitrocellulose	8.51	8.48	100	90-110		WC-353.2-L4_00008
27	CCB	17:28	Nitrocellulose	1.0				U	
31	CCV	17:36	Nitrocellulose	8.13	8.48	96	90-110		WC-353.2-L4_00008
32	CCB	17:38	Nitrocellulose	1.0				U	
36	CCV	17:46	Nitrocellulose	7.97	8.48	94	90-110		WC-353.2-L4_00008
37	CCB	17:48	Nitrocellulose	1.0				U	
42	CCV	17:58	Nitrocellulose	6.19	8.48	73	90-110		WC-353.2-L4_00008
43	CCB	18:00	Nitrocellulose	1.0				U	

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

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	LOQ	Dil
Batch ID: 6287	Date: 11/21/2012 14:30	Prep Batch: 6149	Date: 11/20/2012 06:48				
WS-WC-0050	MB 320-6087/1-B	Nitrocellulose	1.8	U	mg/Kg	5.0	1

5-IN
 MATRIX SPIKE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6288 Date: 11/21/2012 16:56 Prep Batch: 6149 Date: 11/20/2012 06:48											
WS-WC-0 050	240-17317-7	Nitrocellulose	0.88	J	mg/Kg						J
WS-WC-0 050	240-17317-7 MS	Nitrocellulose	16.6		mg/Kg	49.6	32	34-115			J
Batch ID: 6288 Date: 11/21/2012 17:52 Prep Batch: 6149 Date: 11/20/2012 06:48											
WS-WC-0 050	240-17317-19	Nitrocellulose	2.5	J	mg/Kg						J
WS-WC-0 050	240-17317-19 MS	Nitrocellulose	8.98		mg/Kg	47.9	14	34-115			J Q

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

5-IN
 MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6288 Date: 11/21/2012 16:58 Prep Batch: 6149 Date: 11/20/2012 06:48 WS-WC-0 240-17317-7 Nitrocellulose 17.1 mg/Kg 50.4 32 34-115 3 71 J 050 MSD											
Batch ID: 6288 Date: 11/21/2012 17:54 Prep Batch: 6149 Date: 11/20/2012 06:48 WS-WC-0 240-17317-19 Nitrocellulose 7.05 mg/Kg 49.3 9 34-115 24 71 Q J 050 MSD											

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

7A-IN
 LAB CONTROL SAMPLE
 GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6287		Date: 11/21/2012 14:32	Prep Batch: 6149		Date: 11/20/2012 06:48						
				LCS Source: HPNCSP_00006							
WS-WC-0 050	LCS 320-6087/2-B	Nitrocellulose	30.2		mg/Kg	50.6	60	34-115			

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

7A-IN
 METHOD REPORTING LIMIT CHECK
 GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 6288 Date: 11/21/2012 17:04											
						LCS Source: WC-353.2-L1_00011					
WS-WC-0 050	MRL 320-6288/15	Nitrocellulose	1.0	U	mg/L	0.424	83	70-130			
Batch ID: 6288 Date: 11/21/2012 17:14											
						LCS Source: WC-353.2-L1_00011					
WS-WC-0 050	MRL 320-6288/20	Nitrocellulose	1.0	U	mg/L	0.424	83	70-130			
Batch ID: 6288 Date: 11/21/2012 17:24											
						LCS Source: WC-353.2-L1_00011					
WS-WC-0 050	MRL 320-6288/25	Nitrocellulose	1.0	U	mg/L	0.424	89	70-130			
Batch ID: 6288 Date: 11/21/2012 17:34											
						LCS Source: WC-353.2-L1_00011					
WS-WC-0 050	MRL 320-6288/30	Nitrocellulose	1.0	U	mg/L	0.424	87	70-130			
Batch ID: 6288 Date: 11/21/2012 17:44											
						LCS Source: WC-353.2-L1_00011					
WS-WC-0 050	MRL 320-6288/35	Nitrocellulose	1.0	U	mg/L	0.424	77	70-130			
Batch ID: 6288 Date: 11/21/2012 17:56											
						LCS Source: WC-353.2-L1_00011					
WS-WC-0 050	MRL 320-6288/41	Nitrocellulose	1.0	U	mg/L	0.424	54	70-130			^

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

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17317-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture LOQ Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17317-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job Number: 240-17317-1
SDG Number: _____
Matrix: Solid Instrument ID: FS4
Method: WS-WC-0050 DL Date: 03/15/2011 14:37
Prep Method: 353 (NCell-Hyd)

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Nitrocellulose		5	0.78

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job Number: 240-17317-1
SDG Number: _____
Matrix: Solid Instrument ID: FS4
Method: WS-WC-0050 XMDL Date: 03/15/2011 14:36

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Nitrocellulose		2	0.475

11-IN
LINEAR RANGES
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento

Job No: 240-17317-1

SDG No.: _____

Instrument ID: FS4

Date: 07/31/2011 19:29

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Nitrocellulose		16.8	WS-WC-0050

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento

Job No.: 240-17317-1

SDG No.: _____

Prep Method: 353 (NCell-Hyd)

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 320-6087/1-B	11/20/2012 06:48	6149		45	40
LCS 320-6087/2-B	11/20/2012 06:48	6149		45	40
240-17317-7	11/20/2012 06:48	6149		45	40
240-17317-7 MS	11/20/2012 06:48	6149		45	40
240-17317-7 MSD	11/20/2012 06:48	6149		45	40
240-17317-8	11/20/2012 06:48	6149		45	40
240-17317-18	11/20/2012 06:48	6149		45	40
240-17317-19	11/20/2012 06:48	6149		45	40
240-17317-19 MS	11/20/2012 06:48	6149		45	40
240-17317-19 MSD	11/20/2012 06:48	6149		45	40
240-17317-20	11/20/2012 06:48	6149		45	40
240-17317-21	11/20/2012 06:48	6149		45	40
240-17317-22	11/20/2012 06:48	6149		45	40

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/16/2012 16:01 End Date: 11/16/2012 16:05

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
ZZZZZZ			16:01																		
240-17317-6	1	T	16:01	X	X																
240-17317-8	1	T	16:01	X	X																
240-17317-14 DU	1	T	16:01	X	X																
240-17317-14	1	T	16:01	X	X																
240-17317-15	1	T	16:01	X	X																
240-17317-16	1	T	16:01	X	X																
240-17317-17	1	T	16:01	X	X																
240-17317-18	1	T	16:01	X	X																
240-17317-19 DU	1	T	16:01	X	X																
240-17317-19	1	T	16:01	X	X																
240-17317-20	1	T	16:01	X	X																
240-17317-21	1	T	16:01	X	X																
240-17317-22	1	T	16:01	X	X																
240-17317-23	1	T	16:04	X	X																
240-17317-24	1	T	16:04	X	X																
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:04																		
ZZZZZZ			16:05																		
ZZZZZZ			16:05																		
ZZZZZZ			16:05																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 11/21/2012 14:02 End Date: 11/21/2012 15:26

Lab Sample ID	D / F	T y p e	Time	Analytes															
				N C L															
ZZZZZZ			14:02																
STD0 320-6287/2 IC			14:04	X															
STD1 320-6287/3 IC			14:06	X															
STD2 320-6287/4 IC			14:08	X															
STD3 320-6287/5 IC			14:10	X															
STD4 320-6287/6 IC			14:12	X															
STD5 320-6287/7 IC			14:14	X															
ICV 320-6287/8	1		14:16																
ICB 320-6287/9	1		14:18																
ZZZZZZ			14:20																
ZZZZZZ			14:22																
ZZZZZZ			14:24																
ZZZZZZ			14:26																
ZZZZZZ			14:28																
MB 320-6087/1-B	1	T	14:30	X															
LCS 320-6087/2-B	1	T	14:32	X															
ZZZZZZ			14:34																
ZZZZZZ			14:36																
ZZZZZZ			14:38																
ZZZZZZ			14:40																
CCV 320-6287/21	1		14:42	X															
CCB 320-6287/22	1		14:44	X															
ZZZZZZ			14:46																
ZZZZZZ			14:48																
ZZZZZZ			14:50																
ZZZZZZ			14:52																
ZZZZZZ			14:54																
ZZZZZZ			14:56																
ZZZZZZ			14:58																
ZZZZZZ			15:00																
ZZZZZZ			15:02																
ZZZZZZ			15:04																
ZZZZZZ			15:06																
CCV 320-6287/34			15:08																
CCB 320-6287/35			15:10																
ZZZZZZ			15:12																
ZZZZZZ			15:14																
ZZZZZZ			15:16																
ZZZZZZ			15:18																
ZZZZZZ			15:20																
CCV 320-6287/41			15:22																
CCB 320-6287/42			15:24																

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 11/21/2012 16:36 End Date: 11/21/2012 18:02

Lab Sample ID	D / F	T y p e	Time	Analytes															
				N C L															
ZZZZZZ			16:36																
ICV 320-6288/2	1		16:38																
ICB 320-6288/3	1		16:40																
ZZZZZZ			16:42																
ZZZZZZ			16:44																
ZZZZZZ			16:46																
ZZZZZZ			16:48																
ZZZZZZ			16:50																
ZZZZZZ			16:52																
240-17317-7	1	T	16:54	X															
240-17317-7 MS	1	T	16:56	X															
240-17317-7 MSD	1	T	16:58	X															
240-17317-8	1	T	17:00	X															
240-17317-18	1	T	17:02	X															
MRL 320-6288/15	1	T	17:04	X															
CCV 320-6288/16	1		17:06	X															
CCB 320-6288/17	1		17:08	X															
ZZZZZZ			17:10																
240-17317-22	1	T	17:12	X															
MRL 320-6288/20	1	T	17:14	X															
CCV 320-6288/21	1		17:16	X															
CCB 320-6288/22	1		17:18	X															
ZZZZZZ			17:20																
240-17317-20	1	T	17:22	X															
MRL 320-6288/25	1	T	17:24	X															
CCV 320-6288/26	1		17:26	X															
CCB 320-6288/27	1		17:28	X															
ZZZZZZ			17:30																
240-17317-19	1	T	17:32	X															
MRL 320-6288/30	1	T	17:34	X															
CCV 320-6288/31	1		17:36	X															
CCB 320-6288/32	1		17:38	X															
ZZZZZZ			17:40																
240-17317-21	1	T	17:42	X															
MRL 320-6288/35	1	T	17:44	X															
CCV 320-6288/36	1		17:46	X															
CCB 320-6288/37	1		17:48	X															
ZZZZZZ			17:50																
240-17317-19 MS	1	T	17:52	X															
240-17317-19 MSD	1	T	17:54	X															
MRL 320-6288/41	1	T	17:56	X															
CCV 320-6288/42	1		17:58	X															

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Instrument ID: FS4 Method: WS-WC-0050

Start Date: 11/21/2012 16:36 End Date: 11/21/2012 18:02

Lab Sample ID	D / F	Type	Time	Analytes																
				N	C	L														
CCB 320-6288/43	1		18:00	X																
ZZZZZZ			18:02																	

Prep Types
T = Total/NA

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	105	Sync	1	SYNC		1	125093	1.020254	
B	0	Baseline	1	RB		1	0	-0.003447	BL
3	0	Cal 0	1	C		1	15	-0.003324	LO
4	102	Cal 1	1	C		1	6538	0.050057	
5	103	Cal 2	1	C		1	24957	0.200788	
6	104	Cal 3	1	C		1	49154	0.398806	
7	105	Cal 4	1	C		1	123477	1.007028	
8	106	Cal 5	1	C		1	244404	1.996645	
9	107	ICV	1	U		1	123508	1.007289	
10	0	BLANK/ICB	1	BLNK		1	284	-0.001120	LO
11	102	MRL	1	U		1	6498	0.049727	
12	108	NO2 1PPM	1	U		1	127114	1.036794	
13	109	NO3 1PPM	1	U		1	119088	0.971118	
14	0	Blank	1	BLNK		1	97	-0.002653	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
16	113	MB 320-6087/1-B	1	U		1	3167	0.022468	
17	114	LCS 320-6087/2-B	1	U		1	110318	0.899343	
18	115	240-17230-P-6-L	1	U		1	4207	0.030978	
19	116	240-17230-A-6-AD	MS	1	U	1	68798	0.559566	
20	117	240-17230-P-6-M	MSD	1	U	1	69955	0.569030	
21	102	MRL	1	U		1	5992	0.045591	
22	105	CCV	1	U		1	121979	0.994776	
23	0	Blank	1	BLNK		1	-63	-0.003964	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
25	118	240-17230-F-7-D	1	U		1	4308	0.031806	
26	119	240-17317-P-7-J	1	U		1	3960	0.028962	
27	120	240-17317-P-7-K	MS	1	U	1	62768	0.510218	
28	121	240-17317-P-7-L	MSD	1	U	1	63047	0.512503	
29	122	240-17317-F-8-E	1	U		1	4191	0.030850	
30	123	240-17317-C-18-E	1	U		1	5050	0.037884	
31	128	240-17317-C-20-E	1	U		1	8023	0.062206	
32	129	240-17317-C-21-E	1	U		1	5099	0.038279	
33	130	240-17317-C-22-D	1	U		1	1038	0.005046	
34	102	MRL	1	U		1	3240	0.023067	
35	105	CCV	1	U		1	85567	0.696793	
36	0	BLANK	1	BLNK		1	-224	-0.005281	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
38	125	240-17317-E-19-L	1	U		1	7921	0.061374	
39	126	240-17317-E-19-M	MS	1	U	1	13057	0.103402	
40	127	240-17317-E-19-N	MSD	1	U	1	12623	0.099851	
41	102	MRL	1	U		1	2406	0.016247	
42	105	CCV	1	U		1	68294	0.555439	
43	0	BLANK	1	BLNK		1	-188	-0.004989	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	14:02:38	0.00	[C]
0	Cal 0	C	14:04:38	0.00	[C]
102	Cal 1	C	14:06:38	0.05	[C]
103	Cal 2	C	14:08:38	0.20	[C]
104	Cal 3	C	14:10:39	0.40	[C]
105	Cal 4	C	14:12:39	1.01	[C]
106	Cal 5	C	14:14:39	2.00	[C]
107	ICV	-	14:16:39	1.01	[-]
0	BLANK/ICB	C	14:18:39	0.00	[C]
102	MRL	-	14:20:39	0.05	[-]
108	NO2 1PPM	-	14:22:40	1.04	[-]
109	NO3 1PPM	-	14:24:40	0.97	[-]
0	Blank	C	14:26:40	0.00	[C]
0	Baseline	C	14:28:40	0.00	[C]
113	MB 320-6087/1-B	-	14:30:40	0.02	[-]
114	LCS 320-6087/2-B	-	14:32:40	0.90	[-]
115	240-17230-P-6-L	-	14:34:41	0.03	[-]
116	240-17230-A-6-AD MS	-	14:36:41	0.56	[-]
117	240-17230-P-6-M MSD	-	14:38:41	0.57	[-]
102	MRL	-	14:40:41	0.05	[-]
105	CCV	-	14:42:41	0.99	[-]
0	Blank	C	14:44:41	0.00	[C]
0	Baseline	C	14:46:42	0.00	[C]
118	240-17230-F-7-D	-	14:48:42	0.03	[-]
119	240-17317-P-7-J	-	14:50:42	0.03	[-]
120	240-17317-P-7-K MS	-	14:52:42	0.51	[-]
121	240-17317-P-7-L MSD	-	14:54:42	0.51	[-]
122	240-17317-F-8-E	-	14:56:42	0.03	[-]
123	240-17317-C-18-E	-	14:58:43	0.04	[-]
128	240-17317-C-20-E	-	15:00:43	0.06	[-]
129	240-17317-C-21-E	-	15:02:43	0.04	[-]
130	240-17317-C-22-D	-	15:04:43	0.01	[-]
102	MRL	-	15:06:43	0.02	[-]
105	CCV	-	15:08:43	0.70	[-]
0	BLANK	C	15:10:44	-0.01	[C]
0	Baseline	C	15:12:44	0.00	[C]
125	240-17317-E-19-L	-	15:14:44	0.06	[-]
126	240-17317-E-19-M MS	-	15:16:44	0.10	[-]
127	240-17317-E-19-N MSD	-	15:18:44	0.10	[-]
102	MRL	-	15:20:45	0.02	[-]
105	CCV	-	15:22:45	0.56	[-]
0	BLANK	C	15:24:45	0.00	[C]
0	Baseline	C	15:26:45	0.00	[C]

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112112B.RST

Date: 21-Nov-12

Operator: jlb

* Name	Conc	Height
* Cal 0	0.000000	14.964844
* Cal 1	0.050000	6538.024902
* Cal 2	0.200000	24956.833984
* Cal 3	0.400000	49153.964844
* Cal 4	1.000000	123476.539062
* Cal 5	2.000000	244404.281250

Calib Coef:

y=bx+a

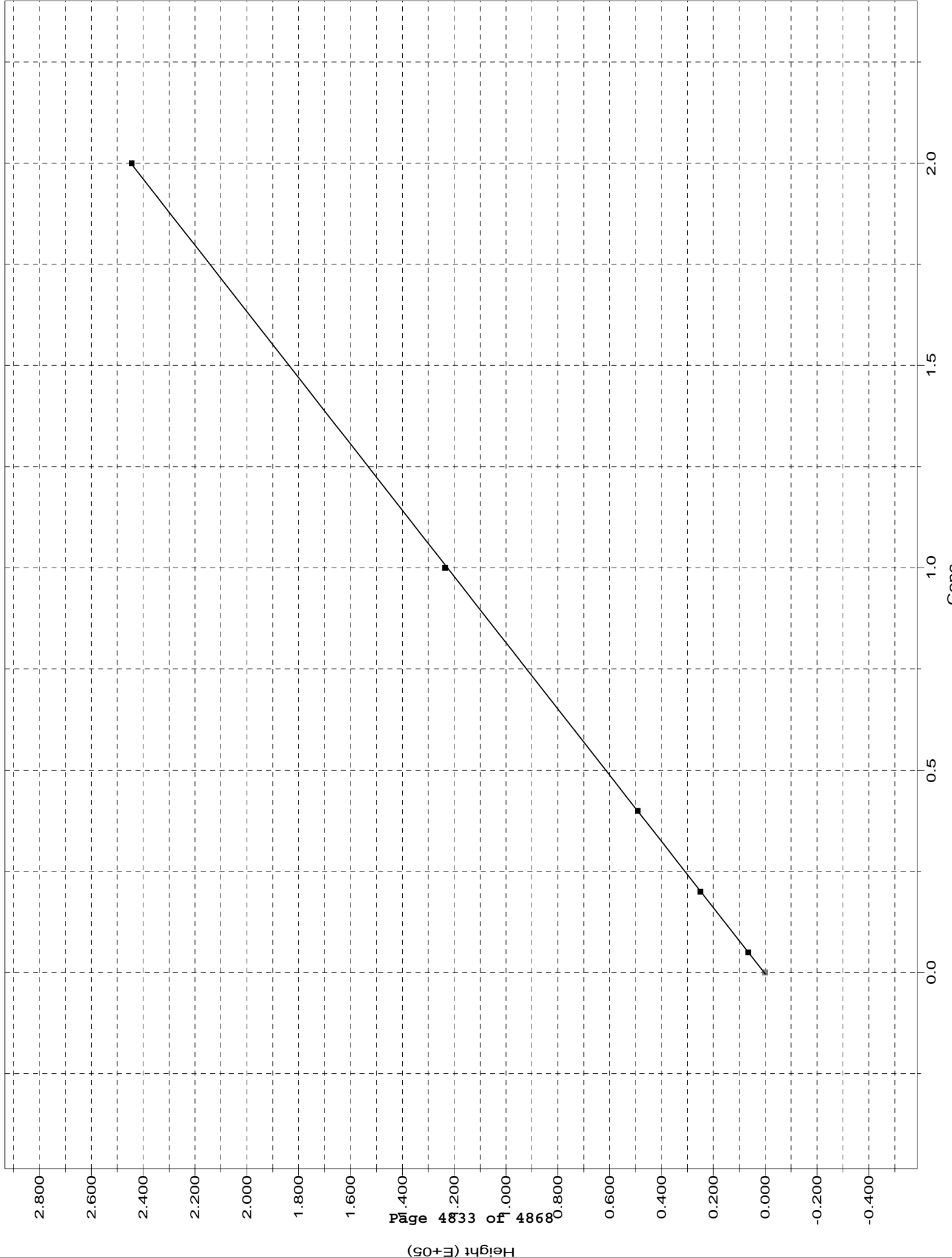
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b: 1.2220e+05

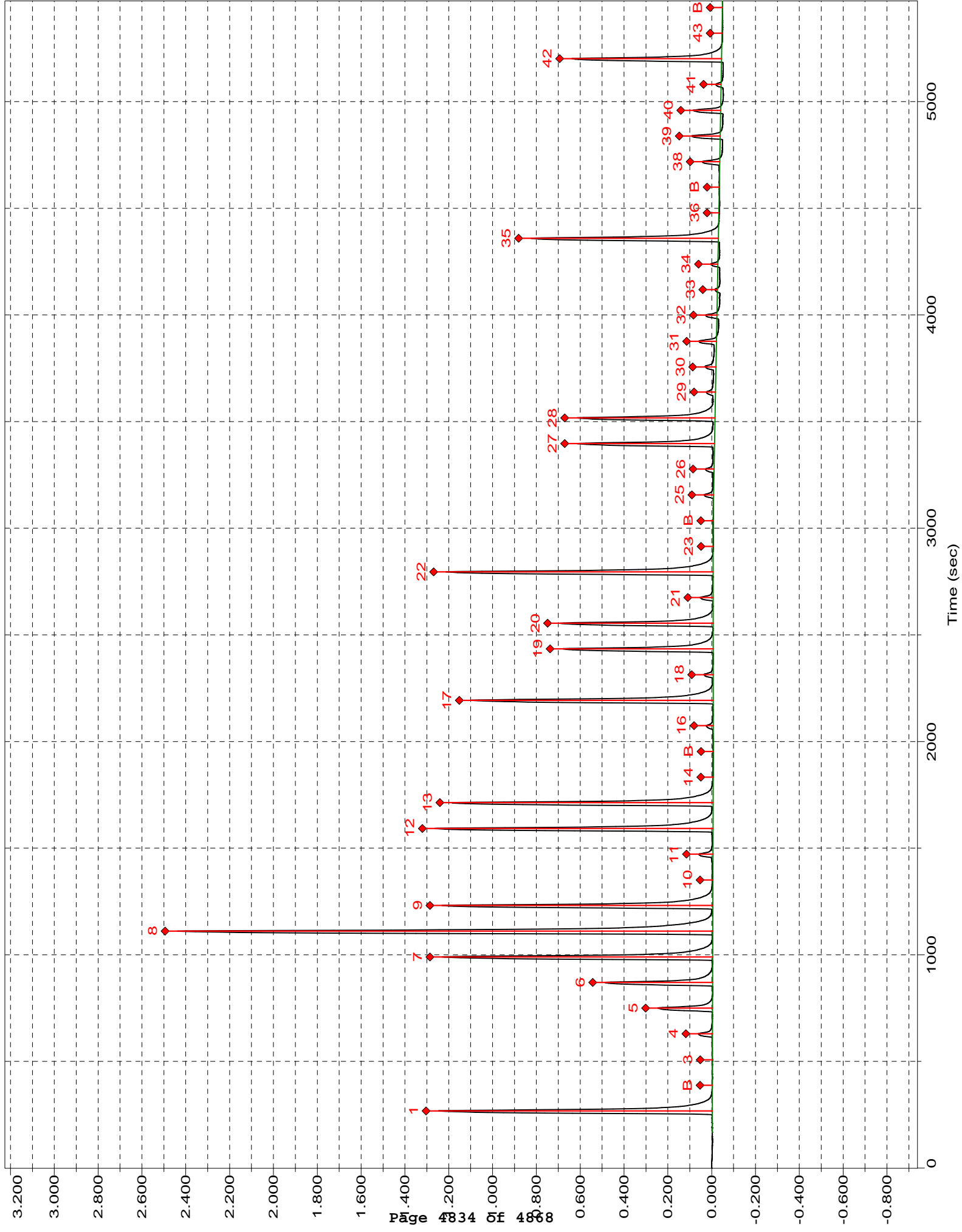
Corr Coef: 0.999988

Carryover: n/a

No Drift Peaks



Channel 1: Nitrate/Nitrite



Instrument ID FS4		WS-WC-0050 Ncell		
Batch 6287 6288	File # 11212B 11212D	Date 11/21/12	Analyst J	
Lot Numbers 240-17230, 240-17317		YES	NO	NA
LEVEL 1 Review:				
1. Samples properly preserved/verified		/		
2. Run setup meets Std criteria (Curve, ICV/ICB, CCV etc.)		/	0	
3. Calibration criteria met (R=0.995, R ² =0.990)		/		
4. Interception criteria for quadratic fits + or - 1/2 the RL				/
5. Second source std in control		/		
6. Batch QC in control (LCS,MB,MS/MSD,DCS if necessary)		/	0	/
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: ① see NCM for MRL/CCV out on 6287 and last MRL/CCV out on 6288.
 ② see NCM for MS/MSD out of control on 6288.

REVIEWED BY: LW	DATE: 11/26/12	DATA ENTERED BY: J	DATE: 11/26/12
------------------------	-----------------------	---------------------------	-----------------------

Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	105	Sync	1	SYNC		1	125093	1.020254	
B	0	Baseline	1	RB		1	0	-0.003447	BL
3	0	Cal 0	1	C		1	15	-0.003324	LO
4	102	Cal 1	1	C		1	6538	0.050057	
5	103	Cal 2	1	C		1	24957	0.200788	
6	104	Cal 3	1	C		1	49154	0.398806	
7	105	Cal 4	1	C		1	123477	1.007028	
8	106	Cal 5	1	C		1	244404	1.996645	
9	107	ICV	1	U		1	123508	1.007289	
10	0	BLANK/ICB	1	BLNK		1	284	-0.001120	LO
11	102	MRL	1	U		1	6498	0.049727	
12	108	NO2 1PPM	1	U		1	127114	1.036794	
13	109	NO3 1PPM	1	U		1	119088	0.971118	
14	0	Blank	1	BLNK		1	97	-0.002653	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
16	113	MB 320-6087/1-B	1	U		1	3167	0.022468	
17	114	LCS 320-6087/2-B	1	U		1	110318	0.899343	
18	115	240-17230-P-6-L	1	U		1	4207	0.030978	
19	116	240-17230-A-6-AD	MS	1	U	1	68798	0.559566	
20	117	240-17230-P-6-M	MSD	1	U	1	69955	0.569030	
21	102	MRL	1	U		1	5992	0.045591	
22	105	CCV	1	U		1	121979	0.994776	
23	0	Blank	1	BLNK		1	-63	-0.003964	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
25	118	240-17230-F-7-D	1	U		1	4308	0.031806	
26	119	240-17317-P-7-J	1	U		1	3960	0.028962	
27	120	240-17317-P-7-K	MS	1	U	1	62768	0.510218	
28	121	240-17317-P-7-L	MSD	1	U	1	63047	0.512503	
29	122	240-17317-F-8-E	1	U		1	4191	0.030850	
30	123	240-17317-C-18-E	1	U		1	5050	0.037884	
31	128	240-17317-C-20-E	1	U		1	8023	0.062206	
32	129	240-17317-C-21-E	1	U		1	5099	0.038279	
33	130	240-17317-C-22-D	1	U		1	1038	0.005046	
34	102	MRL	1	U		1	3240	0.023067	
35	105	CCV	1	U		1	85567	0.696793	
36	0	BLANK	1	BLNK		1	-224	-0.005281	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
38	125	240-17317-E-19-L	1	U		1	7921	0.061374	
39	126	240-17317-E-19-M	MS	1	U	1	13057	0.103402	
40	127	240-17317-E-19-N	MSD	1	U	1	12623	0.099851	
41	102	MRL	1	U		1	2406	0.016247	
42	105	CCV	1	U		1	68294	0.555439	
43	0	BLANK	1	BLNK		1	-188	-0.004989	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	14:02:38	0.00	[C]
0	Cal 0	C	14:04:38	0.00	[C]
102	Cal 1	C	14:06:38	0.05	[C]
103	Cal 2	C	14:08:38	0.20	[C]
104	Cal 3	C	14:10:39	0.40	[C]
105	Cal 4	C	14:12:39	1.01	[C]
106	Cal 5	C	14:14:39	2.00	[C]
107	ICV	-	14:16:39	1.01	[-]
0	BLANK/ICB	C	14:18:39	0.00	[C]
102	MRL	-	14:20:39	0.05	[-]
108	NO2 1PPM	-	14:22:40	1.04	[-]
109	NO3 1PPM	-	14:24:40	0.97	[-]
0	Blank	C	14:26:40	0.00	[C]
0	Baseline	C	14:28:40	0.00	[C]
113	MB 320-6087/1-B	-	14:30:40	0.02	[-]
114	LCS 320-6087/2-B	-	14:32:40	0.90	[-]
115	240-17230-P-6-L	-	14:34:41	0.03	[-]
116	240-17230-A-6-AD MS	-	14:36:41	0.56	[-]
117	240-17230-P-6-M MSD	-	14:38:41	0.57	[-]
102	MRL	-	14:40:41	0.05	[-]
105	CCV	-	14:42:41	0.99	[-]
0	Blank	C	14:44:41	0.00	[C]
0	Baseline	C	14:46:42	0.00	[C]
118	240-17230-F-7-D	-	14:48:42	0.03	[-]
119	240-17317-P-7-J	-	14:50:42	0.03	[-]
120	240-17317-P-7-K MS	-	14:52:42	0.51	[-]
121	240-17317-P-7-L MSD	-	14:54:42	0.51	[-]
122	240-17317-F-8-E	-	14:56:42	0.03	[-]
123	240-17317-C-18-E	-	14:58:43	0.04	[-]
128	240-17317-C-20-E	-	15:00:43	0.06	[-]
129	240-17317-C-21-E	-	15:02:43	0.04	[-]
130	240-17317-C-22-D	-	15:04:43	0.01	[-]
102	MRL	-	15:06:43	0.02	[-]
105	CCV	-	15:08:43	0.70	[-]
0	BLANK	C	15:10:44	-0.01	[C]
0	Baseline	C	15:12:44	0.00	[C]
125	240-17317-E-19-L	-	15:14:44	0.06	[-]
126	240-17317-E-19-M MS	-	15:16:44	0.10	[-]
127	240-17317-E-19-N MSD	-	15:18:44	0.10	[-]
102	MRL	-	15:20:45	0.02	[-]
105	CCV	-	15:22:45	0.56	[-]
0	BLANK	C	15:24:45	0.00	[C]
0	Baseline	C	15:26:45	0.00	[C]

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112112B.RST

Date: 21-Nov-12

Operator: jb

* Name	Conc	Height
* Cal 0	0.000000	14.964844
* Cal 1	0.050000	6538.024902
* Cal 2	0.200000	24956.833984
* Cal 3	0.400000	49153.964844
* Cal 4	1.000000	123476.539062
* Cal 5	2.000000	244404.281250

Calib Coef:

y=bx+a

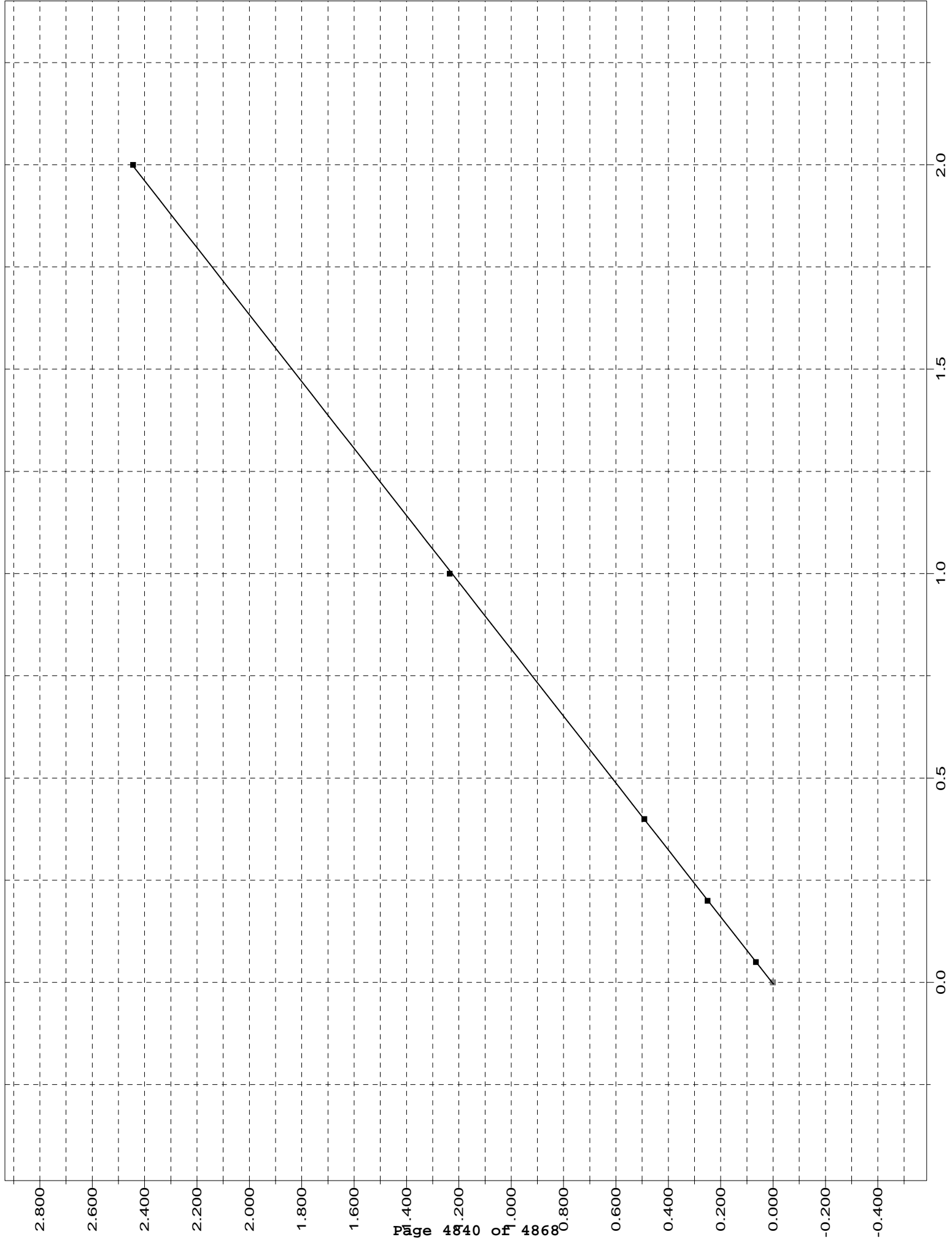
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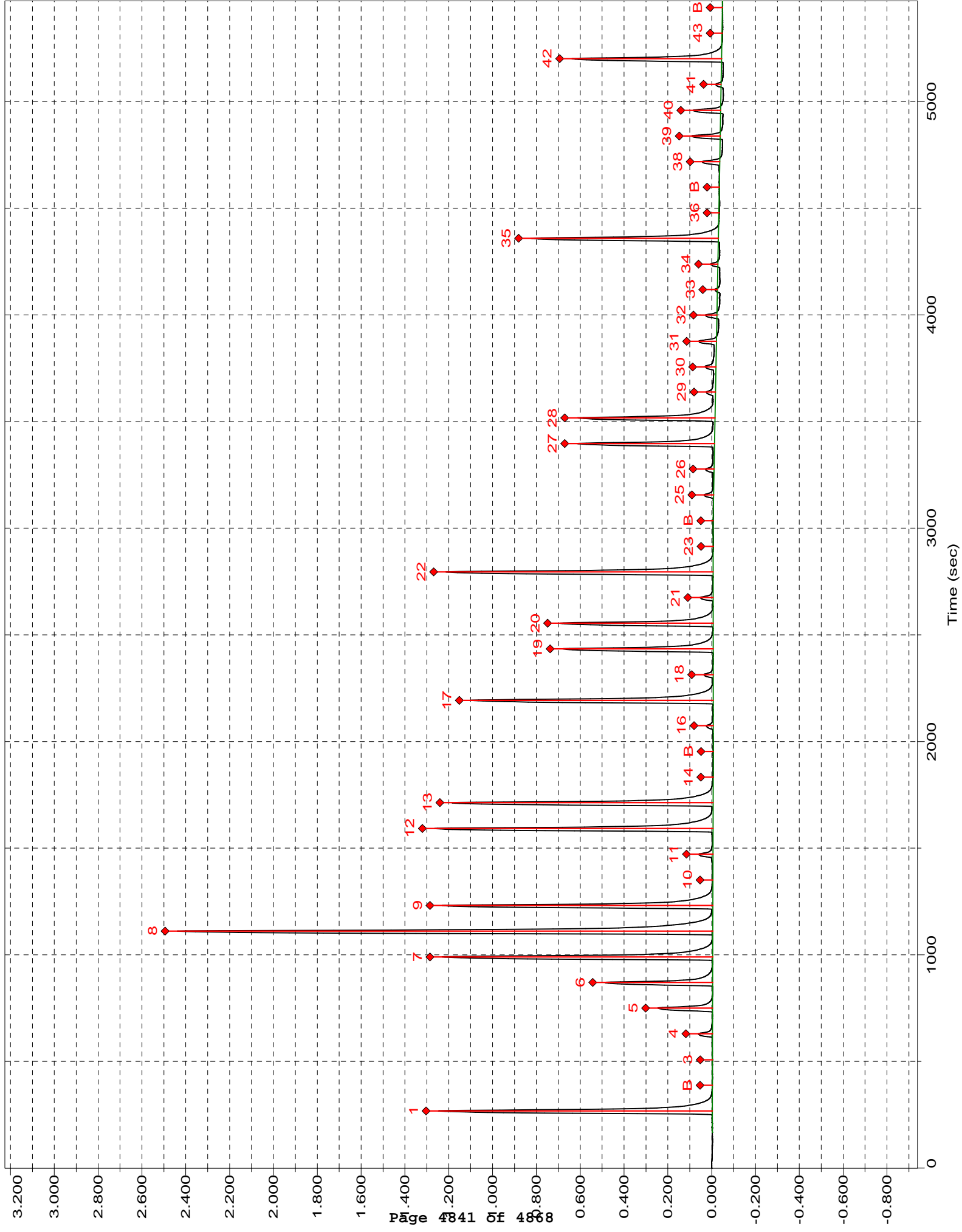
Corr Coef: 0.999988

Carryover: n/a

No Drift Peaks



Channel 1: Nitrate/Nitrite



Peak	Cup	Name	R	Type	Dil	Wt	Height	Calc. (ppm)	Flags
1	105	Sync	1	SYNC		1	125248	1.021522	
B	0	Baseline	1	RB		1	0	-0.003447	BL
3	107	ICV	1	U		1	124281	1.013611	
4	0	BLANK/ICB	1	BLNK		1	-129	-0.004503	LO
5	102	MRL	1	U		1	6073	0.046251	
6	108	NO2 1PPM	1	U		1	127635	1.041060	
7	109	NO3 1PPM	1	U		1	125485	1.023466	
8	0	Blank	1	BLNK		1	-101	-0.004272	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
10	118	240-17230-F-7-D	1	U		1	3697	0.026806	
11	119	240-17317-P-7-J	1	U		1	3765	0.027362	
12	120	240-17317-P-7-K	MS 1	U		1	62079	0.504578	
13	121	240-17317-P-7-L	MSD 1	U		1	62698	0.509641	
14	122	240-17317-F-8-E	1	U		1	3093	0.021862	
15	123	240-17317-C-18-E	1	U		1	3853	0.028081	
16	102	MRL	1	U		1	5516	0.041692	
17	105	CCV	1	U		1	125607	1.024461	
18	0	BLANK	1	BLNK		1	12	-0.003349	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
20	130	240-17317-C-22-D	1	U		1	3621	0.026185	
21	102	MRL	1	U		1	5583	0.042243	
22	105	CCV	1	U		1	124559	1.015887	
23	0	BLANK	1	BLNK		1	-141	-0.004604	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
25	128	240-17317-C-20-E	1	U		1	7271	0.056058	
26	102	MRL	1	U		1	5903	0.044863	
27	105	CCV	1	U		1	124208	1.013011	
28	0	BLANK	1	BLNK		1	-33	-0.003717	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
30	125	240-17317-E-19-L	1	U		1	9704	0.075969	
31	102	MRL	1	U		1	5802	0.044037	
32	105	CCV	1	U		1	118751	0.968356	
33	0	BLANK	1	BLNK		1	304	-0.000960	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
35	129	240-17317-C-21-E	1	U		1	8395	0.065257	
36	102	MRL	1	U		1	5152	0.038715	
37	105	CCV	1	U		1	116249	0.947883	
38	0	BLANK	1	BLNK		1	147	-0.002248	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL
40	126	240-17317-E-19-M	MS 1	U		1	34906	0.282206	
41	127	240-17317-E-19-N	MSD 1	U		1	26722	0.215235	
42	102	MRL	1	U		1	3717	0.026968	
43	105	CCV	1	U		1	90538	0.737474	
44	0	BLANK	1	BLNK		1	-316	-0.006035	LO
B	0	Baseline	1	RB		1	0	-0.003447	BL

Cup	Name	S	1:Time	1:Value	1:S
0	Baseline	C	16:36:41	0.00	[C]
107	ICV	-	16:38:41	1.01	[-]
0	BLANK/ICB	C	16:40:42	0.00	[C]
102	MRL	-	16:42:42	0.05	[-]
108	NO2 1PPM	-	16:44:42	1.04	[-]
109	NO3 1PPM	-	16:46:42	1.02	[-]
0	Blank	C	16:48:42	0.00	[C]
0	Baseline	C	16:50:42	0.00	[C]
118	240-17230-F-7-D	-	16:52:43	0.03	[-]
119	240-17317-P-7-J	-	16:54:43	0.03	[-]
120	240-17317-P-7-K MS	-	16:56:43	0.50	[-]
121	240-17317-P-7-L MSD	-	16:58:43	0.51	[-]
122	240-17317-F-8-E	-	17:00:43	0.02	[-]
123	240-17317-C-18-E	-	17:02:43	0.03	[-]
102	MRL	-	17:04:44	0.04	[-]
105	CCV	-	17:06:44	1.02	[-]
0	BLANK	C	17:08:44	0.00	[C]
0	Baseline	C	17:10:44	0.00	[C]
130	240-17317-C-22-D	-	17:12:44	0.03	[-]
102	MRL	-	17:14:45	0.04	[-]
105	CCV	-	17:16:45	1.02	[-]
0	BLANK	C	17:18:45	0.00	[C]
0	Baseline	C	17:20:45	0.00	[C]
128	240-17317-C-20-E	-	17:22:45	0.06	[-]
102	MRL	-	17:24:45	0.04	[-]
105	CCV	-	17:26:46	1.01	[-]
0	BLANK	C	17:28:46	0.00	[C]
0	Baseline	C	17:30:46	0.00	[C]
125	240-17317-E-19-L	-	17:32:46	0.08	[-]
102	MRL	-	17:34:46	0.04	[-]
105	CCV	-	17:36:46	0.97	[-]
0	BLANK	C	17:38:47	0.00	[C]
0	Baseline	C	17:40:47	0.00	[C]
129	240-17317-C-21-E	-	17:42:47	0.07	[-]
102	MRL	-	17:44:47	0.04	[-]
105	CCV	-	17:46:47	0.95	[-]
0	BLANK	C	17:48:47	0.00	[C]
0	Baseline	C	17:50:48	0.00	[C]
126	240-17317-E-19-M MS	-	17:52:48	0.28	[-]
127	240-17317-E-19-N MSD	-	17:54:48	0.22	[-]
102	MRL	-	17:56:48	0.03	[-]
105	CCV	-	17:58:48	0.74	[-]
0	BLANK	C	18:00:48	-0.01	[C]
0	Baseline	C	18:02:49	0.00	[C]

File name: Z:\GENCHEM\ALPKEM~2\2012\NITROC~1\112112D.RST

Date: 21-Nov-12

Operator: jlb

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* <Loaded>	0.050000	6538.020020
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* <Loaded>	0.400000	49154.000000
* <Loaded>	1.000000	123477.000000
* <Loaded>	2.000000	244404.000000

Calib Coef:

y=bx+a

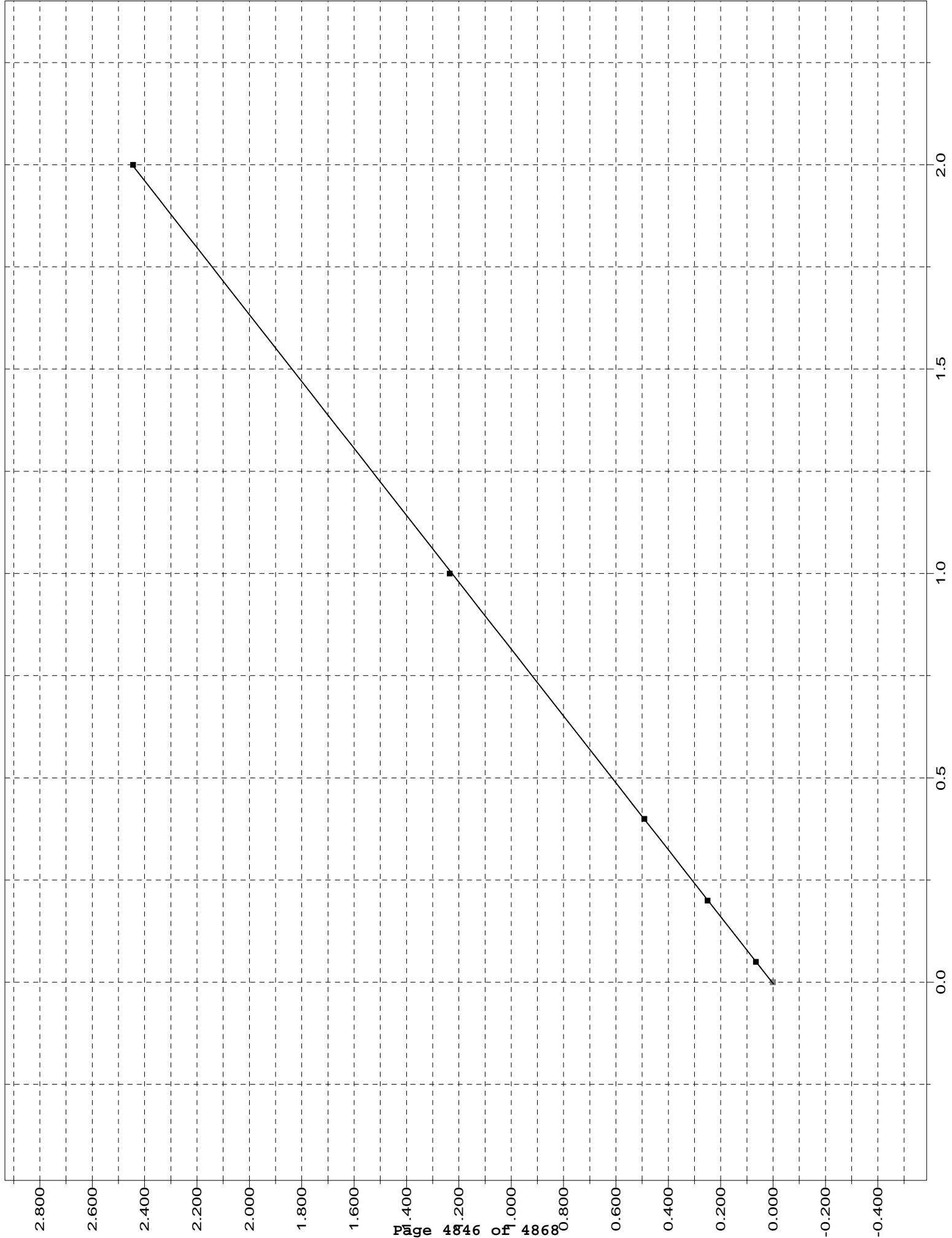
a: (intercept) 4.2127e+02

b: 1.2220e+05

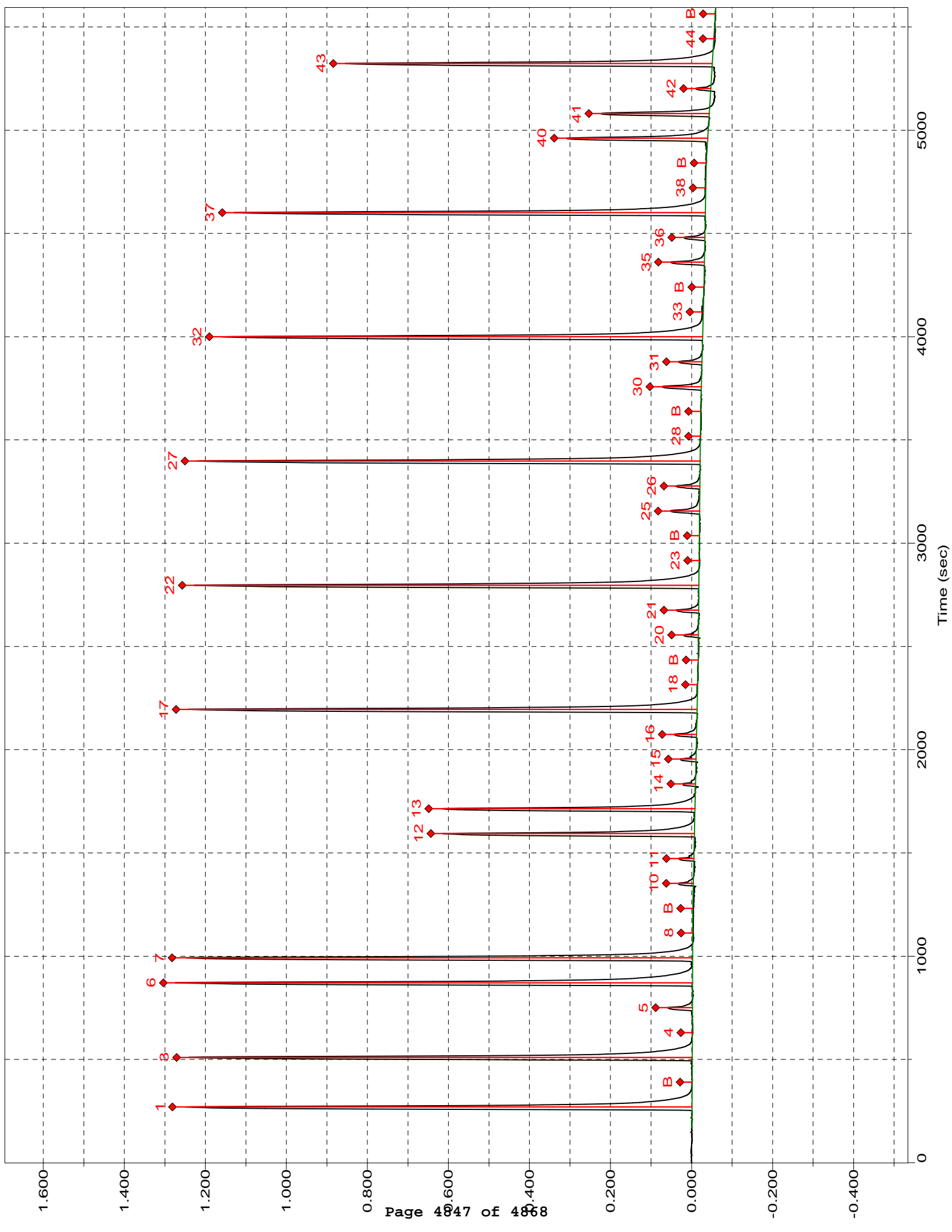
Corr Coef: 0.999988

Carryover: n/a

No Drift Peaks



Channel 1: Nitrate/Nitrite



Instrument ID FS4		WS-WC-0050 Ncell		
Batch 6287 6288	File # 11212B 11212D	Date 11/21/12	Analyst J	
Lot Numbers 240-17230, 240-17317		YES	NO	NA
LEVEL 1 Review:				
1. Samples properly preserved/verified		/		
2. Run setup meets Std criteria (Curve, ICV/ICB, CCV etc.)		/	0	
3. Calibration criteria met (R=0.995, R ² =0.990)		/		
4. Interception criteria for quadratic fits + or - 1/2 the RL				/
5. Second source std in control		/		
6. Batch QC in control (LCS,MB,MS/MSD,DCS if necessary)		/	0	/
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: ① see NCM for MRL/CCV out on 6287 and last MRL/CCV out on 6288.
 ② see NCM for MS/MSD out of control on 6288.

REVIEWED BY: LW	DATE: 11/26/12	DATA ENTERED BY: J	DATE: 11/26/12
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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65100 Batch Start Date: 11/15/12 08:05 Batch Analyst: Grossman, Lucas

Batch Method: Moisture Batch End Date: 11/16/12 11:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-17317-D-1	076SS-0002M-0001 -SO	Moisture	T	4.3840 g	9.1123 g	6.6264 g			
240-17317-D-2	076SS-0001M-0001 -SO	Moisture	T	4.3840 g	8.2076 g	7.6263 g			
240-17317-D-3	076SS-0005M-0001 -SO	Moisture	T	4.3840 g	7.5186 g	7.1579 g			
240-17317-D-4	076SS-0006M-0001 -SO	Moisture	T	4.3840 g	8.0719 g	7.4512 g			
240-17317-A-5	068SS-0001M-0001 -SO	Moisture	T	4.3840 g	10.7850 g	9.8391 g			
240-17317-J-7 DU	068SS-0003M-0001 -SO	Moisture	T	4.3840 g	11.5536 g	10.1809 g			
240-17317-K-7	068SS-0003M-0001 -SO	Moisture	T	4.3840 g	10.1169 g	9.4111 g			
240-17317-D-9	076SS-0004M-0001 -SO	Moisture	T	4.3840 g	10.2161 g	9.2451 g			
240-17317-A-10	076SS-0003M-0001 -SO	Moisture	T	4.3840 g	10.3091 g	9.5191 g			
240-17317-J-11 DU	070SS-0006M-0001 -SO	Moisture	T	4.3840 g	9.9316 g	8.6845 g			
240-17317-K-11	070SS-0006M-0001 -SO	Moisture	T	4.3840 g	10.1737 g	8.7821 g			
240-17317-D-12	070SS-0007M-0001 -SO	Moisture	T	4.3840 g	10.7199 g	9.1379 g			
240-17317-D-13	070SS-0002M-0001 -SO	Moisture	T	4.3840 g	9.8064 g	8.4379 g			

Batch Notes	
Balance ID	Bo47 No Unit
Date samples were placed in the oven	11/15/12
Oven Temp when samples are put in oven	103.3 Degrees C
Time samples were place in the oven	9:30
Date samples were removed from oven	11/16/12
Oven Temp when samples removed from oven	103.9 Degrees C
Time Samples were removed from oven	5:30
Oven ID	002
ID number of the thermometer	Tempguard Box C #6

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65100 Batch Start Date: 11/15/12 08:05 Batch Analyst: Grossman, Lucas

Batch Method: Moisture Batch End Date: 11/16/12 11:05

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65423 Batch Start Date: 11/16/12 16:01 Batch Analyst: Kuhle, Julie

Batch Method: Moisture Batch End Date: 11/19/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-17317-A-6	068SS-0002M-0001 -SO	Moisture	T	4.3840 g	9.9143 g	9.8265 g			
240-17317-A-8	068SS-0004M-0001 -SO	Moisture	T	4.3840 g	8.5148 g	8.4328 g			
240-17317-A-14 DU	068SS-0005M-0001 -SO	Moisture	T	4.3840 g	9.4166 g	9.3239 g			
240-17317-A-14	068SS-0005M-0001 -SO	Moisture	T	4.3840 g	10.0410 g	9.9514 g			
240-17317-A-15	068SS-0006M-0001 -SO	Moisture	T	4.3840 g	11.9471 g	11.8368 g			
240-17317-A-16	068SS-0007M-0001 -SO	Moisture	T	4.3840 g	15.8371 g	15.6239 g			
240-17317-A-17	068SS-0008M-0001 -SO	Moisture	T	4.3840 g	12.6452 g	12.4644 g			
240-17317-A-18	076SD-0008-0001- SO	Moisture	T	4.3840 g	9.1836 g	9.1080 g			
240-17317-A-19 DU	076SD-0009-0001- SO	Moisture	T	4.3840 g	10.8558 g	10.7201 g			
240-17317-B-19	076SD-0009-0001- SO	Moisture	T	4.3840 g	9.8462 g	9.7034 g			
240-17317-A-20	076SD-0010-0001- SO	Moisture	T	4.3840 g	8.9924 g	8.8932 g			
240-17317-A-21	076SD-0011-0001- SO	Moisture	T	4.3840 g	8.1078 g	7.9816 g			
240-17317-A-22	076SD-0012-0001- SO	Moisture	T	4.3840 g	8.4965 g	8.4154 g			
240-17317-A-23	079SS-0002M-0001 -SO	Moisture	T	4.3840 g	11.8230 g	11.7275 g			
240-17317-A-24	079SS-0001M-0001 -SO	Moisture	T	4.3840 g	9.7316 g	9.6776 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	11/16/12
Oven Temp when samples are put in oven	103.4 Degrees C
Time samples were place in the oven	16:30
Date samples were removed from oven	11/19/12
Oven Temp when samples removed from oven	103.9 Degrees C
Time Samples were removed from oven	5:30
Oven ID	002
ID number of the thermometer	TEMPGUARD BOX C #6

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.: _____

Batch Number: 65423 Batch Start Date: 11/16/12 16:01 Batch Analyst: Kuhle, Julie

Batch Method: Moisture Batch End Date: 11/19/12 10:00

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6087 Batch Start Date: 11/19/12 06:14 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 11/19/12 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00006			
MB 320-6087/1		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL				
LCS 320-6087/2		353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050		10.00 g	45 mL	1 mL			
240-17317-P-7	068SS-0003M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.35 g	45 mL				
240-17317-P-7 MS	068SS-0003M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.20 g	45 mL	1 mL			
240-17317-P-7 MSD	068SS-0003M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.03 g	45 mL	1 mL			
240-17317-F-8	068SS-0004M-0001 -SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	9.98 g	45 mL				
240-17317-C-18	076SD-0008-0001- SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	9.97 g	45 mL				
240-17317-E-19	076SD-0009-0001- SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.25 g	45 mL				
240-17317-E-19 MS	076SD-0009-0001- SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.55 g	45 mL	1 mL			
240-17317-E-19 MSD	076SD-0009-0001- SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.25 g	45 mL	1 mL			
240-17317-C-20	076SD-0010-0001- SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.07 g	45 mL				

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6087 Batch Start Date: 11/19/12 06:14 Batch Analyst: Phan, Tuan

Batch Method: 353.2 (NCell) Batch End Date: 11/19/12 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNCSP 00006			
240-17317-C-21	076SD-0011-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.17 g	45 mL				
240-17317-C-22	076SD-0012-0001-SO	353.2 (NCell), 353 (NCell-Hyd), WS-WC-0050	T	10.13 g	45 mL				

Batch Notes	
1:1 MeOH/H2O	HPHMeOH/H2O_00002
Acetone Lot #	ACETONE_00004
Centrifuge Tube	2195825

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6149 Batch Start Date: 11/20/12 06:30 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 11/20/12 10:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 320-6087/1-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
LCS 320-6087/2-A		353 (NCell-Hyd), WS-WC-0050		45 mL	40 mL				
240-17317-P-7-G	068SS-0003M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-P-7-H MS	068SS-0003M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-P-7-I MSD	068SS-0003M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-F-8-D	068SS-0004M-0001 -SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-C-18- D	076SD-0008-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-E-19- I	076SD-0009-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-E-19- J MS	076SD-0009-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-E-19- K MSD	076SD-0009-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-C-20- D	076SD-0010-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-C-21- D	076SD-0011-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				
240-17317-C-22- C	076SD-0012-0001- SO	353 (NCell-Hyd), WS-WC-0050	T	45 mL	40 mL				

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6149 Batch Start Date: 11/20/12 06:30 Batch Analyst: Phan, Tuan

Batch Method: 353 (NCell-Hyd) Batch End Date: 11/20/12 10:50

Batch Notes	
0.45 Filter Vendor/Lot	Millipore R2DA02309
Centrifuge Tube	2195825
Sulfuric Acid Lot Number	Sulfuric Acid_00001
Millipore Water Dispense Date	11/20/12
NaOH Lot #	Sodium hydrox_000001

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6287 Batch Start Date: 11/21/12 14:02 Batch Analyst: Baynes, Jason

Batch Method: WS-WC-0050 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	WC-353.2-ICV 00010	WC-353.2-L1 00011	WC-353.2-L4 00008			
ICV 320-6287/8		WS-WC-0050		# mL					
MRL 320-6287/10		WS-WC-0050			# mL				
CCV 320-6287/21		WS-WC-0050				# mL			

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-WC-14-2 e. 2/2/13
NO2/NO3 Indicator ID #	4525-WC-15-1 e. 11/14/13

Basis	Basis Description

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.: _____

Batch Number: 6288 Batch Start Date: 11/21/12 16:36 Batch Analyst: Baynes, Jason

Batch Method: WS-WC-0050 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	WC-353.2-ICV 00010	WC-353.2-L1 00011	WC-353.2-L4 00008			
ICV 320-6288/2		WS-WC-0050		# mL					
MRL 320-6288/4		WS-WC-0050			# mL				
MRL 320-6288/15		WS-WC-0050			# mL				
CCV 320-6288/16		WS-WC-0050				# mL			
MRL 320-6288/20		WS-WC-0050			# mL				
CCV 320-6288/21		WS-WC-0050				# mL			
MRL 320-6288/25		WS-WC-0050			# mL				
CCV 320-6288/26		WS-WC-0050				# mL			
MRL 320-6288/30		WS-WC-0050			# mL				
CCV 320-6288/31		WS-WC-0050				# mL			
MRL 320-6288/35		WS-WC-0050			# mL				
CCV 320-6288/36		WS-WC-0050				# mL			
MRL 320-6288/41		WS-WC-0050			# mL				
CCV 320-6288/42		WS-WC-0050				# mL			

Batch Notes	
Nitrocellulose Assay	0.119
Color Reagent 1 ID	4525-WC-14-2 e. 02/02/13
NO2/NO3 Indicator ID #	4525-WC-15-1 e. 11/14/13

Basis	Basis Description

Subcontract Data

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica Laboratory location: Conbn, OH DW NPDES RCRA Other

Regulatory program: DW NPDES RCRA Other

Client Contact Company Name: <u>ECC</u> Address: <u>33 Boston Post Road West</u> City/State/Zip: <u>Marlborough MA 01752</u> Phone: <u>508-229-8229</u> Project Name: <u>Ravena</u> Project Number: _____ P.O.# _____	Client Project Manager: Name: <u>AL Eastredy</u> Telephone: <u>508-229-2270</u> Email: _____ Method of Shipment/Carrier: <u>Lab courier</u> Shipping/Tracking No: _____	Site Contact: Name: <u>Jeff Dunwan</u> Telephone: <u>508-509-1784</u> Analysis Turnaround Time (in BLS days): <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day TAT if different from below: <u>STD</u> Analytes: <u>PCB, Pesticide, Explosive, Propellants</u>	Lab Contact: Name: <u>Mark Loeb</u> Telephone: _____ COC No: <u>048527</u> Page <u>1</u> of <u>4</u> COCs	Analyses VOC/Metal/TK SVOC TRL Metals PCB Pesticide Explosive Propellants
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Sample Identification	Sample Date	Sample Time	Air	Agents	Sediment	Solid	Other	H2O	HNO3	HCl	NaOH	ZnAc	NaOH	Uptes	Other	Method	Composite (Y/N)	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	Company	Date/Time
07655-0002M-0001-50	6/28/2012	0846				X		X						X				X	MS/MSD	11-7-12-1630
07655-0001M-0001-50		0923				X		X						X				X	MS/MSD	11-7-12-1630
07655-0005M-0001-50		1830				X		X						X				X	MS/MSD	11-7-12-1630
07655-0006M-0001-50		1800				X		X						X				X	MS/MSD	11-7-12-1630
07655-0001M-0001-50		1240				X		X						X				X	MS/MSD	11-7-12-1630
07655-0002M-0001-50		1210				X		X						X				X	MS/MSD	11-7-12-1630
07655-0003M-0001-50		1200				X		X						X				X	MS/MSD	11-7-12-1630
07655-0003M-0002-50		1200				X		X						X				X	MS/MSD	11-7-12-1630
07655-0004M-0001-50		1200				X		X						X				X	MS/MSD	11-7-12-1630
07655-0004M-0001-50		1000				X		X						X				X	MS/MSD	11-7-12-1630

Relinquished by: RC (ECC) Date/Time: 11-7-12-1630 Company: RC
 Relinquished by: RC (ECC) Date/Time: 11-7-12-1630 Company: RC
 Relinquished by: RC (ECC) Date/Time: 11-7-12-1630 Company: RC

Chain of Custody Record

Cont'n, U14

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: DW NPDES RCRA Other

TestAmerica Laboratories, Inc.

Lab Contact: Mark Luch

Site Contact: Jeff Dawson

Client Project Manager: Al Easterday

Company Name: ECC

Address: 33 Boston Post Road W., Suite 420, Marlborough, MA 01752
 Telephone: 508-229-2290
 Email: 508-509-1784

Project Name: Raveano
 Project Number: 508-229-2290

Method of Shipment/Carrier: Lab & Ware
 Shipping/Tracking No:

Analysis: PCB, TPH-g20, TAT in different from below: 5 UD

PO #	Sample Identification	Sample Date	Sample Time	Matrix				Containers & Preservatives						Sample Specific Notes / Special Instructions:							
				Aqueous	Sediment	Solid	Other	H2O	HNO3	HCl	NaOH	Zn/NaOH	Li/NaOH		Meq						
07655-0003M-0001-50		6 NOV 2012	0920	X	X	X															
07055-0006M-0001-50		9 NOV 2012	0850	X	X	X															
07055-0006M-0002-50 (M/MSD)		9 NOV 2012	0950	X	X	X															
07055-0009M-0001-50		9 NOV 2012	0850	X	X	X															
07055-0002M-0001-50			0910	X	X	X															
06855-0004M-0001-50		6 NOV 2012	1350	X	X	X															
06855-0006M-0001-50			1545	X	X	X															
06855-0007M-0001-50			1615	X	X	X															
06855-0008M-0001-50			1510	X	X	X															

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): Return to Client Disposal By Lab Archive For _____ Months

Relinquished by: [Signature] Date/Time: 11-7-12 1630
 Relinquished by: [Signature] Date/Time: 11-7-12 1630
 Relinquished by: [Signature] Date/Time: 11-7-12 1730

Chain of Custody Record

TestAmerica Laboratory location: DW NPDES RCRA Other

Client Contact Company Name: ECC Address: 33 Boston Post Road West City/State/Zip: Marlborough, MA 01752 Phone: 508-229-2270 Project Name: Ravenna Project Number:		Client Project Manager: Name: Al Easterday Telephone: 508-509-1784 Email:		Site Contact: Name: Jeff Donovan Telephone: 508-509-1784		Lab Contact: Name: Mark Loeb Telephone:		TestAmerica Laboratories, Inc. COC No: 048643 3 of 4 COCs	
Analytical Method: COUPLER P100 Shipping/Tracking No:		Analysis/Measurement Time (in 8HS days) TAT if different from below: <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		For release only: <input type="checkbox"/> Waive in client <input type="checkbox"/> Lab pickup <input type="checkbox"/> Field sampling <input type="checkbox"/> SubSDC No:		Analyses: Metals ZTK Explosives Pesticides PCBs		Sample Specific Notes / Special Instructions: MS/MSA	
P.O. #		Matrix: Air <input type="checkbox"/> Sediment <input type="checkbox"/> Solid <input type="checkbox"/> Other:		Containers & Preservatives: H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Upret <input type="checkbox"/> Other:		Filtered Sample (X/N) Composite / Grab		Sample Identification	
Sample Date 6/20/2012		Sample Time 1810		Sample Date 6/20/2012		Sample Time 1810		Sample Identification 076SD-0008-0001-SD	
Sample Date 6/20/2012		Sample Time 1815		Sample Date 6/20/2012		Sample Time 1815		Sample Identification 076SD-0009-0001-SD	
Sample Date 6/20/2012		Sample Time 1815		Sample Date 6/20/2012		Sample Time 1815		Sample Identification 076SD-0010-0001-SD	
Sample Date 6/20/2012		Sample Time 1825		Sample Date 6/20/2012		Sample Time 1825		Sample Identification 076SD-0011-0001-SD	
Sample Date 6/20/2012		Sample Time 1830		Sample Date 6/20/2012		Sample Time 1830		Sample Identification 076SD-0012-0001-SD	
Sample Date 7/11/2012		Sample Time 1325		Sample Date 7/11/2012		Sample Time 1325		Sample Identification 079SS-0002M-0001-SD	
Sample Date 7/11/2012		Sample Time 1230		Sample Date 7/11/2012		Sample Time 1230		Sample Identification 079SS-0001M-0001-SD	
Possible Hazard Identification: <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For		Special Instructions/QC Requirements & Comments:		Date/Time: 11-7-12 1630 Company: RE Cobal		Date/Time: 11-7-12 1630 Company: TAC-XC	
Relinquished by: Jeff Donovan		Relinquished by: RE Cobal		Relinquished by: RE Cobal		Relinquished by: Jeff Donovan		Date/Time: 11-7-12 1730 Company: TAC-XC	

Chain of Custody Record

TestAmerica Laboratory location: Concord, NH DW NPDES RCRA Other

Client Contact Company Name: <u>ECC</u> Address: <u>33 Boston Post Road West</u> City/State/Zip: <u>Marbleboro, MA 01655-0029</u> Phone: <u>508-229-2200</u> Project Name: <u>Ravenno</u> Project Number: _____ P.O.# _____		Client Project Manager: Name: <u>Al Easterday</u> Telephone: <u>508-229-2200</u> Email: <u>A.Easterday@ecc.net</u>		Site Contact: Name: <u>Jeff Burson</u> Telephone: <u>508-509-1784</u>		Lab Contact: Name: <u>M. Lueb</u> Telephone: _____		TestAmerica Laboratories, Inc. COC No: <u>048638</u> Page <u>4</u> of <u>4</u> COCs	
Method of Shipment/Carrier: _____ Shipping/Tracking No: _____		Analytes: <u>VOC</u> TAT if different from below: <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Analytes: VOC TPH-g20 XX		For Lab Use Only: Wait in client: _____ Lab prep: _____ Subsampling: _____ Receipt No: _____		Sample Specific Notes / Special Instructions: <u>Trippack</u>	
Sample Identification: <u>01655-0029-0001-TB</u>		Sample Date: <u>9 Nov 2012</u> Sample Time: <u>0800</u>		Entered Sample (Y/N): _____ Composite (Y/N): _____		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Possible Hazard Identification: <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Unknown	
Relinquished by: <u>RC Burson</u> Date/Time: <u>11-7-12 1630</u>		Relinquished by: <u>RC Burson</u> Date/Time: <u>11-7-12 1630</u>		Relinquished by: <u>RC Burson</u> Date/Time: <u>11-7-12 1630</u>		Relinquished by: <u>RC Burson</u> Date/Time: <u>11-7-12 1630</u>		Relinquished by: <u>RC Burson</u> Date/Time: <u>11-7-12 1630</u>	

Client ECC Site Name Ravenna By: Derry Burns
 Cooler Received on 11/7/12 Opened on 11/7/12 (Signature)

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other Multiple

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF -2 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C
 IR GUN# 4G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C
 IR GUN# 5G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C
IR GUN# 8 (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

Multiple on Back

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s)? Yes No
 3. Shippers' packing slip attached to the cooler(s)? Yes No
 4. Did custody papers accompany the sample(s)? Yes No
 5. Were the custody papers relinquished & signed in the appropriate place? Yes No
 6. Did all bottles arrive in good condition (Unbroken)? Yes No
 7. Could all bottle labels be reconciled with the COC? Yes No
 8. Were correct bottle(s) used for the test(s) indicated? Yes No
 9. Sufficient quantity received to perform indicated analyses? Yes No
 10. Were sample(s) at the correct pH upon receipt? Yes No NA
 11. Were VOAs on the COC? Yes No
 12. Were air bubbles >6 mm in any VOA vials? Yes No NA
 13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
 Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Login Number: 17317
List Number: 1
Creator: Nelson, Kym D

List Source: TestAmerica West Sacramento
List Creation: 11/15/12 11:11 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	0.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Login Number: 17317
List Number: 2
Creator: Sadler, Jeremy

List Source: TestAmerica West Sacramento
List Creation: 11/21/12 07:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	